

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085153.D
 Acq On : 09 Dec 2024 16:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 05:02:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	162736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118220	51.000	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.000%
35) Dibromofluoromethane	8.165	113	95864	53.613	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.220%
50) Toluene-d8	10.565	98	345955	53.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.847	95	134293	56.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81627	44.359	ug/l	98
3) Chloromethane	2.359	50	90903	42.592	ug/l	94
4) Vinyl Chloride	2.512	62	93966	48.992	ug/l	95
5) Bromomethane	2.942	94	62292	57.945	ug/l	99
6) Chloroethane	3.106	64	62173	48.092	ug/l	99
7) Trichlorofluoromethane	3.489	101	174174	53.383	ug/l	98
8) Diethyl Ether	3.953	74	62482	56.265	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	101733	54.976	ug/l	98
10) Methyl Iodide	4.583	142	117965	48.159	ug/l	99
11) Tert butyl alcohol	5.524	59	101635	328.103	ug/l	97
12) 1,1-Dichloroethene	4.336	96	92960	53.819	ug/l	96
13) Acrolein	4.177	56	69168	334.634	ug/l	100
14) Allyl chloride	5.018	41	142160	48.822	ug/l	93
15) Acrylonitrile	5.718	53	263867	300.877	ug/l	99
16) Acetone	4.424	43	250348	370.827	ug/l	98
17) Carbon Disulfide	4.706	76	249632	48.964	ug/l	96
18) Methyl Acetate	5.018	43	129127	60.073	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	330945	58.641	ug/l	96
20) Methylene Chloride	5.271	84	109418	53.113	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	98207	54.029	ug/l	95
22) Diisopropyl ether	6.671	45	327105	55.815	ug/l	98
23) Vinyl Acetate	6.600	43	1235181	305.508	ug/l	100
24) 1,1-Dichloroethane	6.565	63	192887	54.999	ug/l	99
25) 2-Butanone	7.483	43	356129	322.655	ug/l	98
26) 2,2-Dichloropropane	7.494	77	179376	54.775	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	123370	56.300	ug/l	99
28) Bromochloromethane	7.812	49	57402	43.360	ug/l	93
29) Tetrahydrofuran	7.841	42	223283	325.304	ug/l	100
30) Chloroform	7.965	83	206502	55.353	ug/l	98
31) Cyclohexane	8.253	56	155530	50.369	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	186189	55.230	ug/l	98
36) 1,1-Dichloropropene	8.371	75	139304	57.518	ug/l	99
37) Ethyl Acetate	7.559	43	138225	62.778	ug/l	99
38) Carbon Tetrachloride	8.359	117	166889	59.696	ug/l	99
39) Methylcyclohexane	9.600	83	153471	60.980	ug/l	97
40) Benzene	8.606	78	426932	55.734	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74288	60.938	ug/l	97
42) 1,2-Dichloroethane	8.671	62	156285	59.637	ug/l	100
43) Isopropyl Acetate	8.688	43	273688	59.842	ug/l	96
44) Trichloroethene	9.353	130	103598	58.195	ug/l	93
45) 1,2-Dichloropropane	9.618	63	108197	57.347	ug/l	94
46) Dibromomethane	9.706	93	78342	59.757	ug/l	99
47) Bromodichloromethane	9.882	83	167432	60.258	ug/l	99
48) Methyl methacrylate	9.677	41	115253	67.720	ug/l	97
49) 1,4-Dioxane	9.694	88	43006	1457.126	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	725499	347.299	ug/l	99
52) Toluene	10.629	92	277164	61.119	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	170255	61.118	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	180164	60.963	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	103873	61.496	ug/l	98
56) Ethyl methacrylate	10.871	69	174001	70.497	ug/l	98
57) 1,3-Dichloropropane	11.159	76	177618	59.747	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	340202	280.990	ug/l	98
59) 2-Hexanone	11.194	43	549363	351.625	ug/l	100
60) Dibromochloromethane	11.359	129	128913	62.448	ug/l	100
61) 1,2-Dibromoethane	11.471	107	108774	62.224	ug/l	99
64) Tetrachloroethene	11.100	164	90824	58.408	ug/l	98
65) Chlorobenzene	11.888	112	304940	58.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	114186	61.967	ug/l	98
67) Ethyl Benzene	11.965	91	537789	63.337	ug/l	98
68) m/p-Xylenes	12.070	106	413021	127.766	ug/l	100
69) o-Xylene	12.400	106	198117	64.428	ug/l	99
70) Styrene	12.412	104	347132	67.883	ug/l	99
71) Bromoform	12.576	173	92080	67.320	ug/l #	99
73) Isopropylbenzene	12.694	105	512549	60.785	ug/l	99
74) N-amyl acetate	12.494	43	219231	63.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	152365	52.916	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108217m	49.775	ug/l	
77) Bromobenzene	12.982	156	126211	55.620	ug/l	100
78) n-propylbenzene	13.035	91	610311	62.752	ug/l	100
79) 2-Chlorotoluene	13.123	91	371546	57.227	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	444282	62.790	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	59423	60.338	ug/l	95
82) 4-Chlorotoluene	13.217	91	380936	56.362	ug/l	100
83) tert-Butylbenzene	13.435	119	360851	59.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	446674	61.328	ug/l	99
85) sec-Butylbenzene	13.617	105	515573	62.691	ug/l	100
86) p-Isopropyltoluene	13.729	119	441406	65.018	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	232182	51.875	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	232095	50.815	ug/l	98
89) n-Butylbenzene	14.053	91	375765	59.518	ug/l	99
90) Hexachloroethane	14.329	117	85765	57.956	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	216336	50.441	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31099	55.854	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	112793	48.409	ug/l	98
94) Hexachlorobutadiene	15.500	225	54475	50.659	ug/l	98
95) Naphthalene	15.641	128	357684	53.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	111098	49.972	ug/l	98

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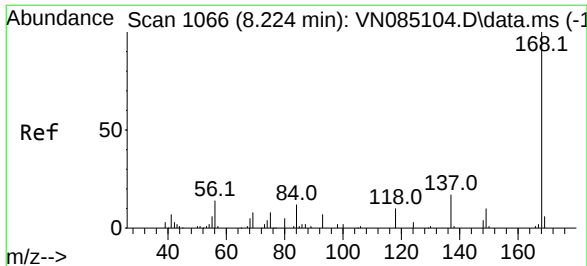
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

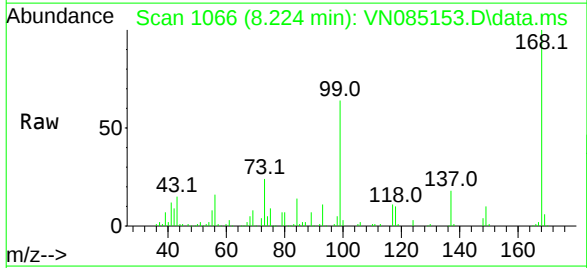
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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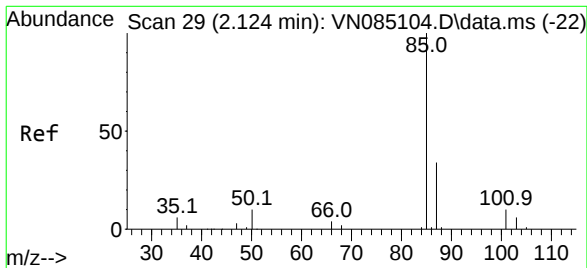
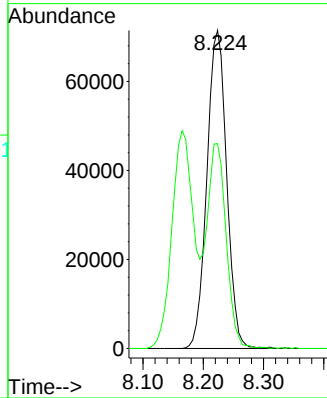
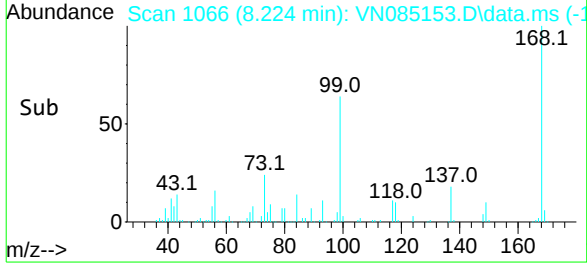
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 162736
Ion Ratio Lower Upper
168 100
99 64.4 51.2 76.8

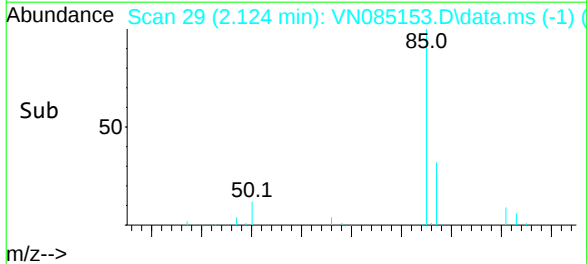
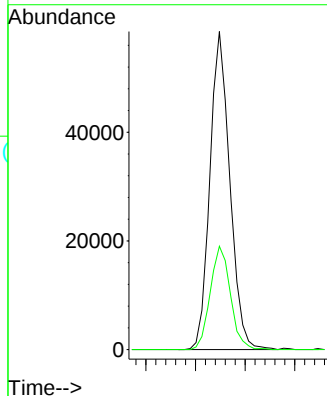
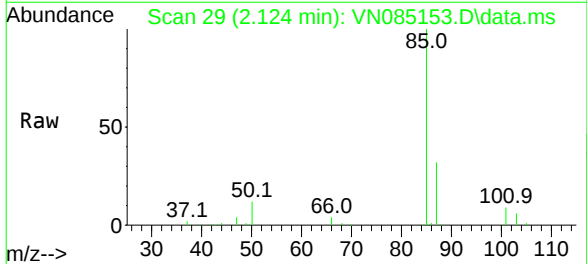
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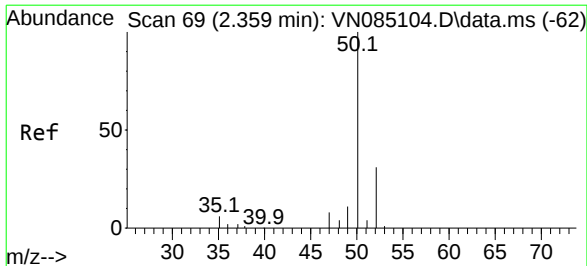
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#2
Dichlorodifluoromethane
Concen: 44.359 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

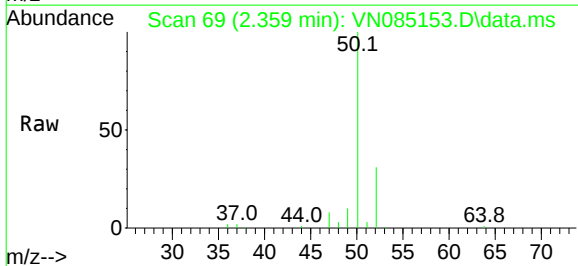
Tgt Ion: 85 Resp: 81627
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 42.592 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

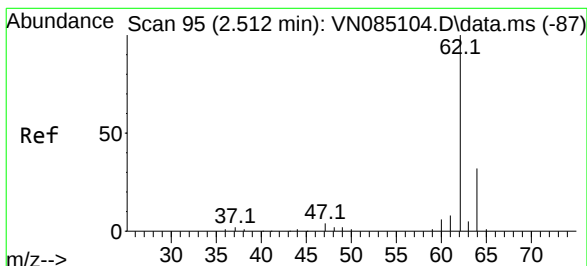
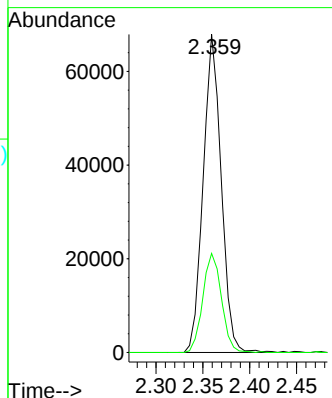
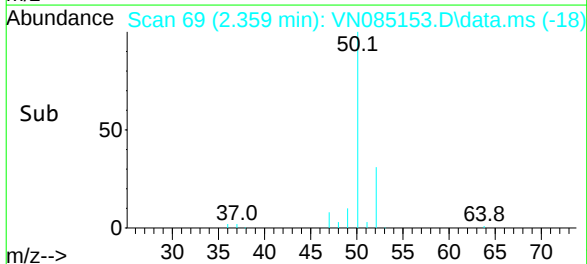
Instrument :
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Tgt Ion: 50 Resp: 90903
Ion Ratio Lower Upper
50 100
52 31.1 27.8 41.8

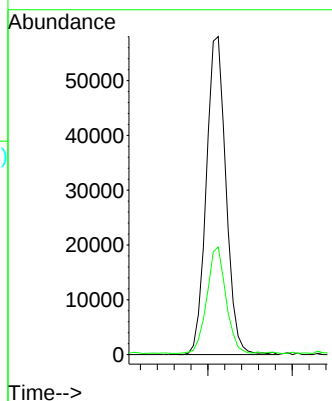
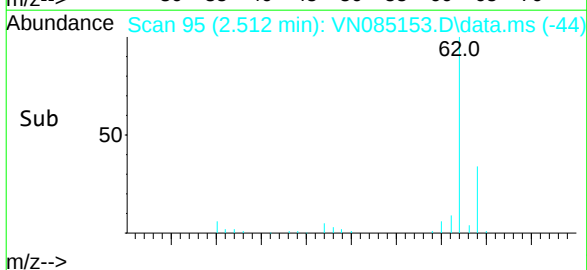
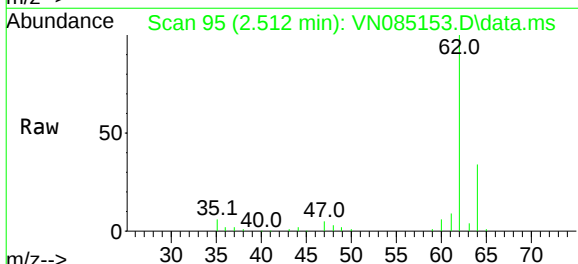
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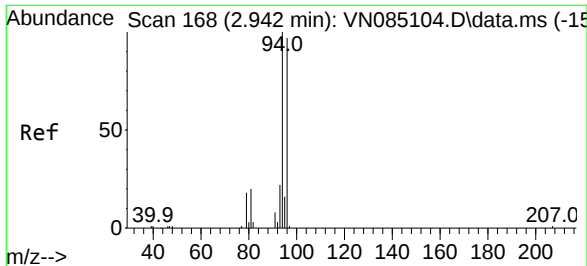
Reviewed By :John Carlone 12/10/2024
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#4
Vinyl Chloride
Concen: 48.992 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

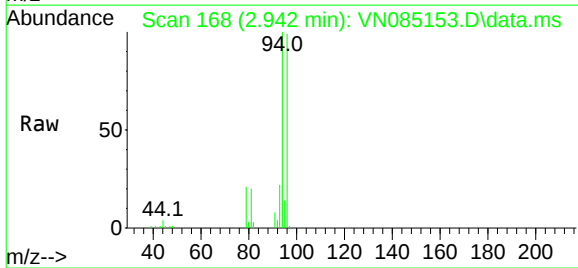
Tgt Ion: 62 Resp: 93966
Ion Ratio Lower Upper
62 100
64 33.4 24.6 36.8





#5
Bromomethane
Concen: 57.945 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.041 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

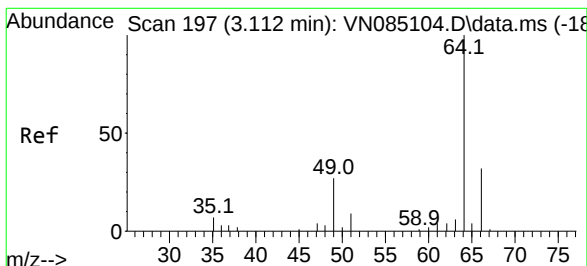
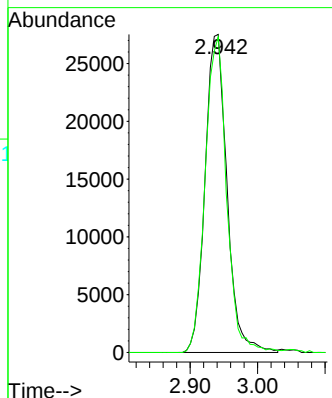
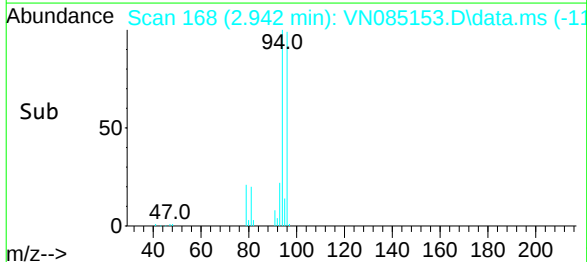
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Tgt Ion: 94 Resp: 62292
Ion Ratio Lower Upper
94 100
96 99.2 78.7 118.1

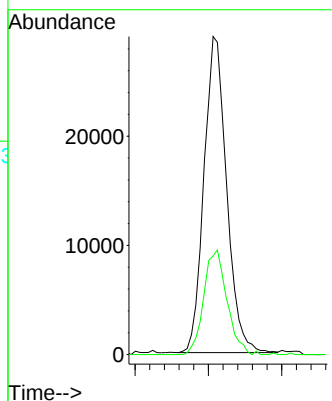
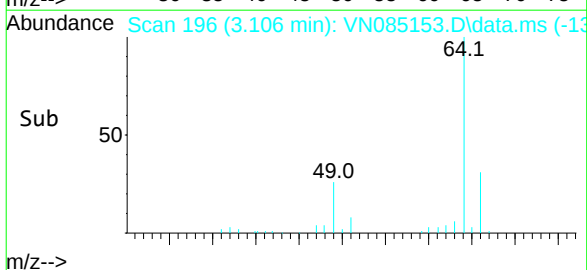
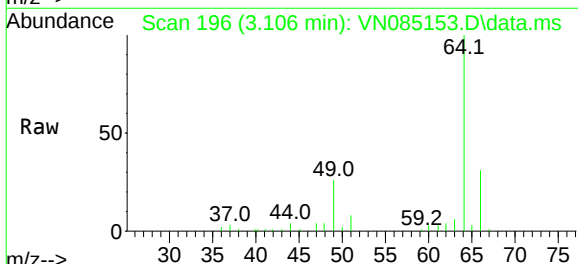
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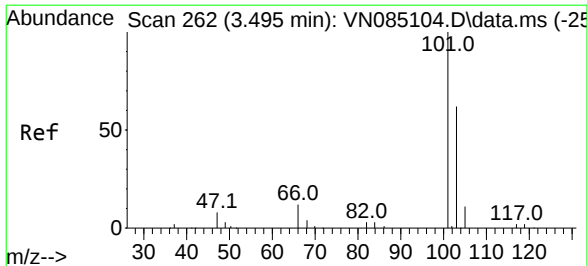
Reviewed By :John Carlone 12/10/2024
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#6
Chloroethane
Concen: 48.092 ug/l
RT: 3.106 min Scan# 196
Delta R.T. 0.041 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 64 Resp: 62173
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6





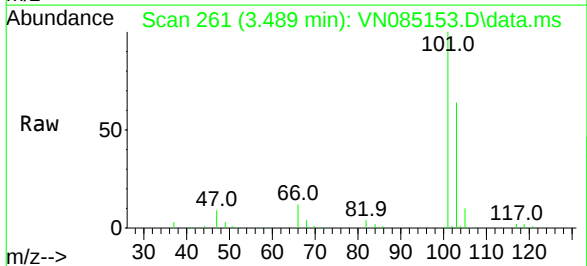
#7
 Trichlorofluoromethane
 Concen: 53.383 ug/l
 RT: 3.489 min Scan# 262
 Delta R.T. 0.029 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

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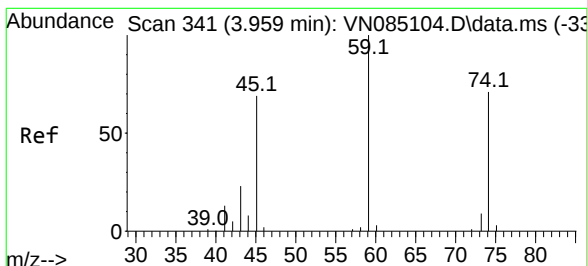
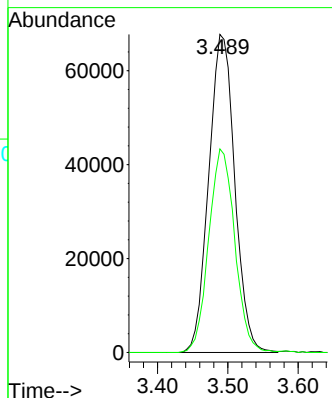
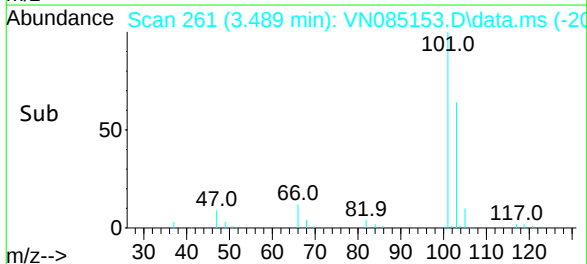
VSTDCCC050EC



Tgt Ion:101 Resp: 174174
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8

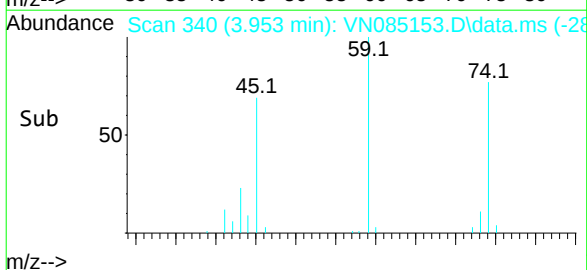
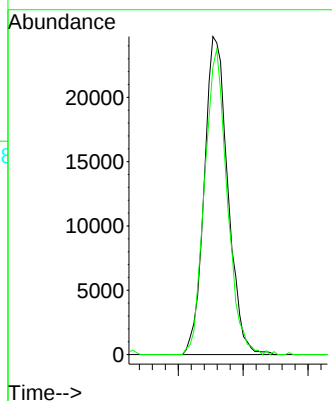
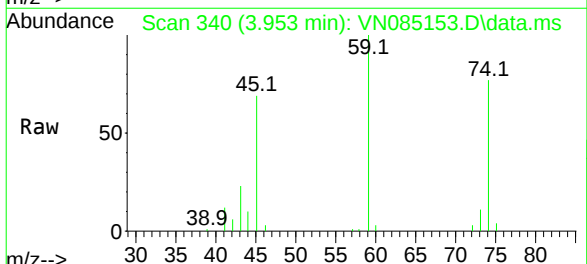
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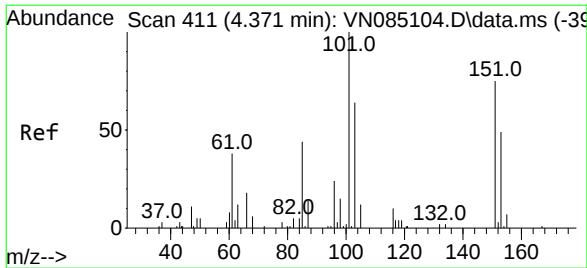
Reviewed By :John Carlone 12/10/2024
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#8
 Diethyl Ether
 Concen: 56.265 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 62482
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.7 140.1





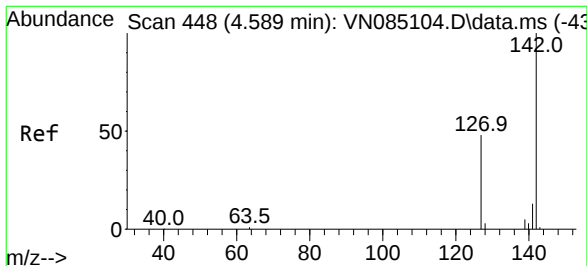
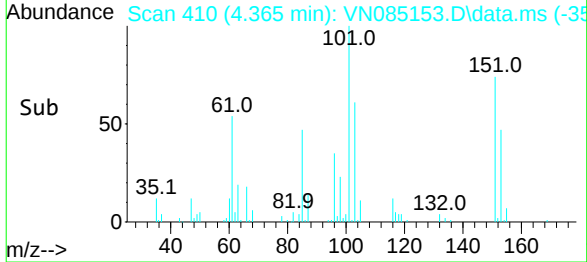
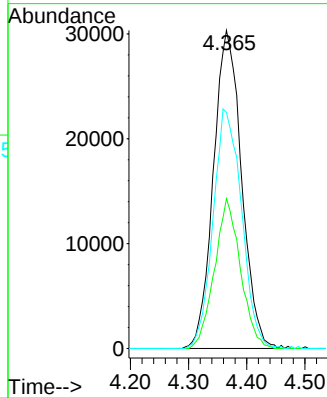
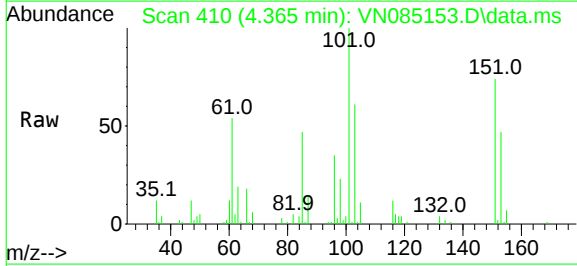
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.976 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 101733
Ion Ratio Lower Upper
101 100
85 43.6 36.9 55.3
151 76.4 60.8 91.2

