

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085104.D
 Acq On : 04 Dec 2024 19:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 04 22:13:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110847	46.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.820%
35) Dibromofluoromethane	8.159	113	90218	47.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	10.565	98	318085	47.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.847	95	120529	47.831	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84330	44.960	ug/l	95
3) Chloromethane	2.359	50	77662	35.699	ug/l	94
4) Vinyl Chloride	2.512	62	86042	44.010	ug/l	98
5) Bromomethane	2.942	94	48827	44.559	ug/l	99
6) Chloroethane	3.112	64	53981	40.964	ug/l	97
7) Trichlorofluoromethane	3.495	101	159089	47.836	ug/l	96
8) Diethyl Ether	3.959	74	56682	50.075	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	93525	49.583	ug/l	99
10) Methyl Iodide	4.589	142	117222	46.949	ug/l	96
11) Tert butyl alcohol	5.518	59	105786	335.033	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	83237	47.277	ug/l	98
13) Acrolein	4.177	56	69233	328.602	ug/l	96
14) Allyl chloride	5.024	41	127913	43.096	ug/l	94
15) Acrylonitrile	5.718	53	253463	283.537	ug/l	99
16) Acetone	4.424	43	226391	328.987	ug/l	96
17) Carbon Disulfide	4.712	76	187080	36.000	ug/l	100
18) Methyl Acetate	5.024	43	130271	59.445	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	319501	55.541	ug/l	99
20) Methylene Chloride	5.277	84	98883	47.090	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	84785	45.761	ug/l	92
22) Diisopropyl ether	6.671	45	305281	51.104	ug/l	98
23) Vinyl Acetate	6.600	43	1137009	275.898	ug/l	99
24) 1,1-Dichloroethane	6.565	63	178546	49.946	ug/l	98
25) 2-Butanone	7.477	43	338793	301.133	ug/l	97
26) 2,2-Dichloropropane	7.488	77	158735	47.553	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	112343	50.297	ug/l	99
28) Bromochloromethane	7.806	49	67485	50.010	ug/l	97
29) Tetrahydrofuran	7.835	42	211211	301.886	ug/l	99
30) Chloroform	7.965	83	191479	50.354	ug/l	99
31) Cyclohexane	8.253	56	132713	42.165	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	173937	50.618	ug/l	98
36) 1,1-Dichloropropene	8.371	75	118917	46.694	ug/l	98
37) Ethyl Acetate	7.559	43	131615	56.847	ug/l	99
38) Carbon Tetrachloride	8.359	117	150312	51.132	ug/l	97
39) Methylcyclohexane	9.600	83	125276	47.338	ug/l	98
40) Benzene	8.606	78	392326	48.707	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72494	56.552	ug/l	98
42) 1,2-Dichloroethane	8.665	62	137302	49.826	ug/l	99
43) Isopropyl Acetate	8.688	43	239891	49.882	ug/l	98
44) Trichloroethene	9.353	130	91113	48.674	ug/l	97
45) 1,2-Dichloropropane	9.618	63	100215	50.514	ug/l	94
46) Dibromomethane	9.706	93	70275	50.978	ug/l	98
47) Bromodichloromethane	9.888	83	155424	53.196	ug/l	96
48) Methyl methacrylate	9.677	41	103301	57.723	ug/l	98
49) 1,4-Dioxane	9.688	88	40807	1314.875	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	694244	316.053	ug/l	99
52) Toluene	10.629	92	247636	51.932	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	153649	52.454	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	162508	52.295	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	98805	55.629	ug/l	99
56) Ethyl methacrylate	10.871	69	164260	63.289	ug/l	99
57) 1,3-Dichloropropane	11.159	76	167886	53.707	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	382817	300.696	ug/l	99
59) 2-Hexanone	11.194	43	518463	315.587	ug/l	99
60) Dibromochloromethane	11.359	129	120558	55.539	ug/l	98
61) 1,2-Dibromoethane	11.465	107	98566	53.622	ug/l	99
64) Tetrachloroethene	11.100	164	79153	48.120	ug/l	97
65) Chlorobenzene	11.888	112	272249	49.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	104167	53.440	ug/l	99
67) Ethyl Benzene	11.959	91	485550	54.059	ug/l	98
68) m/p-Xylenes	12.071	106	364948	106.724	ug/l	100
69) o-Xylene	12.394	106	178783	54.962	ug/l	99
70) Styrene	12.412	104	309343	57.186	ug/l	99
71) Bromoform	12.576	173	82549	57.053	ug/l #	98
73) Isopropylbenzene	12.694	105	462656	55.516	ug/l	100
74) N-amyl acetate	12.494	43	199608	58.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	146970	51.645	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	138098m	64.271	ug/l	
77) Bromobenzene	12.976	156	114004	50.835	ug/l	98
78) n-propylbenzene	13.035	91	538561	56.029	ug/l	100
79) 2-Chlorotoluene	13.123	91	336401	52.427	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	393179	56.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51664	53.080	ug/l	94
82) 4-Chlorotoluene	13.217	91	337998	50.601	ug/l	99
83) tert-Butylbenzene	13.435	119	334949	55.668	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	393393	54.651	ug/l	100
85) sec-Butylbenzene	13.612	105	461993	56.840	ug/l	100
86) p-Isopropyltoluene	13.729	119	390359	58.179	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	206414	46.663	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	204750	45.358	ug/l	98
89) n-Butylbenzene	14.053	91	323817	51.896	ug/l	99
90) Hexachloroethane	14.335	117	75640	51.719	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	201032	47.427	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29574	53.743	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105708	45.904	ug/l	99
94) Hexachlorobutadiene	15.500	225	48051	45.213	ug/l	98
95) Naphthalene	15.641	128	348411	53.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	105488	48.009	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

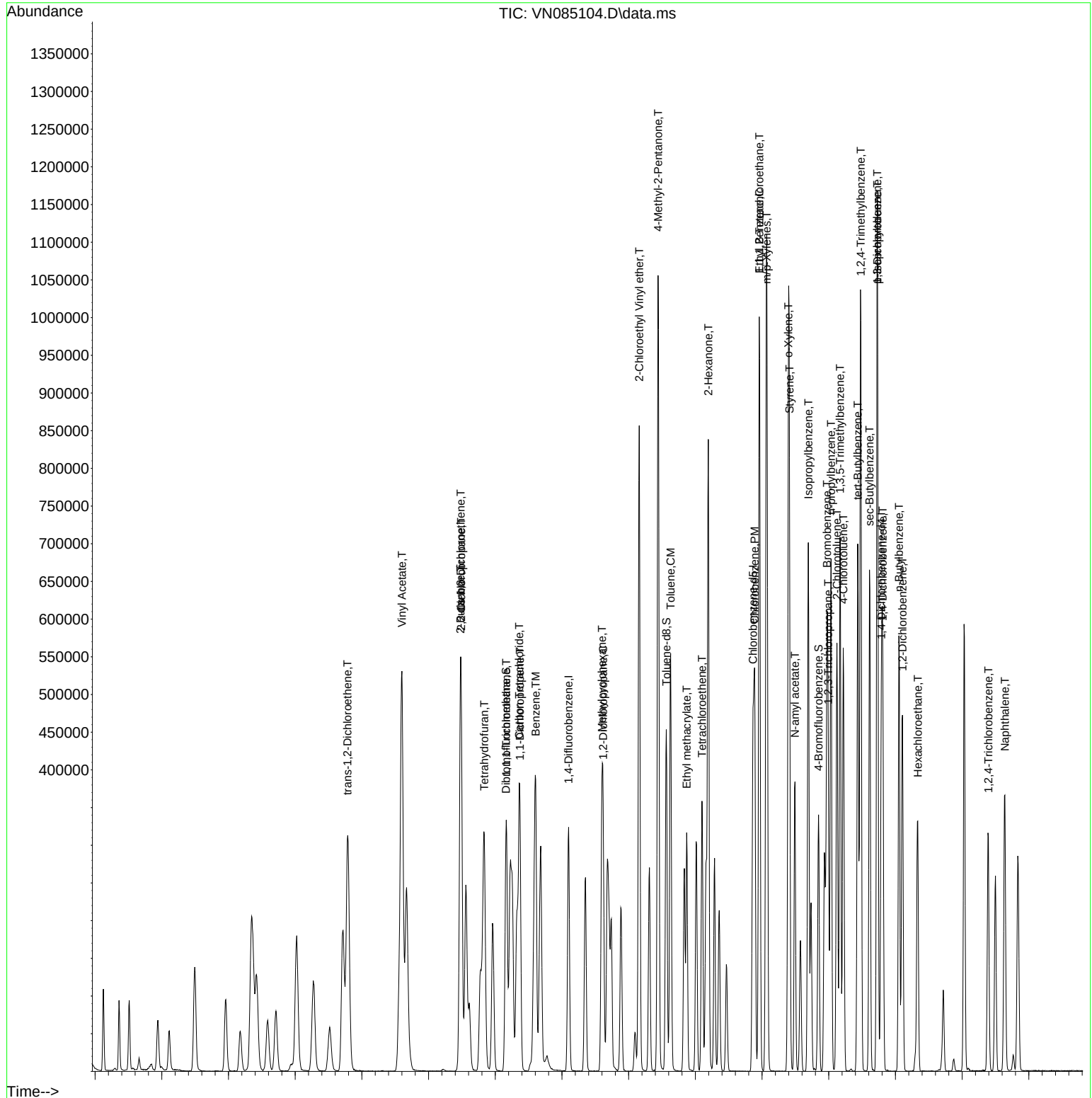
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
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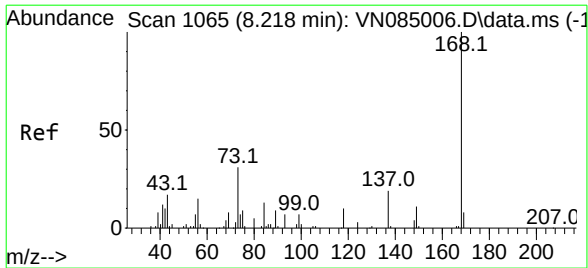
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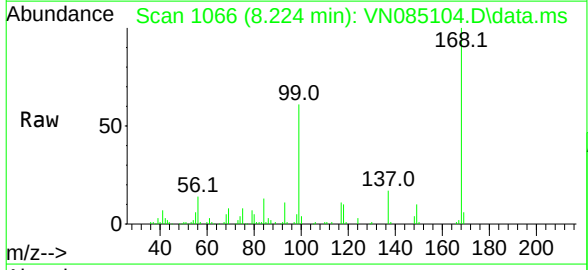
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

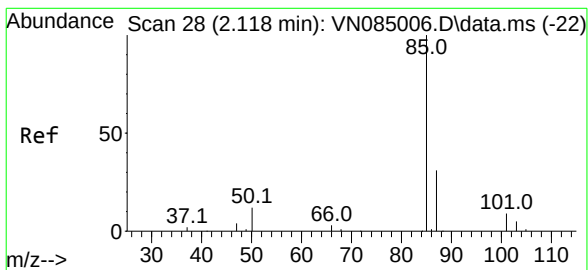
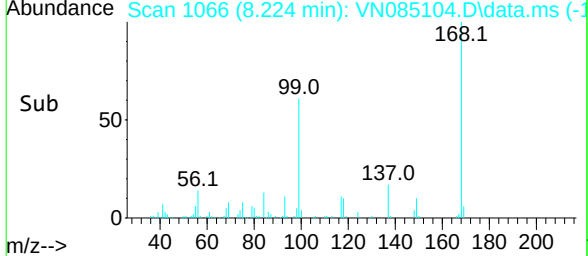
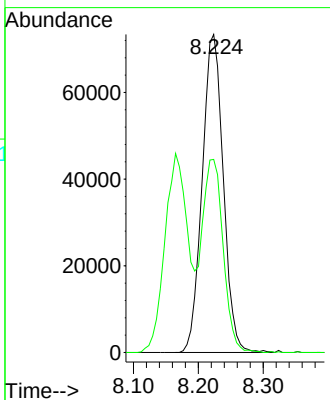
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 165879
Ion Ratio Lower Upper
168 100
99 60.7 51.2 76.8

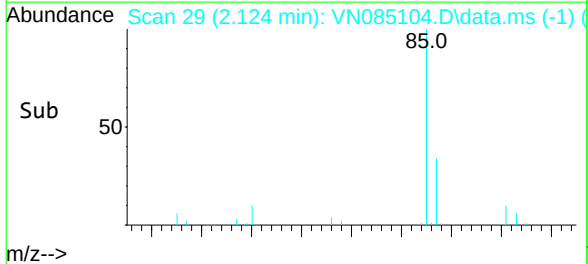
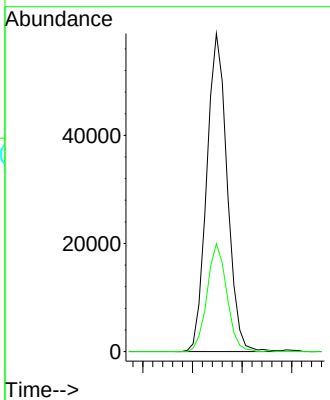
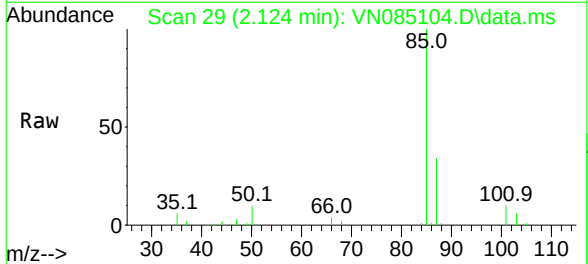
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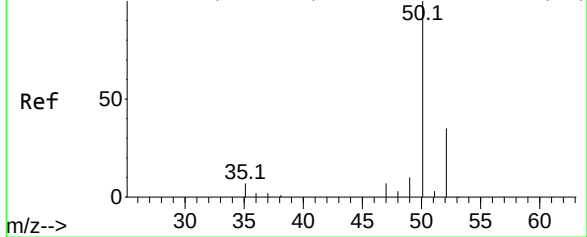


#2
Dichlorodifluoromethane
Concen: 44.960 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 85 Resp: 84330
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.1



Abundance Scan 69 (2.360 min): VN085006.D\data.ms (-62)



#3

Chloromethane

Concen: 35.699 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 77662

Ion Ratio Lower Upper

50 100

52 31.3 27.8 41.8

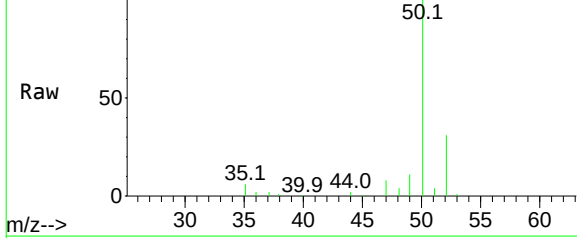
Manual Integrations

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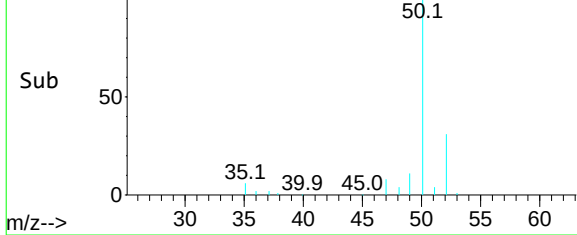
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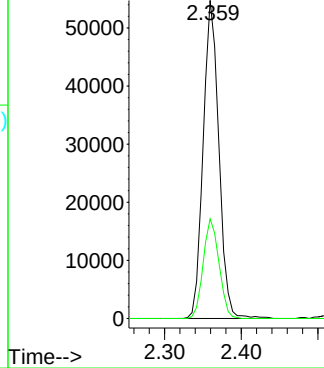
Abundance Scan 69 (2.359 min): VN085104.D\data.ms



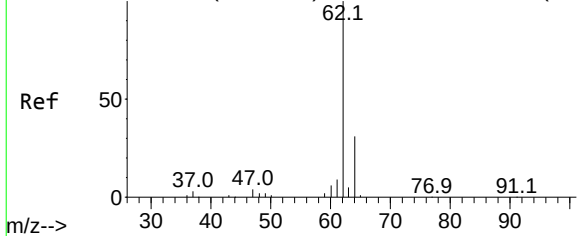
Abundance Scan 69 (2.359 min): VN085104.D\data.ms (-18)



Abundance



Abundance Scan 95 (2.512 min): VN085006.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 44.010 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

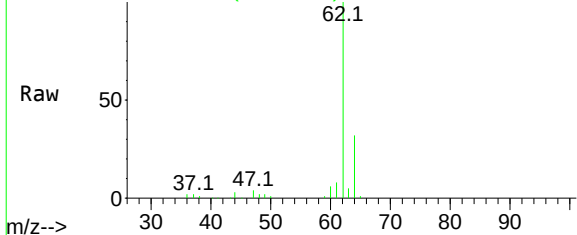
Tgt Ion: 62 Resp: 86042

Ion Ratio Lower Upper

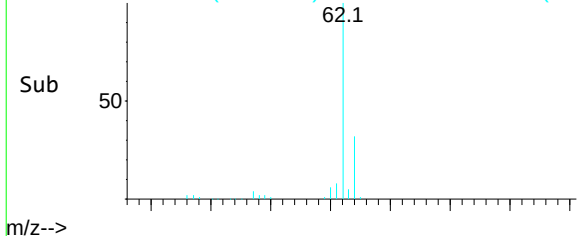
62 100

64 31.6 24.6 36.8

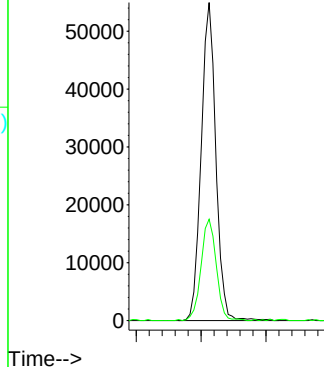
Abundance Scan 95 (2.512 min): VN085104.D\data.ms

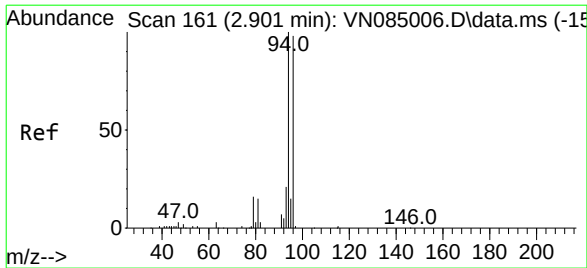


Abundance Scan 95 (2.512 min): VN085104.D\data.ms (-44)



Abundance





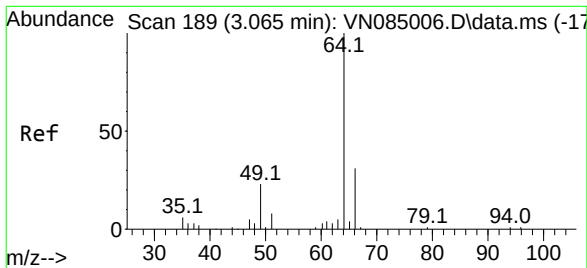
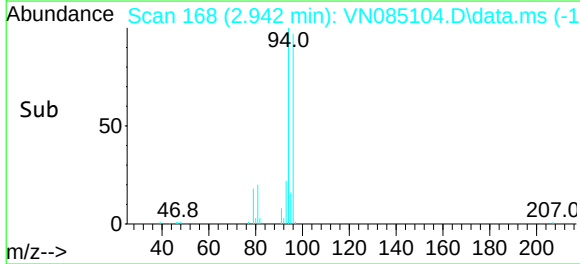
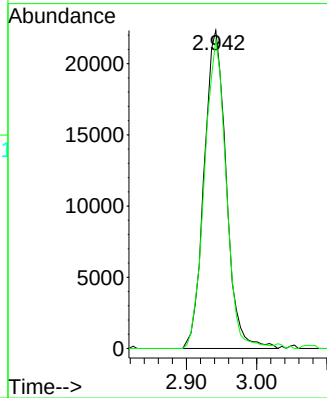
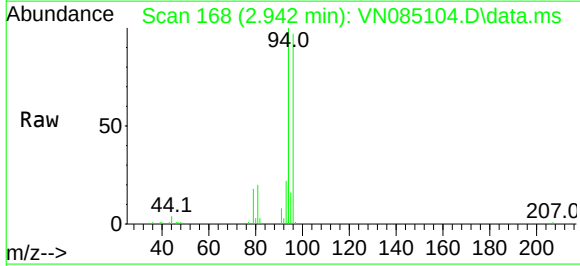
#5
Bromomethane
Concen: 44.559 ug/l
RT: 2.942 min Scan# 161
Delta R.T. 0.041 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

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Tgt Ion: 94 Resp: 48827
Ion Ratio Lower Upper
94 100
96 97.0 78.7 118.1

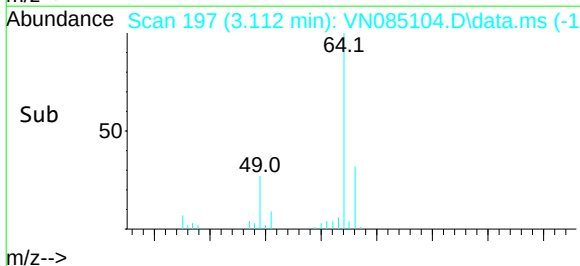
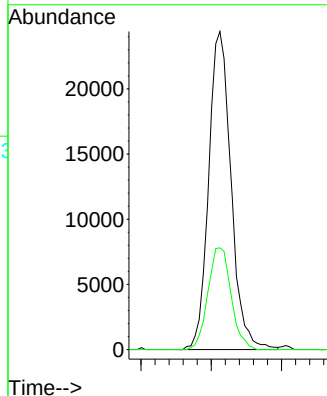
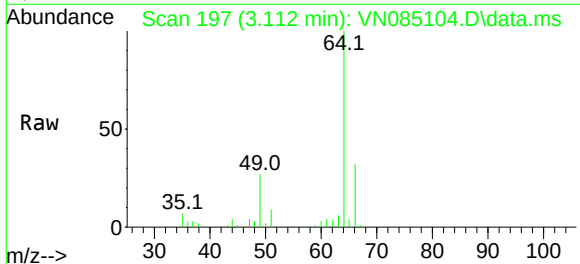
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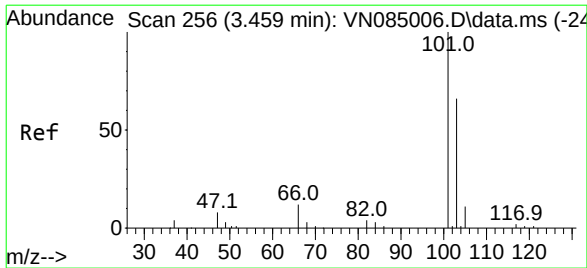
Reviewed By :John Carlone 12/05/2024
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#6
Chloroethane
Concen: 40.964 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.047 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

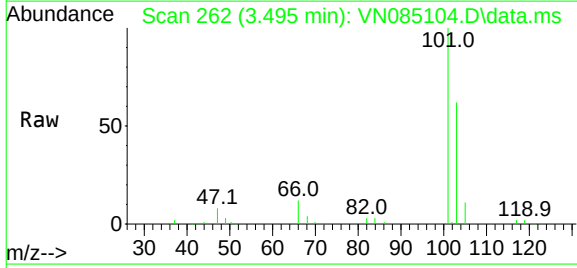
Tgt Ion: 64 Resp: 53981
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 47.836 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.035 min
 Lab File: VN085104.D
 Acq: 04 Dec 2024 19:13

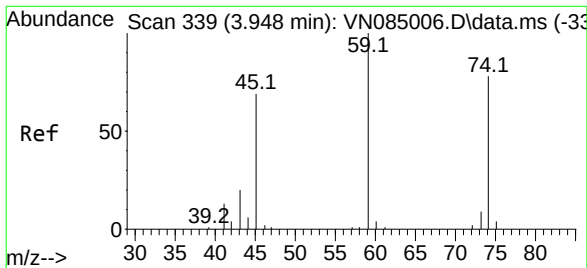
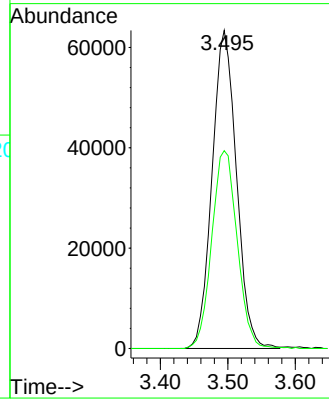
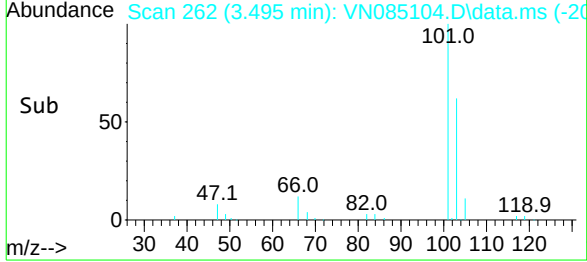
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Tgt Ion: 101 Resp: 159089
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.6 78.8

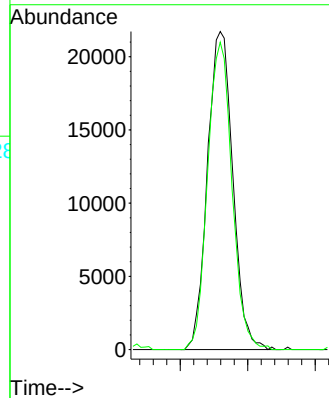
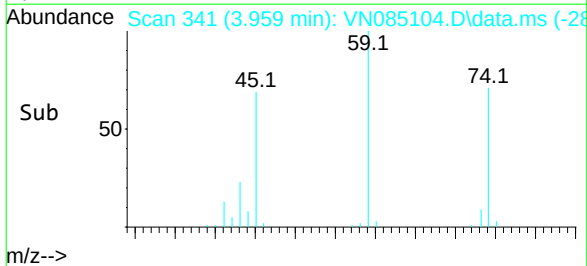
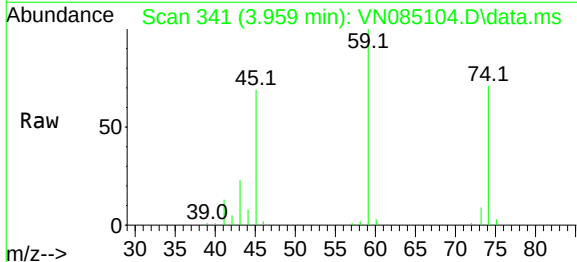
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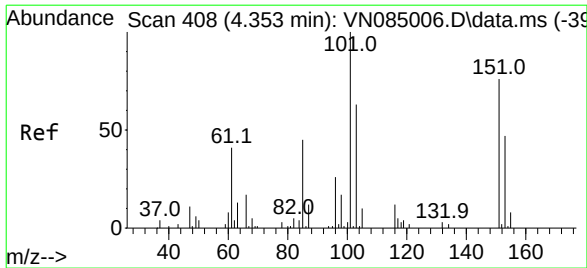
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#8
 Diethyl Ether
 Concen: 50.075 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085104.D
 Acq: 04 Dec 2024 19:13

