

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084526.D
 Acq On : 25 Oct 2024 19:13
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 25 23:38:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122767	49.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.280%
35) Dibromofluoromethane	8.165	113	98679	52.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.565	98	356900	51.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.847	95	133768	52.811	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	72195	36.594	ug/l	94
3) Chloromethane	2.365	50	88344	39.218	ug/l	99
4) Vinyl Chloride	2.518	62	91591	41.975	ug/l	95
5) Bromomethane	2.948	94	56745	39.426	ug/l	99
6) Chloroethane	3.118	64	62116	39.749	ug/l	92
7) Trichlorofluoromethane	3.501	101	161924	47.655	ug/l	95
8) Diethyl Ether	3.965	74	59289	47.048	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	93993	48.278	ug/l	99
10) Methyl Iodide	4.589	142	117205	46.747	ug/l	95
11) Tert butyl alcohol	5.518	59	88149	216.174	ug/l	99
12) 1,1-Dichloroethene	4.342	96	87574	46.634	ug/l	95
13) Acrolein	4.183	56	104358	222.928	ug/l	100
14) Allyl chloride	5.024	41	140102	42.957	ug/l	98
15) Acrylonitrile	5.718	53	255442	248.067	ug/l	99
16) Acetone	4.424	43	213314	200.799	ug/l	98
17) Carbon Disulfide	4.712	76	228560	38.442	ug/l	99
18) Methyl Acetate	5.024	43	114869	49.611	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	319035	50.335	ug/l	96
20) Methylene Chloride	5.277	84	106437	49.288	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	93864	47.709	ug/l	98
22) Diisopropyl ether	6.671	45	344942	51.132	ug/l	99
23) Vinyl Acetate	6.600	43	1230781	245.982	ug/l	100
24) 1,1-Dichloroethane	6.571	63	192358	50.989	ug/l	100
25) 2-Butanone	7.483	43	334778	231.376	ug/l	99
26) 2,2-Dichloropropane	7.488	77	153197	45.038	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	121267	51.007	ug/l	96
28) Bromochloromethane	7.818	49	83192	49.424	ug/l	95
29) Tetrahydrofuran	7.841	42	222275	248.934	ug/l	99
30) Chloroform	7.965	83	203952	52.045	ug/l	97
31) Cyclohexane	8.253	56	154232	42.106	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	178226	50.640	ug/l	100
36) 1,1-Dichloropropene	8.371	75	136786	49.831	ug/l	99
37) Ethyl Acetate	7.559	43	140540	49.906	ug/l	99
38) Carbon Tetrachloride	8.359	117	152192	50.544	ug/l	97
39) Methylcyclohexane	9.600	83	142779	46.735	ug/l	98
40) Benzene	8.606	78	434246	50.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78193	51.145	ug/l	97
42) 1,2-Dichloroethane	8.671	62	148069	51.069	ug/l	99
43) Isopropyl Acetate	8.688	43	233167	42.271	ug/l	97
44) Trichloroethene	9.347	130	100781	50.453	ug/l	97
45) 1,2-Dichloropropane	9.624	63	109028	53.889	ug/l	96
46) Dibromomethane	9.706	93	75789	55.510	ug/l	99
47) Bromodichloromethane	9.888	83	161891	53.371	ug/l #	99
48) Methyl methacrylate	9.682	41	109954	50.076	ug/l	97
49) 1,4-Dioxane	9.694	88	39891	986.815	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	709816	264.775	ug/l	99
52) Toluene	10.629	92	273057	52.357	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	161025	52.078	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	171984	51.711	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	102513	54.831	ug/l	96
56) Ethyl methacrylate	10.871	69	165239	53.712	ug/l	97
57) 1,3-Dichloropropane	11.165	76	179630	53.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	370569	259.663	ug/l	98
59) 2-Hexanone	11.194	43	521492	260.266	ug/l	98
60) Dibromochloromethane	11.359	129	124112	56.184	ug/l	99
61) 1,2-Dibromoethane	11.465	107	103132	53.087	ug/l	99
64) Tetrachloroethene	11.100	164	90687	50.022	ug/l	97
65) Chlorobenzene	11.888	112	292777	50.731	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	105641	53.144	ug/l	98
67) Ethyl Benzene	11.959	91	532113	52.136	ug/l	99
68) m/p-Xylenes	12.071	106	408093	108.094	ug/l	98
69) o-Xylene	12.400	106	195654	54.776	ug/l	98
70) Styrene	12.412	104	334901	55.354	ug/l	99
71) Bromoform	12.576	173	80145	54.763	ug/l #	99
73) Isopropylbenzene	12.694	105	497663	47.706	ug/l	99
74) N-amyl acetate	12.494	43	214096	45.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	150561	47.998	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	192225	68.876	ug/l	63
77) Bromobenzene	12.976	156	118604	47.134	ug/l	97
78) n-propylbenzene	13.035	91	596232	49.330	ug/l	100
79) 2-Chlorotoluene	13.123	91	363962	47.192	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	425766	50.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50296	43.206	ug/l	98
82) 4-Chlorotoluene	13.217	91	368750	47.496	ug/l	99
83) tert-Butylbenzene	13.435	119	359032	47.471	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	432987	50.510	ug/l	99
85) sec-Butylbenzene	13.612	105	497624	49.306	ug/l	100
86) p-Isopropyltoluene	13.729	119	416390	49.893	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	222126	47.055	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	223979	46.984	ug/l	99
89) n-Butylbenzene	14.053	91	354026	46.782	ug/l	100
90) Hexachloroethane	14.329	117	75508	44.573	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	218768	47.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28530	44.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	103896	45.570	ug/l	99
94) Hexachlorobutadiene	15.500	225	46312	40.733	ug/l	98
95) Naphthalene	15.641	128	333714	44.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	103160	45.202	ug/l	100

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Instrument :
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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

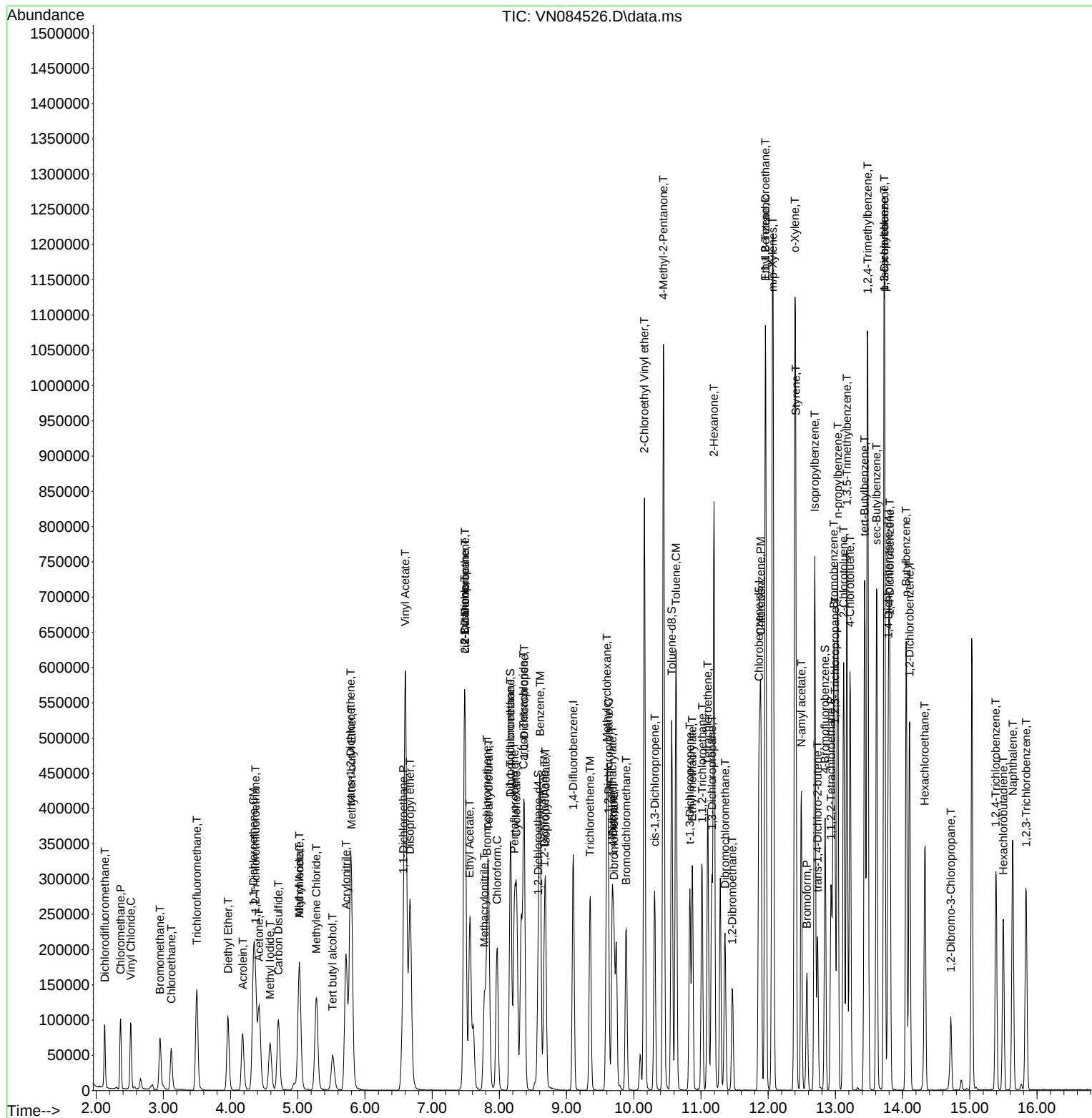
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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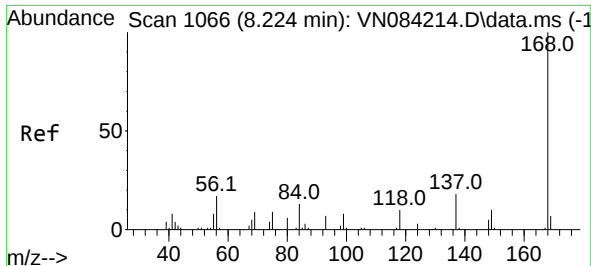
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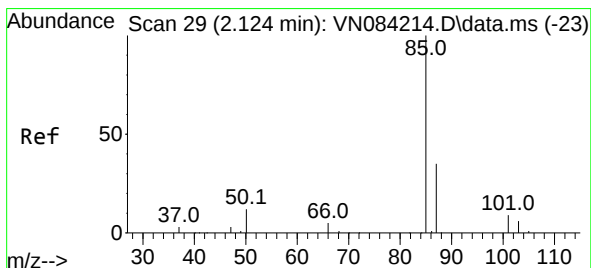
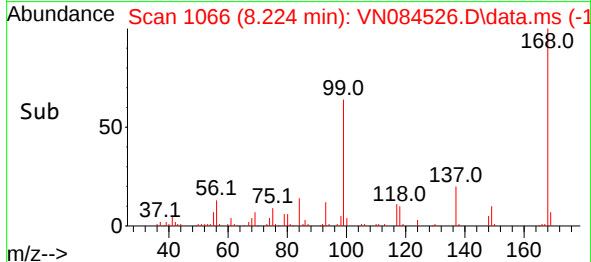
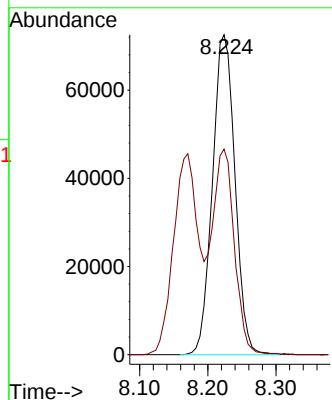
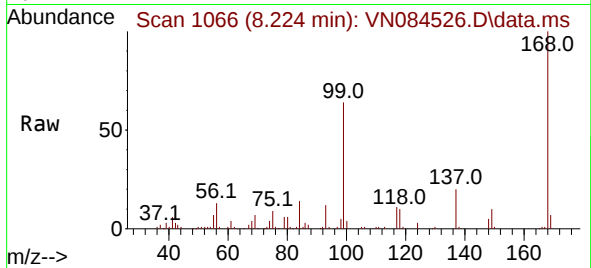




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
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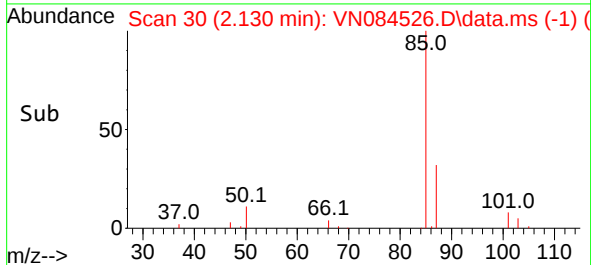
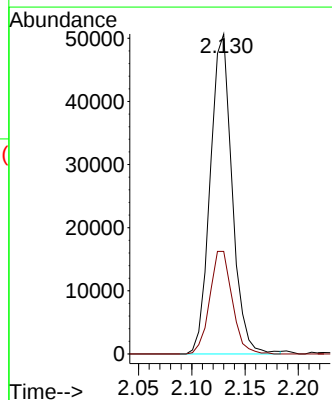
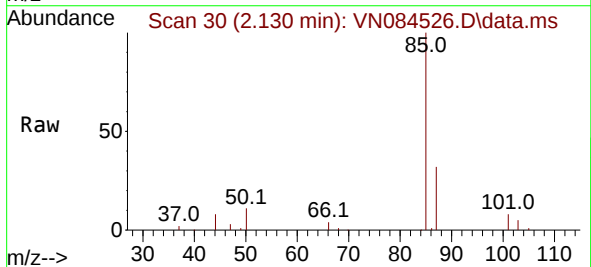
Instrument :
MSVOA_N
ClientSampleId :
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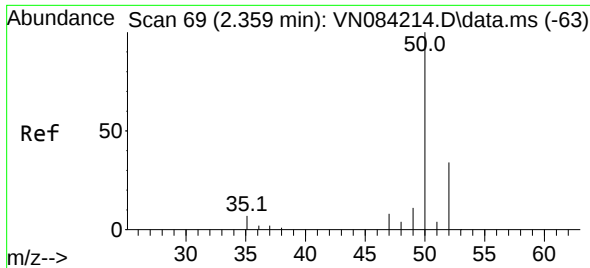
Tgt Ion:168 Resp: 166788
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 36.594 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 85 Resp: 72195
Ion Ratio Lower Upper
85 100
87 32.1 17.6 52.9

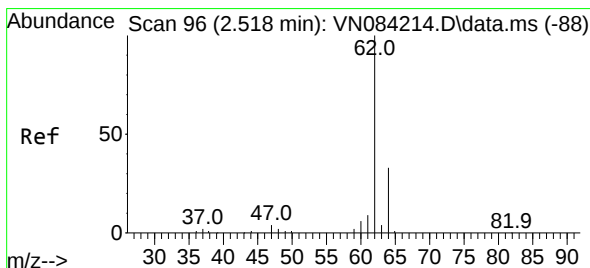
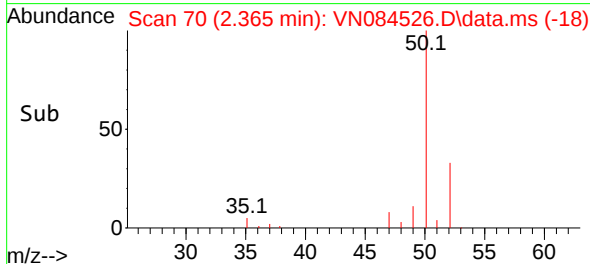
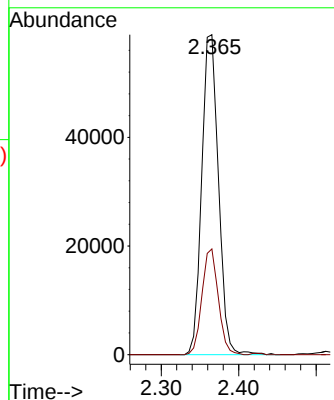
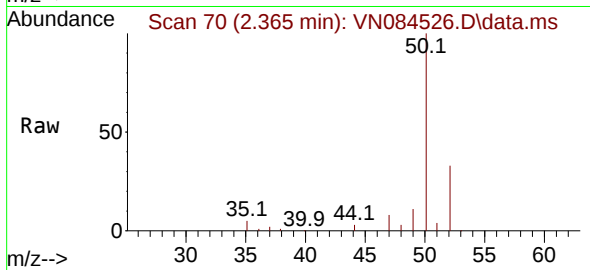




#3
Chloromethane
Concen: 39.218 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

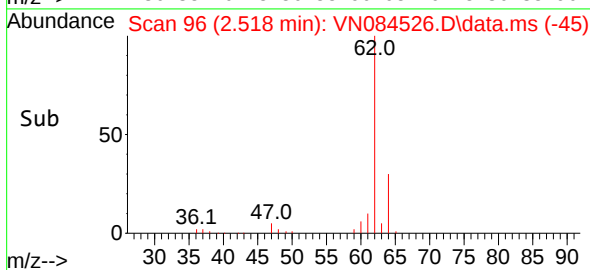
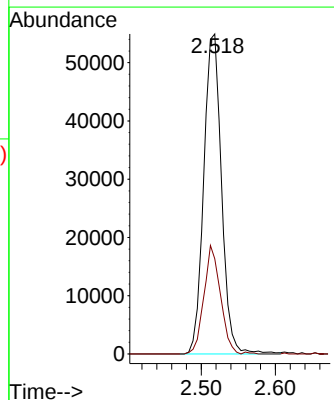
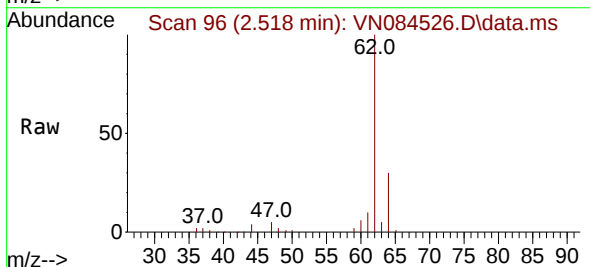
Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 88344
Ion Ratio Lower Upper
50 100
52 33.1 26.8 40.2



#4
Vinyl Chloride
Concen: 41.975 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 62 Resp: 91591
Ion Ratio Lower Upper
62 100
64 29.8 26.2 39.4

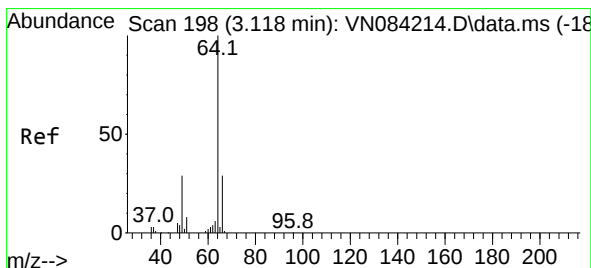
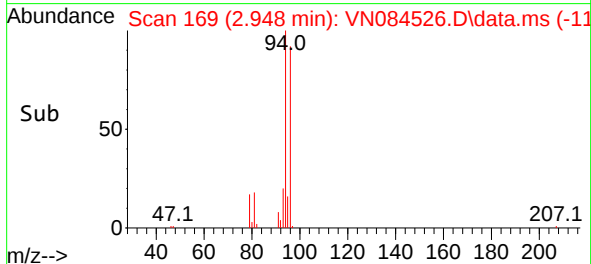
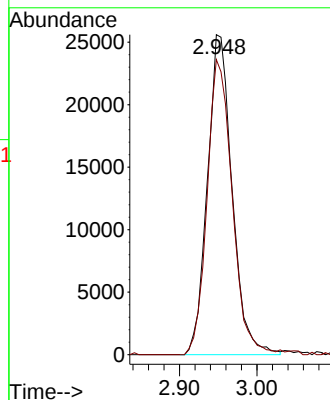
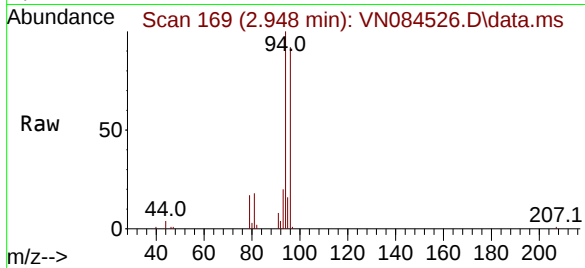




#5
Bromomethane
Concen: 39.426 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084526.D
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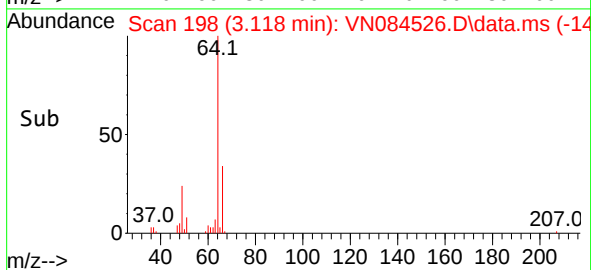
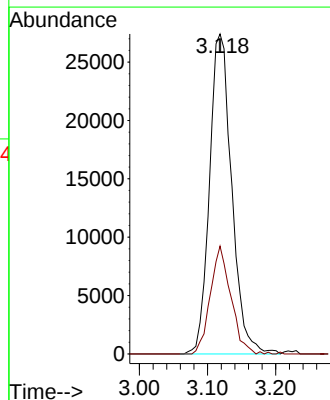
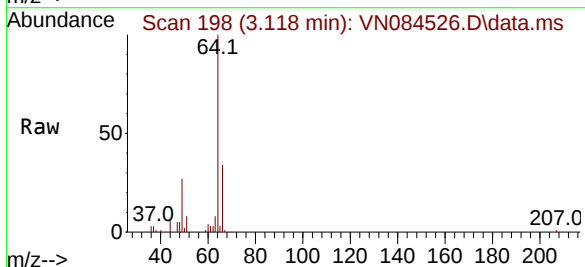
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 56745
Ion Ratio Lower Upper
94 100
96 92.2 72.9 109.3



#6
Chloroethane
Concen: 39.749 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 64 Resp: 62116
Ion Ratio Lower Upper
64 100
66 33.7 23.5 35.3

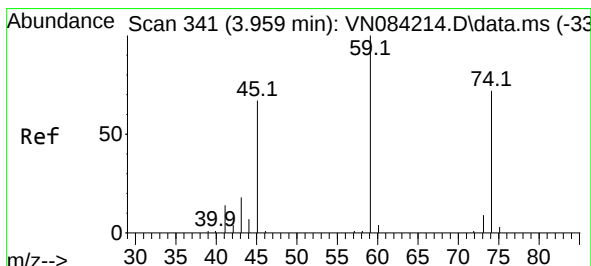
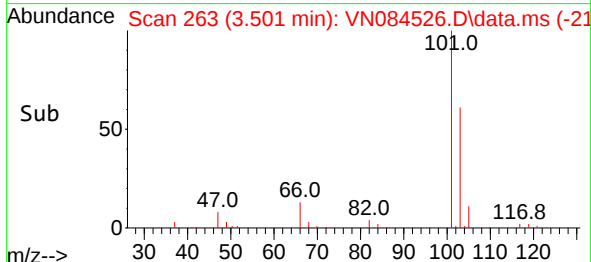
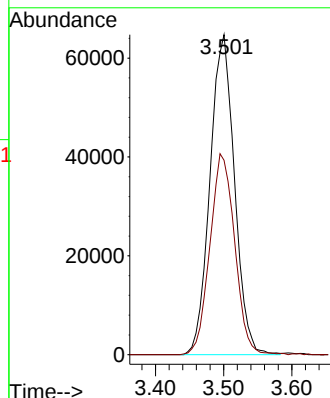
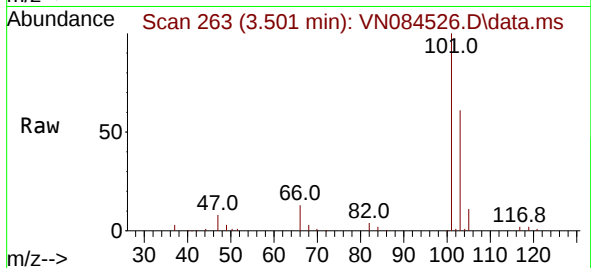