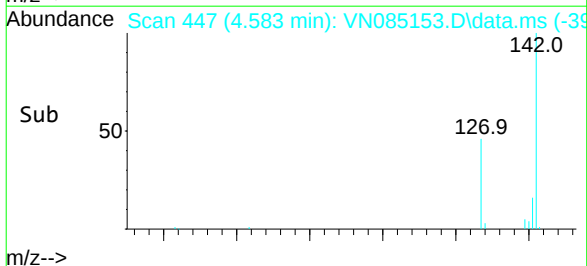
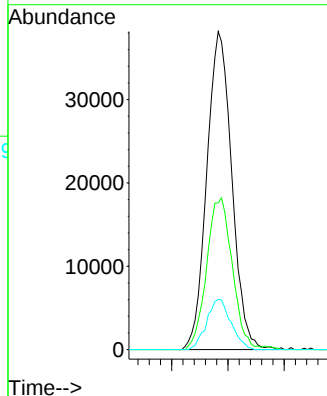
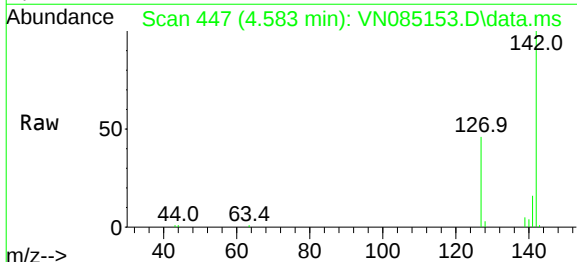
Manual Integrations
APPROVED

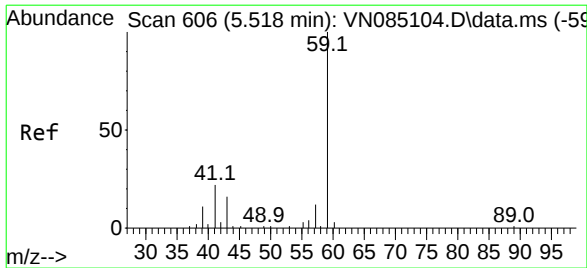
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#10
Methyl Iodide
Concen: 48.159 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

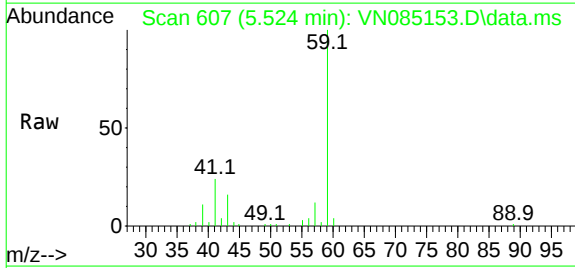
Tgt Ion:142 Resp: 117965
Ion Ratio Lower Upper
142 100
127 46.2 36.6 54.8
141 15.8 12.2 18.4





#11
Tert butyl alcohol
Concen: 328.103 ug/l
RT: 5.524 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

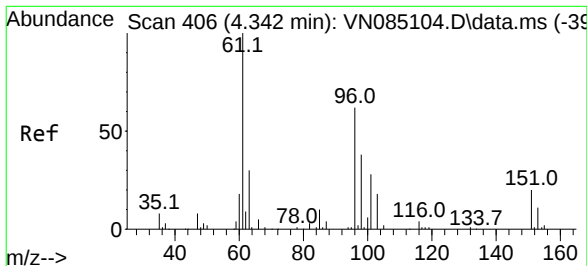
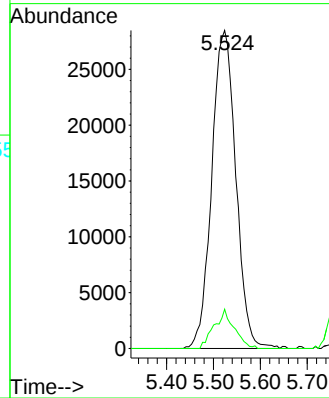
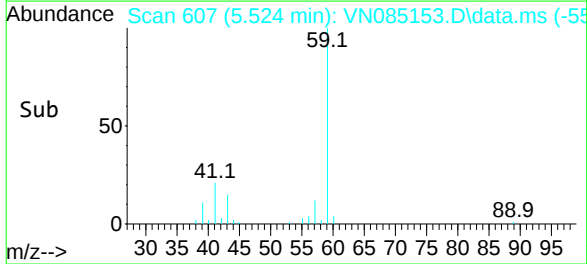
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



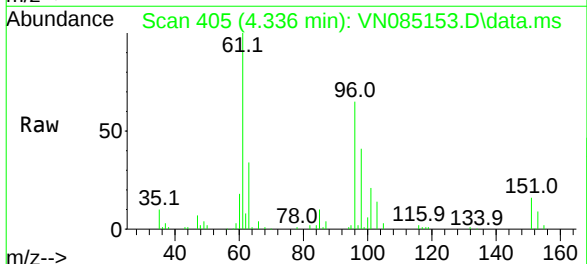
Tgt Ion: 59 Resp: 101635
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.0

Manual Integrations
APPROVED

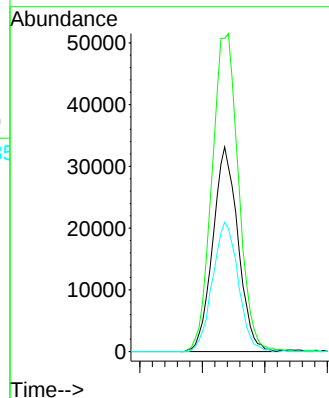
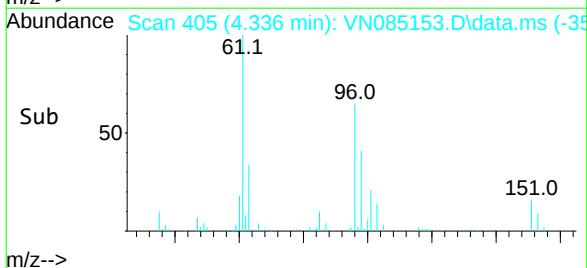
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

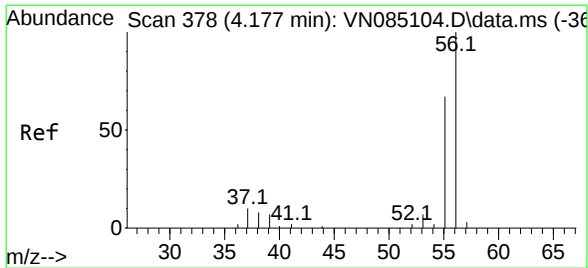


#12
1,1-Dichloroethene
Concen: 53.819 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14



Tgt Ion: 96 Resp: 92960
Ion Ratio Lower Upper
96 100
61 153.1 127.8 191.8
98 63.2 49.2 73.8





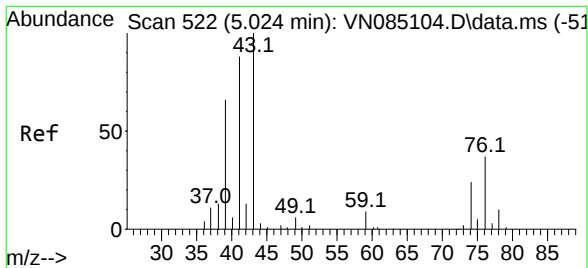
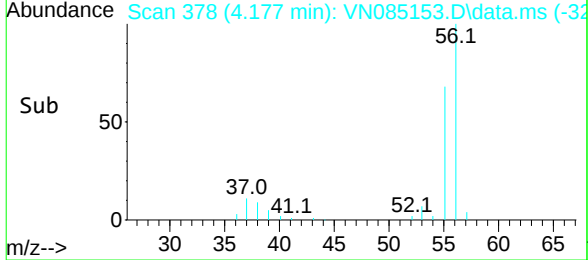
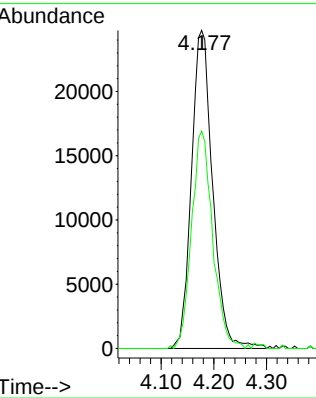
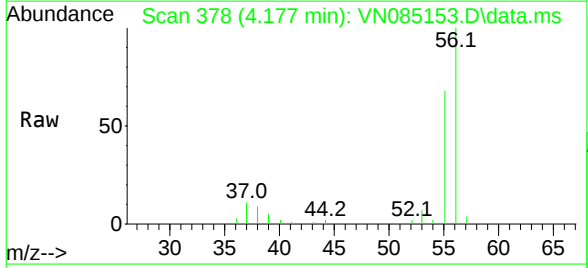
#13
 Acrolein
 Concen: 334.634 ug/l
 RT: 4.177 min Scan# 378
 Delta R.T. 0.012 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	68.1	54.5	81.7

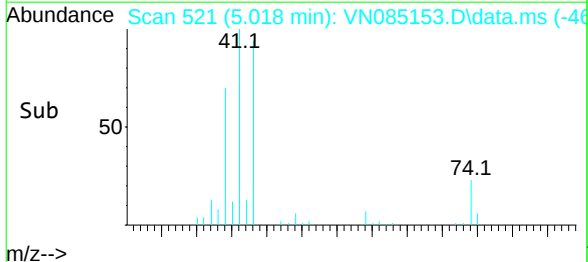
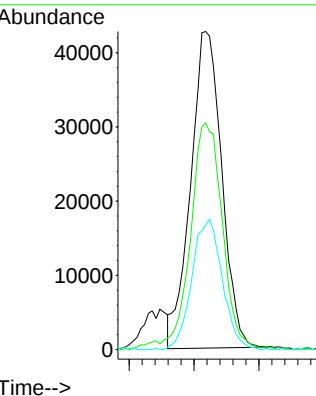
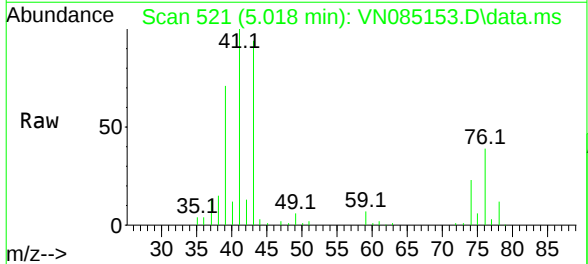
Manual Integrations
 APPROVED

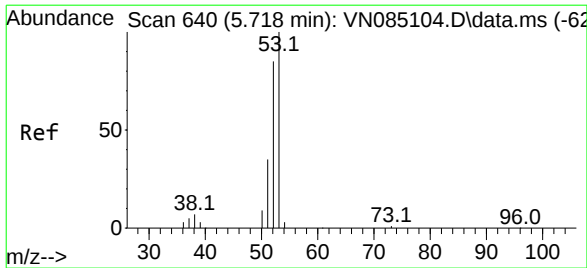
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#14
 Allyl chloride
 Concen: 48.822 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.012 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

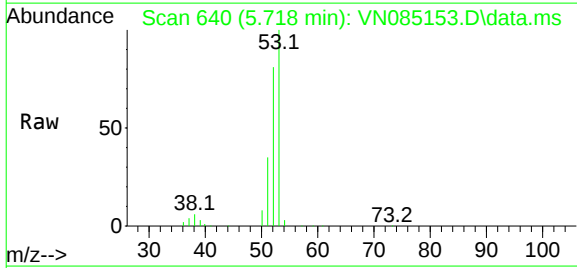
Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.9	53.8	80.8
76	40.0	29.3	43.9





#15
Acrylonitrile
Concen: 300.877 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

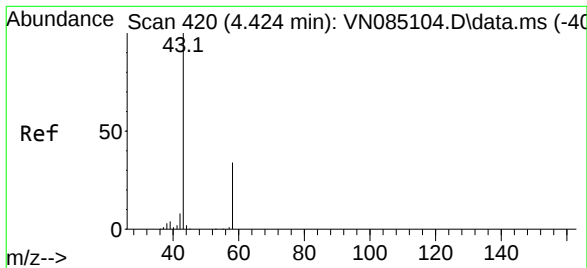
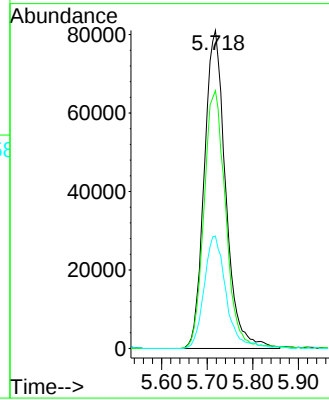
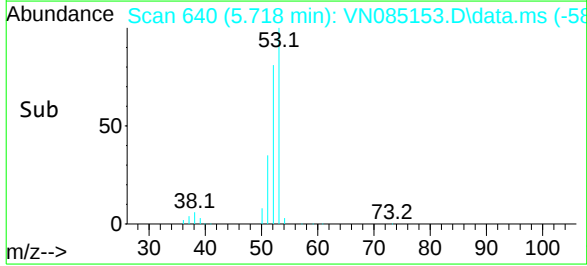
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 263867
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 36.3 28.4 42.6

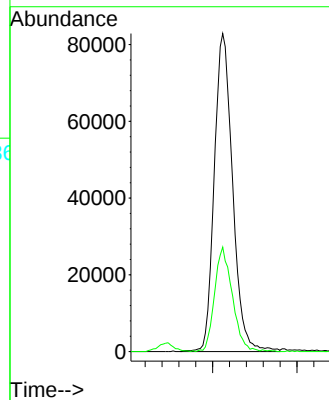
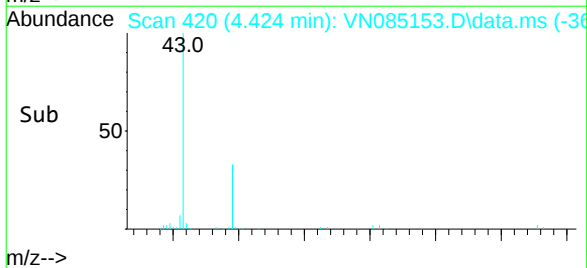
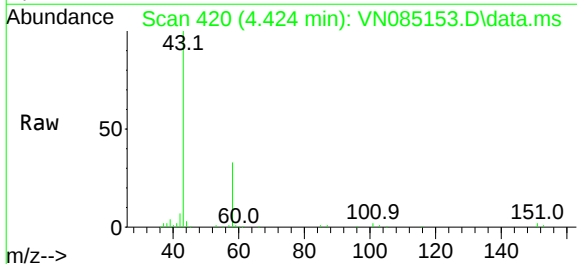
Manual Integrations
APPROVED

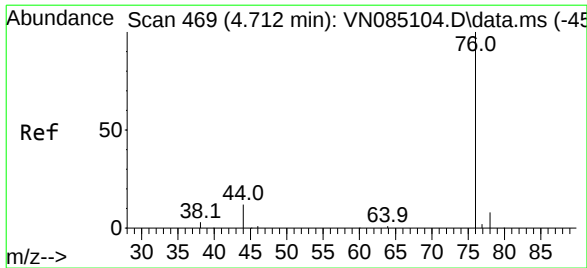
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#16
Acetone
Concen: 370.827 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

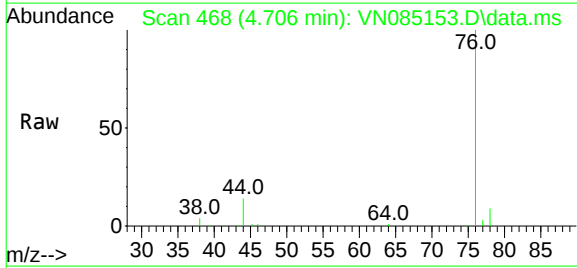
Tgt Ion: 43 Resp: 250348
Ion Ratio Lower Upper
43 100
58 32.9 25.4 38.2





#17
Carbon Disulfide
Concen: 48.964 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

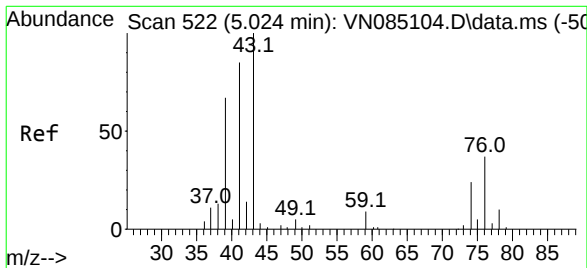
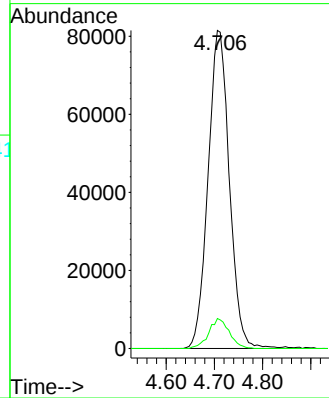
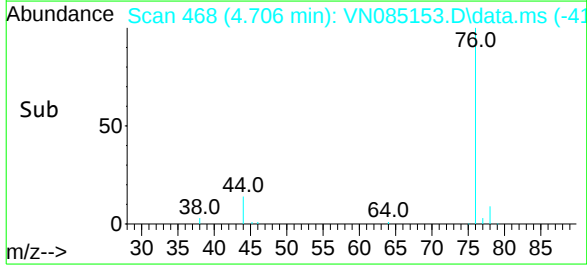
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



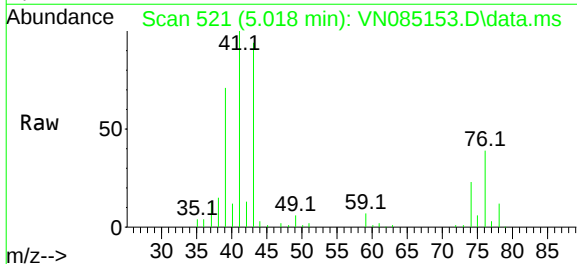
Tgt Ion: 76 Resp: 249632
Ion Ratio Lower Upper
76 100
78 9.4 6.5 9.7

Manual Integrations
APPROVED

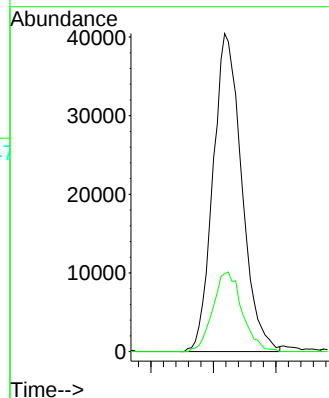
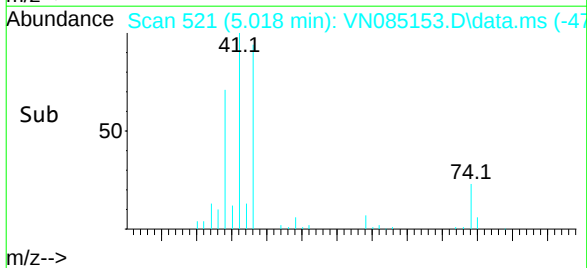
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

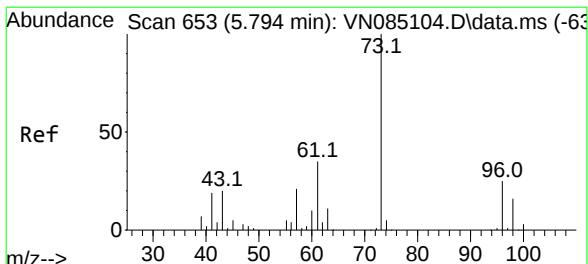


#18
Methyl Acetate
Concen: 60.073 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14



Tgt Ion: 43 Resp: 129127
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 58.641 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

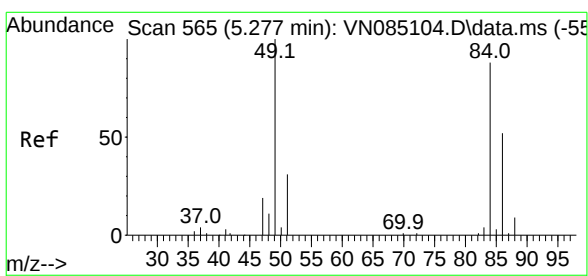
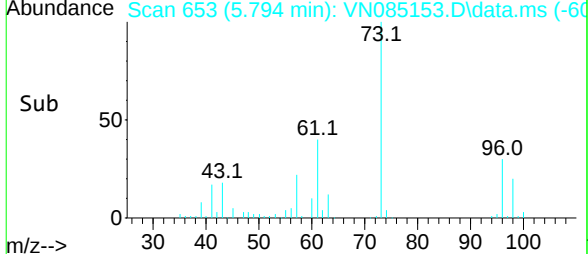
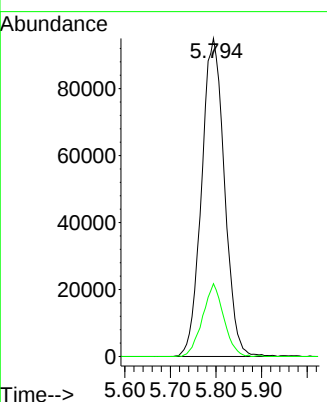
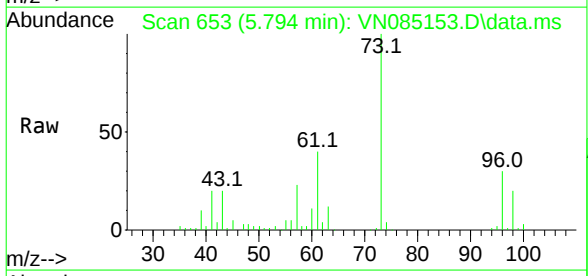
Tgt Ion: 73 Resp: 330945

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.0	25.4

Manual Integrations

APPROVED

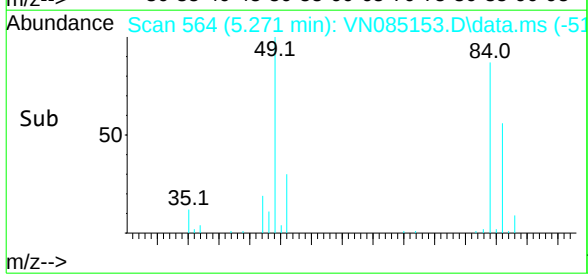
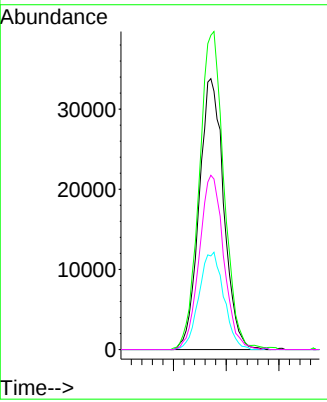
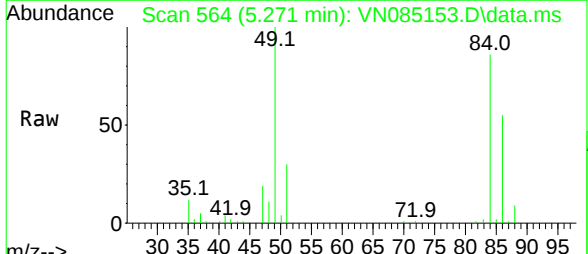
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

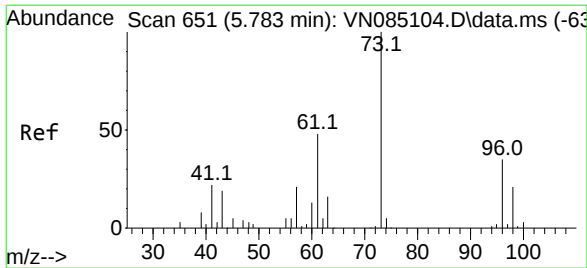


#20
Methylene Chloride
Concen: 53.113 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 84 Resp: 109418

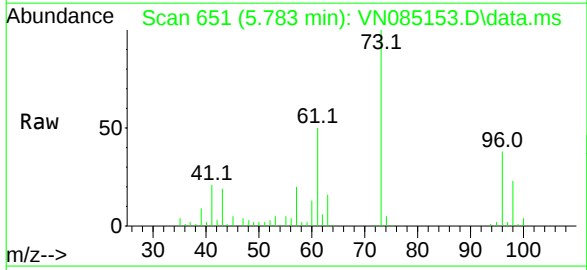
Ion	Ratio	Lower	Upper
84	100		
49	116.0	92.7	139.1
51	34.6	29.4	44.2
86	64.3	51.9	77.9





#21
trans-1,2-Dichloroethene
Concen: 54.029 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

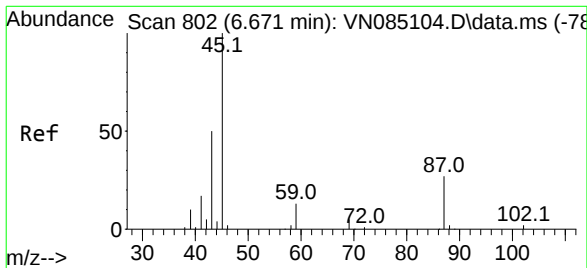
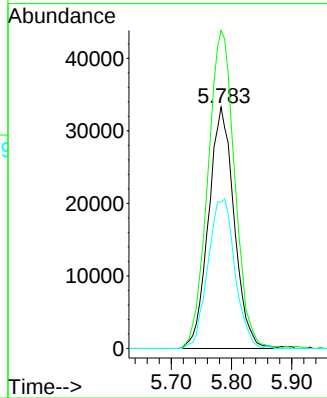
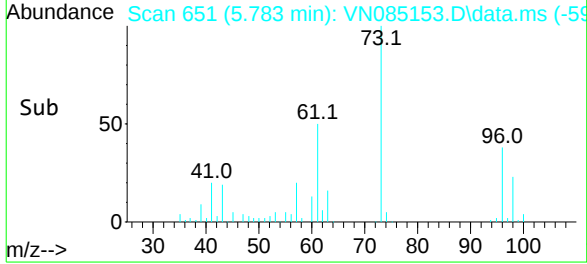
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



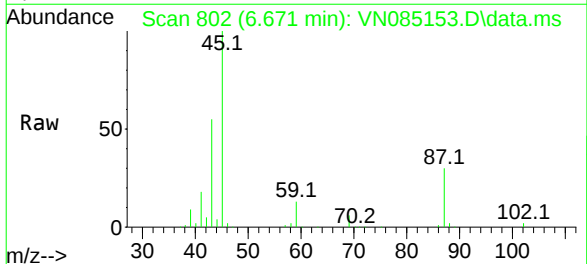
Tgt Ion: 96 Resp: 98207
Ion Ratio Lower Upper
96 100
61 131.8 100.7 151.1
98 60.6 45.8 68.6