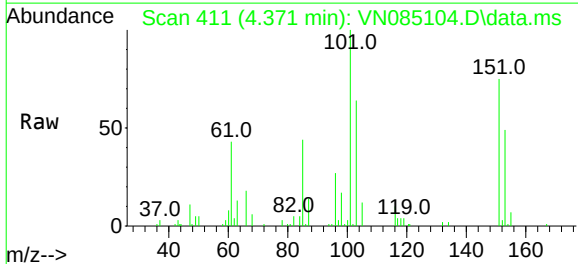
Tgt Ion: 74 Resp: 56682
 Ion Ratio Lower Upper
 74 100
 45 93.1 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.583 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

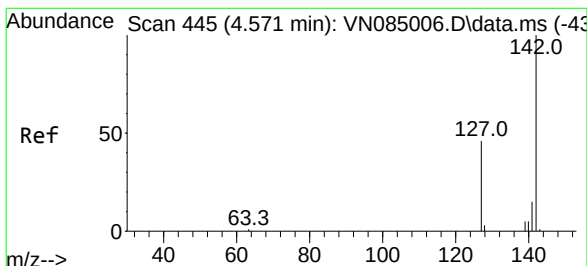
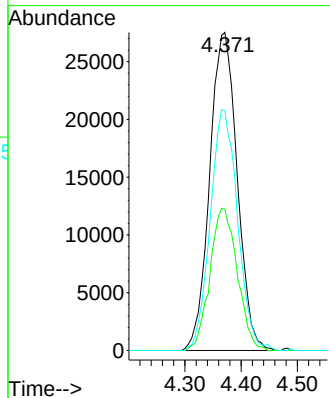
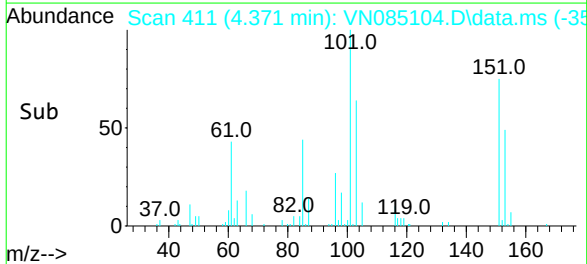
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	101	Resp:	93525
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.9	55.3
151	75.4	60.8	91.2

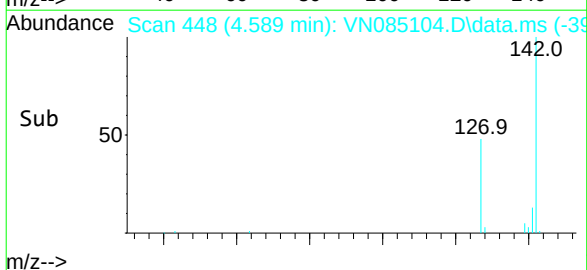
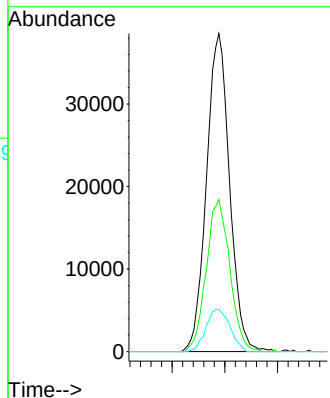
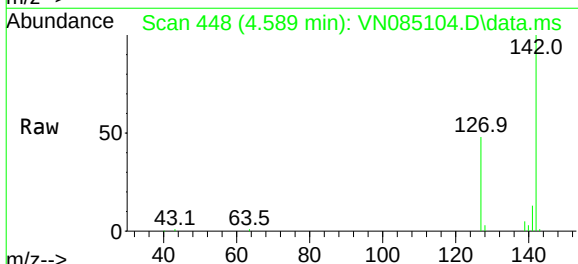
Manual Integrations
APPROVED

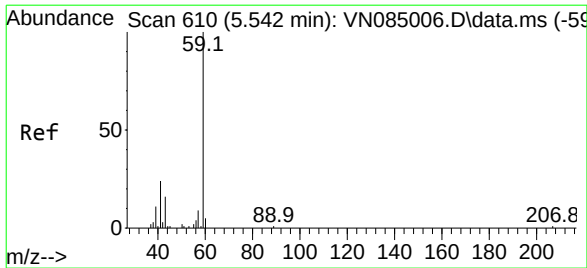
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#10
Methyl Iodide
Concen: 46.949 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:	142	Resp:	117222
Ion Ratio	Lower	Upper	
142	100		
127	47.8	36.6	54.8
141	13.2	12.2	18.4





#11

Tert butyl alcohol

Concen: 335.033 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.024 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 105786

Ion Ratio Lower Upper

59 100

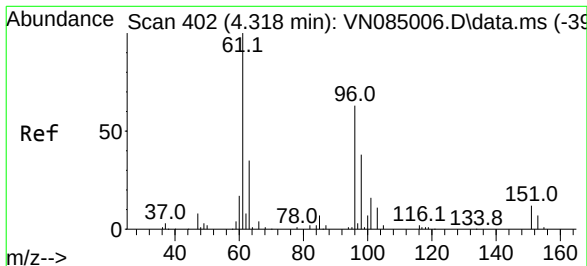
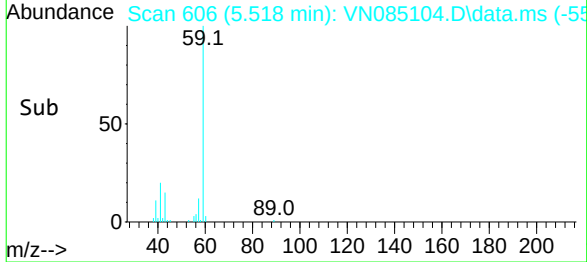
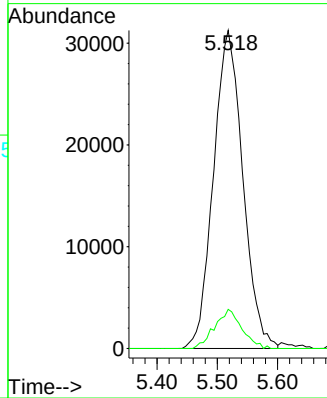
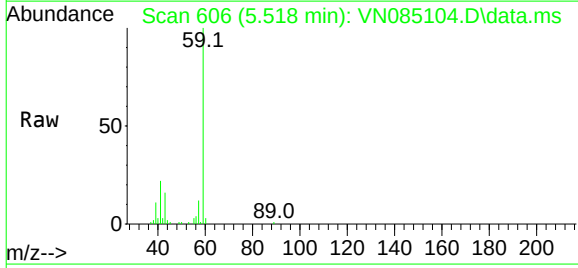
57 11.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#12

1,1-Dichloroethene

Concen: 47.277 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.023 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

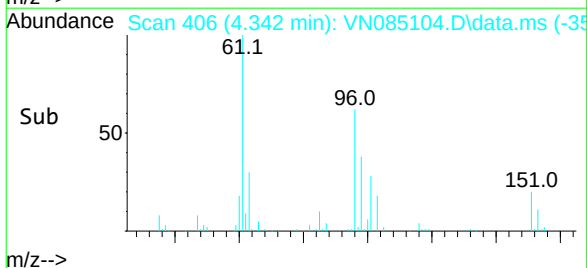
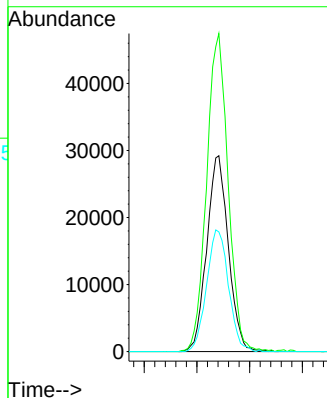
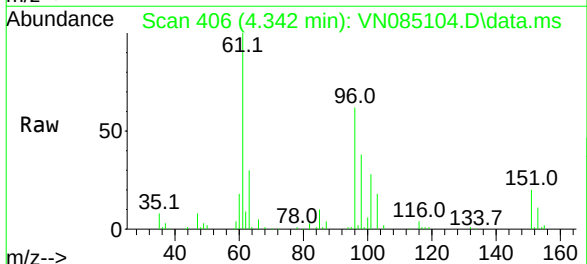
Tgt Ion: 96 Resp: 83237

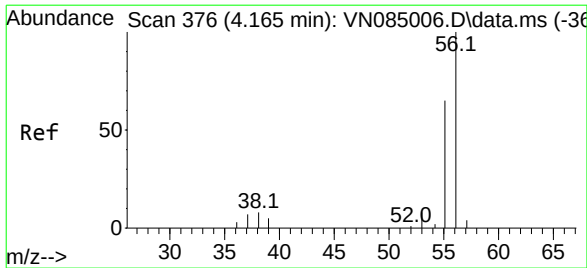
Ion Ratio Lower Upper

96 100

61 162.4 127.8 191.8

98 61.1 49.2 73.8





#13

Acrolein

Concen: 328.602 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.012 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 69233

Ion Ratio Lower Upper

56 100

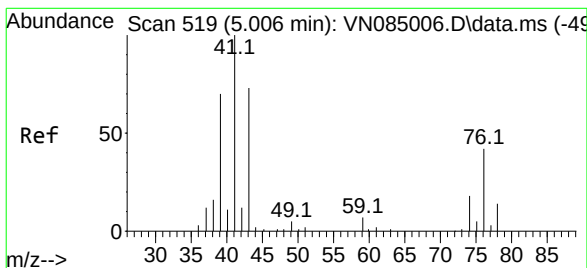
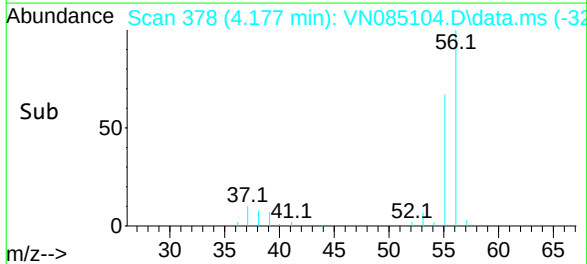
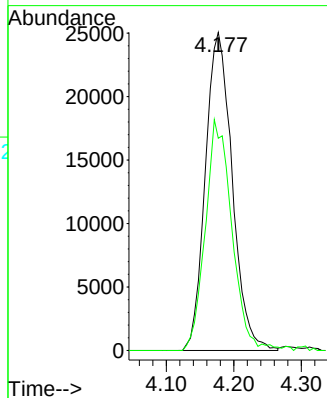
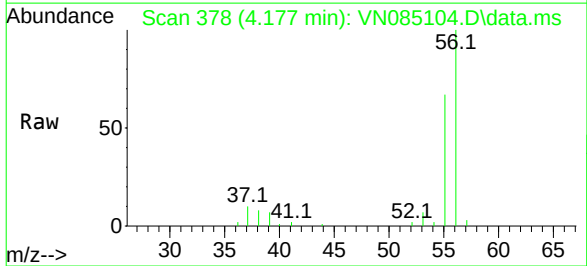
55 71.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#14

Allyl chloride

Concen: 43.096 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.018 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

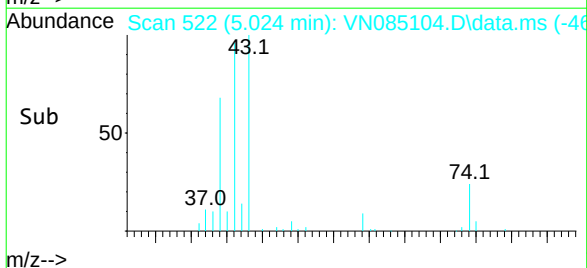
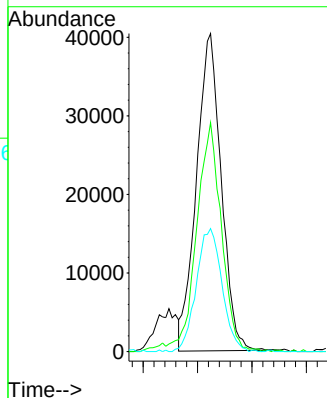
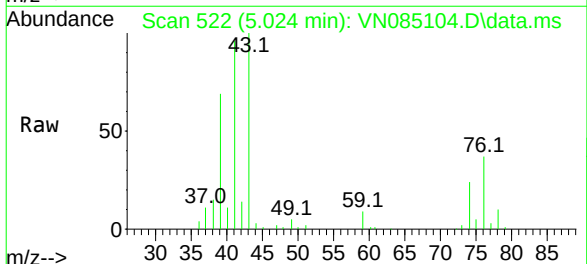
Tgt Ion: 41 Resp: 127913

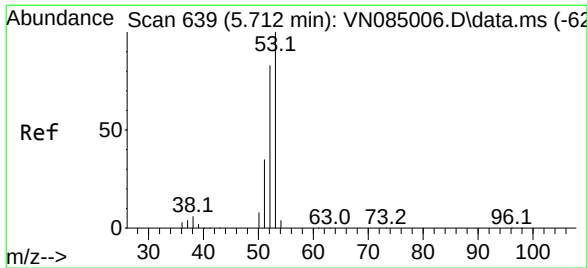
Ion Ratio Lower Upper

41 100

39 71.8 53.8 80.8

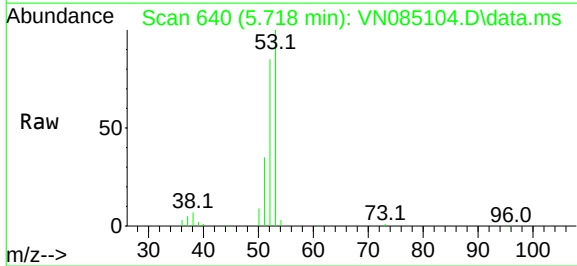
76 40.2 29.3 43.9





#15
Acrylonitrile
Concen: 283.537 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

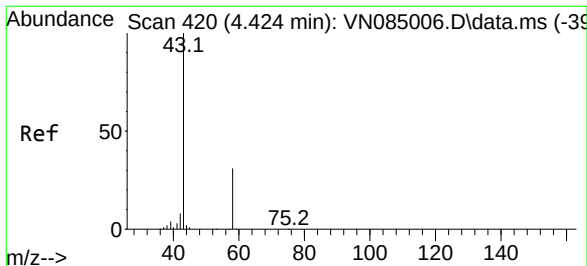
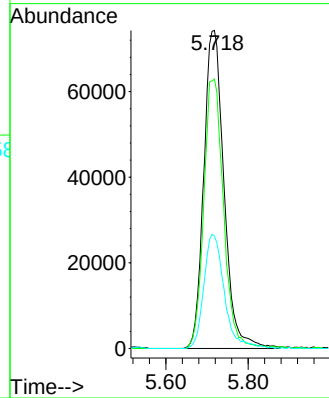
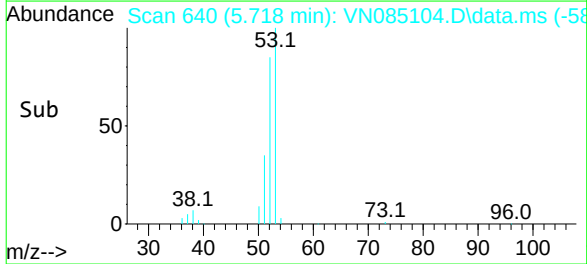
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 253463
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 36.4 28.4 42.6

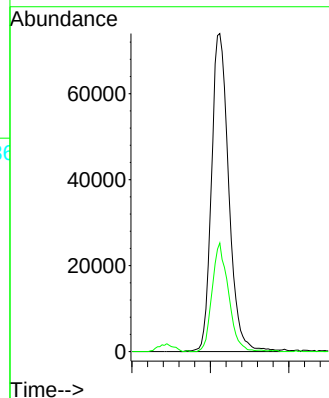
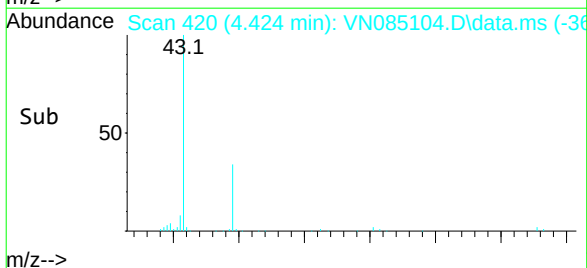
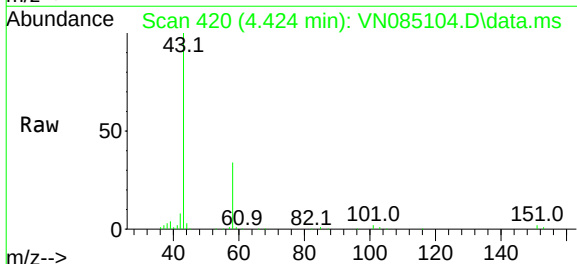
Manual Integrations
APPROVED

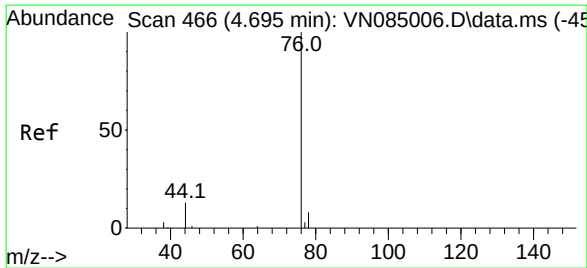
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#16
Acetone
Concen: 328.987 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 43 Resp: 226391
Ion Ratio Lower Upper
43 100
58 34.2 25.4 38.2





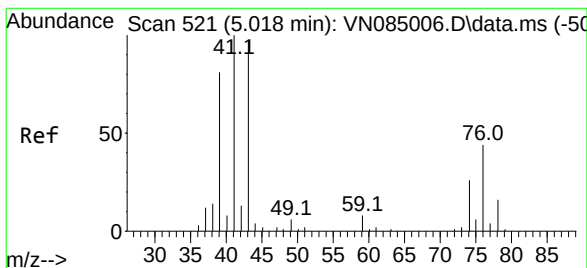
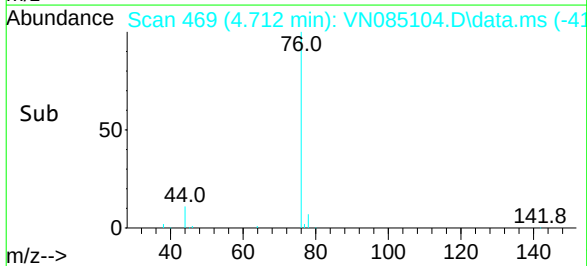
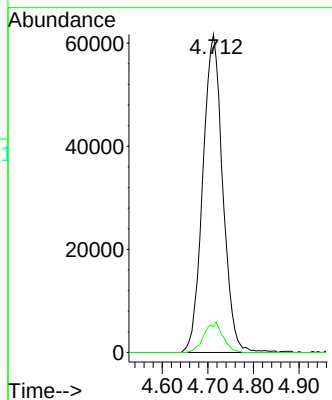
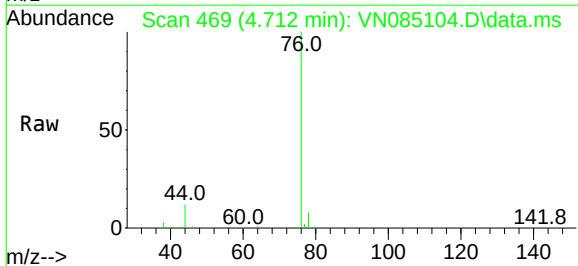
#17
Carbon Disulfide
Concen: 36.000 ug/l
RT: 4.712 min Scan# 46
Delta R.T. 0.018 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 187080
Ion Ratio Lower Upper
76 100
78 8.1 6.5 9.7

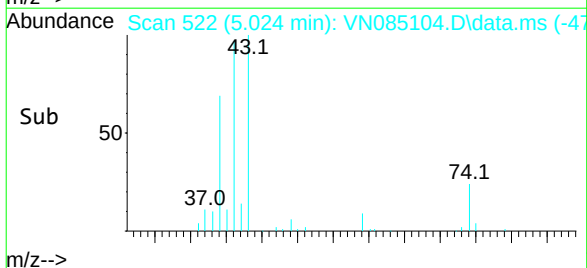
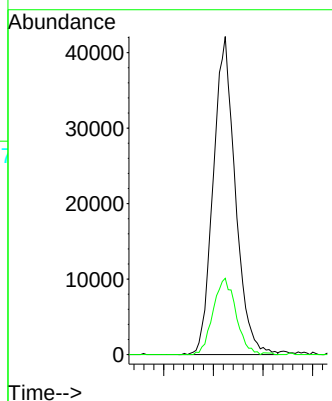
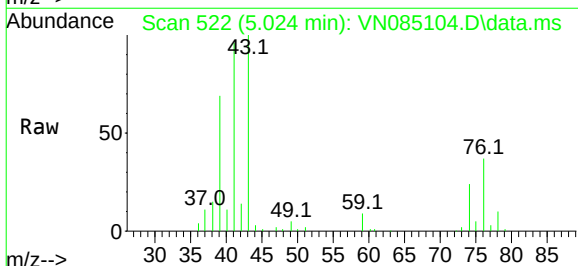
Manual Integrations
APPROVED

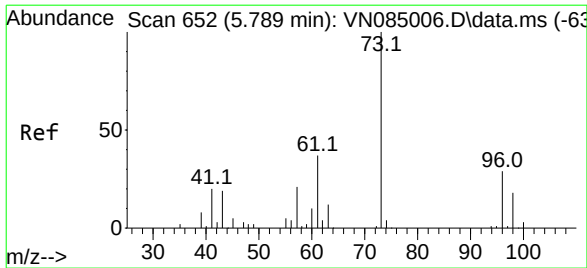
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#18
Methyl Acetate
Concen: 59.445 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 43 Resp: 130271
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1





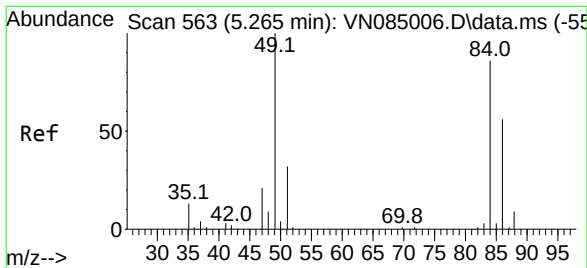
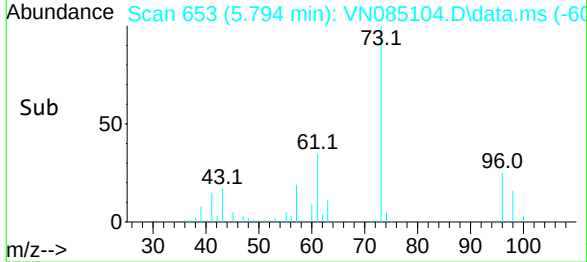
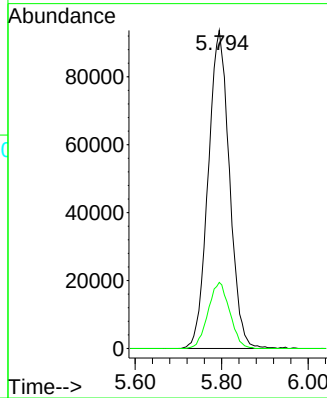
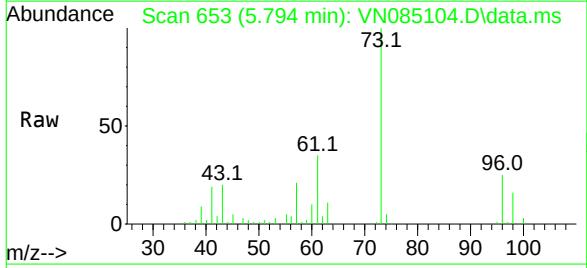
#19
Methyl tert-butyl Ether
Concen: 55.541 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 319501
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4

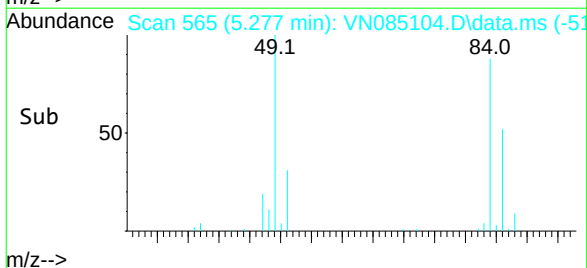
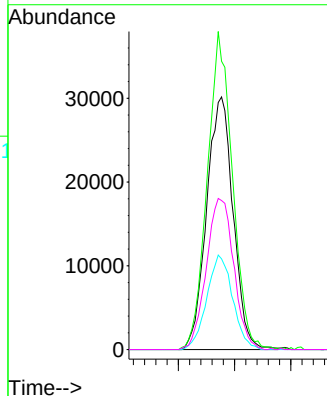
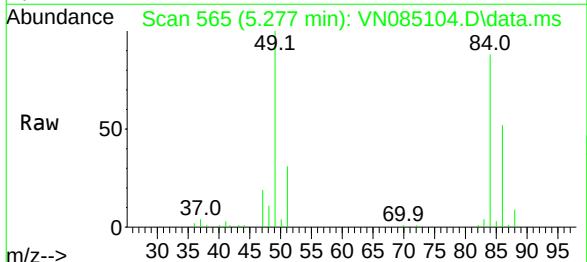
Manual Integrations
APPROVED

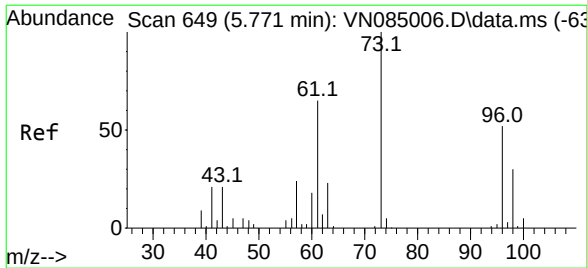
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#20
Methylene Chloride
Concen: 47.090 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

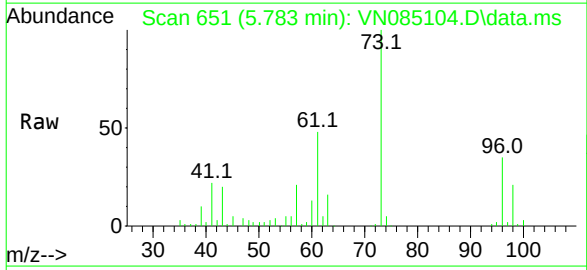
Tgt Ion: 84 Resp: 98883
Ion Ratio Lower Upper
84 100
49 114.1 92.7 139.1
51 35.9 29.4 44.2
86 59.0 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 45.761 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

