

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085155.D
 Acq On : 10 Dec 2024 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 04:09:52 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114435	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	100968	43.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.640%
35) Dibromofluoromethane	8.165	113	80898	47.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.565	98	283027	46.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.847	95	109323	47.513	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	72444	39.604	ug/l	98
3) Chloromethane	2.359	50	75657	35.660	ug/l	99
4) Vinyl Chloride	2.512	62	83190	43.632	ug/l	99
5) Bromomethane	2.942	94	56111	52.506	ug/l	92
6) Chloroethane	3.112	64	57592	44.815	ug/l	97
7) Trichlorofluoromethane	3.489	101	156361	48.210	ug/l	97
8) Diethyl Ether	3.959	74	54924	49.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	90558	49.229	ug/l	99
10) Methyl Iodide	4.583	142	112211	46.083	ug/l	97
11) Tert butyl alcohol	5.524	59	94183	305.860	ug/l	96
12) 1,1-Dichloroethene	4.336	96	82512	48.055	ug/l	95
13) Acrolein	4.177	56	49200	239.449	ug/l	94
14) Allyl chloride	5.018	41	121955	42.132	ug/l	93
15) Acrylonitrile	5.718	53	241285	276.768	ug/l	99
16) Acetone	4.424	43	205958	306.894	ug/l	96
17) Carbon Disulfide	4.712	76	219247	43.261	ug/l	98
18) Methyl Acetate	5.024	43	116827	54.569	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	291303	51.925	ug/l	99
20) Methylene Chloride	5.271	84	95094	46.435	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	87744	48.561	ug/l	92
22) Diisopropyl ether	6.671	45	286562	49.189	ug/l	98
23) Vinyl Acetate	6.600	43	1064076	264.757	ug/l	99
24) 1,1-Dichloroethane	6.565	63	167962	48.178	ug/l	99
25) 2-Butanone	7.483	43	312705	285.003	ug/l	99
26) 2,2-Dichloropropane	7.488	77	158470	48.679	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	105122	48.259	ug/l	99
28) Bromochloromethane	7.812	49	63811	48.488	ug/l	93
29) Tetrahydrofuran	7.835	42	203138	297.720	ug/l	100
30) Chloroform	7.965	83	181439	48.925	ug/l	100
31) Cyclohexane	8.253	56	137900	44.926	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	167961	50.120	ug/l	99
36) 1,1-Dichloropropene	8.371	75	121699	52.334	ug/l	98
37) Ethyl Acetate	7.559	43	126344	59.763	ug/l	99
38) Carbon Tetrachloride	8.359	117	150001	55.882	ug/l	95
39) Methylcyclohexane	9.600	83	130835	54.143	ug/l	97
40) Benzene	8.606	78	382412	51.994	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69840	59.666	ug/l	99
42) 1,2-Dichloroethane	8.671	62	133886	53.210	ug/l	99
43) Isopropyl Acetate	8.688	43	216103	49.212	ug/l	99
44) Trichloroethene	9.353	130	90528	52.964	ug/l	89
45) 1,2-Dichloropropane	9.618	63	94473	52.151	ug/l	98
46) Dibromomethane	9.706	93	67708	53.789	ug/l	97
47) Bromodichloromethane	9.888	83	148442	55.641	ug/l	96
48) Methyl methacrylate	9.677	41	100482	61.491	ug/l	97
49) 1,4-Dioxane	9.694	88	37507	1323.546	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	648487	323.315	ug/l	99
52) Toluene	10.629	92	241011	55.352	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	149649	55.950	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	159530	56.221	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	93815	57.846	ug/l	97
56) Ethyl methacrylate	10.871	69	153163	64.629	ug/l	99
57) 1,3-Dichloropropane	11.159	76	158618	55.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	298456	256.740	ug/l	99
59) 2-Hexanone	11.194	43	502281	334.831	ug/l	99
60) Dibromochloromethane	11.359	129	114214	57.623	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95141	56.684	ug/l	98
64) Tetrachloroethene	11.100	164	83806	54.636	ug/l	98
65) Chlorobenzene	11.888	112	266304	51.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	98394	54.132	ug/l	99
67) Ethyl Benzene	11.965	91	472867	56.457	ug/l	99
68) m/p-Xylenes	12.070	106	363961	114.138	ug/l	98
69) o-Xylene	12.400	106	170850	56.325	ug/l	99
70) Styrene	12.412	104	299865	59.446	ug/l	99
71) Bromoform	12.576	173	79524	58.940	ug/l #	97
73) Isopropylbenzene	12.694	105	446376	55.292	ug/l	99
74) N-amyl acetate	12.494	43	187043	56.225	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138487	50.236	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94312m	45.310	ug/l	
77) Bromobenzene	12.976	156	109755	50.520	ug/l	99
78) n-propylbenzene	13.035	91	526627	56.557	ug/l	100
79) 2-Chlorotoluene	13.123	91	325020	52.289	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	388272	57.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53298	56.526	ug/l	95
82) 4-Chlorotoluene	13.217	91	332454	51.378	ug/l	100
83) tert-Butylbenzene	13.435	119	328162	56.301	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	386485	55.425	ug/l	99
85) sec-Butylbenzene	13.617	105	447308	56.810	ug/l	100
86) p-Isopropyltoluene	13.729	119	379255	58.349	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	203179	47.415	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	199118	45.534	ug/l	98
89) n-Butylbenzene	14.053	91	318390	52.674	ug/l	99
90) Hexachloroethane	14.335	117	73606	51.953	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	192705	46.931	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28376	53.231	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	102022	45.734	ug/l	98
94) Hexachlorobutadiene	15.500	225	47842	46.470	ug/l	97
95) Naphthalene	15.641	128	324727	51.110	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98754	46.396	ug/l	96

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

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

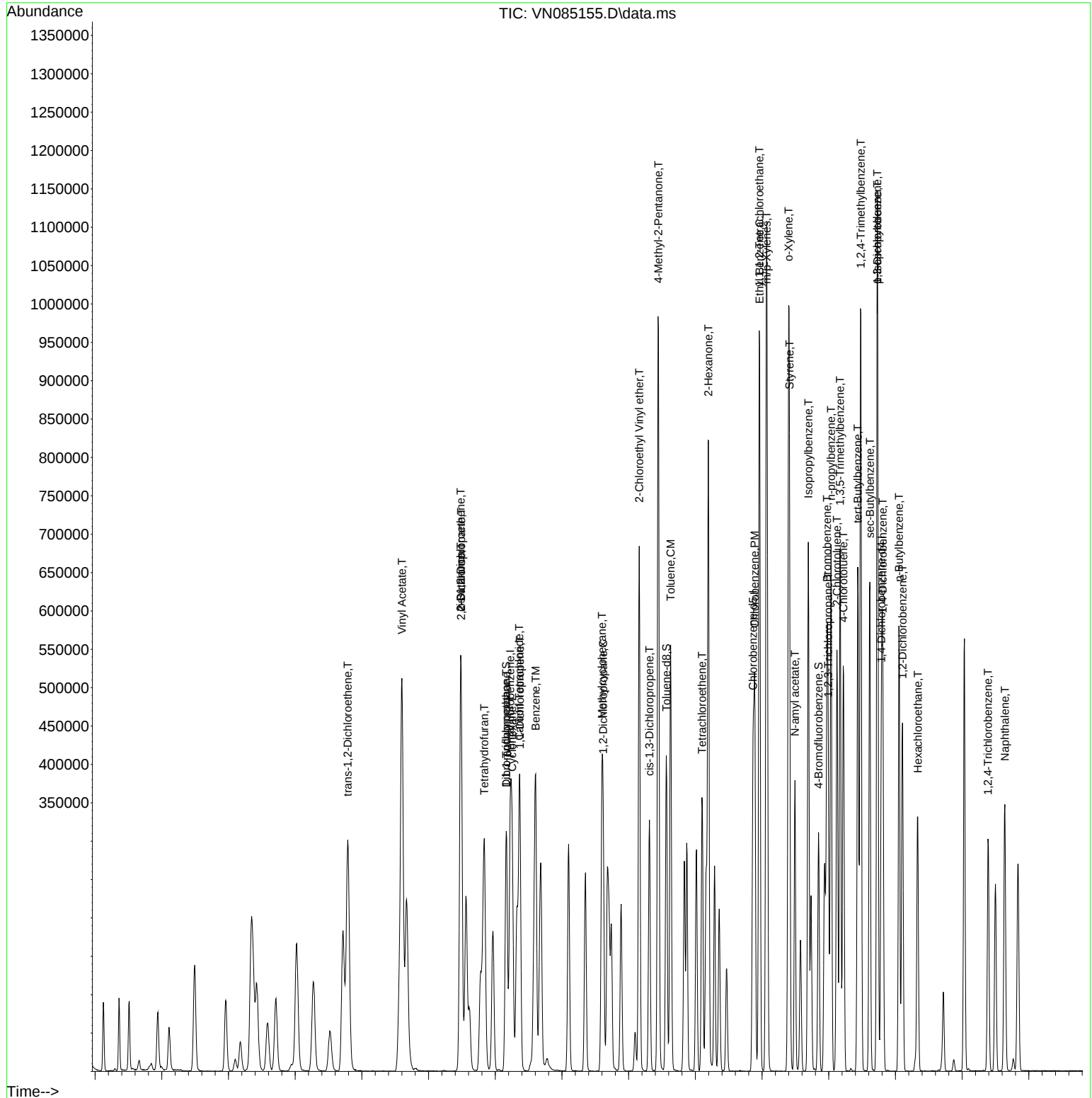
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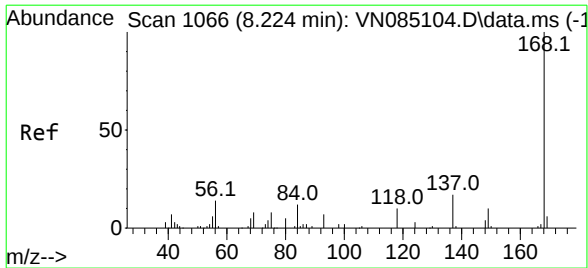
Instrument :
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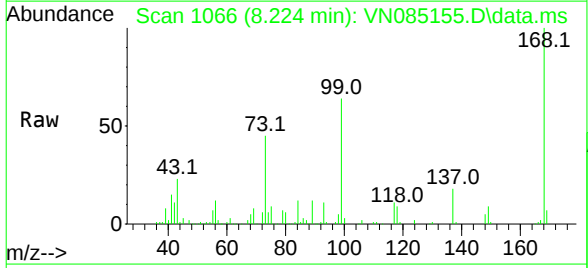
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

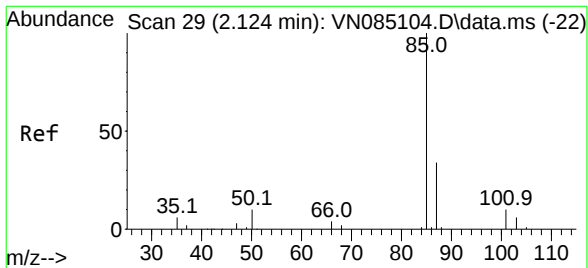
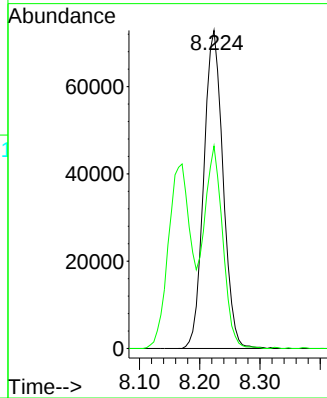
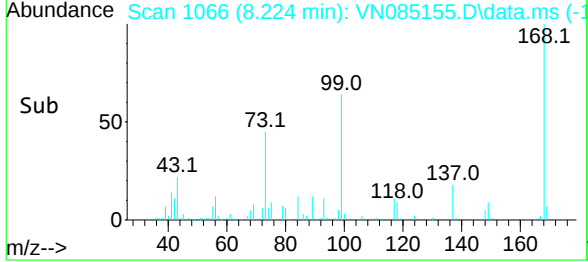
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



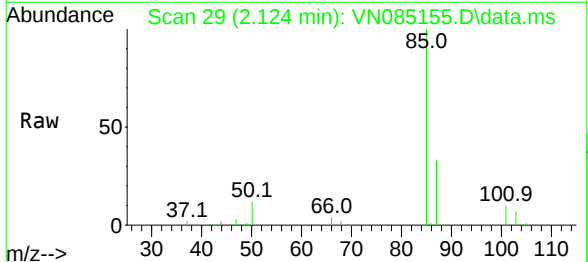
Tgt Ion: 168 Resp: 161771
Ion Ratio Lower Upper
168 100
99 63.4 51.2 76.8

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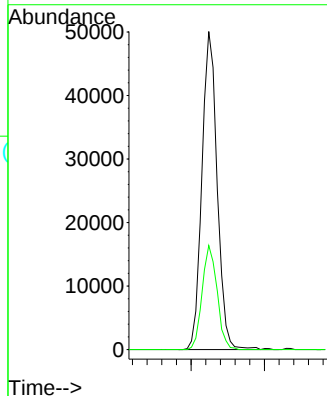
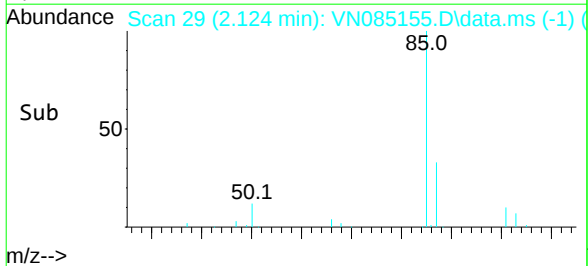
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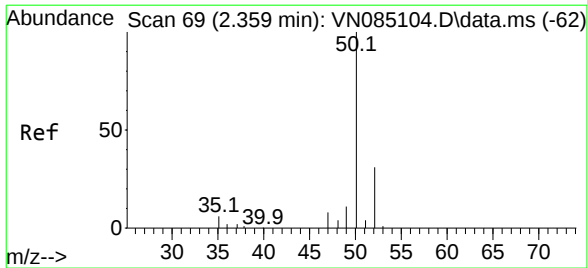


#2
Dichlorodifluoromethane
Concen: 39.604 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17



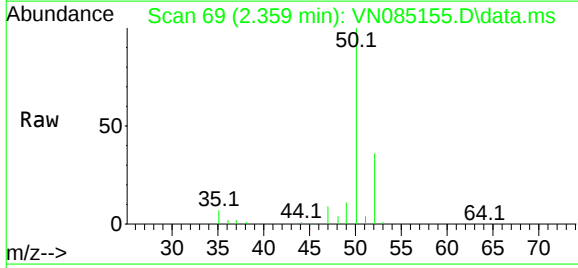
Tgt Ion: 85 Resp: 72444
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 35.660 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

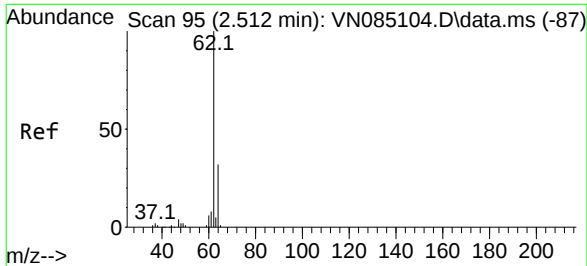
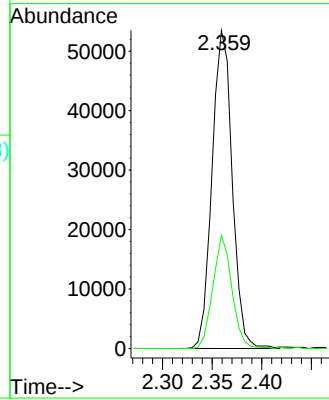
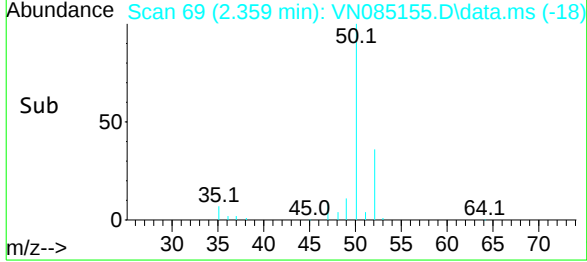
Instrument :
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Tgt Ion: 50 Resp: 75657
Ion Ratio Lower Upper
50 100
52 35.6 27.8 41.8

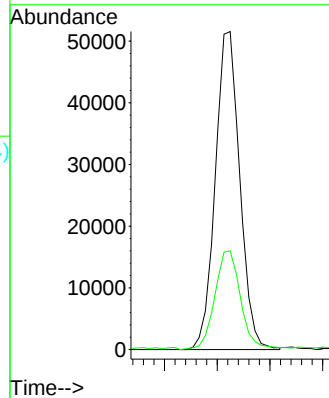
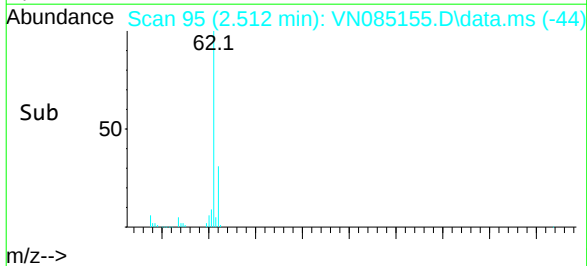
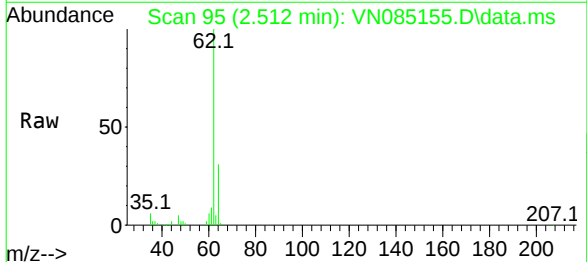
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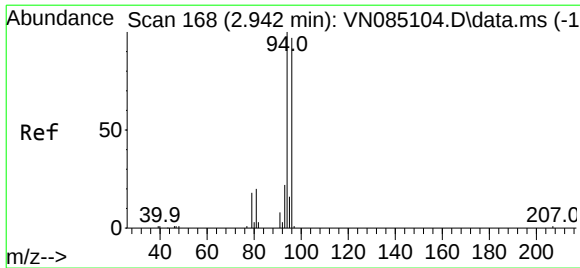
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#4
Vinyl Chloride
Concen: 43.632 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

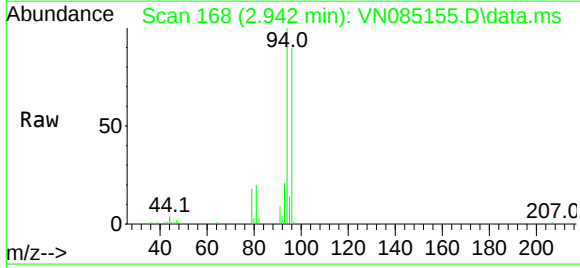
Tgt Ion: 62 Resp: 83190
Ion Ratio Lower Upper
62 100
64 31.1 24.6 36.8





#5
Bromomethane
Concen: 52.506 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.041 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

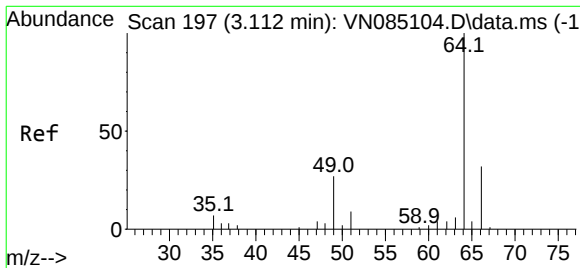
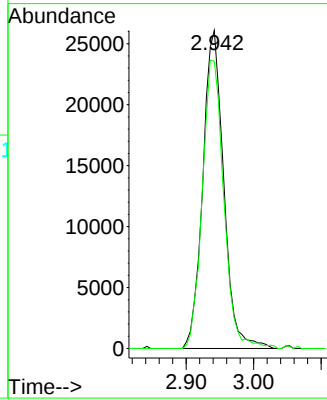
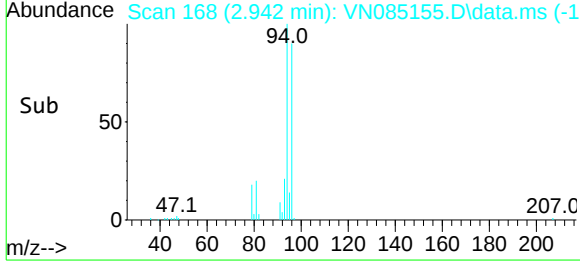
Instrument :
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Tgt Ion: 94 Resp: 56111
Ion Ratio Lower Upper
94 100
96 90.3 78.7 118.1

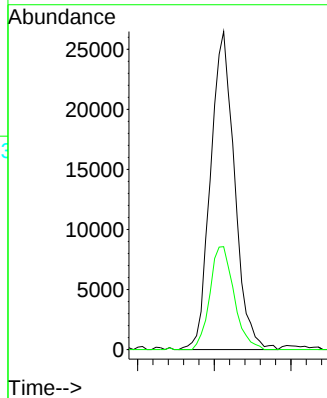
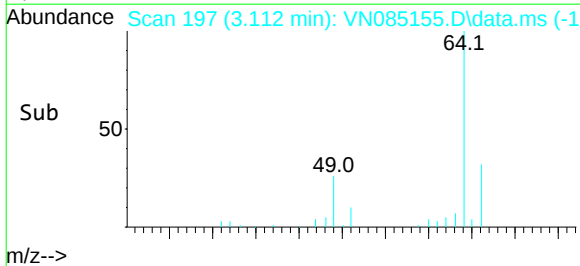
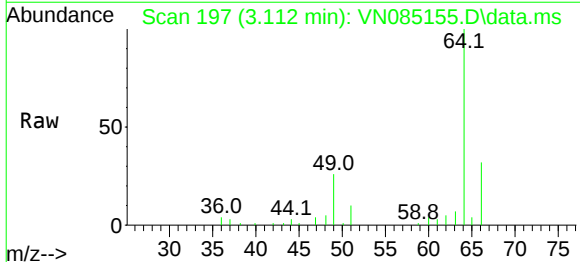
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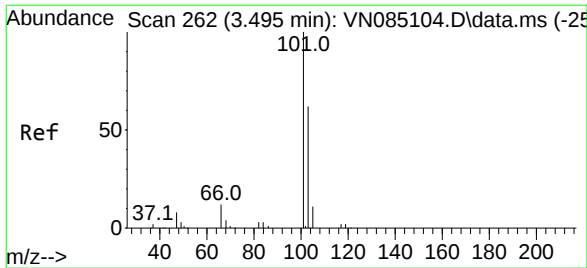
Reviewed By :John Carlone 12/11/2024
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#6
Chloroethane
Concen: 44.815 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.047 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

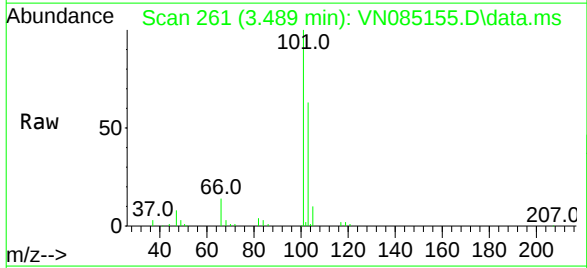
Tgt Ion: 64 Resp: 57592
Ion Ratio Lower Upper
64 100
66 32.4 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 48.210 ug/l
 RT: 3.489 min Scan# 262
 Delta R.T. 0.029 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

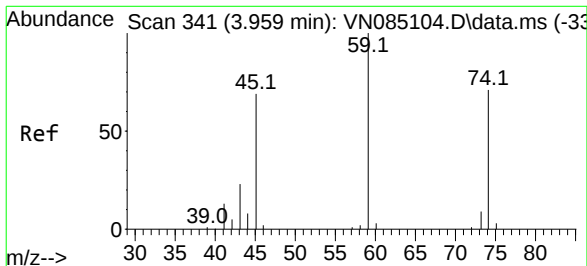
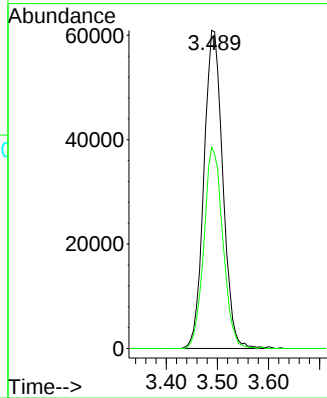
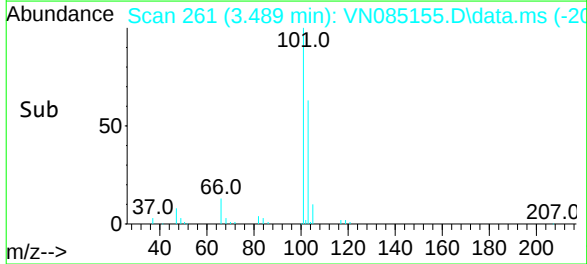
Instrument :
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Tgt Ion:101 Resp: 156361
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.6 78.8

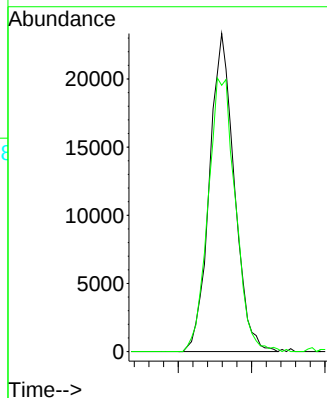
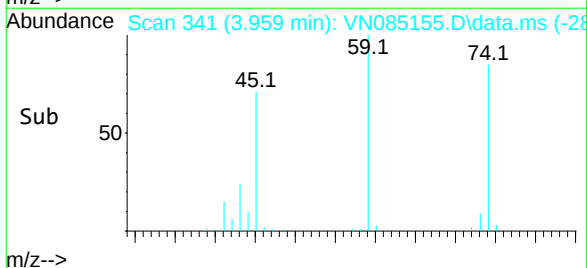
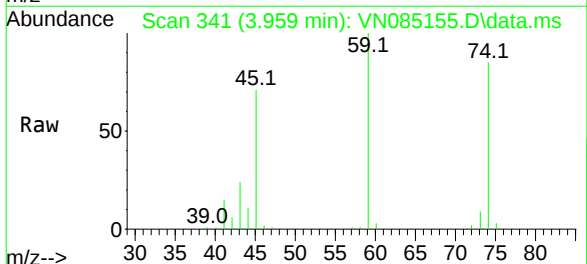
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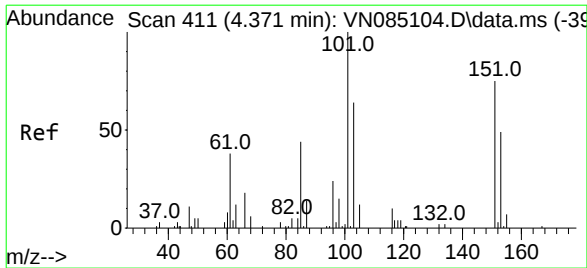
Reviewed By :John Carlone 12/11/2024
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#8
 Diethyl Ether
 Concen: 49.754 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