Manual Integrations
APPROVED

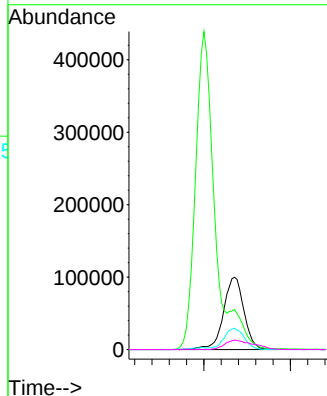
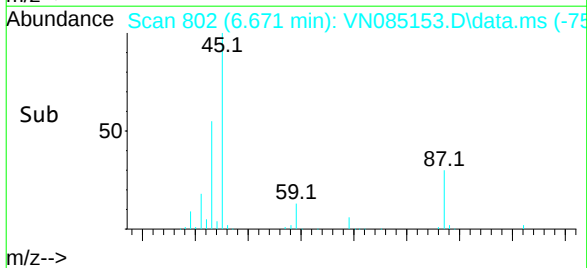
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

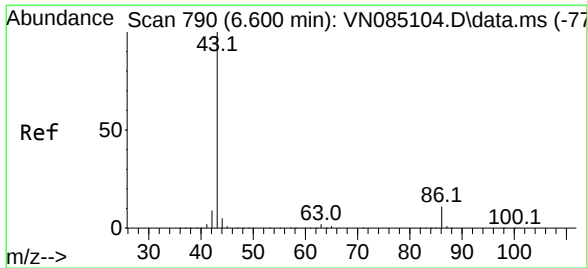


#22
Diisopropyl ether
Concen: 55.815 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14



Tgt Ion: 45 Resp: 327105
Ion Ratio Lower Upper
45 100
43 54.5 42.7 64.1
87 29.5 22.6 34.0
59 12.9 9.9 14.9





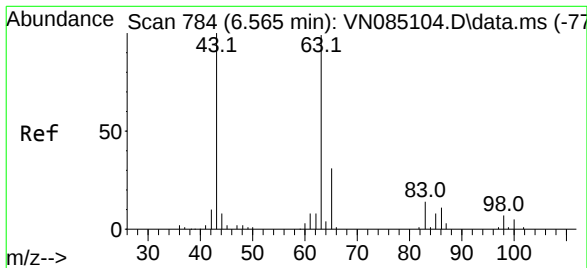
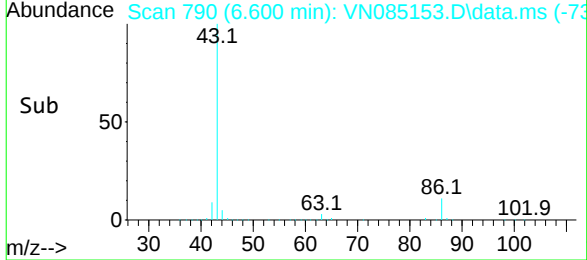
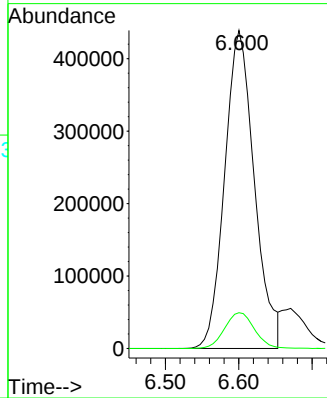
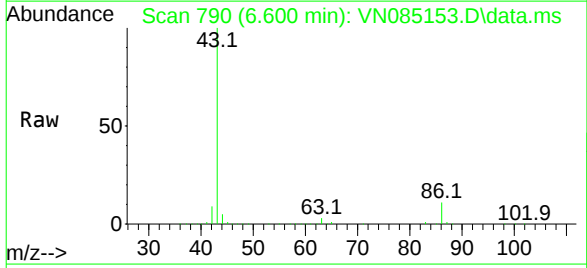
#23
 Vinyl Acetate
 Concen: 305.508 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1235181
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

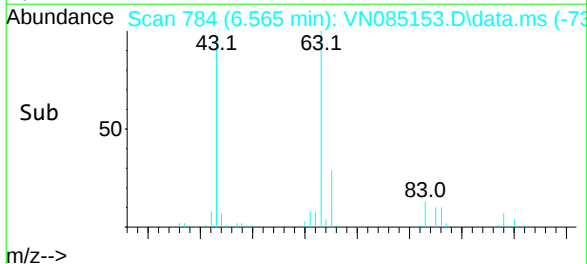
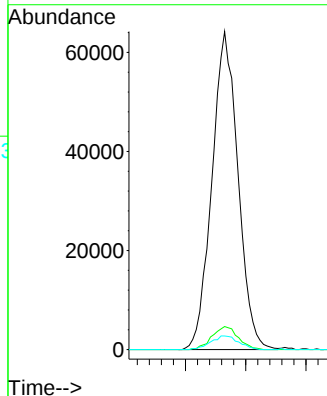
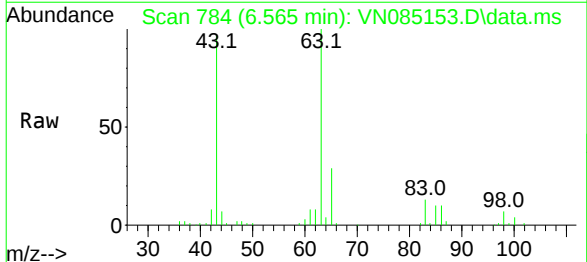
Manual Integrations
 APPROVED

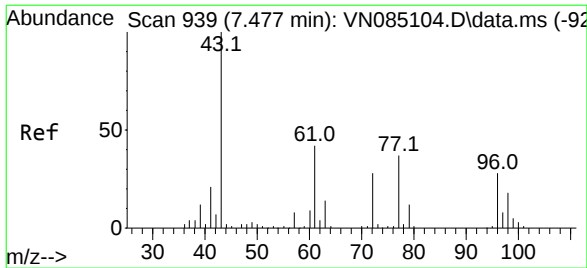
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#24
 1,1-Dichloroethane
 Concen: 54.999 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

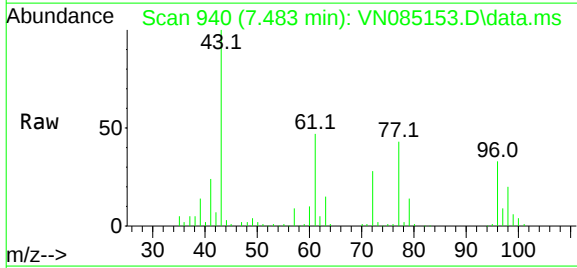
Tgt Ion: 63 Resp: 192887
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 322.655 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

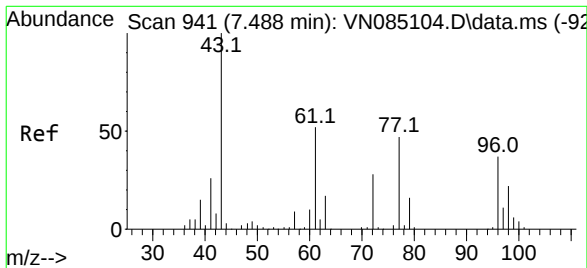
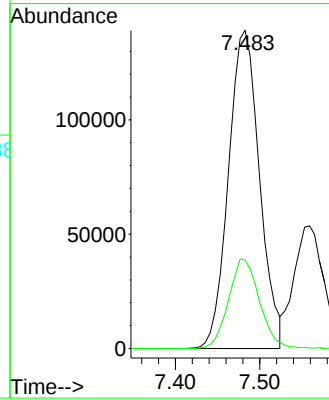
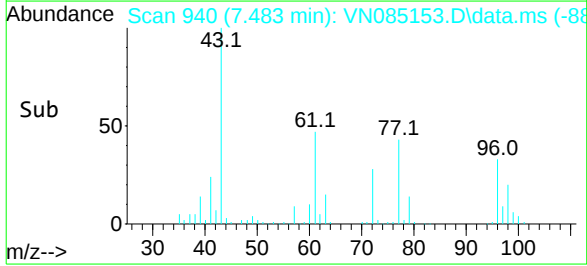
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



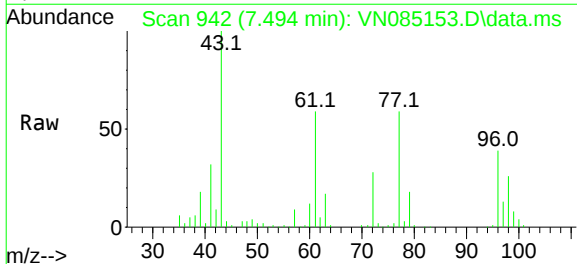
Tgt Ion: 43 Resp: 356129
Ion Ratio Lower Upper
43 100
72 27.8 21.4 32.0

Manual Integrations
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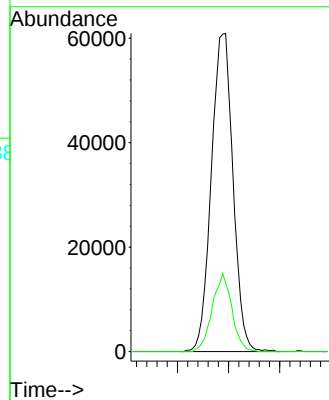
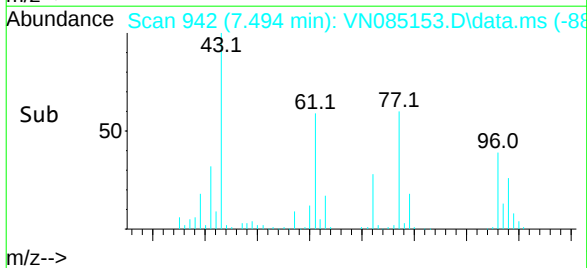
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

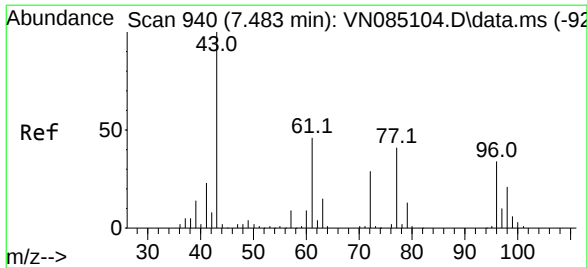


#26
2,2-Dichloropropane
Concen: 54.775 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14



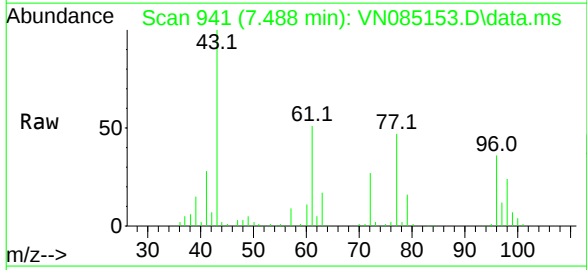
Tgt Ion: 77 Resp: 179376
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 56.300 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

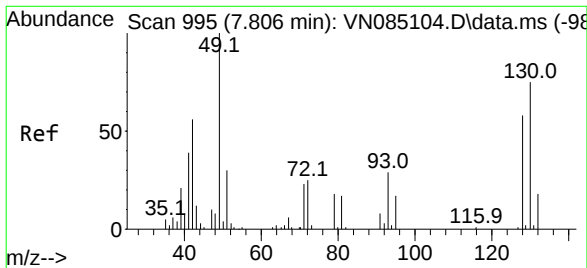
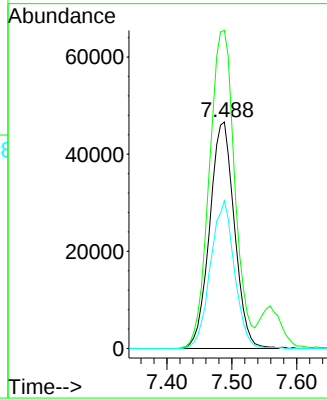
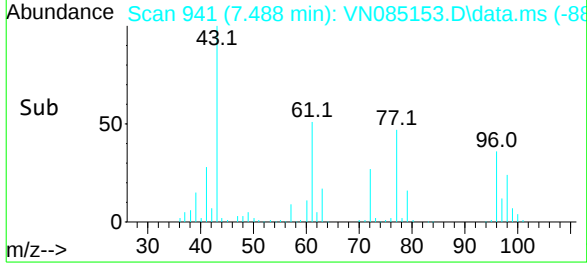
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 123370
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 291.6
 98 63.3 0.0 129.8

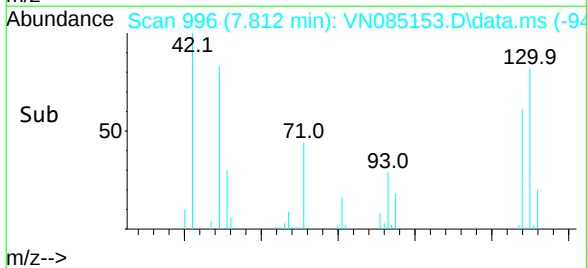
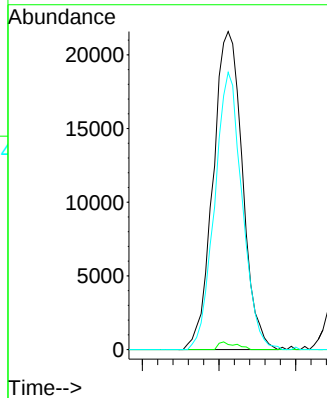
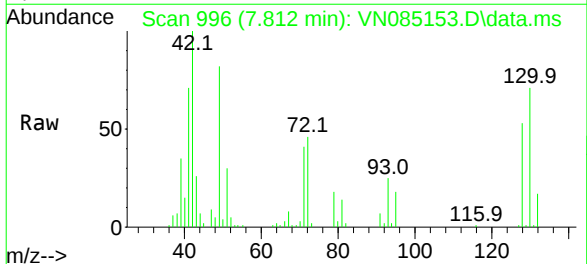
Manual Integrations
 APPROVED

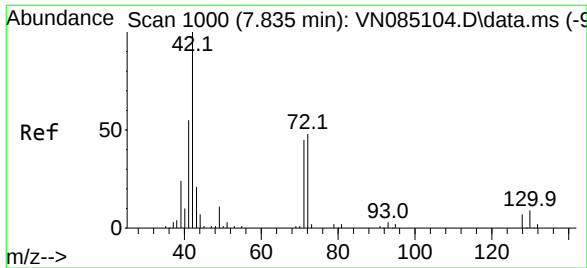
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#28
 Bromochloromethane
 Concen: 43.360 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

Tgt Ion: 49 Resp: 57402
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 81.7 60.6 90.8





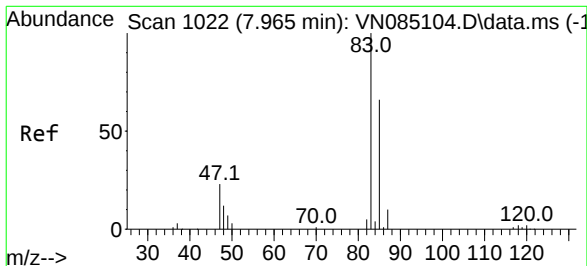
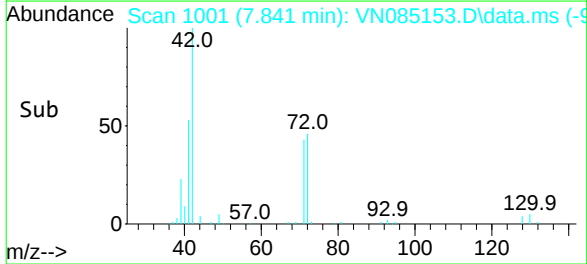
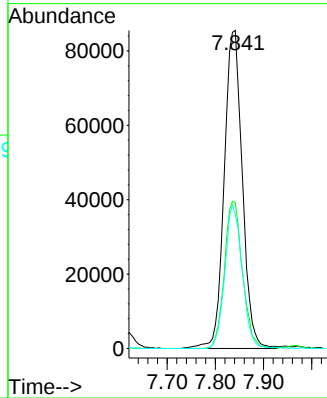
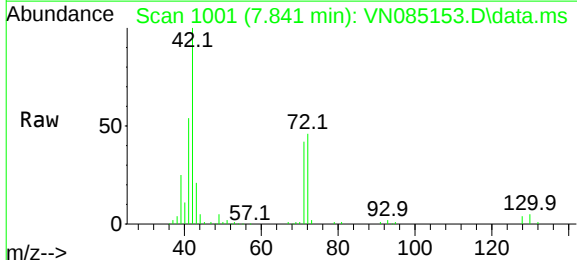
#29
Tetrahydrofuran
Concen: 325.304 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 223283
Ion Ratio Lower Upper
42 100
72 46.2 37.0 55.4
71 43.1 35.0 52.4

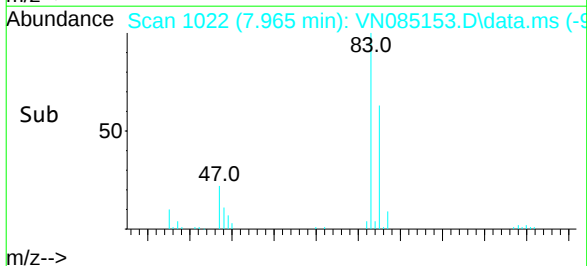
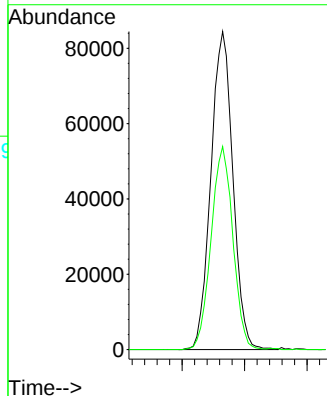
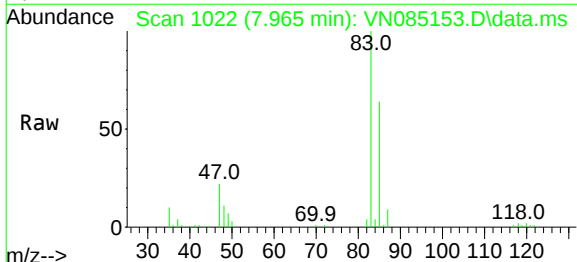
Manual Integrations
APPROVED

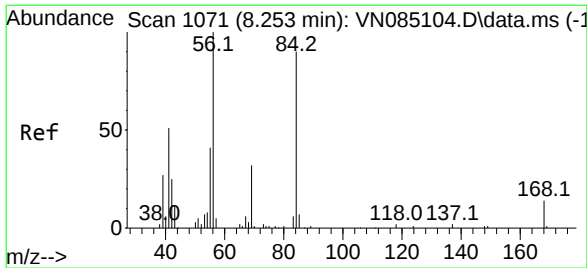
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 55.353 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

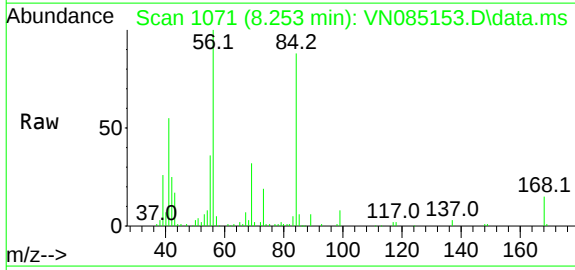
Tgt Ion: 83 Resp: 206502
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8





#31
Cyclohexane
Concen: 50.369 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

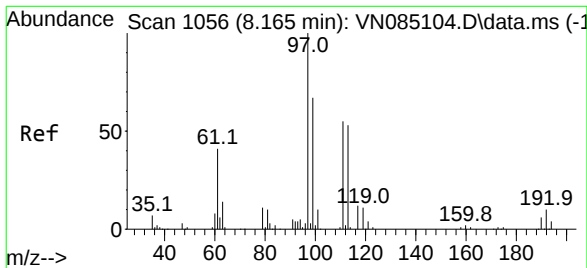
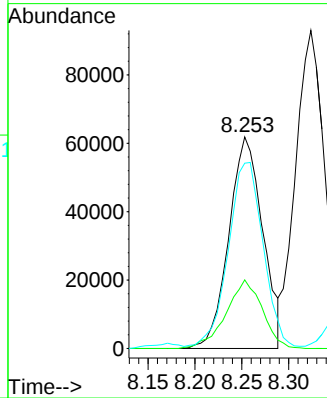
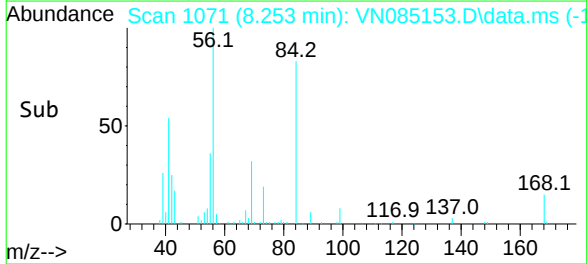
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 155530
Ion Ratio Lower Upper
56 100
69 32.4 24.6 36.8
84 85.9 71.4 107.2

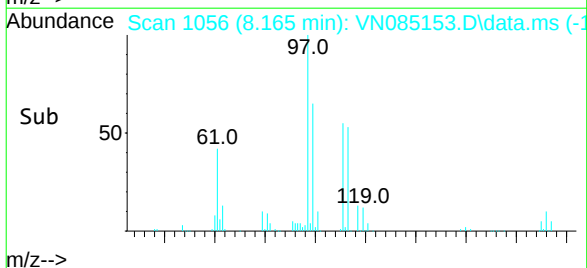
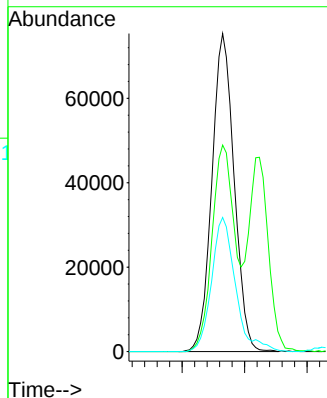
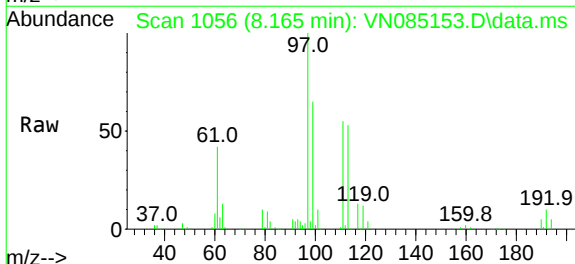
Manual Integrations
APPROVED

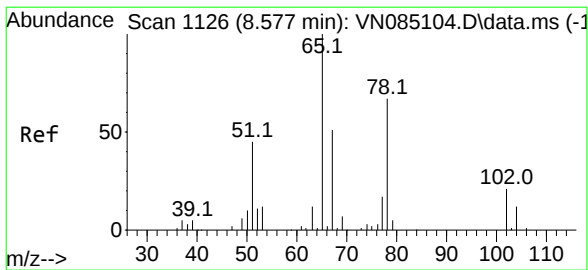
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#32
1,1,1-Trichloroethane
Concen: 55.230 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

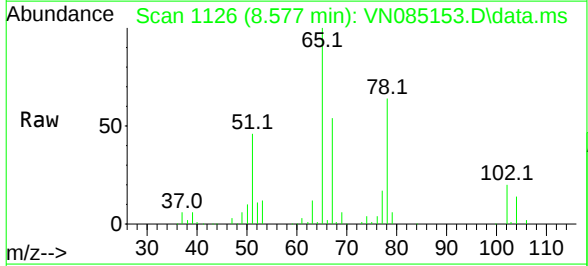
Tgt Ion: 97 Resp: 186189
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 45.4 36.2 54.2





#33
 1,2-Dichloroethane-d4
 Concen: 51.000 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

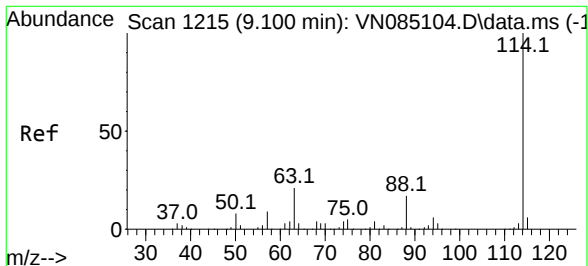
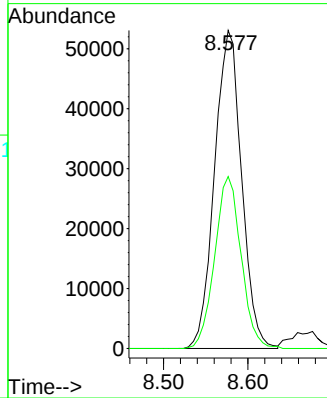
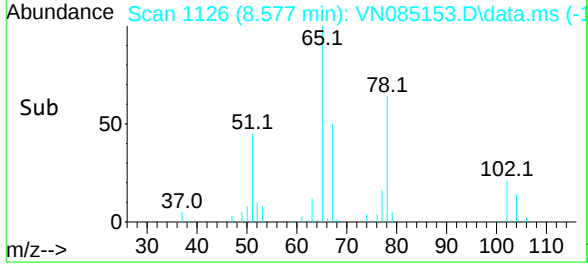
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



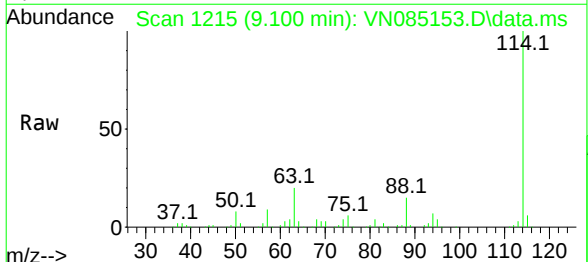
Tgt Ion: 65 Resp: 118220
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0

Manual Integrations
 APPROVED

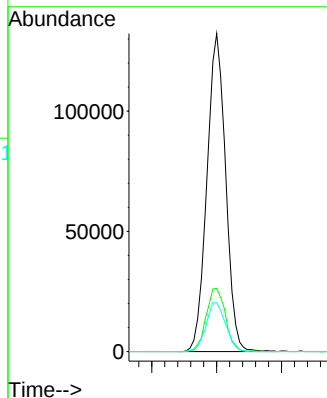
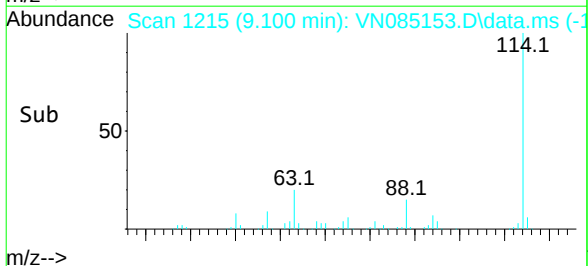
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024