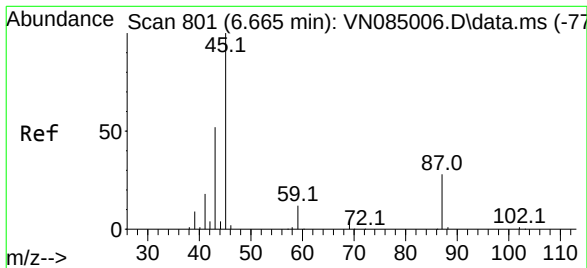
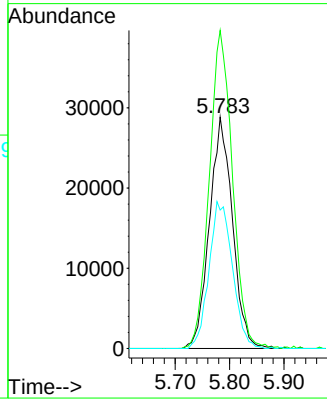
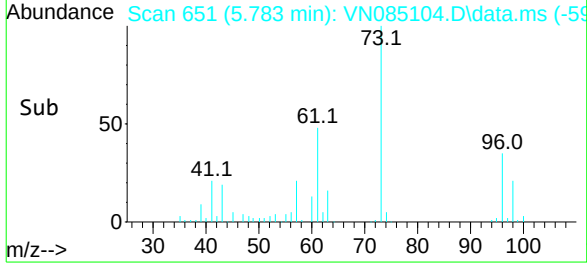
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



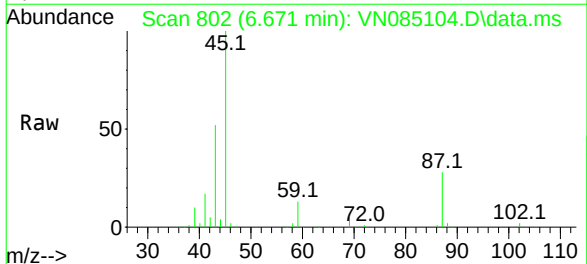
Tgt Ion: 96 Resp: 84785
Ion Ratio Lower Upper
96 100
61 137.4 100.7 151.1
98 59.8 45.8 68.6

Manual Integrations
APPROVED

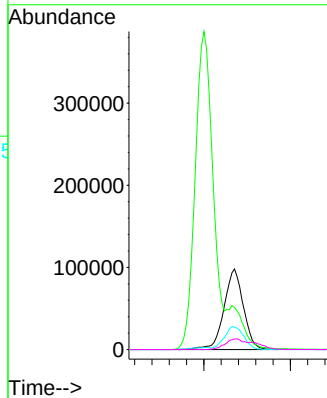
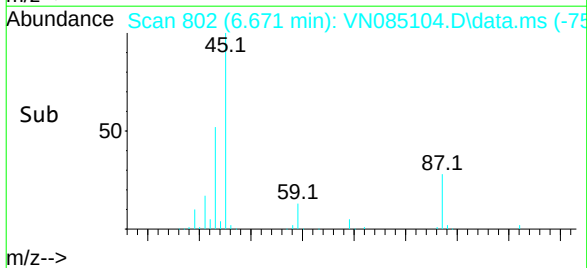
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

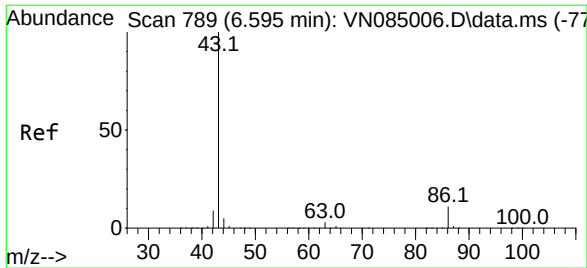


#22
Diisopropyl ether
Concen: 51.104 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13



Tgt Ion: 45 Resp: 305281
Ion Ratio Lower Upper
45 100
43 51.1 42.7 64.1
87 27.8 22.6 34.0
59 13.0 9.9 14.9





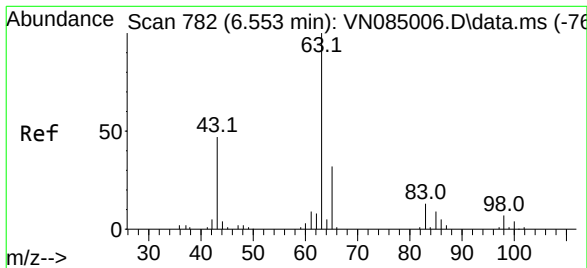
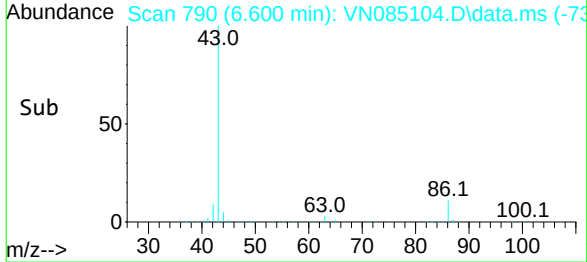
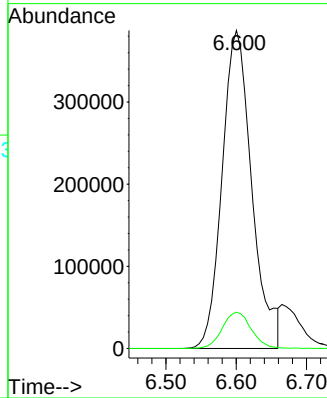
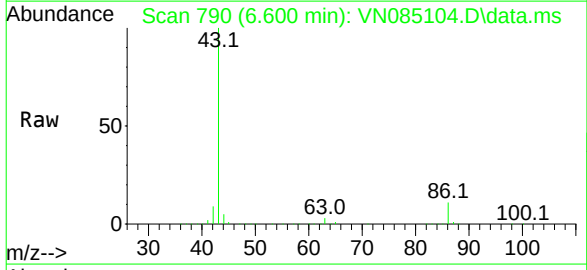
#23
 Vinyl Acetate
 Concen: 275.898 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085104.D
 Acq: 04 Dec 2024 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1137009
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

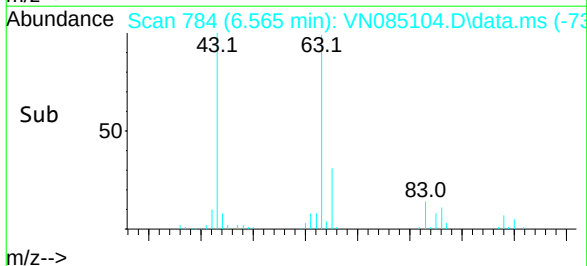
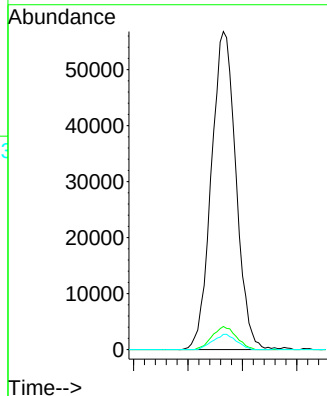
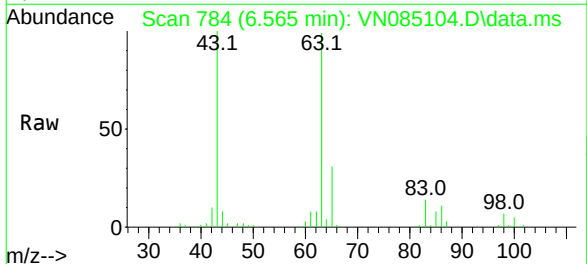
Manual Integrations
 APPROVED

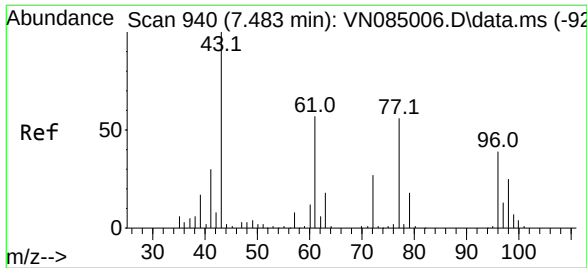
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#24
 1,1-Dichloroethane
 Concen: 49.946 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085104.D
 Acq: 04 Dec 2024 19:13

Tgt Ion: 63 Resp: 178546
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.8 2.2 6.6





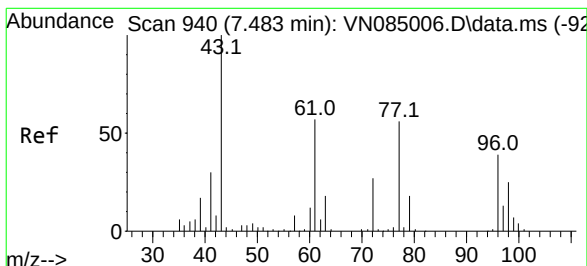
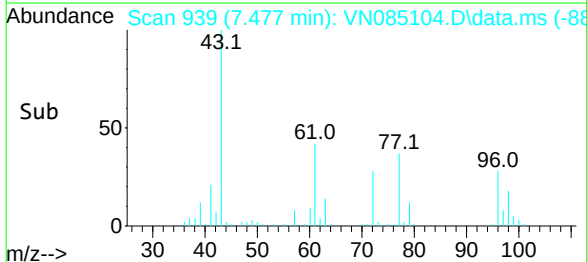
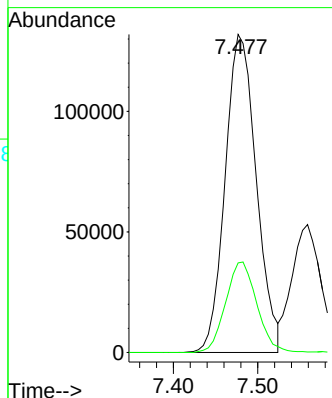
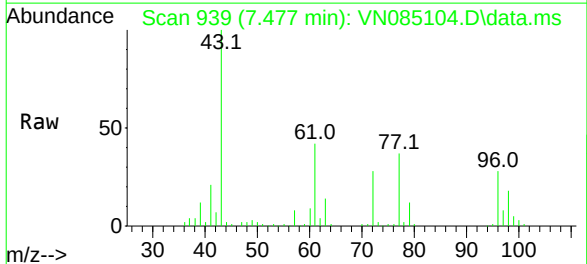
#25
2-Butanone
Concen: 301.133 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 338793
Ion Ratio Lower Upper
43 100
72 28.2 21.4 32.0

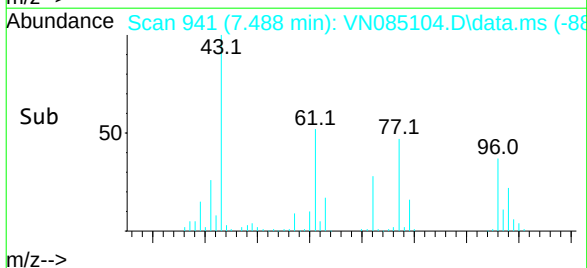
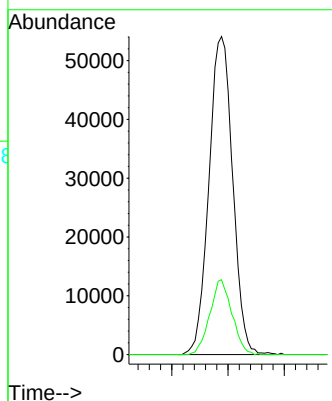
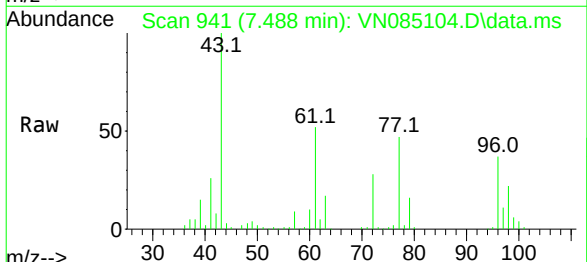
Manual Integrations
APPROVED

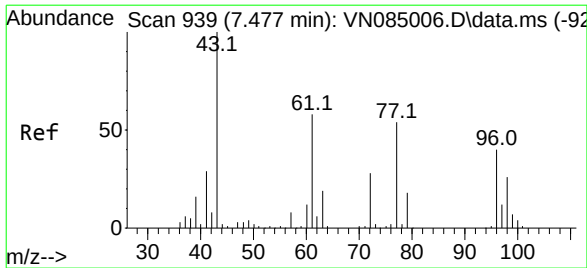
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#26
2,2-Dichloropropane
Concen: 47.553 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 77 Resp: 158735
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





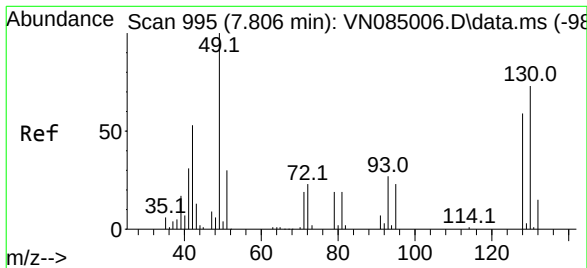
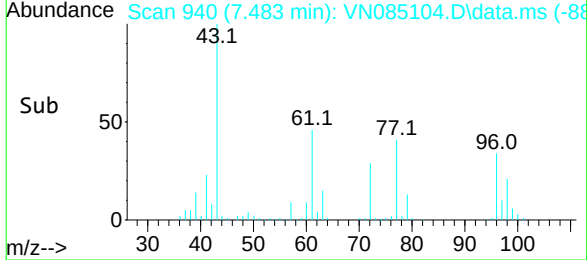
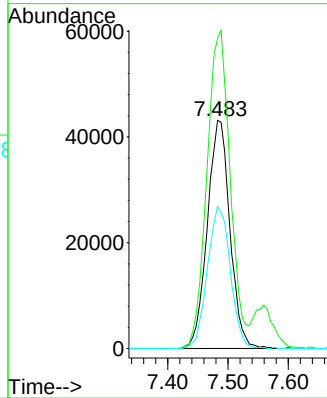
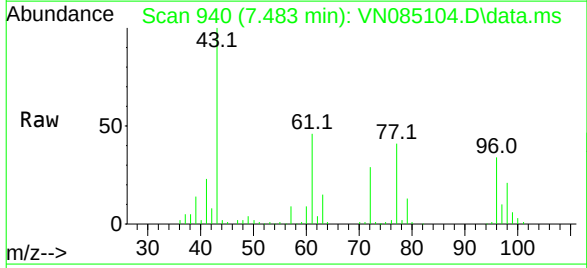
#27
cis-1,2-Dichloroethene
Concen: 50.297 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 112343
Ion Ratio Lower Upper
96 100
61 144.5 0.0 291.6
98 63.2 0.0 129.8

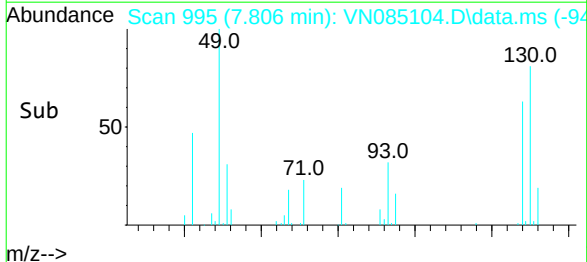
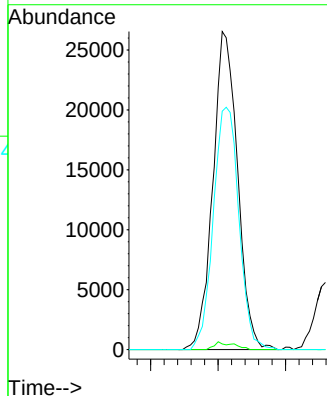
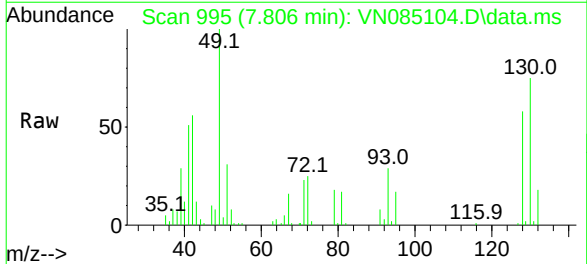
Manual Integrations
APPROVED

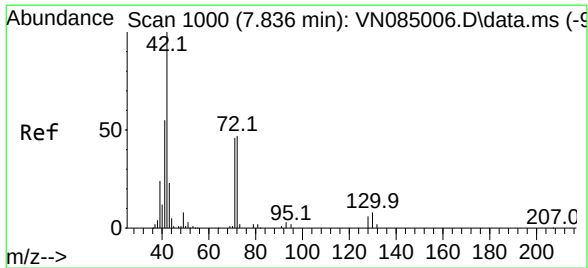
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#28
Bromochloromethane
Concen: 50.010 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 49 Resp: 67485
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 78.8 60.6 90.8





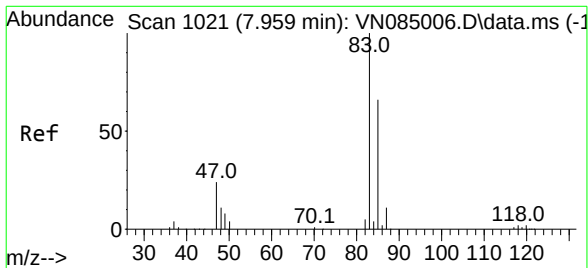
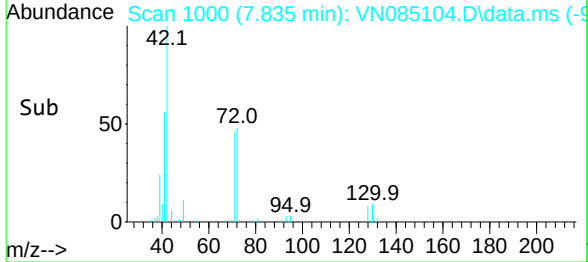
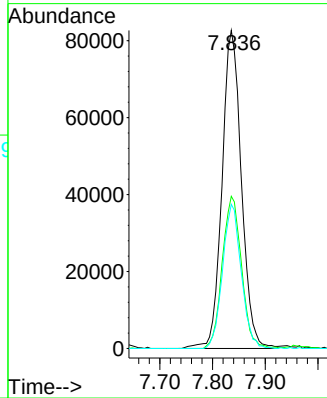
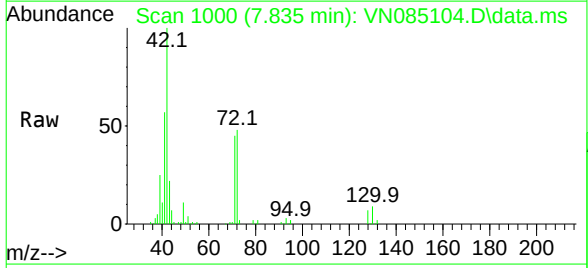
#29
Tetrahydrofuran
Concen: 301.886 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 211211
Ion Ratio Lower Upper
42 100
72 47.6 37.0 55.4
71 43.6 35.0 52.4

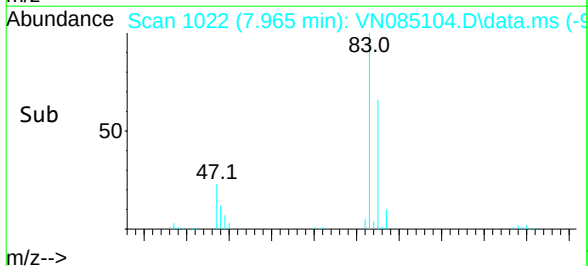
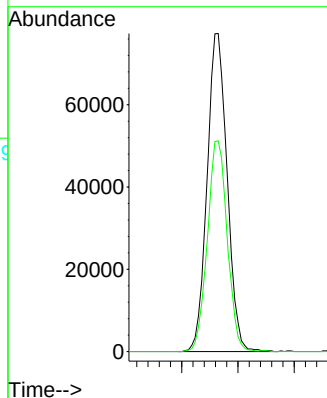
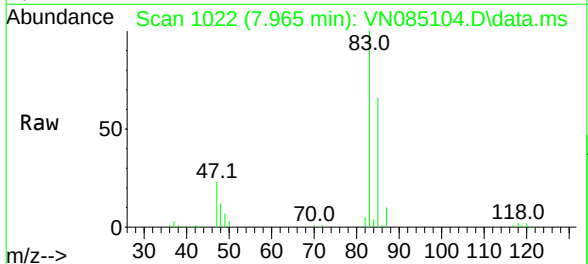
Manual Integrations
APPROVED

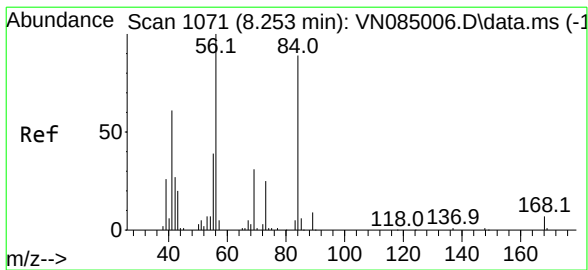
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#30
Chloroform
Concen: 50.354 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

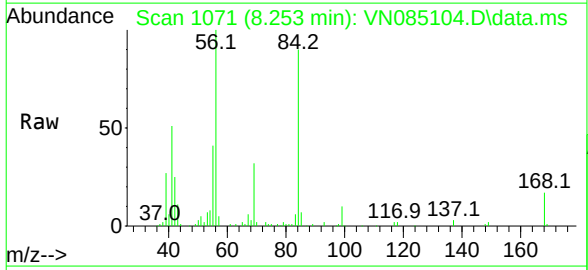
Tgt Ion: 83 Resp: 191479
Ion Ratio Lower Upper
83 100
85 66.3 52.6 78.8





#31
Cyclohexane
Concen: 42.165 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

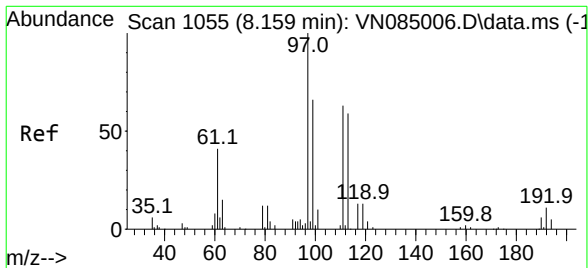
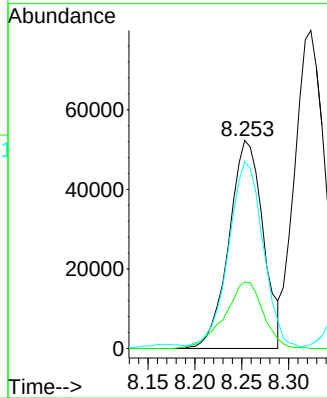
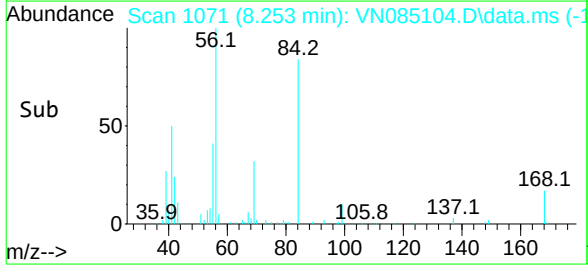
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



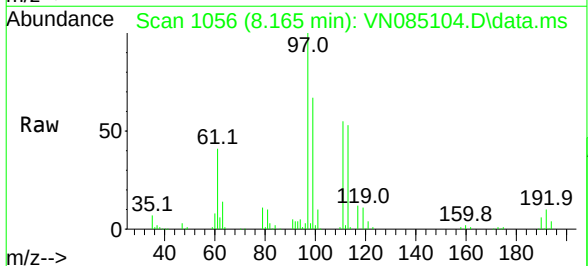
Tgt Ion: 56 Resp: 132713
Ion Ratio Lower Upper
56 100
69 31.5 24.6 36.8
84 88.0 71.4 107.2

Manual Integrations
APPROVED

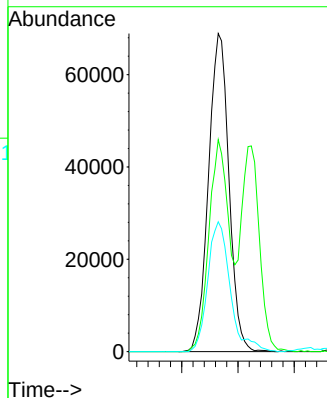
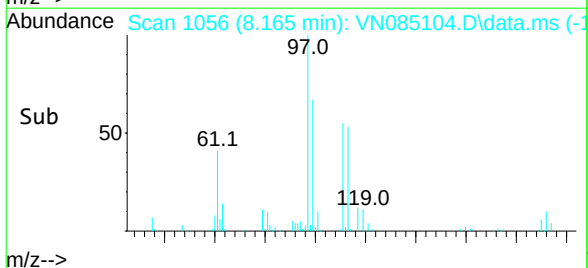
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

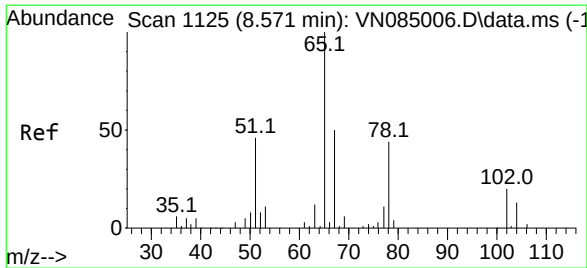


#32
1,1,1-Trichloroethane
Concen: 50.618 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13



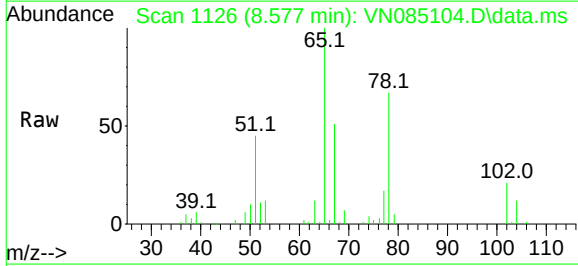
Tgt Ion: 97 Resp: 173937
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 44.7 36.2 54.2





#33
1,2-Dichloroethane-d4
Concen: 46.913 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