#7
Trichlorofluoromethane
Concen: 47.655 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

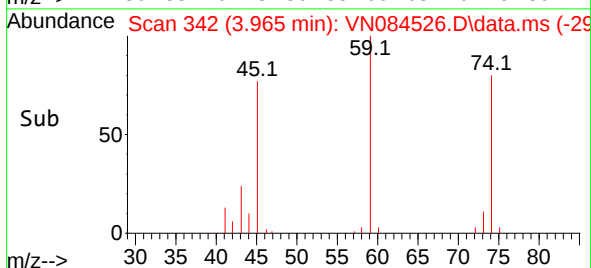
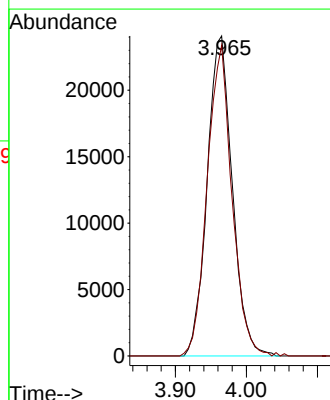
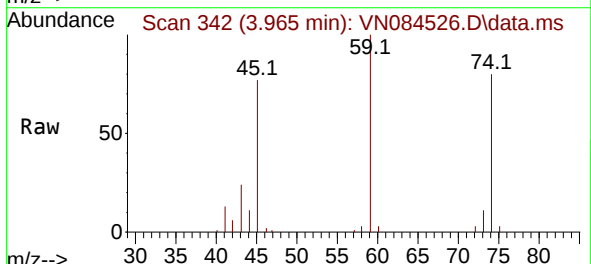
Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 161924
Ion Ratio Lower Upper
101 100
103 60.7 51.8 77.6



#8
Diethyl Ether
Concen: 47.048 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 74 Resp: 59289
Ion Ratio Lower Upper
74 100
45 95.5 47.7 143.1

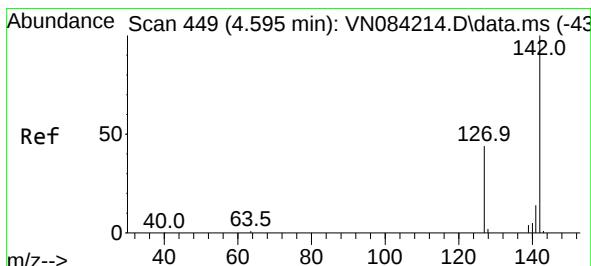
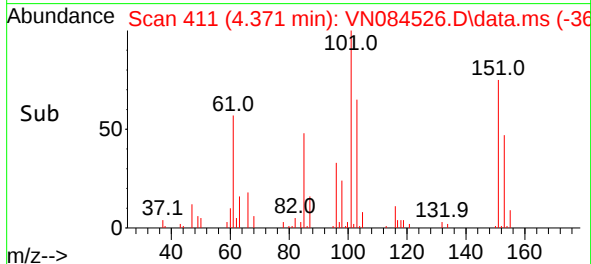
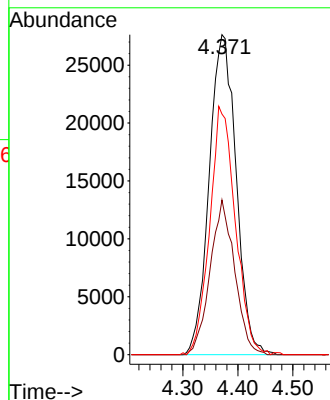
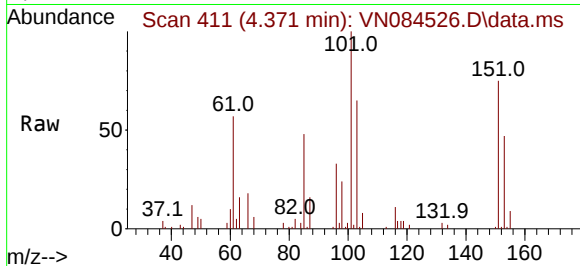




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.278 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084526.D
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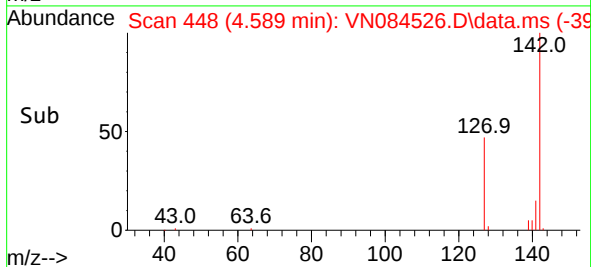
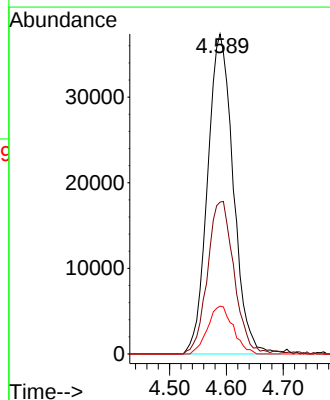
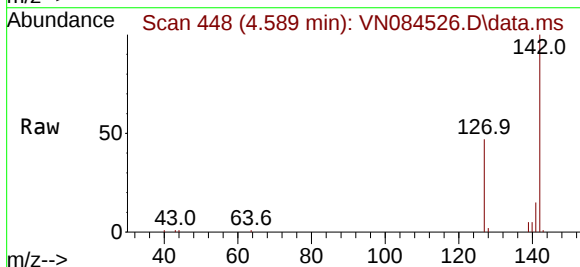
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 93993
Ion Ratio Lower Upper
101 100
85 44.1 36.2 54.4
151 74.1 59.3 88.9



#10
Methyl Iodide
Concen: 46.747 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:142 Resp: 117205
Ion Ratio Lower Upper
142 100
127 47.5 35.3 52.9
141 14.9 11.0 16.6

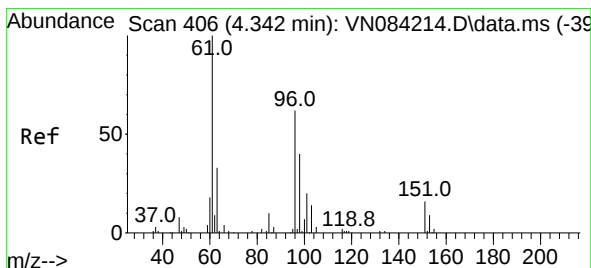
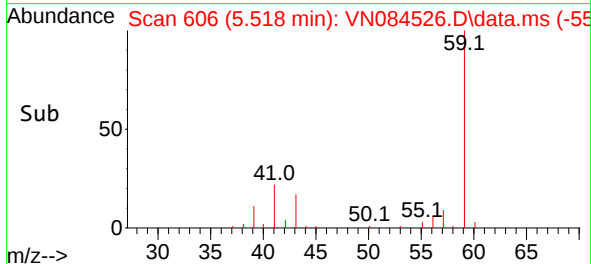
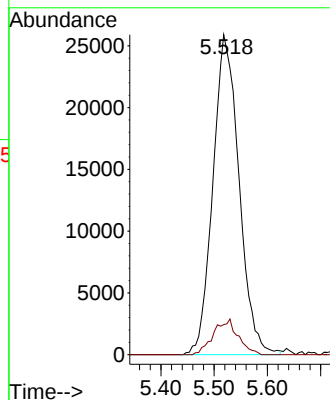
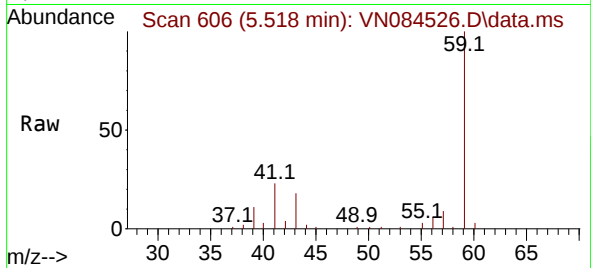




#11
Tert butyl alcohol
Concen: 216.174 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

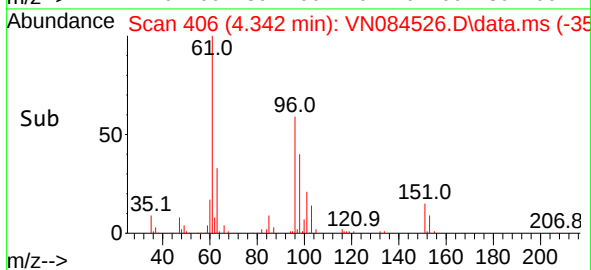
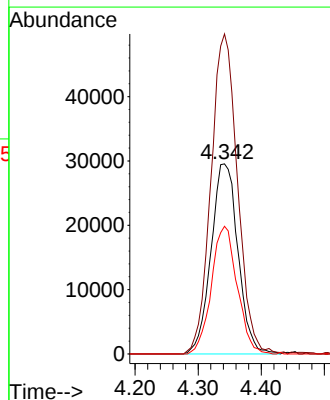
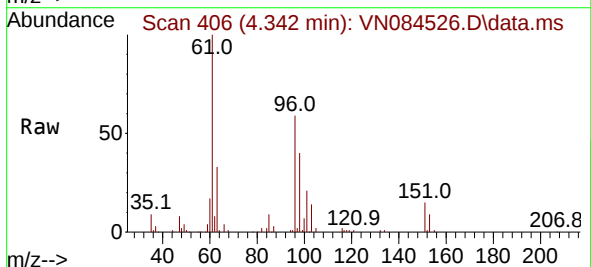
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

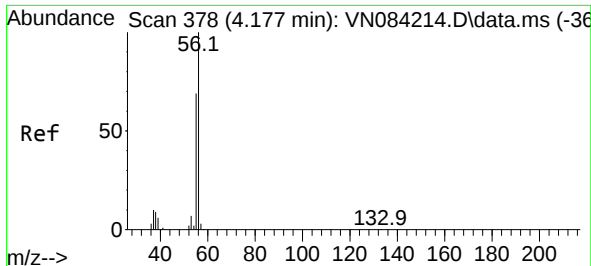
Tgt Ion: 59 Resp: 88149
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.634 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 96 Resp: 87574
Ion Ratio Lower Upper
96 100
61 168.3 128.6 192.8
98 67.2 51.7 77.5





#13

Acrolein

Concen: 222.928 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

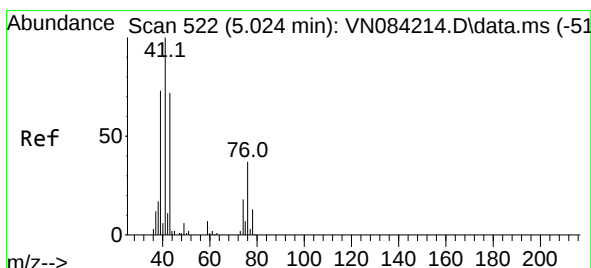
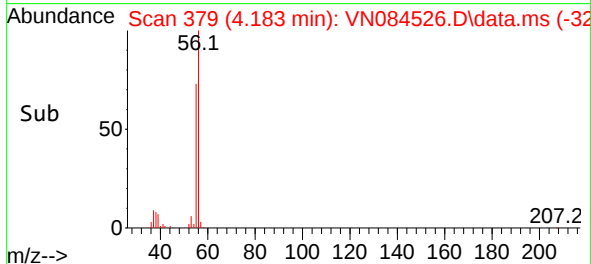
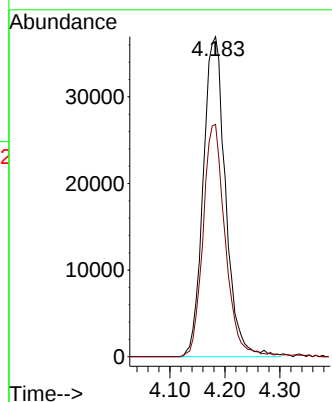
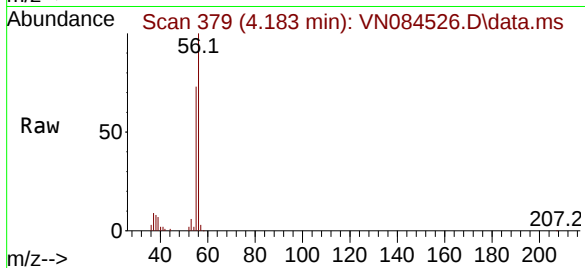
VSTDCCC050EC

Tgt Ion: 56 Resp: 104358

Ion Ratio Lower Upper

56 100

55 71.7 57.2 85.8



#14

Allyl chloride

Concen: 42.957 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

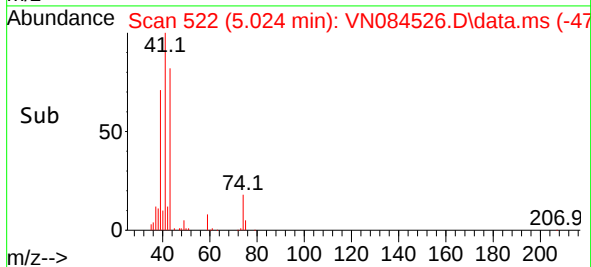
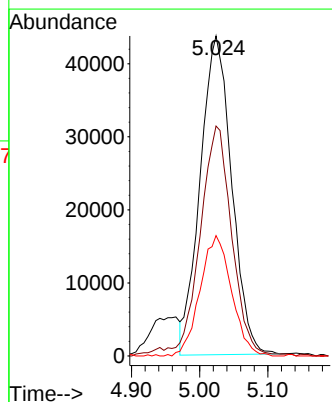
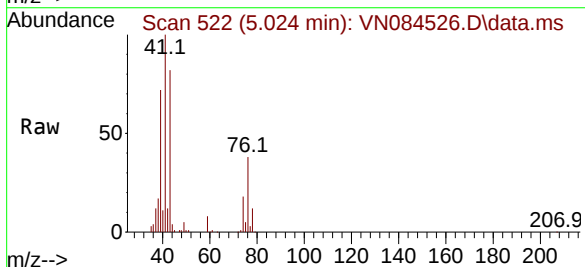
Tgt Ion: 41 Resp: 140102

Ion Ratio Lower Upper

41 100

39 71.9 59.0 88.6

76 37.7 29.8 44.6

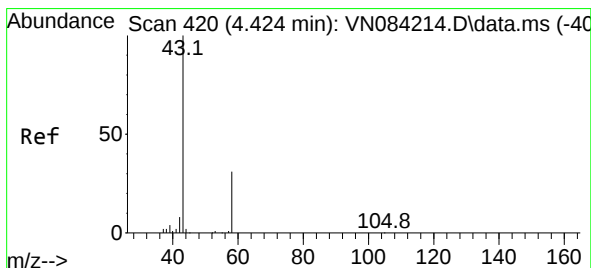
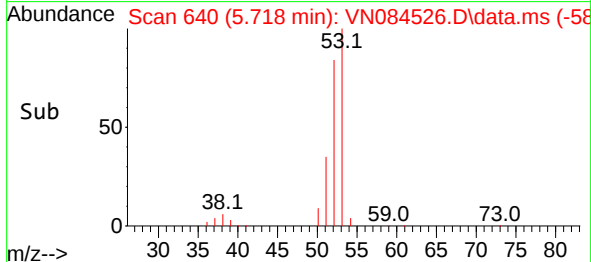
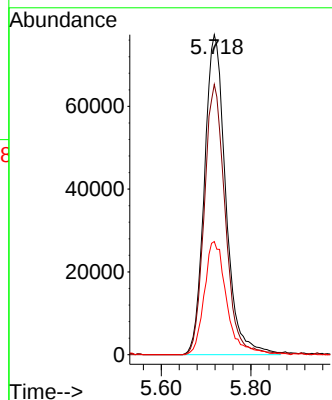
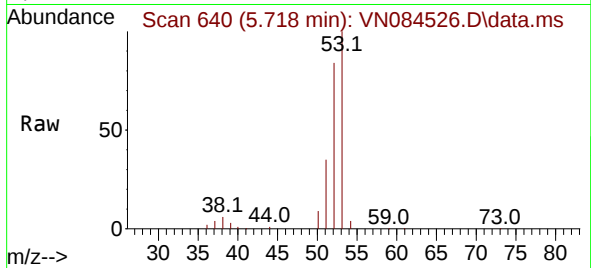




#15
Acrylonitrile
Concen: 248.067 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

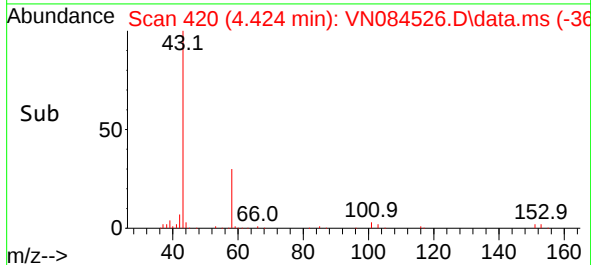
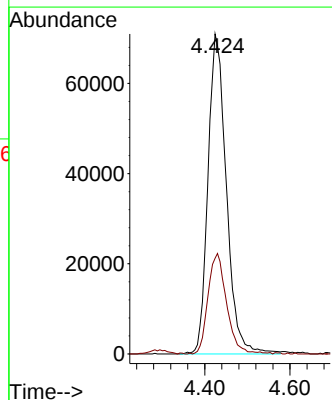
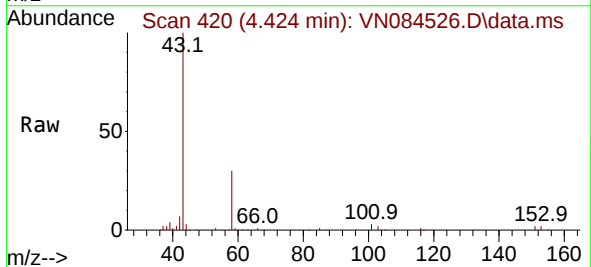
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

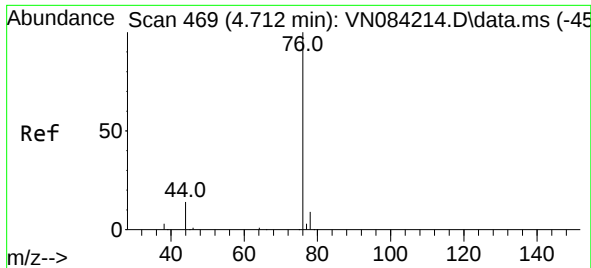
Tgt Ion: 53 Resp: 255442
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.4
51 37.2 28.8 43.2



#16
Acetone
Concen: 200.799 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 43 Resp: 213314
Ion Ratio Lower Upper
43 100
58 29.6 24.4 36.6

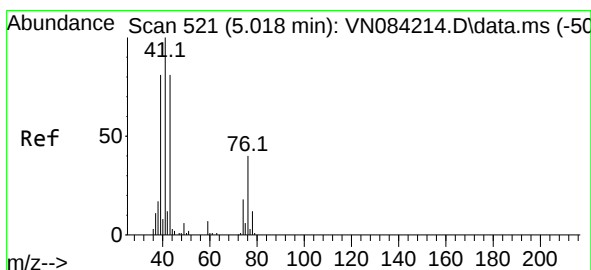
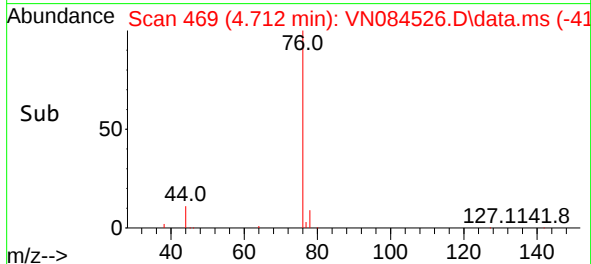
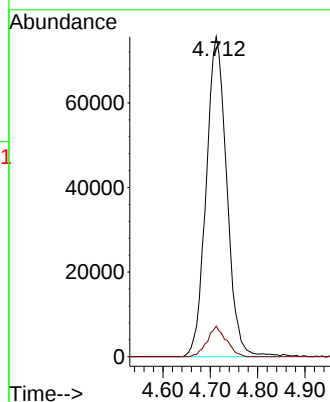
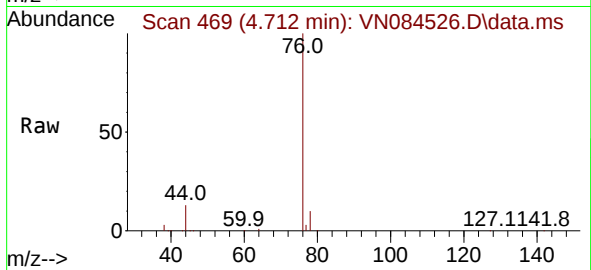




#17
Carbon Disulfide
Concen: 38.442 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

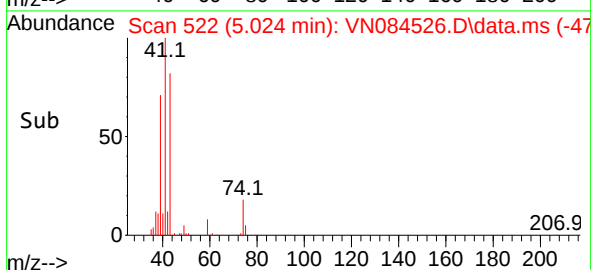
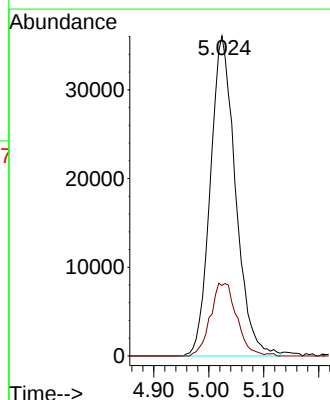
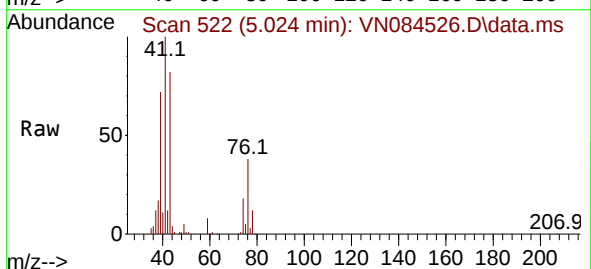
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 228560
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 49.611 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 43 Resp: 114869
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

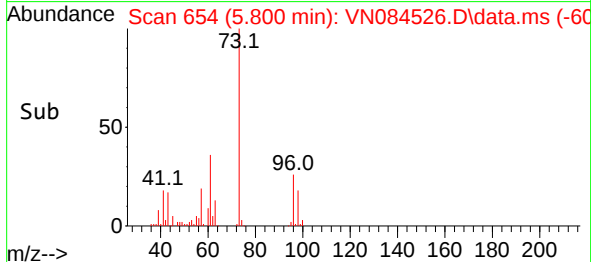
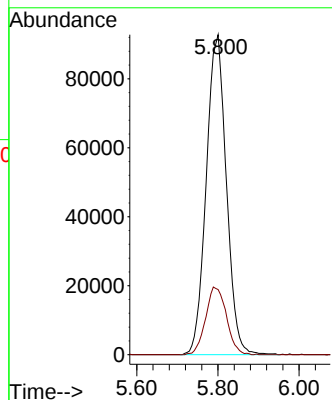
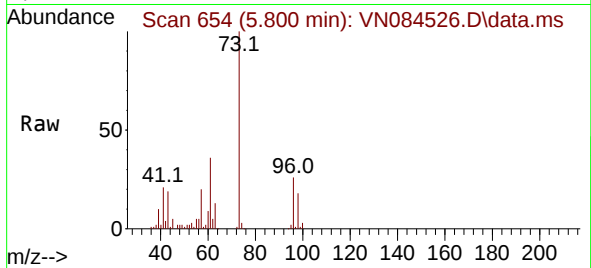




#19
Methyl tert-butyl Ether
Concen: 50.335 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