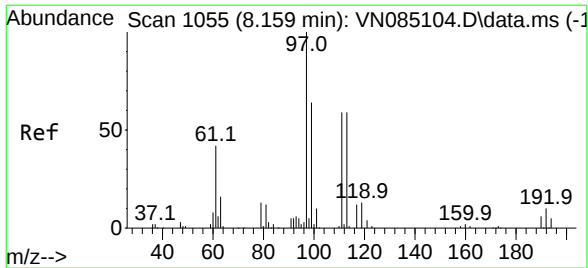


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14



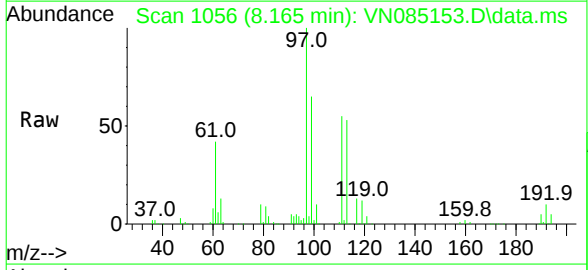
Tgt Ion:114 Resp: 265150
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 15.4 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 53.613 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

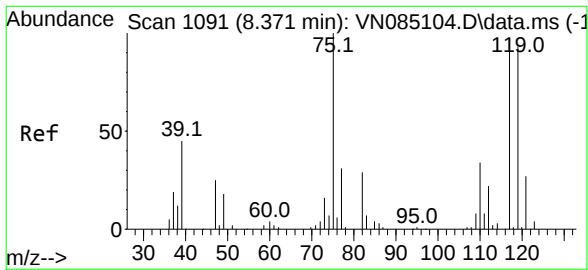
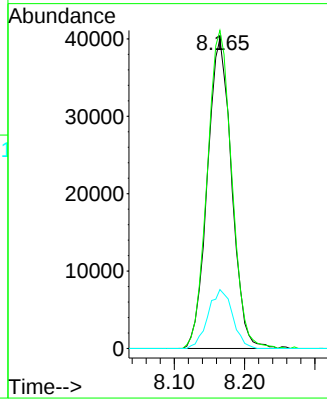
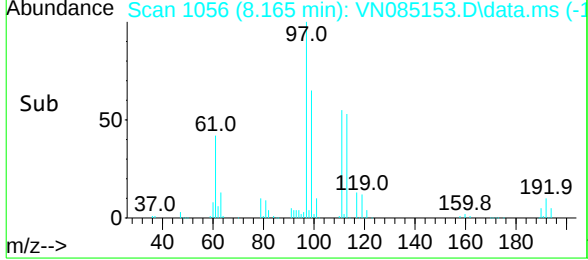
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	95864
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	19.2	14.8	22.2

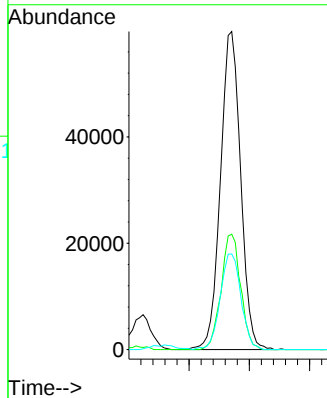
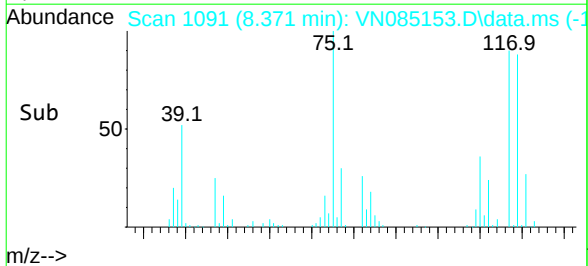
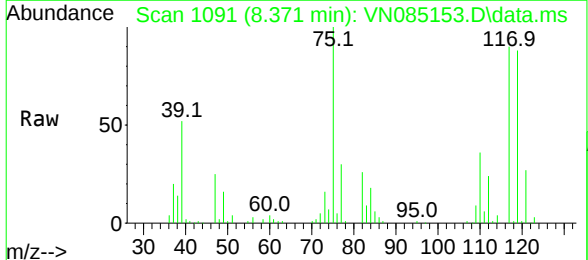
Manual Integrations
 APPROVED

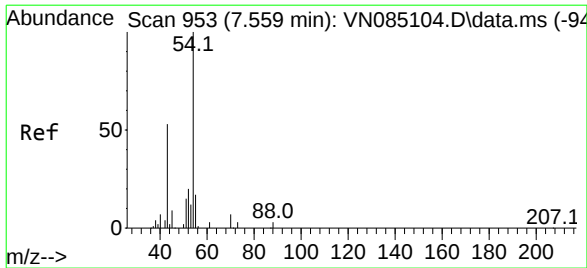
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#36
 1,1-Dichloropropene
 Concen: 57.518 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

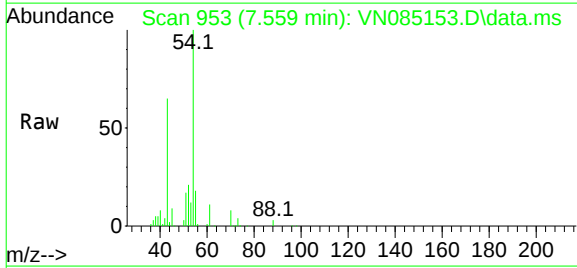
Tgt Ion:	75	Resp:	139304
Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.2	51.6
77	31.0	24.2	36.4





#37
Ethyl Acetate
Concen: 62.778 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

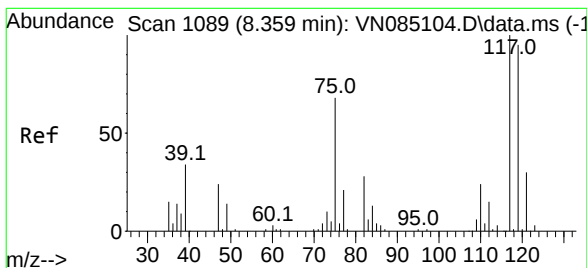
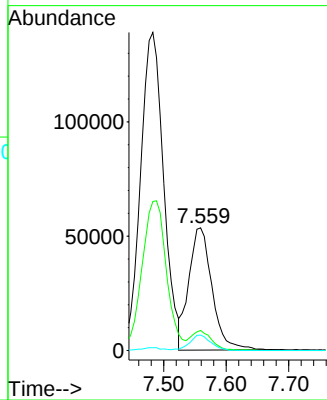
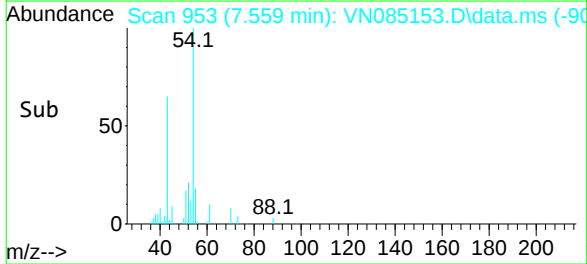
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 138225
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 11.5 9.3 13.9

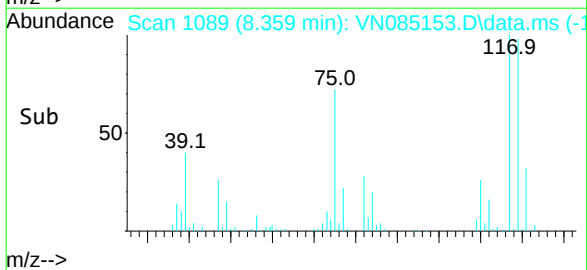
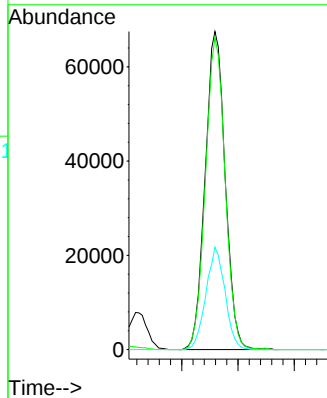
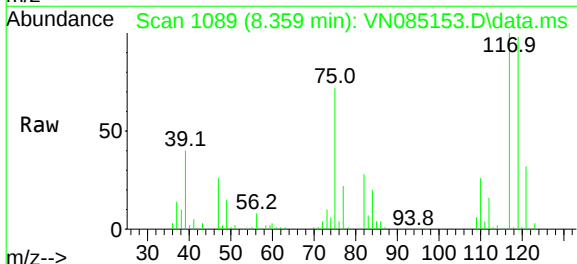
Manual Integrations
APPROVED

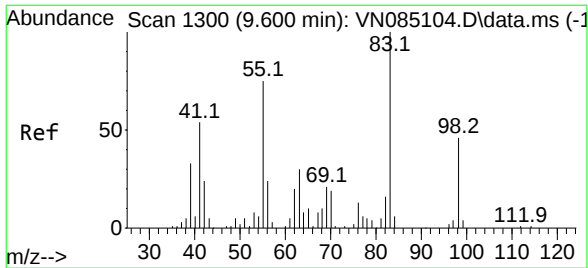
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 59.696 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

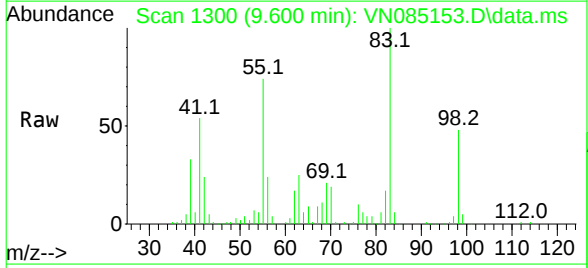
Tgt Ion:117 Resp: 166889
Ion Ratio Lower Upper
117 100
119 98.0 78.6 117.8
121 32.2 24.2 36.2





#39
Methylcyclohexane
Concen: 60.980 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

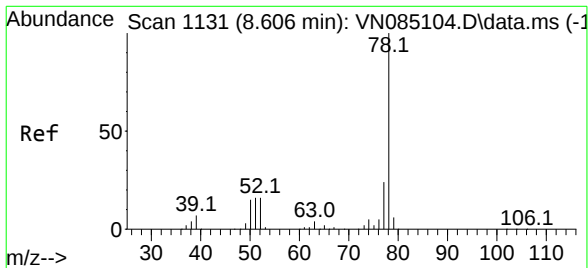
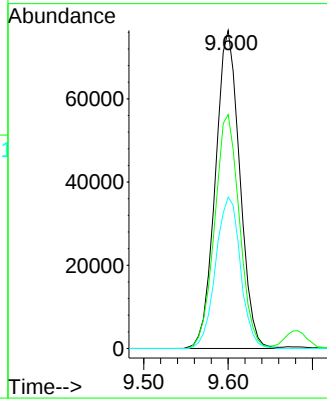
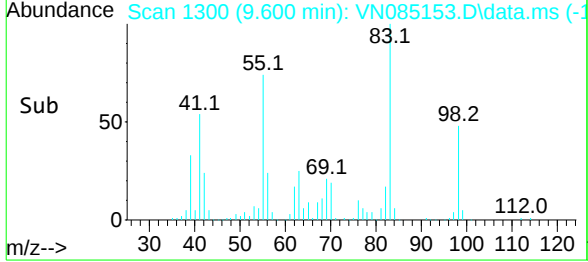
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 153471
Ion Ratio Lower Upper
83 100
55 73.6 61.8 92.6
98 47.6 37.0 55.6

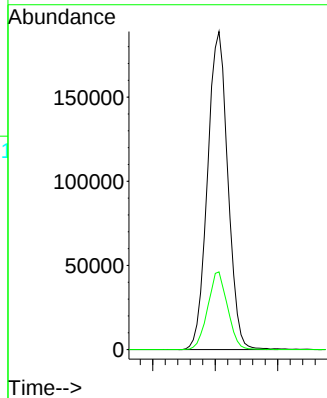
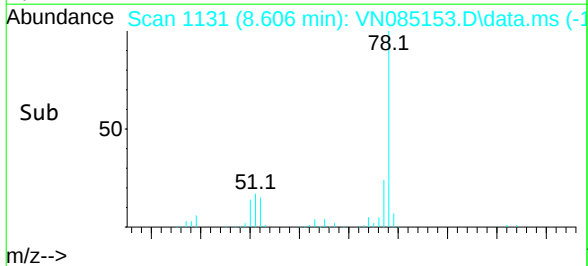
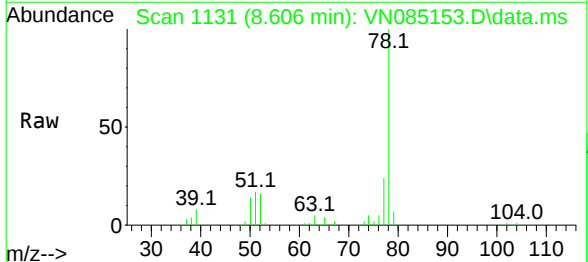
Manual Integrations
APPROVED

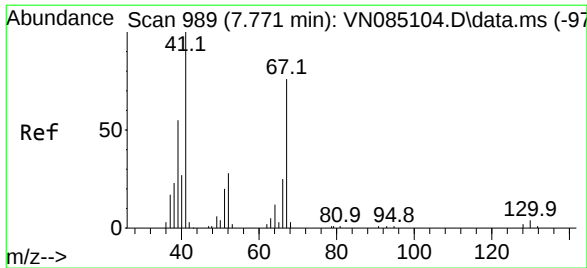
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 55.734 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 78 Resp: 426932
Ion Ratio Lower Upper
78 100
77 24.4 18.5 27.7





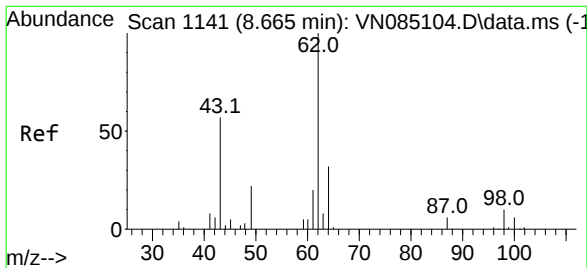
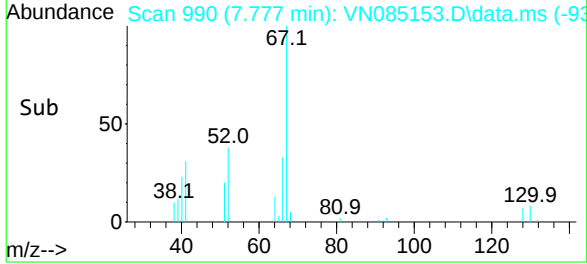
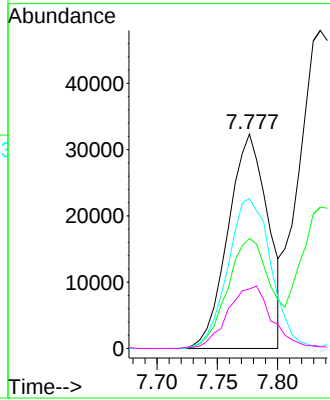
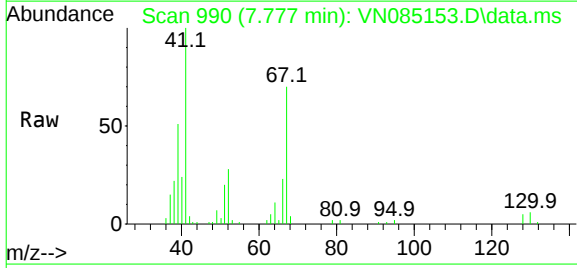
#41
Methacrylonitrile
Concen: 60.938 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 74288
Ion Ratio	Lower Upper
41 100	
39 56.4	42.6 63.8
67 76.1	59.9 89.9
52 32.6	24.8 37.2

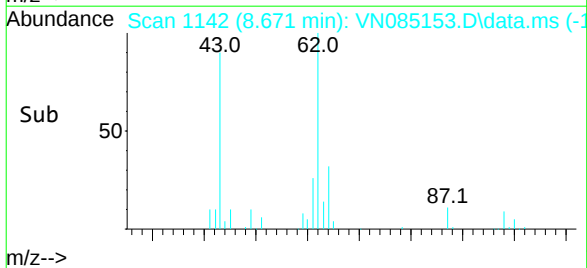
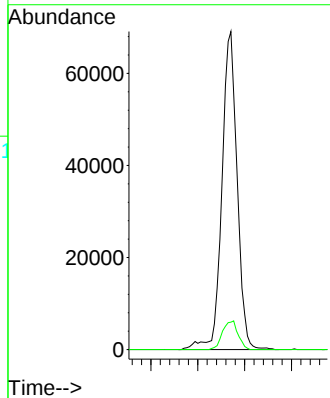
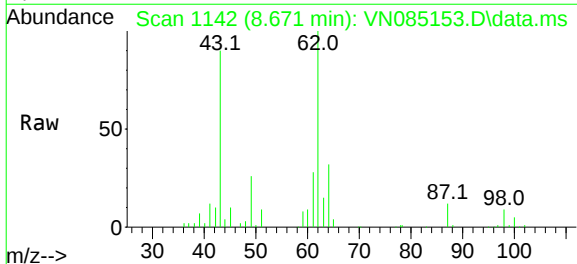
Manual Integrations
APPROVED

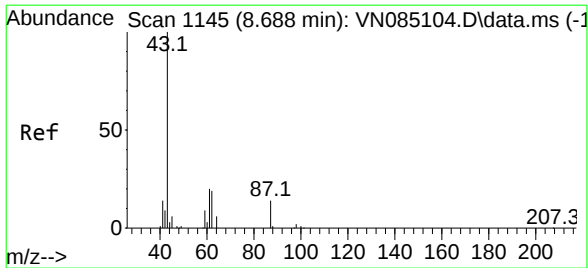
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 59.637 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 62	Resp: 156285
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 18.2





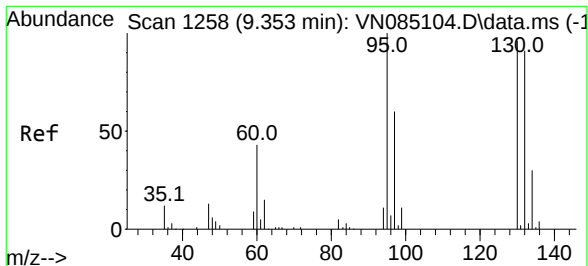
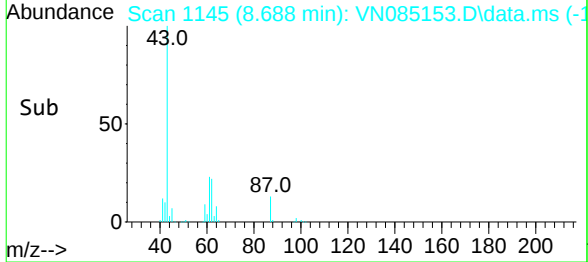
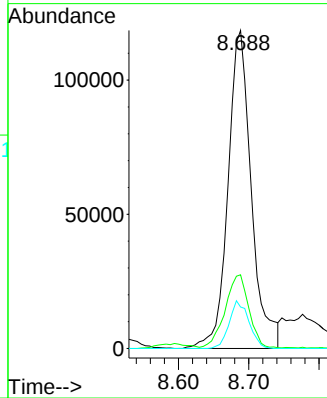
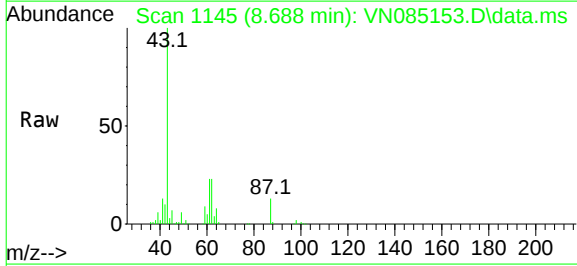
#43
Isopropyl Acetate
Concen: 59.842 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 273688
Ion Ratio Lower Upper
43 100
61 23.4 20.6 30.8
87 12.7 11.0 16.4

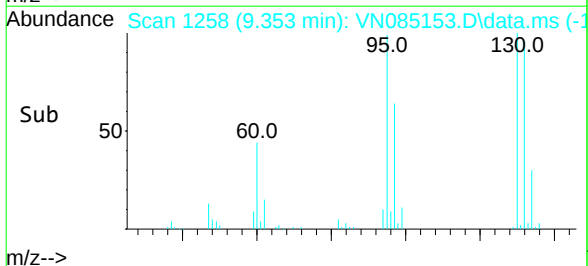
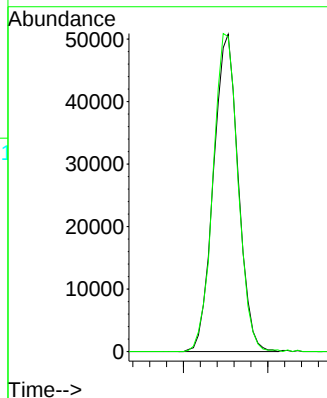
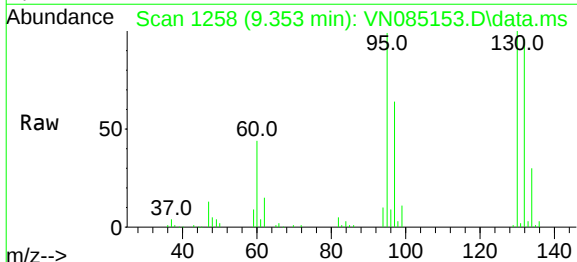
Manual Integrations
APPROVED

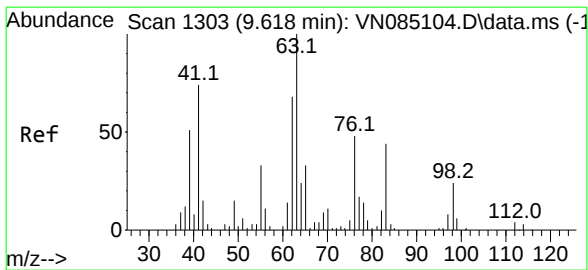
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#44
Trichloroethene
Concen: 58.195 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:130 Resp: 103598
Ion Ratio Lower Upper
130 100
95 99.3 0.0 213.4





#45

1,2-Dichloropropane

Concen: 57.347 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 108197

Ion Ratio Lower Upper

63 100

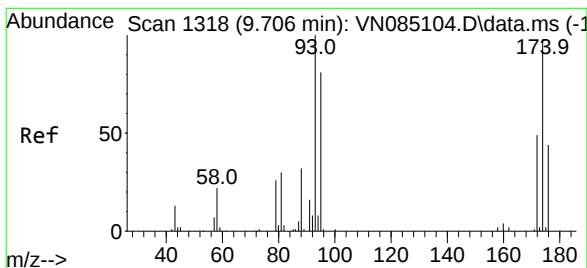
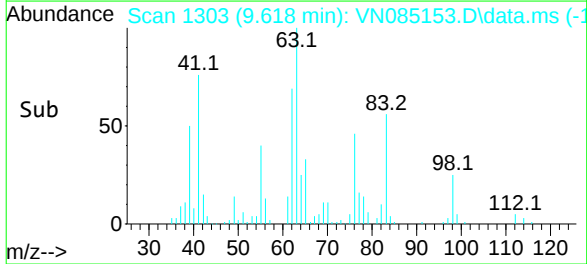
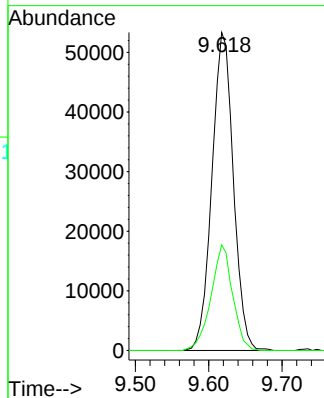
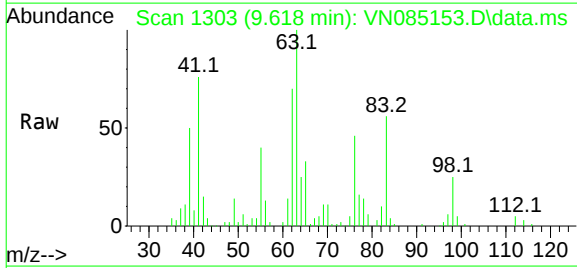
65 33.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#46

Dibromomethane

Concen: 59.757 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

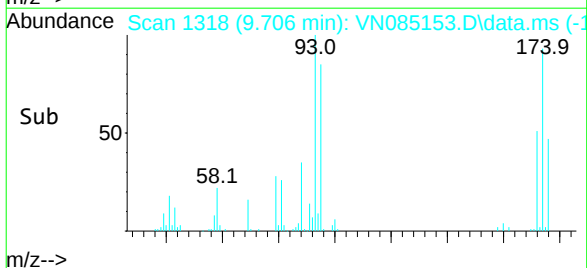
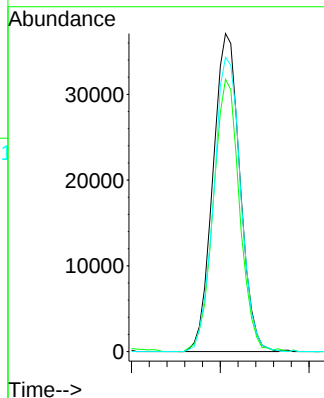
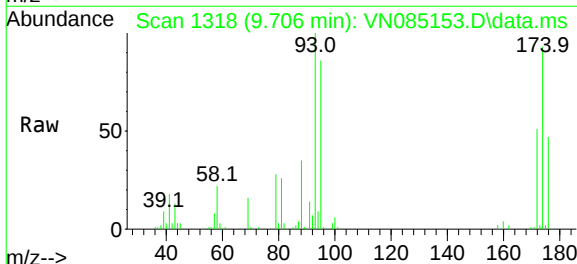
Tgt Ion: 93 Resp: 78342

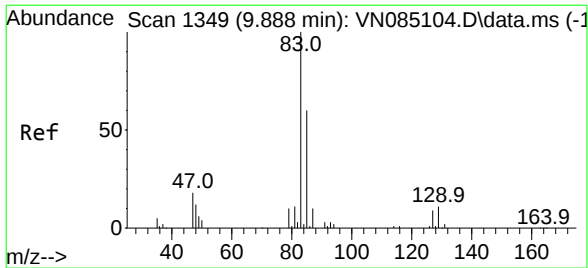
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 92.3 74.9 112.3