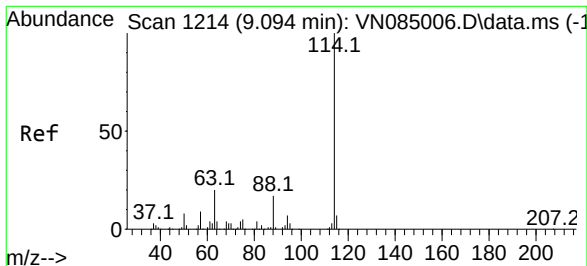
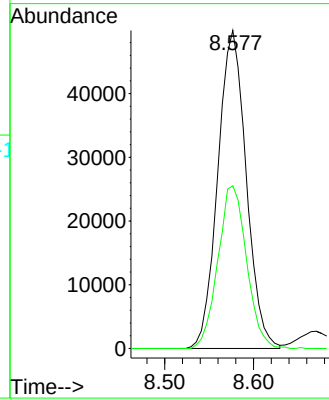
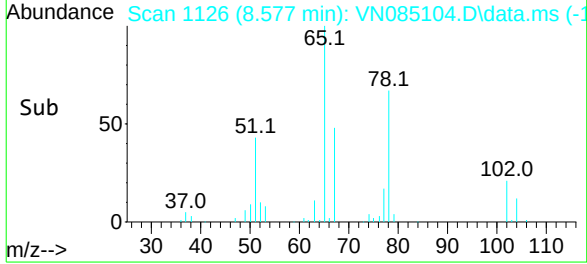
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



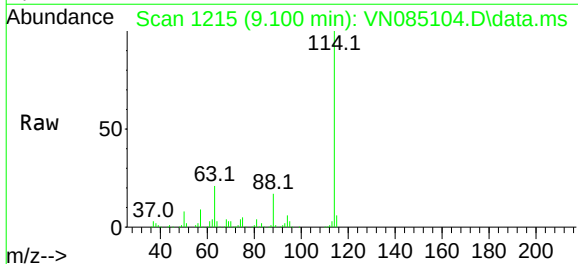
Tgt Ion: 65 Resp: 110847
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0

Manual Integrations
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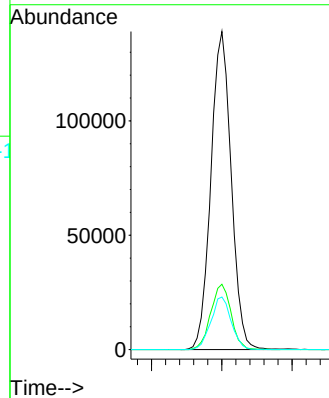
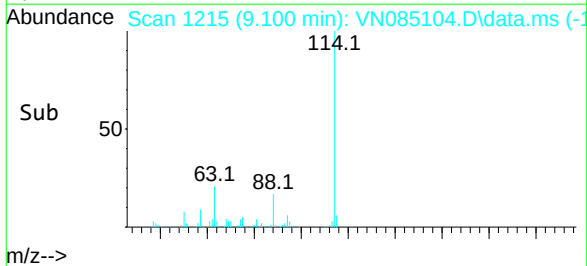
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

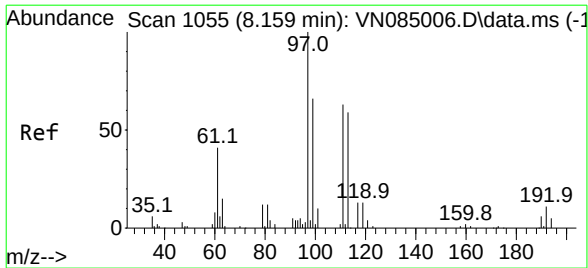


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13



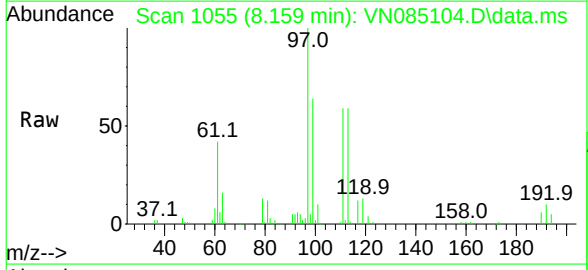
Tgt Ion:114 Resp: 278811
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 16.5 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 47.983 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085104.D
 Acq: 04 Dec 2024 19:13

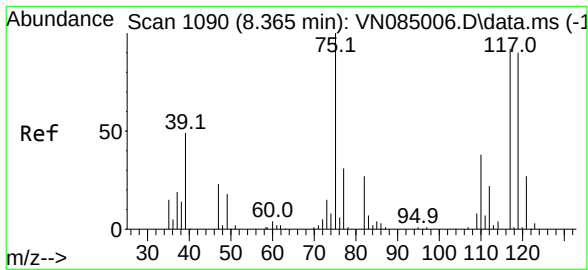
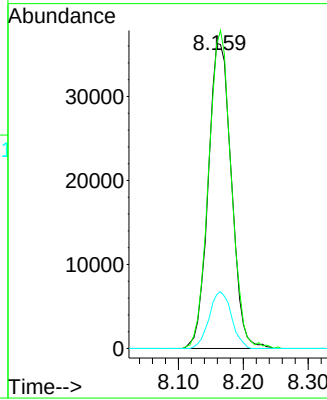
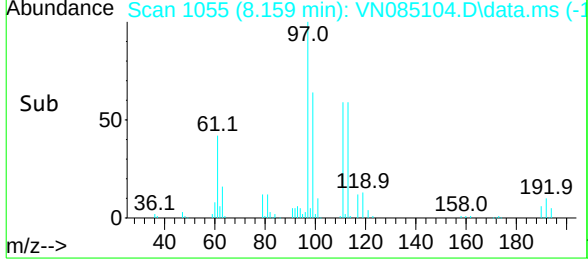
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	90218
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	17.9	14.8	22.2

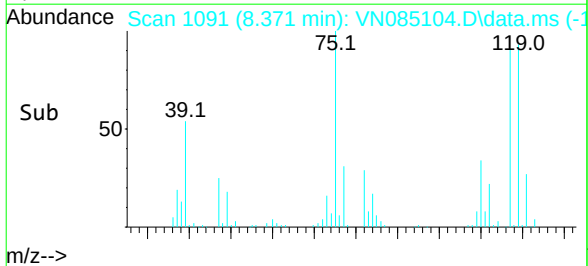
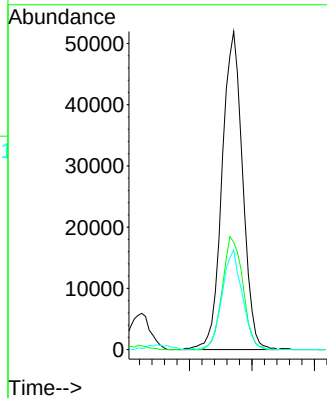
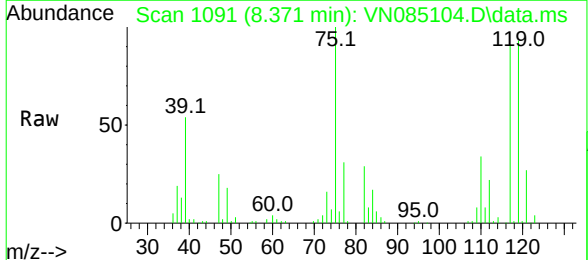
Manual Integrations
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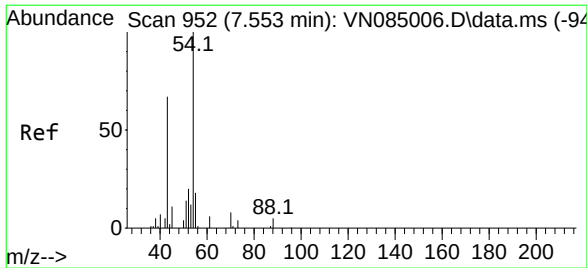
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#36
 1,1-Dichloropropene
 Concen: 46.694 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085104.D
 Acq: 04 Dec 2024 19:13

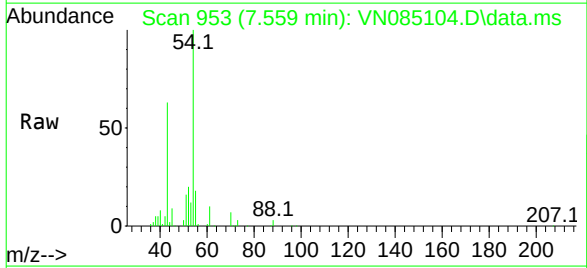
Tgt Ion:	75	Resp:	118917
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.2	51.6
77	30.9	24.2	36.4





#37
Ethyl Acetate
Concen: 56.847 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

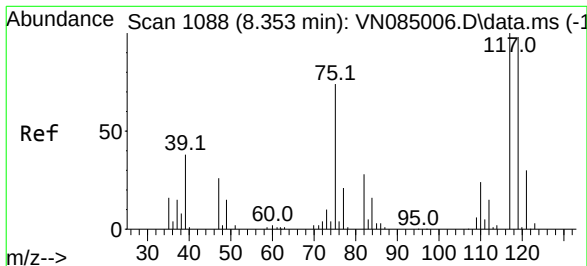
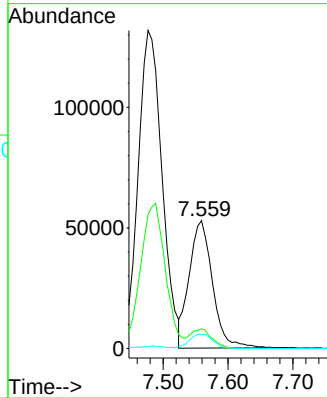
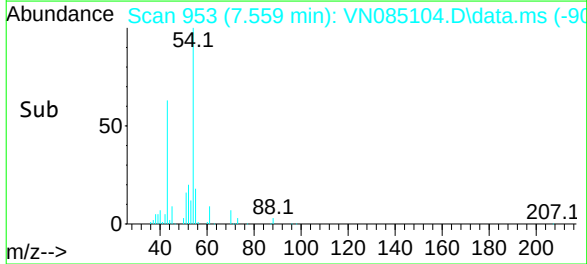
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 131615
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 11.4 9.3 13.9

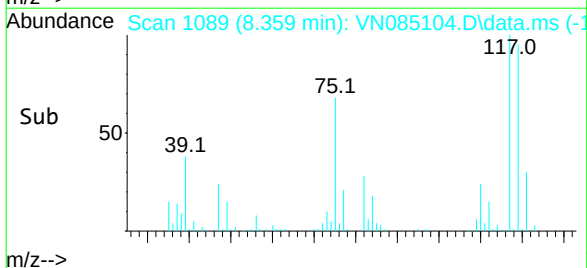
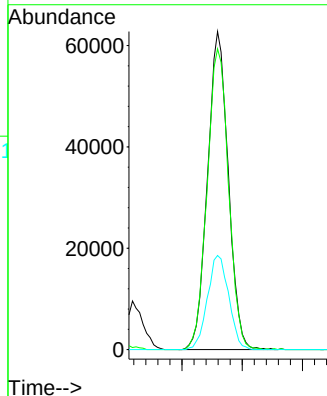
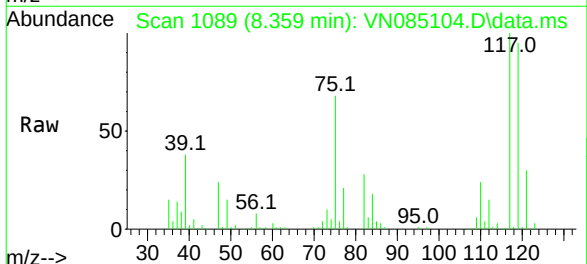
Manual Integrations
APPROVED

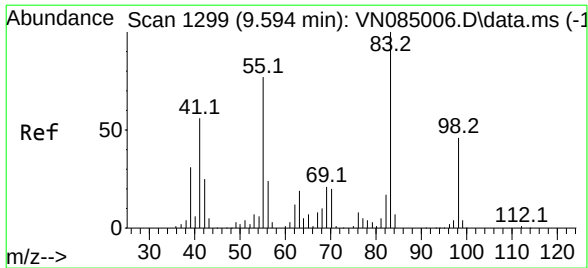
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#38
Carbon Tetrachloride
Concen: 51.132 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

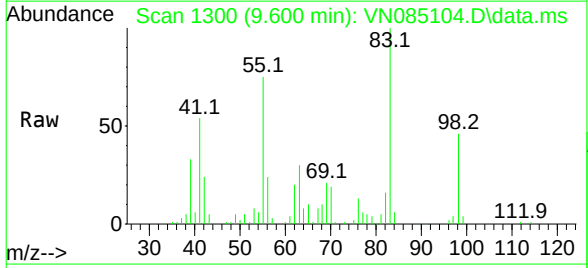
Tgt Ion:117 Resp: 150312
Ion Ratio Lower Upper
117 100
119 94.6 78.6 117.8
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 47.338 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

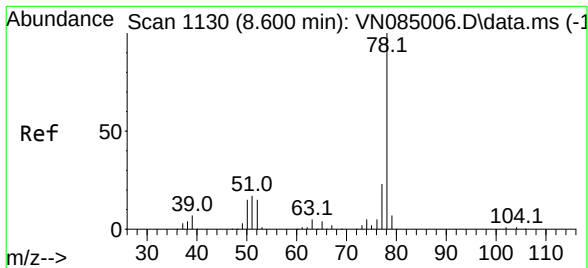
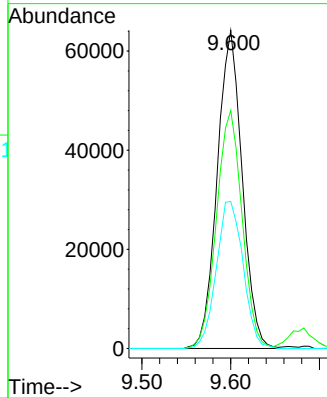
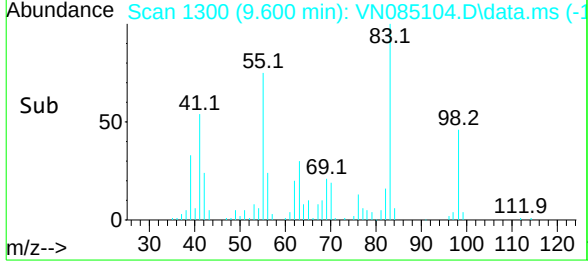
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 125276
Ion Ratio Lower Upper
83 100
55 74.8 61.8 92.6
98 46.2 37.0 55.6

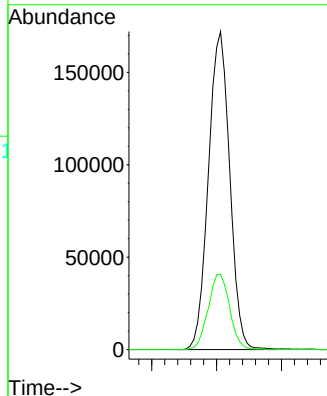
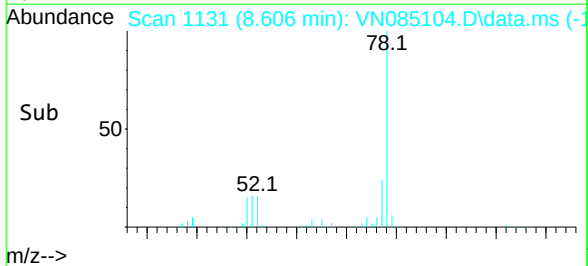
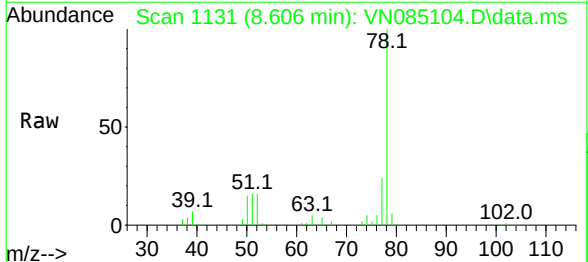
Manual Integrations
APPROVED

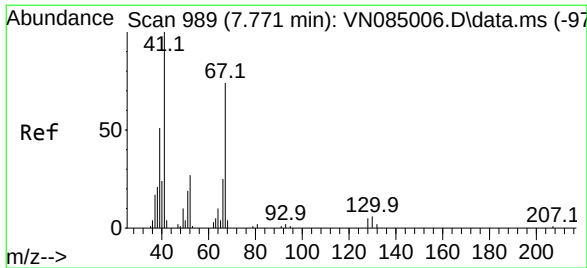
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#40
Benzene
Concen: 48.707 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 78 Resp: 392326
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7





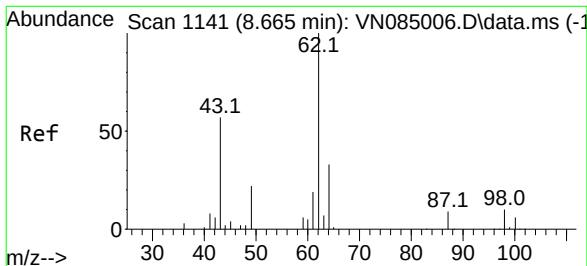
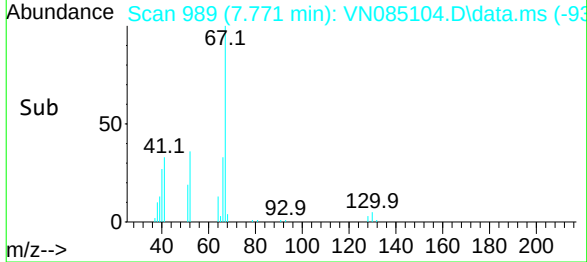
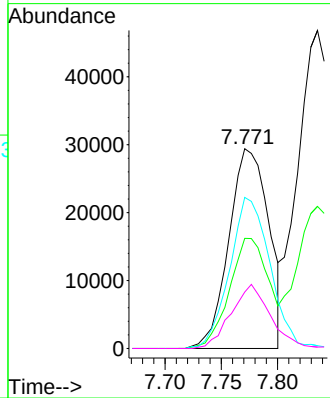
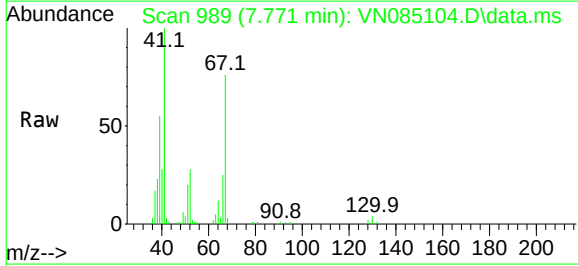
#41
Methacrylonitrile
Concen: 56.552 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	72494
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.6	63.8
67	76.8	59.9	89.9
52	31.9	24.8	37.2

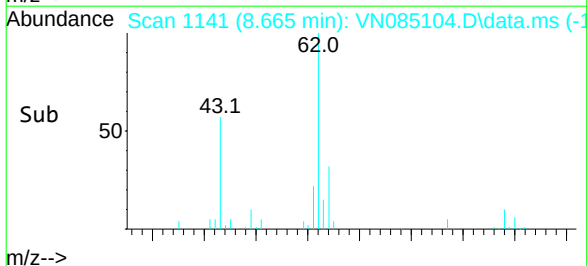
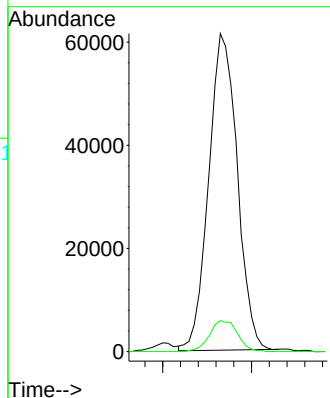
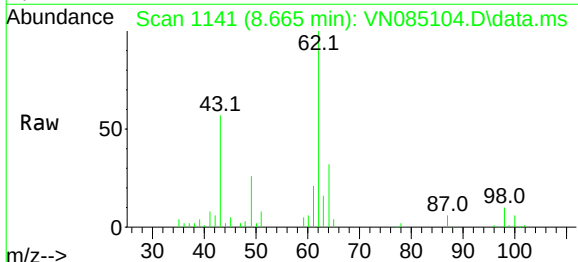
Manual Integrations
APPROVED

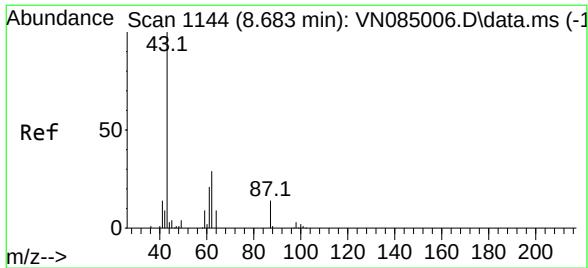
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#42
1,2-Dichloroethane
Concen: 49.826 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:	62	Resp:	137302
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





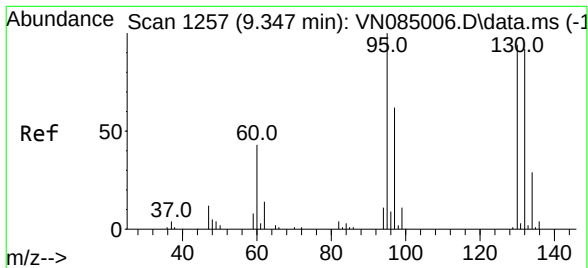
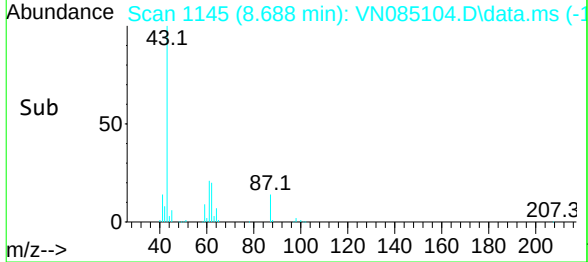
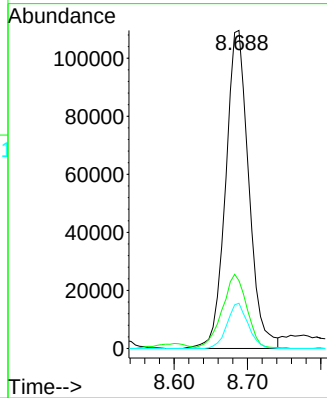
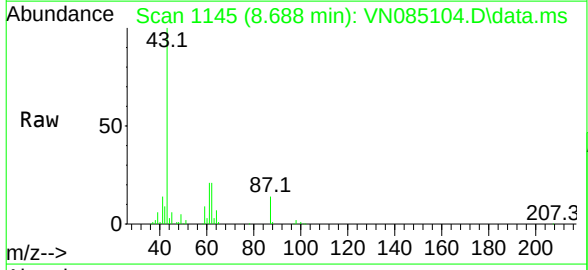
#43
Isopropyl Acetate
Concen: 49.882 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 239891
Ion Ratio Lower Upper
43 100
61 25.0 20.6 30.8
87 12.9 11.0 16.4

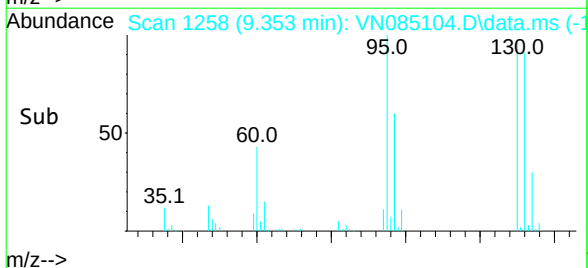
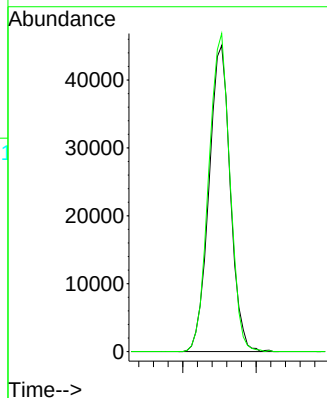
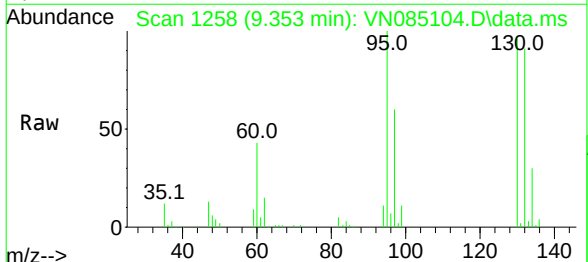
Manual Integrations
APPROVED

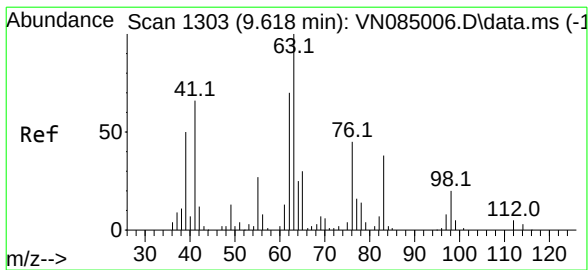
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#44
Trichloroethene
Concen: 48.674 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:130 Resp: 91113
Ion Ratio Lower Upper
130 100
95 103.9 0.0 213.4





#45

1,2-Dichloropropane

Concen: 50.514 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 100215

Ion Ratio Lower Upper

63 100

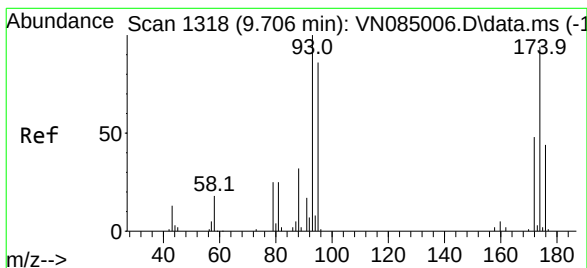
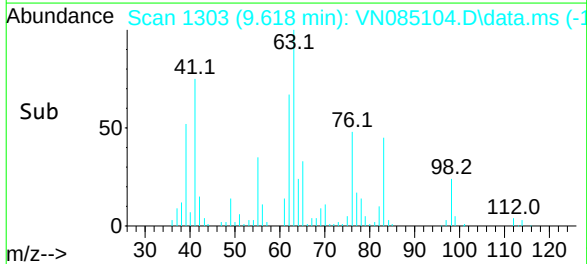
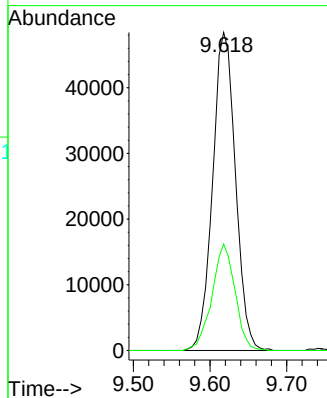
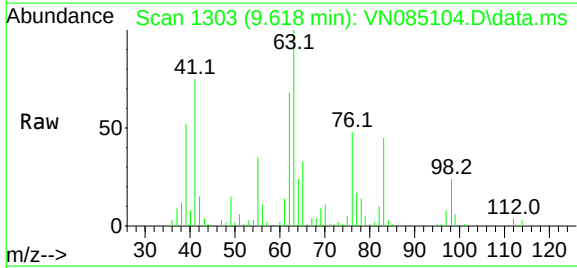
65 33.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#46