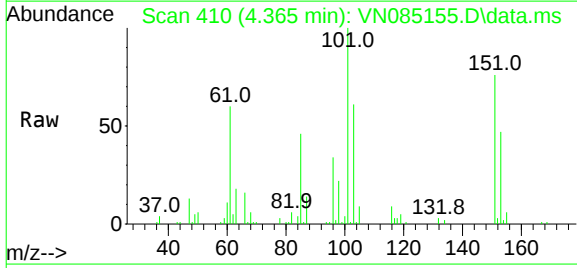
Tgt Ion: 74 Resp: 54924
 Ion Ratio Lower Upper
 74 100
 45 94.8 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.229 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

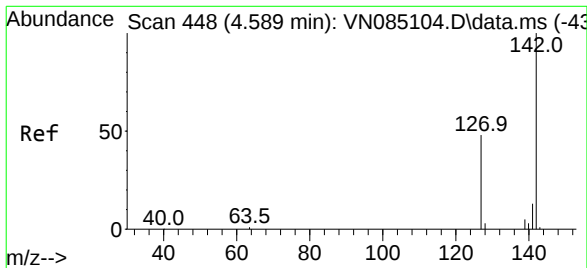
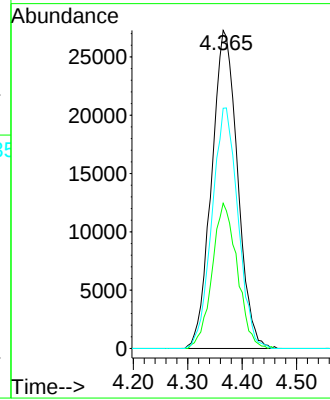
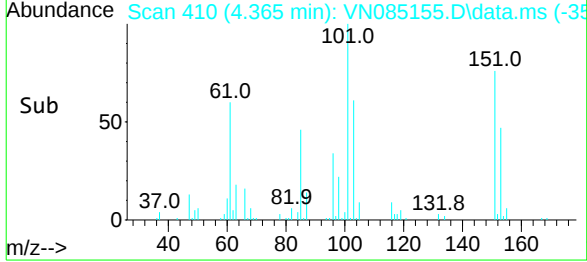
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



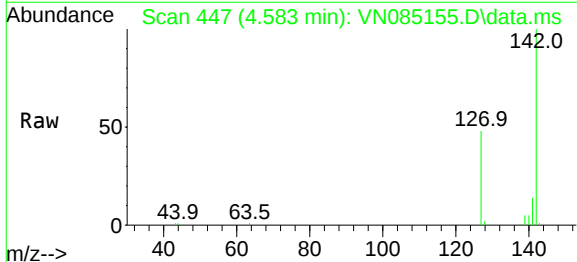
Tgt Ion:101 Resp: 90558
Ion Ratio Lower Upper
101 100
85 44.2 36.9 55.3
151 75.7 60.8 91.2

Manual Integrations
APPROVED

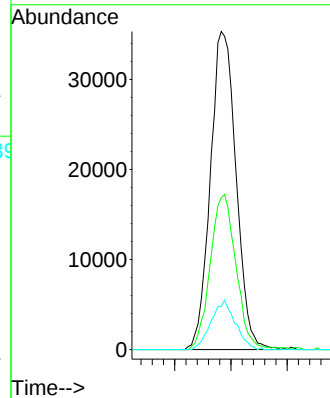
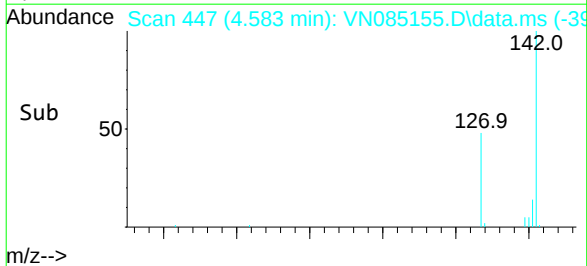
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

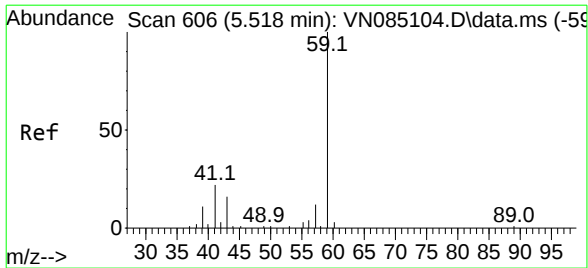


#10
Methyl Iodide
Concen: 46.083 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17



Tgt Ion:142 Resp: 112211
Ion Ratio Lower Upper
142 100
127 47.7 36.6 54.8
141 13.6 12.2 18.4





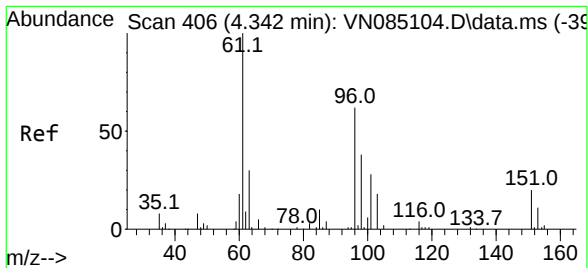
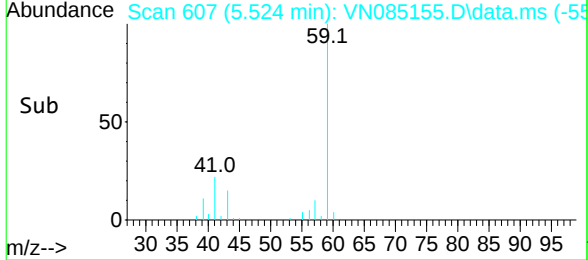
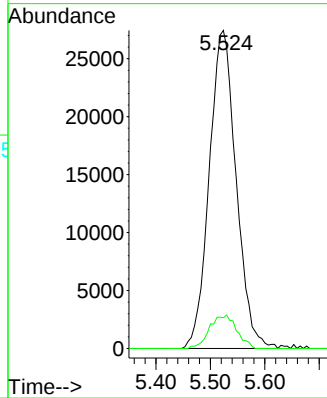
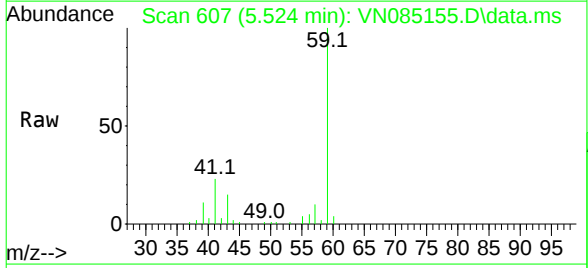
#11
Tert butyl alcohol
Concen: 305.860 ug/l
RT: 5.524 min Scan# 60
Delta R.T. -0.018 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.4	11.0

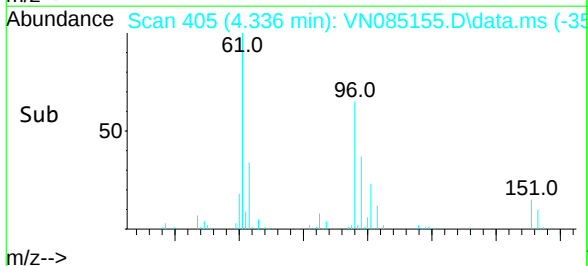
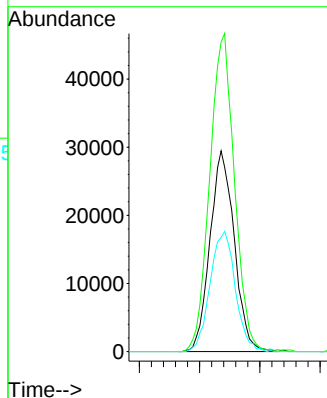
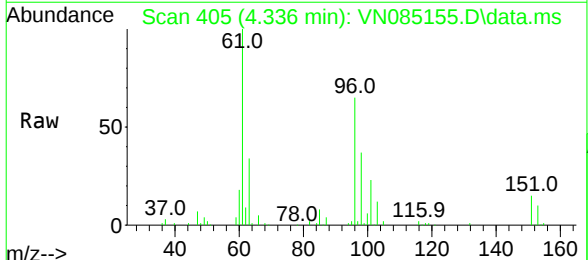
Manual Integrations
APPROVED

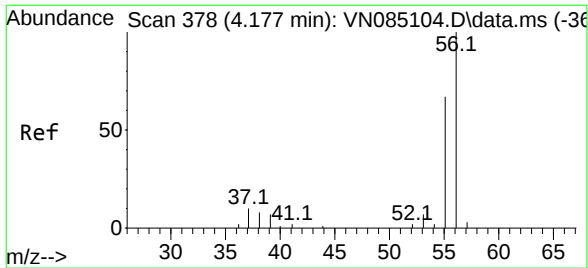
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#12
1,1-Dichloroethene
Concen: 48.055 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	127.8	191.8
98	56.9	49.2	73.8





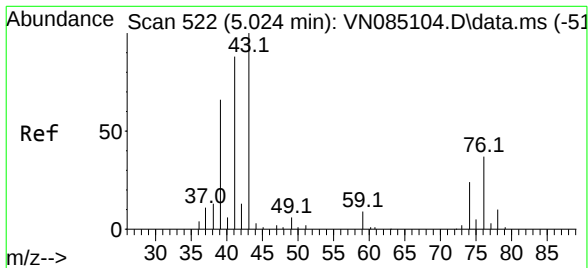
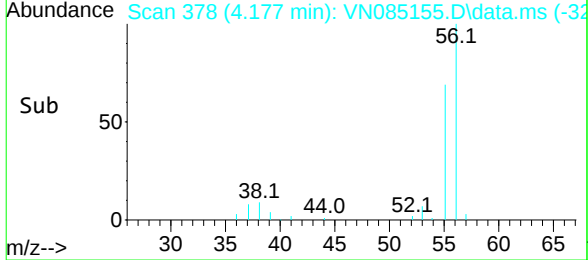
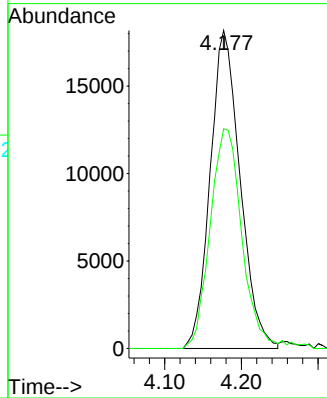
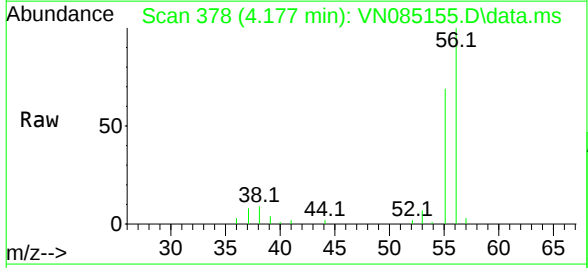
#13
Acrolein
Concen: 239.449 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 49200
Ion Ratio Lower Upper
56 100
55 72.7 54.5 81.7

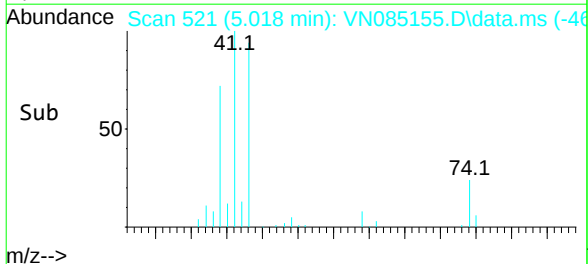
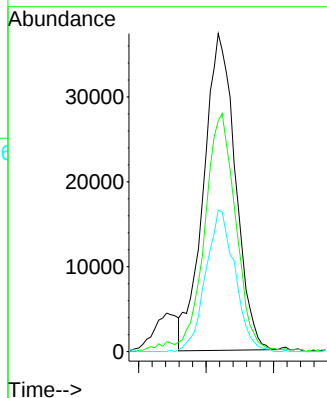
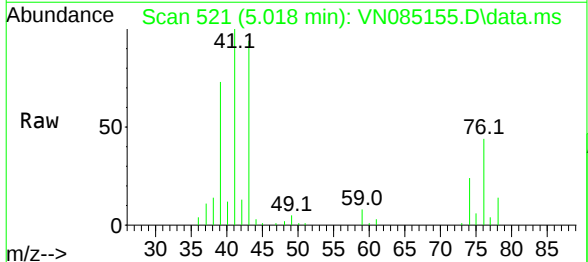
Manual Integrations
APPROVED

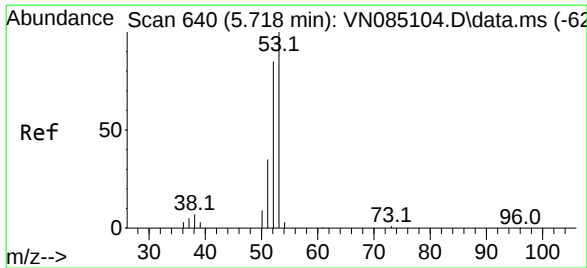
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#14
Allyl chloride
Concen: 42.132 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

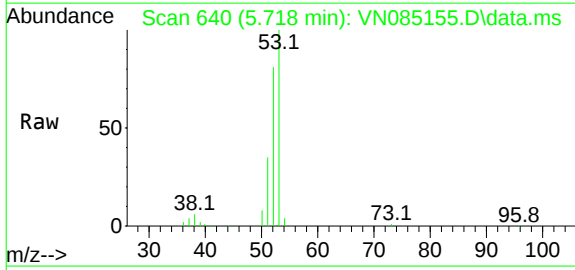
Tgt Ion: 41 Resp: 121955
Ion Ratio Lower Upper
41 100
39 72.4 53.8 80.8
76 41.1 29.3 43.9





#15
Acrylonitrile
Concen: 276.768 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

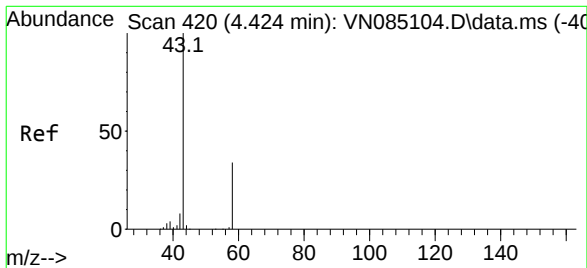
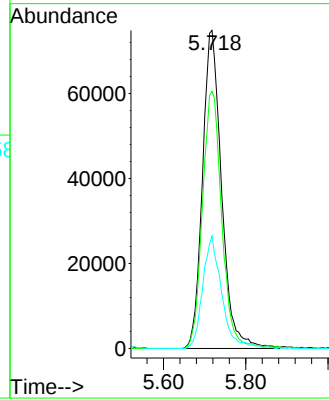
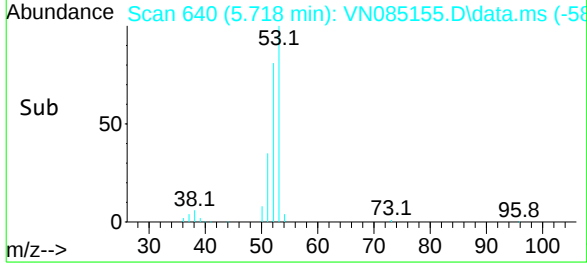
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 241285
Ion Ratio Lower Upper
53 100
52 81.3 65.5 98.3
51 35.0 28.4 42.6

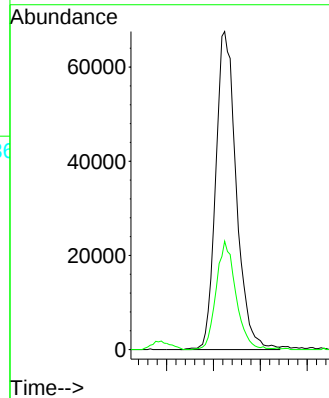
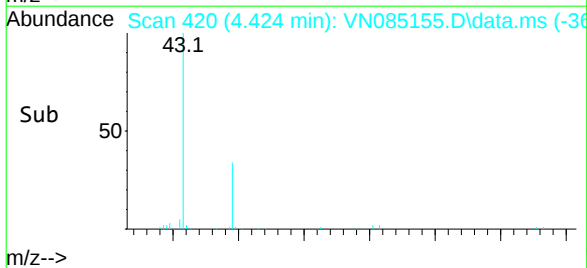
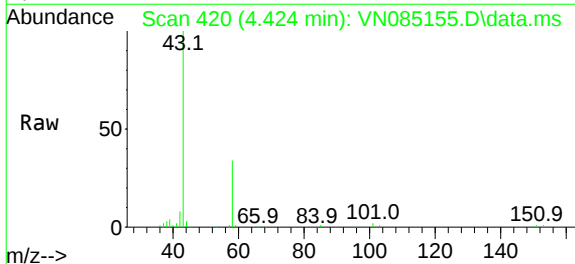
Manual Integrations
APPROVED

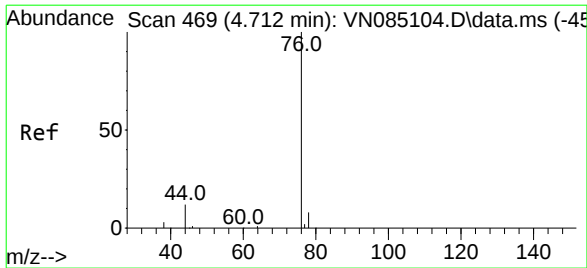
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#16
Acetone
Concen: 306.894 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

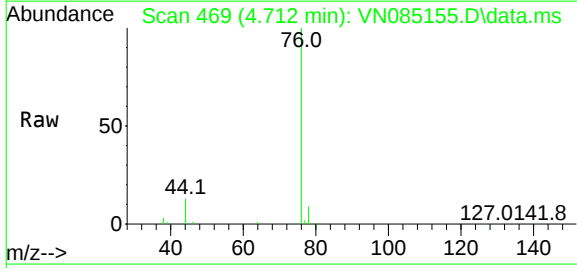
Tgt Ion: 43 Resp: 205958
Ion Ratio Lower Upper
43 100
58 33.8 25.4 38.2





#17
Carbon Disulfide
Concen: 43.261 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.017 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

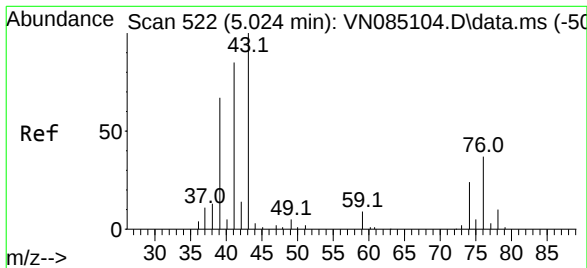
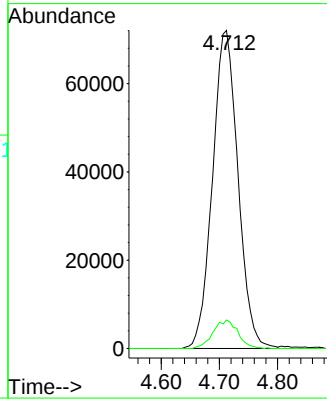
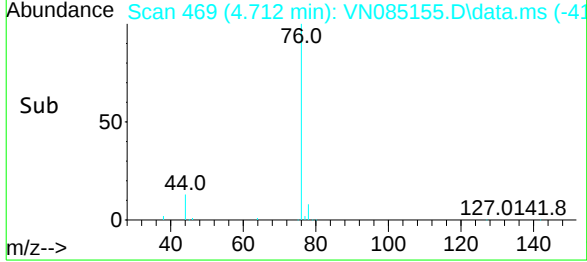
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 219247
Ion Ratio Lower Upper
76 100
78 9.0 6.5 9.7

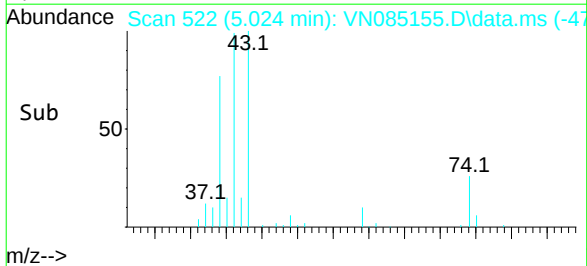
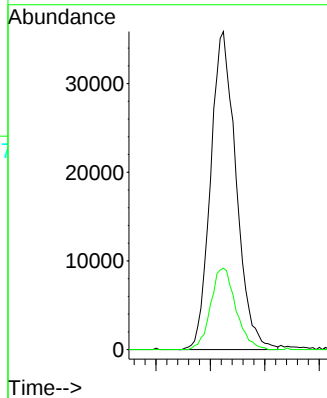
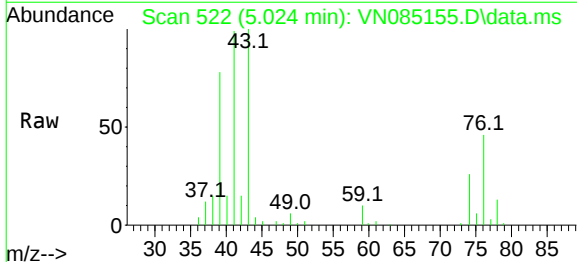
Manual Integrations
APPROVED

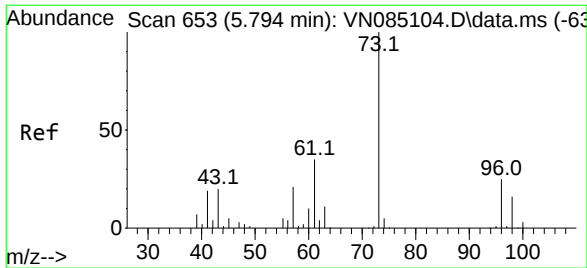
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#18
Methyl Acetate
Concen: 54.569 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 43 Resp: 116827
Ion Ratio Lower Upper
43 100
74 25.2 20.1 30.1





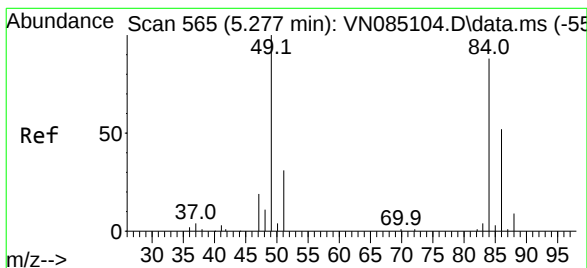
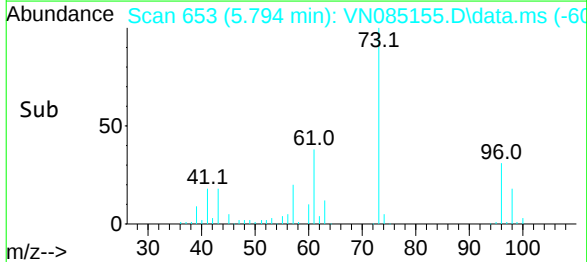
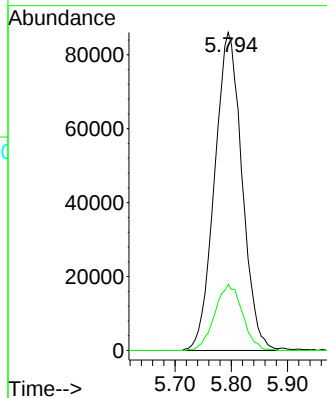
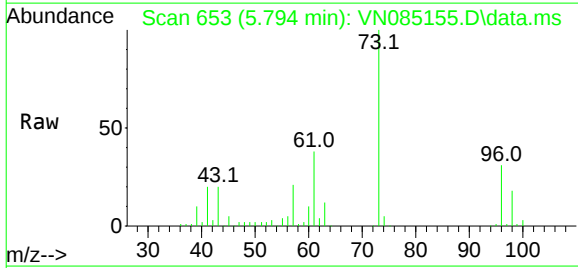
#19
Methyl tert-butyl Ether
Concen: 51.925 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 291303
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4

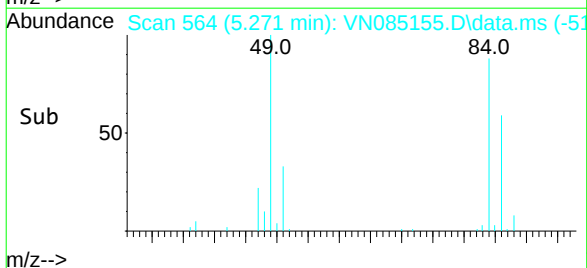
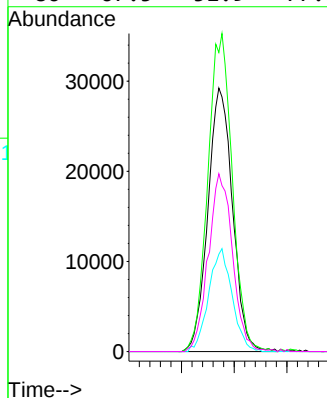
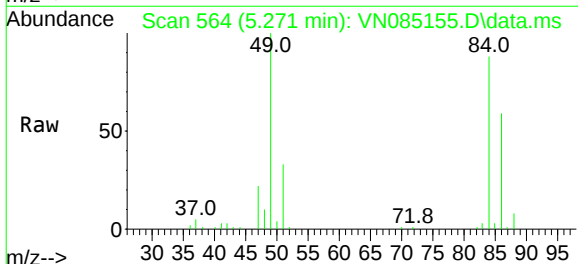
Manual Integrations
APPROVED

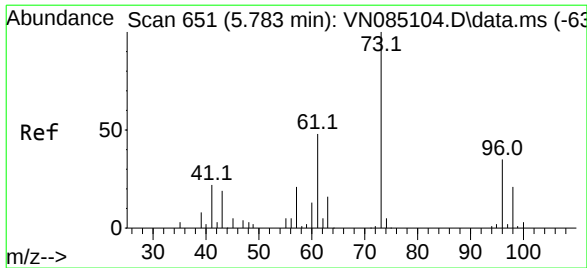
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#20
Methylene Chloride
Concen: 46.435 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 84 Resp: 95094
Ion Ratio Lower Upper
84 100
49 113.5 92.7 139.1
51 36.9 29.4 44.2
86 67.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.561 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.017 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 87744