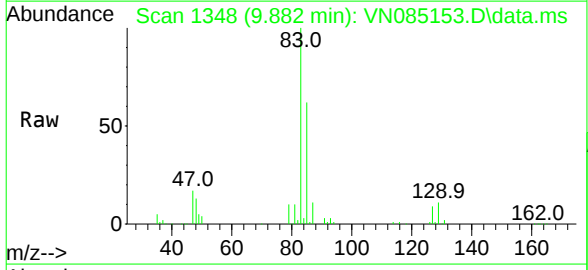
#47
 Bromodichloromethane
 Concen: 60.258 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

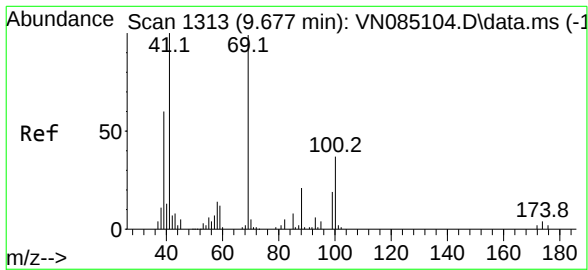
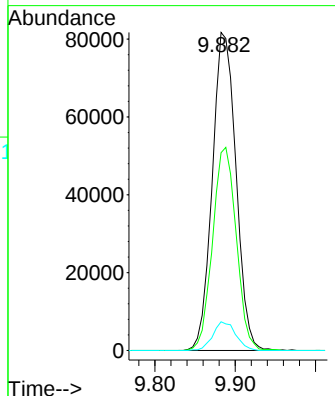
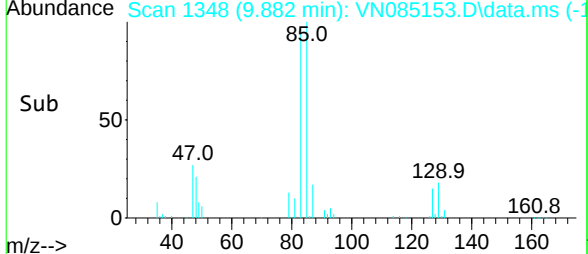
VSTDCCC050EC



Tgt Ion:	83	Resp:	167432
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.5	75.7
127	9.0	7.1	10.7

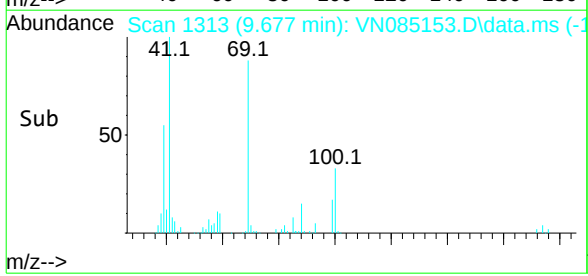
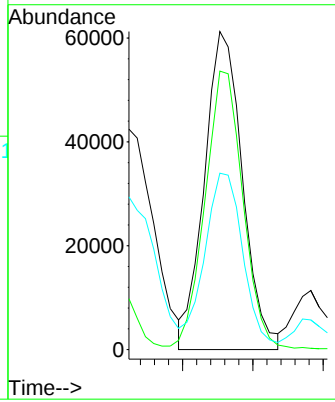
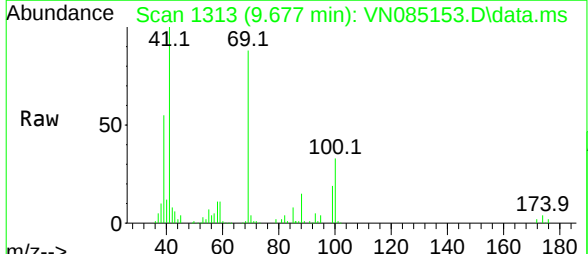
Manual Integrations
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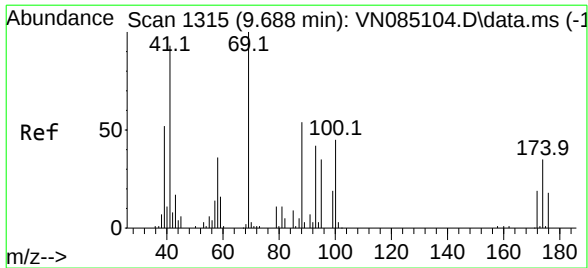
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#48
 Methyl methacrylate
 Concen: 67.720 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085153.D
 Acq: 09 Dec 2024 16:14

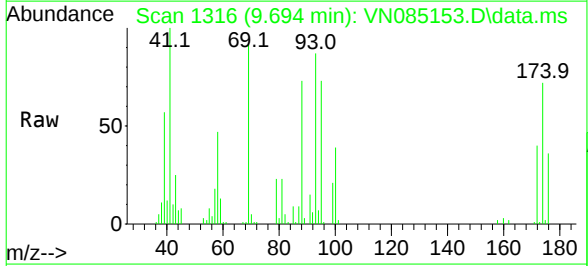
Tgt Ion:	41	Resp:	115253
Ion	Ratio	Lower	Upper
41	100		
69	87.7	73.2	109.8
39	56.4	46.2	69.4





#49
1,4-Dioxane
Concen: 1457.126 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

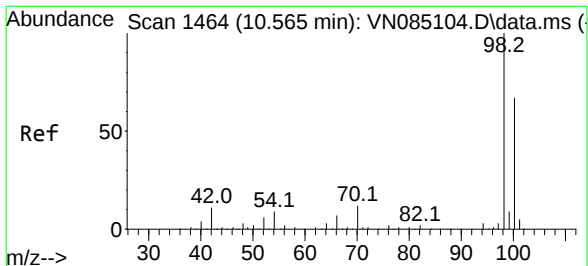
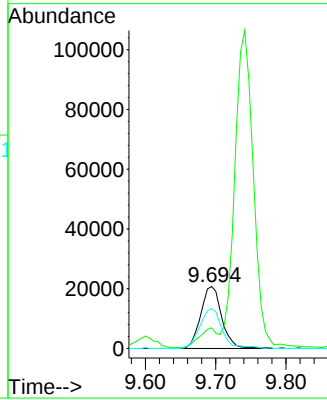
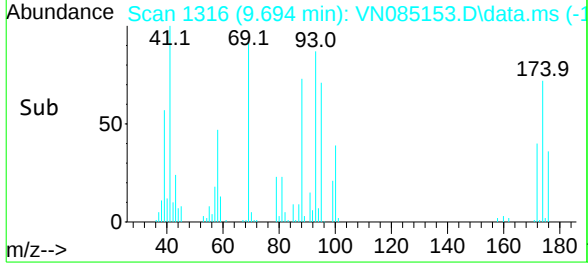
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 43006
Ion Ratio Lower Upper
88 100
43 28.5 16.7 25.1#
58 68.4 56.5 84.7

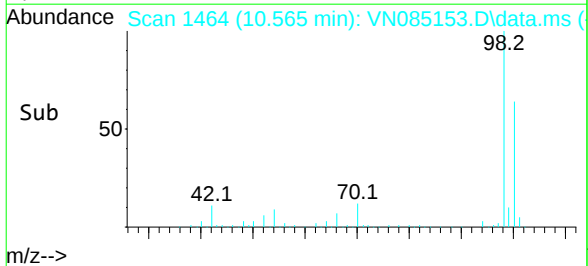
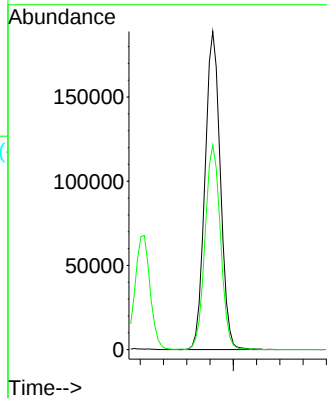
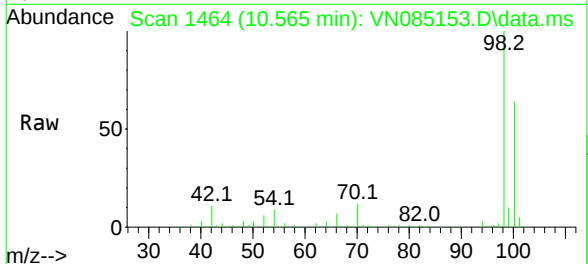
Manual Integrations
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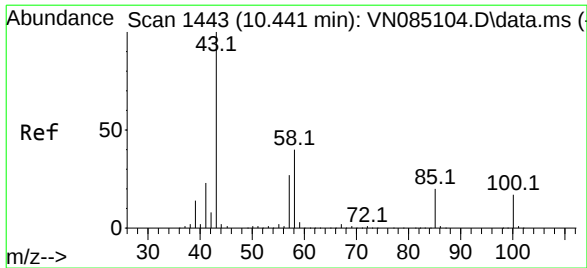
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#50
Toluene-d8
Concen: 53.987 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 98 Resp: 345955
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





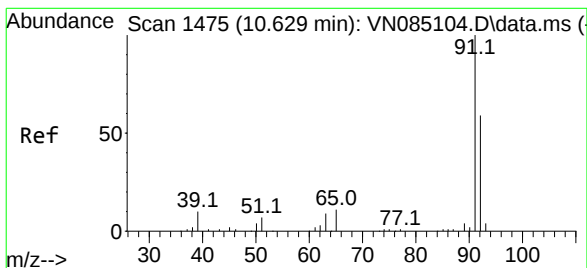
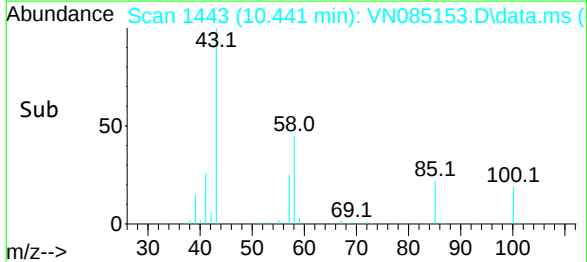
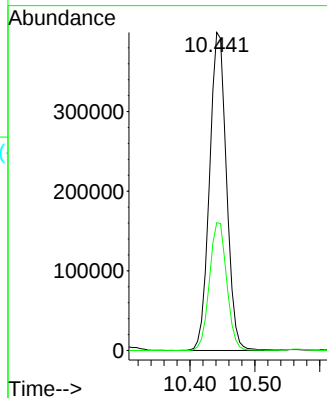
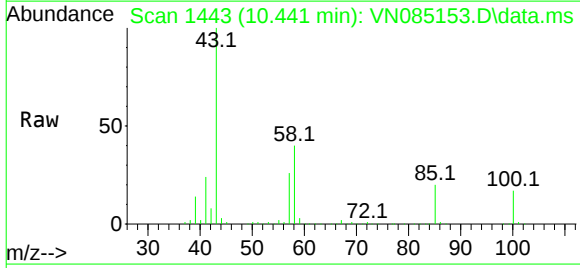
#51
4-Methyl-2-Pentanone
Concen: 347.299 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 725499
Ion Ratio Lower Upper
43 100
58 40.9 32.1 48.1

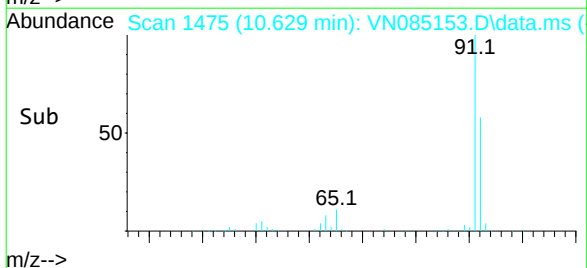
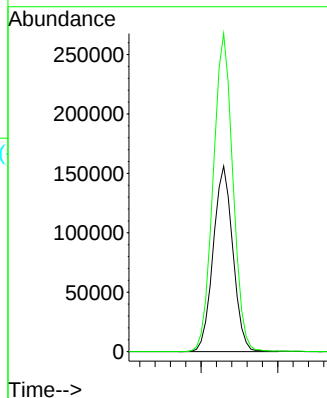
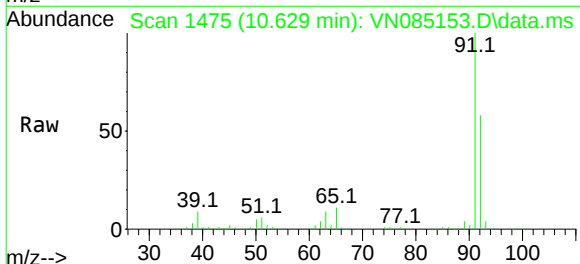
Manual Integrations
APPROVED

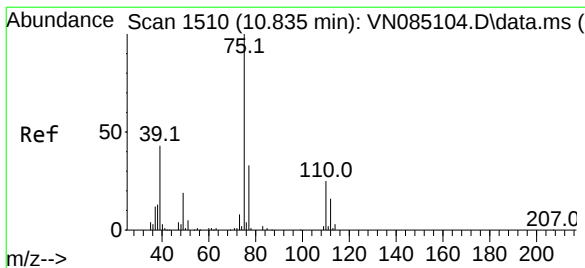
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#52
Toluene
Concen: 61.119 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

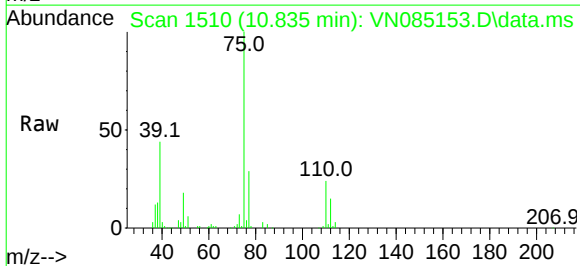
Tgt Ion: 92 Resp: 277164
Ion Ratio Lower Upper
92 100
91 172.7 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 61.118 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

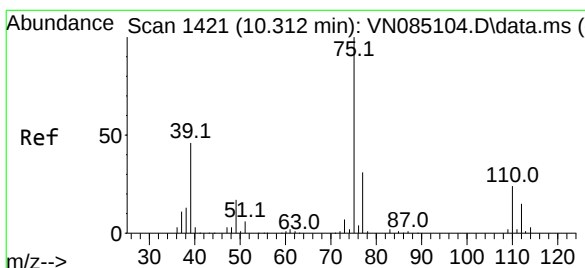
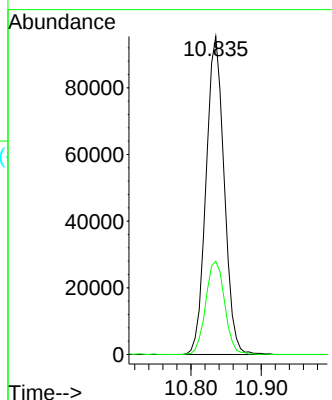
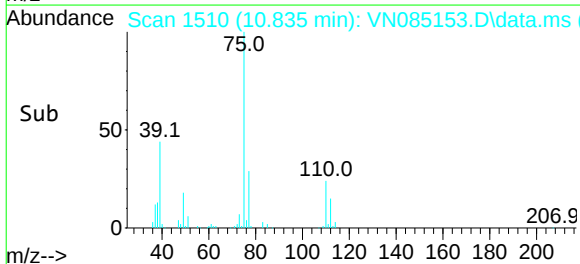
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 170255
Ion Ratio Lower Upper
75 100
77 29.3 25.0 37.4

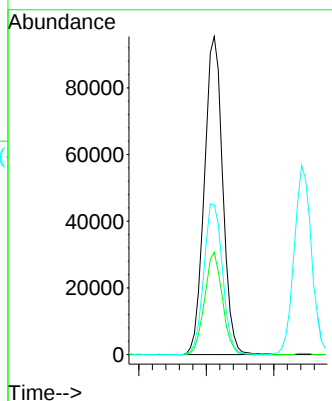
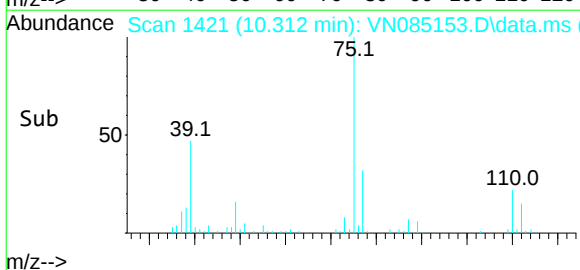
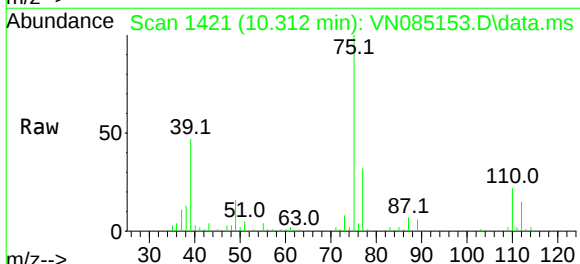
Manual Integrations
APPROVED

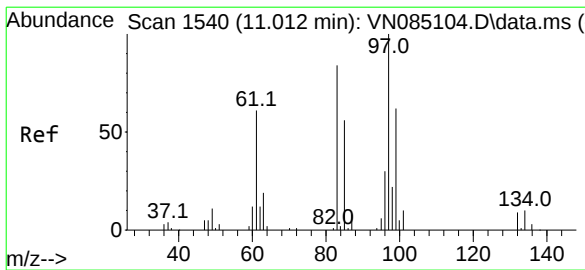
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#54
cis-1,3-Dichloropropene
Concen: 60.963 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

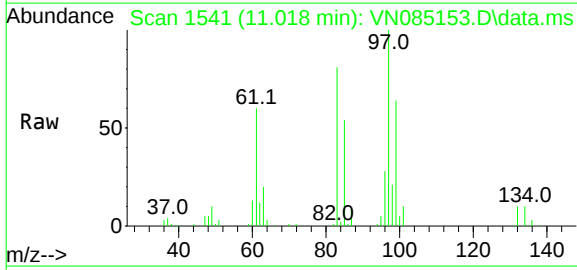
Tgt Ion: 75 Resp: 180164
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 47.1 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 61.496 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

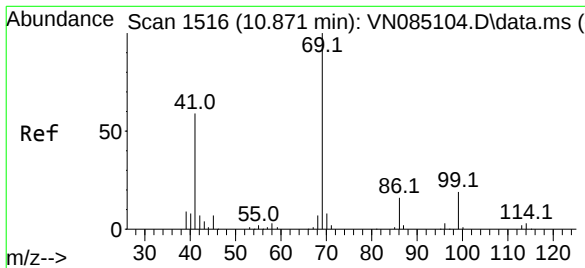
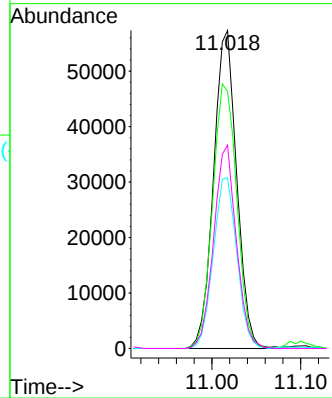
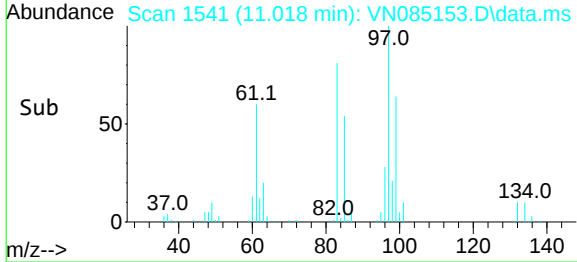
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 103873
Ion Ratio Lower Upper
97 100
83 80.8 67.4 101.2
85 53.7 43.1 64.7
99 64.0 50.9 76.3

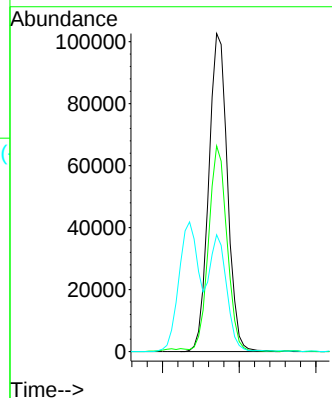
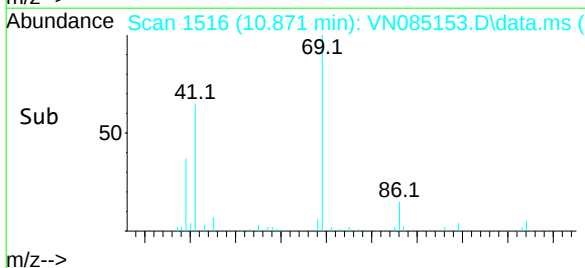
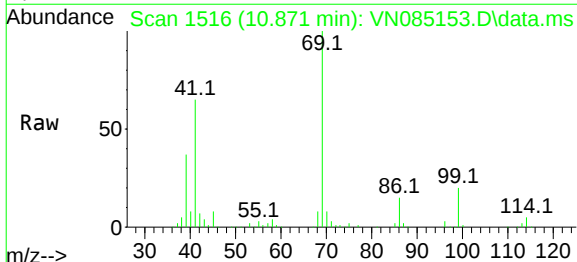
Manual Integrations
APPROVED

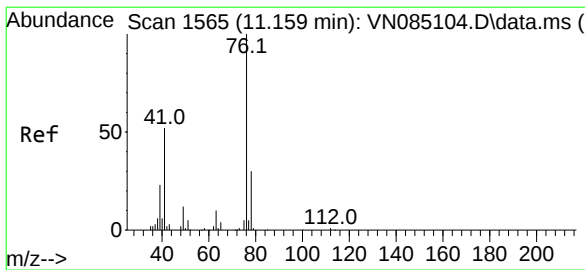
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#56
Ethyl methacrylate
Concen: 70.497 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

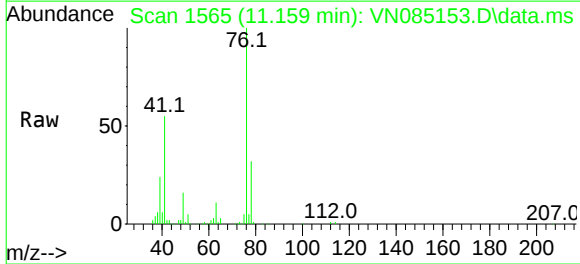
Tgt Ion: 69 Resp: 174001
Ion Ratio Lower Upper
69 100
41 63.7 50.0 75.0
39 34.9 27.0 40.6





#57
1,3-Dichloropropane
Concen: 59.747 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

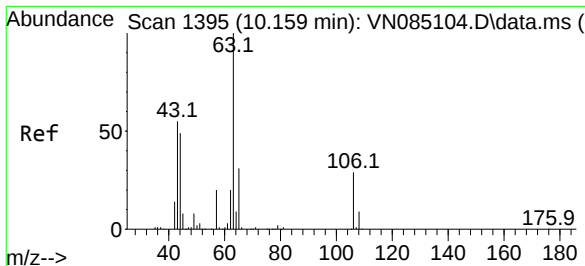
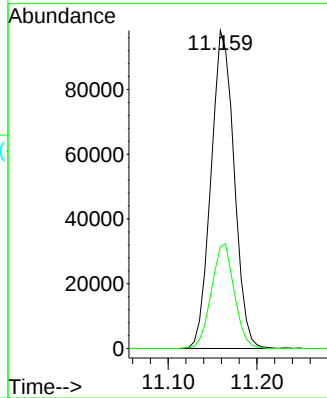
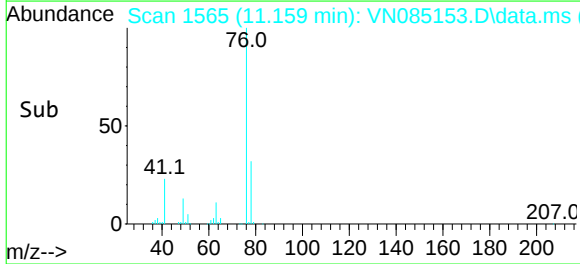
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 177618
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

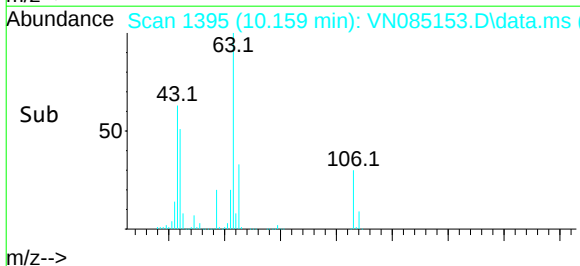
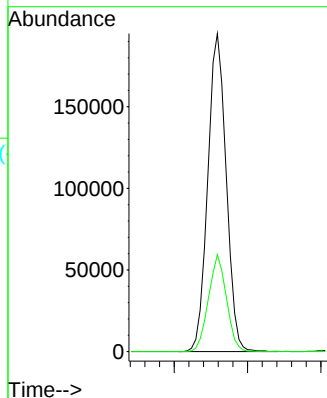
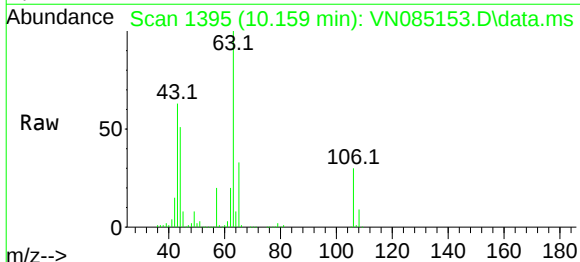
Manual Integrations
APPROVED

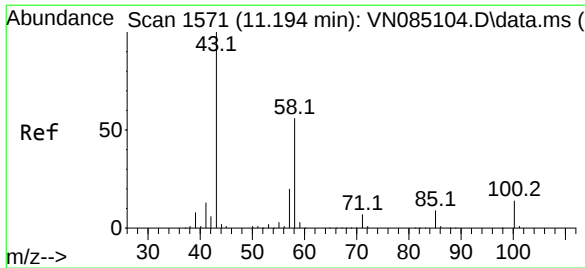
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 280.990 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 63 Resp: 340202
Ion Ratio Lower Upper
63 100
106 29.7 23.0 34.6