Dibromomethane

Concen: 50.978 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

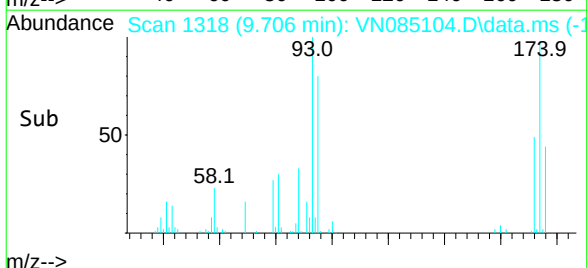
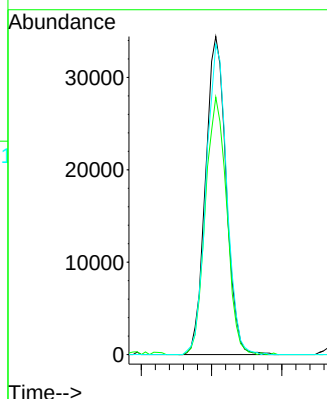
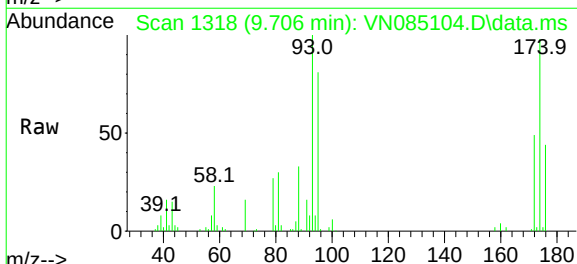
Tgt Ion: 93 Resp: 70275

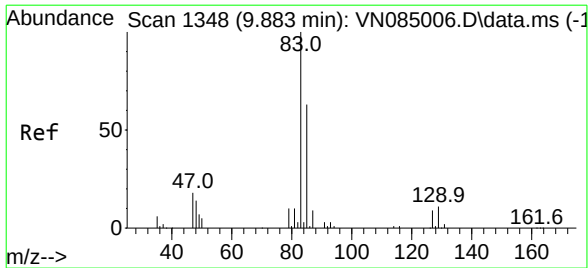
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 97.4 74.9 112.3





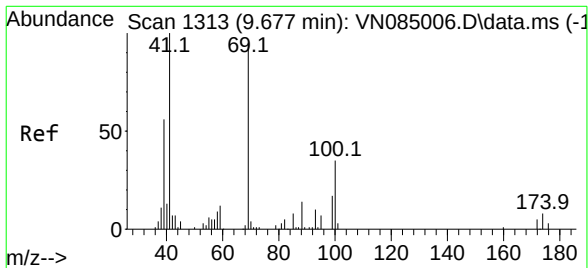
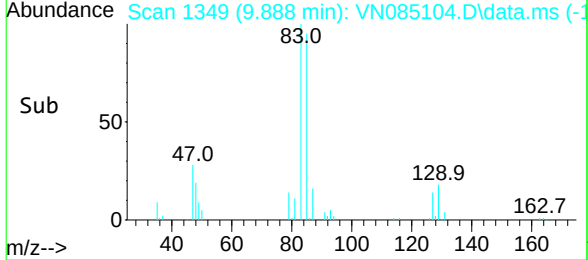
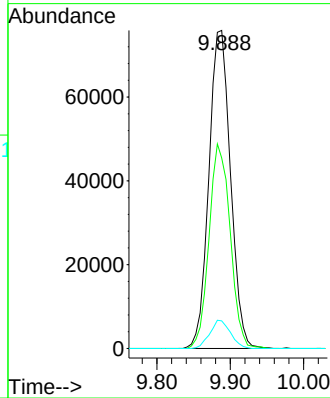
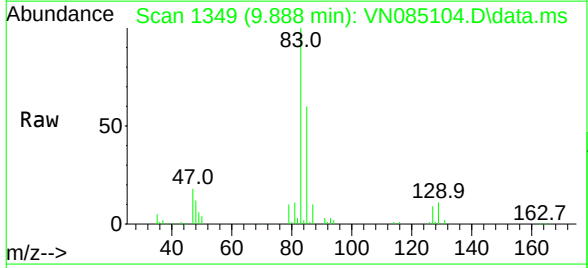
#47
Bromodichloromethane
Concen: 53.196 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 155424
Ion Ratio Lower Upper
83 100
85 59.9 50.5 75.7
127 8.7 7.1 10.7

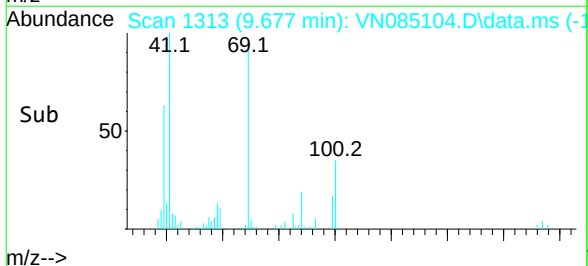
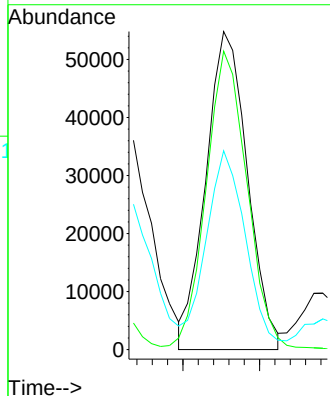
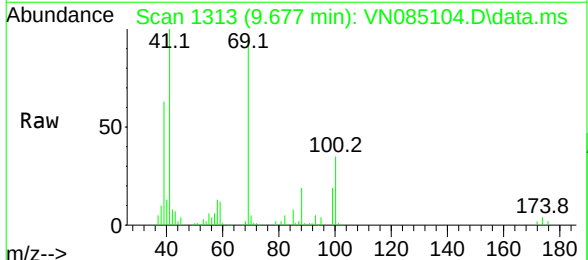
Manual Integrations
APPROVED

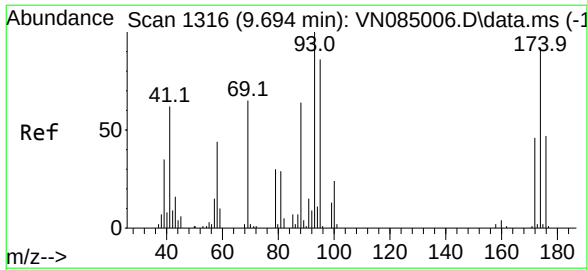
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#48
Methyl methacrylate
Concen: 57.723 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

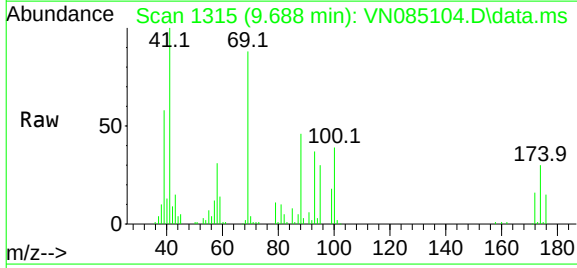
Tgt Ion: 41 Resp: 103301
Ion Ratio Lower Upper
41 100
69 92.6 73.2 109.8
39 60.1 46.2 69.4





#49
1,4-Dioxane
Concen: 1314.875 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

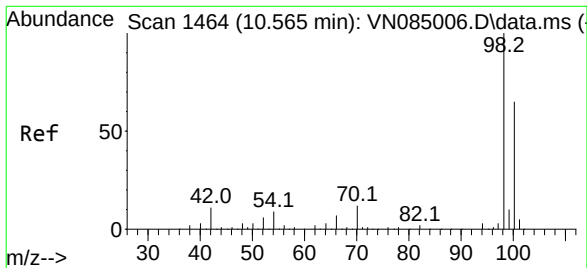
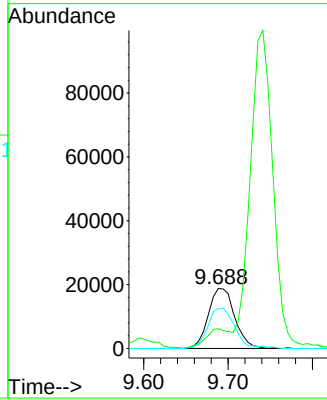
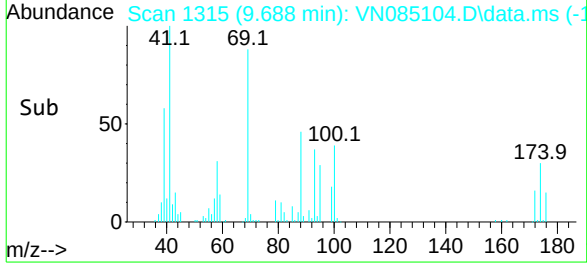
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 40807
Ion Ratio Lower Upper
88 100
43 27.9 16.7 25.1#
58 69.2 56.5 84.7

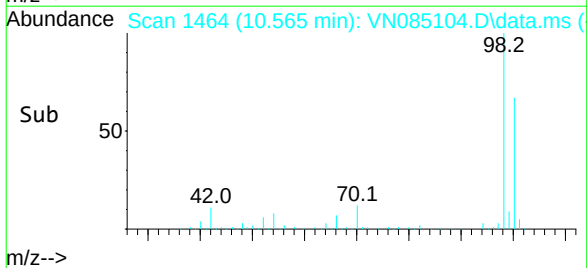
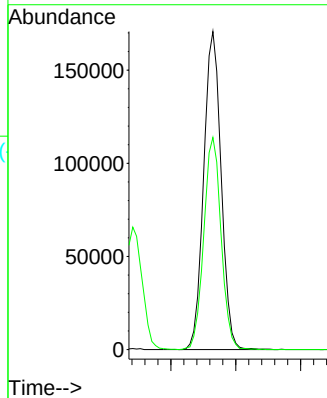
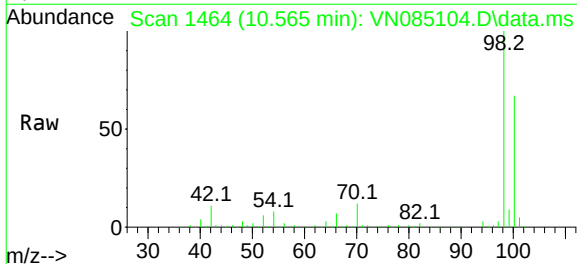
Manual Integrations
APPROVED

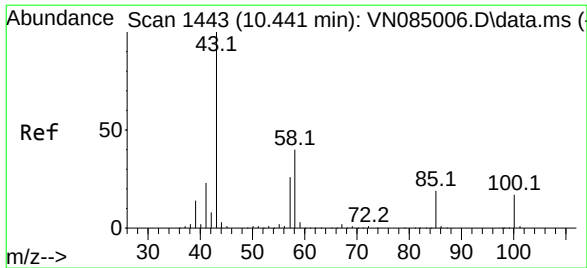
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#50
Toluene-d8
Concen: 47.206 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 98 Resp: 318085
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





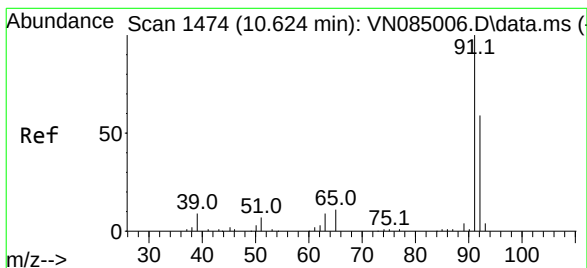
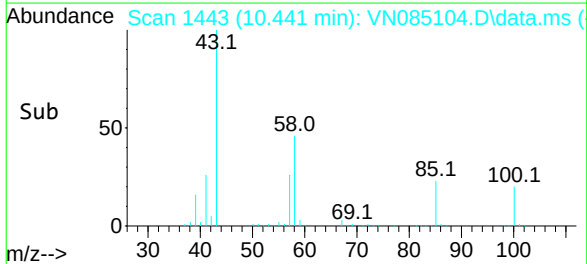
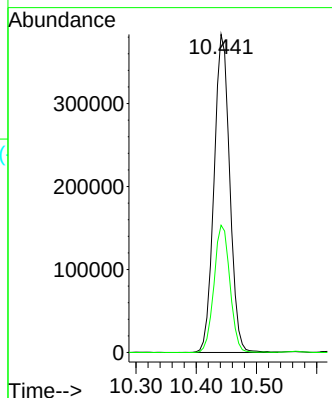
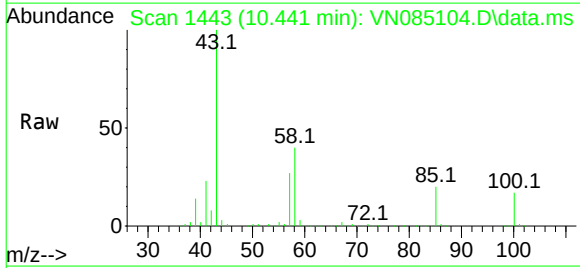
#51
4-Methyl-2-Pentanone
Concen: 316.053 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 694244
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1

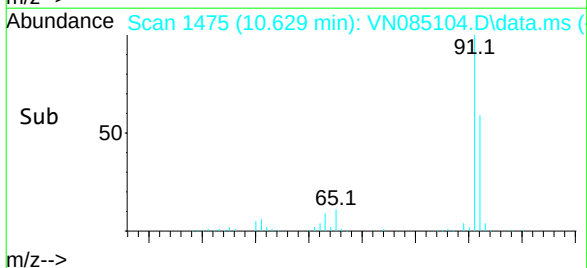
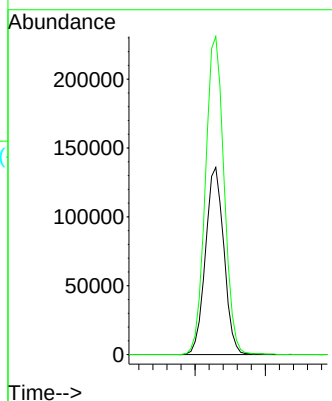
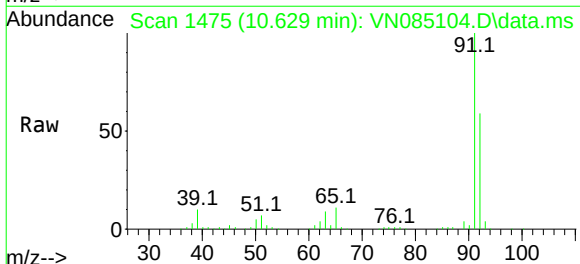
Manual Integrations
APPROVED

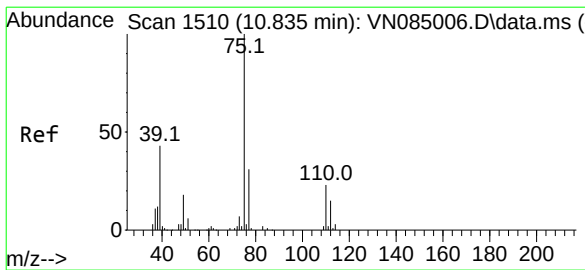
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#52
Toluene
Concen: 51.932 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

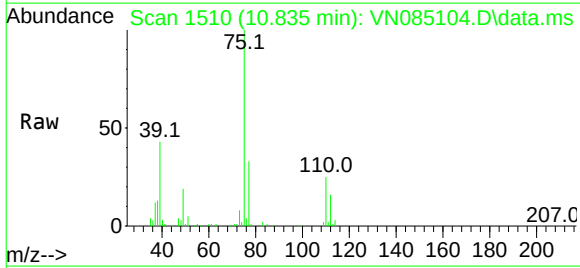
Tgt Ion: 92 Resp: 247636
Ion Ratio Lower Upper
92 100
91 171.9 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 52.454 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

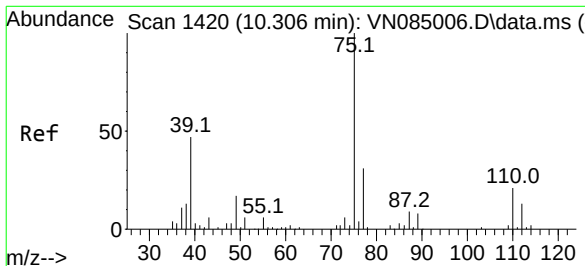
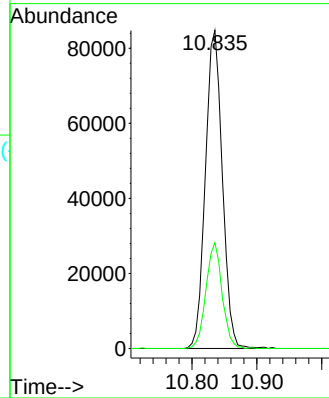
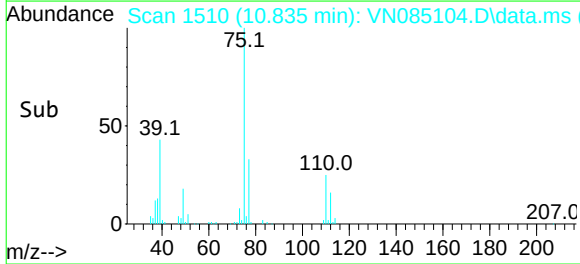
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



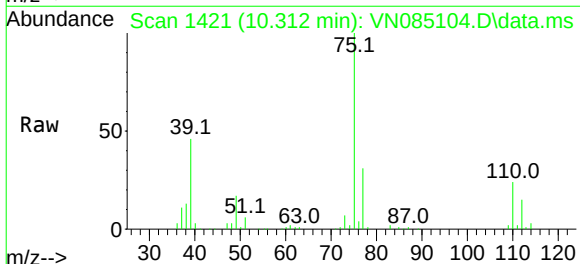
Tgt Ion: 75 Resp: 153649
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4

Manual Integrations
APPROVED

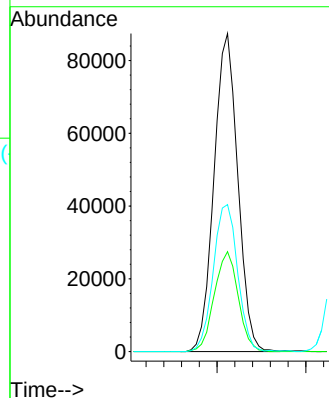
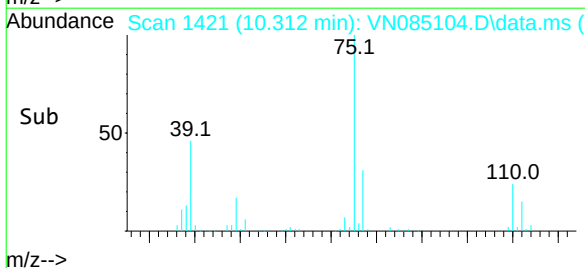
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

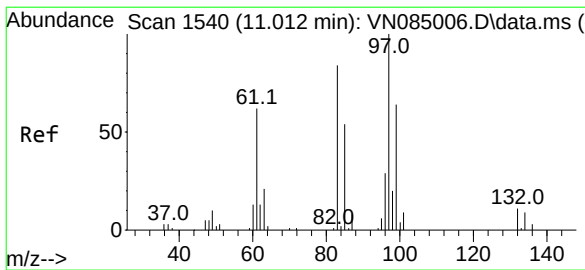


#54
cis-1,3-Dichloropropene
Concen: 52.295 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13



Tgt Ion: 75 Resp: 162508
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 46.2 37.6 56.4





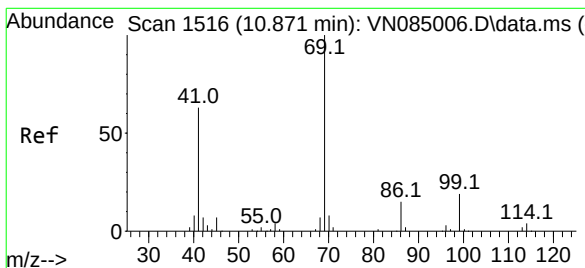
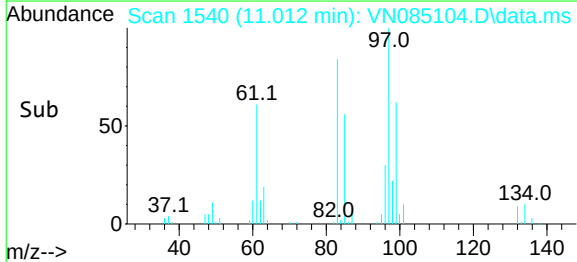
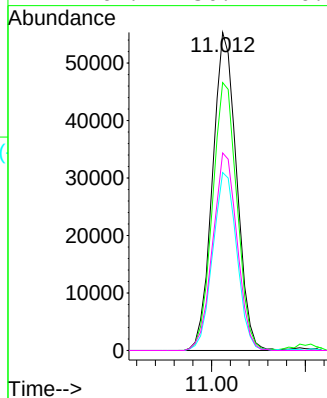
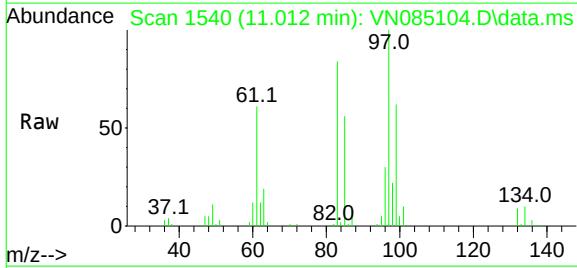
#55
1,1,2-Trichloroethane
Concen: 55.629 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	98805
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.2
85	55.9	43.1	64.7
99	62.1	50.9	76.3

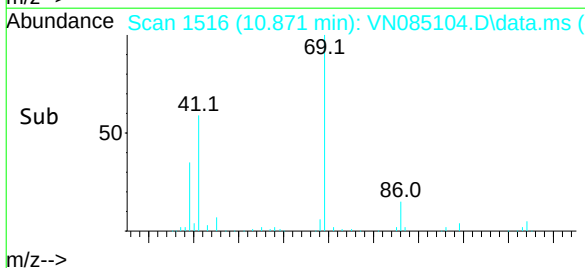
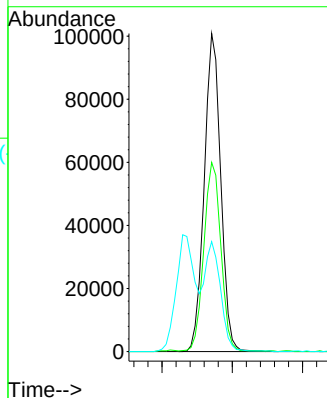
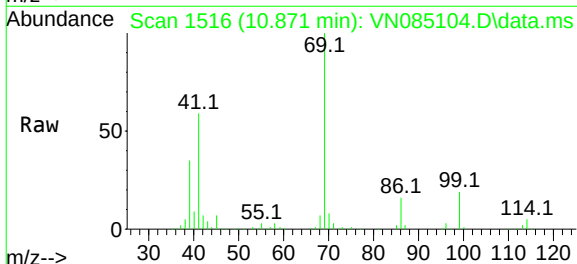
Manual Integrations
APPROVED

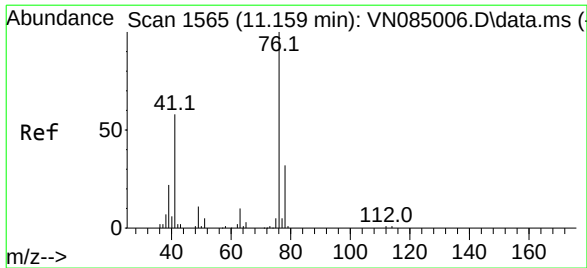
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#56
Ethyl methacrylate
Concen: 63.289 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:	69	Resp:	164260
Ion	Ratio	Lower	Upper
69	100		
41	61.9	50.0	75.0
39	33.4	27.0	40.6





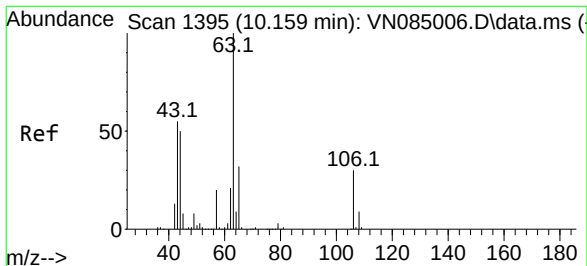
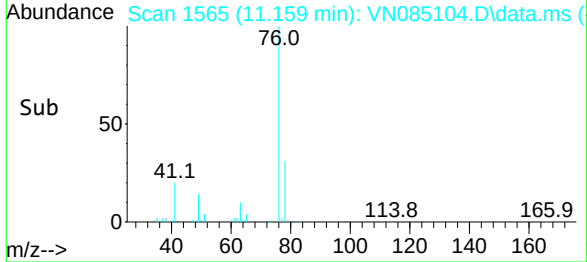
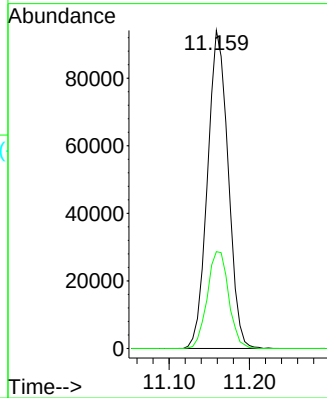
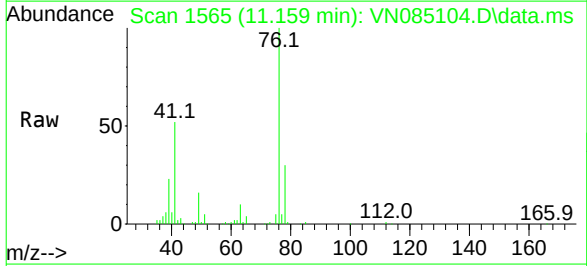
#57
1,3-Dichloropropane
Concen: 53.707 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 167886
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1

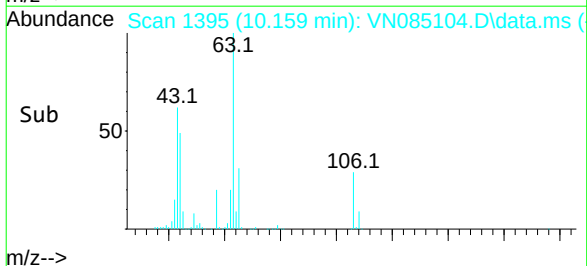
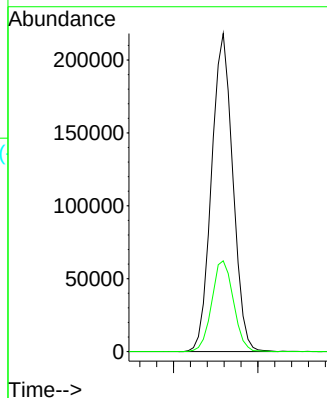
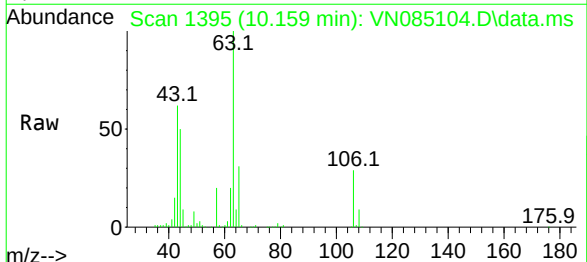
Manual Integrations
APPROVED