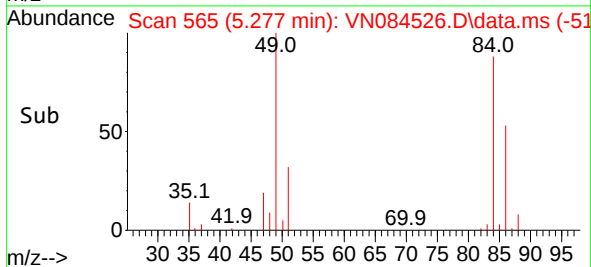
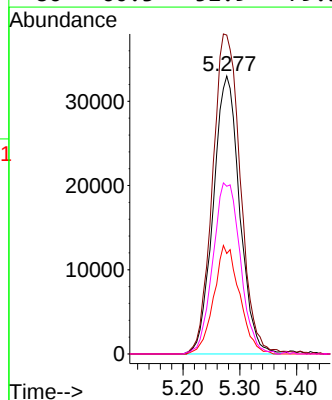
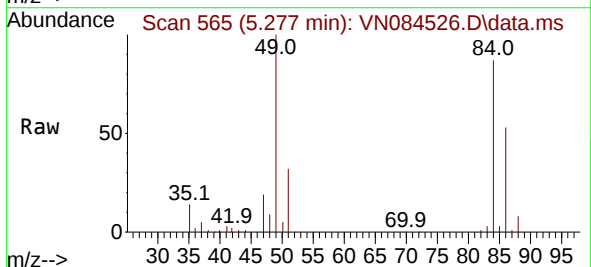
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

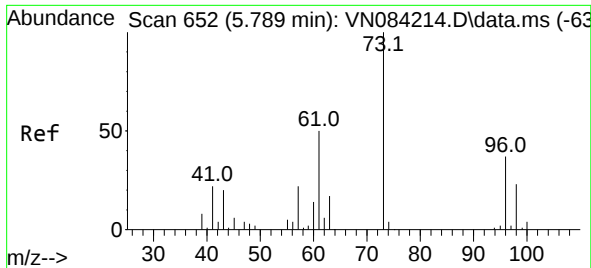
Tgt Ion: 73 Resp: 319035
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 49.288 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 84 Resp: 106437
Ion Ratio Lower Upper
84 100
49 114.7 107.2 160.8
51 36.2 31.8 47.8
86 60.3 52.9 79.3

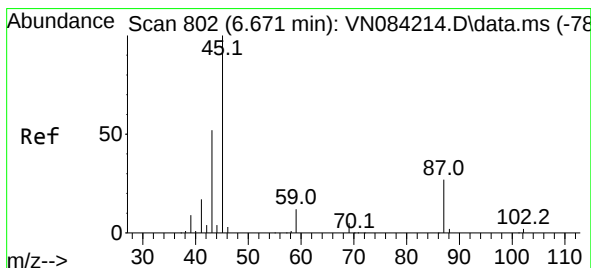
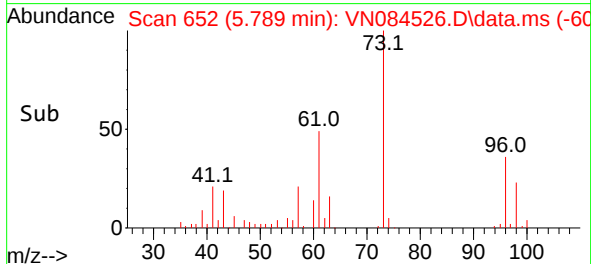
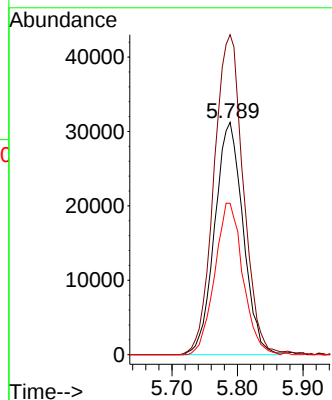
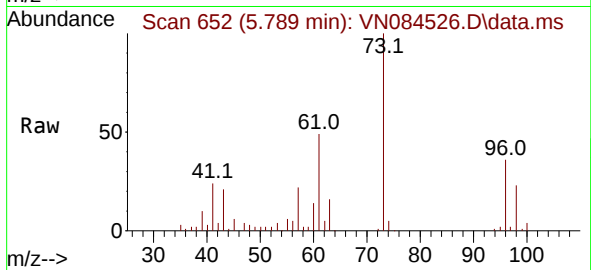




#21
trans-1,2-Dichloroethene
Concen: 47.709 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

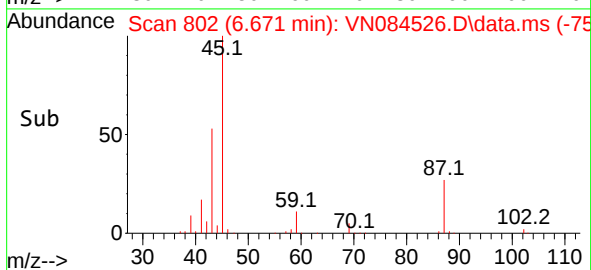
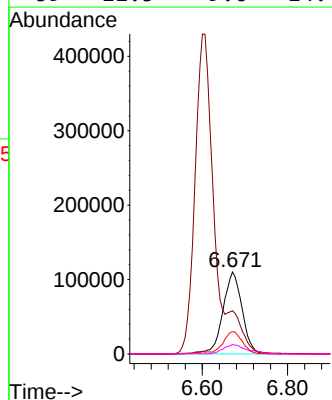
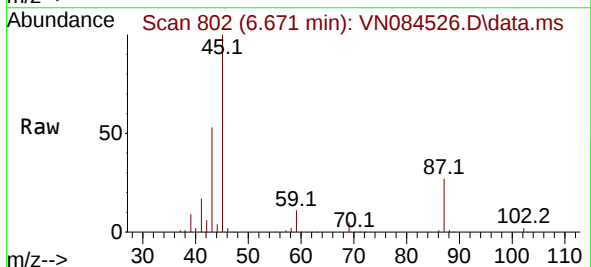
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

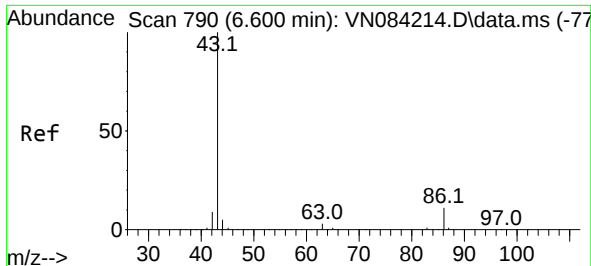
Tgt Ion: 96 Resp: 93864
Ion Ratio Lower Upper
96 100
61 137.8 108.4 162.6
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 51.132 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 45 Resp: 344942
Ion Ratio Lower Upper
45 100
43 51.9 42.3 63.5
87 27.2 21.8 32.6
59 11.5 9.6 14.4

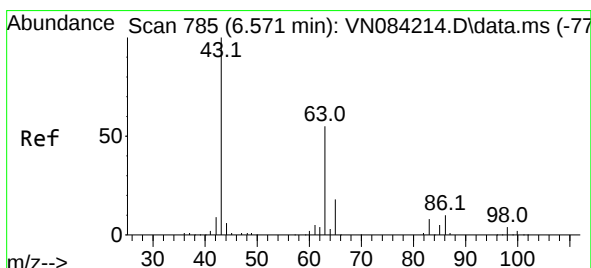
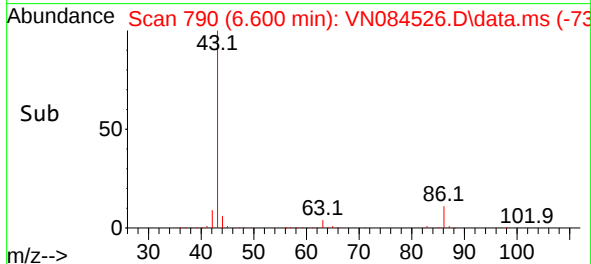
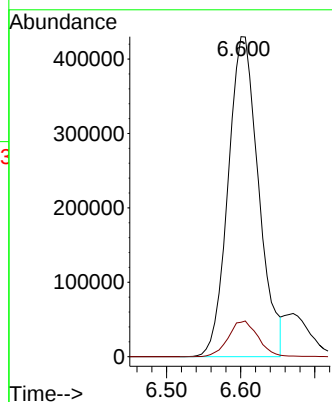
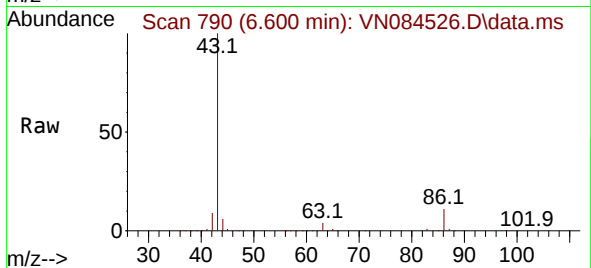




#23
 Vinyl Acetate
 Concen: 245.982 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

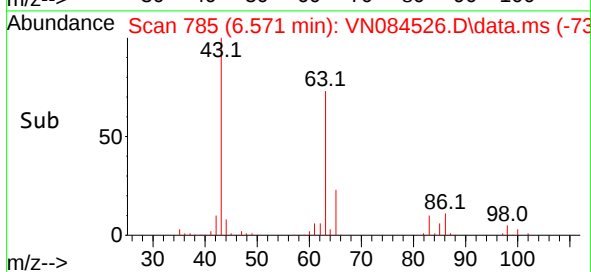
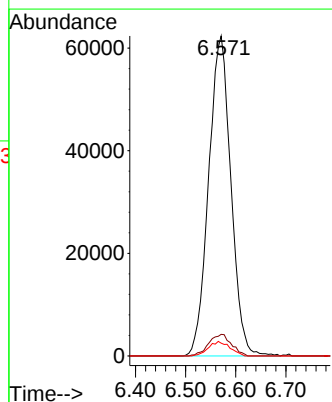
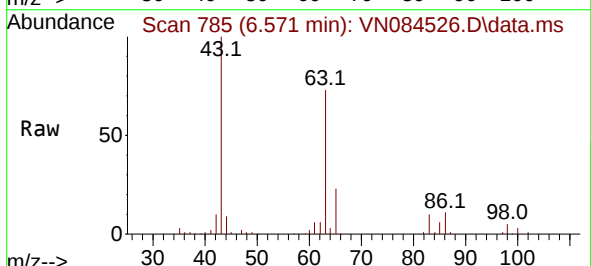
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

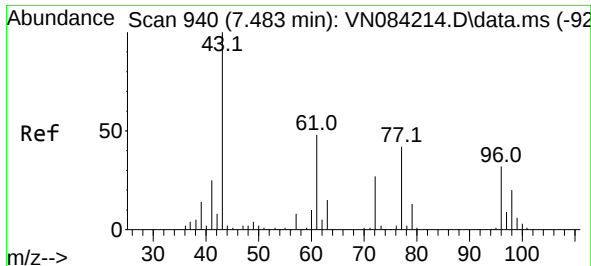
Tgt Ion: 43 Resp: 1230781
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.989 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

Tgt Ion: 63 Resp: 192358
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.0 2.0 5.8

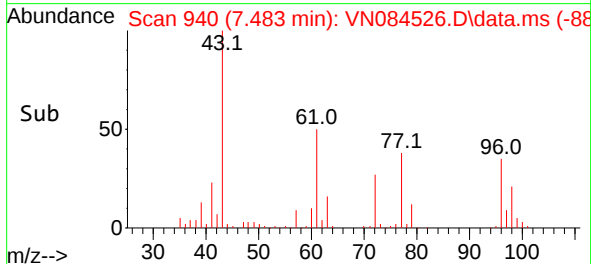
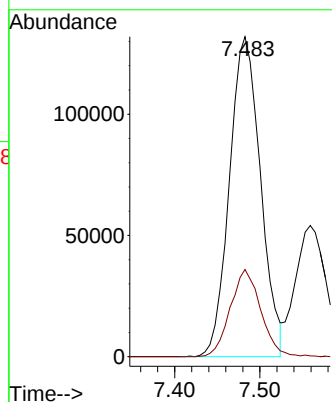
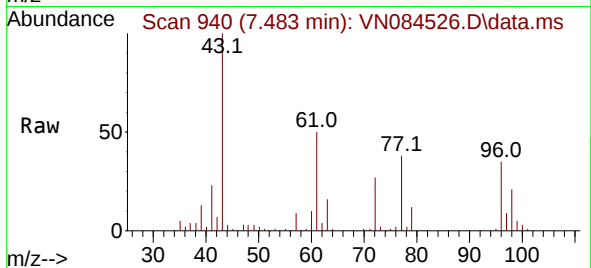




#25
2-Butanone
Concen: 231.376 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

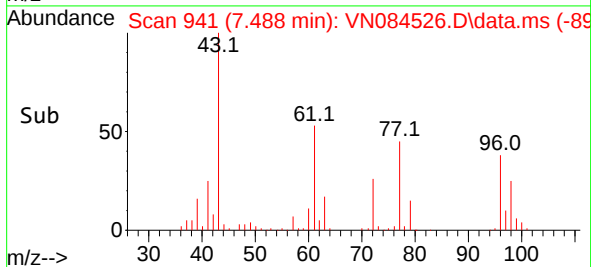
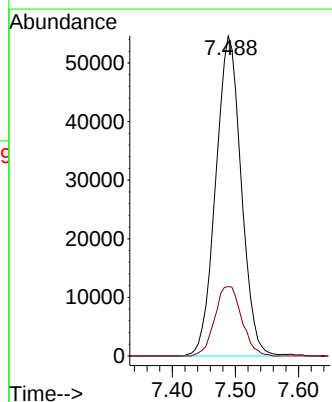
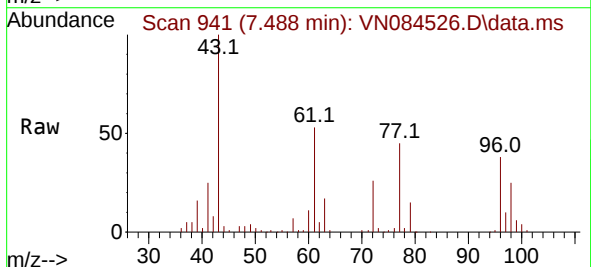
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 334778
Ion Ratio Lower Upper
43 100
72 27.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 45.038 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 77 Resp: 153197
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3



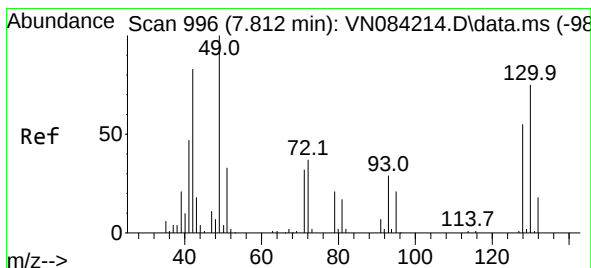
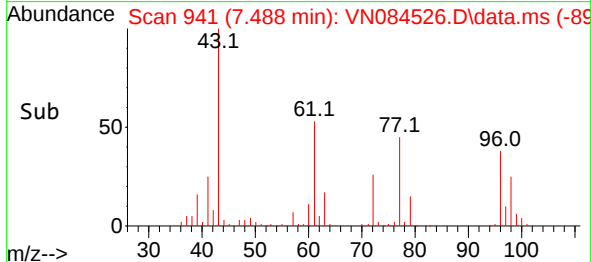
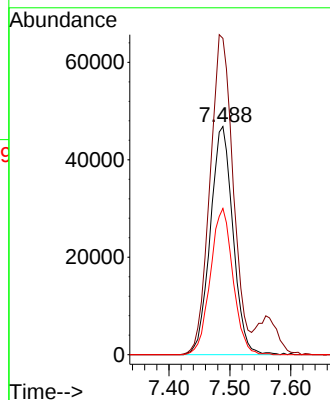
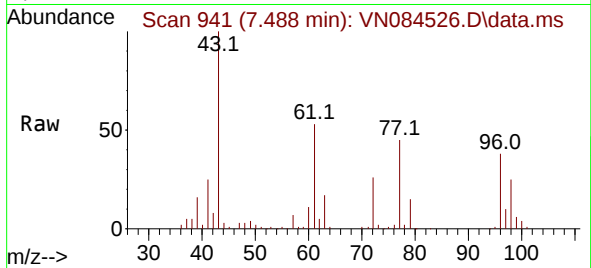


#27
 cis-1,2-Dichloroethene
 Concen: 51.007 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 121267

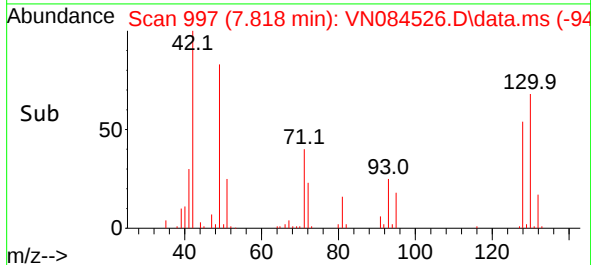
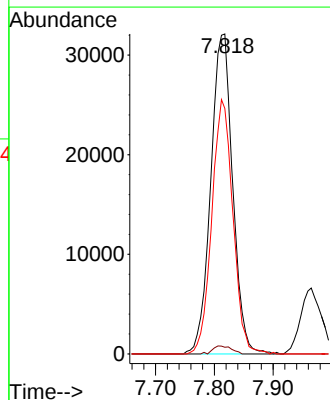
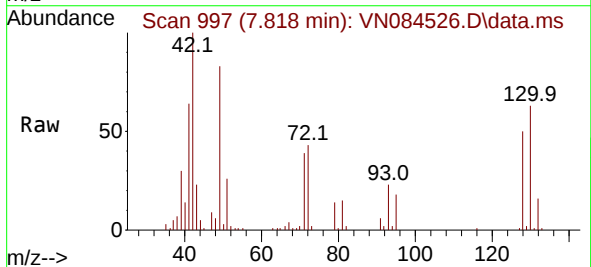
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	301.8
98	63.9	0.0	128.2

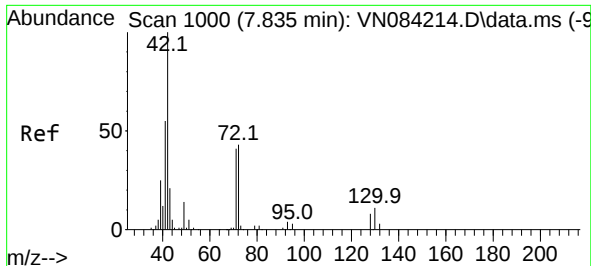


#28
 Bromochloromethane
 Concen: 49.424 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

Tgt Ion: 49 Resp: 83192

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	76.6	58.0	87.0

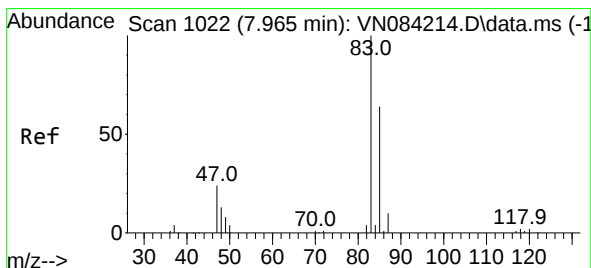
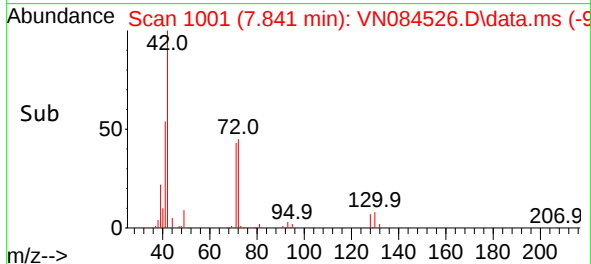
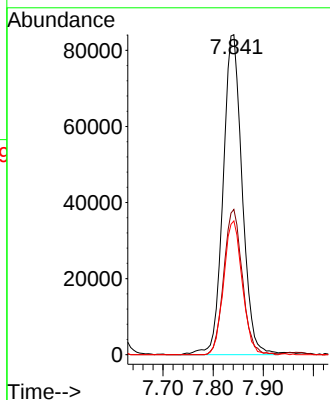
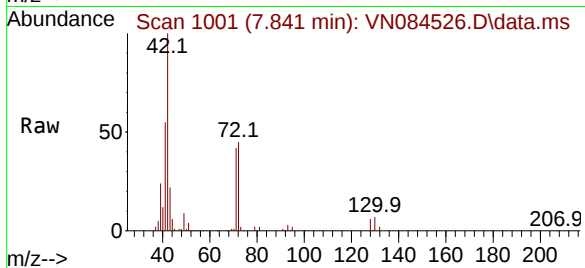




#29
Tetrahydrofuran
Concen: 248.934 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

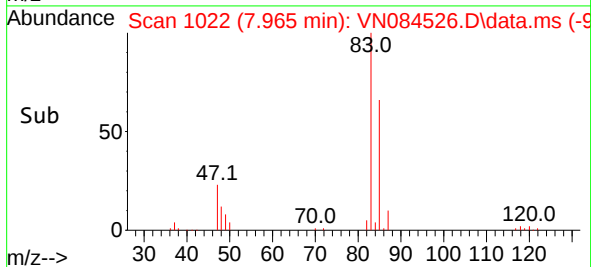
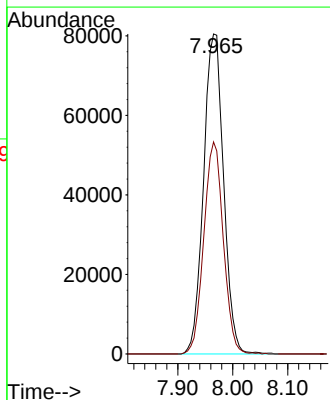
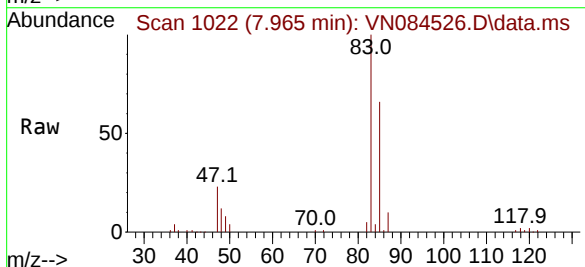
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

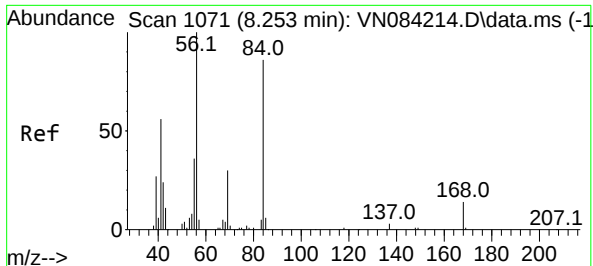
Tgt Ion: 42 Resp: 222275
Ion Ratio Lower Upper
42 100
72 44.3 34.6 51.8
71 40.9 32.2 48.4



#30
Chloroform
Concen: 52.045 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 83 Resp: 203952
Ion Ratio Lower Upper
83 100
85 66.3 51.0 76.4

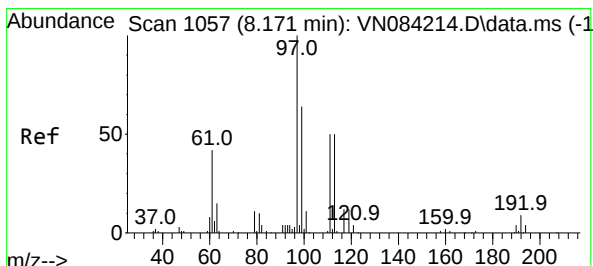
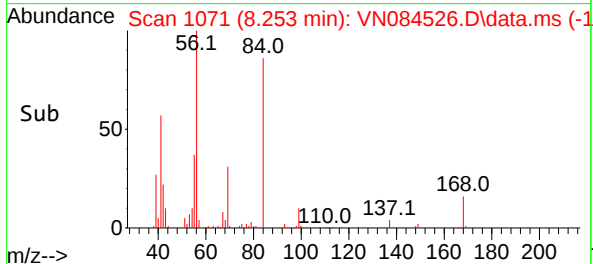
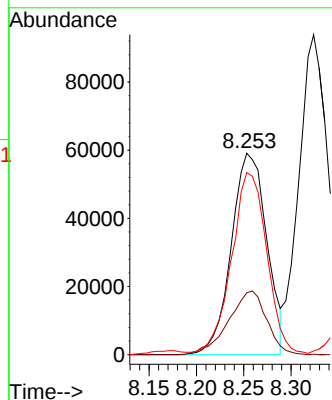
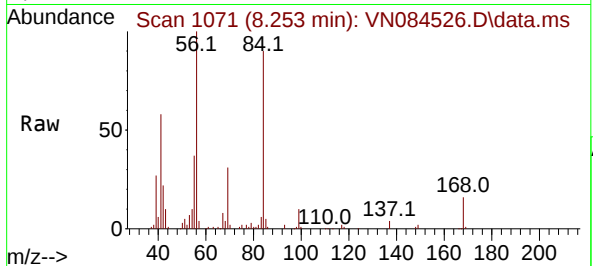