Ion Ratio Lower Upper

96 100

61 132.4 100.7 151.1

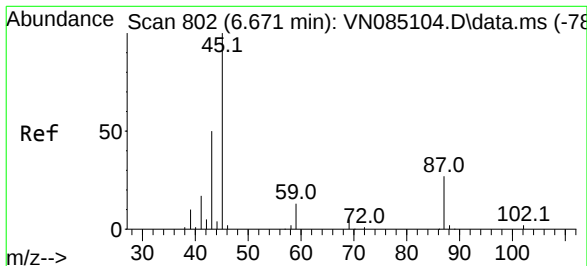
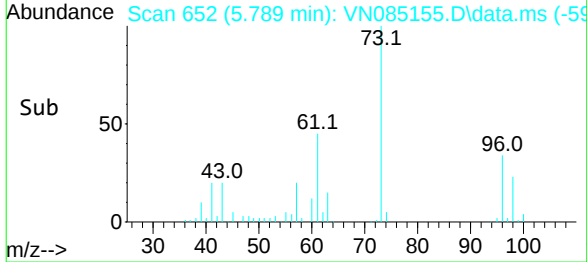
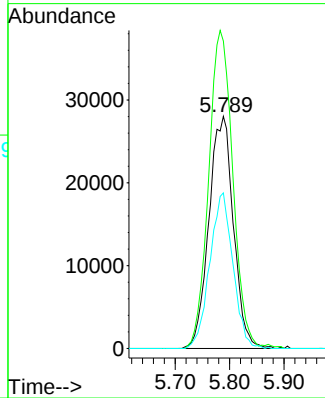
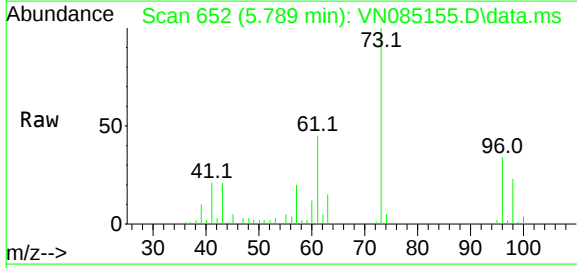
98 67.0 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#22

Diisopropyl ether

Concen: 49.189 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Tgt Ion: 45 Resp: 286562

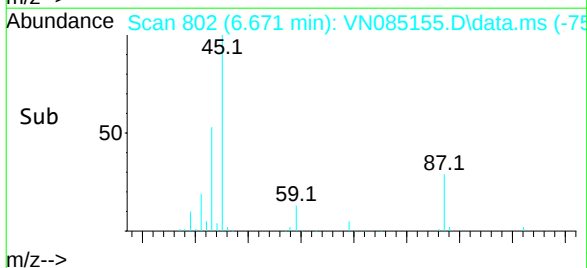
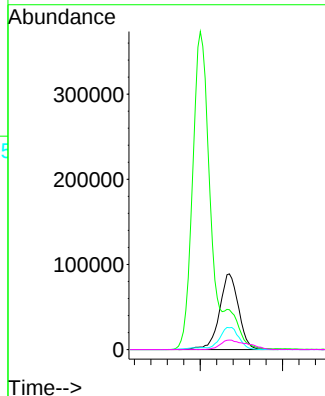
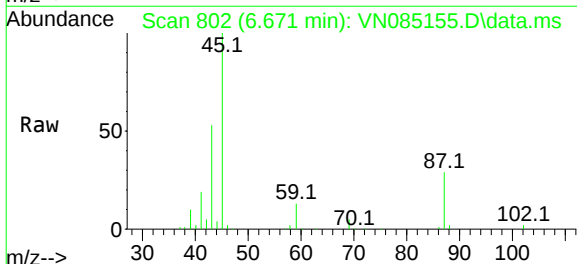
Ion Ratio Lower Upper

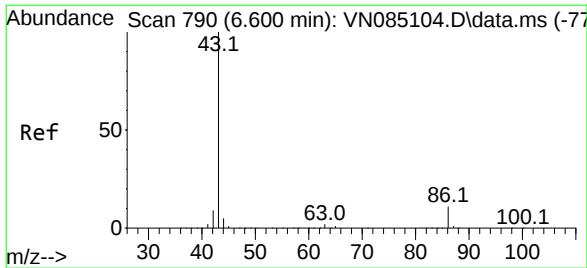
45 100

43 51.4 42.7 64.1

87 28.9 22.6 34.0

59 12.3 9.9 14.9





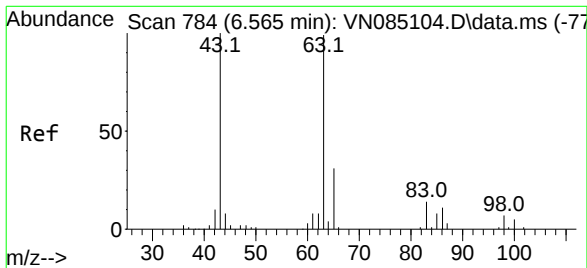
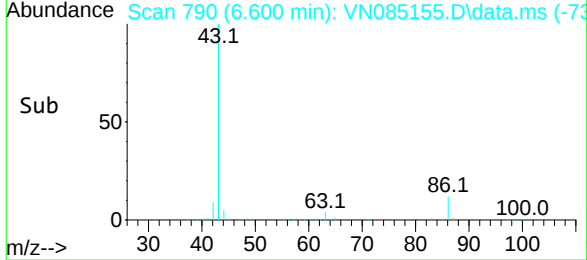
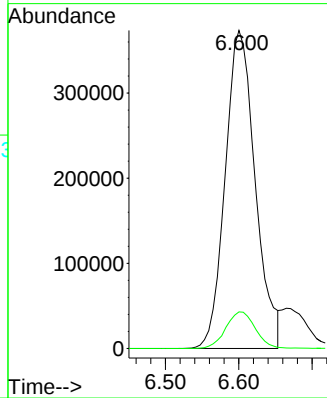
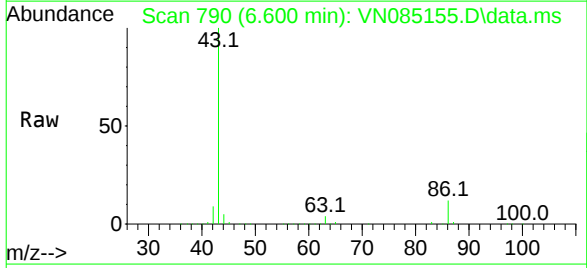
#23
 Vinyl Acetate
 Concen: 264.757 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1064076
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3

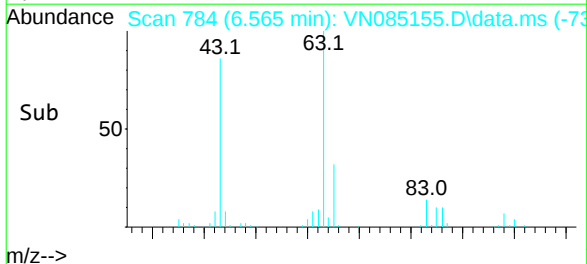
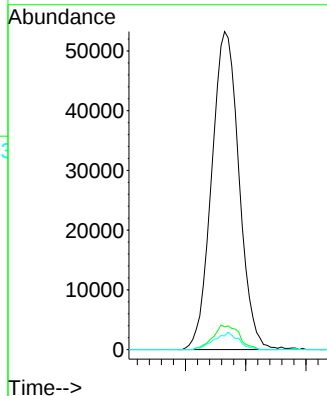
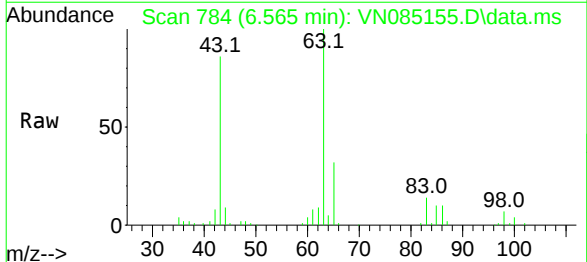
Manual Integrations
 APPROVED

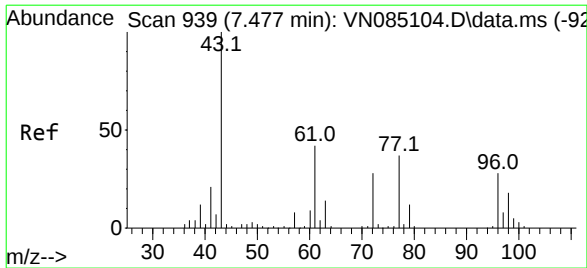
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#24
 1,1-Dichloroethane
 Concen: 48.178 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

Tgt Ion: 63 Resp: 167962
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.3 2.2 6.6





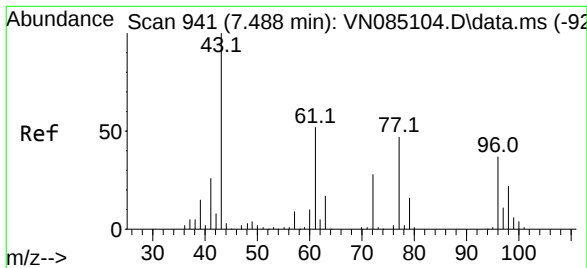
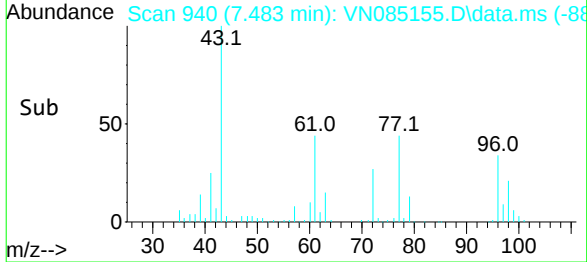
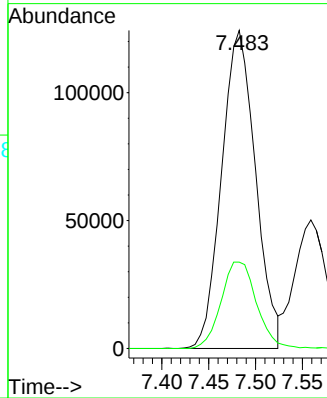
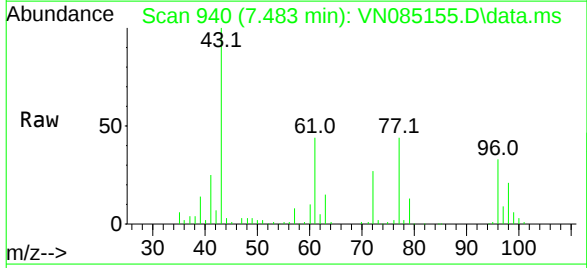
#25
2-Butanone
Concen: 285.003 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 312705
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.0

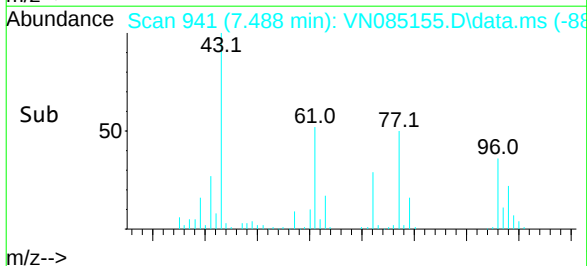
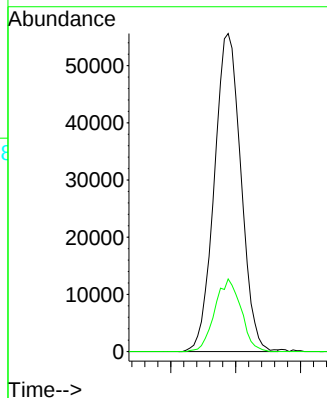
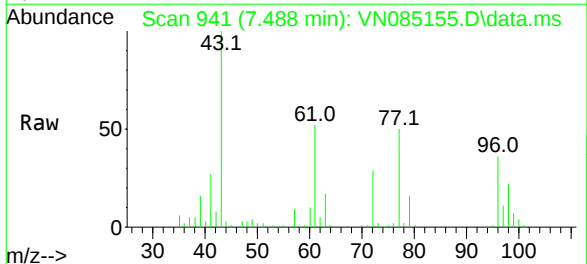
Manual Integrations
APPROVED

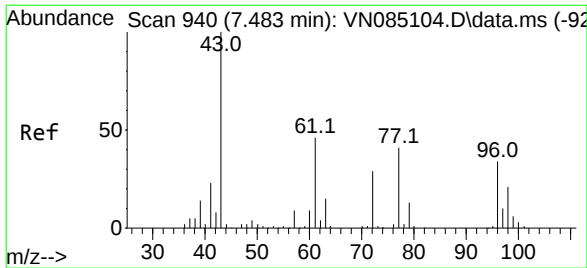
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#26
2,2-Dichloropropane
Concen: 48.679 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

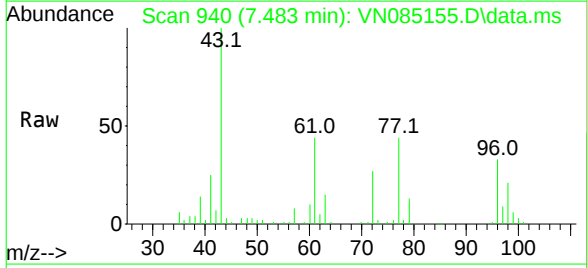
Tgt Ion: 77 Resp: 158470
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 48.259 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

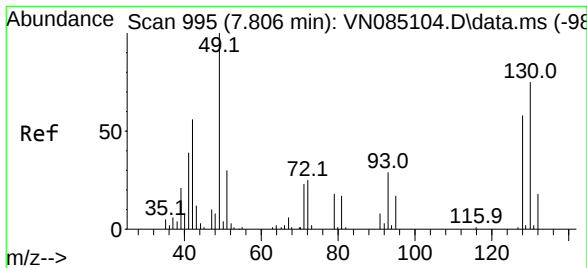
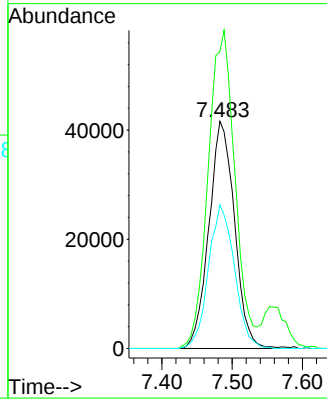
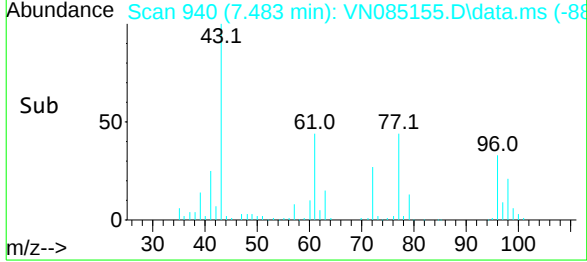
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 105122
Ion Ratio Lower Upper
96 100
61 146.9 0.0 291.6
98 64.3 0.0 129.8

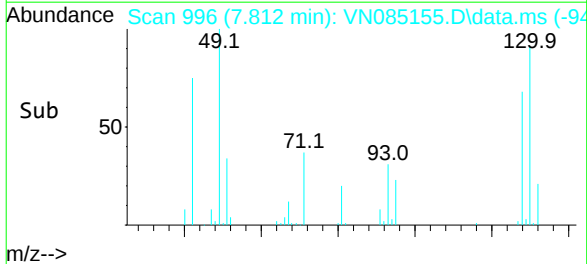
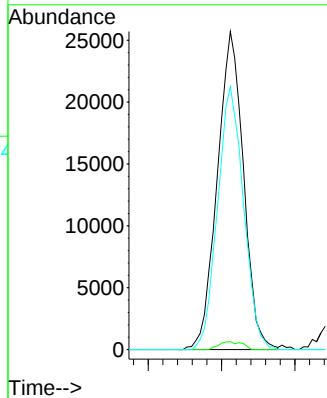
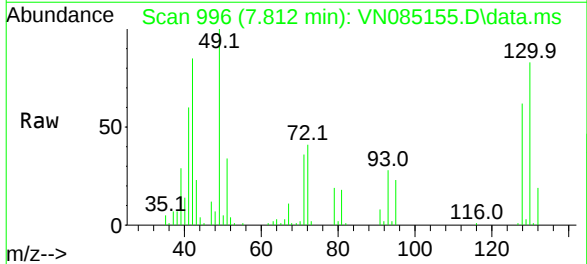
Manual Integrations
APPROVED

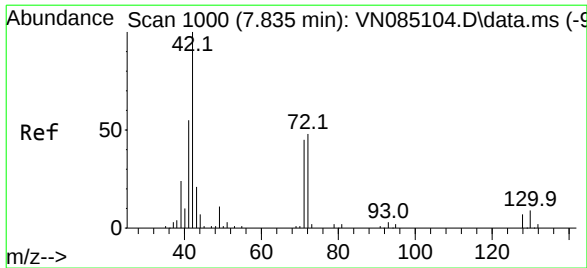
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#28
Bromochloromethane
Concen: 48.488 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 49 Resp: 63811
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 81.8 60.6 90.8





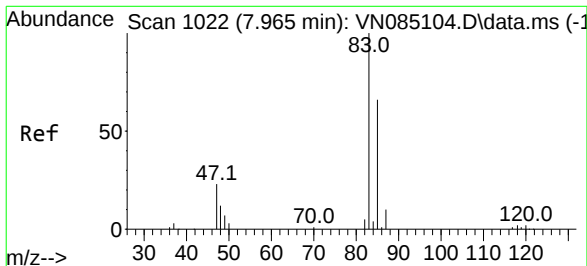
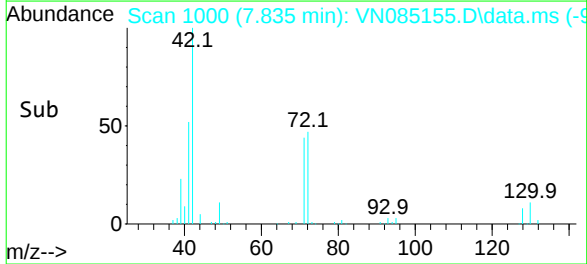
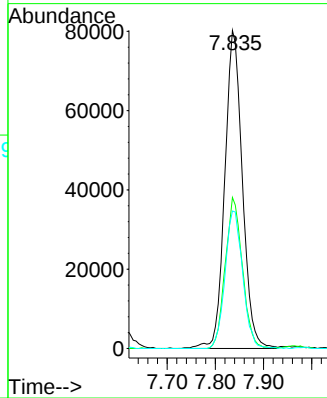
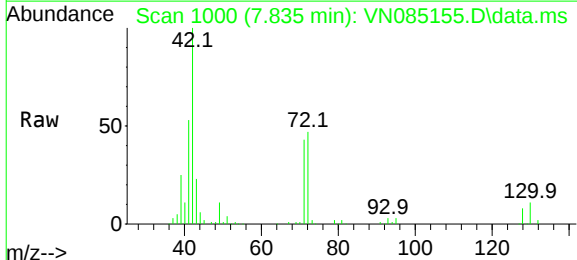
#29
Tetrahydrofuran
Concen: 297.720 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 203138
Ion Ratio Lower Upper
42 100
72 46.3 37.0 55.4
71 43.4 35.0 52.4

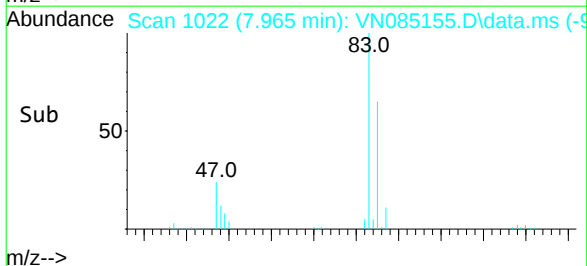
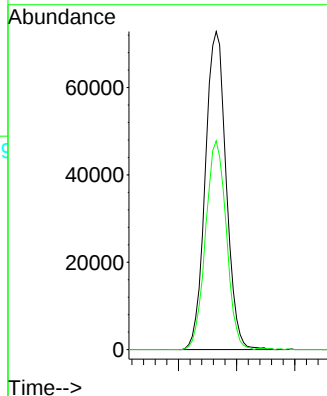
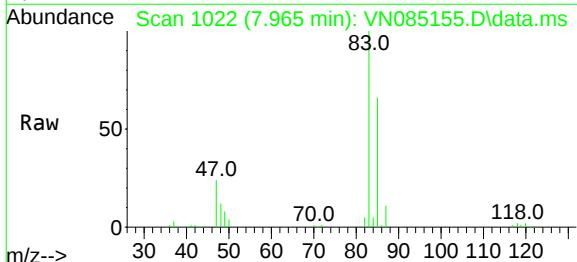
Manual Integrations
APPROVED

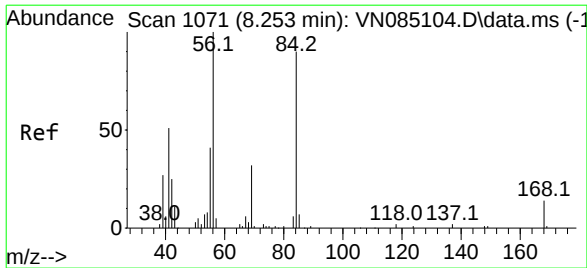
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#30
Chloroform
Concen: 48.925 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 83 Resp: 181439
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8





#31

Cyclohexane

Concen: 44.926 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 137900

Ion Ratio Lower Upper

56 100

69 32.0 24.6 36.8

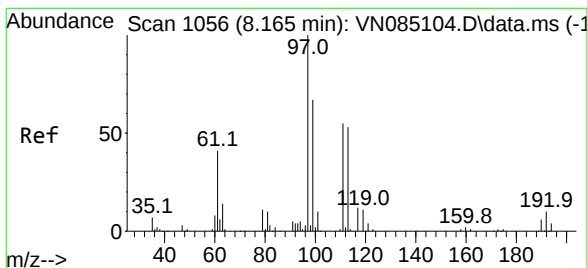
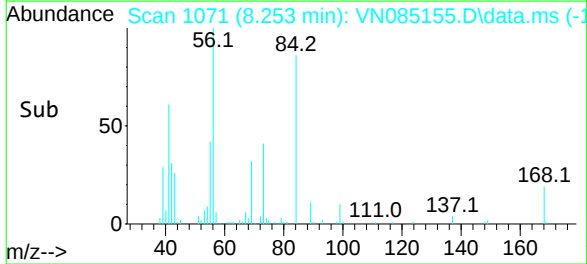
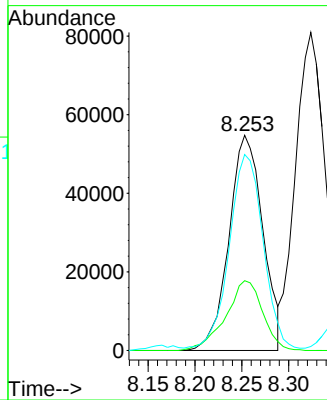
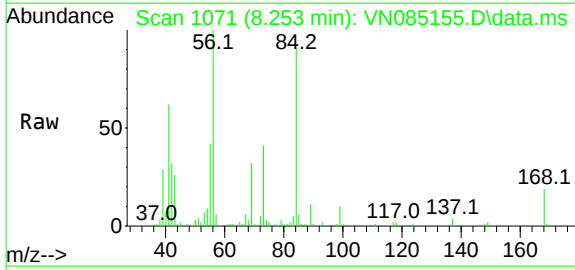
84 89.7 71.4 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#32

1,1,1-Trichloroethane

Concen: 50.120 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

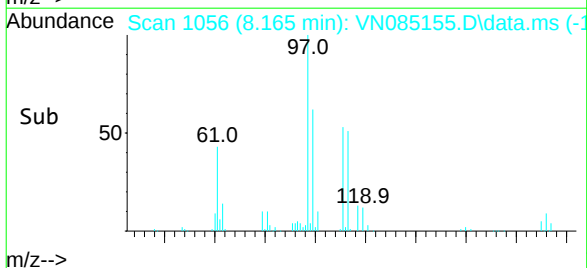
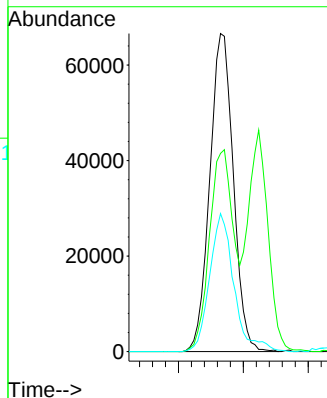
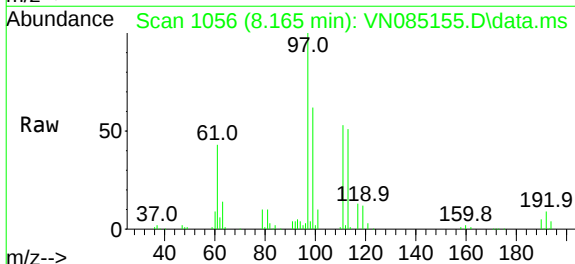
Tgt Ion: 97 Resp: 167961

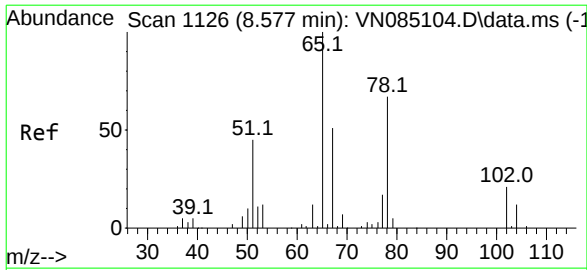
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 44.7 36.2 54.2





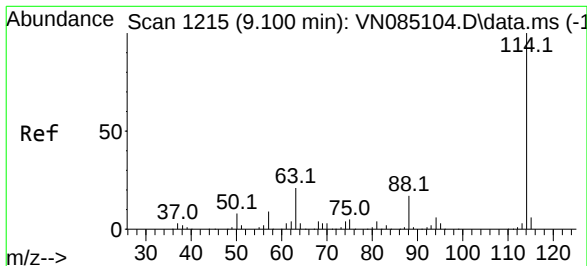
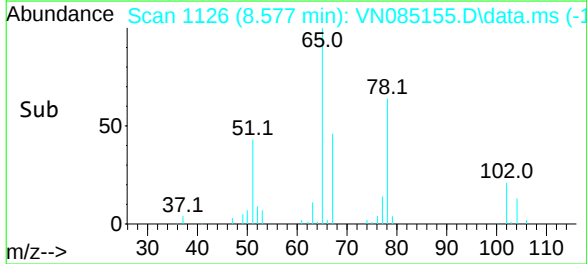
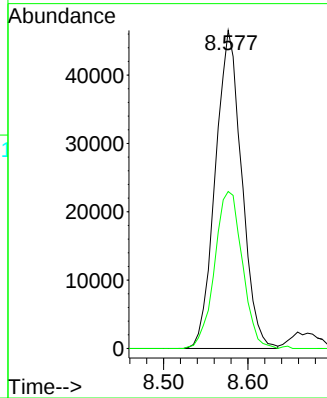
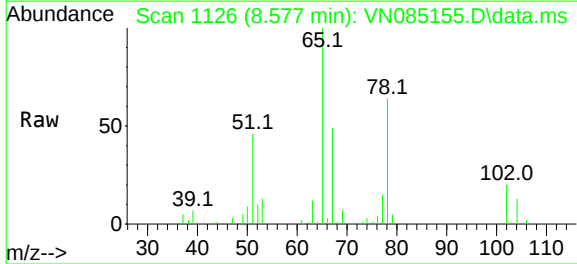
#33
1,2-Dichloroethane-d4
Concen: 43.817 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 100968
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