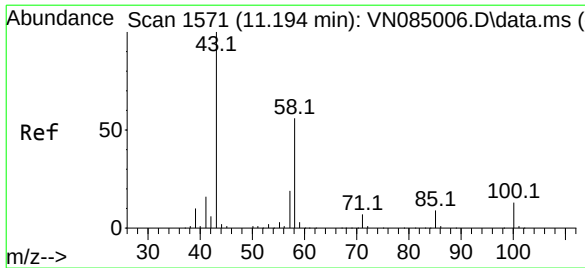
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#58
2-Chloroethyl Vinyl ether
Concen: 300.696 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 63 Resp: 382817
Ion Ratio Lower Upper
63 100
106 29.1 23.0 34.6





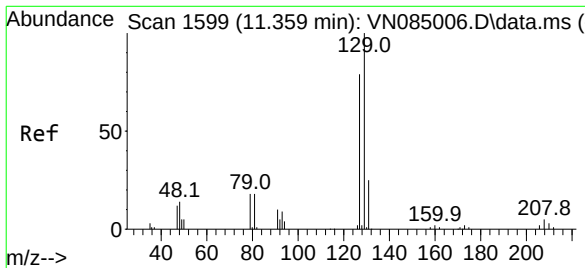
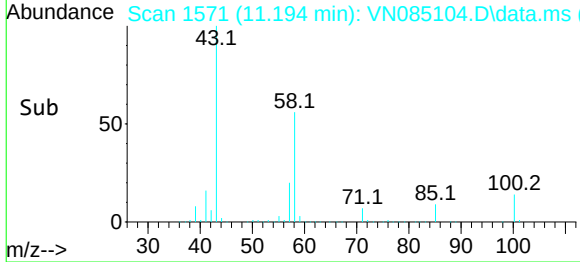
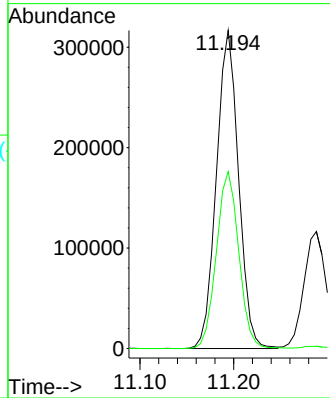
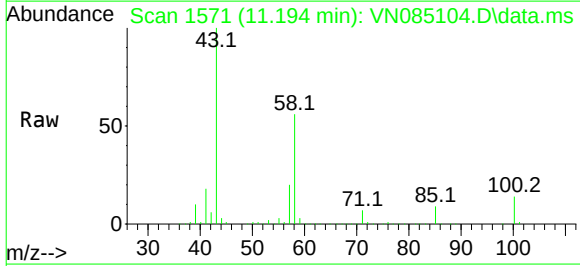
#59
2-Hexanone
Concen: 315.587 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 518463
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

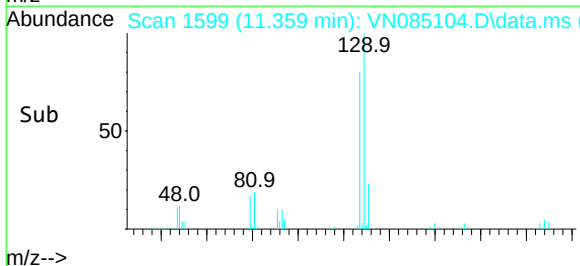
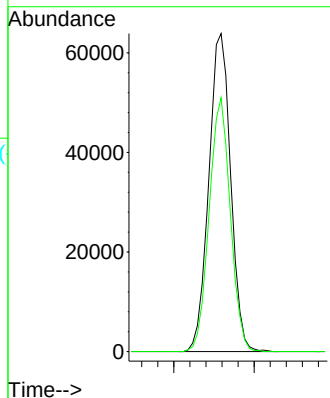
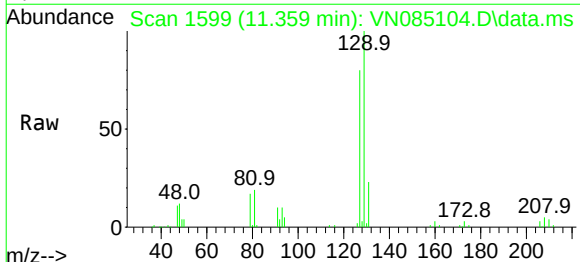
Manual Integrations
APPROVED

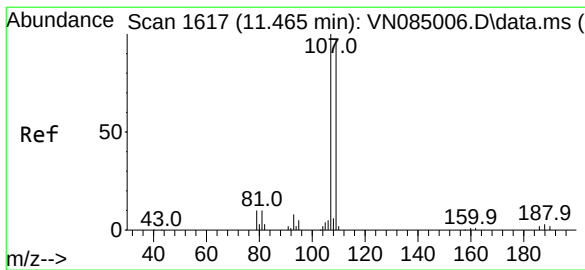
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#60
Dibromochloromethane
Concen: 55.539 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:129 Resp: 120558
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





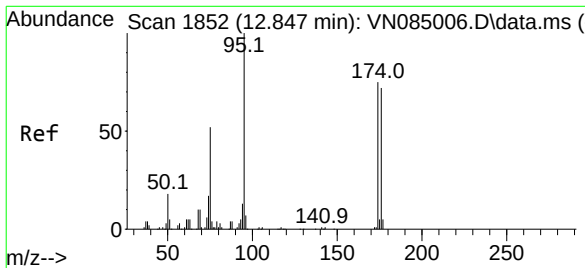
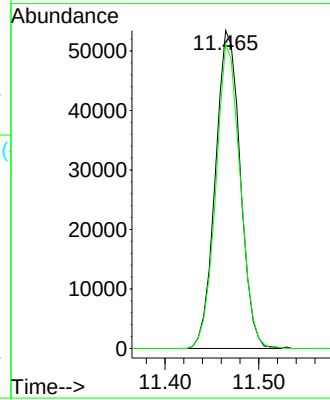
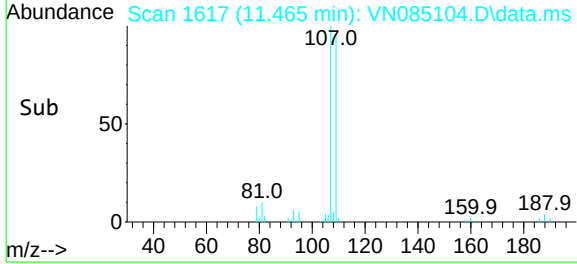
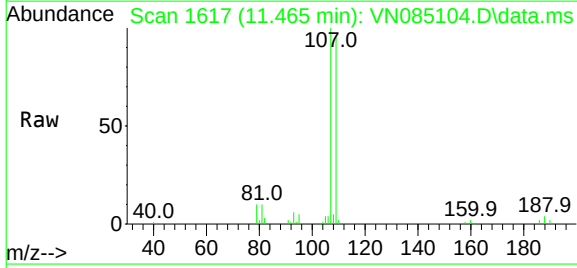
#61
1,2-Dibromoethane
Concen: 53.622 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 98566
Ion Ratio Lower Upper
107 100
109 94.2 76.1 114.1

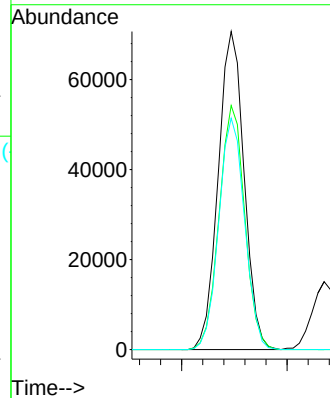
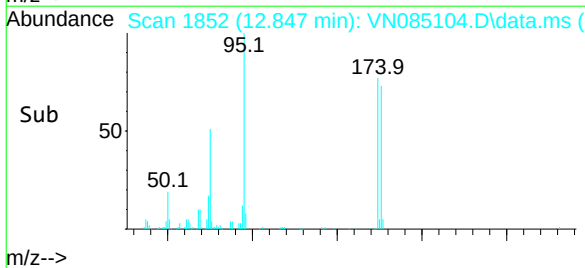
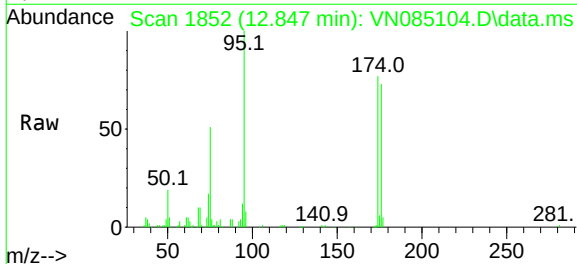
Manual Integrations
APPROVED

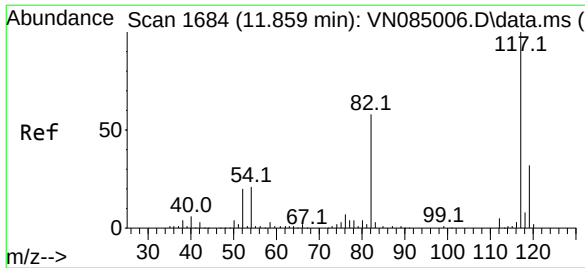
Reviewed By : John Carlone 12/05/2024
Supervised By : Mahesh Dadoda 12/05/2024



#62
4-Bromofluorobenzene
Concen: 47.831 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

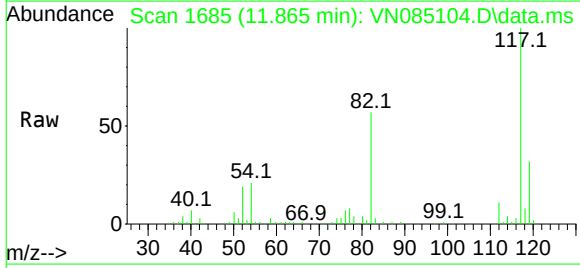
Tgt Ion: 95 Resp: 120529
Ion Ratio Lower Upper
95 100
174 75.9 0.0 146.6
176 72.6 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

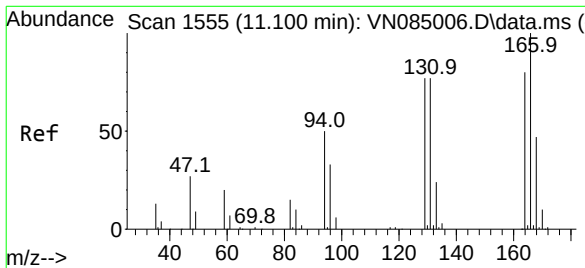
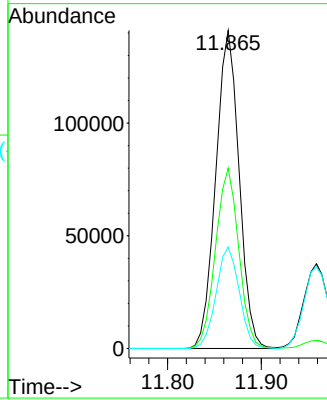
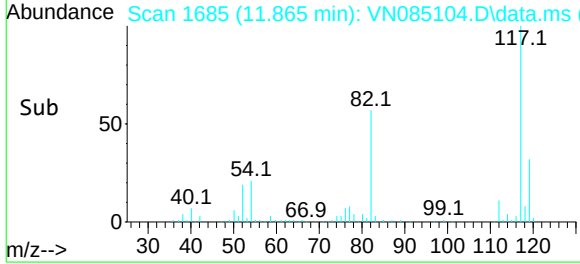
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



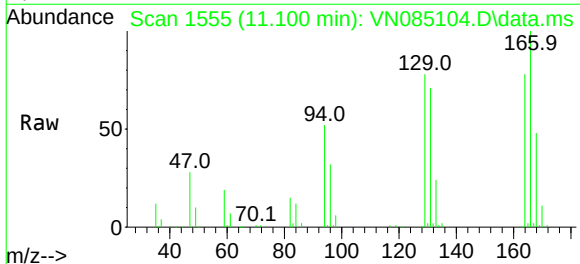
Tgt Ion:117 Resp: 244114
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

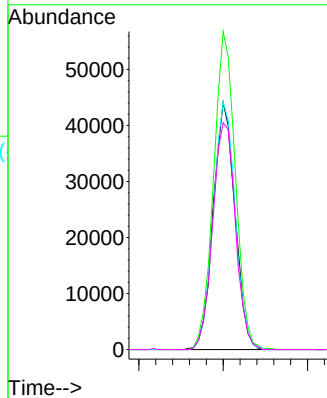
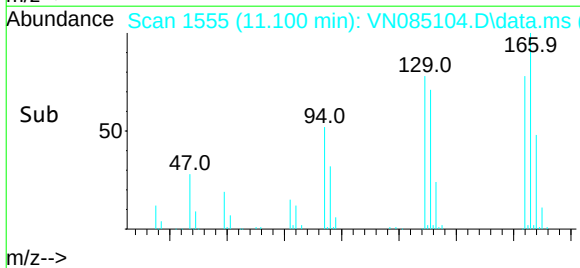
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

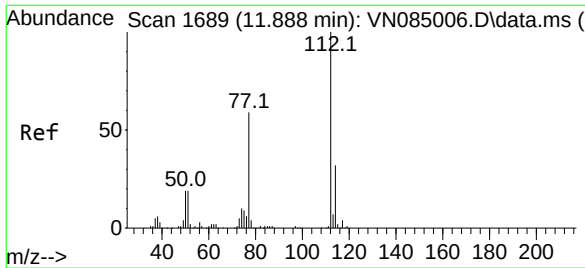


#64
Tetrachloroethene
Concen: 48.120 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13



Tgt Ion:164 Resp: 79153
Ion Ratio Lower Upper
164 100
166 128.7 100.6 151.0
129 100.1 77.7 116.5
131 91.8 77.2 115.8





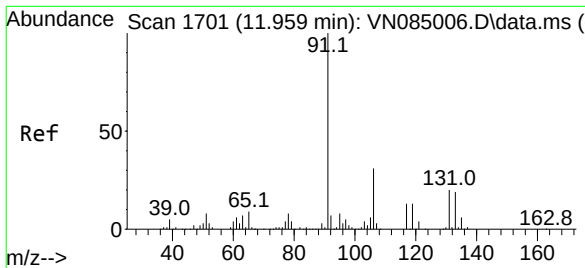
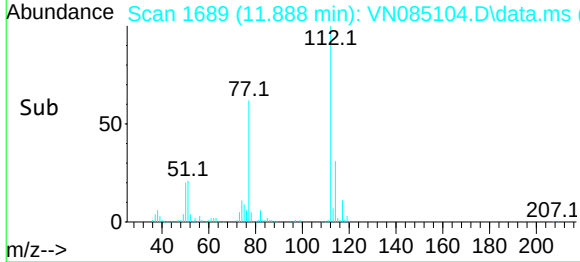
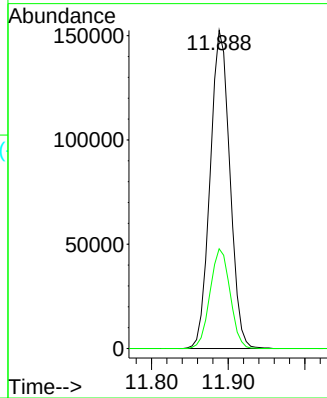
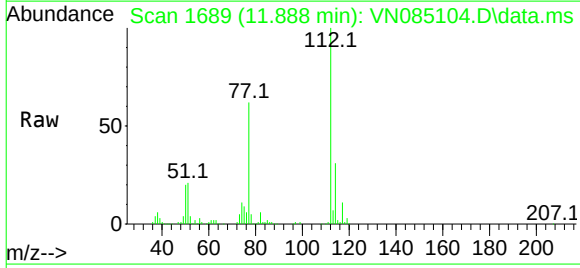
#65
Chlorobenzene
Concen: 49.176 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 272249
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

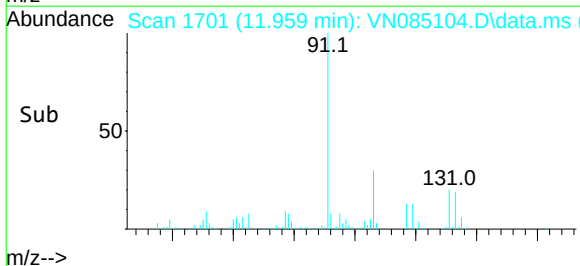
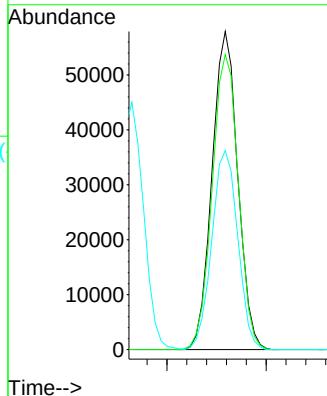
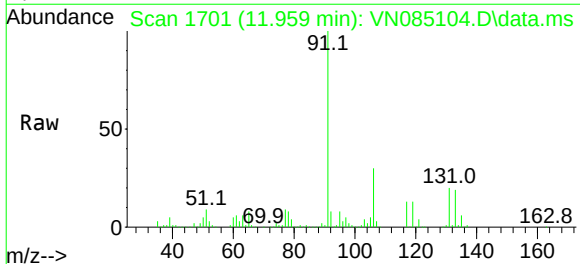
Manual Integrations
APPROVED

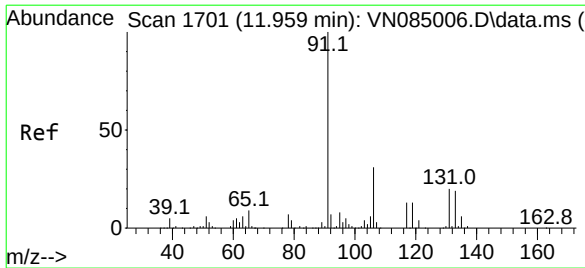
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.440 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:131 Resp: 104167
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 63.2 32.1 96.3





#67

Ethyl Benzene

Concen: 54.059 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 485550

Ion Ratio Lower Upper

91 100

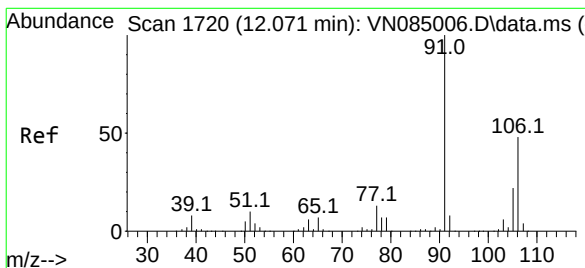
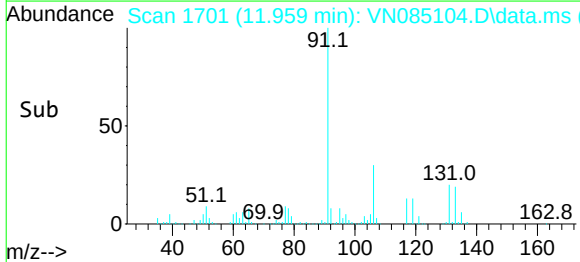
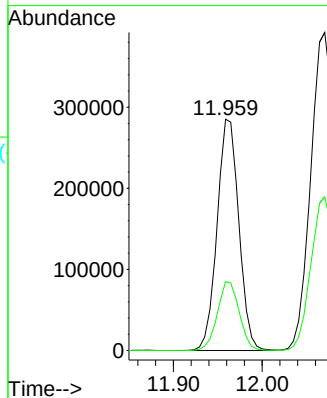
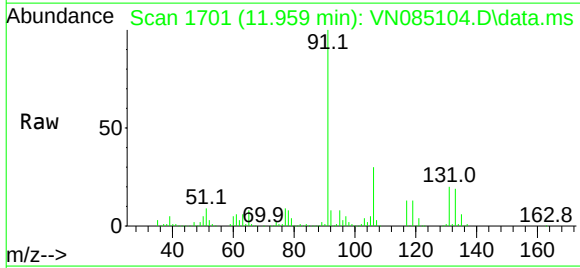
106 29.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#68

m/p-Xylenes

Concen: 106.724 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085104.D

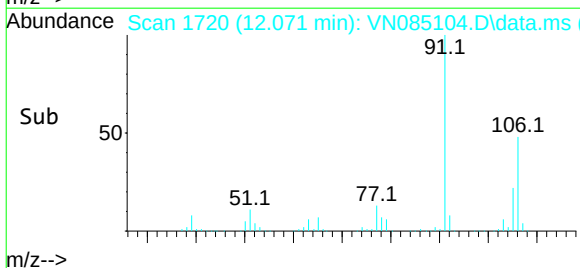
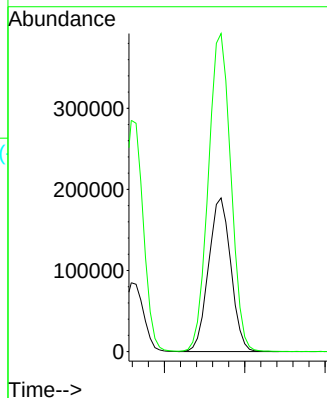
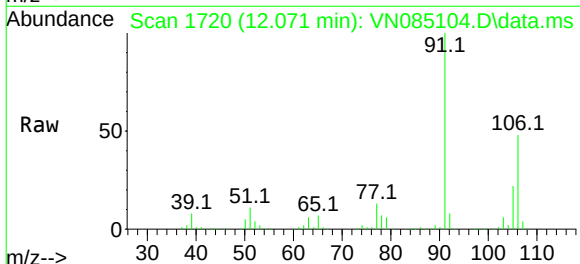
Acq: 04 Dec 2024 19:13

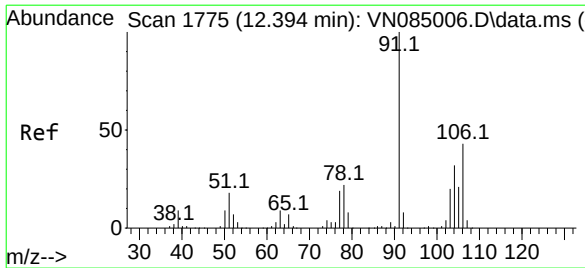
Tgt Ion:106 Resp: 364948

Ion Ratio Lower Upper

106 100

91 209.7 168.0 252.0





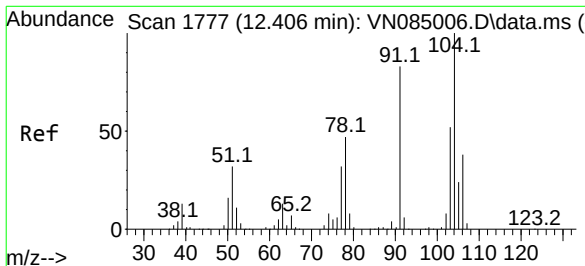
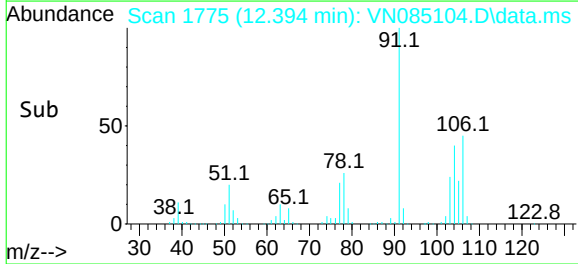
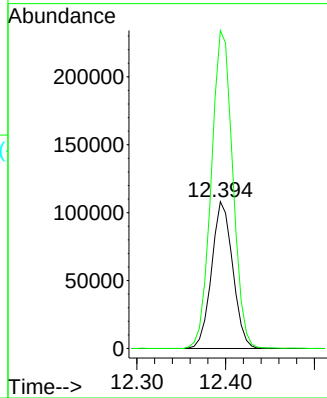
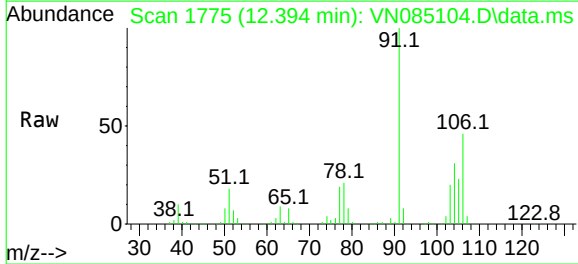
#69
o-Xylene
Concen: 54.962 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 178783
Ion Ratio Lower Upper
106 100
91 220.2 110.7 331.9

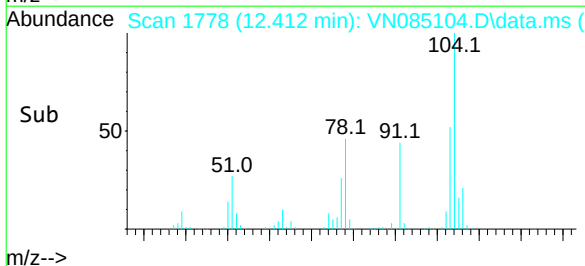
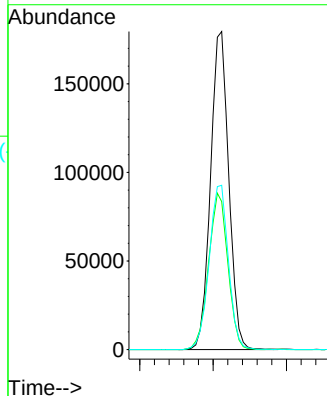
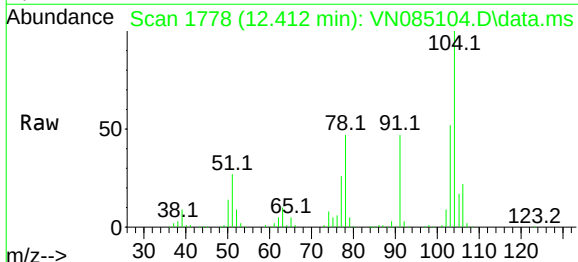
Manual Integrations
APPROVED

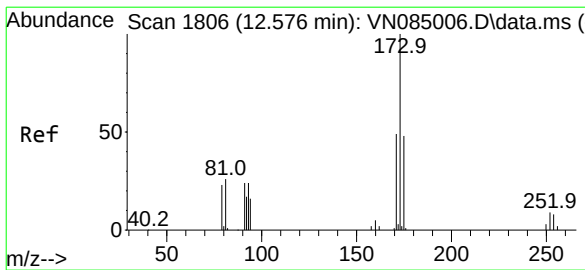
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#70
Styrene
Concen: 57.186 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:104 Resp: 309343
Ion Ratio Lower Upper
104 100
78 52.0 42.3 63.5
103 54.7 44.2 66.2