#31
Cyclohexane
Concen: 42.106 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

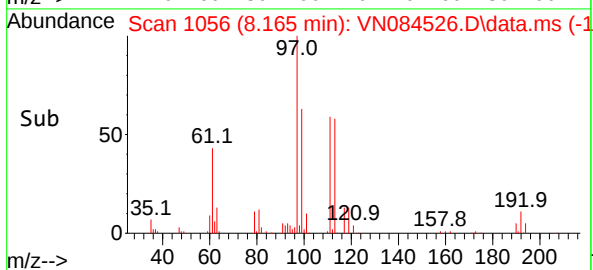
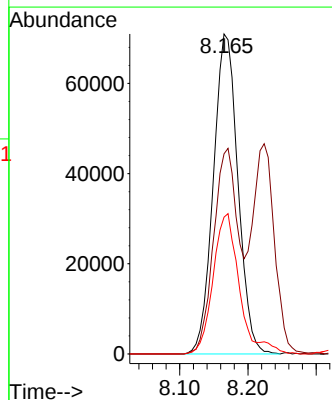
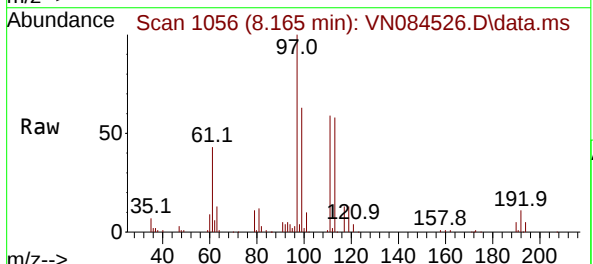
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

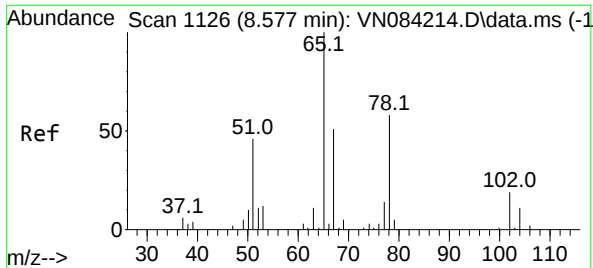
Tgt Ion: 56 Resp: 154232
Ion Ratio Lower Upper
56 100
69 30.4 23.8 35.6
84 88.9 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 50.640 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 97 Resp: 178226
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 46.9 37.5 56.3

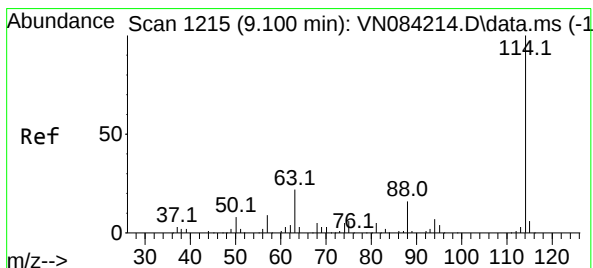
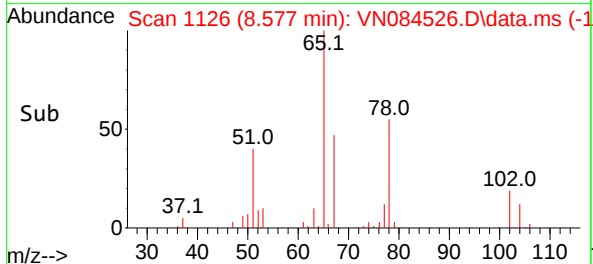
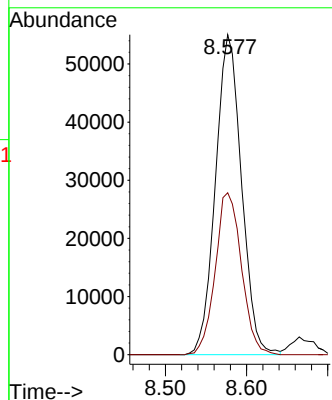
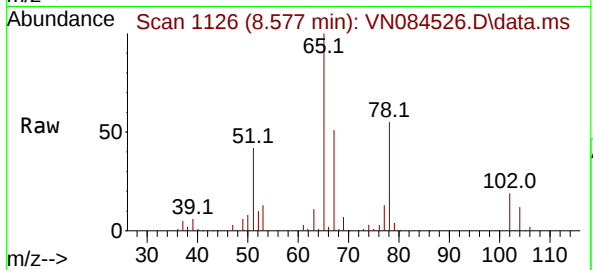




#33
 1,2-Dichloroethane-d4
 Concen: 49.644 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

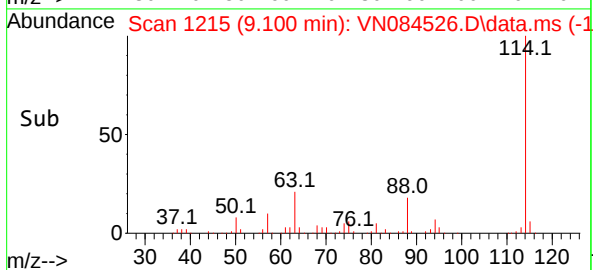
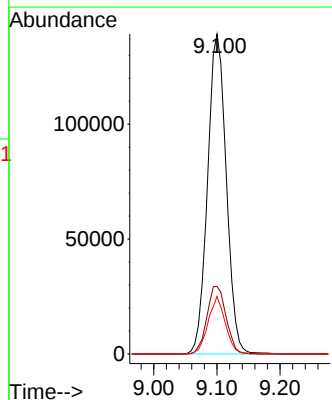
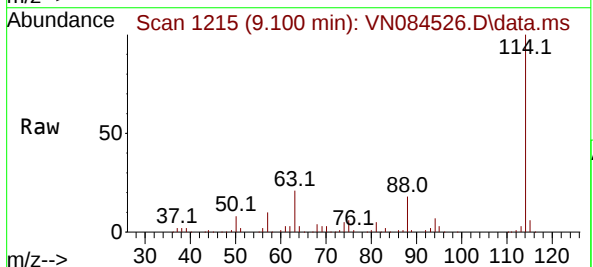
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

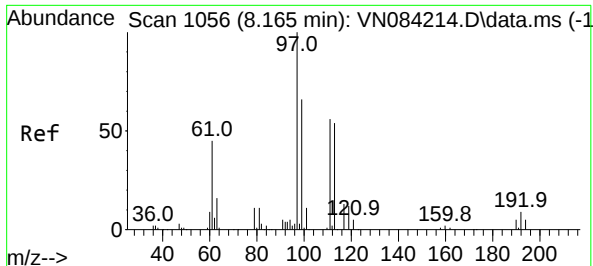
Tgt Ion: 65 Resp: 122767
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

Tgt Ion: 114 Resp: 286652
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 17.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.217 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

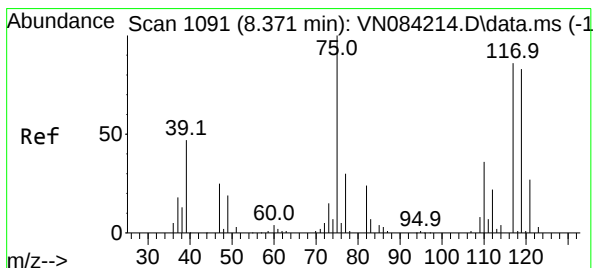
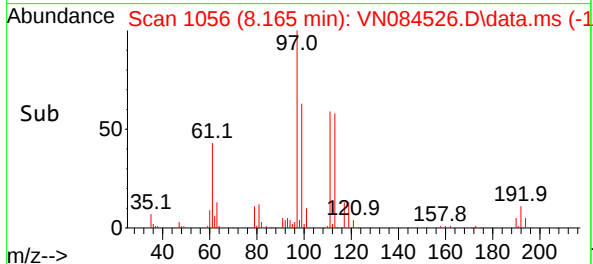
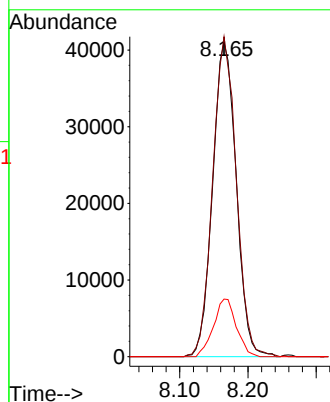
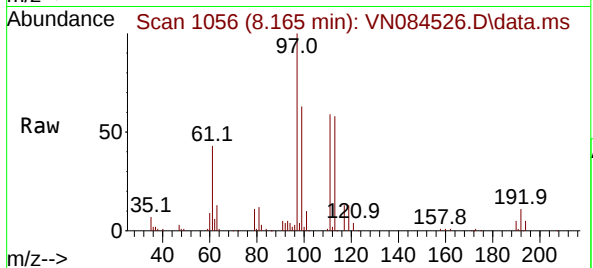
Tgt Ion:113 Resp: 98679

Ion Ratio Lower Upper

113 100

111 101.8 83.3 124.9

192 17.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 49.831 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

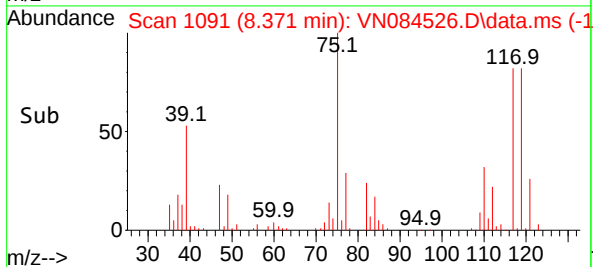
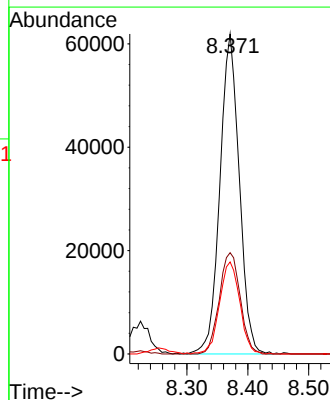
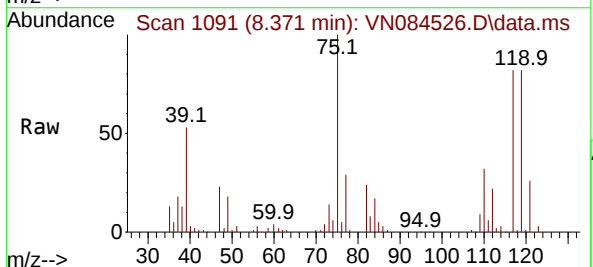
Tgt Ion: 75 Resp: 136786

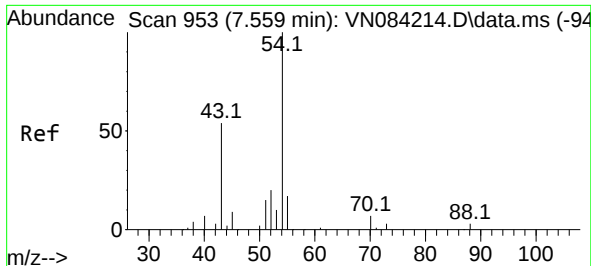
Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.7

77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.906 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

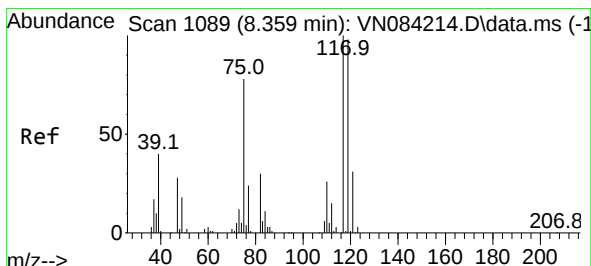
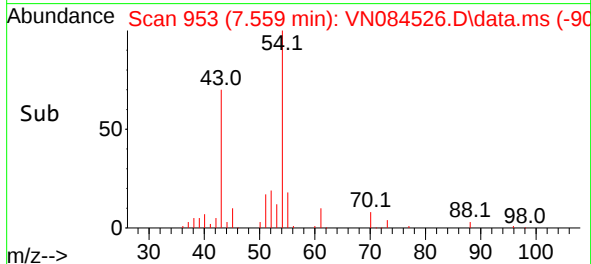
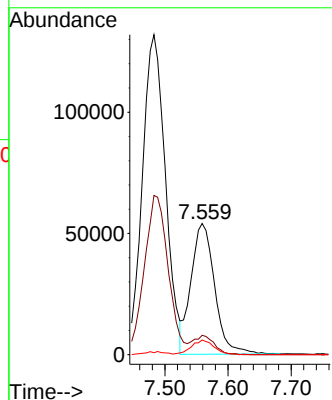
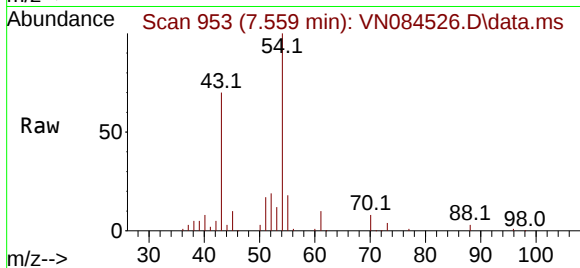
Tgt Ion: 43 Resp: 140540

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 10.7 8.8 13.2



#38

Carbon Tetrachloride

Concen: 50.544 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

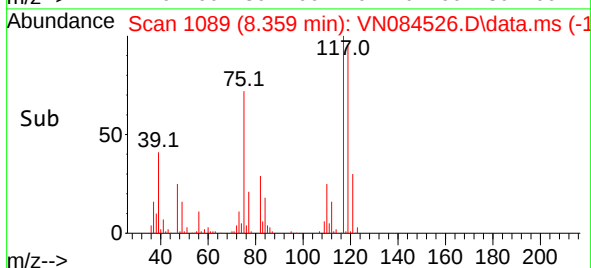
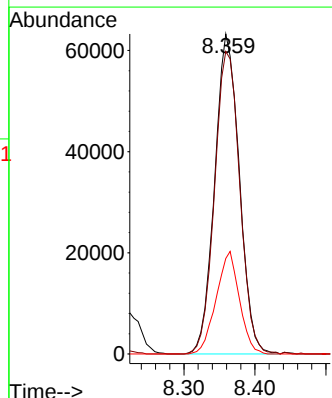
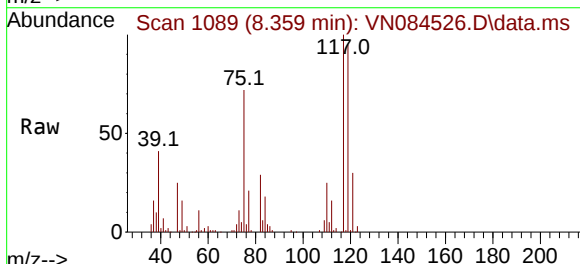
Tgt Ion: 117 Resp: 152192

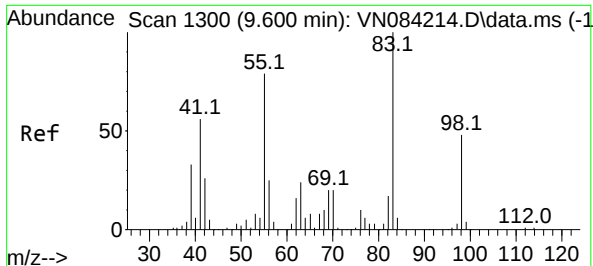
Ion Ratio Lower Upper

117 100

119 94.5 78.7 118.1

121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 46.735 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

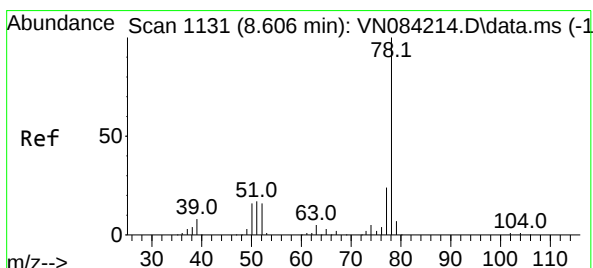
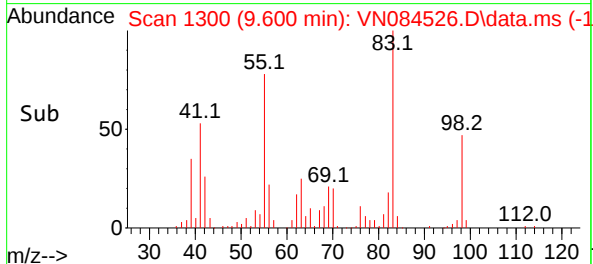
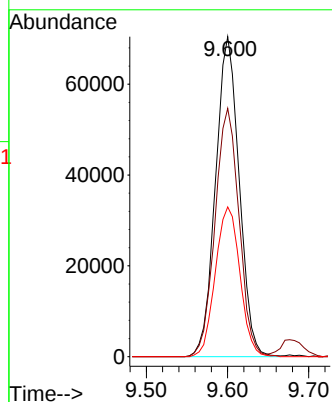
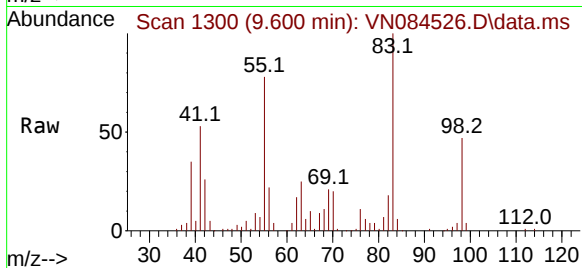
Tgt Ion: 83 Resp: 142779

Ion Ratio Lower Upper

83 100

55 77.6 62.8 94.2

98 46.8 38.8 58.2



#40

Benzene

Concen: 50.775 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084526.D

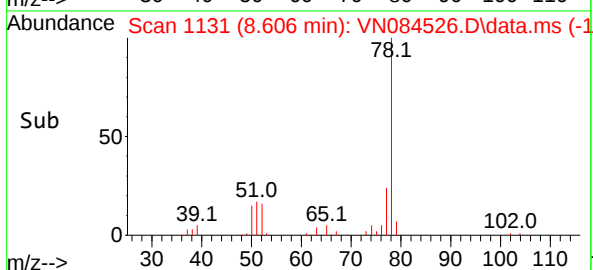
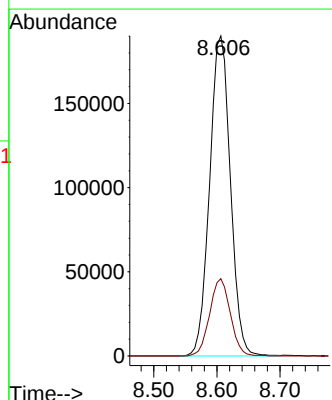
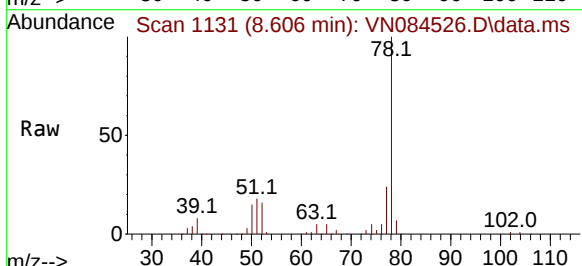
Acq: 25 Oct 2024 19:13

Tgt Ion: 78 Resp: 434246

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

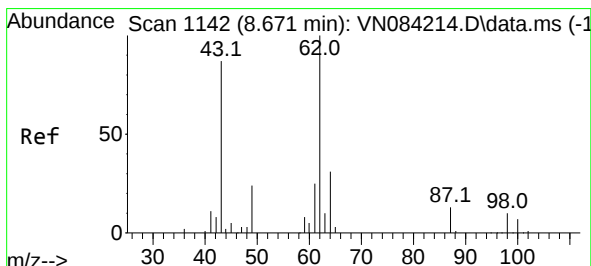
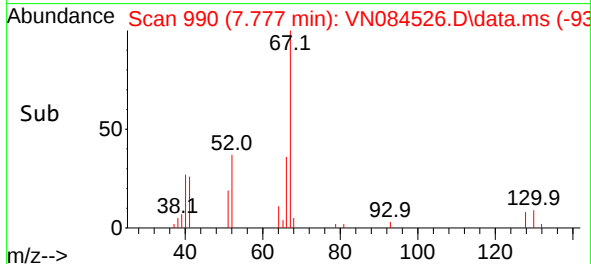
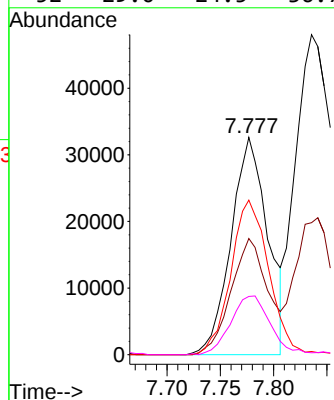
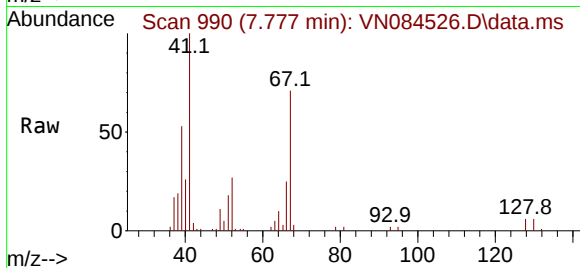




#41
Methacrylonitrile
Concen: 51.145 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

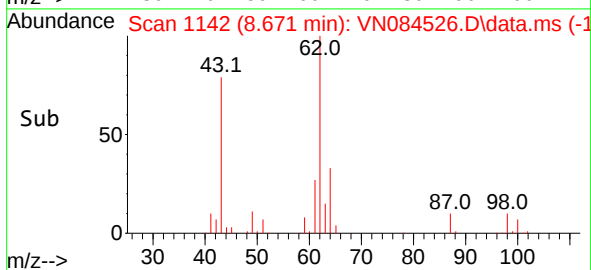
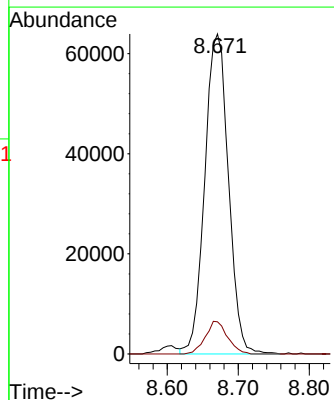
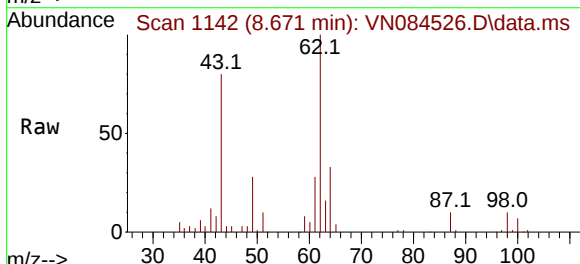
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

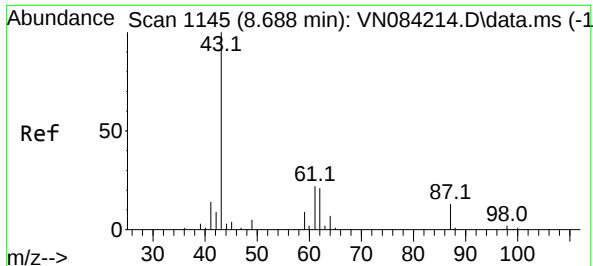
Tgt Ion:	41	Resp:	78193
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.3	64.9
67	74.0	56.1	84.1
52	29.0	24.5	36.7