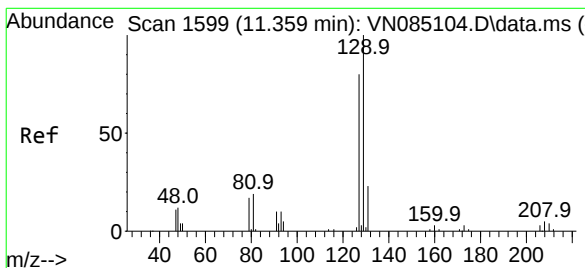
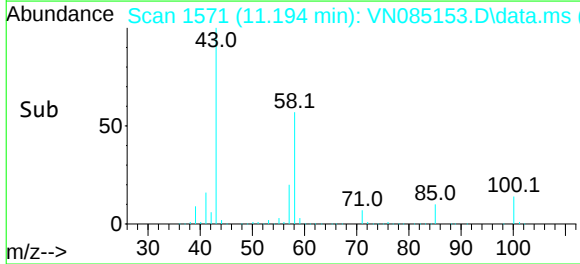
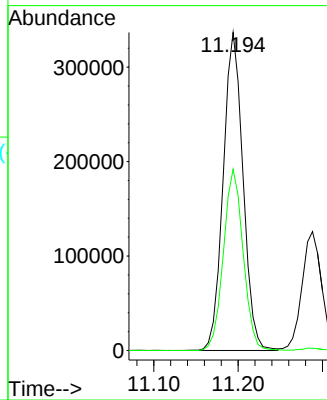
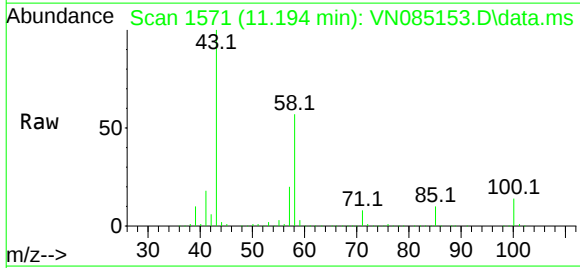
#59
2-Hexanone
Concen: 351.625 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 549363
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0

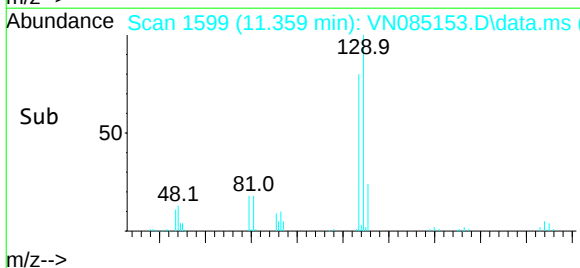
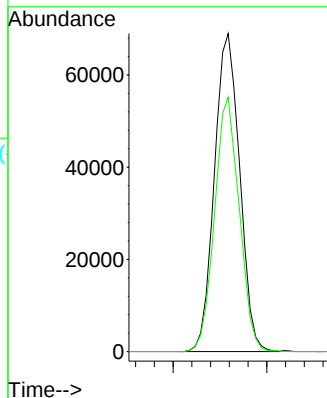
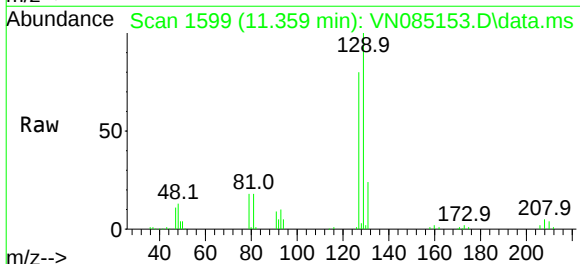
Manual Integrations
APPROVED

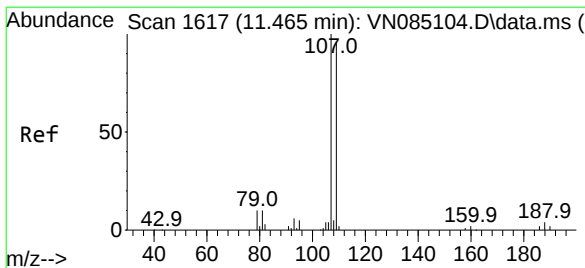
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 62.448 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

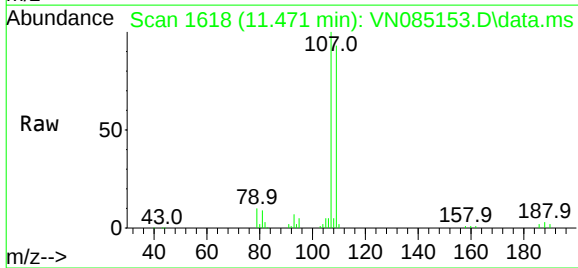
Tgt Ion:129 Resp: 128913
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 62.224 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

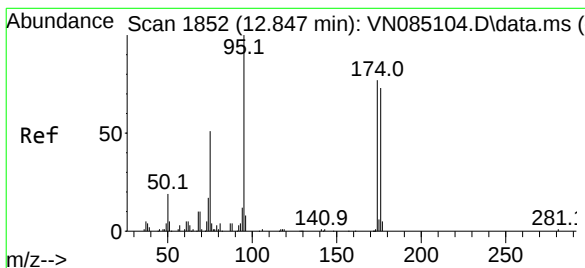
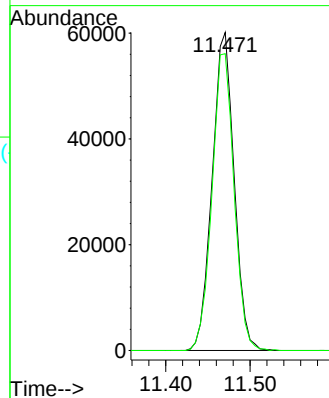
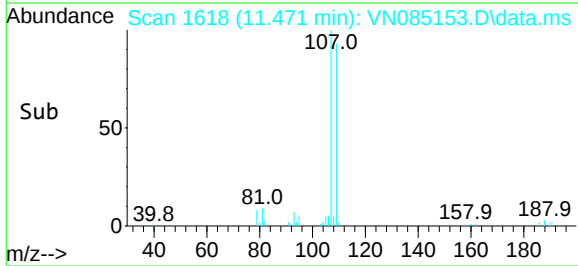
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 108774
Ion Ratio Lower Upper
107 100
109 94.0 76.1 114.1

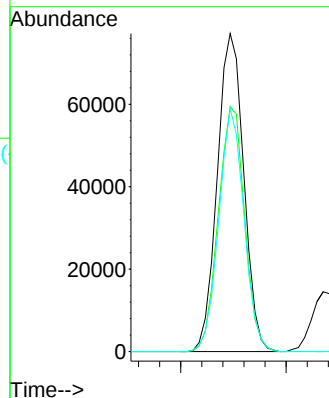
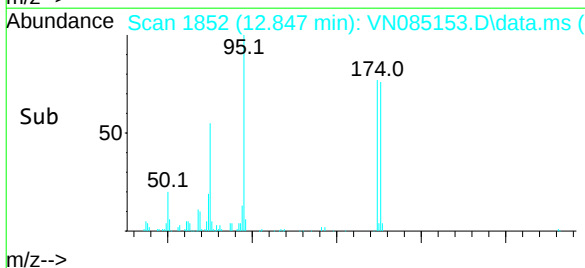
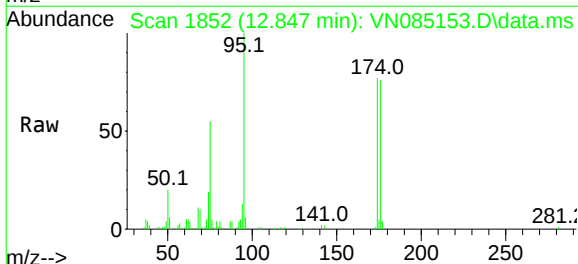
Manual Integrations
APPROVED

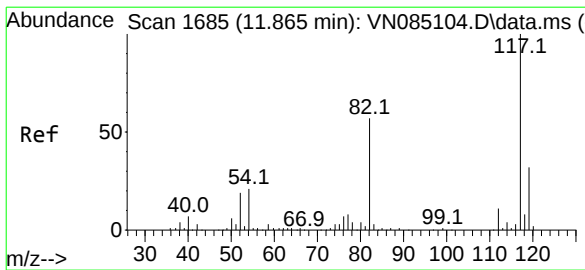
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 56.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 95 Resp: 134293
Ion Ratio Lower Upper
95 100
174 76.6 0.0 146.6
176 72.8 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

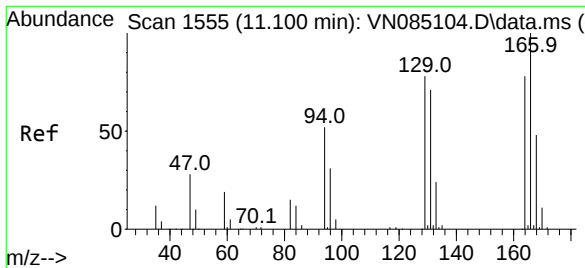
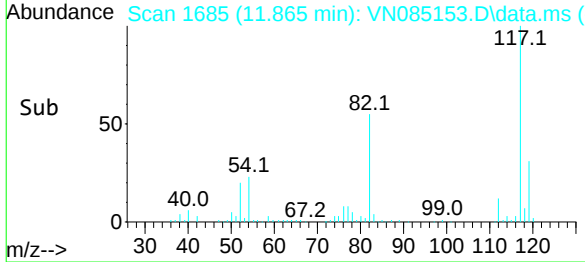
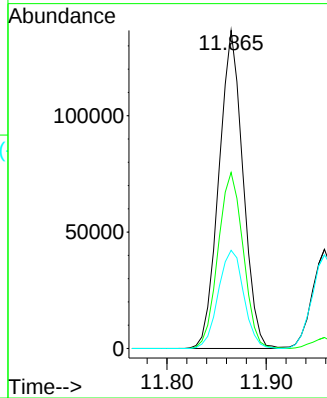
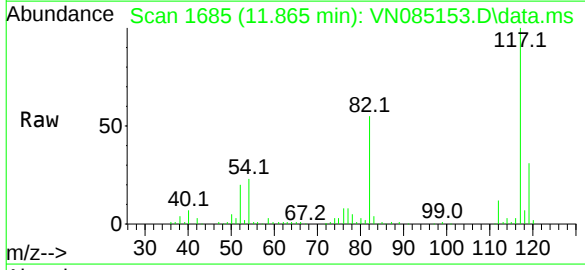
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 230771

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.0	69.0
119	30.9	25.6	38.4

Manual Integrations
APPROVED

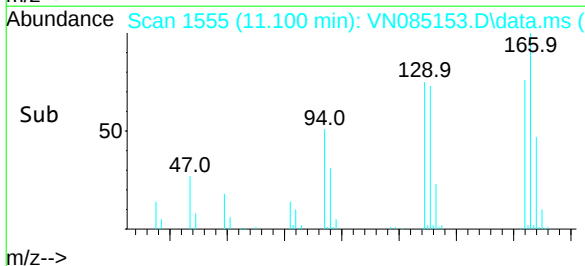
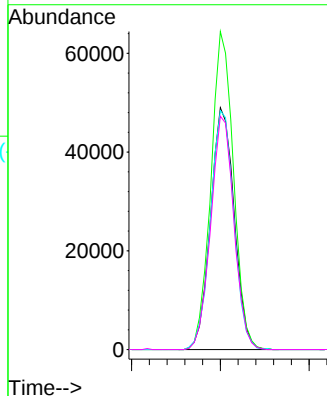
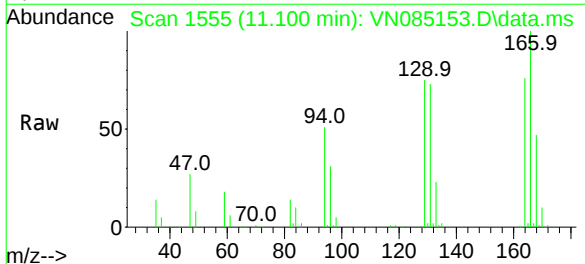
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

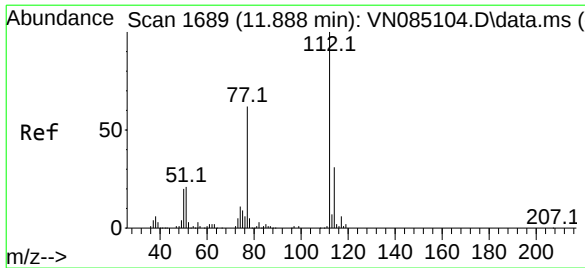


#64
Tetrachloroethene
Concen: 58.408 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:164 Resp: 90824

Ion	Ratio	Lower	Upper
164	100		
166	131.5	100.6	151.0
129	98.8	77.7	116.5
131	96.5	77.2	115.8





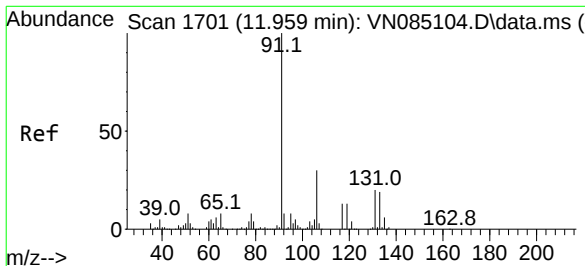
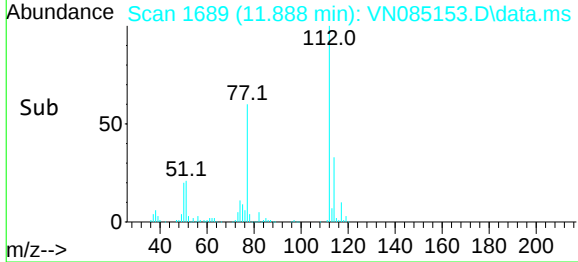
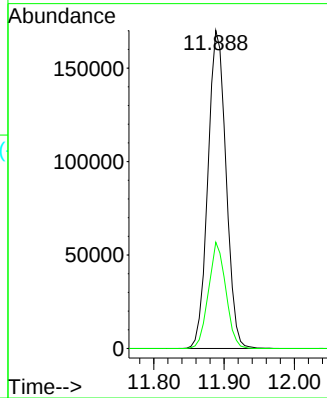
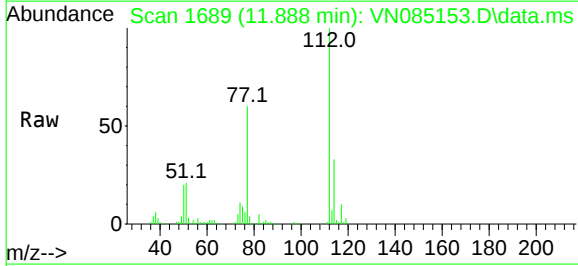
#65
Chlorobenzene
Concen: 58.266 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 304940
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6

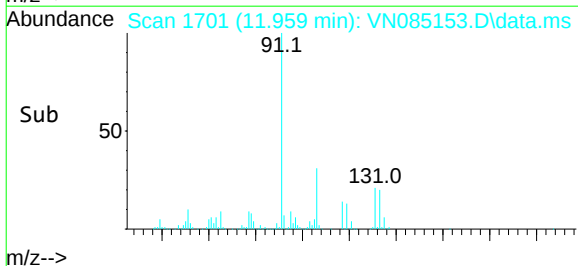
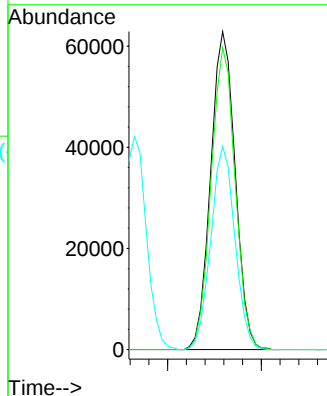
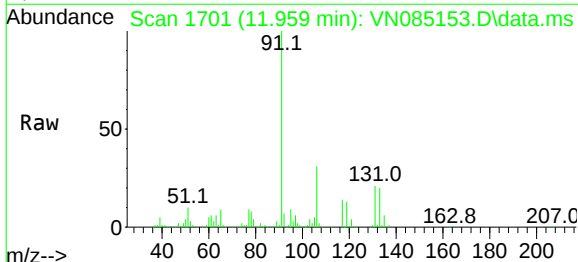
Manual Integrations
APPROVED

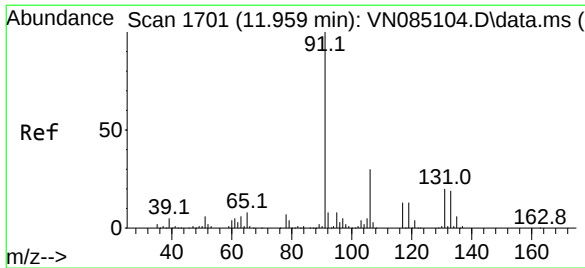
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 61.967 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:131 Resp: 114186
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.4
119 62.9 32.1 96.3





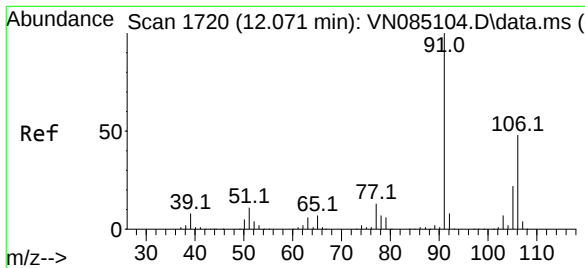
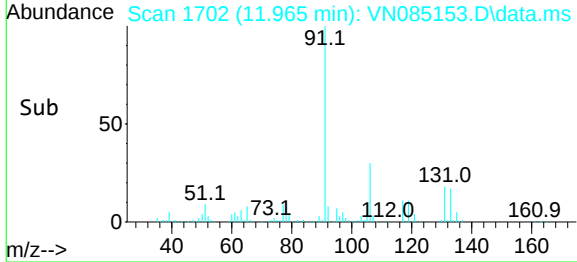
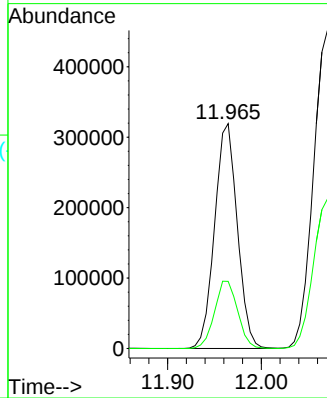
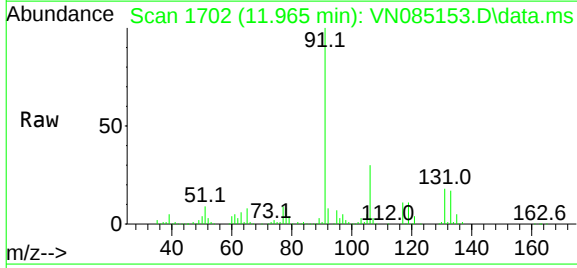
#67
Ethyl Benzene
Concen: 63.337 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 537789
Ion Ratio Lower Upper
91 100
106 29.8 24.7 37.1

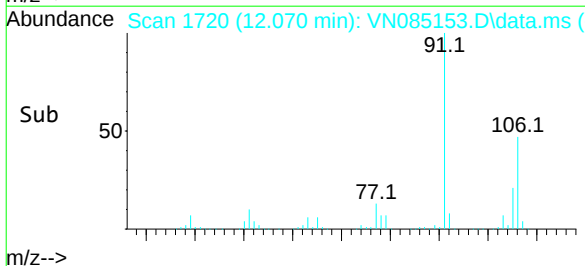
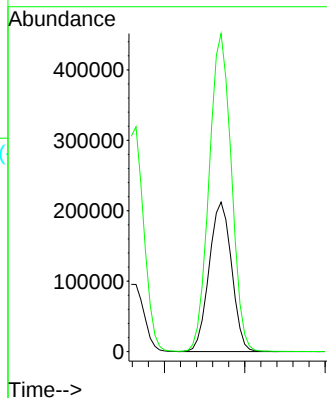
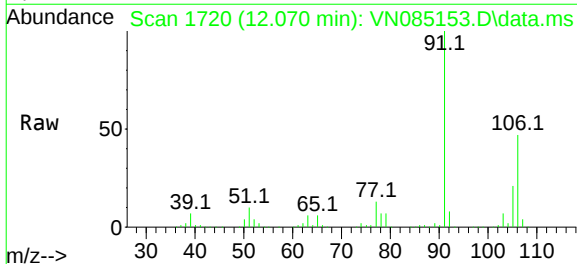
Manual Integrations
APPROVED

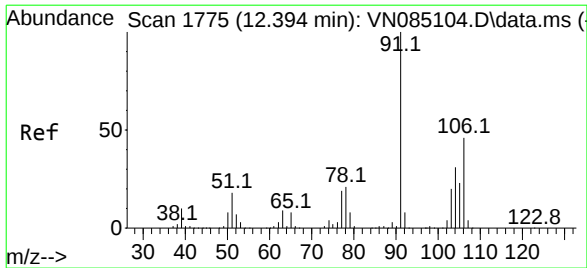
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#68
m/p-Xylenes
Concen: 127.766 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:106 Resp: 413021
Ion Ratio Lower Upper
106 100
91 210.4 168.0 252.0





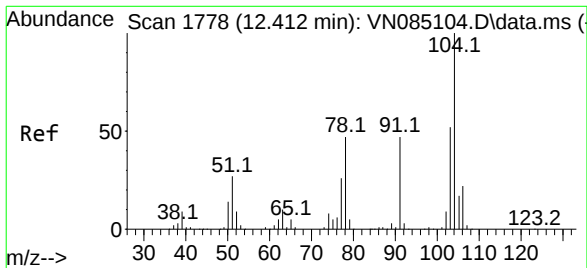
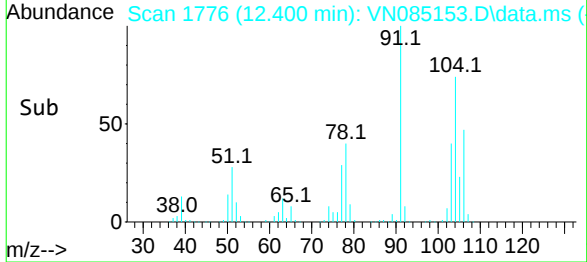
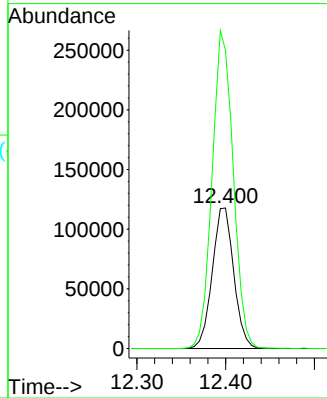
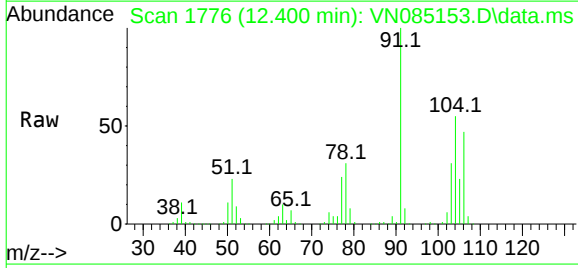
#69
o-Xylene
Concen: 64.428 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 198117
Ion Ratio Lower Upper
106 100
91 222.5 110.7 331.9

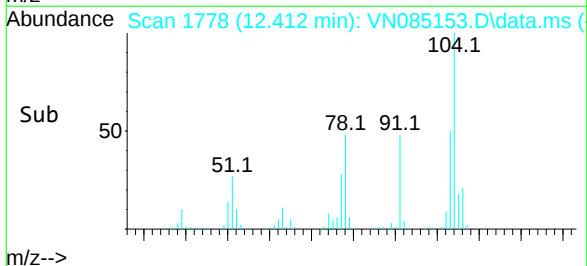
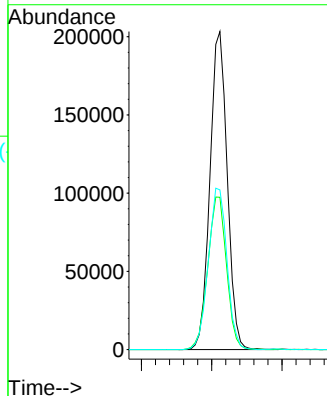
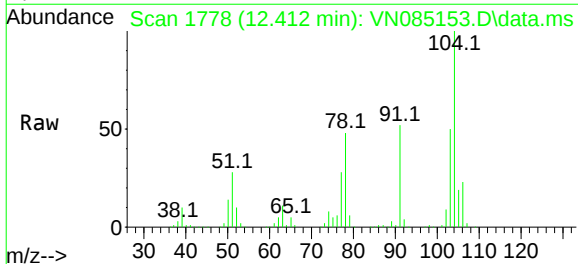
Manual Integrations
APPROVED

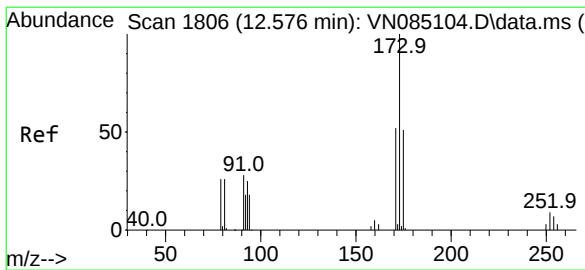
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 67.883 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:104 Resp: 347132
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 54.9 44.2 66.2





#71

Bromoform

Concen: 67.320 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 92080

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.2

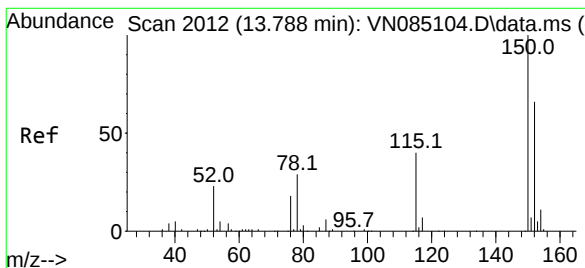
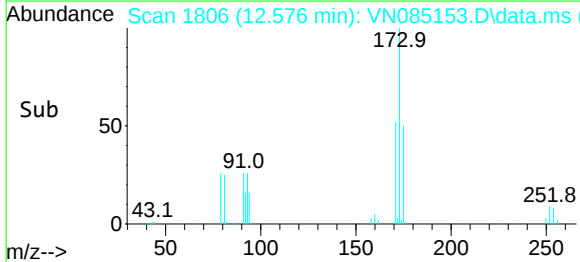
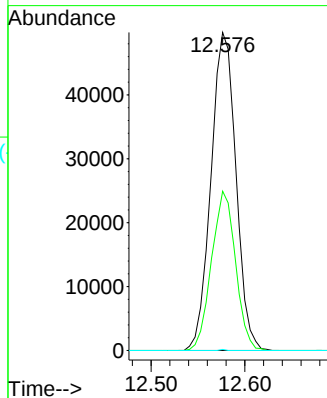
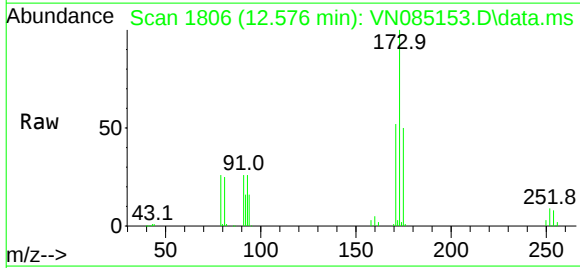
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