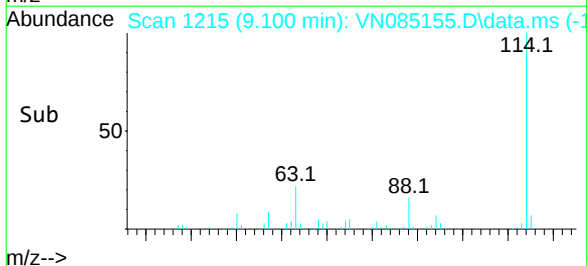
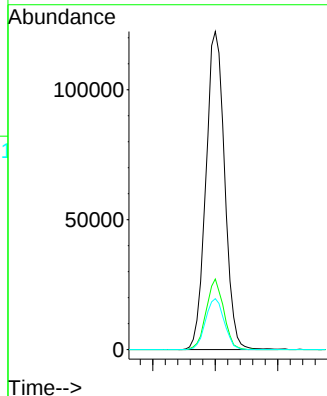
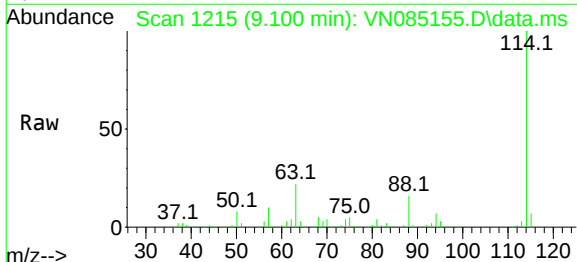
Manual Integrations
APPROVED

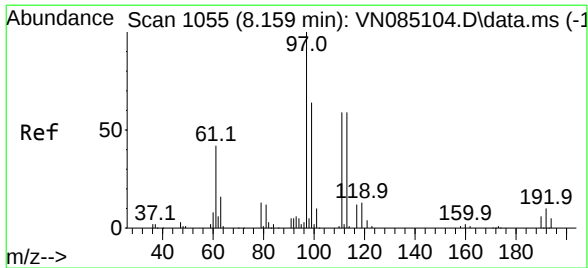
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

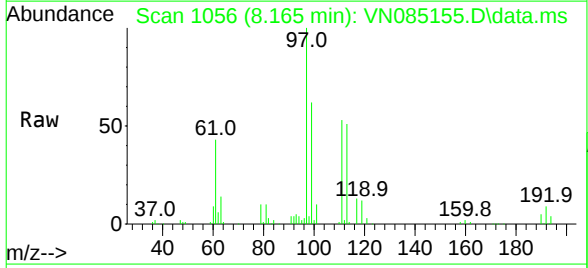
Tgt Ion:114 Resp: 254585
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.0
88 16.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 47.120 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

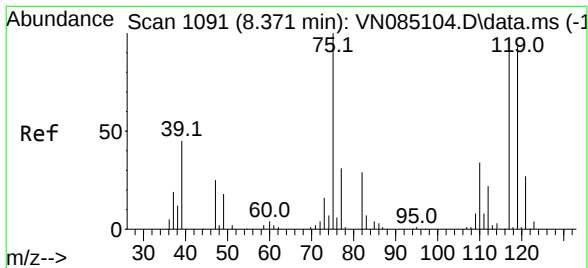
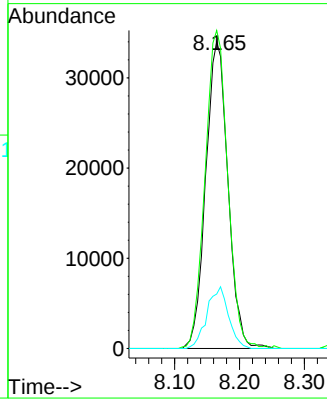
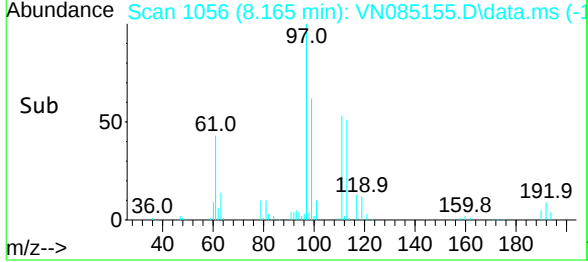
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 80898
Ion Ratio Lower Upper
113 100
111 105.4 82.0 123.0
192 19.5 14.8 22.2

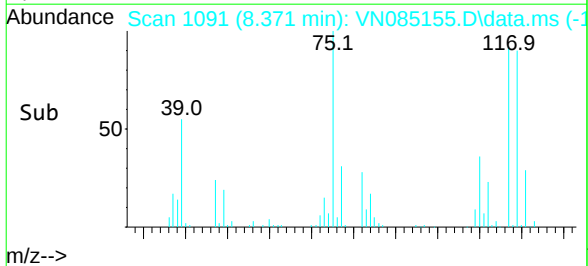
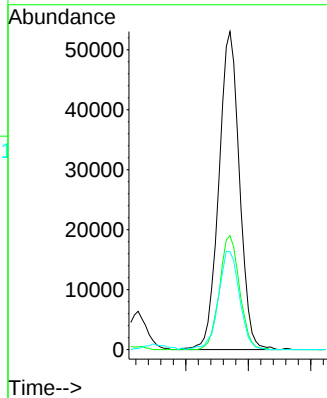
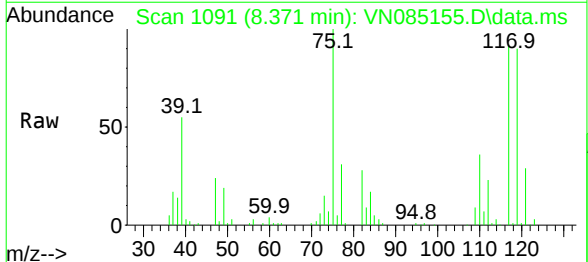
Manual Integrations
APPROVED

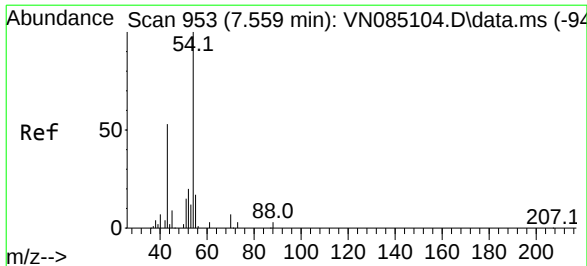
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#36
1,1-Dichloropropene
Concen: 52.334 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

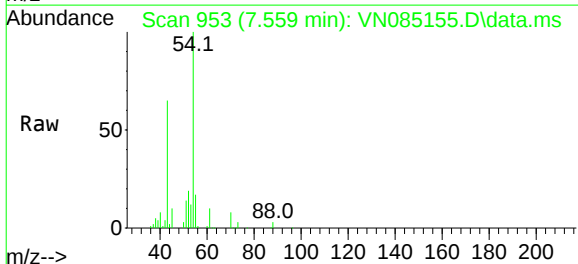
Tgt Ion: 75 Resp: 121699
Ion Ratio Lower Upper
75 100
110 35.0 17.2 51.6
77 31.5 24.2 36.4





#37
Ethyl Acetate
Concen: 59.763 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

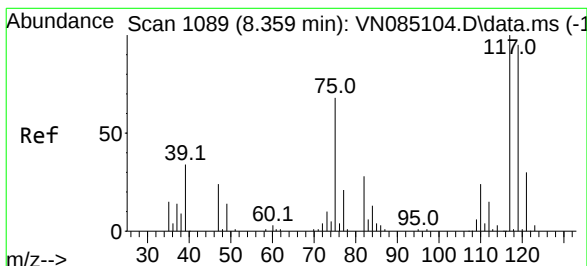
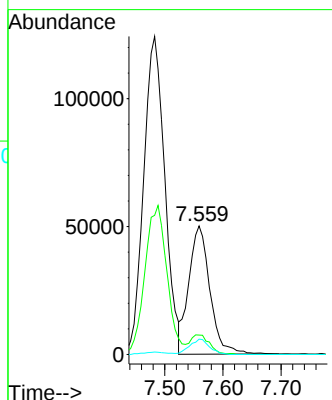
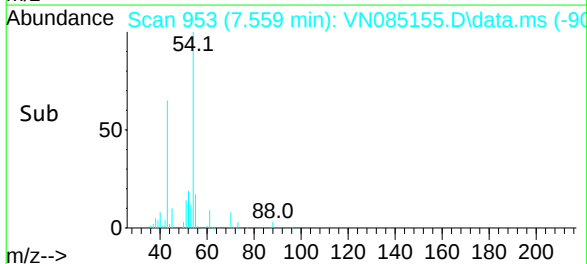
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



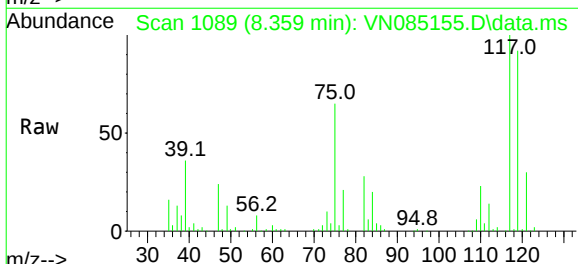
Tgt Ion: 43 Resp: 126344
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 11.1 9.3 13.9

Manual Integrations
APPROVED

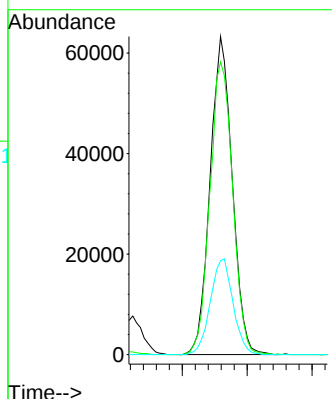
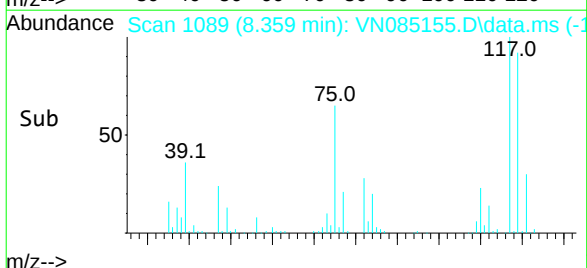
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

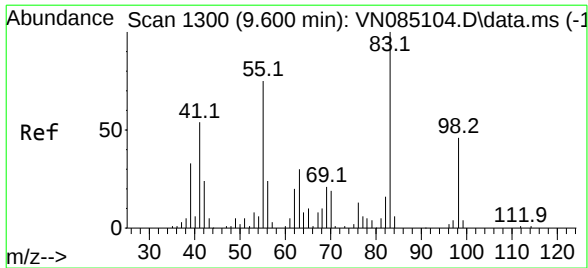


#38
Carbon Tetrachloride
Concen: 55.882 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17



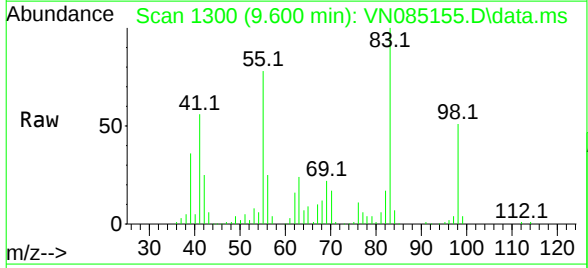
Tgt Ion:117 Resp: 150001
Ion Ratio Lower Upper
117 100
119 92.0 78.6 117.8
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 54.143 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

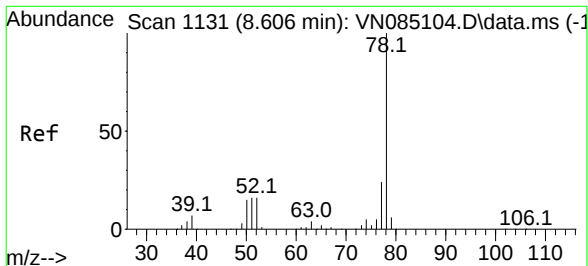
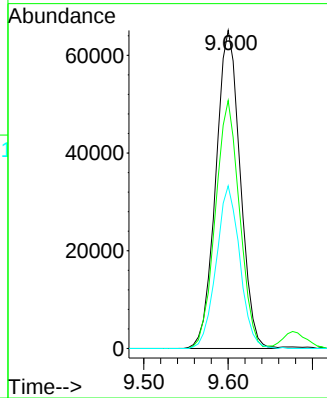
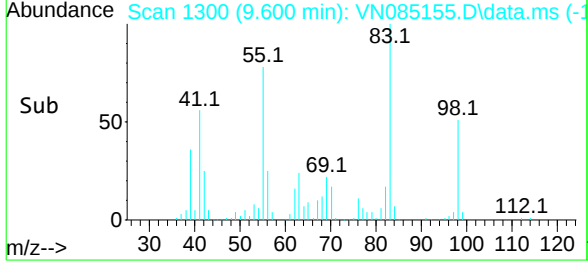
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 130835
Ion Ratio Lower Upper
83 100
55 78.0 61.8 92.6
98 51.1 37.0 55.6

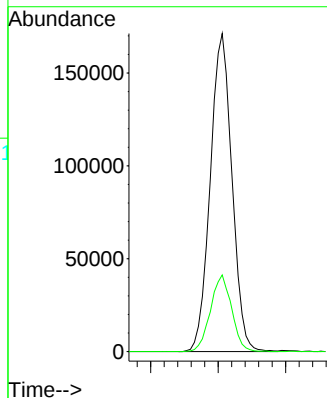
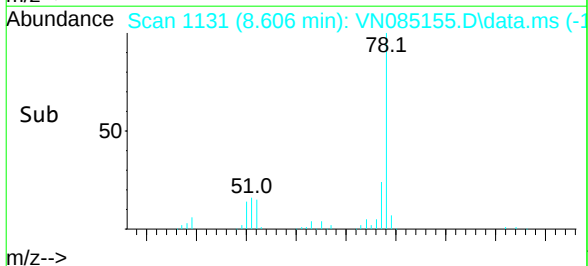
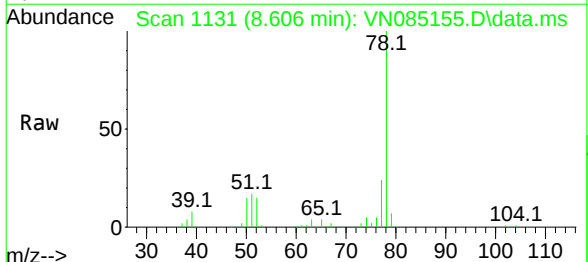
Manual Integrations
APPROVED

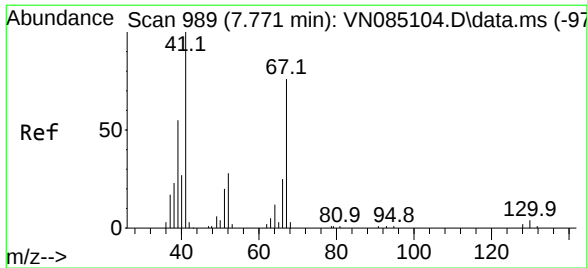
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#40
Benzene
Concen: 51.994 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 78 Resp: 382412
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7





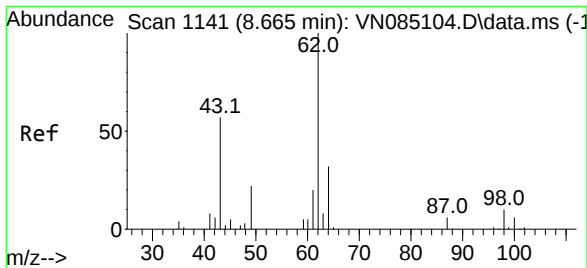
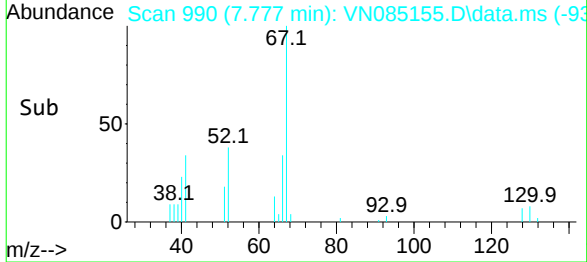
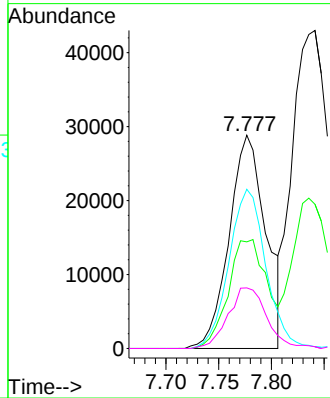
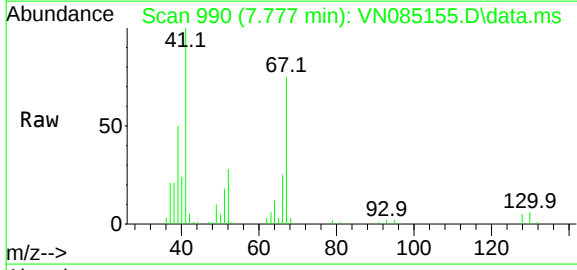
#41
Methacrylonitrile
Concen: 59.666 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	69840
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.6	63.8
67	75.4	59.9	89.9
52	30.2	24.8	37.2

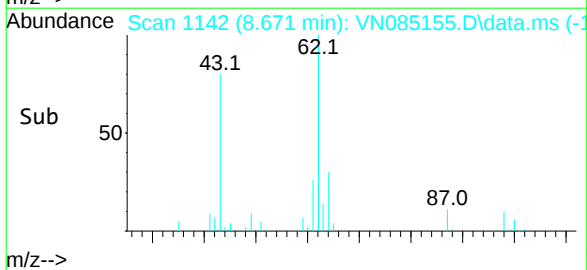
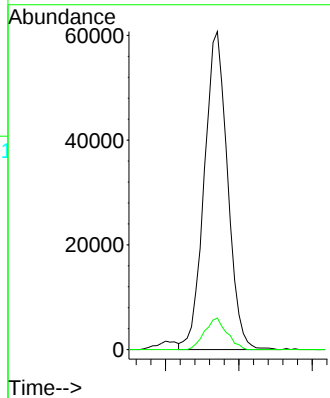
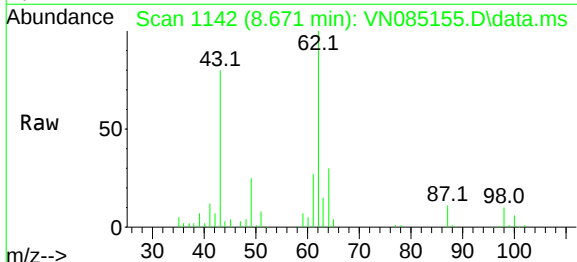
Manual Integrations
APPROVED

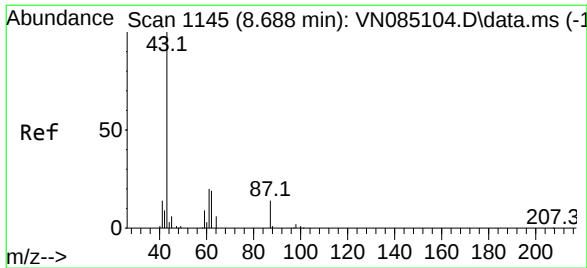
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#42
1,2-Dichloroethane
Concen: 53.210 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

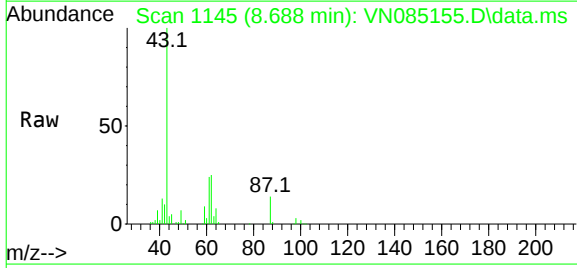
Tgt Ion:	62	Resp:	133886
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43
Isopropyl Acetate
Concen: 49.212 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

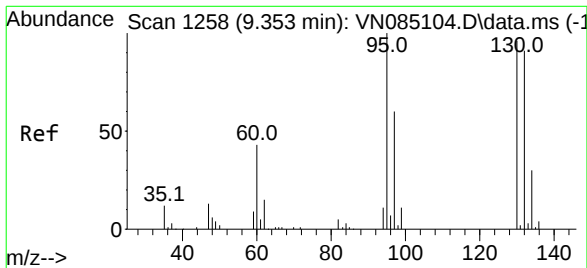
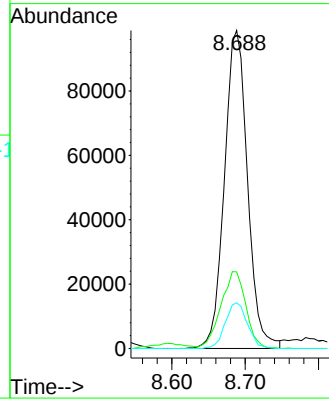
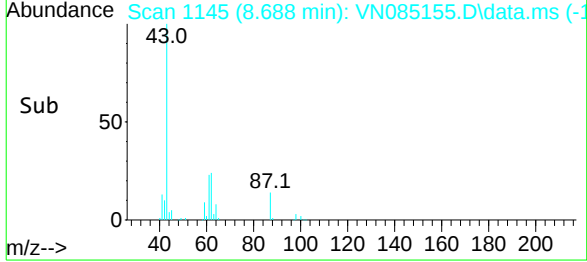
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 216103
Ion Ratio Lower Upper
43 100
61 26.1 20.6 30.8
87 13.7 11.0 16.4

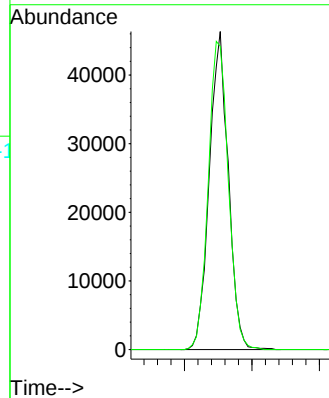
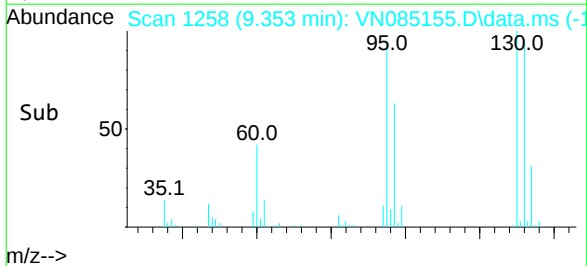
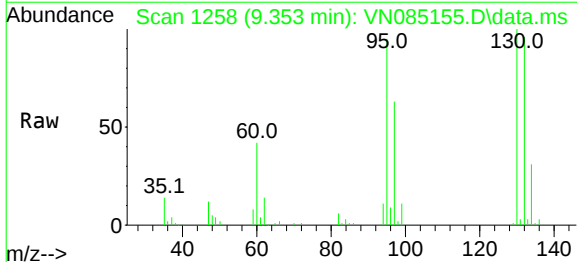
Manual Integrations
APPROVED

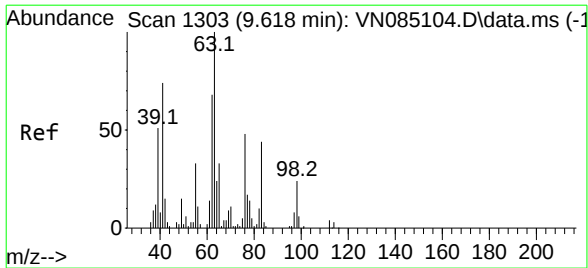
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#44
Trichloroethene
Concen: 52.964 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

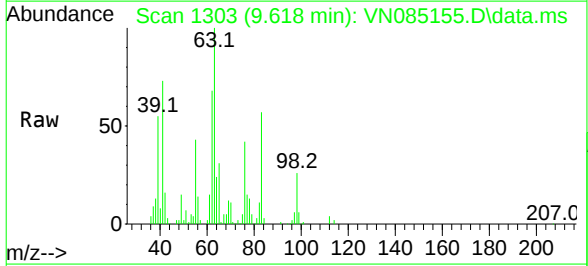
Tgt Ion:130 Resp: 90528
Ion Ratio Lower Upper
130 100
95 95.4 0.0 213.4





#45
1,2-Dichloropropane
Concen: 52.151 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

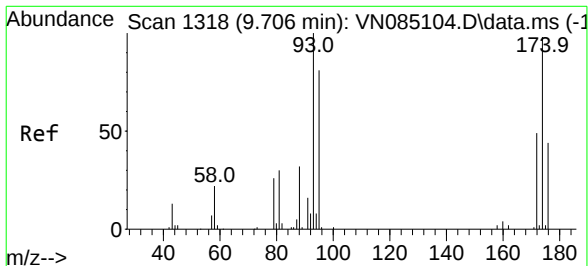
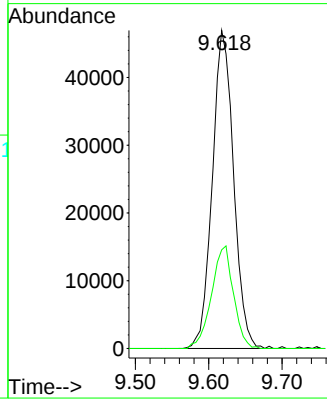
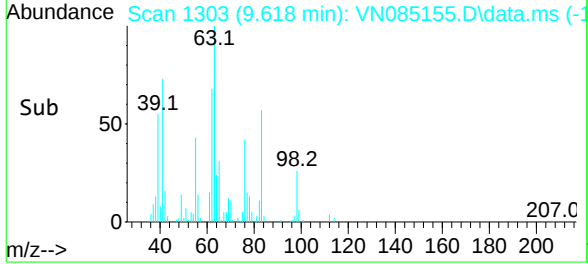
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 94473
Ion Ratio Lower Upper
63 100
65 31.0 24.0 36.0