#71

Bromoform

Concen: 57.053 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

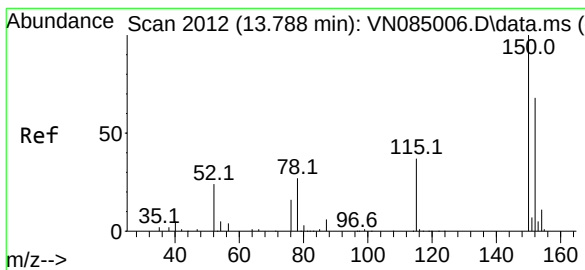
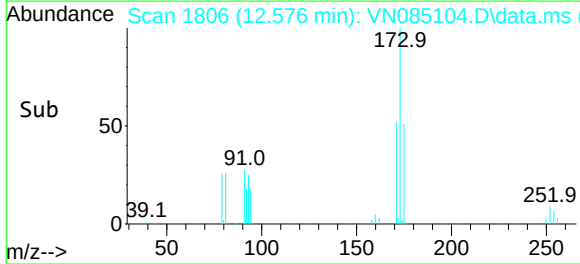
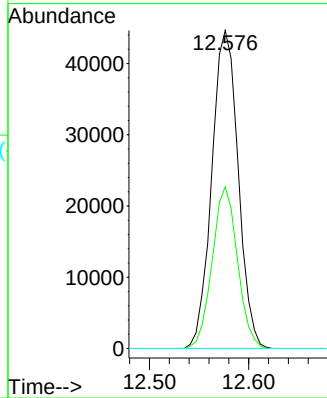
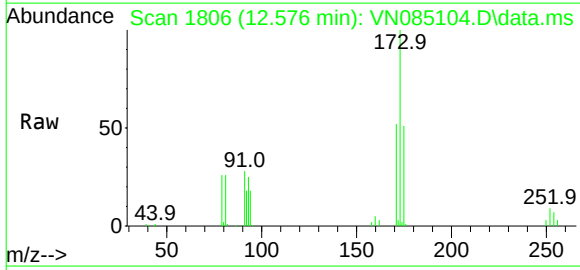
Tgt Ion:	173	Resp:	82549
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

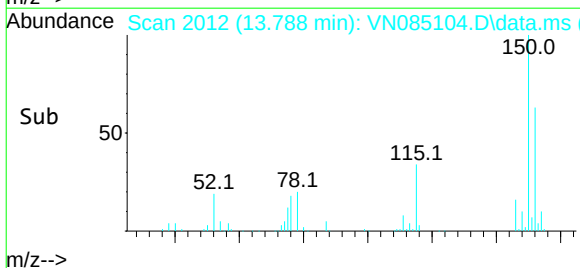
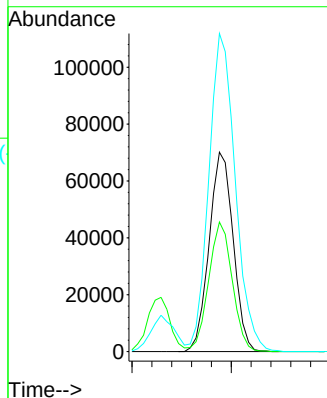
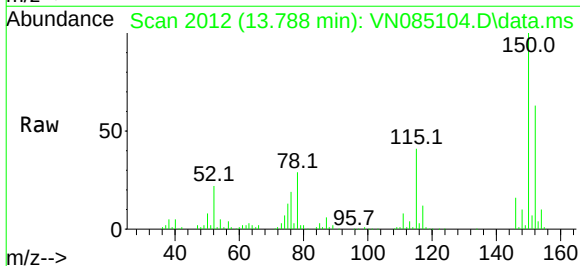
RT: 13.788 min Scan# 2012

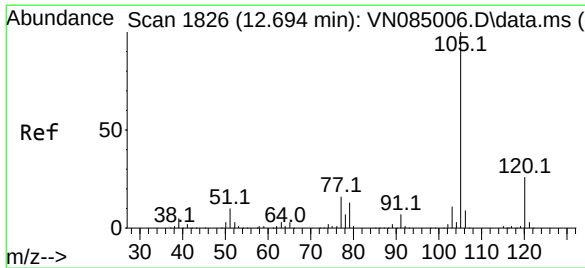
Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Tgt Ion:	152	Resp:	118130
Ion Ratio	Lower	Upper	
152	100		
115	63.8	31.7	95.1
150	175.5	0.0	351.4





#73

Isopropylbenzene

Concen: 55.516 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 462656

Ion Ratio Lower Upper

105 100

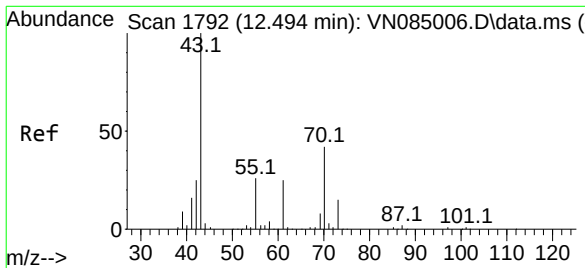
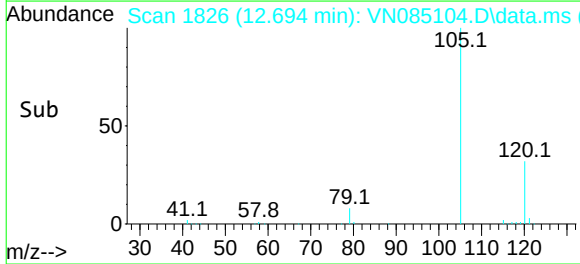
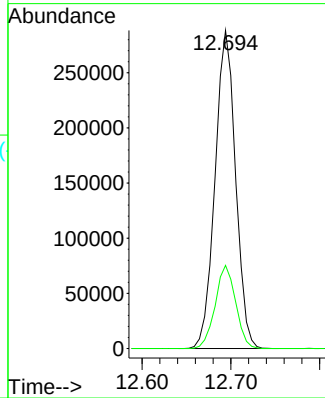
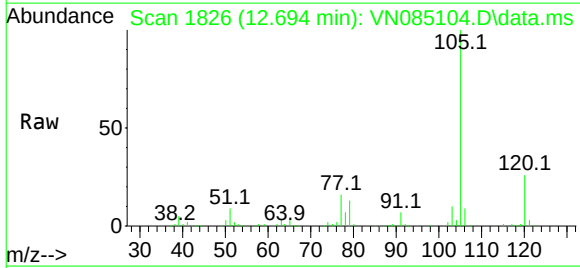
120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#74

N-ethyl acetate

Concen: 58.125 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Tgt Ion: 43 Resp: 199608

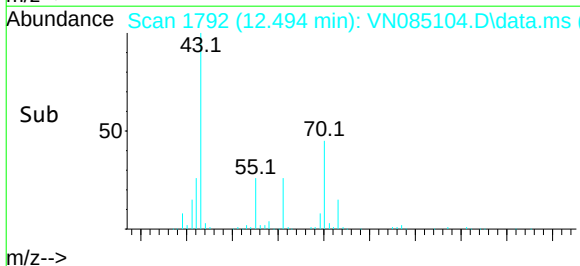
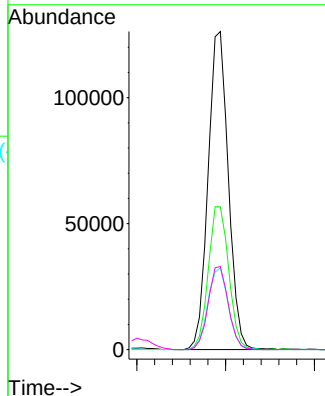
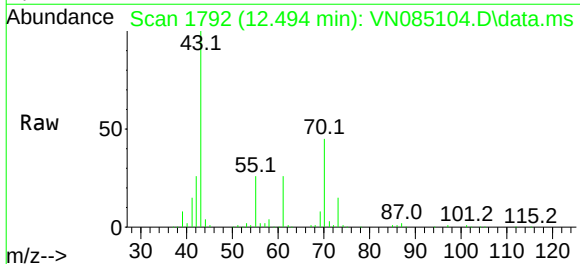
Ion Ratio Lower Upper

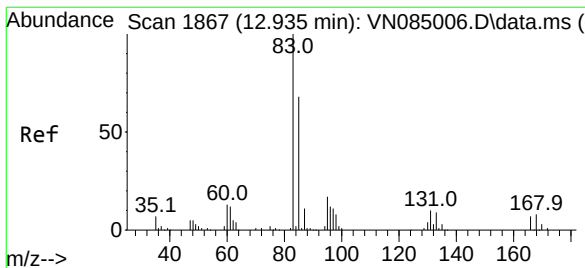
43 100

70 45.5 34.6 51.8

55 26.0 20.5 30.7

61 25.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.645 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

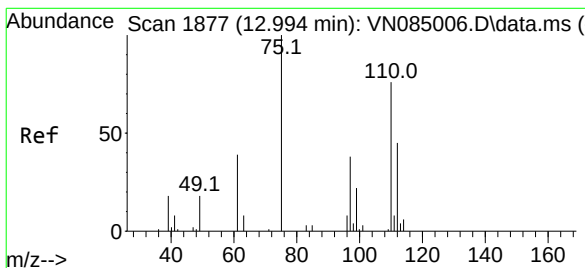
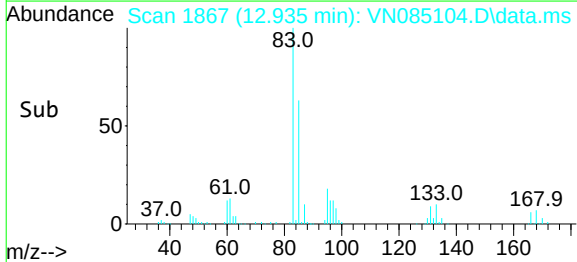
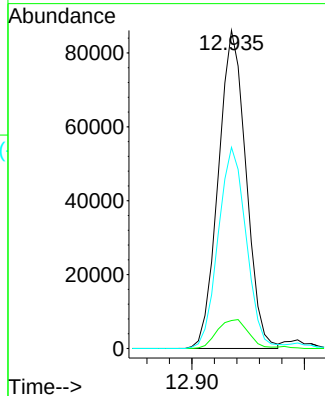
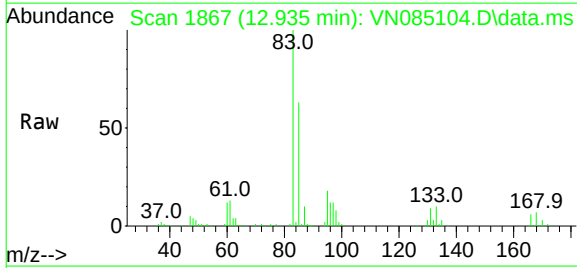
Tgt Ion: 83	Resp: 146970
Ion Ratio	Lower Upper
83 100	
131 10.5	5.1 15.4
85 64.1	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#76

1,2,3-Trichloropropane

Concen: 64.271 ug/l m

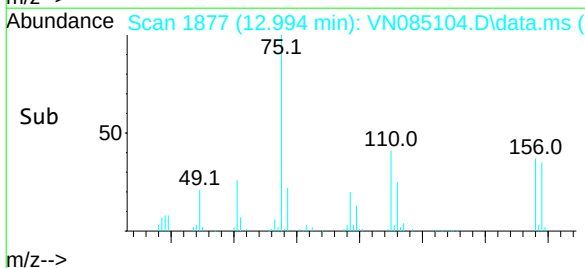
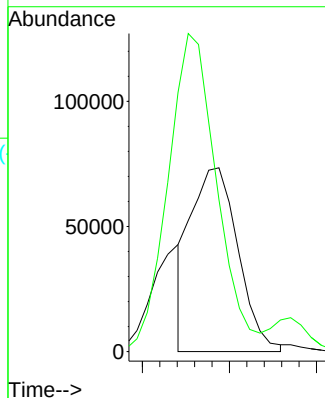
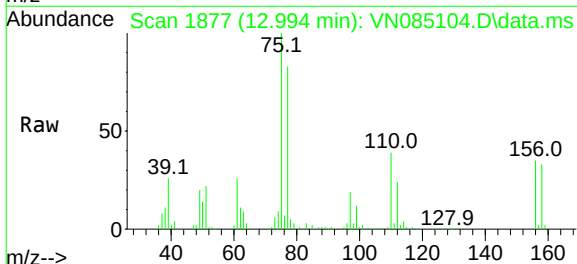
RT: 12.994 min Scan# 1877

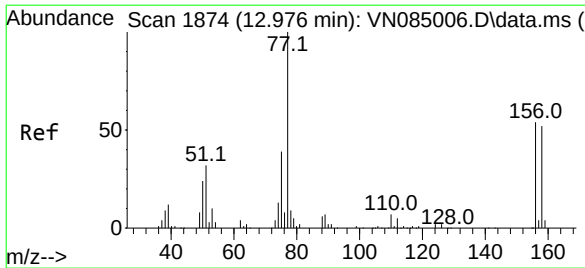
Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

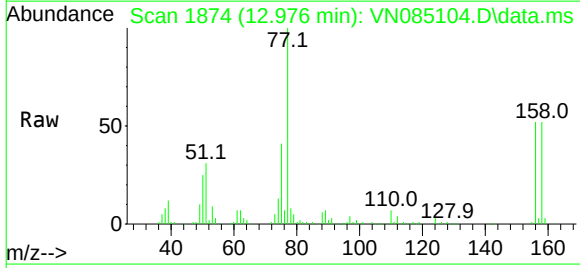
Tgt Ion: 75	Resp: 138098
Ion Ratio	Lower Upper
75 100	
77 179.3	109.1 327.4





#77
Bromobenzene
Concen: 50.835 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

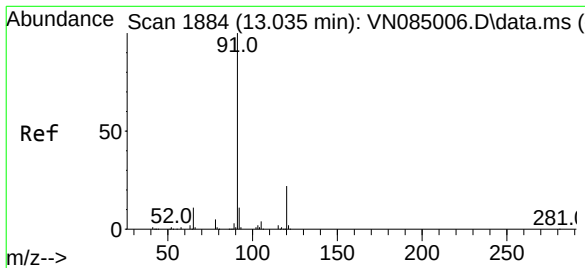
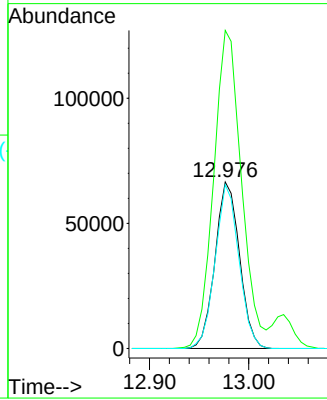
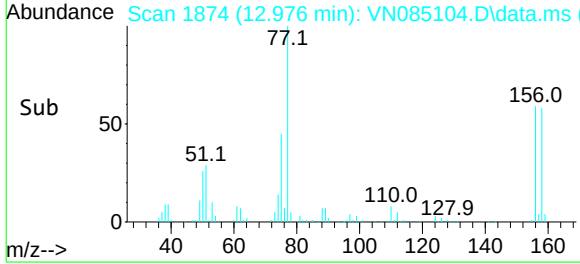
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



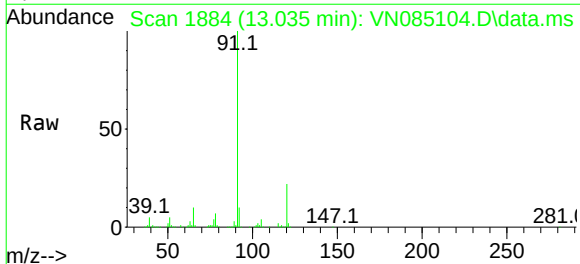
Tgt Ion: 156 Resp: 114004
Ion Ratio Lower Upper
156 100
77 217.2 107.2 321.6
158 95.7 48.5 145.6

Manual Integrations
APPROVED

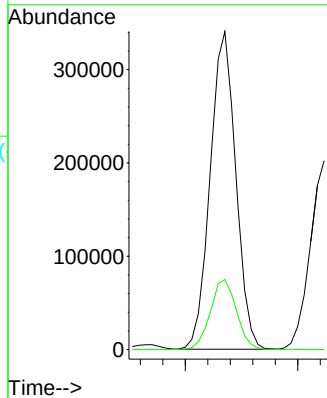
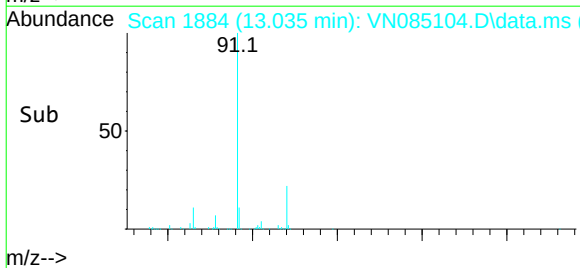
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

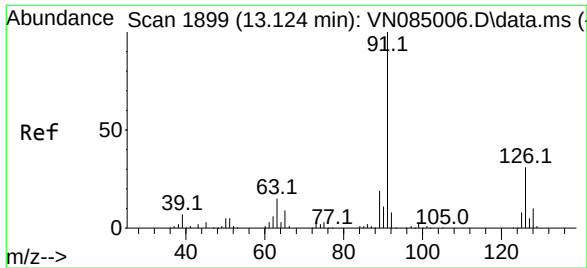


#78
n-propylbenzene
Concen: 56.029 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13



Tgt Ion: 91 Resp: 538561
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





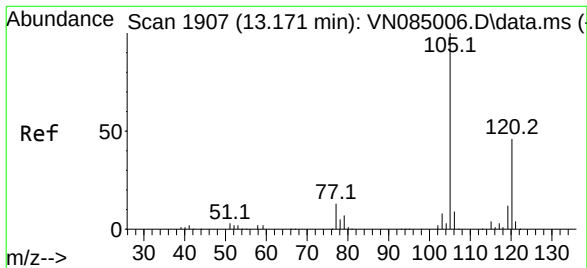
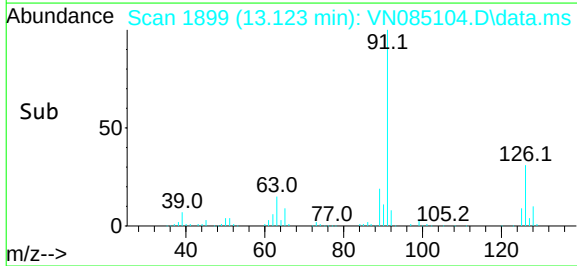
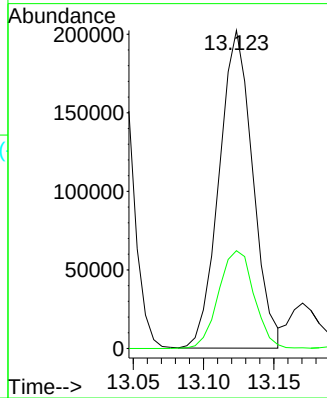
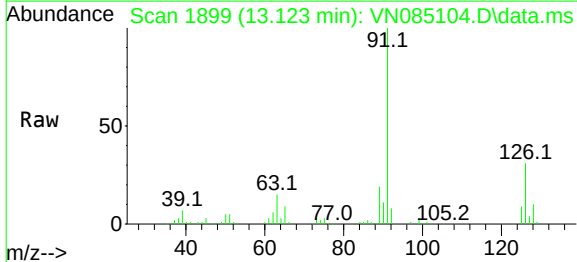
#79
2-Chlorotoluene
Concen: 52.427 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 336401
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3

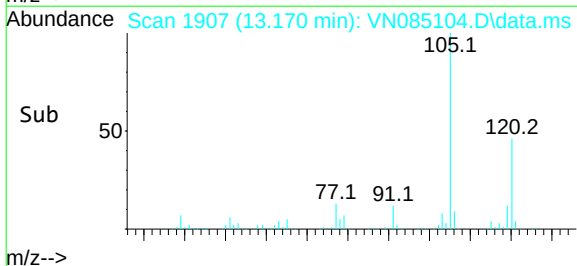
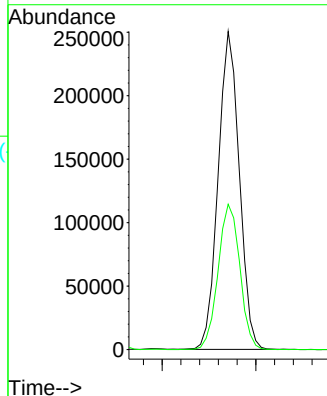
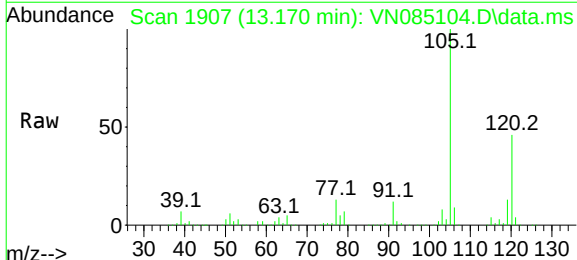
Manual Integrations
APPROVED

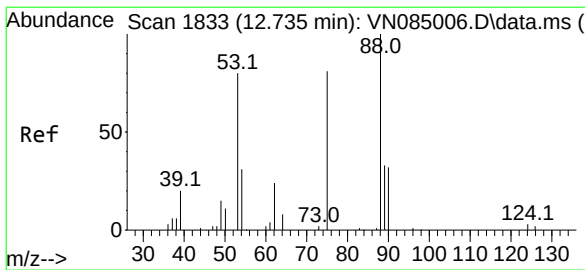
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.225 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:105 Resp: 393179
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.080 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

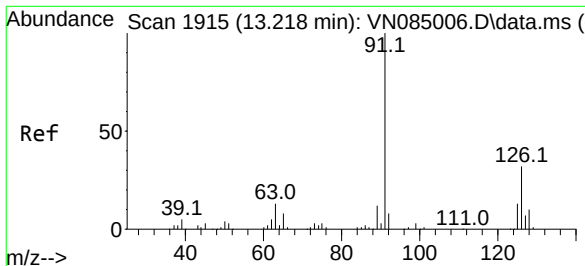
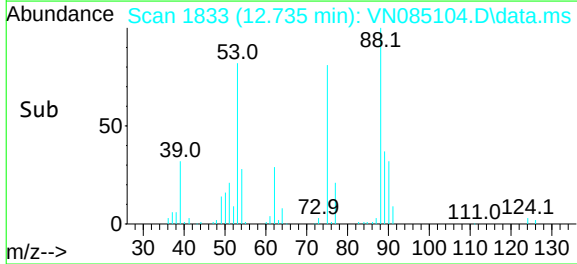
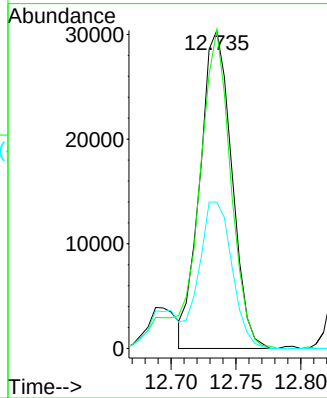
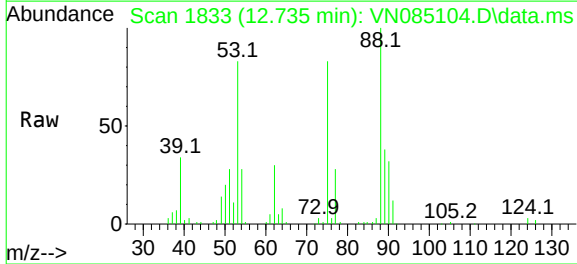
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 51664
Ion Ratio Lower Upper
75 100
53 105.7 78.2 117.4
89 48.3 37.9 56.9

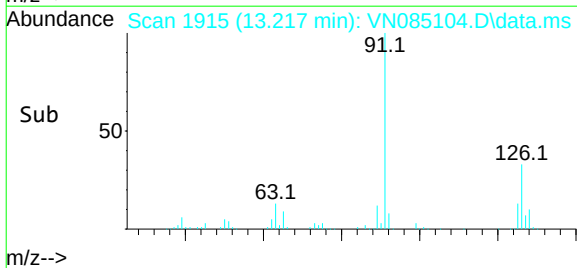
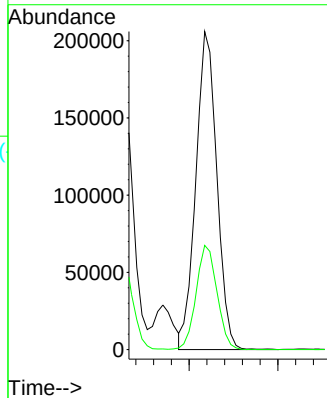
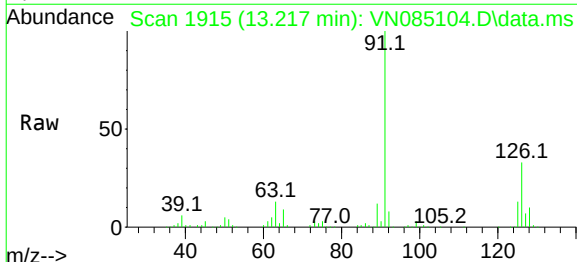
Manual Integrations
APPROVED

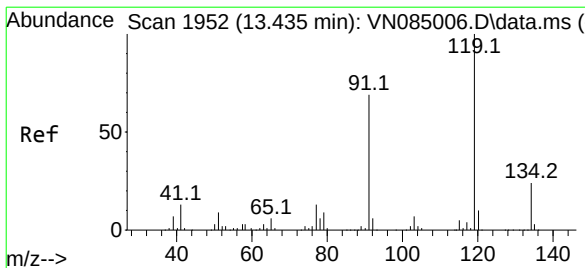
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#82
4-Chlorotoluene
Concen: 50.601 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 91 Resp: 337998
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3





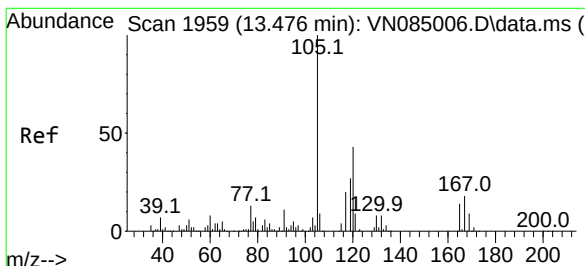
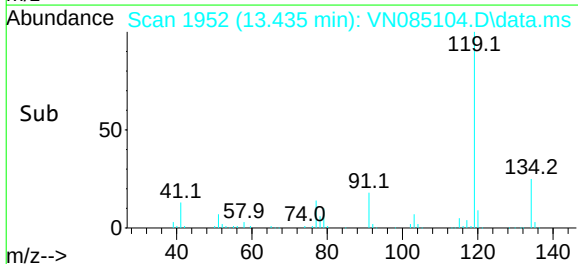
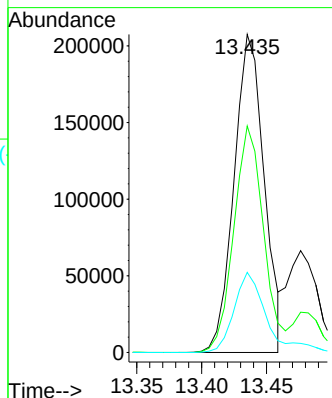
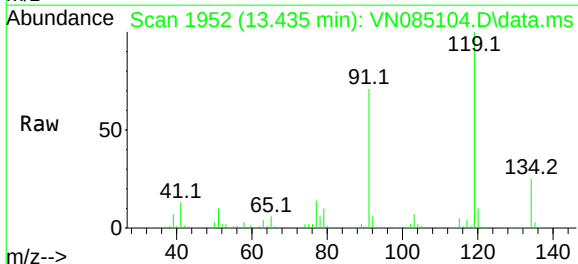
#83
tert-Butylbenzene
Concen: 55.668 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 334949
Ion Ratio Lower Upper
119 100
91 70.5 35.1 105.5
134 27.1 12.1 36.3