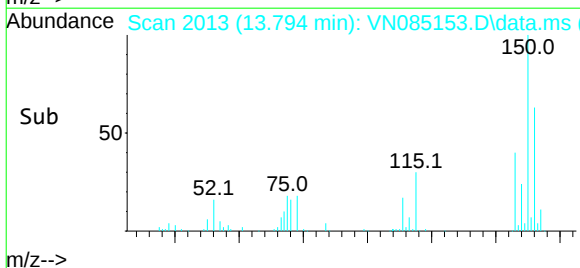
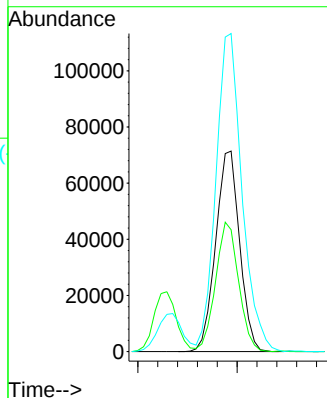
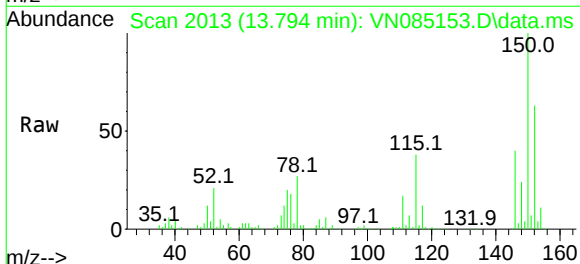
Tgt Ion:152 Resp: 119527

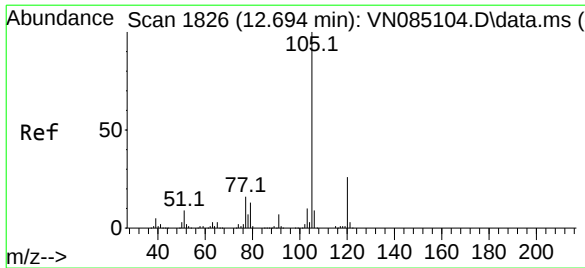
Ion Ratio Lower Upper

152 100

115 62.1 31.7 95.1

150 172.2 0.0 351.4





#73

Isopropylbenzene

Concen: 60.785 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 512549

Ion Ratio Lower Upper

105 100

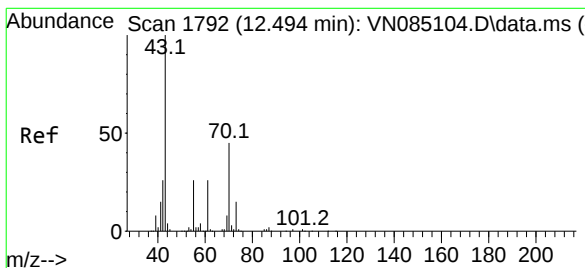
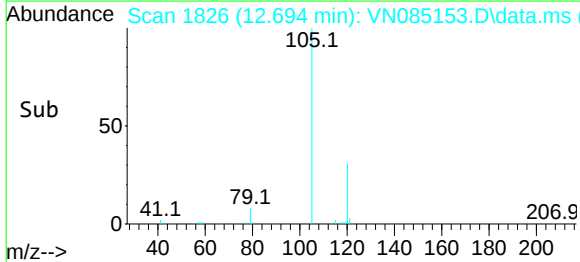
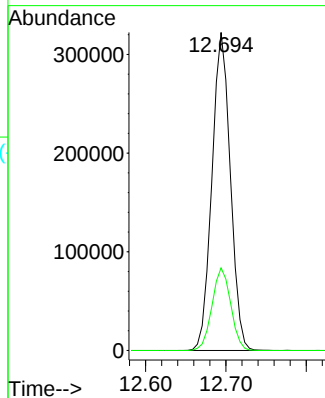
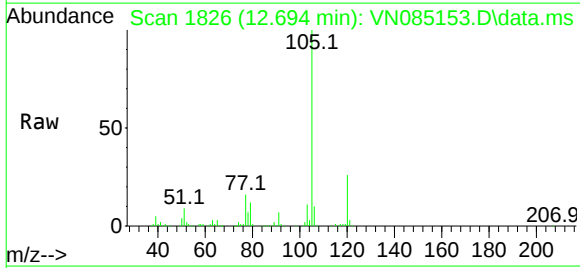
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#74

N-ethyl acetate

Concen: 63.094 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Tgt Ion: 43 Resp: 219231

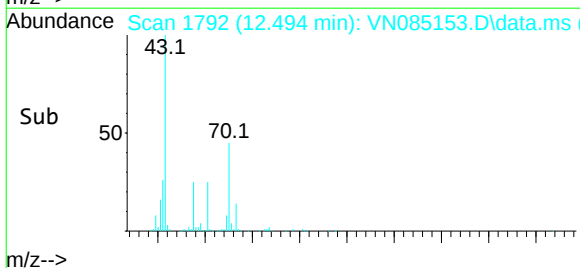
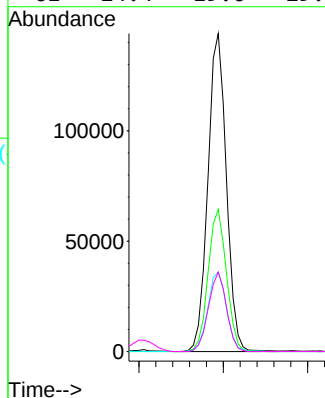
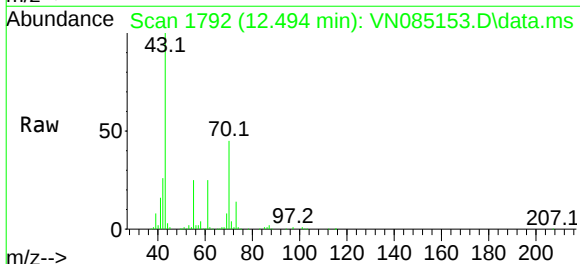
Ion Ratio Lower Upper

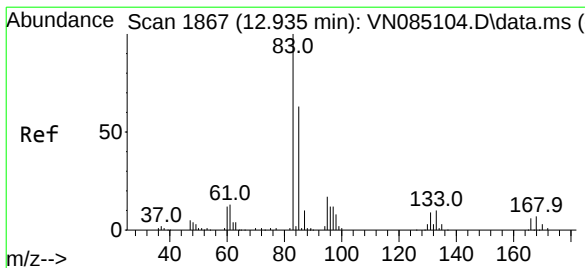
43 100

70 44.4 34.6 51.8

55 25.4 20.5 30.7

61 24.4 19.6 29.4





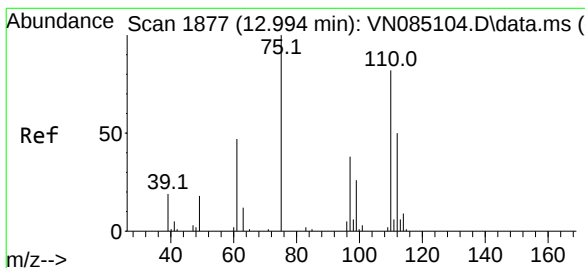
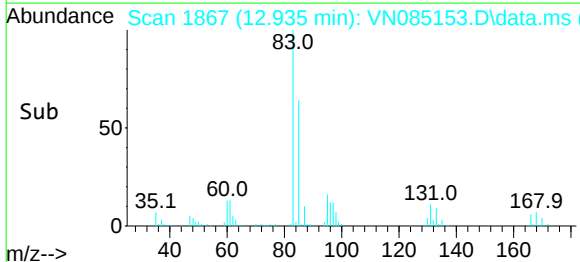
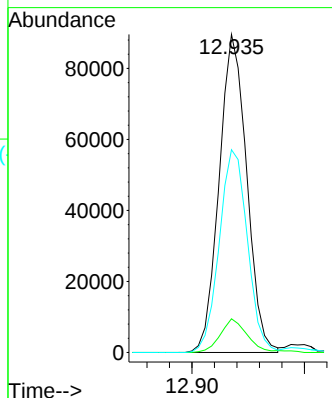
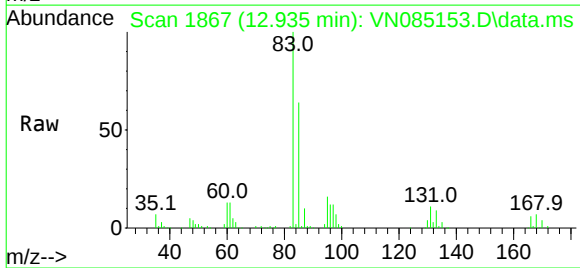
#75
1,1,2,2-Tetrachloroethane
Concen: 52.916 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.4
85	65.1	32.1	96.3

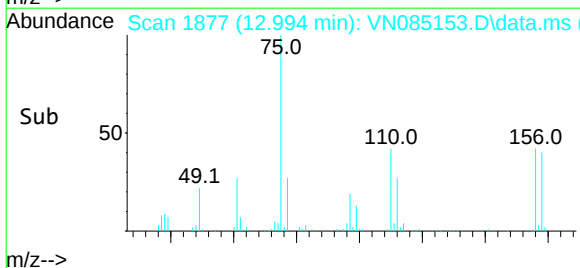
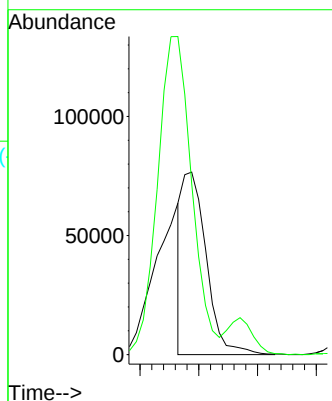
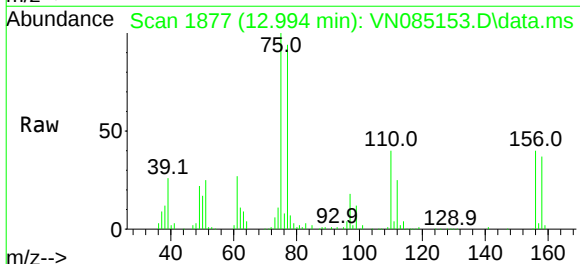
Manual Integrations
APPROVED

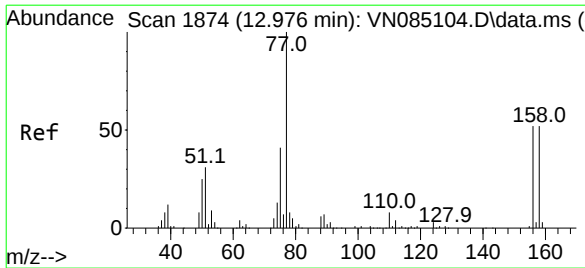
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#76
1,2,3-Trichloropropane
Concen: 49.775 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	250.2	109.1	327.4





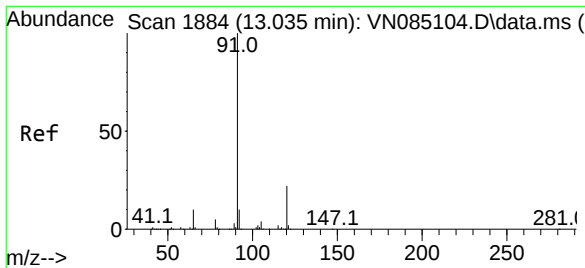
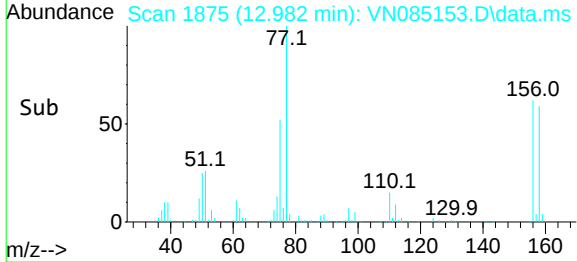
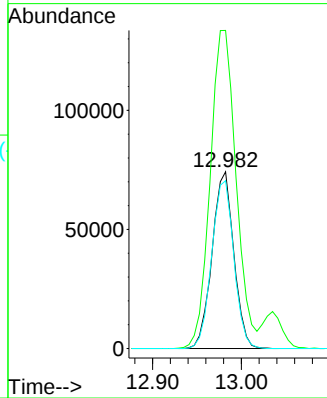
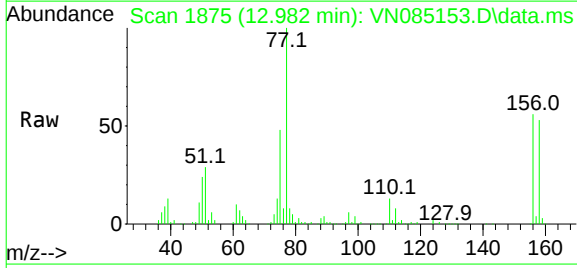
#77
Bromobenzene
Concen: 55.620 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 126211
Ion Ratio Lower Upper
156 100
77 214.5 107.2 321.6
158 96.7 48.5 145.6

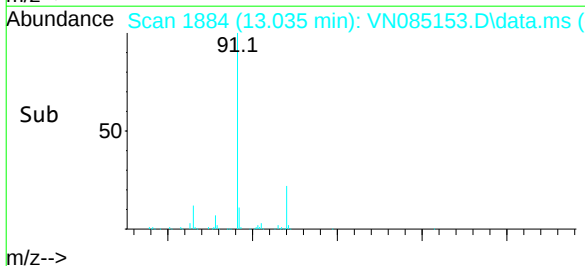
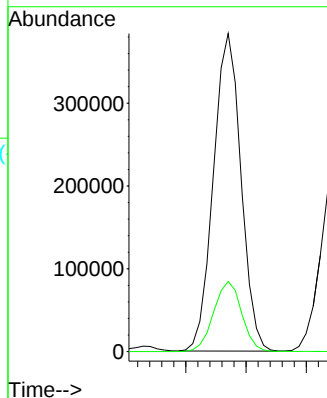
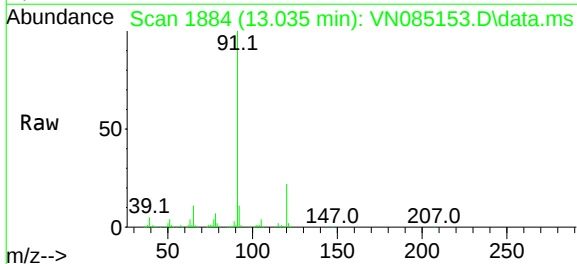
Manual Integrations
APPROVED

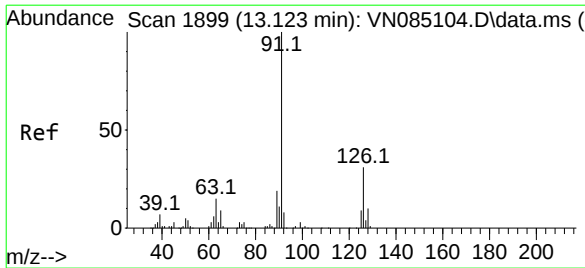
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#78
n-propylbenzene
Concen: 62.752 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 91 Resp: 610311
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





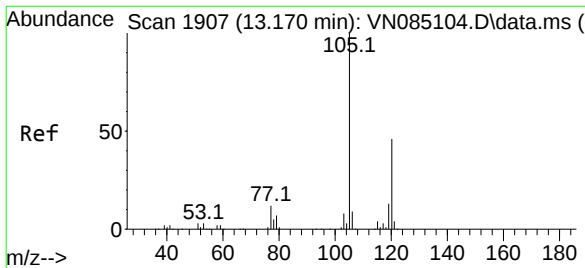
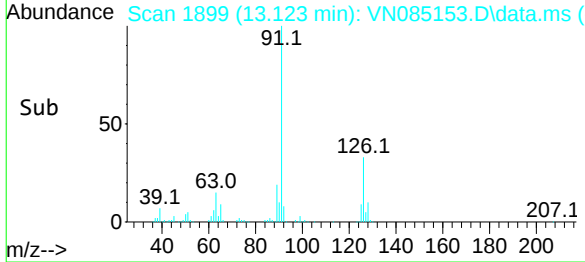
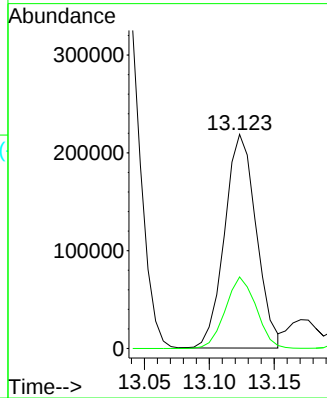
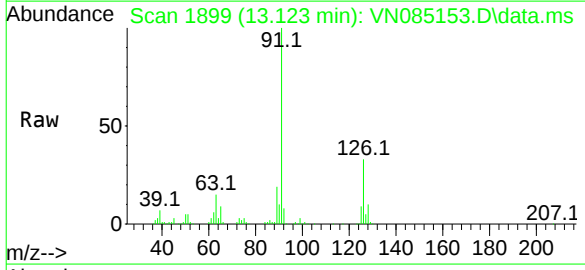
#79
2-Chlorotoluene
Concen: 57.227 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 371546
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

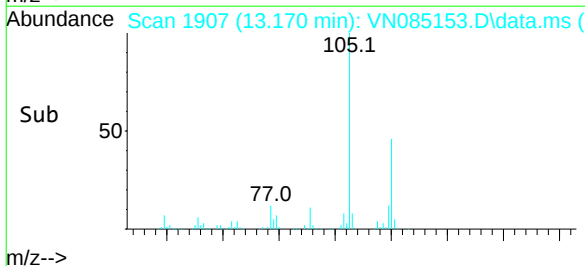
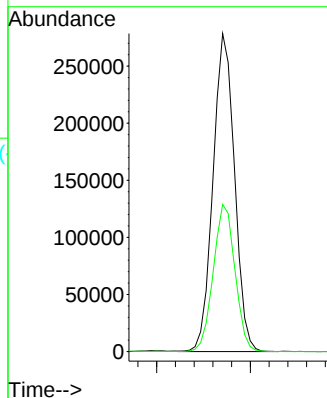
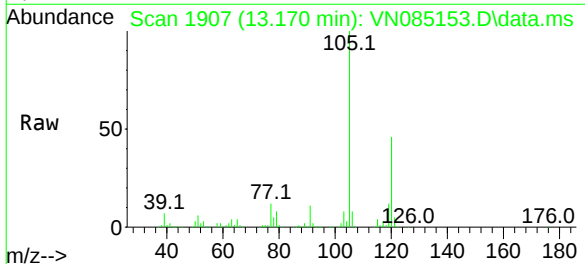
Manual Integrations
APPROVED

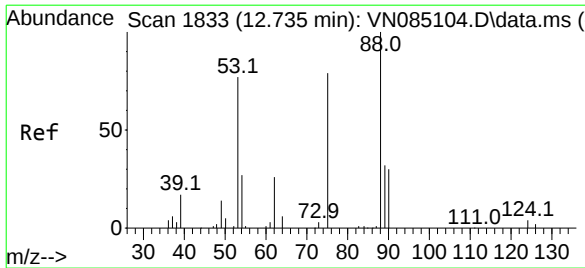
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 62.790 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

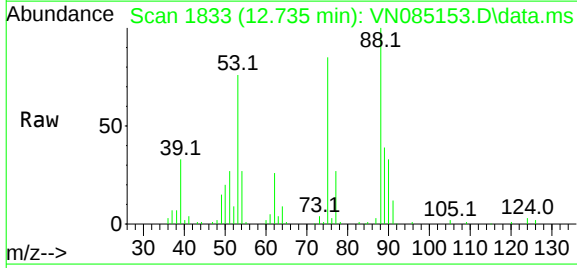
Tgt Ion:105 Resp: 444282
Ion Ratio Lower Upper
105 100
120 46.7 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 60.338 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

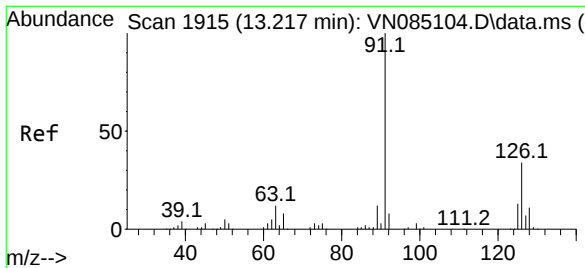
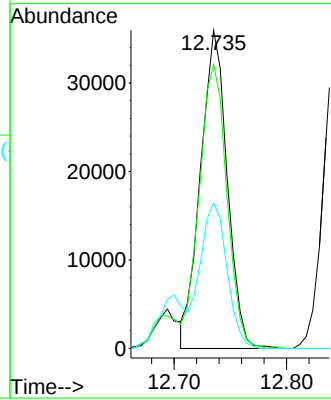
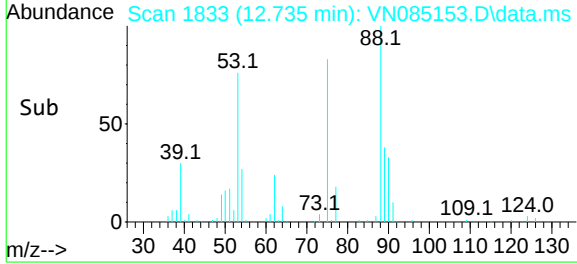
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 59423
Ion Ratio Lower Upper
75 100
53 92.2 78.2 117.4
89 46.0 37.9 56.9

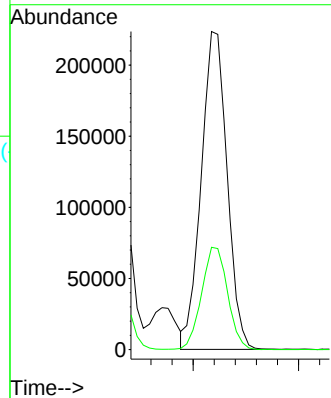
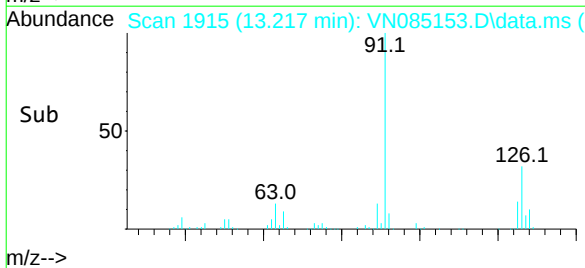
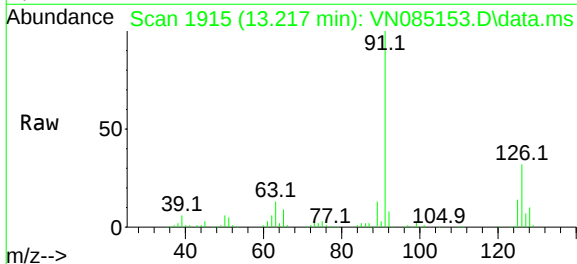
Manual Integrations
APPROVED

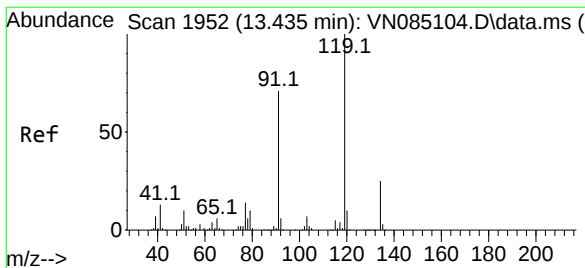
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 56.362 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion: 91 Resp: 380936
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3





#83

tert-Butylbenzene

Concen: 59.272 ug/l

RT: 13.435 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

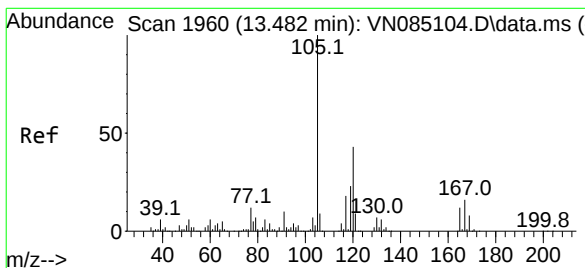
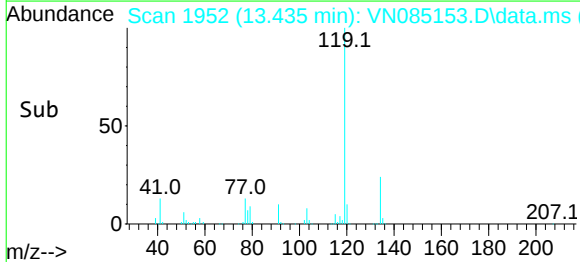
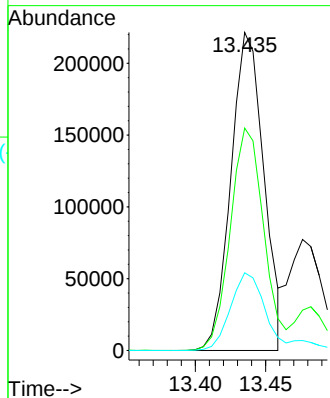
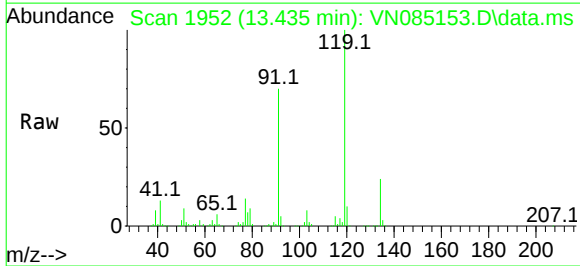
Tgt Ion:	119	Resp:	360851
Ion	Ratio	Lower	Upper
119	100		
91	71.3	35.1	105.5
134	27.7	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 61.328 ug/l