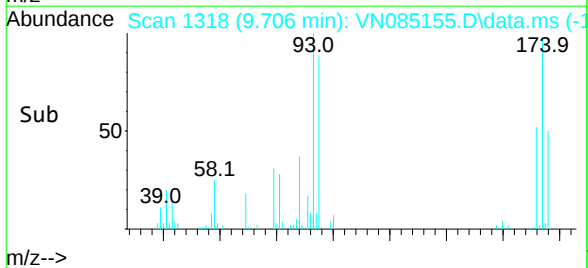
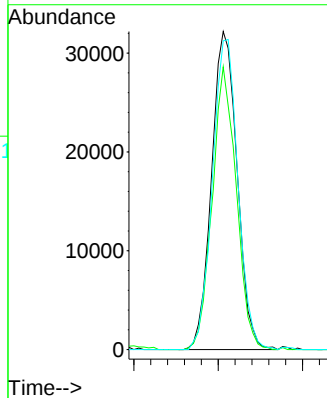
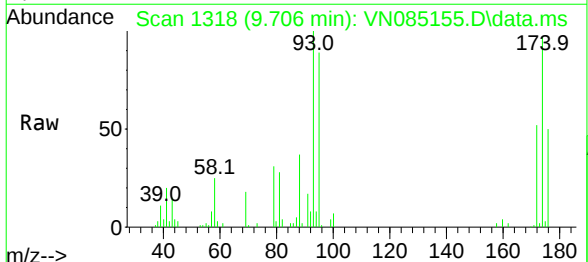
Manual Integrations
APPROVED

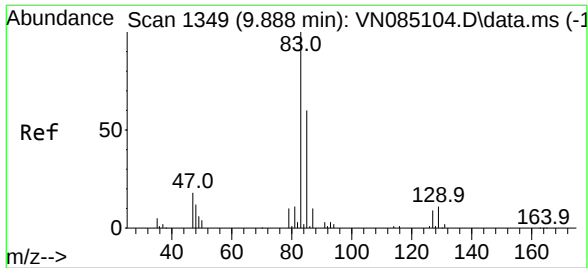
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#46
Dibromomethane
Concen: 53.789 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 93 Resp: 67708
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.4
174 97.5 74.9 112.3





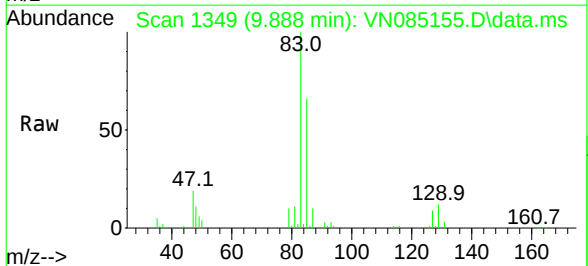
#47
 Bromodichloromethane
 Concen: 55.641 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.006 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

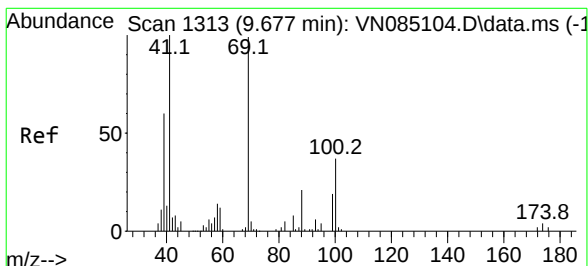
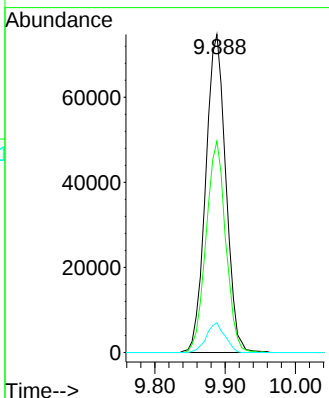
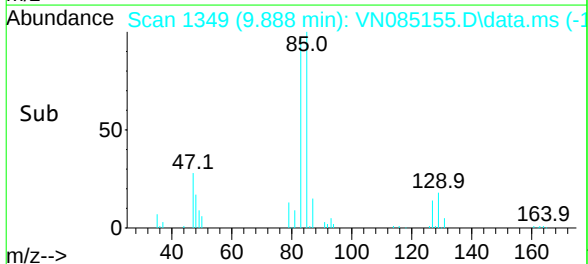
VSTDCCC050



Tgt Ion:	83	Resp:	148442
Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.5	75.7
127	9.4	7.1	10.7

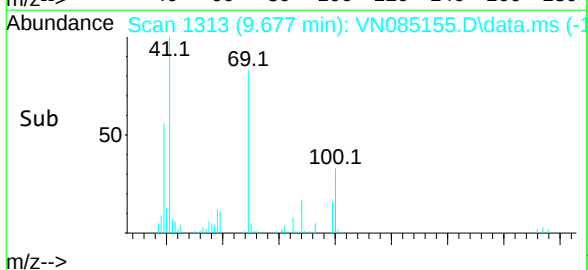
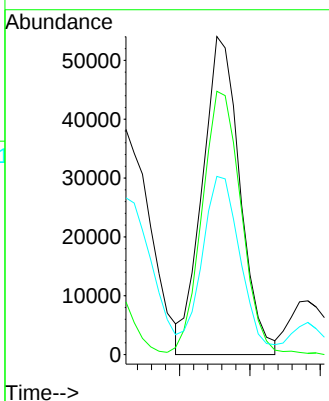
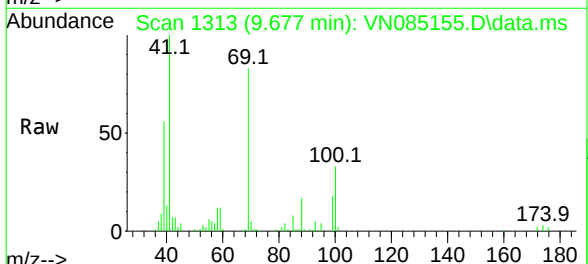
Manual Integrations
 APPROVED

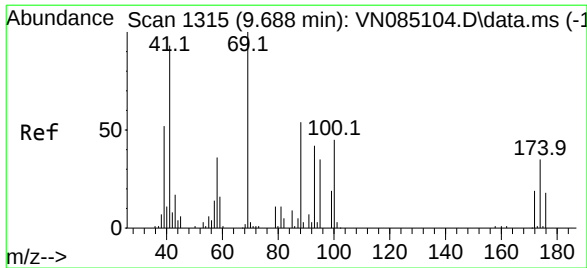
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#48
 Methyl methacrylate
 Concen: 61.491 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

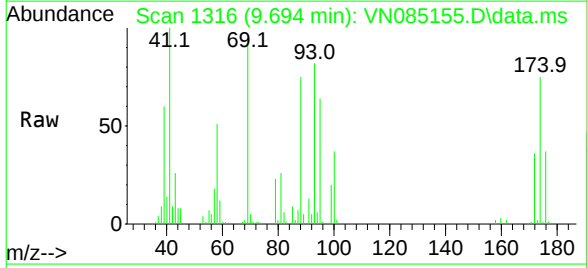
Tgt Ion:	41	Resp:	100482
Ion	Ratio	Lower	Upper
41	100		
69	86.2	73.2	109.8
39	57.8	46.2	69.4





#49
1,4-Dioxane
Concen: 1323.546 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

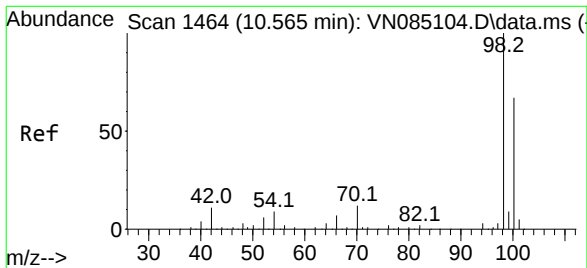
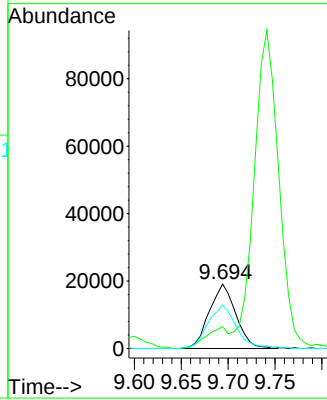
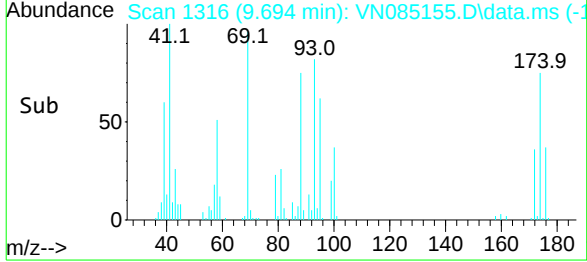
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 37507
Ion Ratio Lower Upper
88 100
43 27.8 16.7 25.1#
58 72.4 56.5 84.7

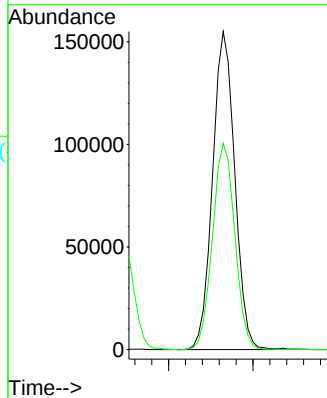
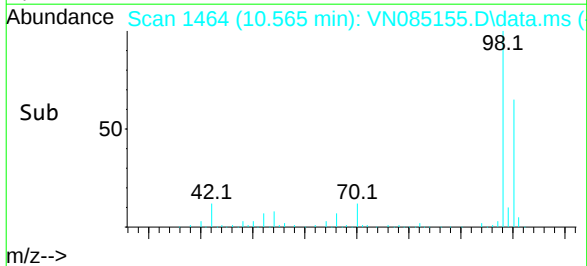
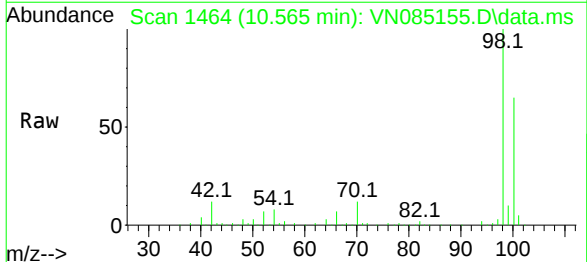
Manual Integrations
APPROVED

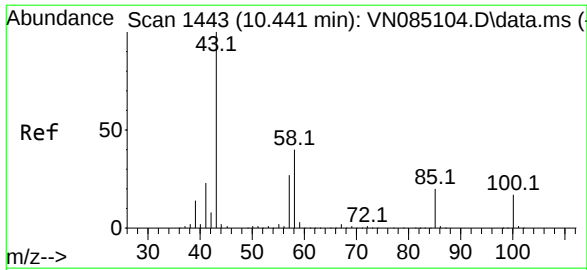
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#50
Toluene-d8
Concen: 46.000 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 98 Resp: 283027
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





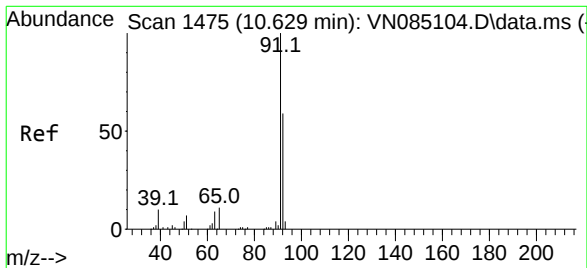
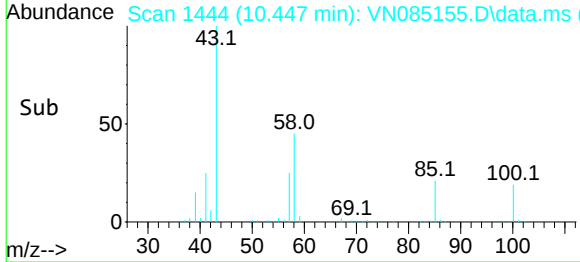
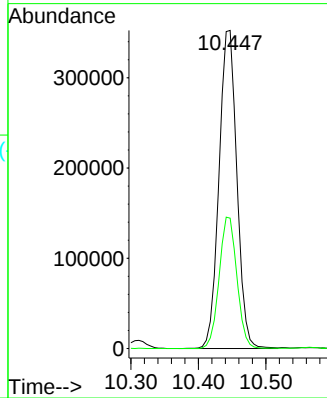
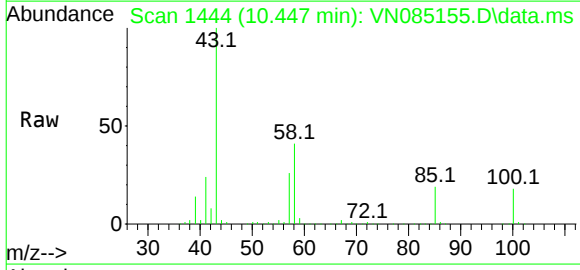
#51
4-Methyl-2-Pentanone
Concen: 323.315 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 648487
Ion Ratio Lower Upper
43 100
58 41.0 32.1 48.1

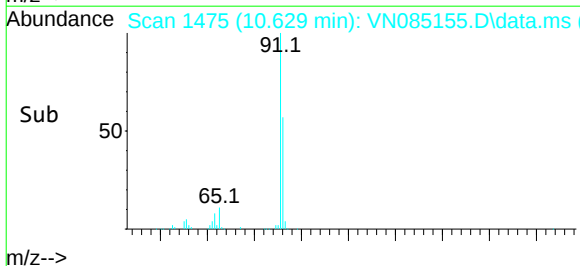
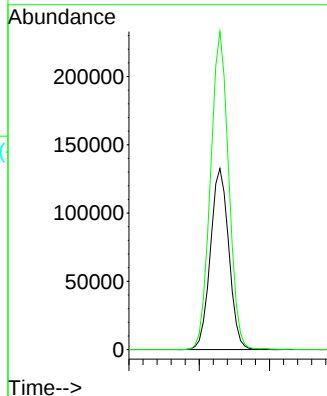
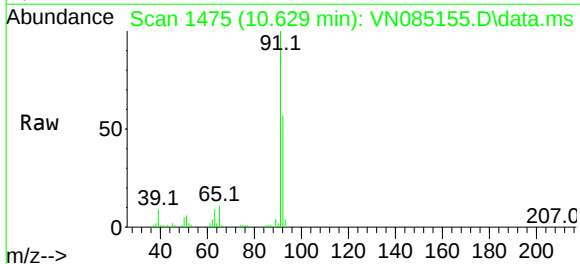
Manual Integrations
APPROVED

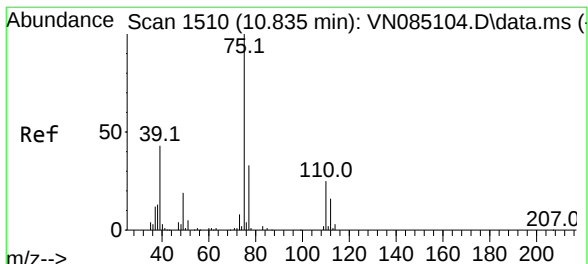
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#52
Toluene
Concen: 55.352 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 92 Resp: 241011
Ion Ratio Lower Upper
92 100
91 174.1 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 55.950 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

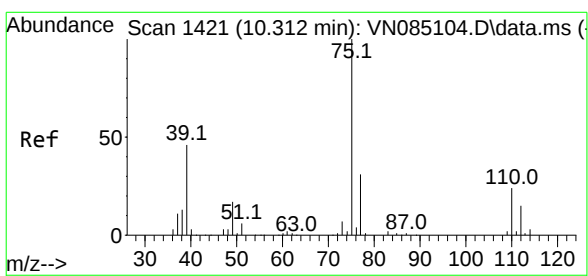
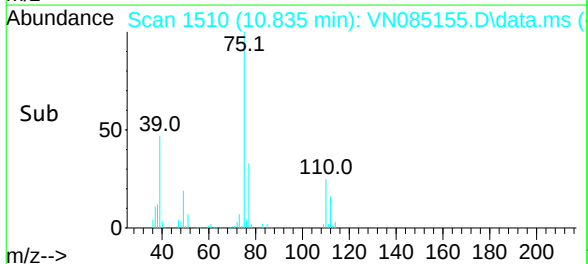
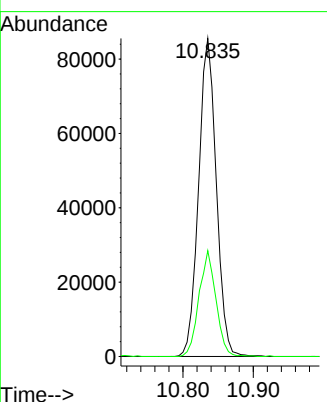
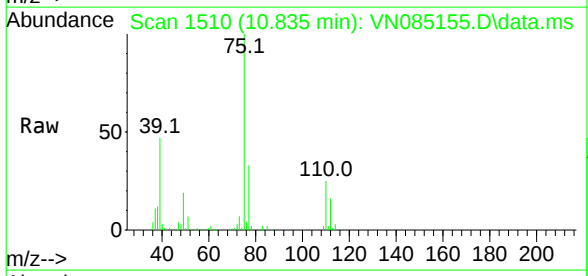
VSTDCCC050

Tgt Ion:	75	Resp:	149649
Ion Ratio	Lower	Upper	
75	100		
77	33.3	25.0	37.4

Manual Integrations

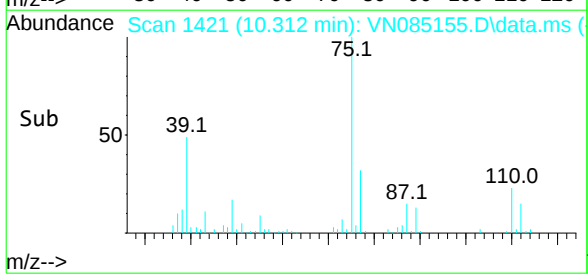
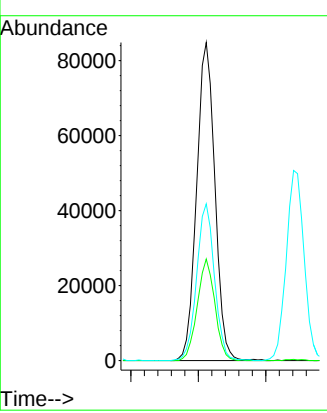
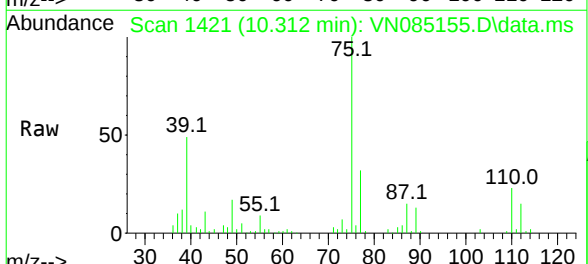
APPROVED

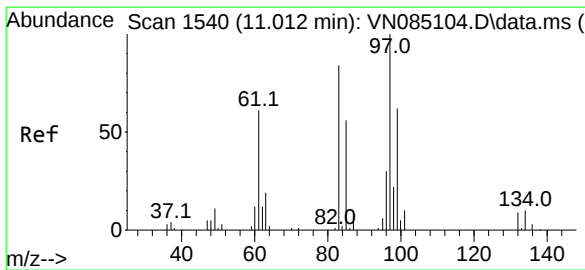
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#54
 cis-1,3-Dichloropropene
 Concen: 56.221 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085155.D
 Acq: 10 Dec 2024 10:17

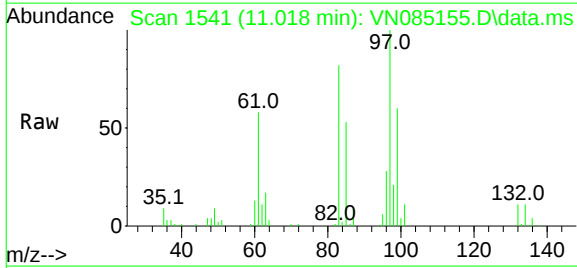
Tgt Ion:	75	Resp:	159530
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.0	37.4
39	49.3	37.6	56.4





#55
1,1,2-Trichloroethane
Concen: 57.846 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

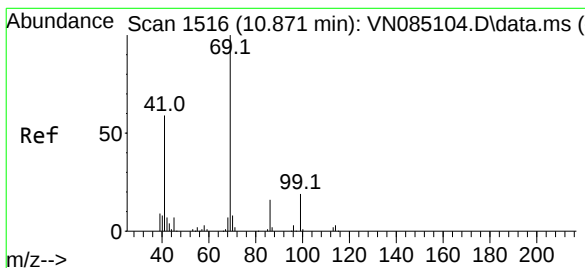
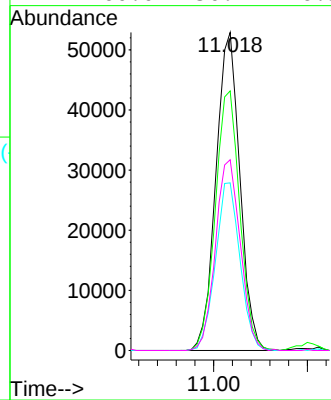
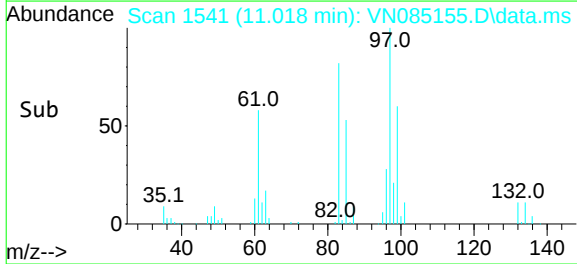
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	93815
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.4	101.2
85	52.7	43.1	64.7
99	60.0	50.9	76.3

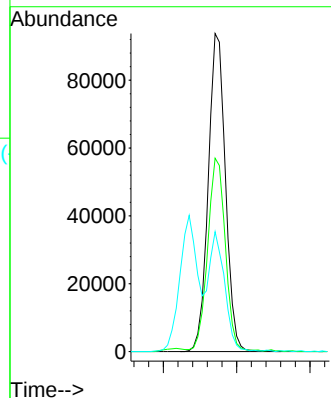
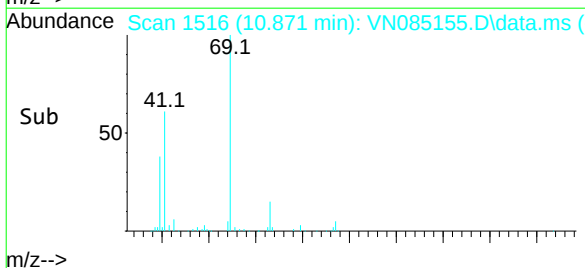
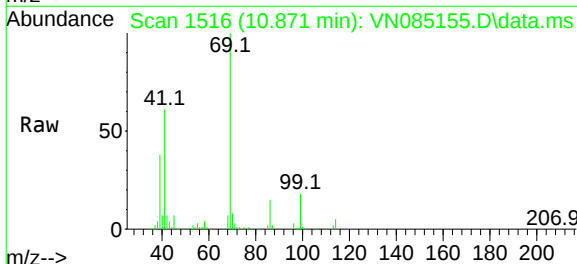
Manual Integrations
APPROVED

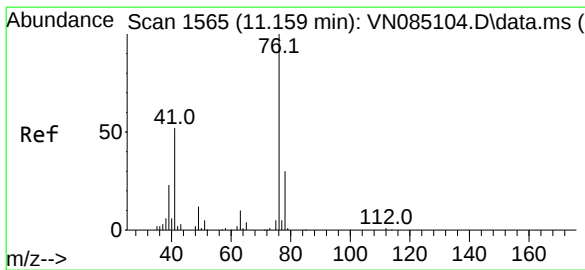
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#56
Ethyl methacrylate
Concen: 64.629 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

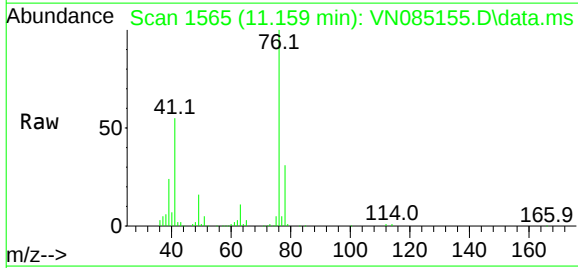
Tgt Ion:	69	Resp:	153163
Ion	Ratio	Lower	Upper
69	100		
41	62.2	50.0	75.0
39	35.2	27.0	40.6





#57
1,3-Dichloropropane
Concen: 55.570 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

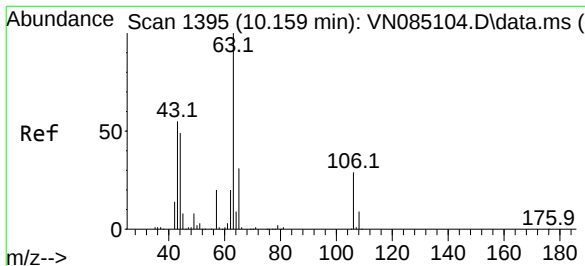
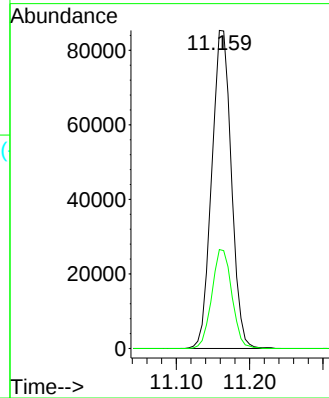
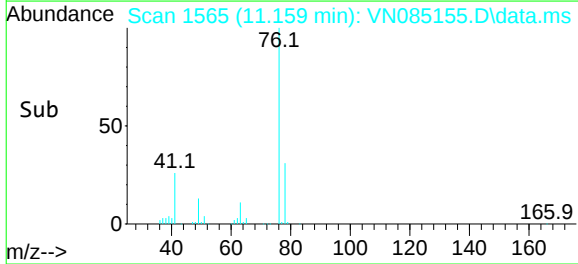
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 158618
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

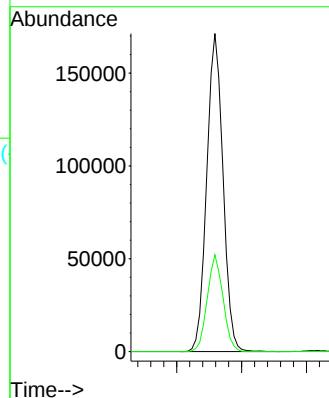
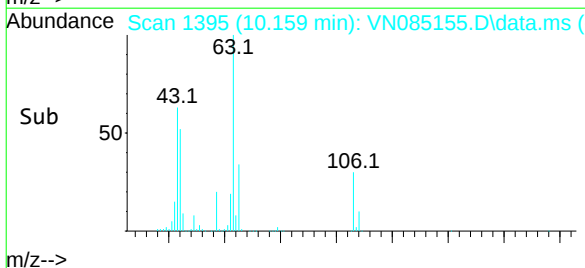
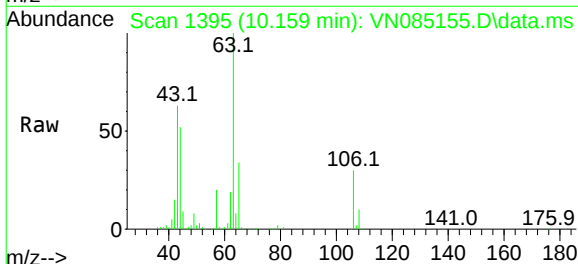
Manual Integrations
APPROVED