#42
1,2-Dichloroethane
Concen: 51.069 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:	62	Resp:	148069
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

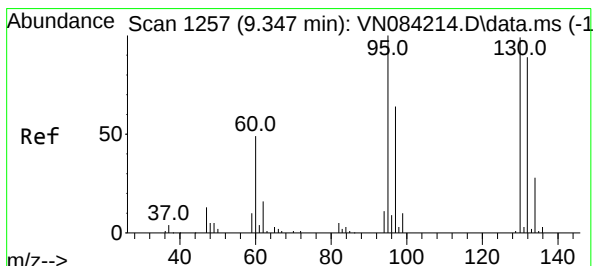
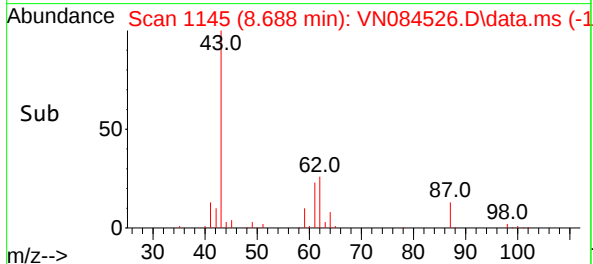
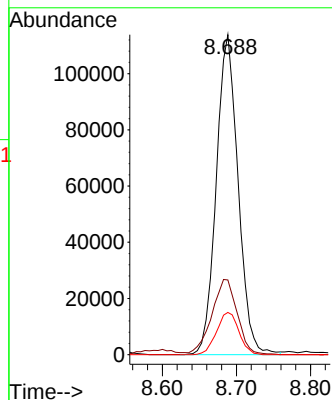
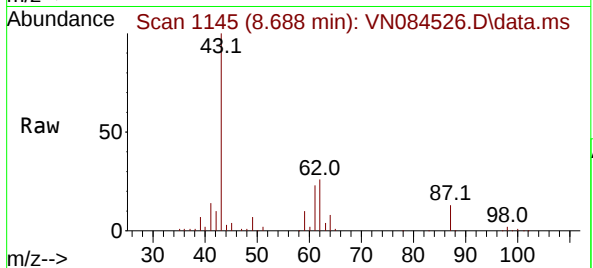




#43
Isopropyl Acetate
Concen: 42.271 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

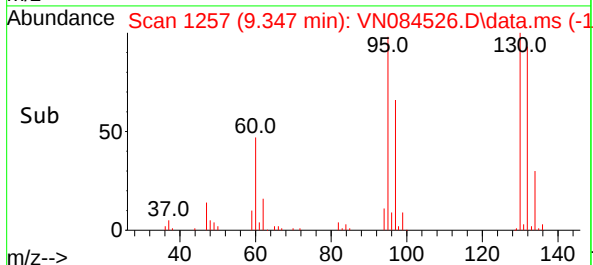
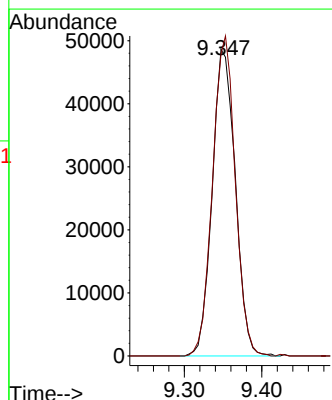
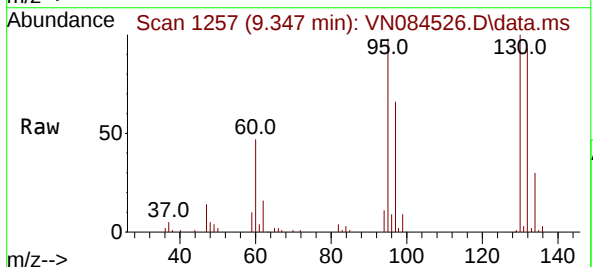
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 233167
Ion Ratio Lower Upper
43 100
61 27.6 20.4 30.6
87 13.5 10.3 15.5



#44
Trichloroethene
Concen: 50.453 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:130 Resp: 100781
Ion Ratio Lower Upper
130 100
95 98.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 53.889 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

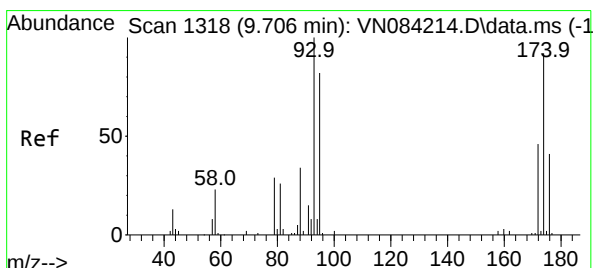
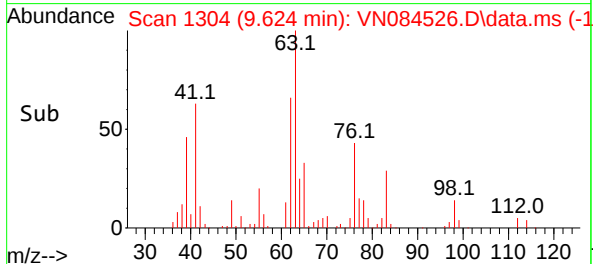
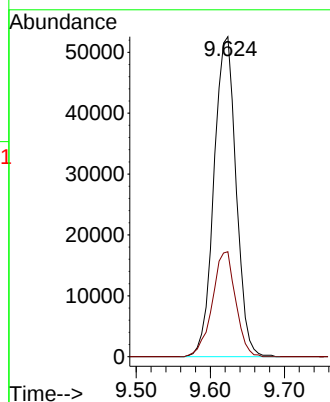
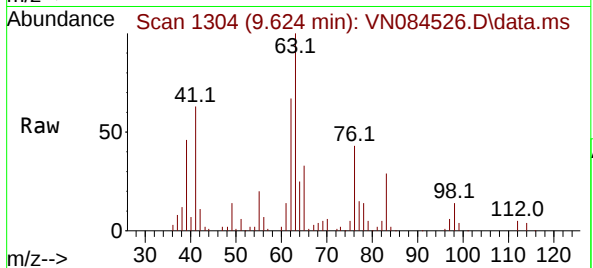
VSTDCCC050EC

Tgt Ion: 63 Resp: 109028

Ion Ratio Lower Upper

63 100

65 32.8 24.6 37.0



#46

Dibromomethane

Concen: 55.510 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

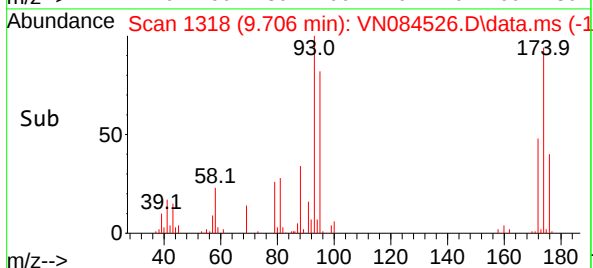
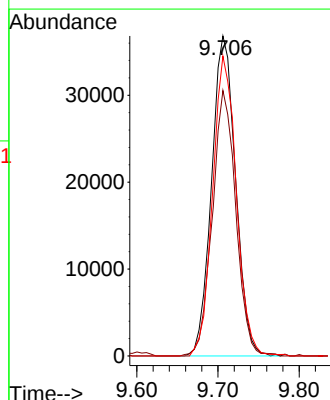
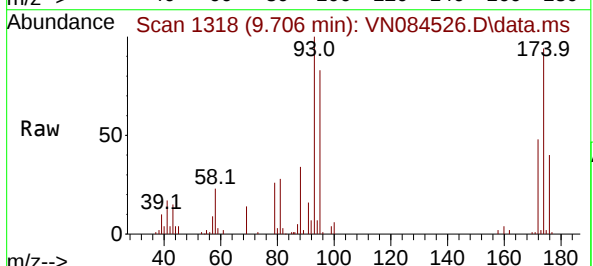
Tgt Ion: 93 Resp: 75789

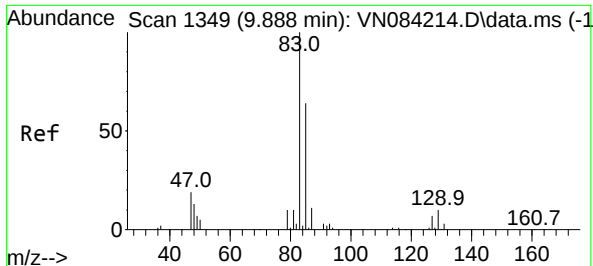
Ion Ratio Lower Upper

93 100

95 81.1 65.0 97.4

174 92.3 71.8 107.8





#47

Bromodichloromethane

Concen: 53.371 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

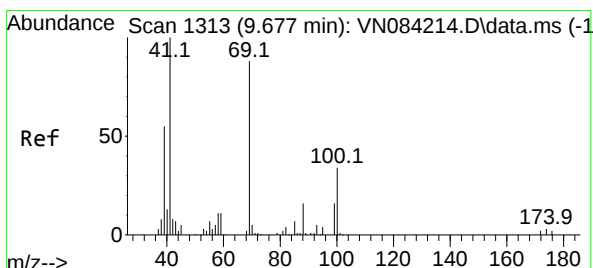
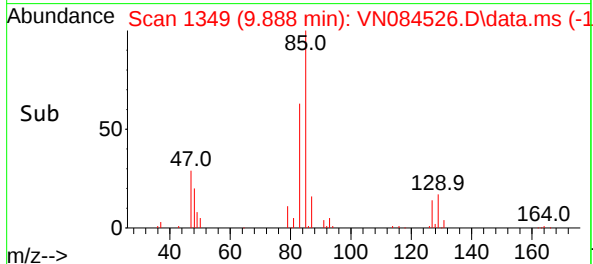
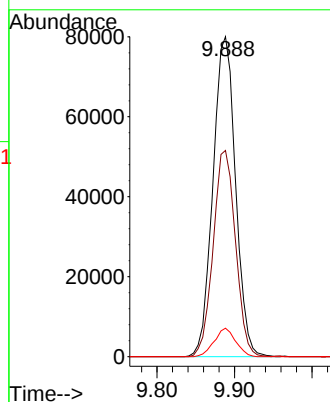
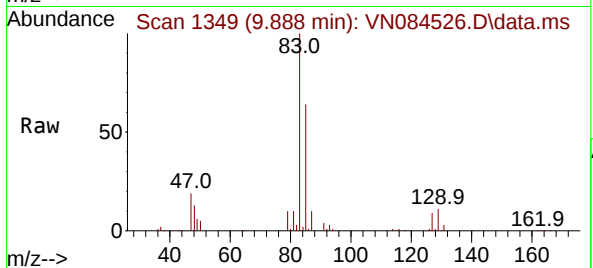
Tgt Ion: 83 Resp: 161891

Ion Ratio Lower Upper

83 100

85 64.5 51.5 77.3

127 8.9 5.7 8.5#



#48

Methyl methacrylate

Concen: 50.076 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

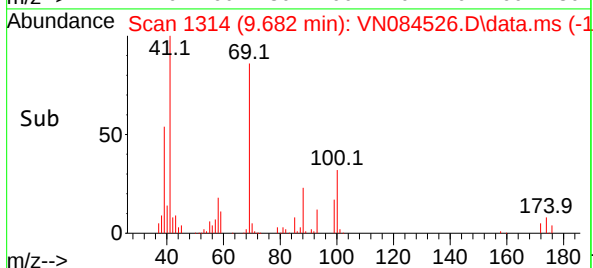
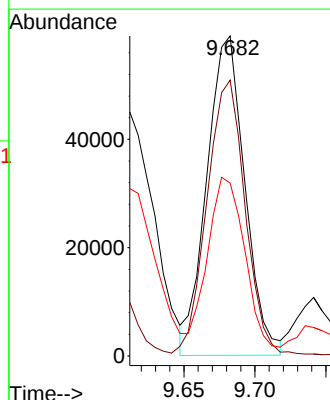
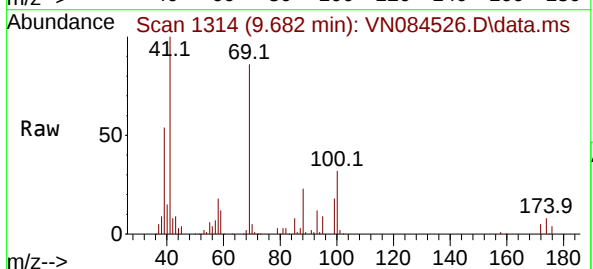
Tgt Ion: 41 Resp: 109954

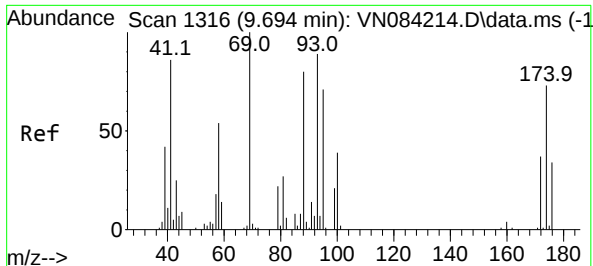
Ion Ratio Lower Upper

41 100

69 87.5 67.1 100.7

39 56.0 45.8 68.6





#49

1,4-Dioxane

Concen: 986.815 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

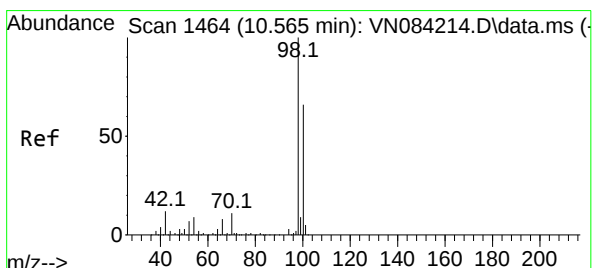
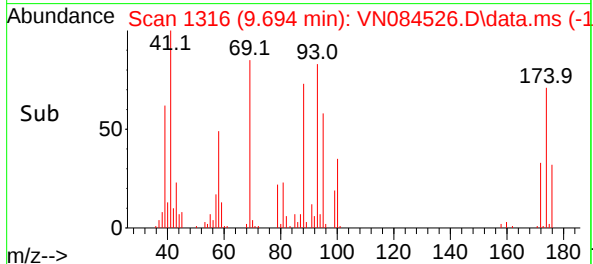
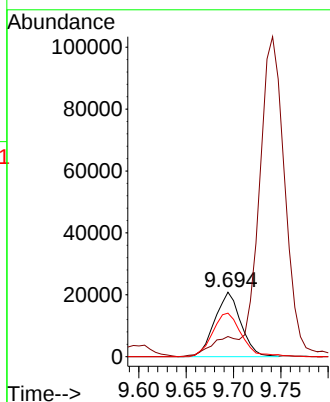
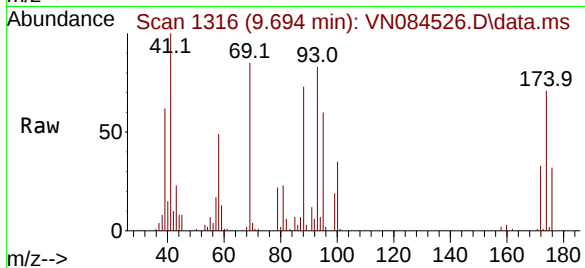
Tgt Ion: 88 Resp: 39891

Ion Ratio Lower Upper

88 100

43 33.6 25.3 37.9

58 75.5 56.4 84.6



#50

Toluene-d8

Concen: 51.332 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084526.D

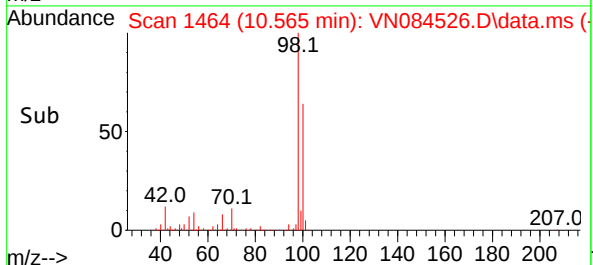
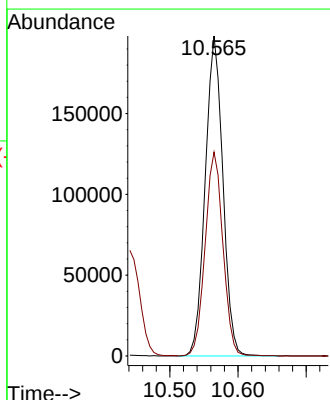
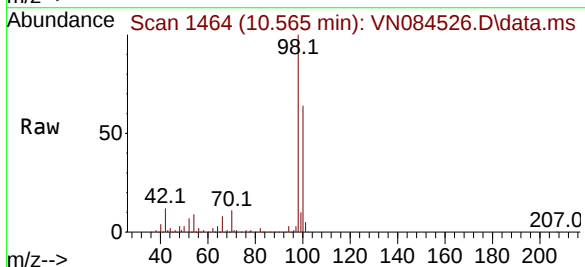
Acq: 25 Oct 2024 19:13

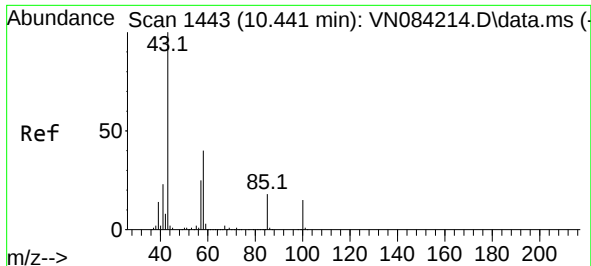
Tgt Ion: 98 Resp: 356900

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1

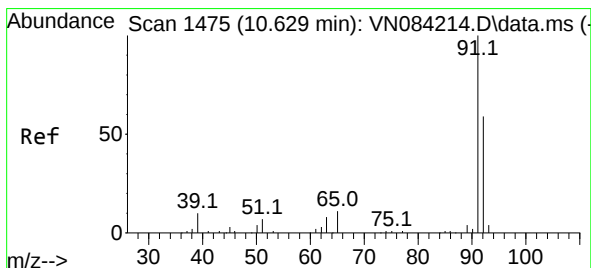
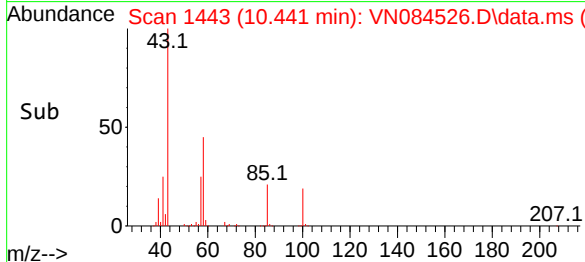
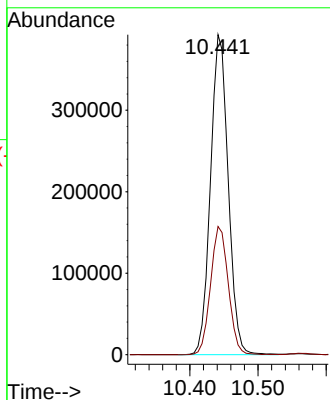
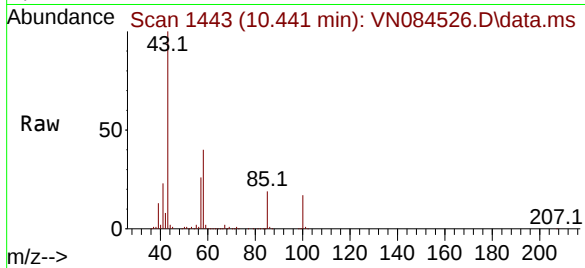




#51
4-Methyl-2-Pentanone
Concen: 264.775 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

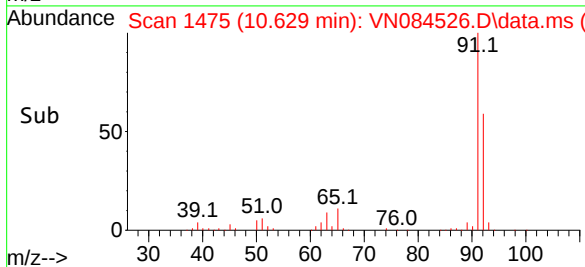
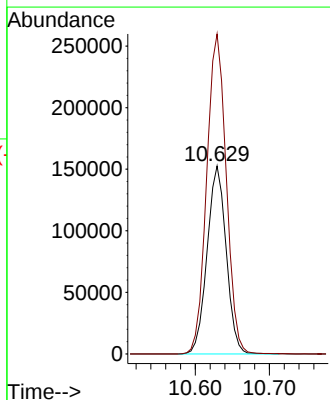
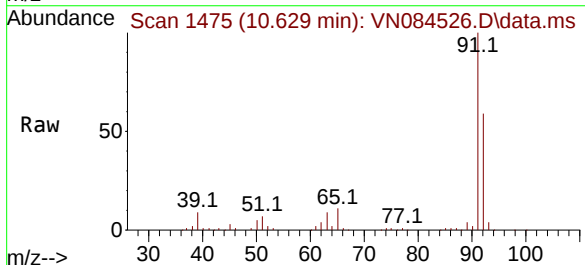
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

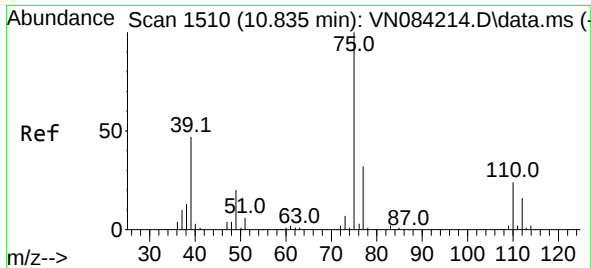
Tgt Ion: 43 Resp: 709816
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4



#52
Toluene
Concen: 52.357 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 92 Resp: 273057
Ion Ratio Lower Upper
92 100
91 174.5 137.3 205.9

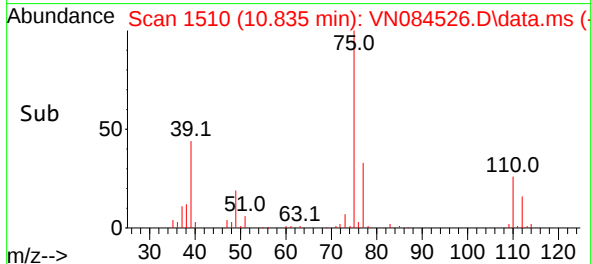
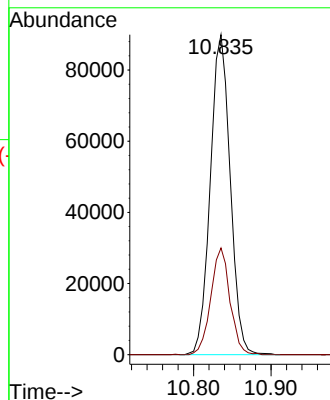
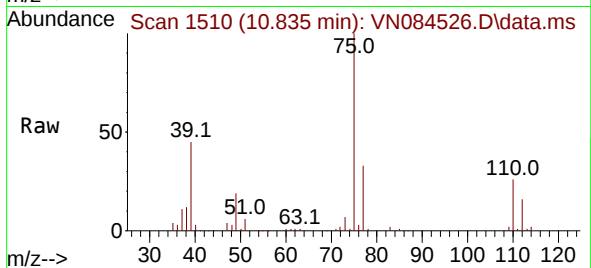




#53
t-1,3-Dichloropropene
Concen: 52.078 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