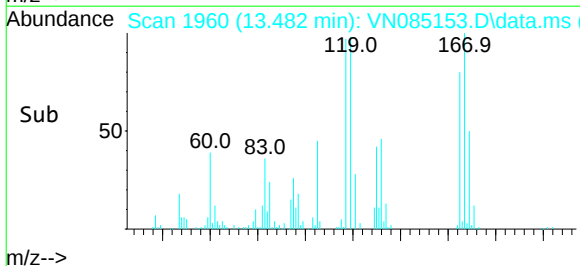
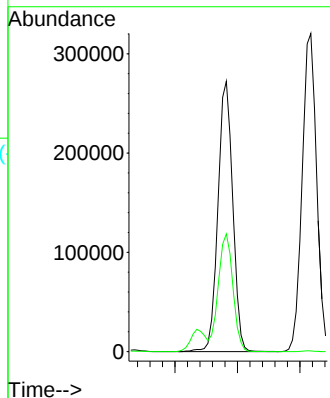
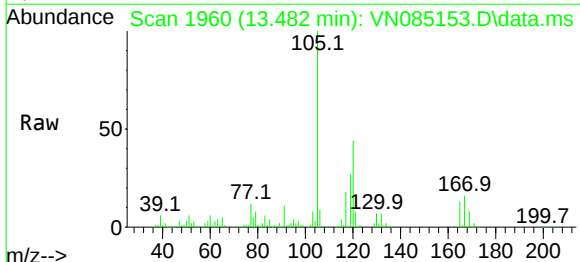
RT: 13.482 min Scan# 1960

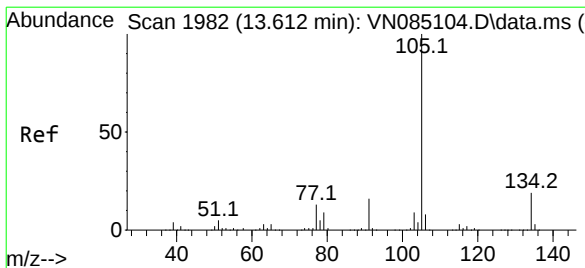
Delta R.T. 0.006 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Tgt Ion:	105	Resp:	446674
Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.8	65.4





#85
sec-Butylbenzene
Concen: 62.691 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

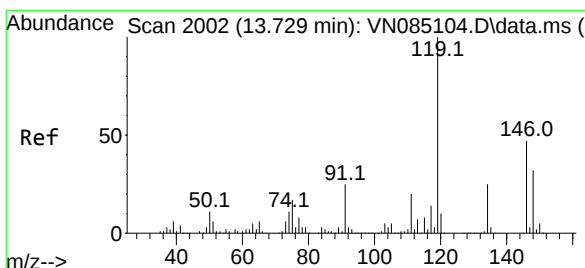
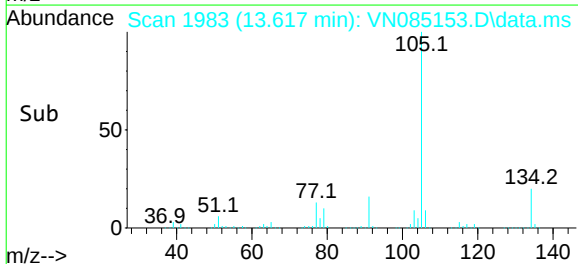
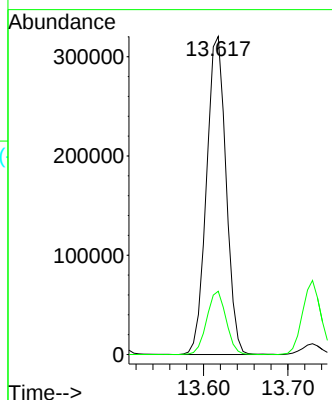
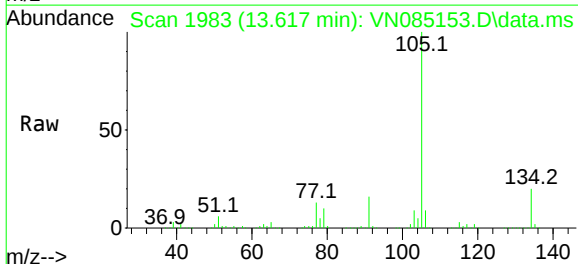
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 515573
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.3

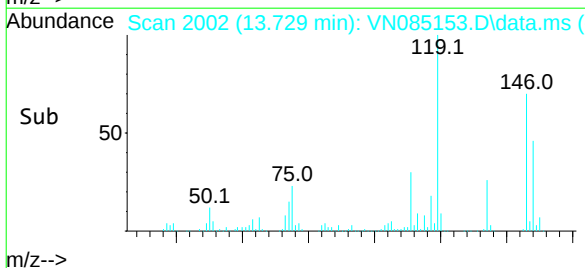
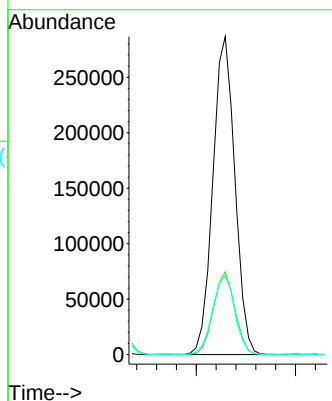
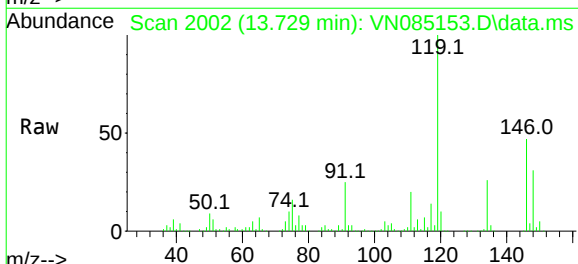
Manual Integrations
APPROVED

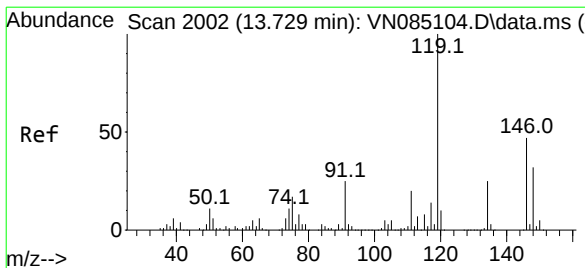
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#86
p-Isopropyltoluene
Concen: 65.018 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:119 Resp: 441406
Ion Ratio Lower Upper
119 100
134 25.5 13.0 39.0
91 25.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 51.875 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

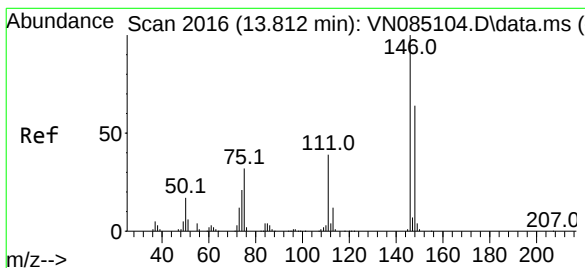
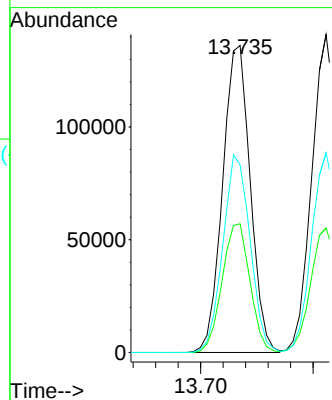
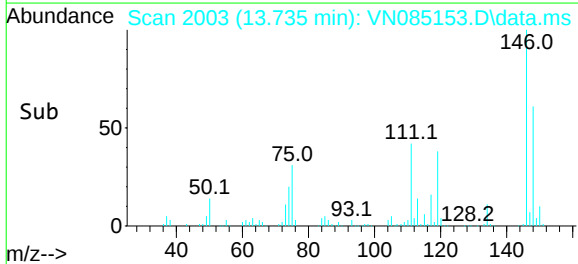
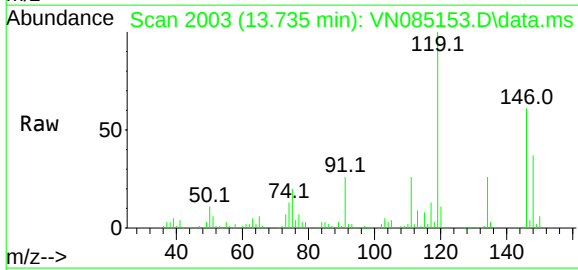
Tgt Ion:	146	Resp:	232182
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.6	65.0
148	63.6	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#88

1,4-Dichlorobenzene

Concen: 50.815 ug/l

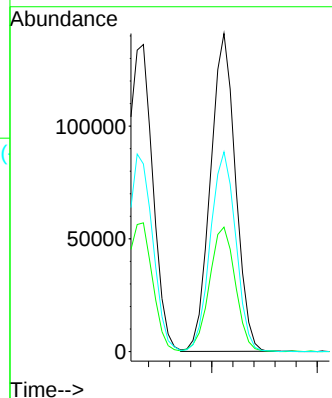
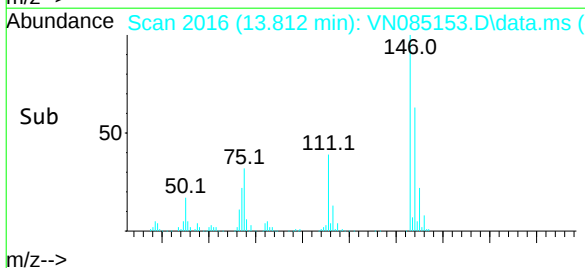
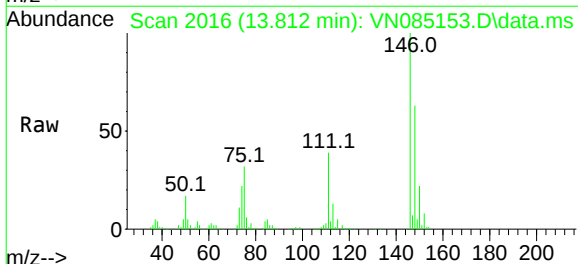
RT: 13.812 min Scan# 2016

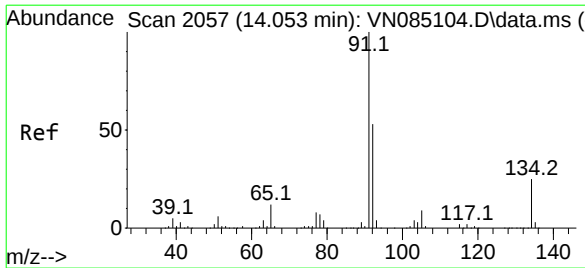
Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Tgt Ion:	146	Resp:	232095
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.8
148	64.0	31.3	93.9





#89
n-Butylbenzene
Concen: 59.518 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

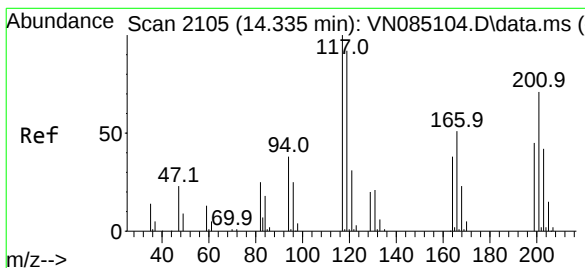
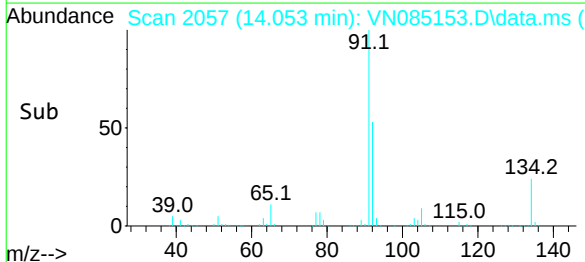
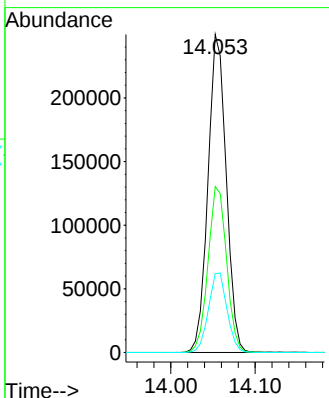
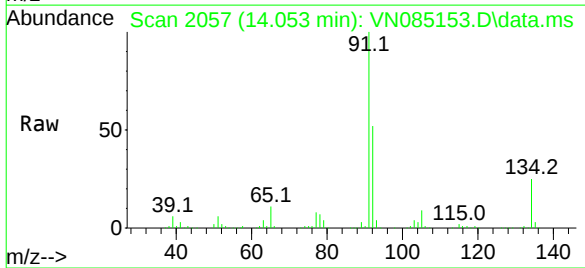
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 375765
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 25.5 12.8 38.4

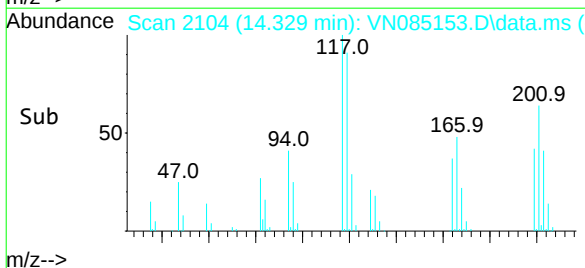
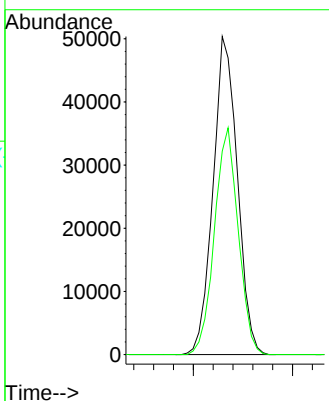
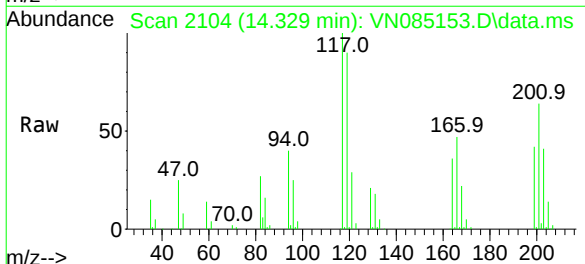
Manual Integrations
APPROVED

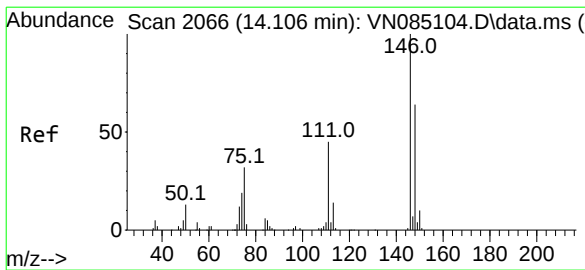
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 57.956 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Tgt Ion:117 Resp: 85765
Ion Ratio Lower Upper
117 100
201 69.6 35.2 105.6





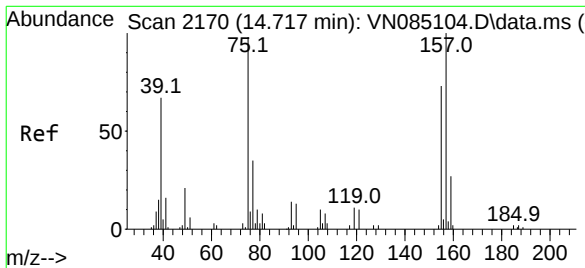
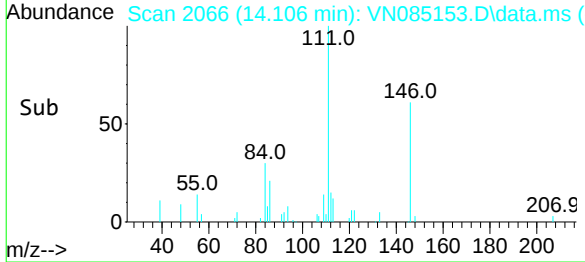
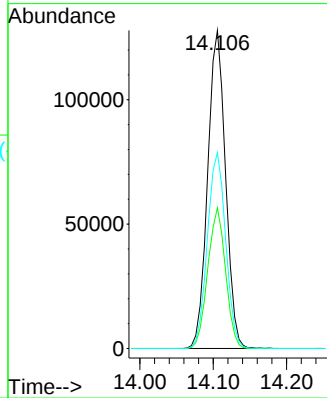
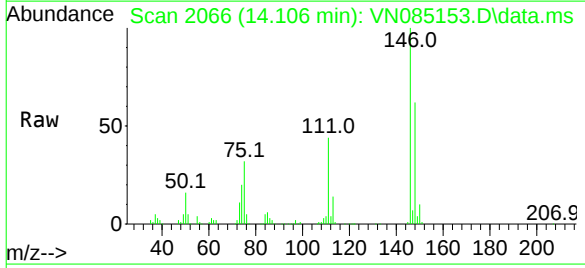
#91
1,2-Dichlorobenzene
Concen: 50.441 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	216336
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.9	65.8
148	63.2	31.1	93.2

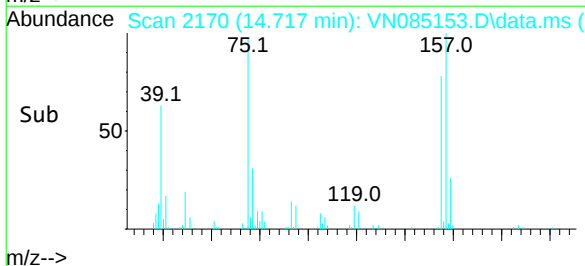
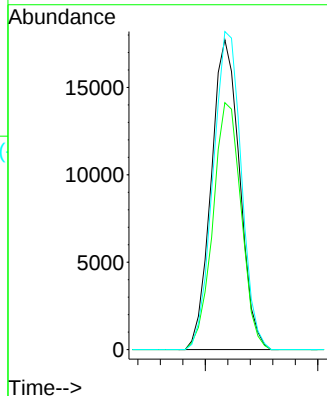
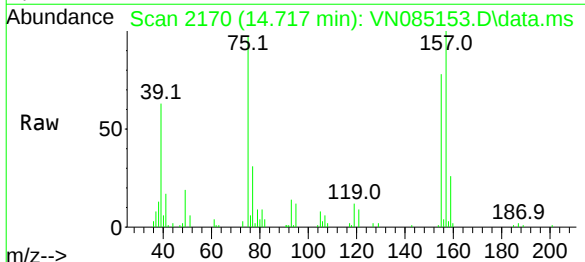
Manual Integrations
APPROVED

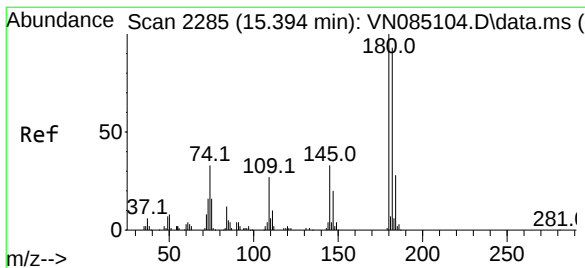
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.854 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

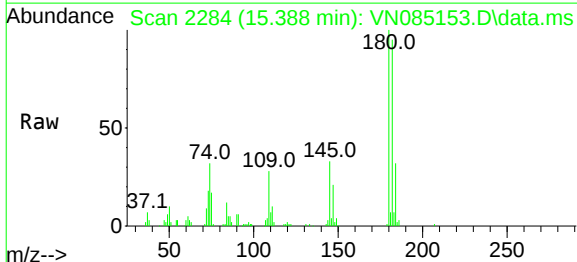
Tgt Ion:	75	Resp:	31099
Ion Ratio	Lower	Upper	
75	100		
155	79.1	38.9	116.7
157	101.8	48.3	144.9





#93
1,2,4-Trichlorobenzene
Concen: 48.409 ug/l
RT: 15.388 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14

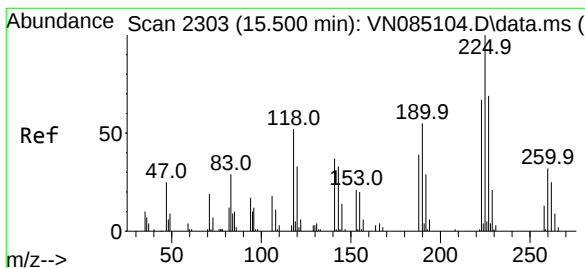
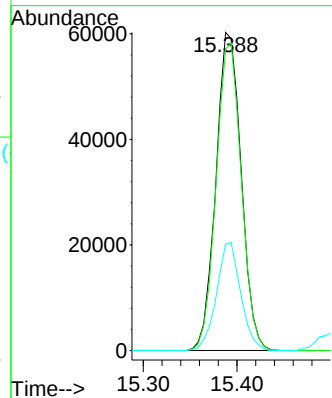
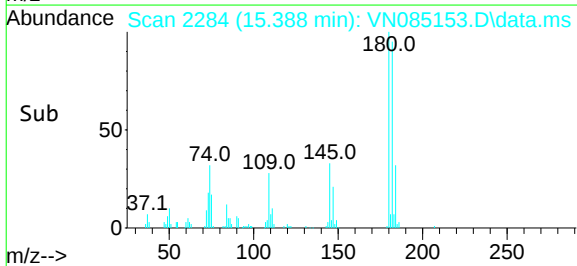
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



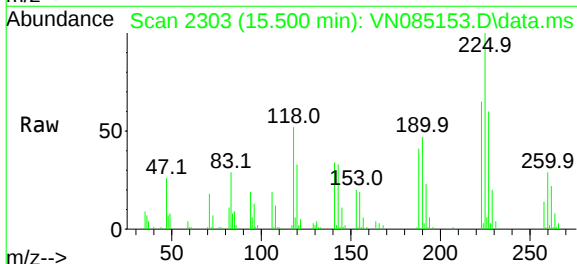
Tgt Ion:180 Resp: 112793
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.8
145 32.6 16.3 48.8

Manual Integrations
APPROVED

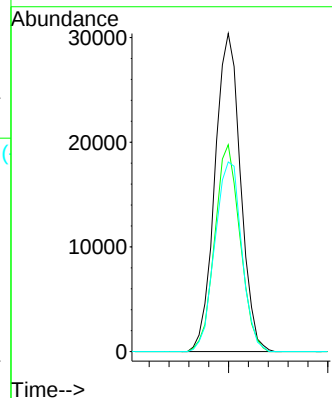
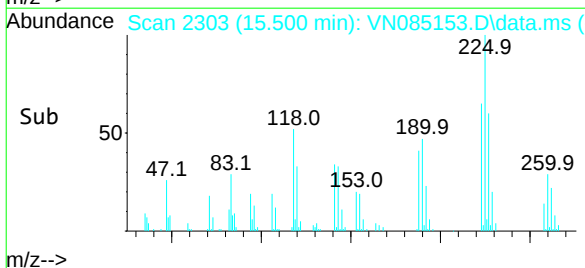
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

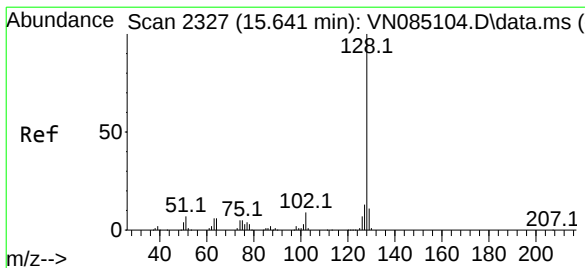


#94
Hexachlorobutadiene
Concen: 50.659 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085153.D
Acq: 09 Dec 2024 16:14



Tgt Ion:225 Resp: 54475
Ion Ratio Lower Upper
225 100
223 64.3 30.9 92.8
227 62.5 31.5 94.5





#95

Naphthalene

Concen: 53.899 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

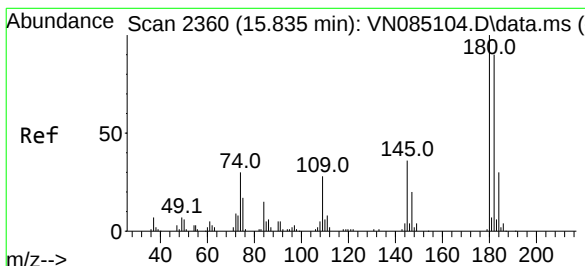
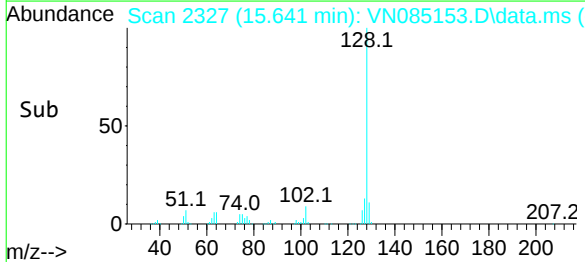
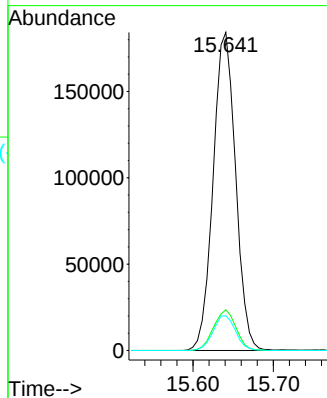
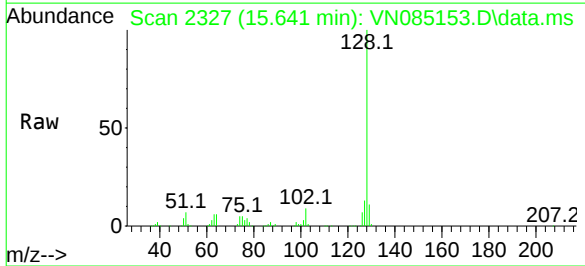
Tgt Ion:	128	Resp:	357684
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.972 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085153.D

Acq: 09 Dec 2024 16:14

Tgt Ion:	180	Resp:	111098
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.4	139.2
145	35.5	17.3	52.0