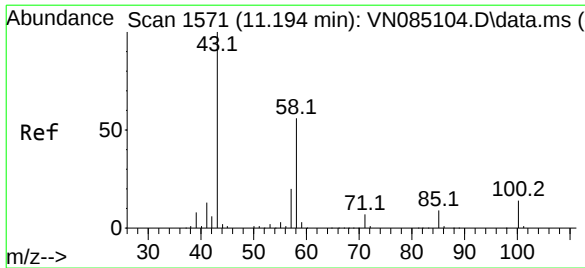
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 256.740 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 63 Resp: 298456
Ion Ratio Lower Upper
63 100
106 29.4 23.0 34.6





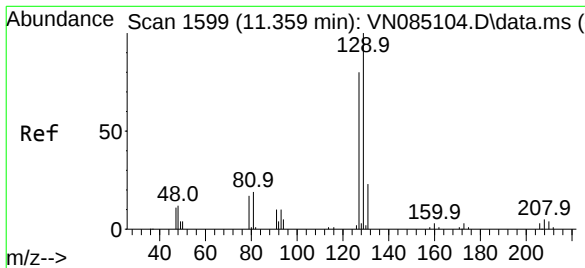
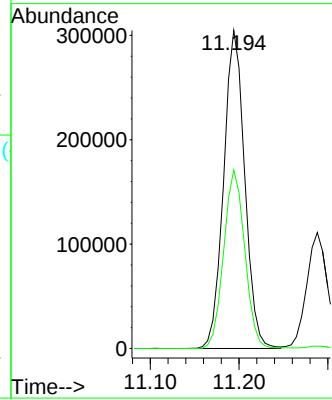
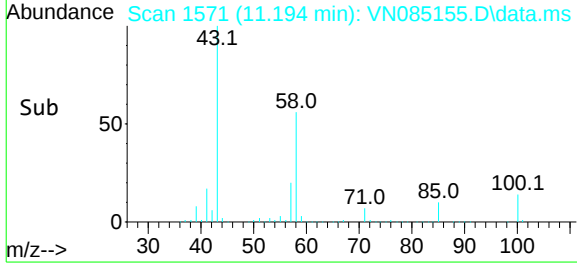
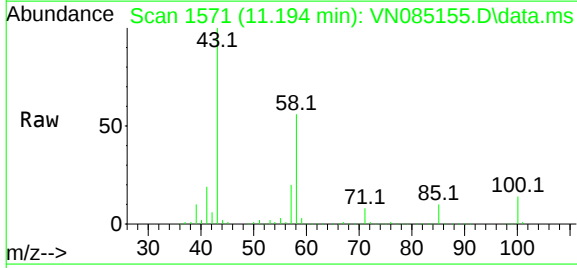
#59
2-Hexanone
Concen: 334.831 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 502281
Ion Ratio Lower Upper
43 100
58 56.1 28.3 85.0

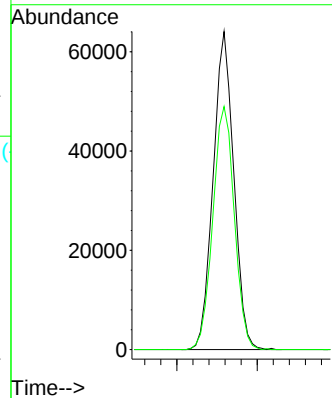
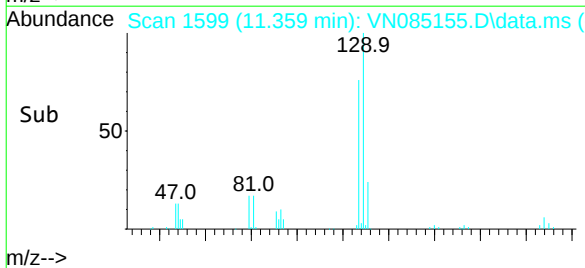
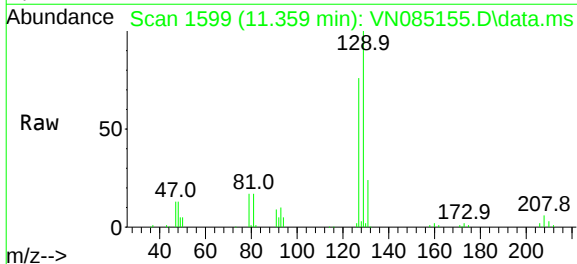
Manual Integrations
APPROVED

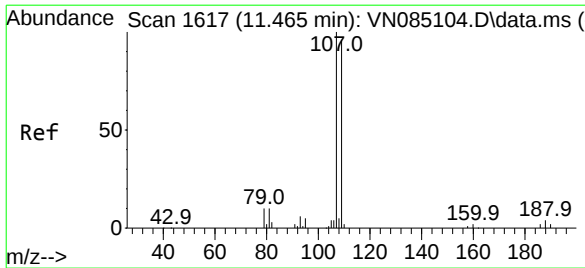
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#60
Dibromochloromethane
Concen: 57.623 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion:129 Resp: 114214
Ion Ratio Lower Upper
129 100
127 79.7 39.2 117.6





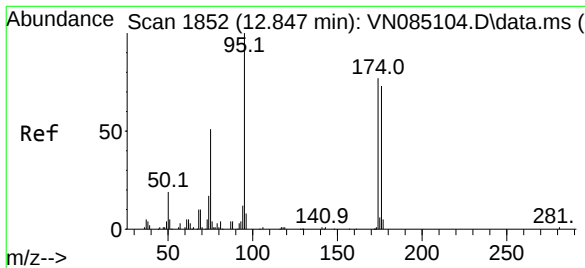
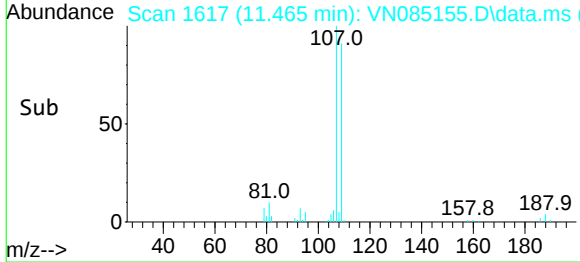
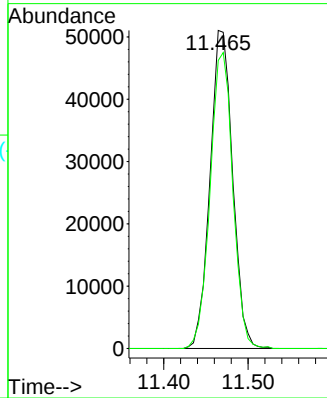
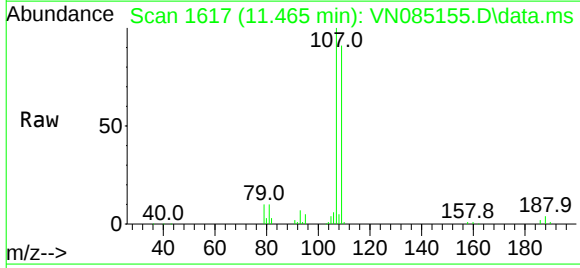
#61
1,2-Dibromoethane
Concen: 56.684 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 95141
Ion Ratio Lower Upper
107 100
109 93.3 76.1 114.1

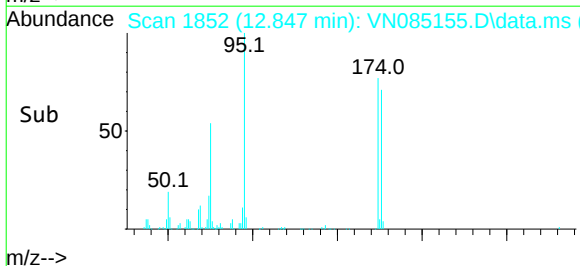
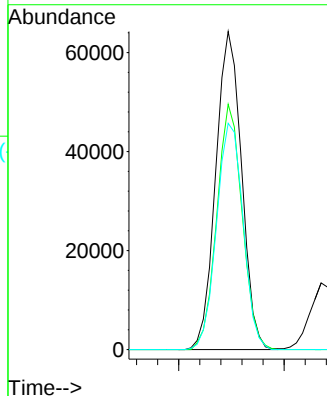
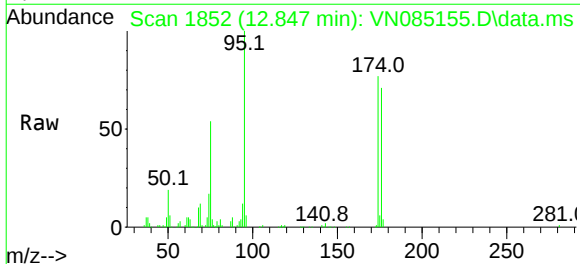
Manual Integrations
APPROVED

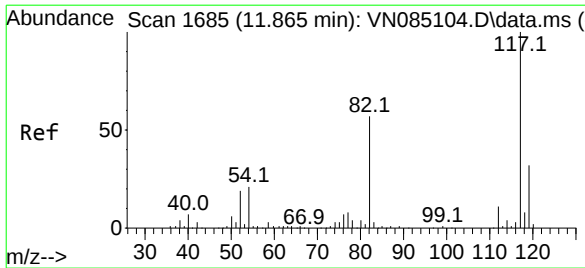
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 95 Resp: 109323
Ion Ratio Lower Upper
95 100
174 75.8 0.0 146.6
176 73.2 0.0 141.8





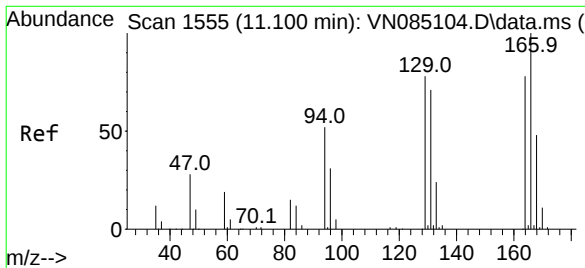
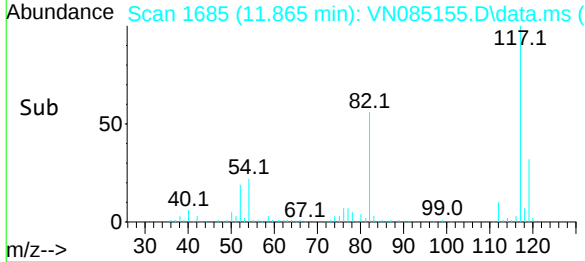
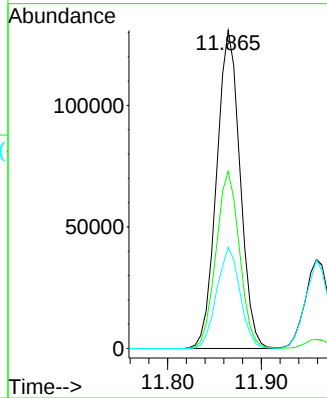
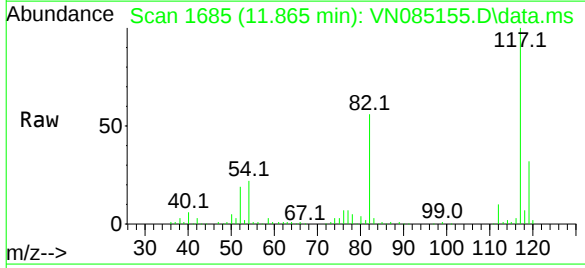
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	227639
Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.0	69.0
119	31.8	25.6	38.4

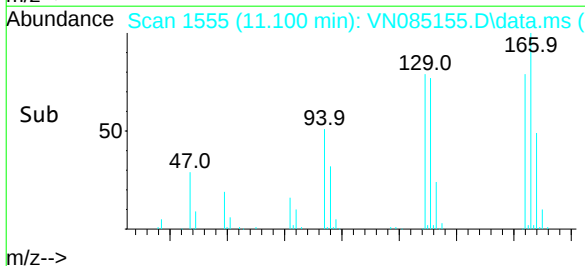
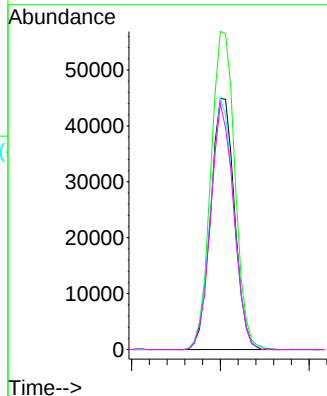
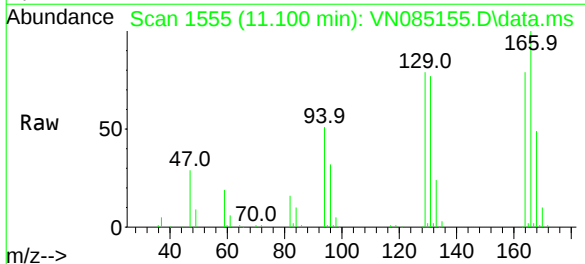
Manual Integrations
APPROVED

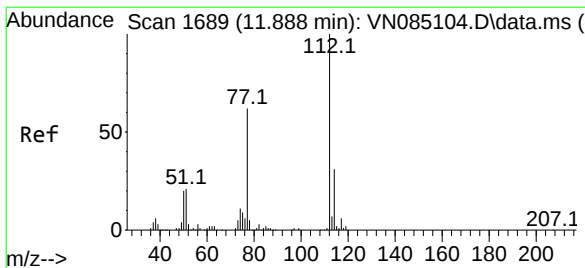
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#64
Tetrachloroethene
Concen: 54.636 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

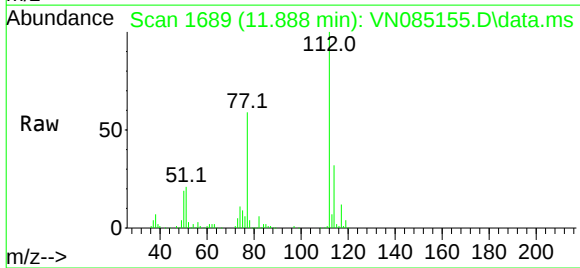
Tgt Ion:	164	Resp:	83806
Ion	Ratio	Lower	Upper
164	100		
166	126.6	100.6	151.0
129	100.1	77.7	116.5
131	97.8	77.2	115.8





#65
Chlorobenzene
Concen: 51.583 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

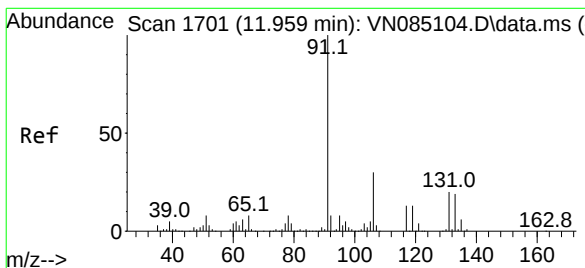
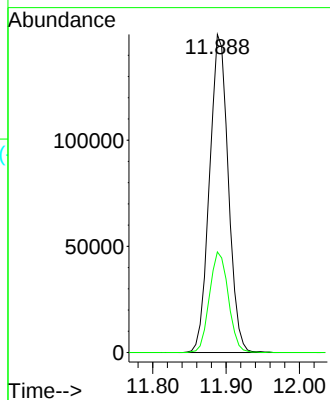
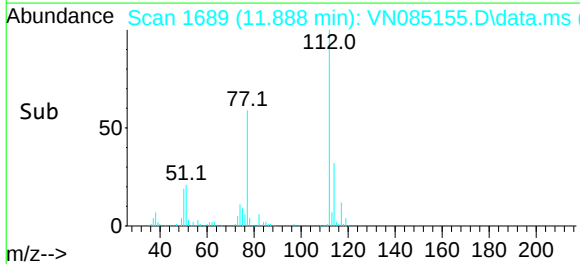
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 266304
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

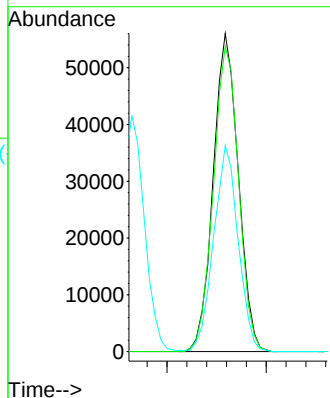
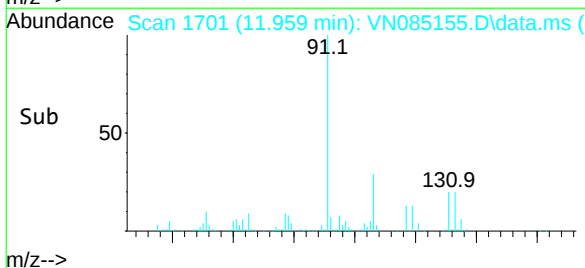
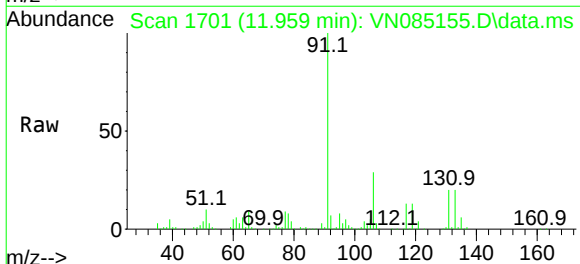
Manual Integrations
APPROVED

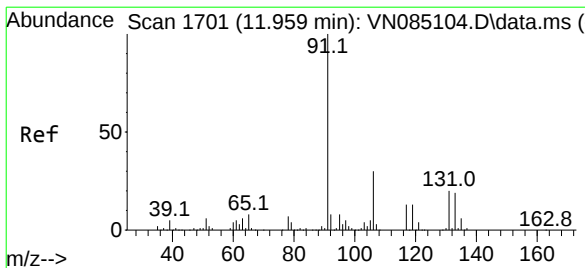
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.132 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion:131 Resp: 98394
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 63.4 32.1 96.3





#67

Ethyl Benzene

Concen: 56.457 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 472867

Ion Ratio Lower Upper

91 100

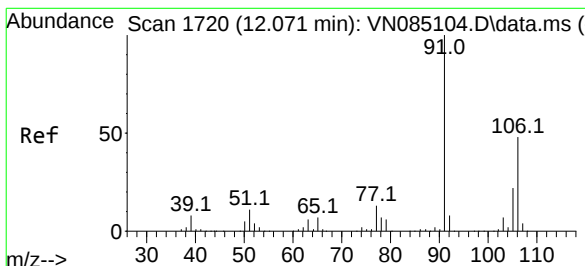
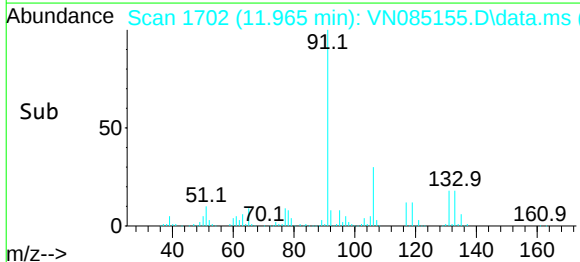
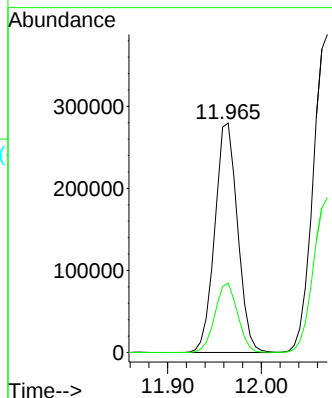
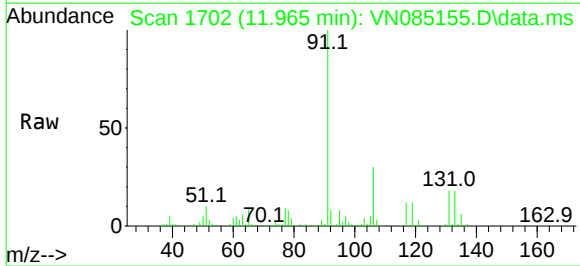
106 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#68

m/p-Xylenes

Concen: 114.138 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085155.D

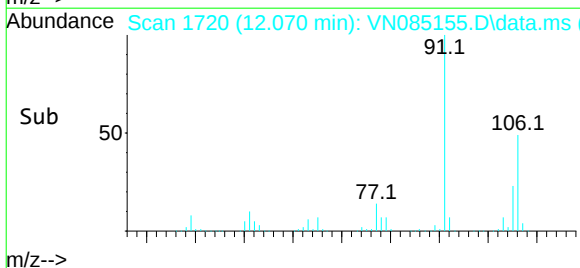
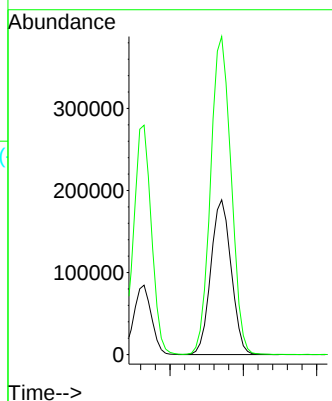
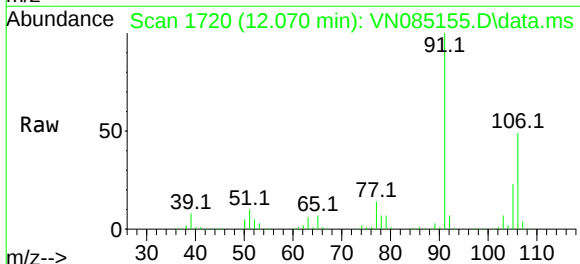
Acq: 10 Dec 2024 10:17

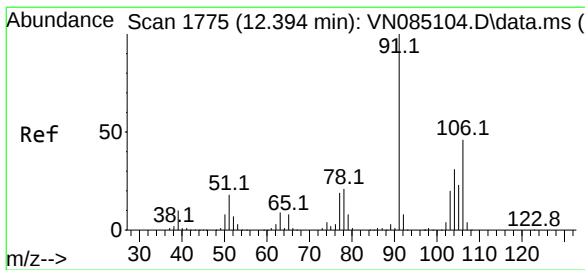
Tgt Ion:106 Resp: 363961

Ion Ratio Lower Upper

106 100

91 207.5 168.0 252.0





#69

o-Xylene

Concen: 56.325 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 170850

Ion Ratio Lower Upper

106 100

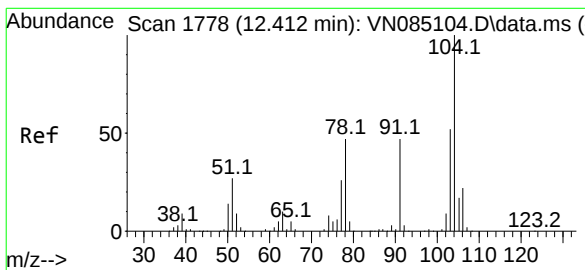
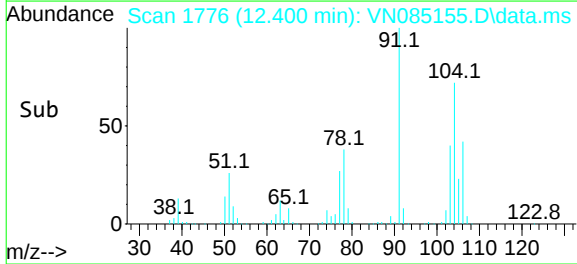
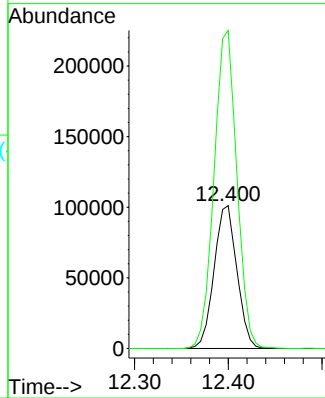
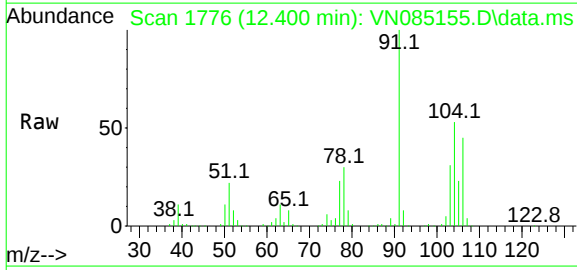
91 222.7 110.7 331.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#70

Styrene

Concen: 59.446 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

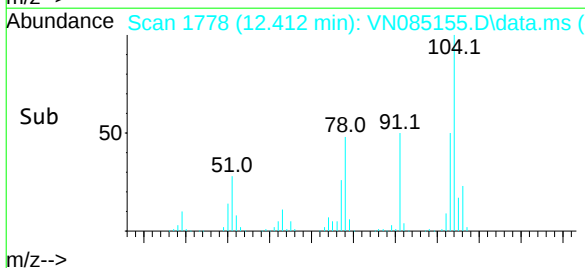
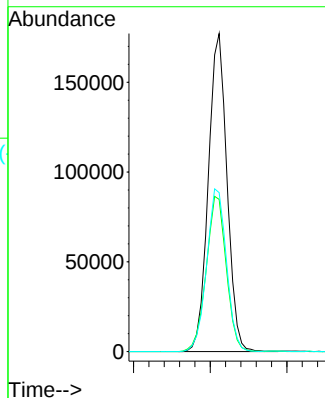
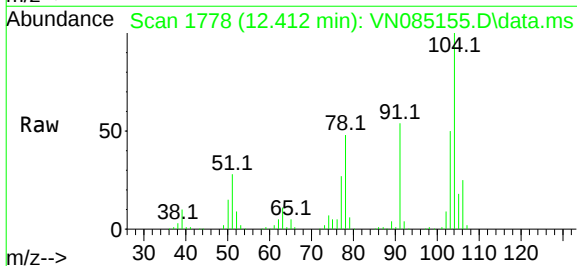
Tgt Ion:104 Resp: 299865