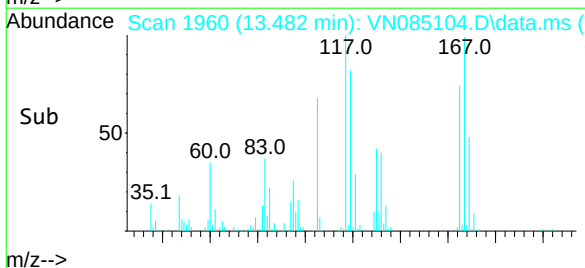
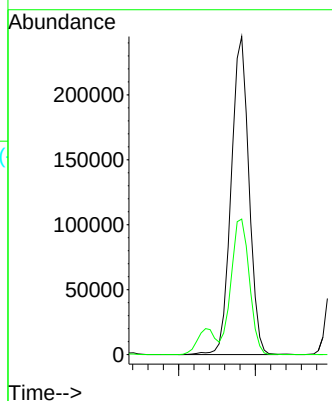
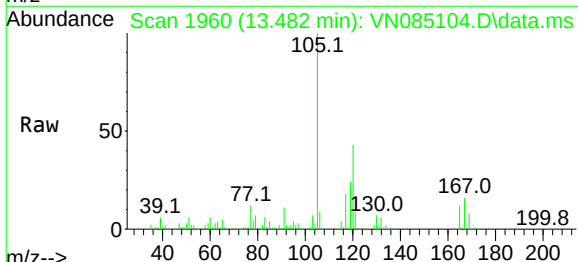
Manual Integrations
APPROVED

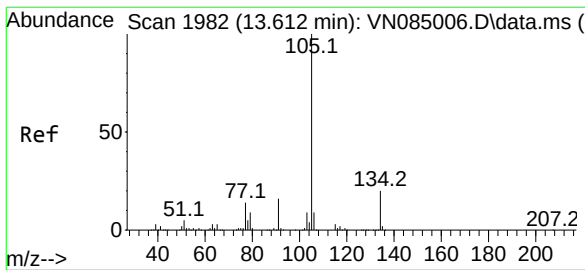
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#84
1,2,4-Trimethylbenzene
Concen: 54.651 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:105 Resp: 393393
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.4





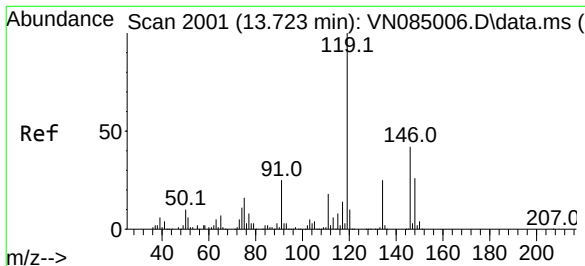
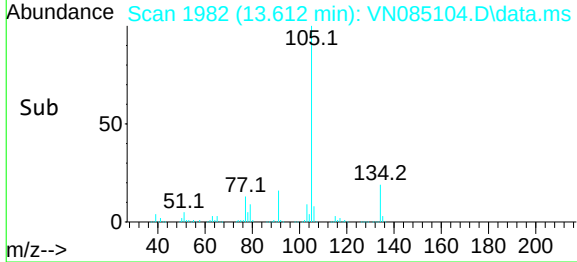
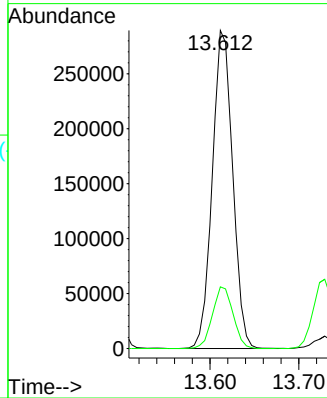
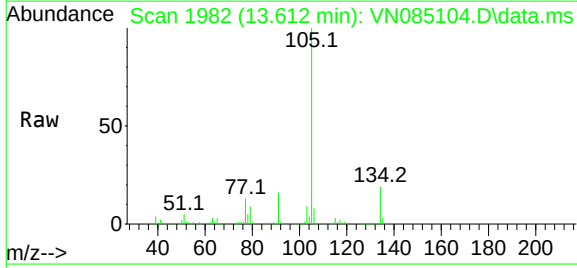
#85
sec-Butylbenzene
Concen: 56.840 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 461993
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.3

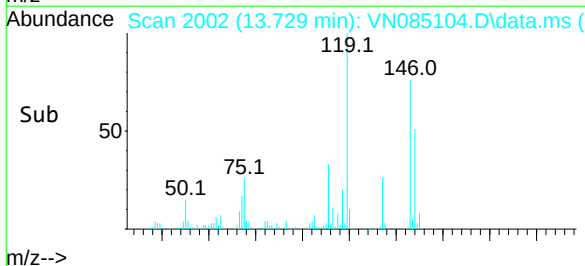
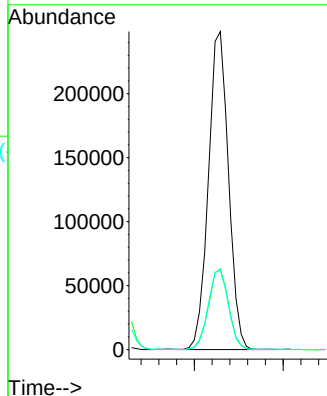
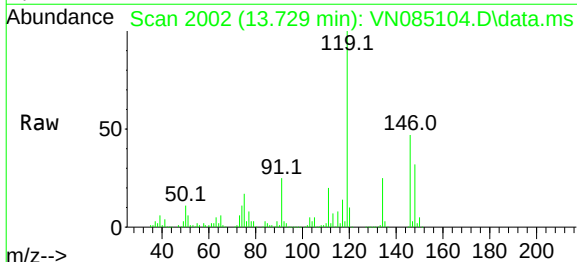
Manual Integrations
APPROVED

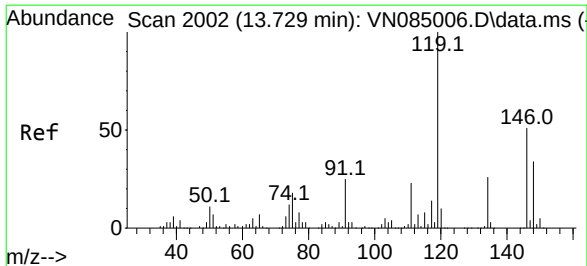
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#86
p-Isopropyltoluene
Concen: 58.179 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

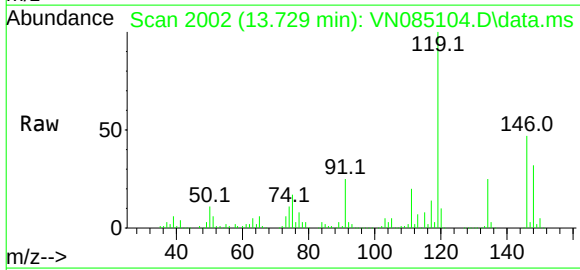
Tgt Ion:119 Resp: 390359
Ion Ratio Lower Upper
119 100
134 25.2 13.0 39.0
91 25.5 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 46.663 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

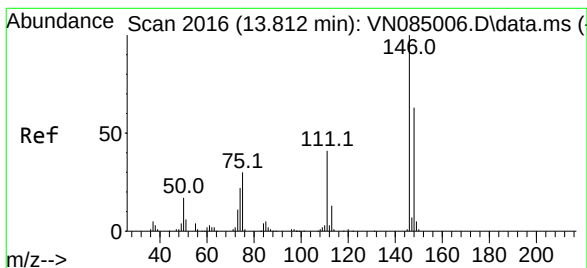
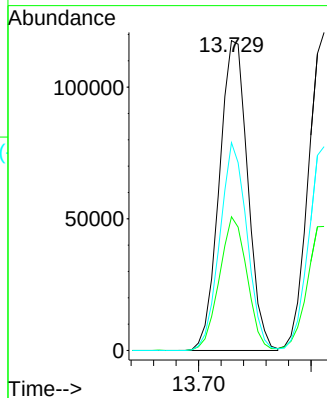
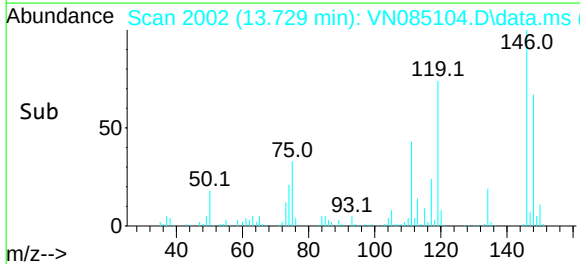
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 206414
Ion Ratio Lower Upper
146 100
111 42.1 21.6 65.0
148 64.2 32.2 96.6

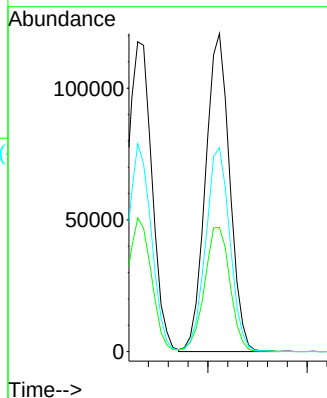
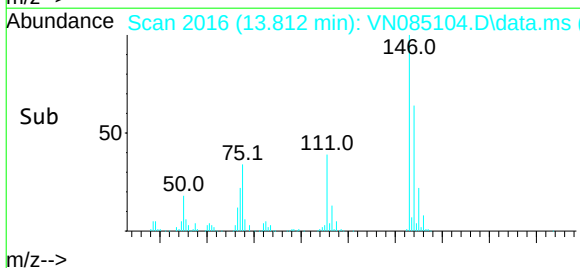
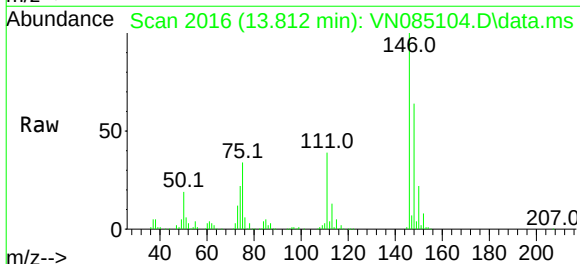
Manual Integrations
APPROVED

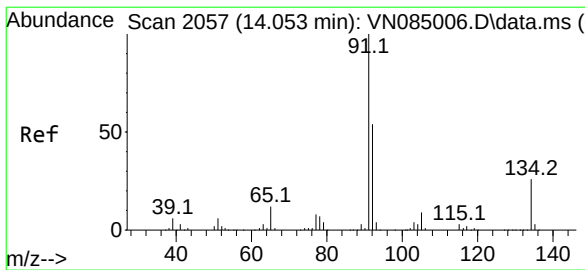
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#88
1,4-Dichlorobenzene
Concen: 45.358 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:146 Resp: 204750
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 64.2 31.3 93.9





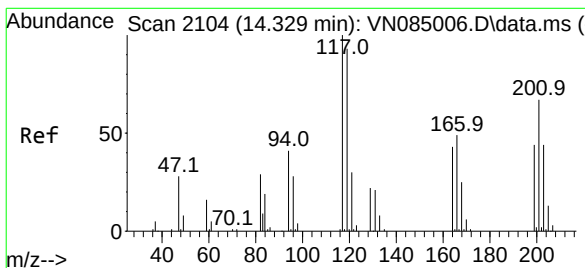
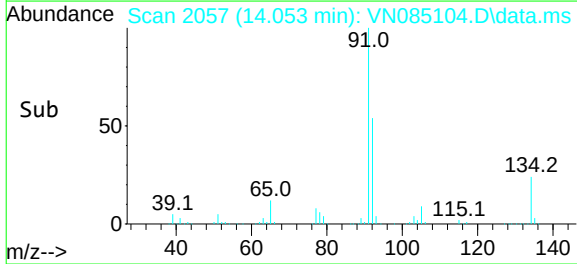
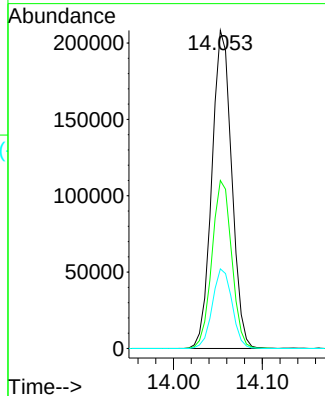
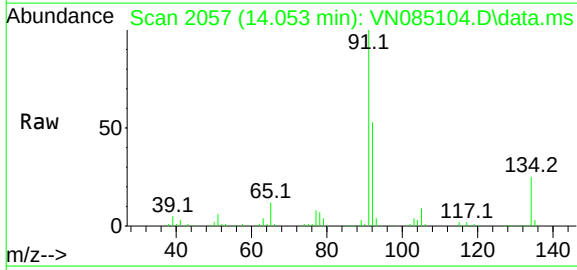
#89
n-Butylbenzene
Concen: 51.896 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	323817
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.3
134	24.9	12.8	38.4

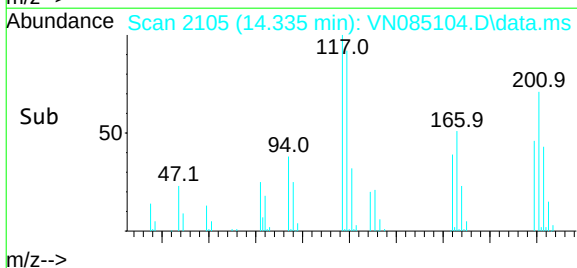
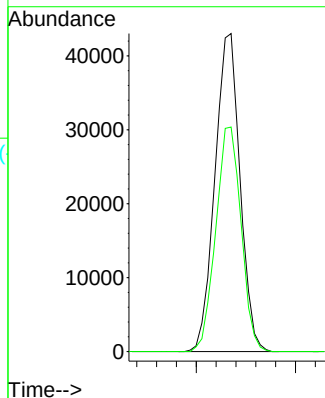
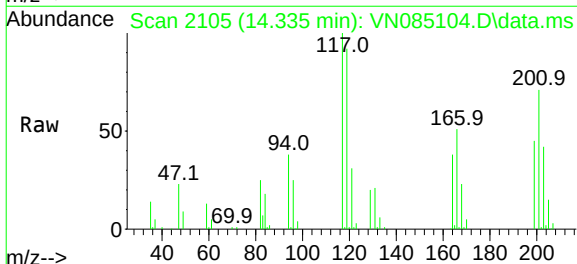
Manual Integrations
APPROVED

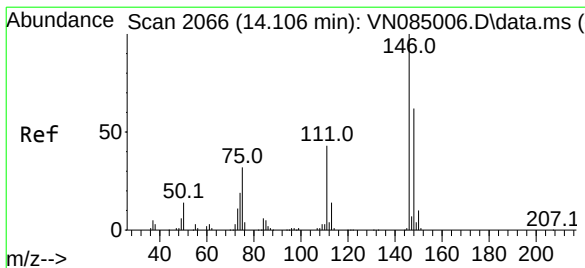
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#90
Hexachloroethane
Concen: 51.719 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion:	117	Resp:	75640
Ion	Ratio	Lower	Upper
117	100		
201	71.2	35.2	105.6





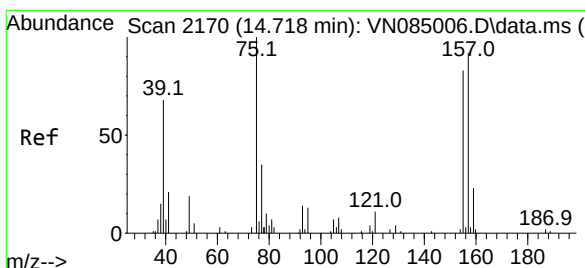
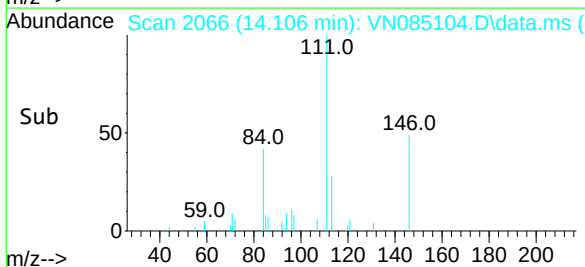
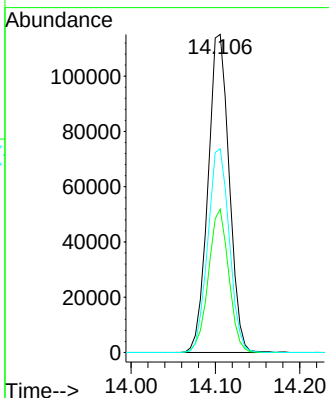
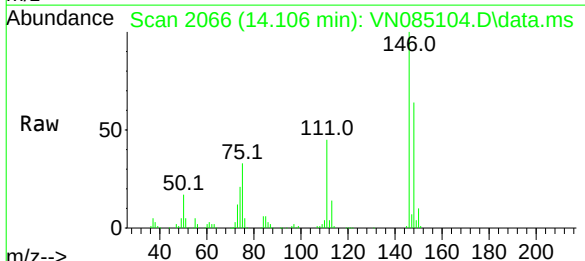
#91
1,2-Dichlorobenzene
Concen: 47.427 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 201032
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.8
148 64.9 31.1 93.2

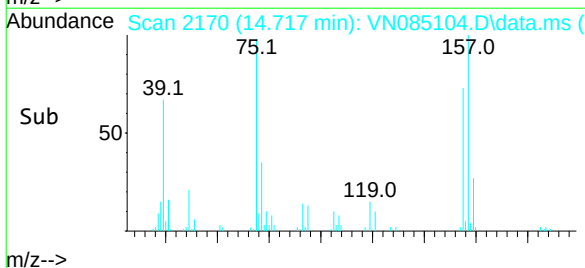
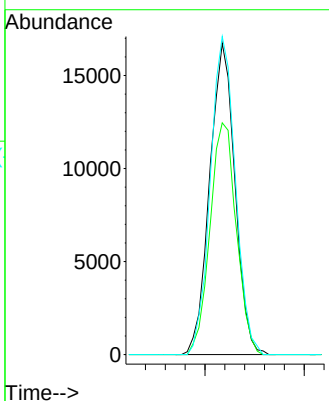
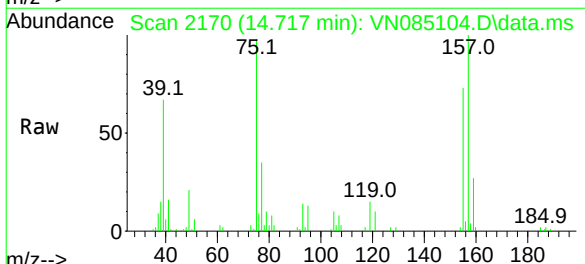
Manual Integrations
APPROVED

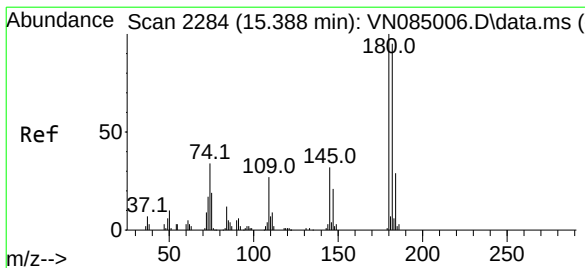
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.743 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085104.D
Acq: 04 Dec 2024 19:13

Tgt Ion: 75 Resp: 29574
Ion Ratio Lower Upper
75 100
155 77.3 38.9 116.7
157 101.0 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 45.904 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

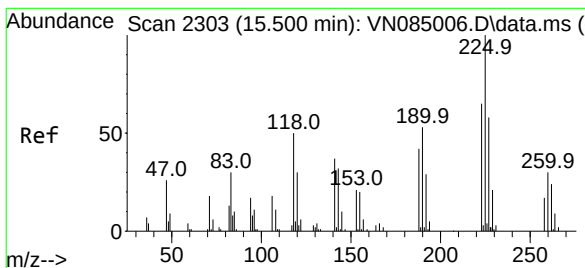
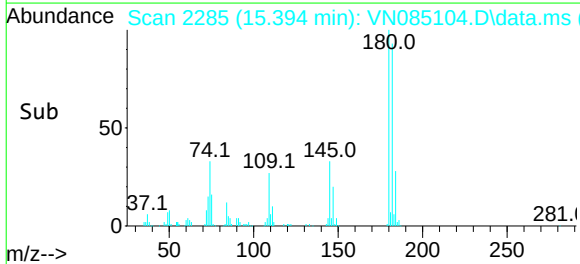
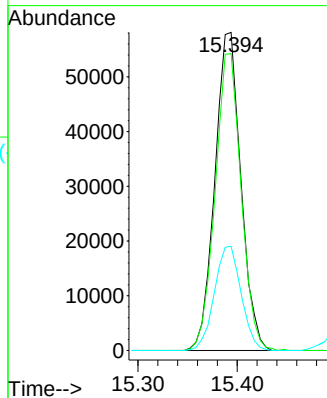
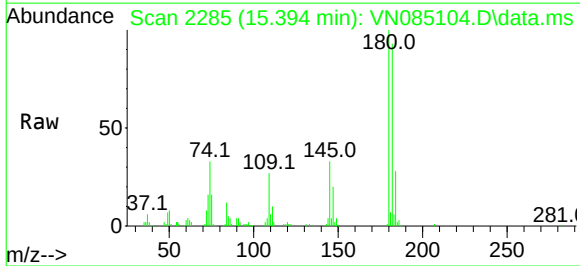
Tgt Ion:	180	Resp:	105708
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.9	140.8
145	33.7	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#94

Hexachlorobutadiene

Concen: 45.213 ug/l

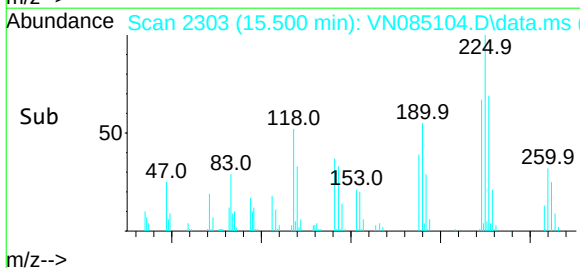
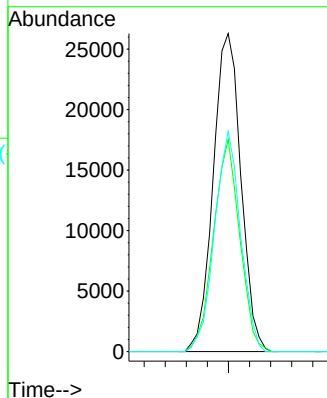
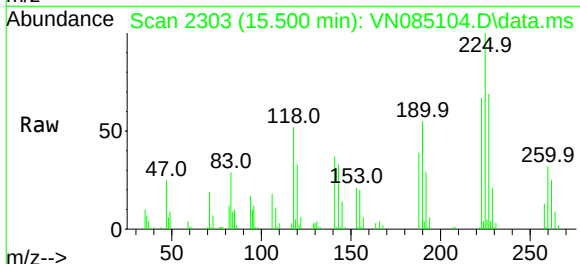
RT: 15.500 min Scan# 2303

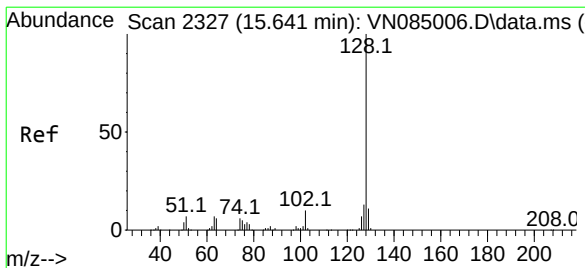
Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Tgt Ion:	225	Resp:	48051
Ion Ratio	Lower	Upper	
225	100		
223	63.0	30.9	92.8
227	64.9	31.5	94.5





#95

Naphthalene

Concen: 53.122 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

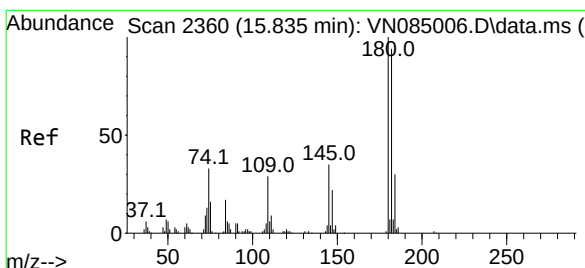
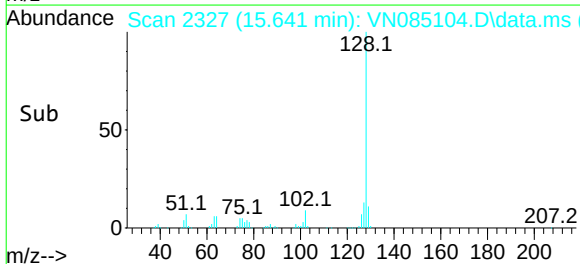
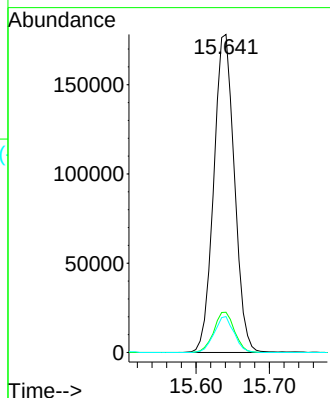
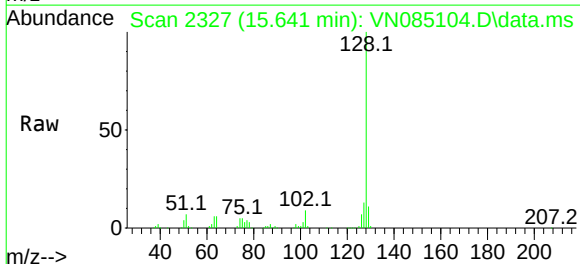
Tgt Ion:	128	Resp:	348411
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.009 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085104.D

Acq: 04 Dec 2024 19:13

Tgt Ion:	180	Resp:	105488
Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.4	139.2
145	35.3	17.3	52.0