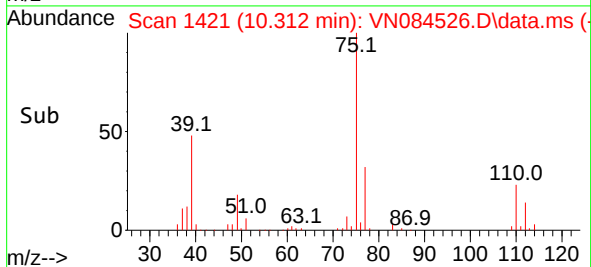
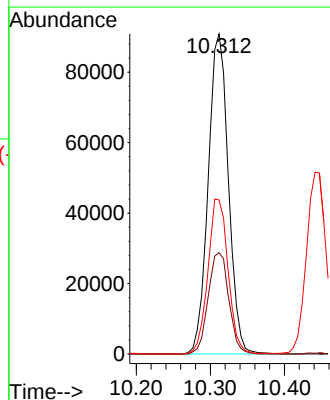
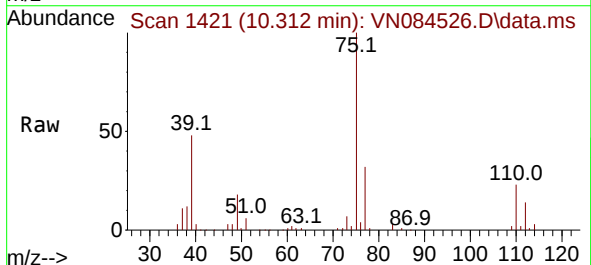
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

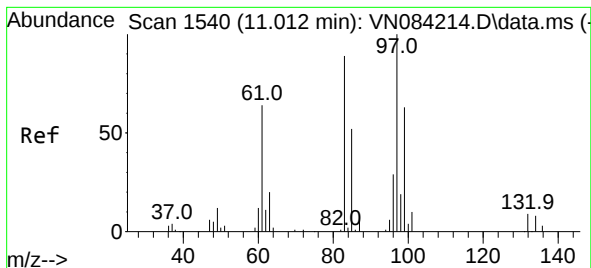
Tgt Ion: 75 Resp: 161025
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.711 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 75 Resp: 171984
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.2
39 48.1 38.7 58.1



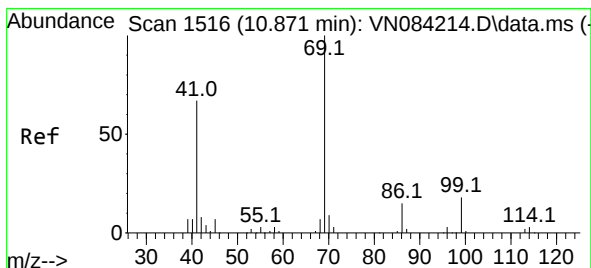
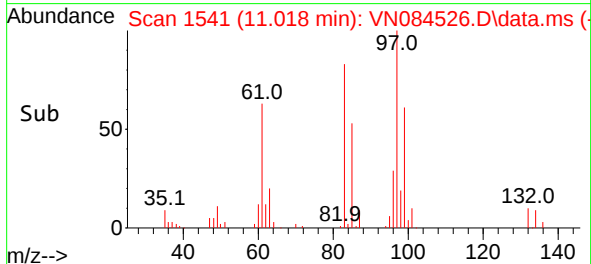
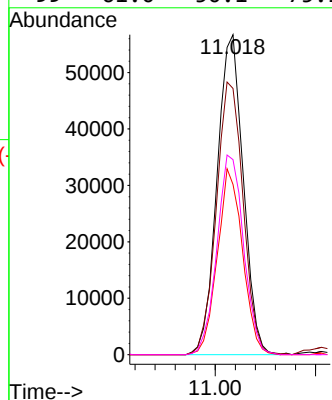
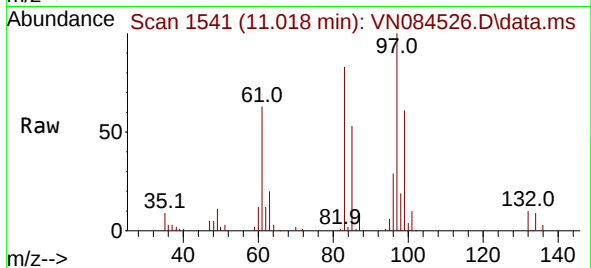


#55
1,1,2-Trichloroethane
Concen: 54.831 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 102513

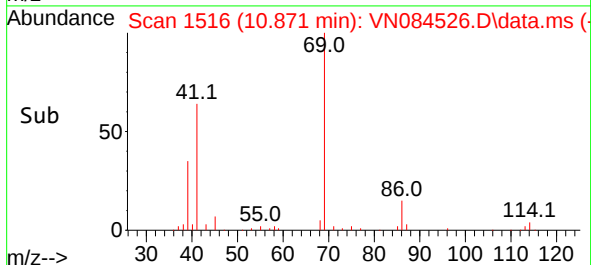
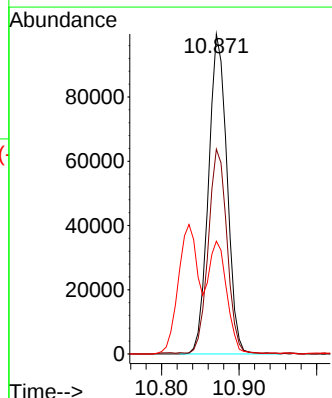
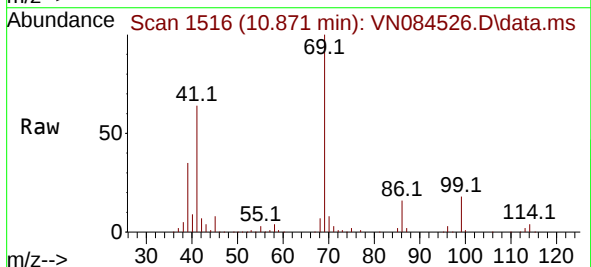
Ion	Ratio	Lower	Upper
97	100		
83	83.2	71.0	106.4
85	53.2	41.7	62.5
99	61.0	50.1	75.1



#56
Ethyl methacrylate
Concen: 53.712 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 69 Resp: 165239

Ion	Ratio	Lower	Upper
69	100		
41	64.2	53.3	79.9
39	34.8	28.8	43.2





#57

1,3-Dichloropropane

Concen: 53.769 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

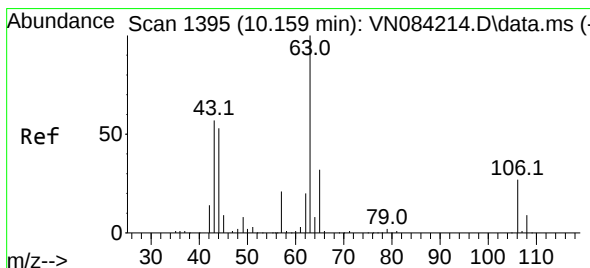
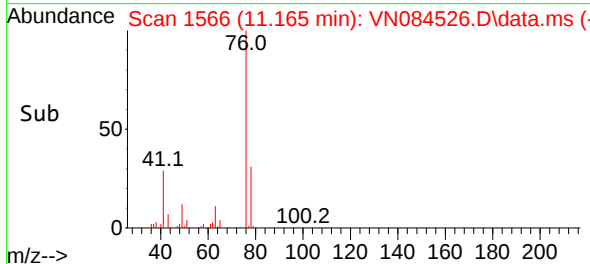
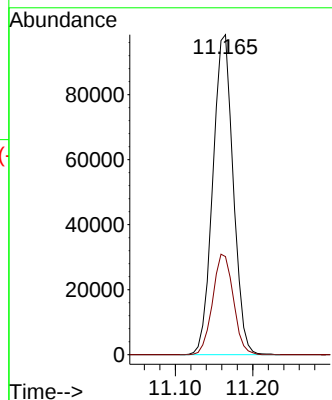
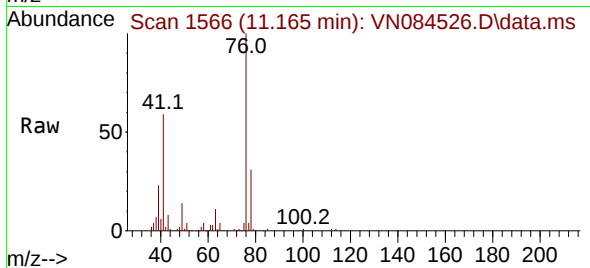
VSTDCCC050EC

Tgt Ion: 76 Resp: 179630

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 259.663 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084526.D

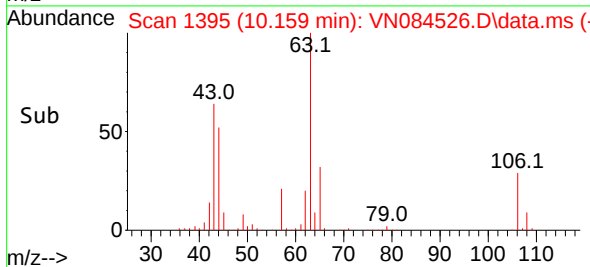
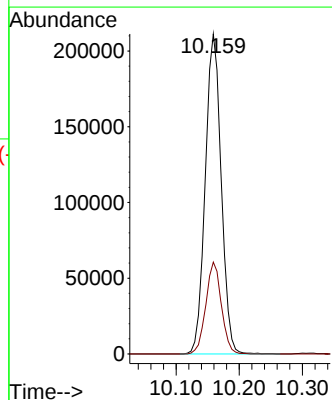
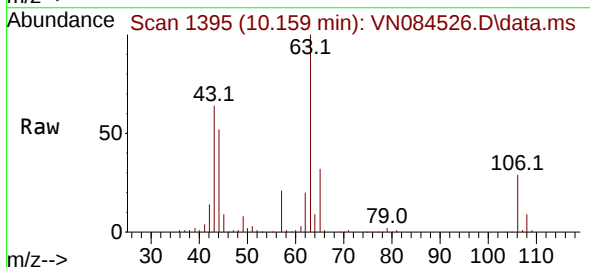
Acq: 25 Oct 2024 19:13

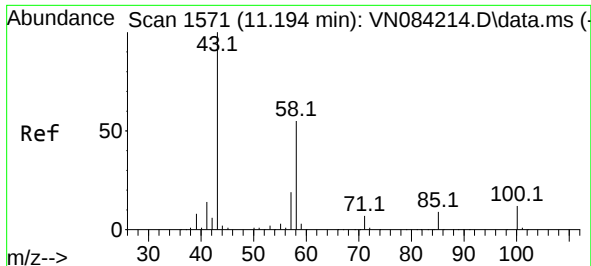
Tgt Ion: 63 Resp: 370569

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.6

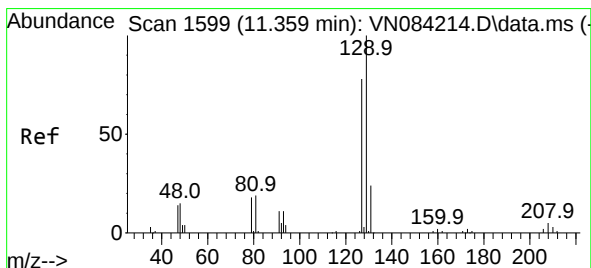
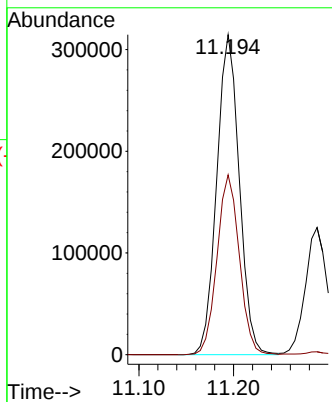
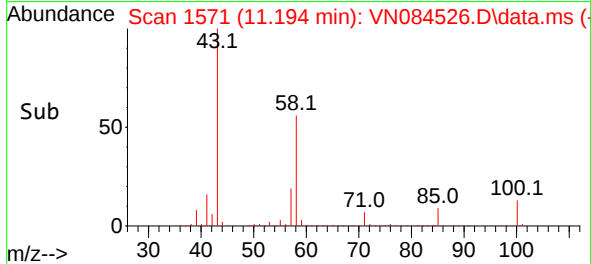
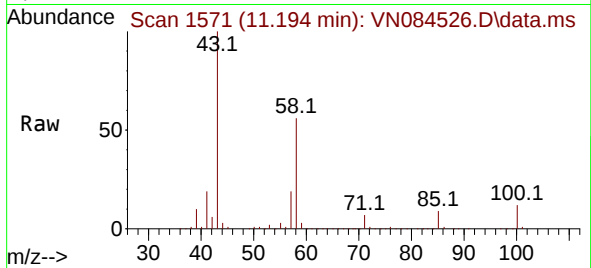




#59
2-Hexanone
Concen: 260.266 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

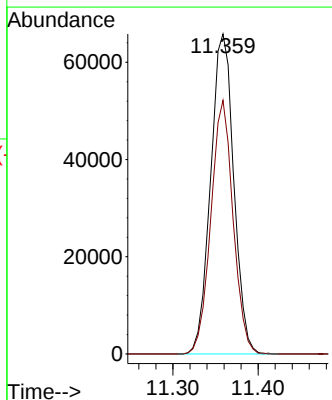
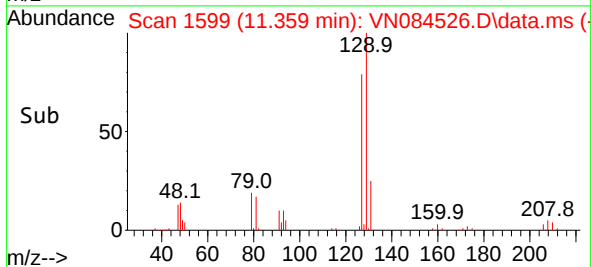
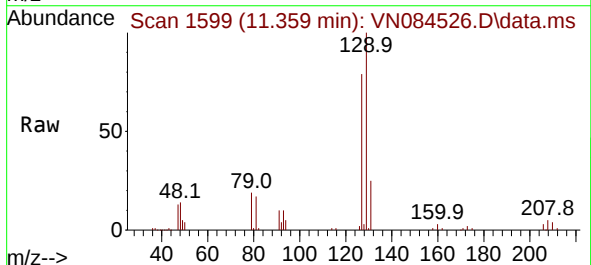
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

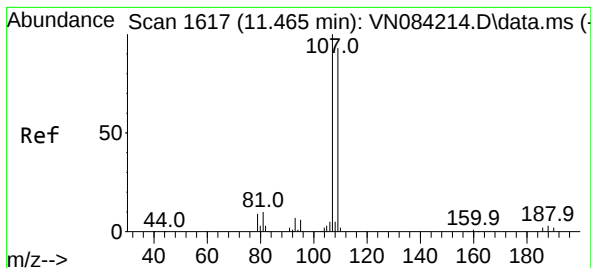
Tgt Ion: 43 Resp: 521492
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 56.184 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 129 Resp: 124112
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9

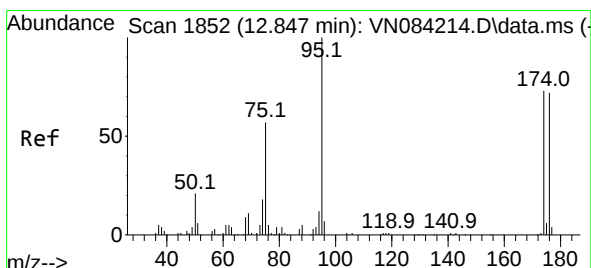
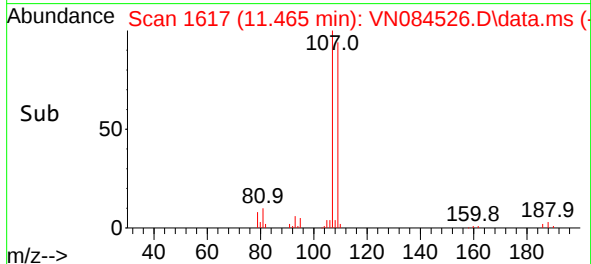
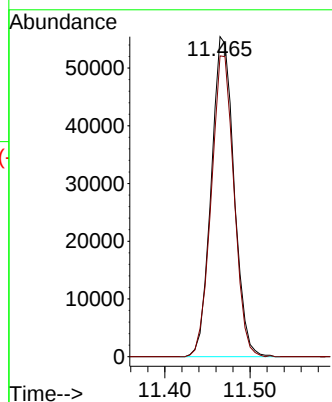
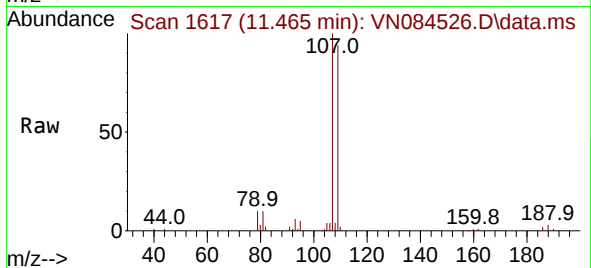




#61
1,2-Dibromoethane
Concen: 53.087 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

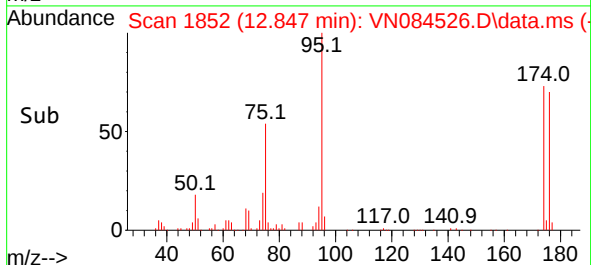
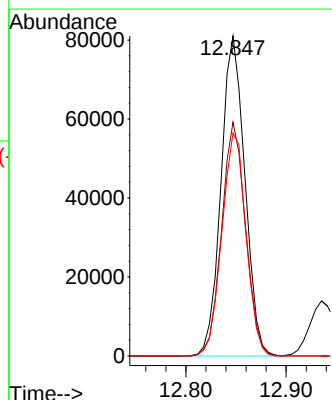
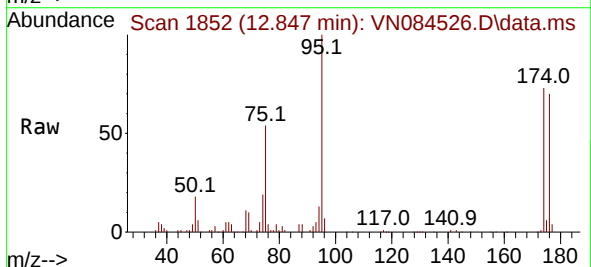
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

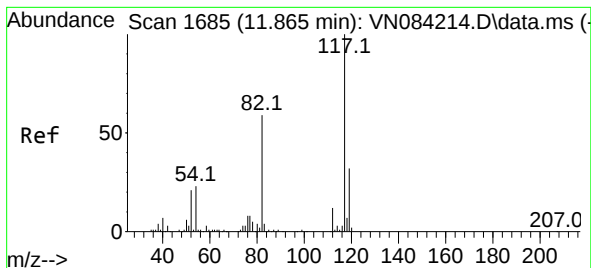
Tgt Ion:107 Resp: 103132
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 52.811 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 95 Resp: 133768
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.2
176 70.5 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

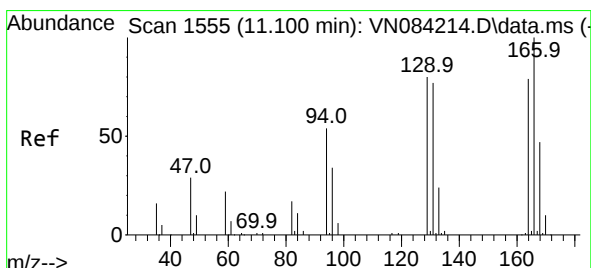
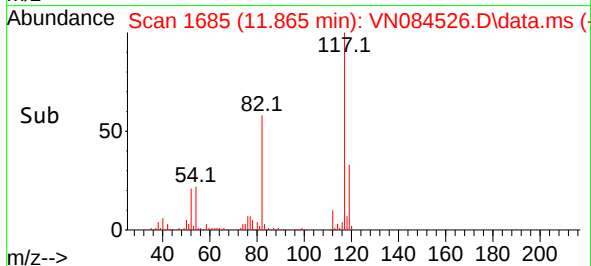
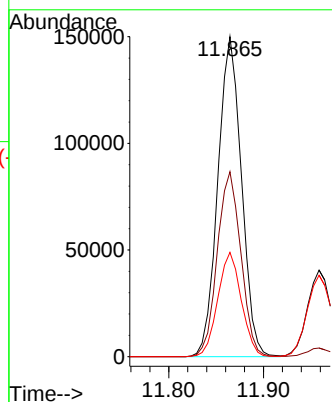
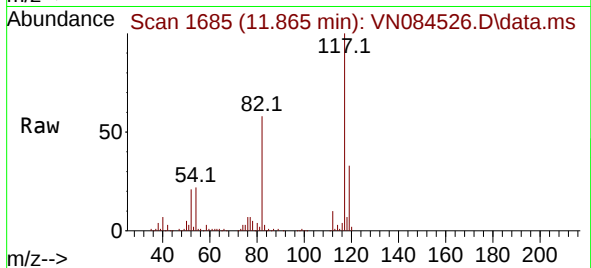
Tgt Ion:117 Resp: 260288

Ion Ratio Lower Upper

117 100

82 57.8 47.2 70.8

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 50.022 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Tgt Ion:164 Resp: 90687

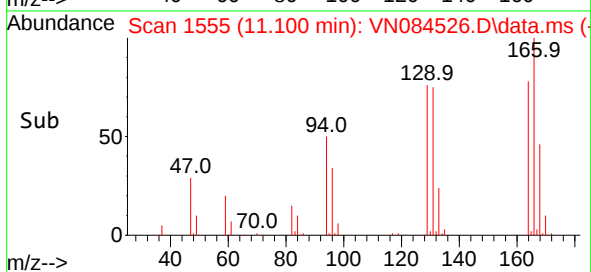
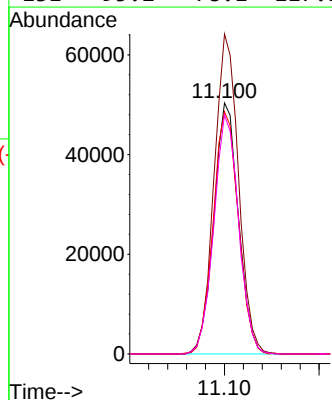
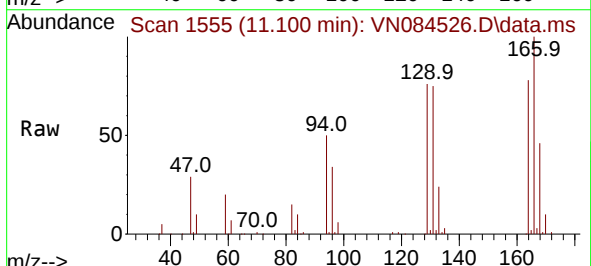
Ion Ratio Lower Upper

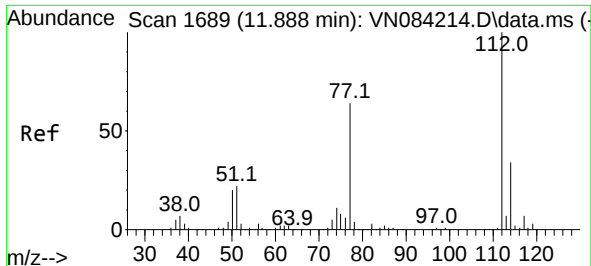
164 100

166 127.4 101.0 151.4

129 96.5 80.8 121.2

131 95.2 78.1 117.1

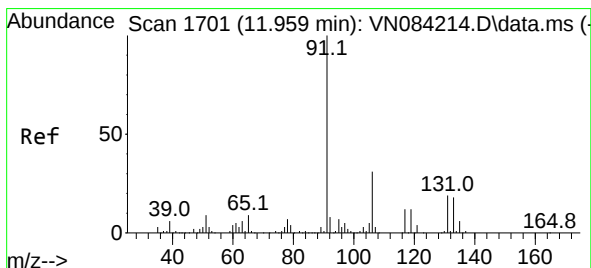
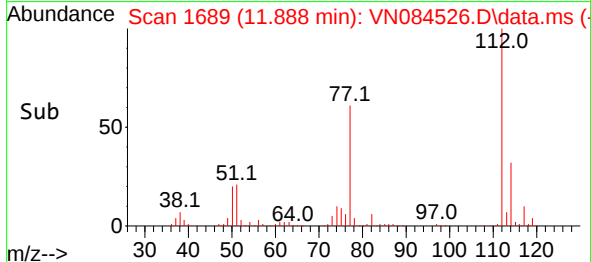
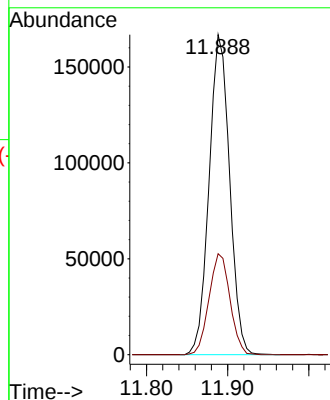
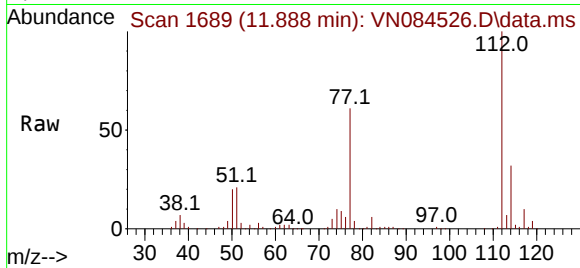