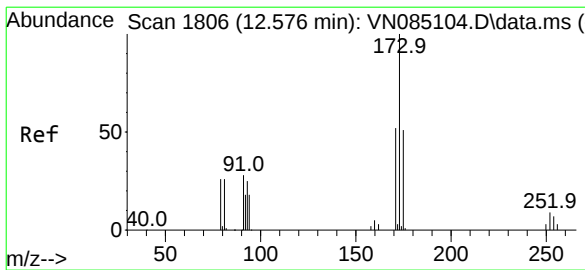
Ion Ratio Lower Upper

104 100

78 52.3 42.3 63.5

103 54.3 44.2 66.2





#71

Bromoform

Concen: 58.940 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

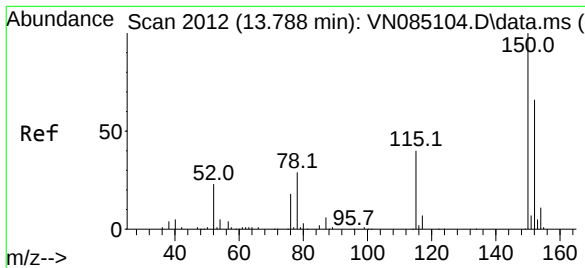
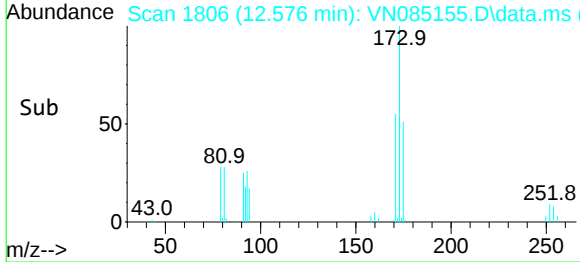
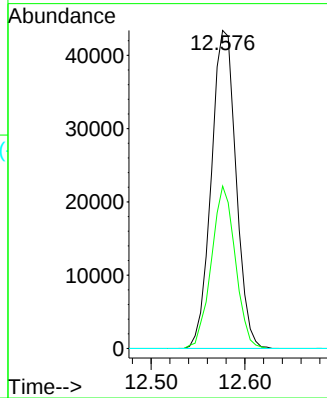
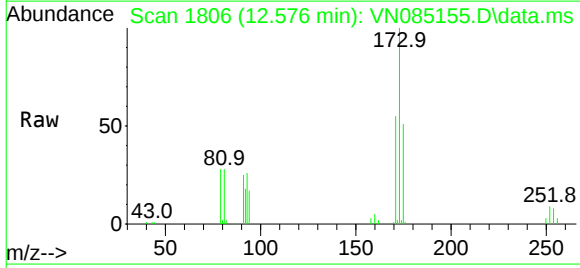
Tgt Ion:	173	Resp:	79524
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

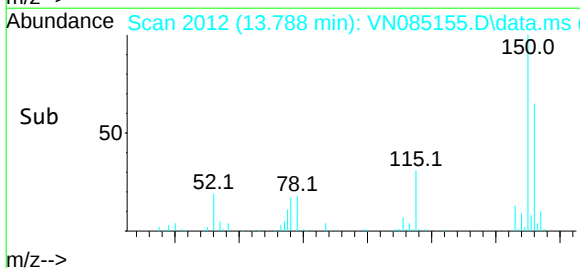
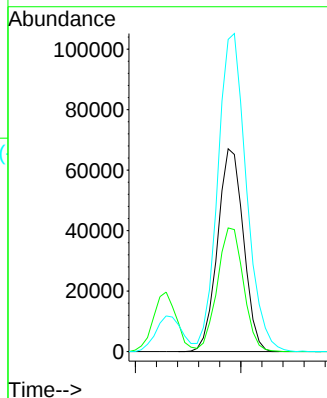
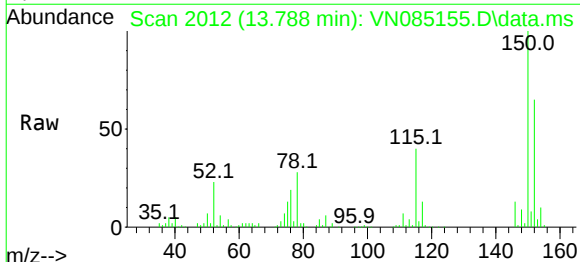
RT: 13.788 min Scan# 2012

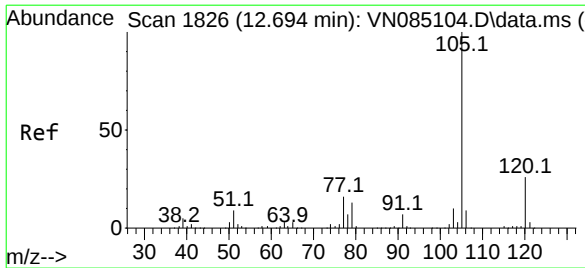
Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Tgt Ion:	152	Resp:	114435
Ion Ratio	Lower	Upper	
152	100		
115	61.6	31.7	95.1
150	173.8	0.0	351.4





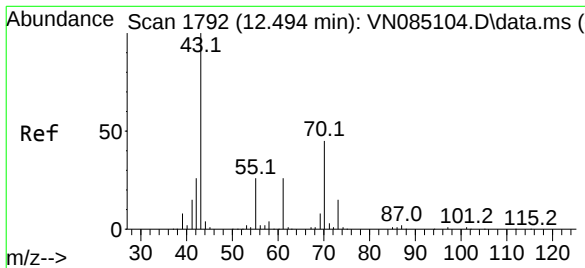
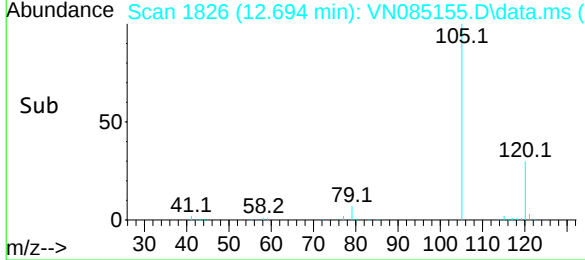
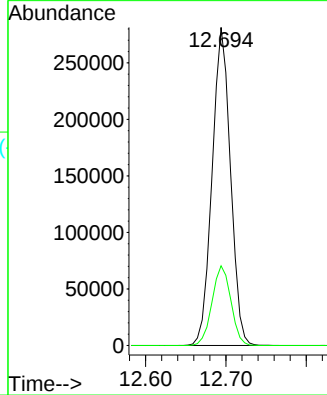
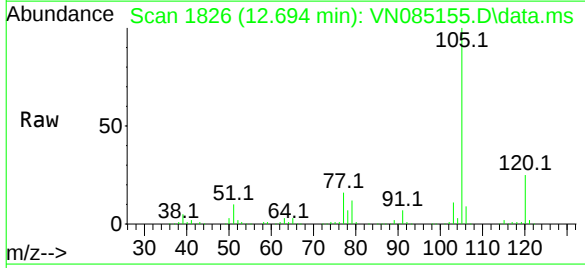
#73
Isopropylbenzene
Concen: 55.292 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 446376
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

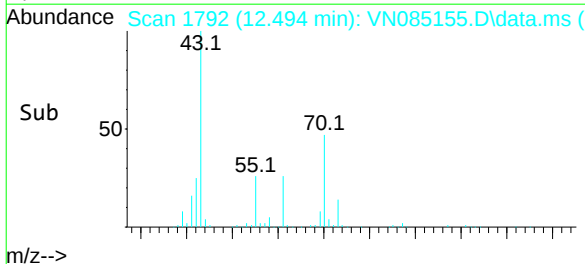
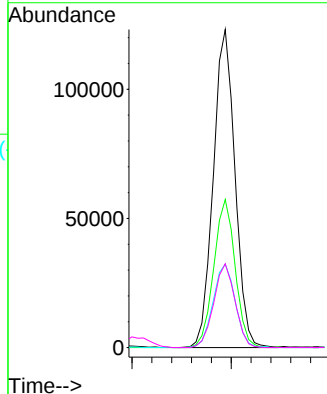
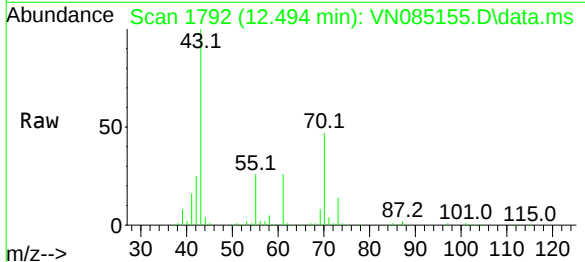
Manual Integrations
APPROVED

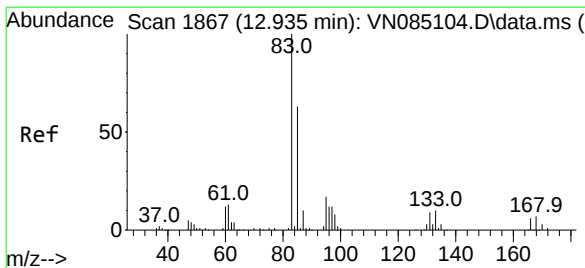
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#74
N-ethyl acetate
Concen: 56.225 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 43 Resp: 187043
Ion Ratio Lower Upper
43 100
70 45.9 34.6 51.8
55 26.7 20.5 30.7
61 25.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.236 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

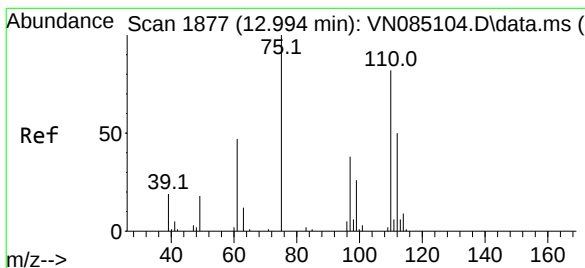
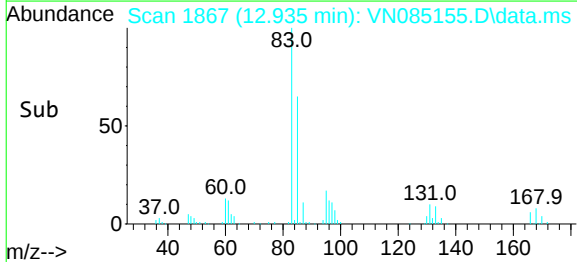
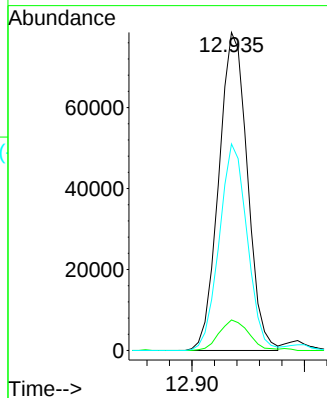
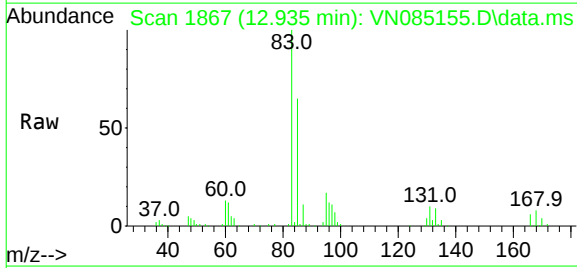
Tgt Ion: 83	Resp: 138487
Ion Ratio	Lower Upper
83	100
131	10.2 5.1 15.4
85	63.5 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#76

1,2,3-Trichloropropane

Concen: 45.310 ug/l m

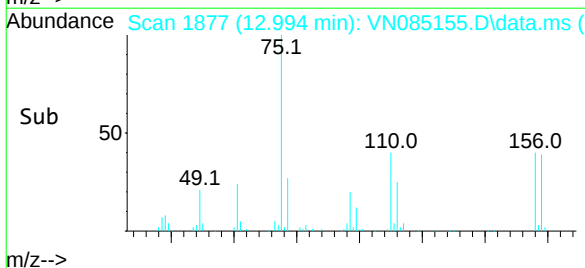
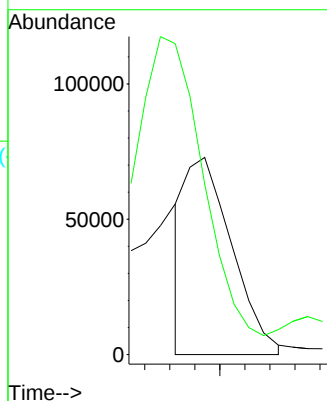
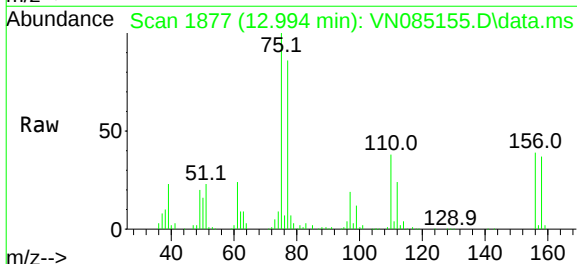
RT: 12.994 min Scan# 1877

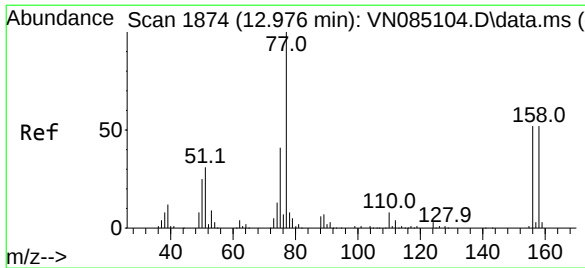
Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

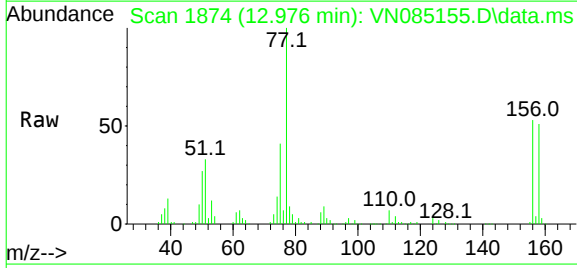
Tgt Ion: 75	Resp: 94312
Ion Ratio	Lower Upper
75	100
77	251.9 109.1 327.4





#77
Bromobenzene
Concen: 50.520 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

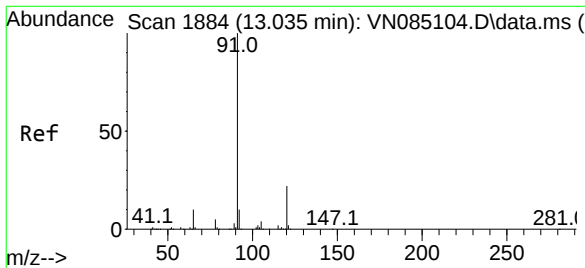
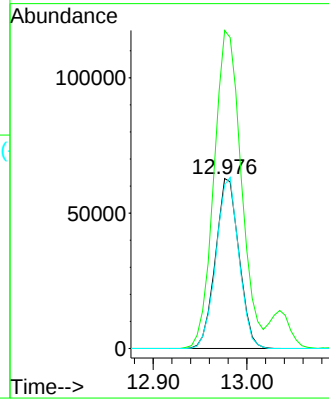
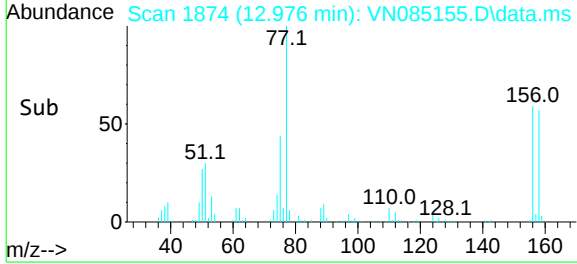
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 109755
Ion Ratio Lower Upper
156 100
77 216.5 107.2 321.6
158 97.6 48.5 145.6

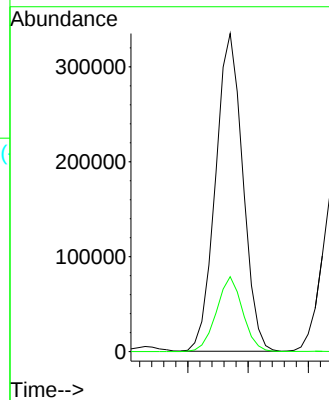
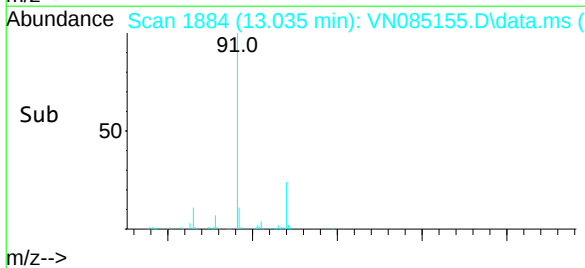
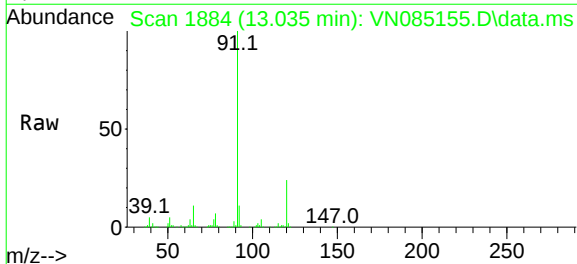
Manual Integrations
APPROVED

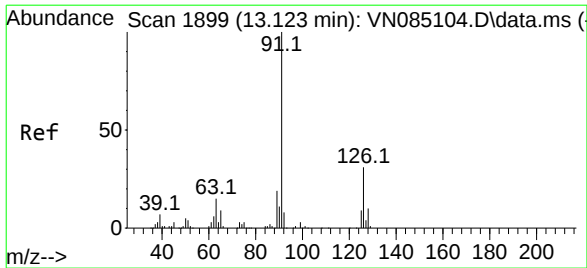
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#78
n-propylbenzene
Concen: 56.557 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 91 Resp: 526627
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 52.289 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 325020

Ion Ratio Lower Upper

91 100

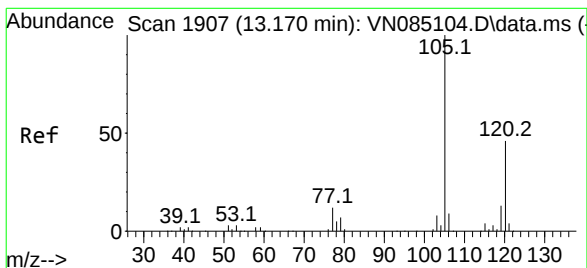
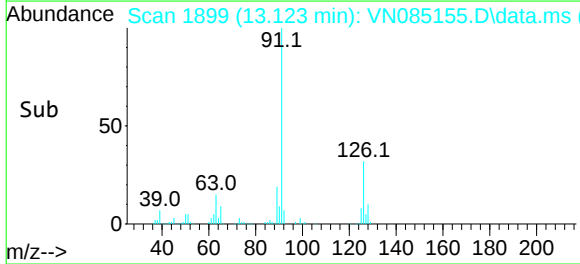
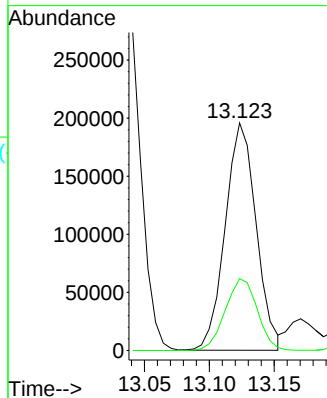
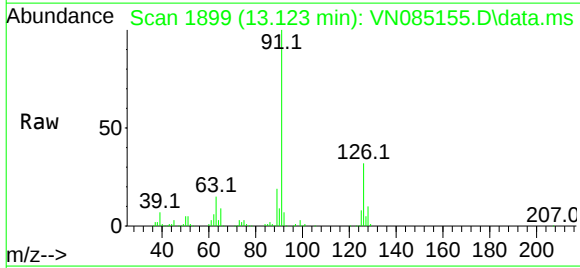
126 32.7 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 57.316 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085155.D

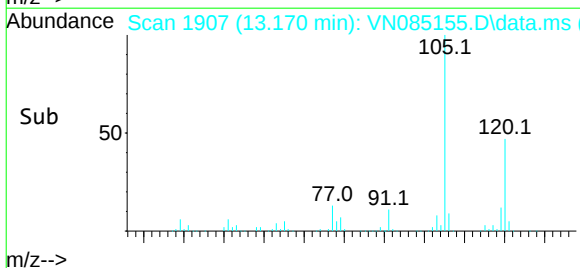
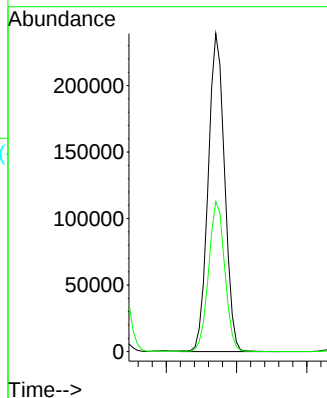
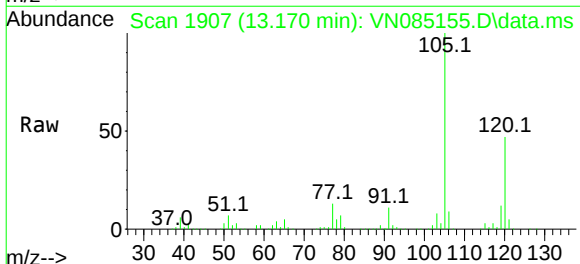
Acq: 10 Dec 2024 10:17

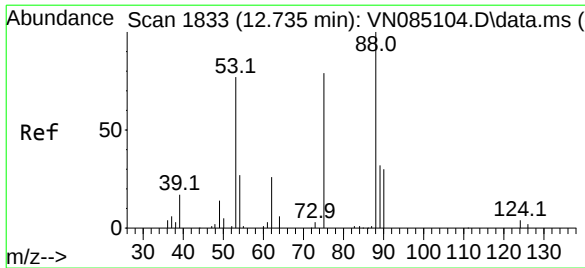
Tgt Ion:105 Resp: 388272

Ion Ratio Lower Upper

105 100

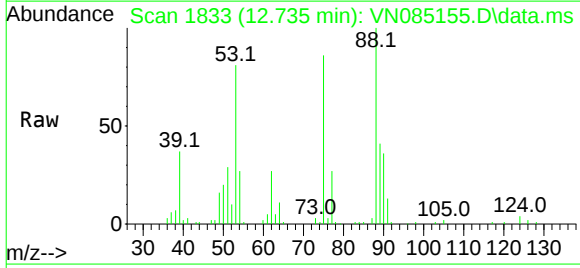
120 46.4 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 56.526 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

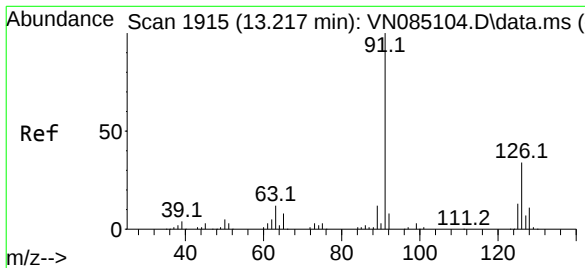
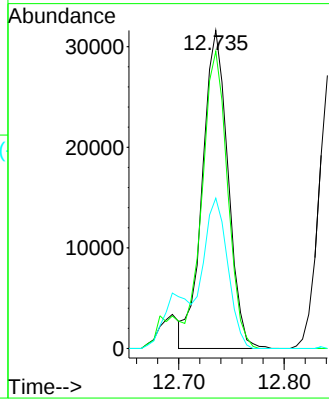
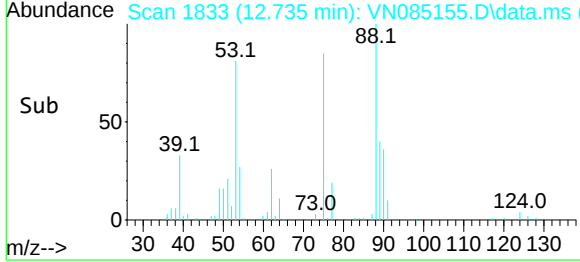
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 53298
Ion Ratio Lower Upper
75 100
53 91.8 78.2 117.4
89 45.3 37.9 56.9

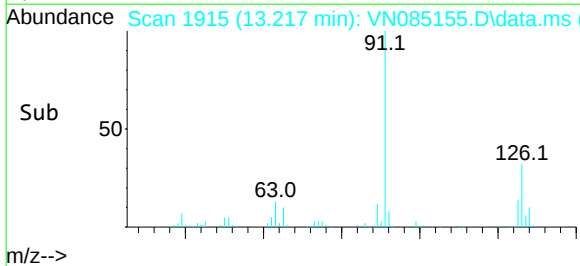
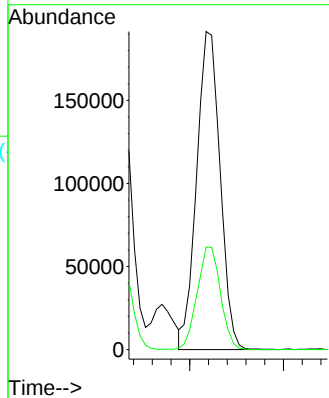
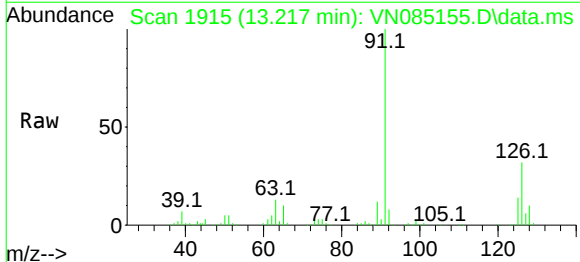
Manual Integrations
APPROVED

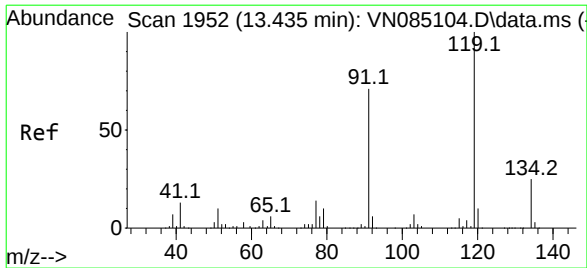
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#82
4-Chlorotoluene
Concen: 51.378 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 91 Resp: 332454
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3





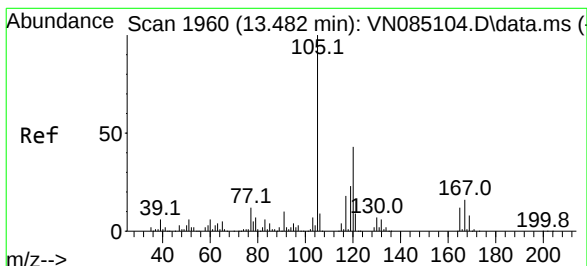
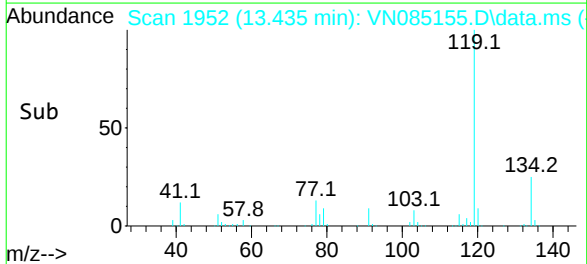
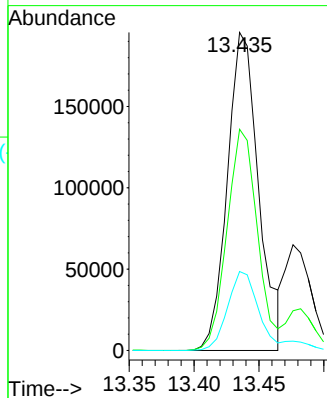
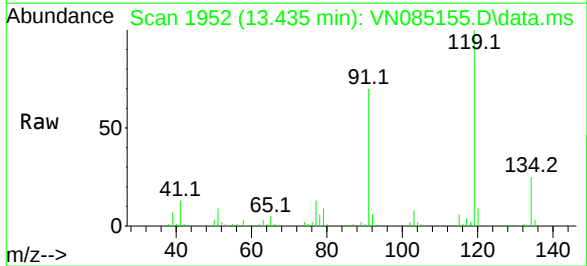
#83
tert-Butylbenzene
Concen: 56.301 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 328162
Ion Ratio Lower Upper
119 100
91 67.6 35.1 105.5
134 26.6 12.1 36.3

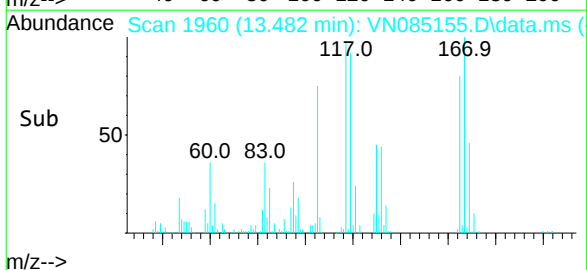
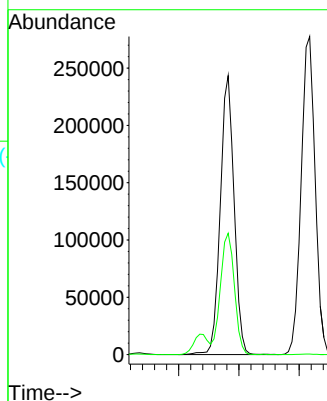
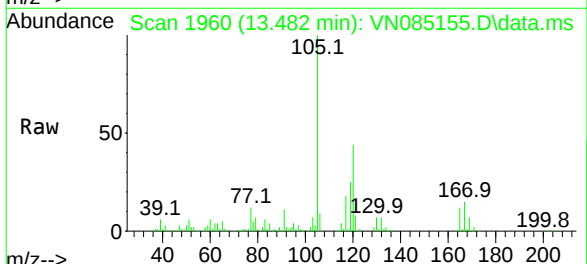
Manual Integrations
APPROVED

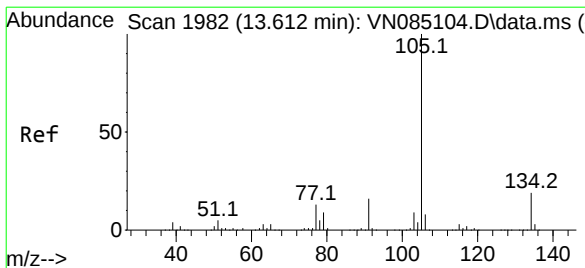
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 55.425 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion:105 Resp: 386485
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.4





#85

sec-Butylbenzene

Concen: 56.810 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 447308

Ion Ratio Lower Upper

105 100

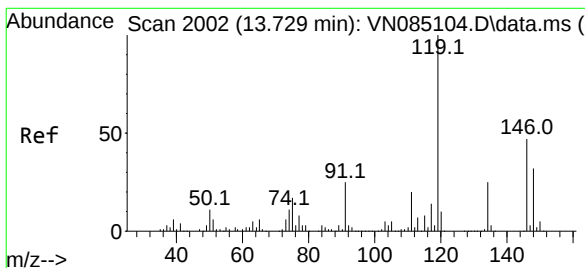
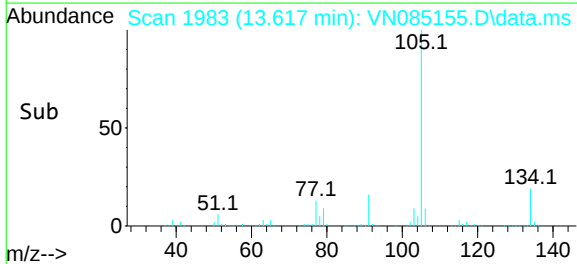
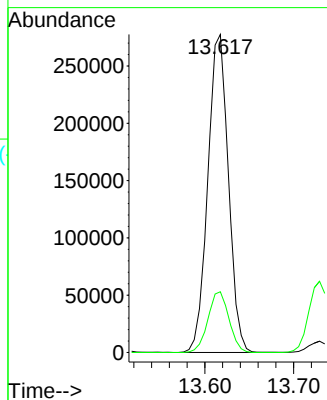
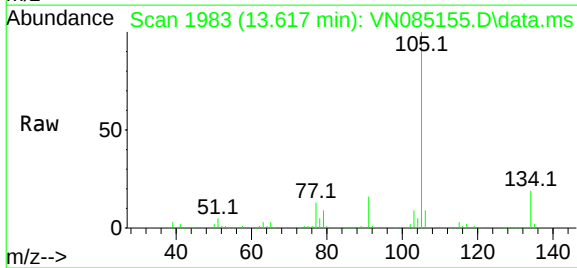
134 19.5 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#86

p-Isopropyltoluene

Concen: 58.349 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

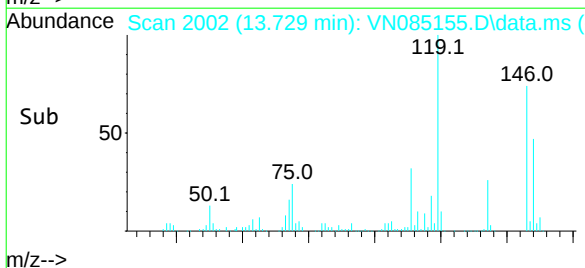
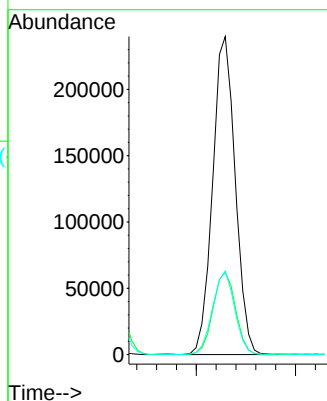
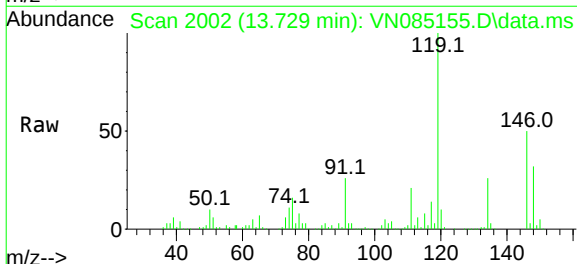
Tgt Ion:119 Resp: 379255

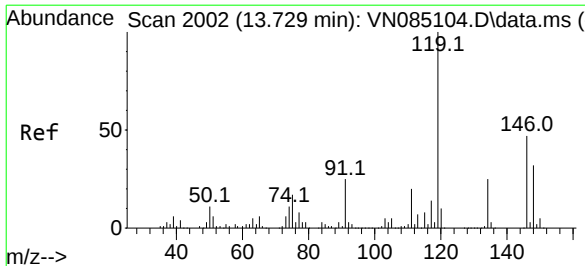
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

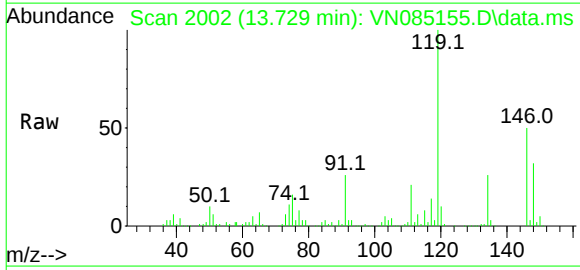
91 25.7 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 47.415 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

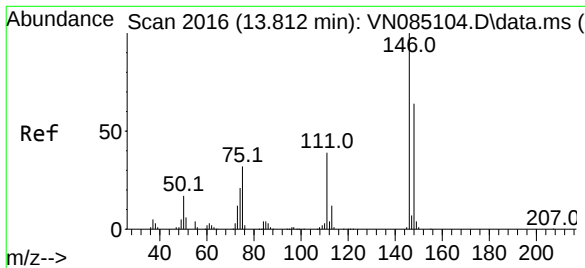
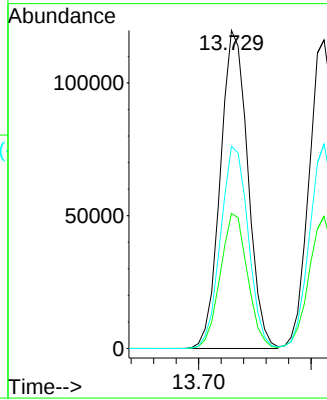
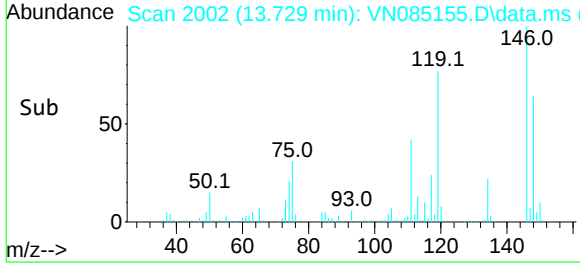
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



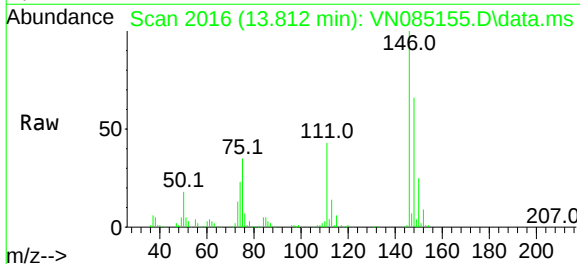
Tgt Ion:146 Resp: 203179
Ion Ratio Lower Upper
146 100
111 42.1 21.6 65.0
148 64.0 32.2 96.6

Manual Integrations
APPROVED

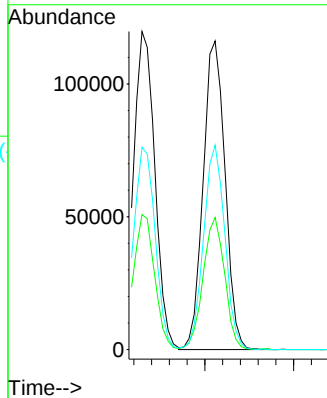
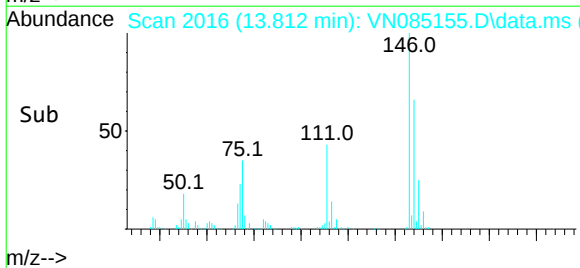
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

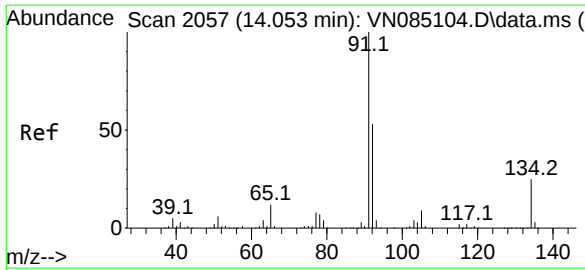


#88
1,4-Dichlorobenzene
Concen: 45.534 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17



Tgt Ion:146 Resp: 199118
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 64.4 31.3 93.9





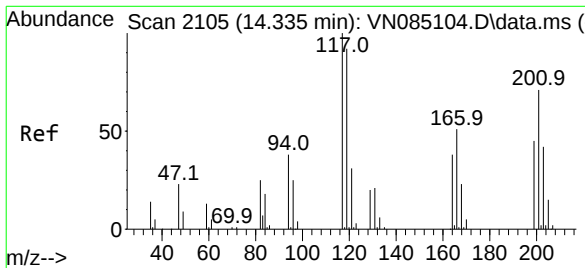
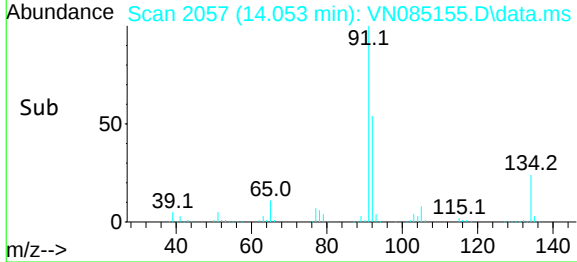
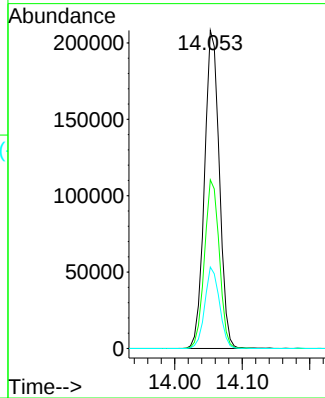
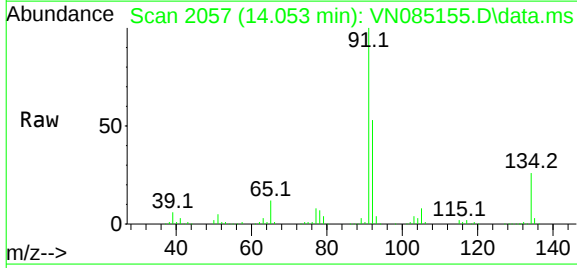
#89
n-Butylbenzene
Concen: 52.674 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 318390
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 25.2 12.8 38.4

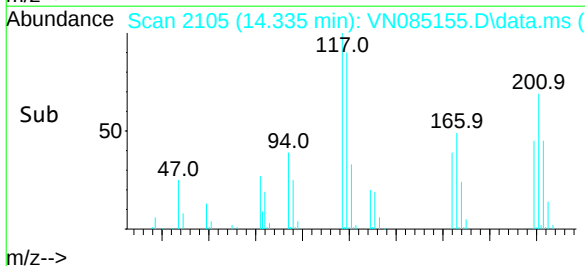
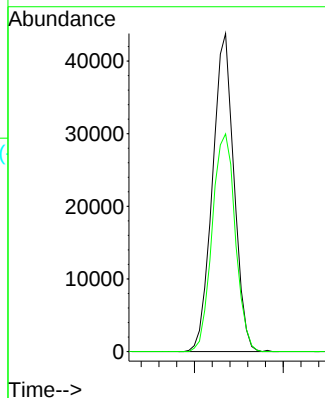
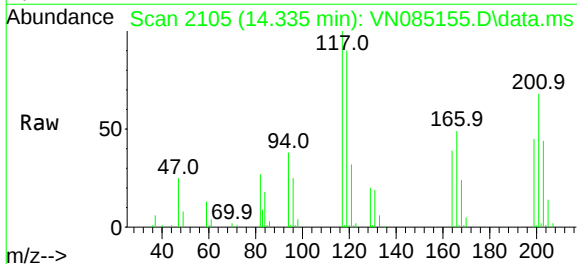
Manual Integrations
APPROVED

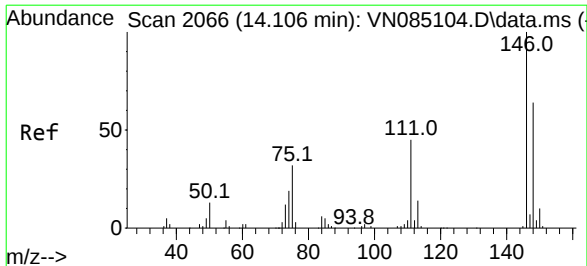
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#90
Hexachloroethane
Concen: 51.953 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

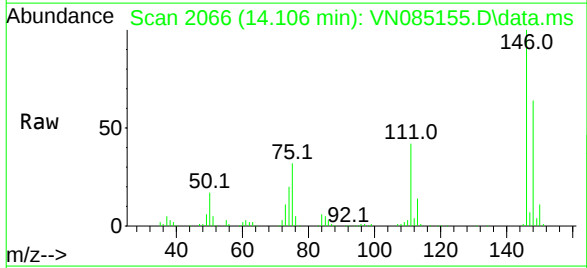
Tgt Ion:117 Resp: 73606
Ion Ratio Lower Upper
117 100
201 73.5 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 46.931 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

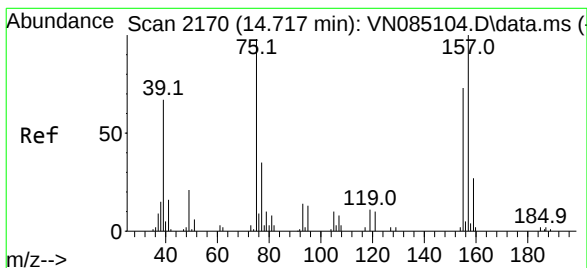
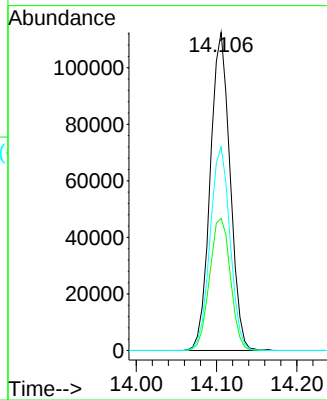
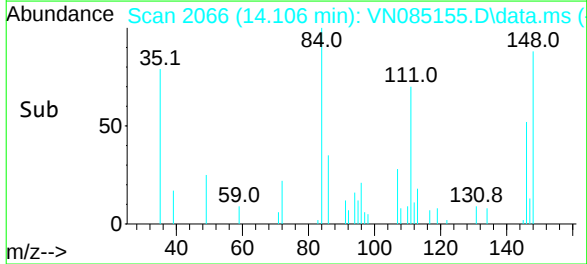
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 192705
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.8
148 64.6 31.1 93.2

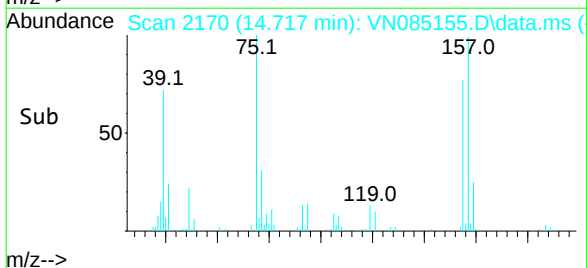
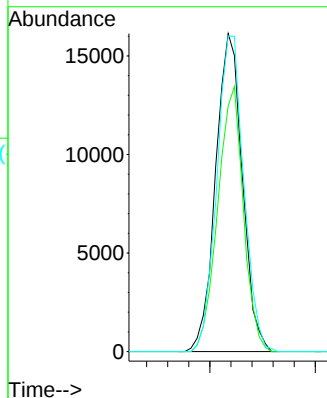
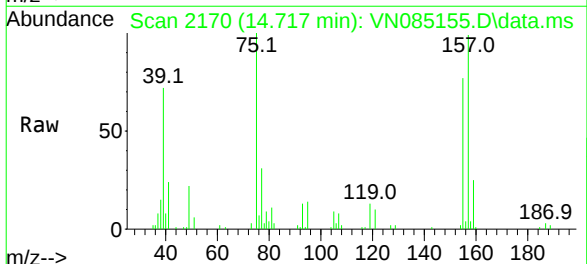
Manual Integrations
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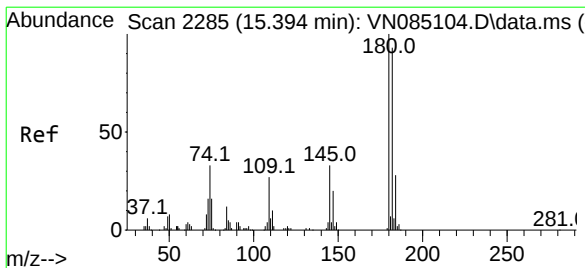
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.231 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion: 75 Resp: 28376
Ion Ratio Lower Upper
75 100
155 79.8 38.9 116.7
157 100.2 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 45.734 ug/l

RT: 15.388 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

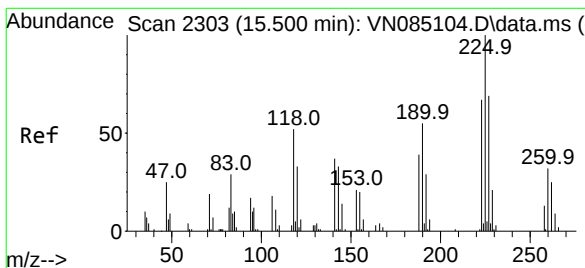
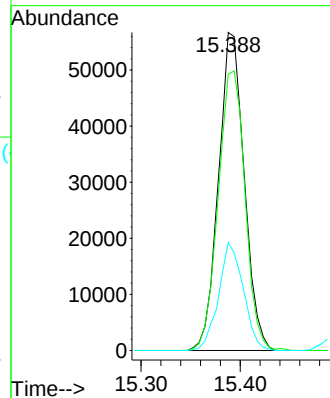
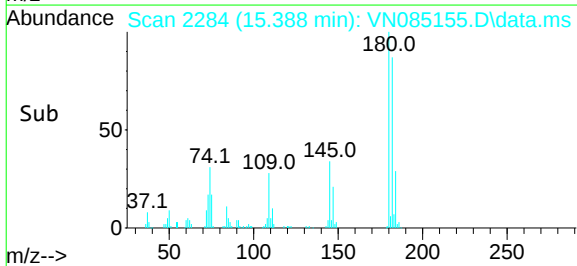
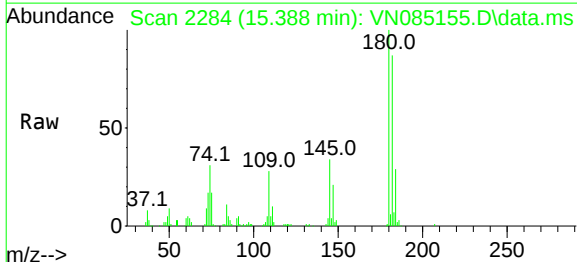
Tgt Ion:	180	Resp:	102022
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.9	140.8
145	32.7	16.3	48.8

Manual Integrations

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Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 46.470 ug/l

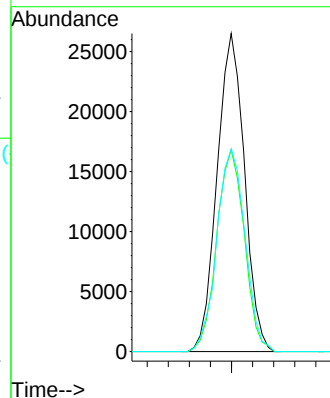
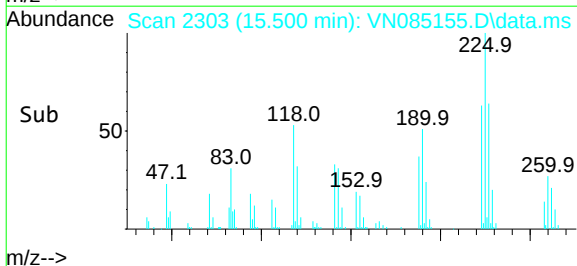
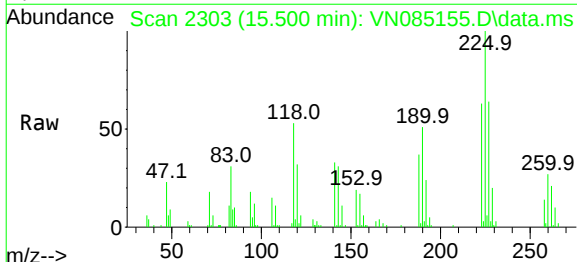
RT: 15.500 min Scan# 2303

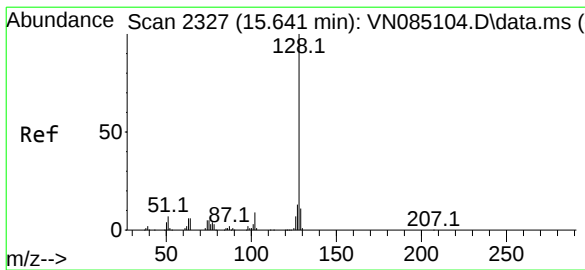
Delta R.T. -0.000 min

Lab File: VN085155.D

Acq: 10 Dec 2024 10:17

Tgt Ion:	225	Resp:	47842
Ion Ratio	Lower	Upper	
225	100		
223	64.0	30.9	92.8
227	65.8	31.5	94.5





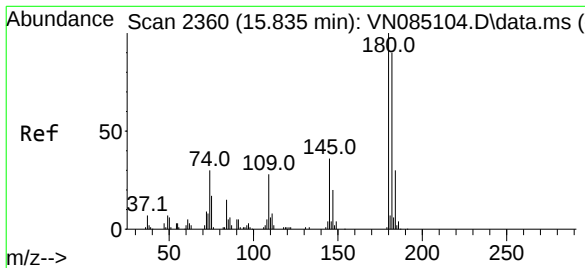
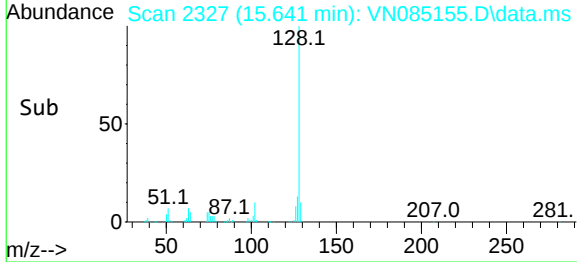
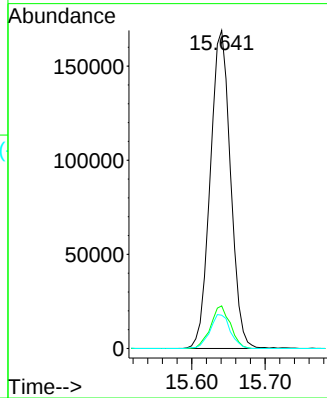
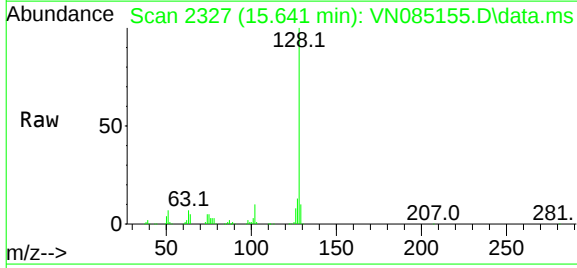
#95
Naphthalene
Concen: 51.110 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	324727
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.396 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085155.D
Acq: 10 Dec 2024 10:17

Tgt Ion:	180	Resp:	98754
Ion Ratio	Lower	Upper	
180	100		
182	97.6	46.4	139.2
145	35.0	17.3	52.0