#65
Chlorobenzene
Concen: 50.731 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

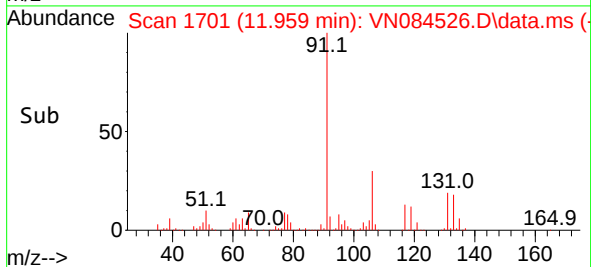
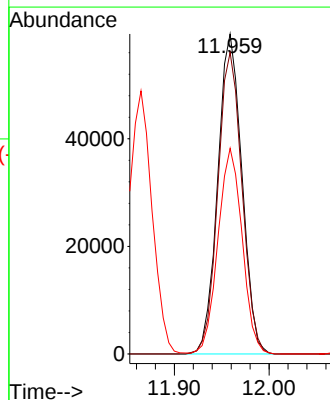
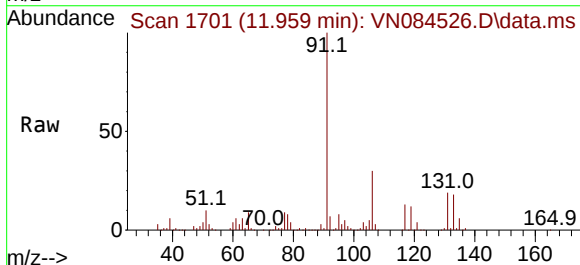
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

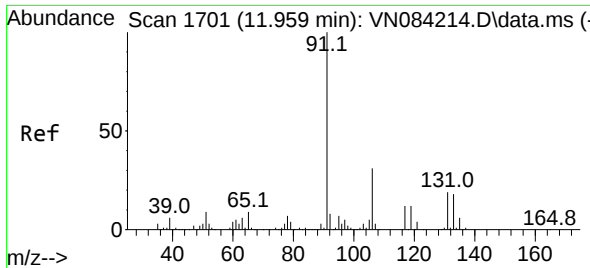
Tgt Ion:112 Resp: 292777
Ion Ratio Lower Upper
112 100
114 31.5 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.144 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:131 Resp: 105641
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 64.3 32.8 98.3

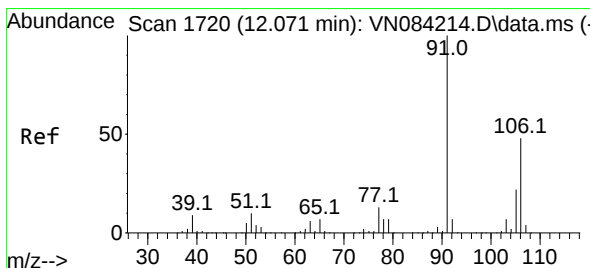
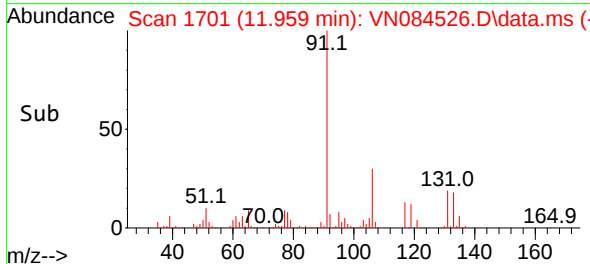
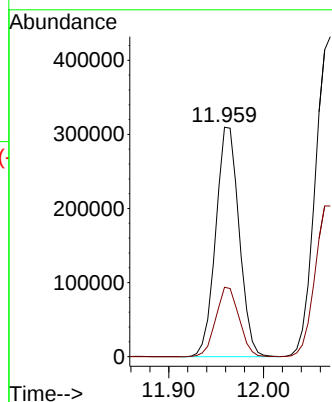
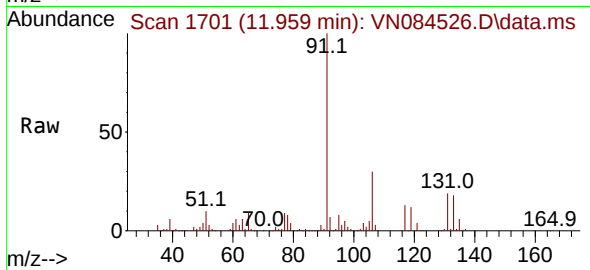




#67
Ethyl Benzene
Concen: 52.136 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

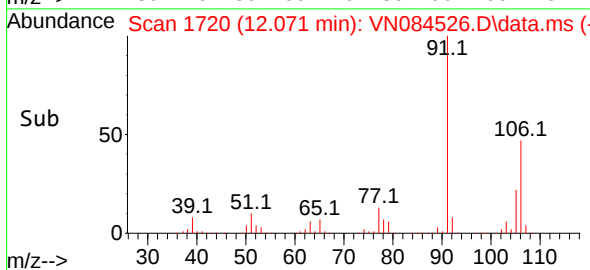
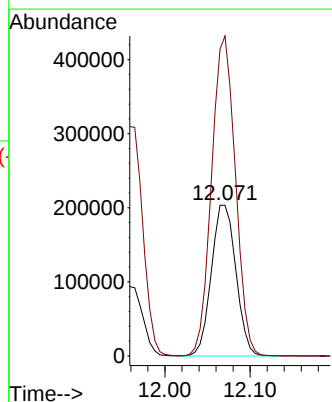
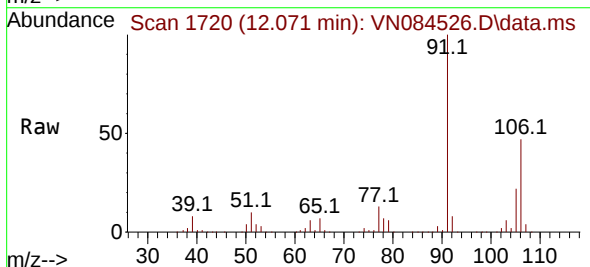
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

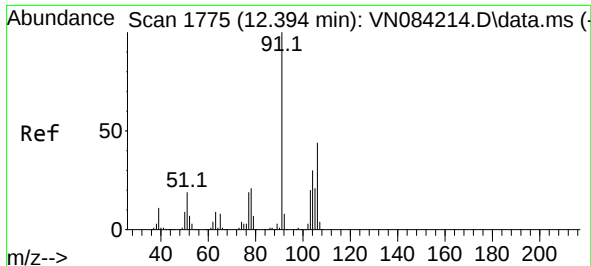
Tgt Ion: 91 Resp: 532113
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 108.094 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:106 Resp: 408093
Ion Ratio Lower Upper
106 100
91 206.2 167.1 250.7

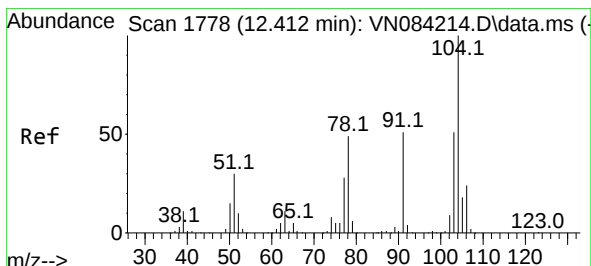
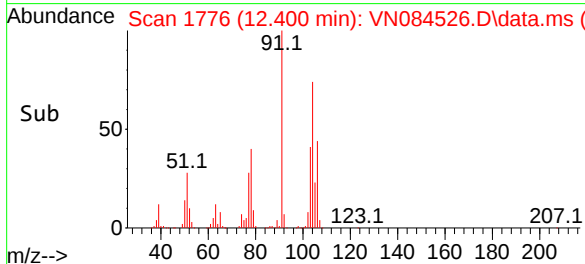
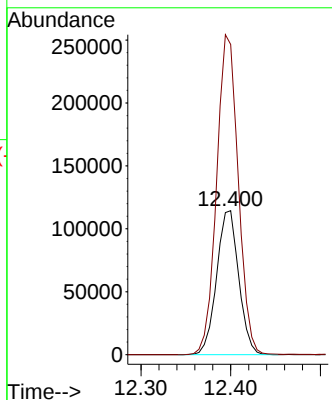
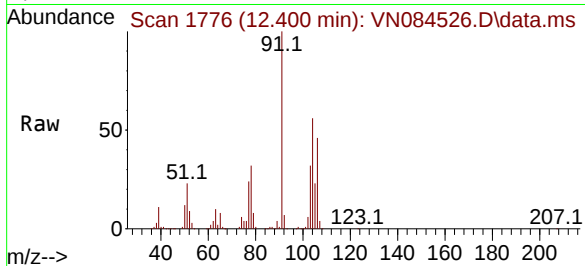




#69
o-Xylene
Concen: 54.776 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

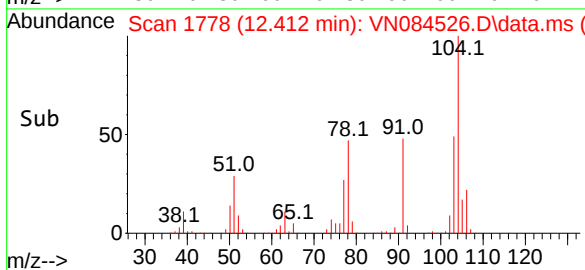
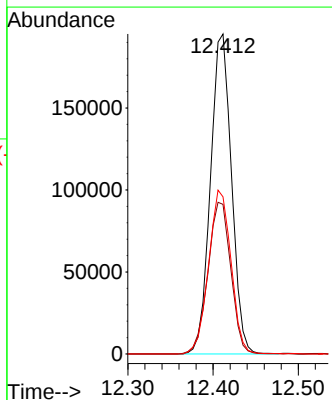
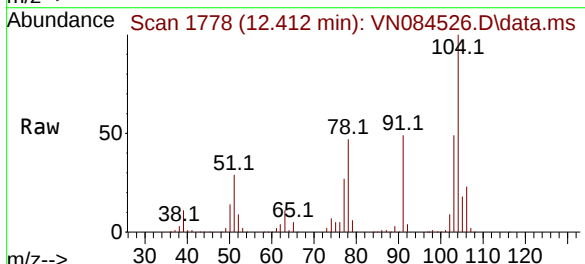
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

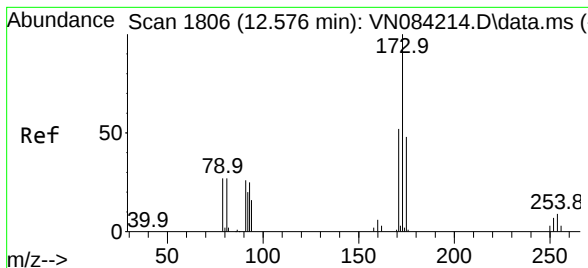
Tgt Ion:106 Resp: 195654
Ion Ratio Lower Upper
106 100
91 217.5 110.2 330.6



#70
Styrene
Concen: 55.354 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:104 Resp: 334901
Ion Ratio Lower Upper
104 100
78 51.5 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 54.763 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

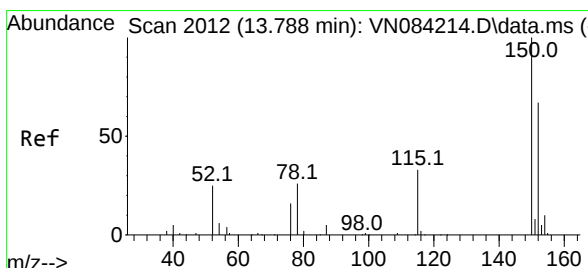
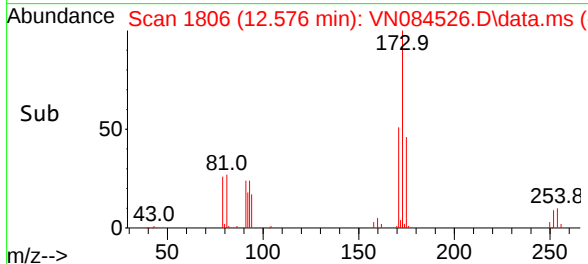
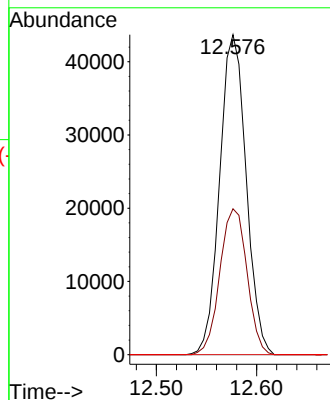
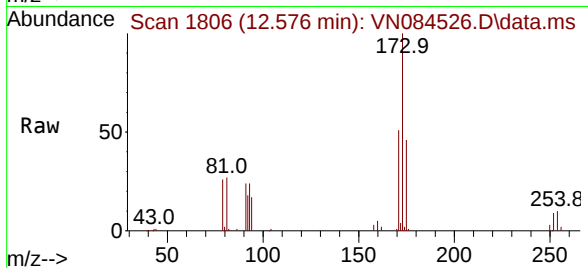
Tgt Ion:173 Resp: 80145

Ion Ratio Lower Upper

173 100

175 46.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

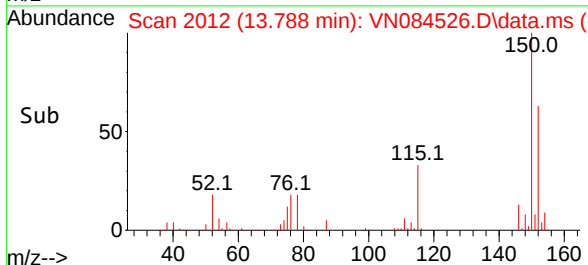
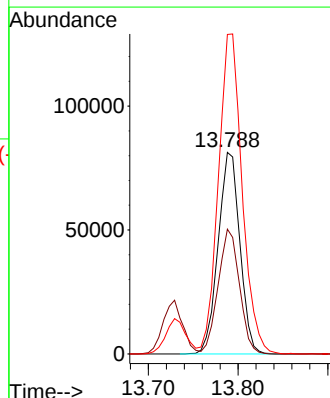
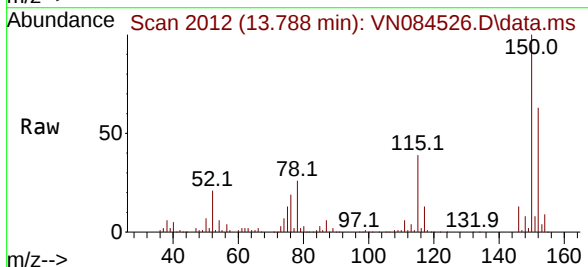
Tgt Ion:152 Resp: 136706

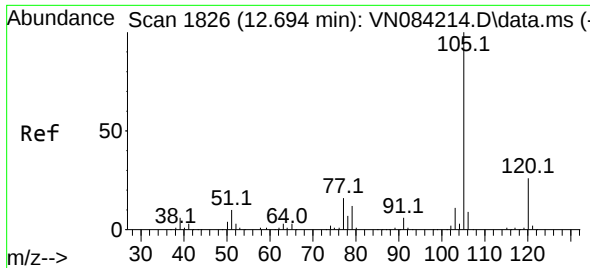
Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.9

150 173.8 0.0 349.8

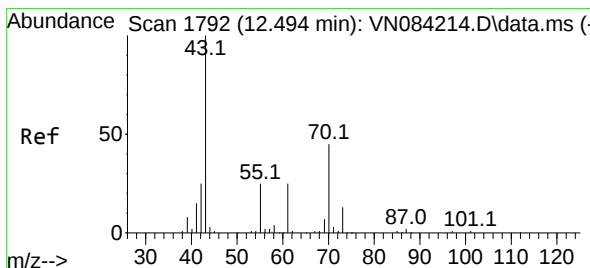
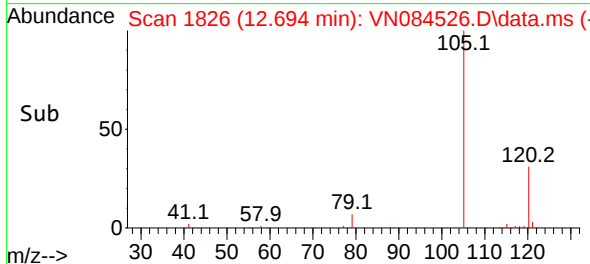
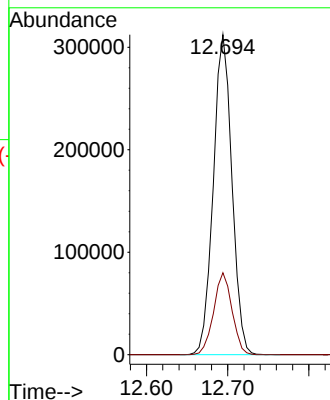
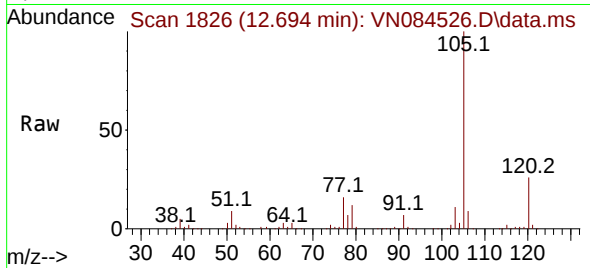




#73
Isopropylbenzene
Concen: 47.706 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

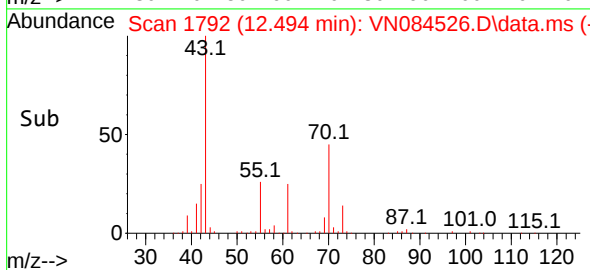
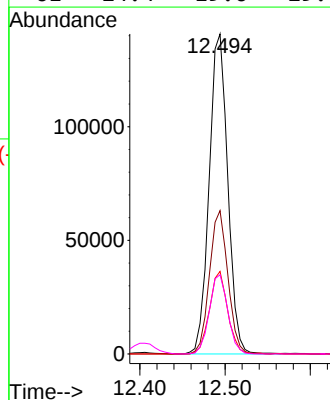
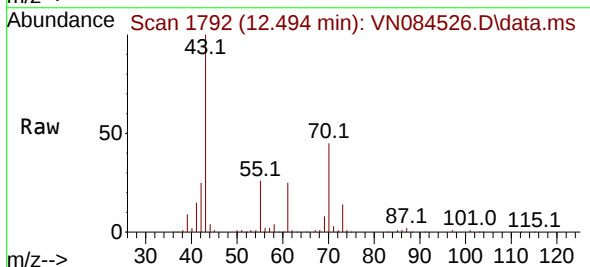
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

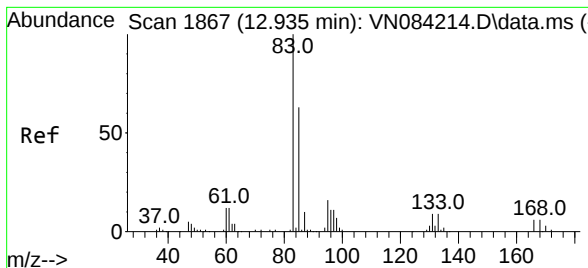
Tgt Ion:105 Resp: 497663
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.7



#74
N-ethyl acetate
Concen: 45.322 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 43 Resp: 214096
Ion Ratio Lower Upper
43 100
70 44.3 34.4 51.6
55 25.4 19.6 29.4
61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.998 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

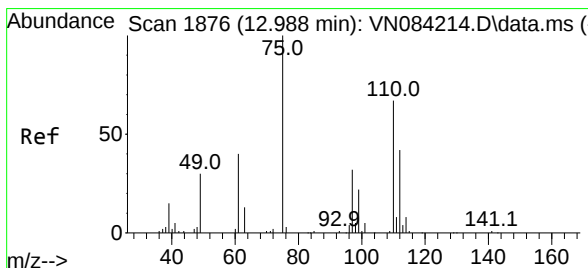
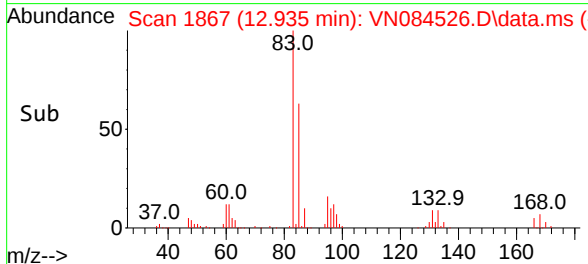
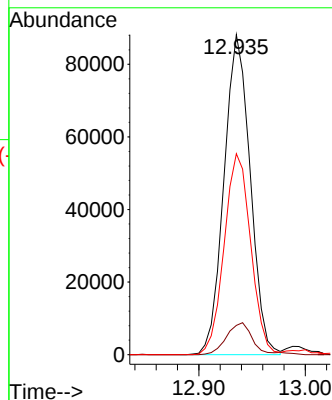
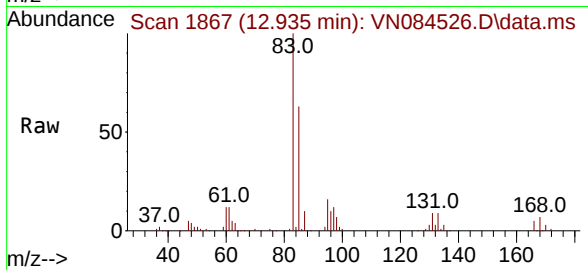
Tgt Ion: 83 Resp: 150561

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 63.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 68.876 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084526.D

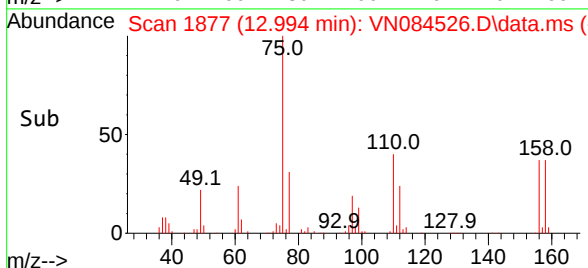
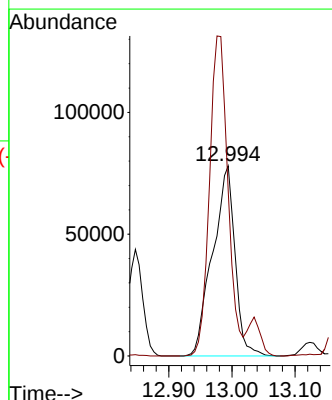
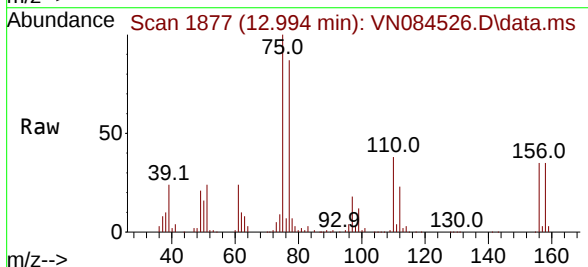
Acq: 25 Oct 2024 19:13

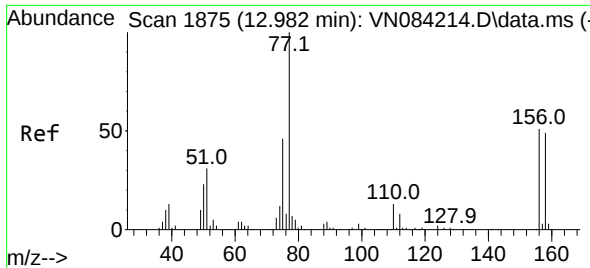
Tgt Ion: 75 Resp: 192225

Ion Ratio Lower Upper

75 100

77 138.5 96.9 290.7

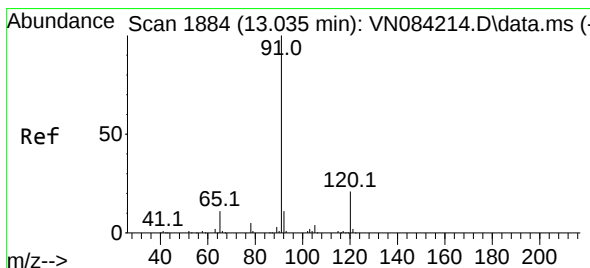
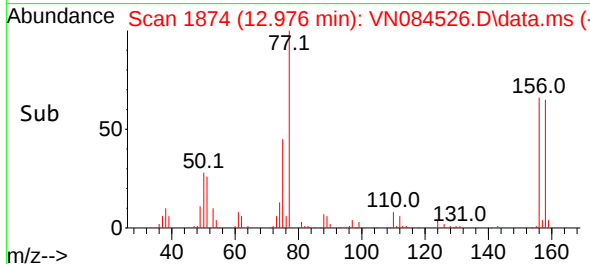
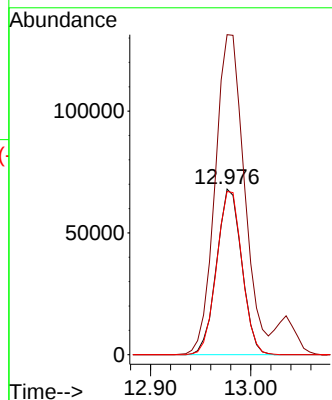
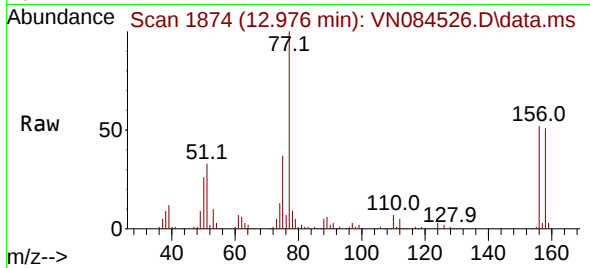




#77
Bromobenzene
Concen: 47.134 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

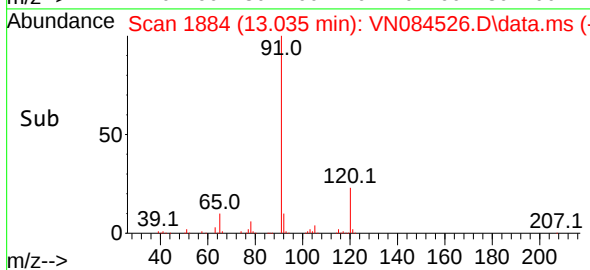
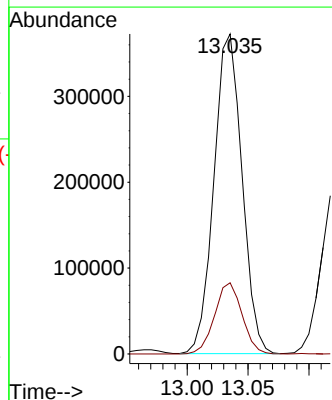
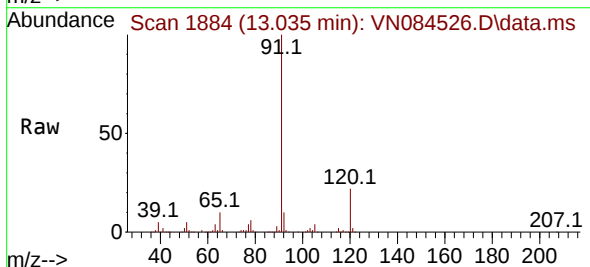
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

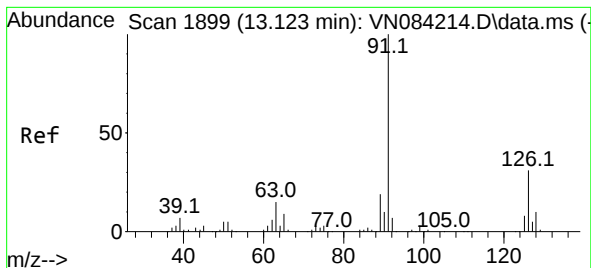
Tgt Ion:156 Resp: 118604
Ion Ratio Lower Upper
156 100
77 224.4 115.1 345.3
158 99.6 48.9 146.8



#78
n-propylbenzene
Concen: 49.330 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 91 Resp: 596232
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





#79

2-Chlorotoluene

Concen: 47.192 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

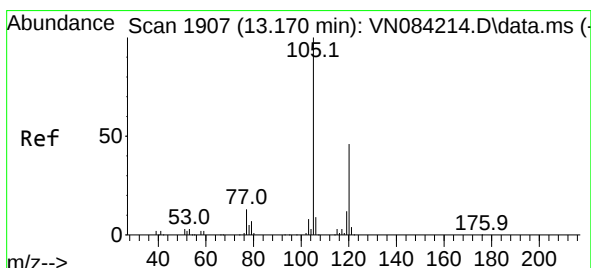
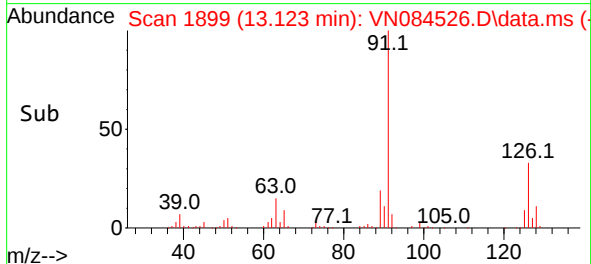
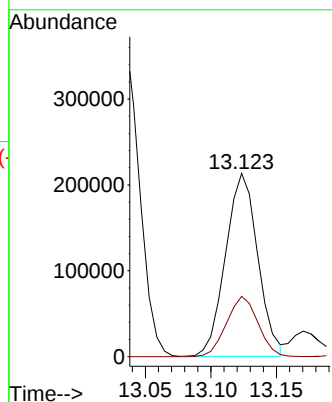
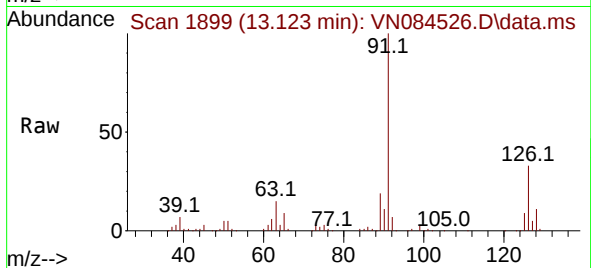
VSTDCCC050EC

Tgt Ion: 91 Resp: 363962

Ion Ratio Lower Upper

91 100

126 32.2 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 50.034 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084526.D

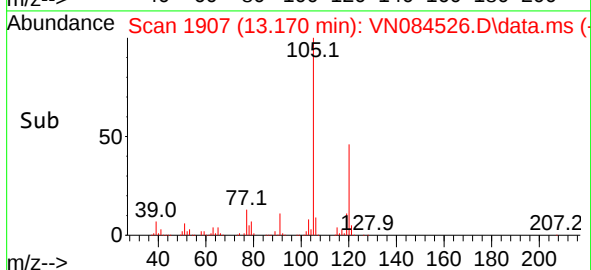
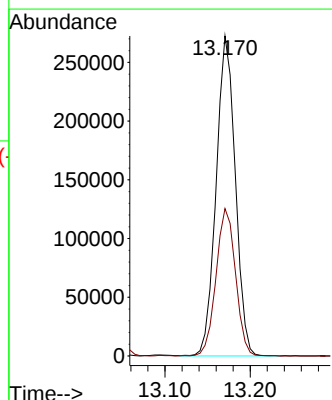
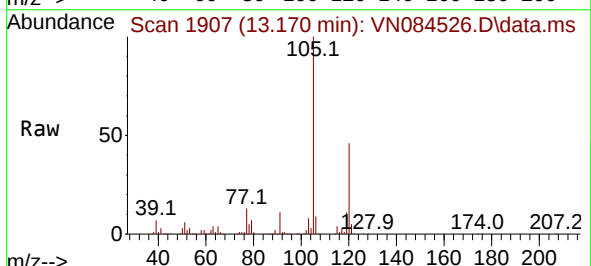
Acq: 25 Oct 2024 19:13

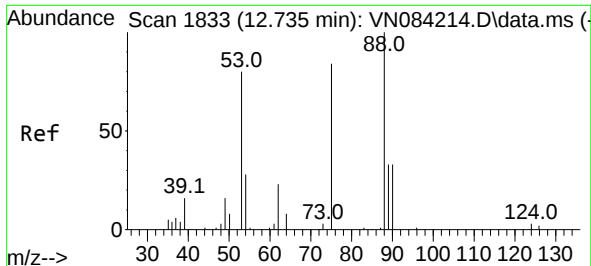
Tgt Ion:105 Resp: 425766

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1

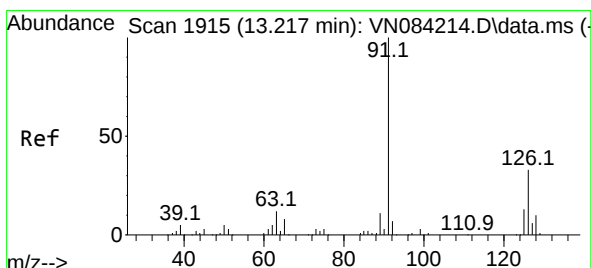
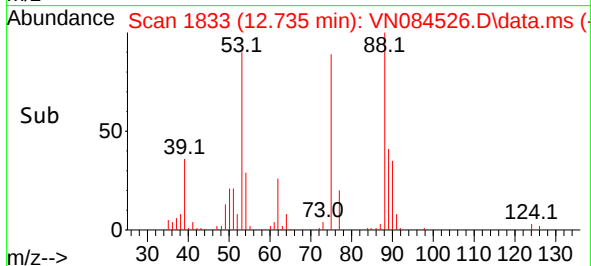
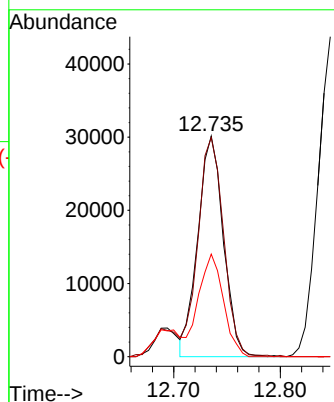
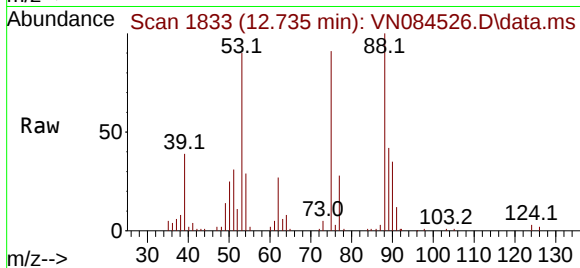




#81
trans-1,4-Dichloro-2-butene
Concen: 43.206 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

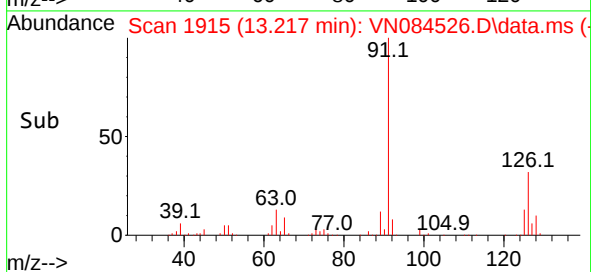
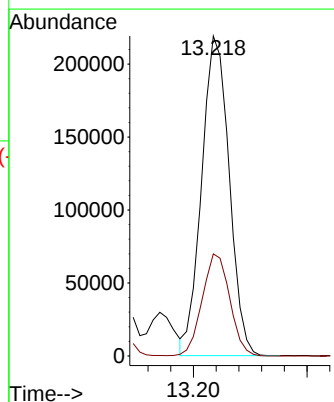
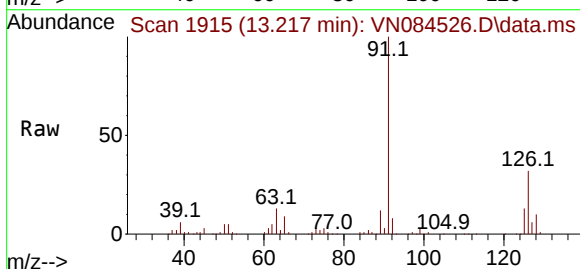
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

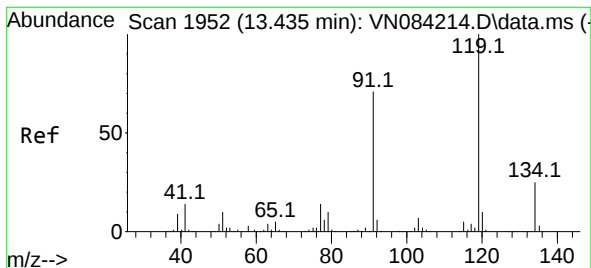
Tgt Ion: 75 Resp: 50296
Ion Ratio Lower Upper
75 100
53 99.8 78.0 117.0
89 44.5 35.5 53.3



#82
4-Chlorotoluene
Concen: 47.496 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 91 Resp: 368750
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1





#83

tert-Butylbenzene

Concen: 47.471 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

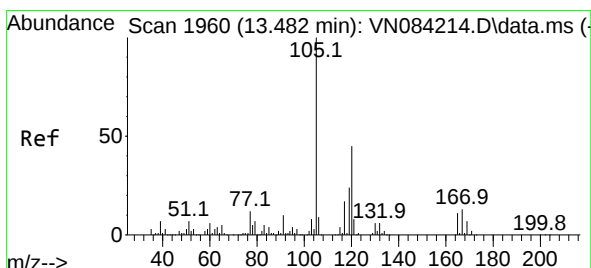
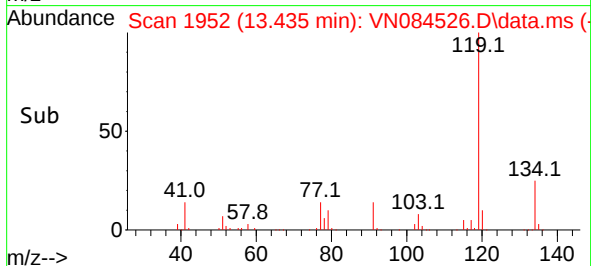
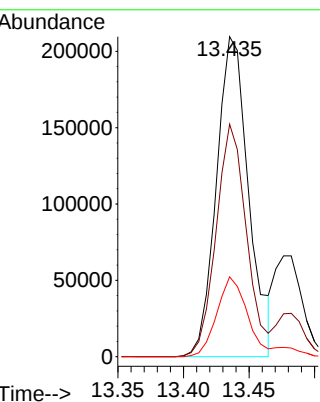
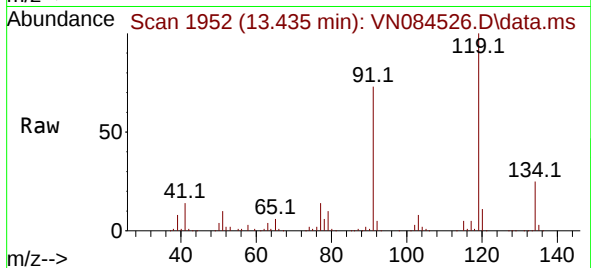
Tgt Ion:119 Resp: 359032

Ion Ratio Lower Upper

119 100

91 68.4 34.1 102.3

134 25.7 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 50.510 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084526.D

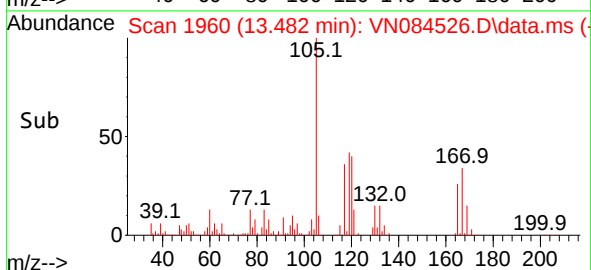
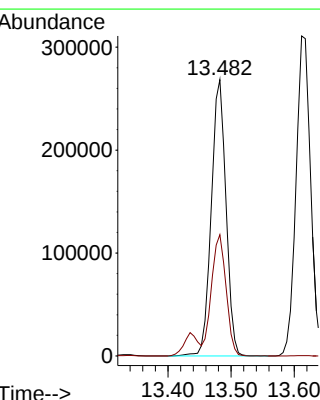
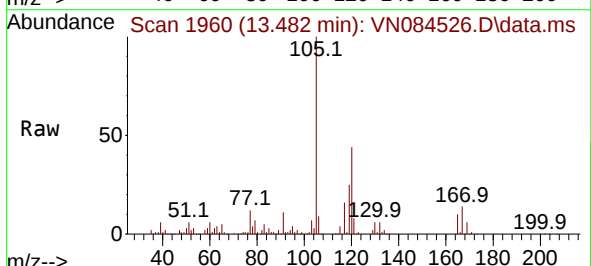
Acq: 25 Oct 2024 19:13

Tgt Ion:105 Resp: 432987

Ion Ratio Lower Upper

105 100

120 43.7 22.3 66.8

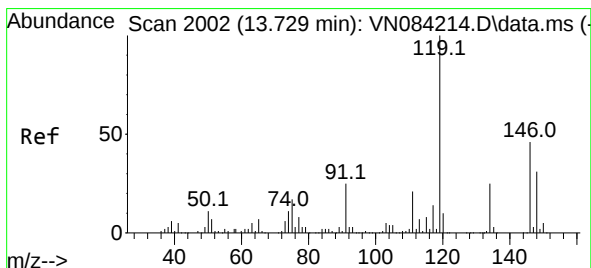
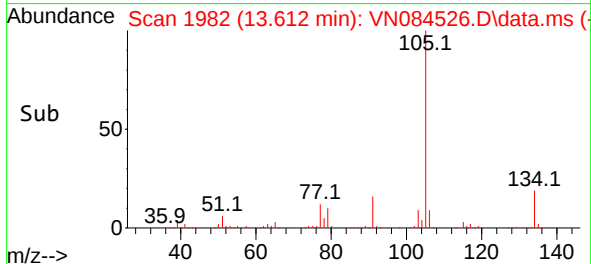
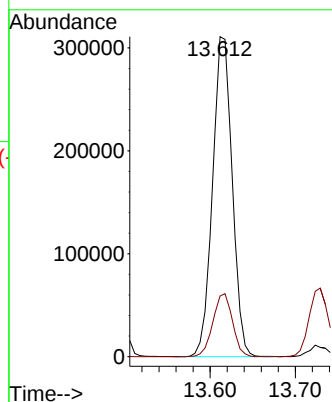
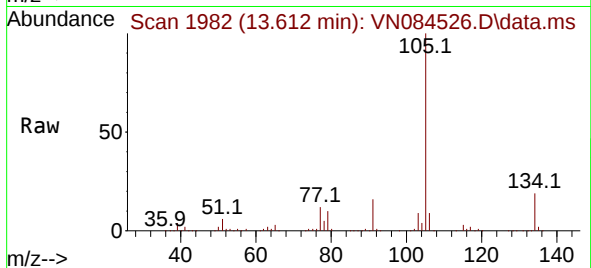




#85
 sec-Butylbenzene
 Concen: 49.306 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

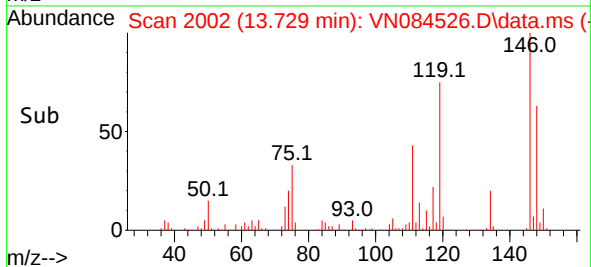
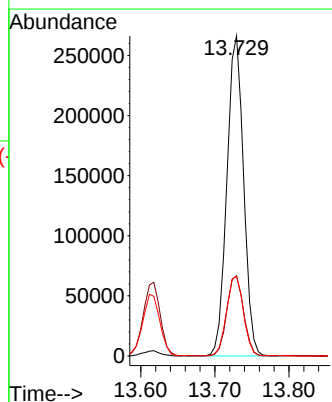
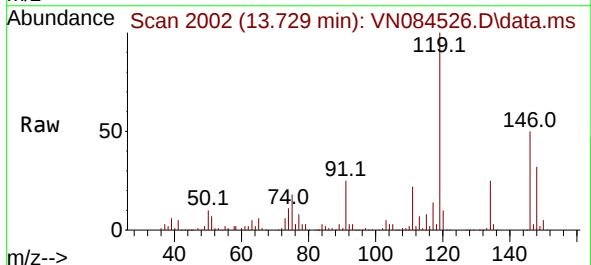
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

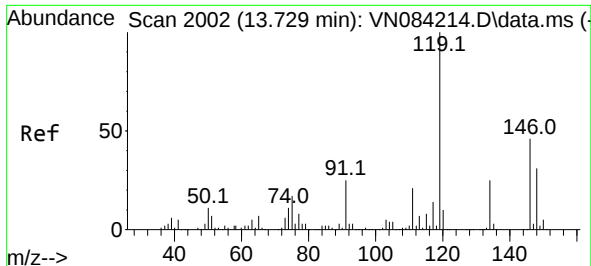
Tgt Ion:105 Resp: 497624
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.893 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

Tgt Ion:119 Resp: 416390
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.1 12.4 37.2

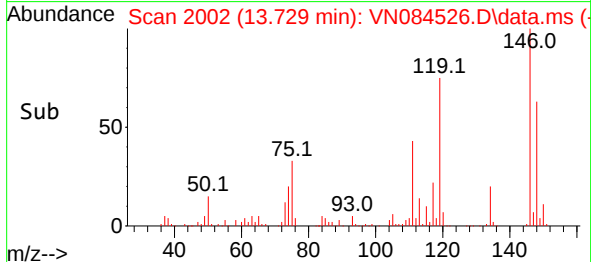
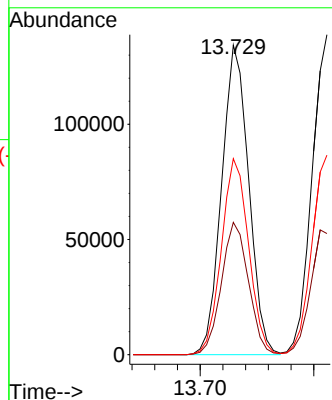
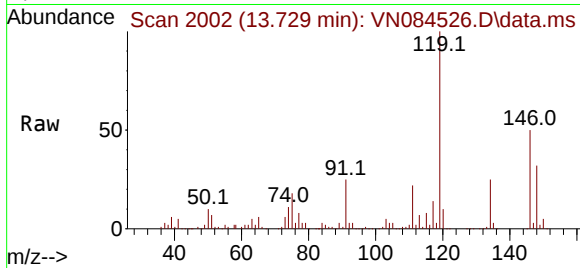




#87
 1,3-Dichlorobenzene
 Concen: 47.055 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

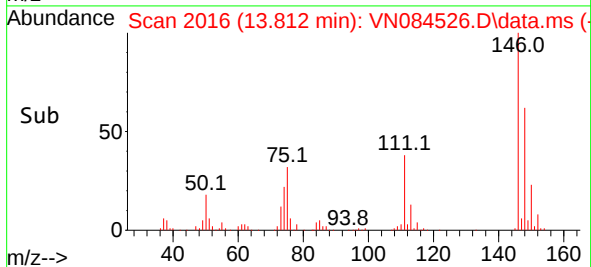
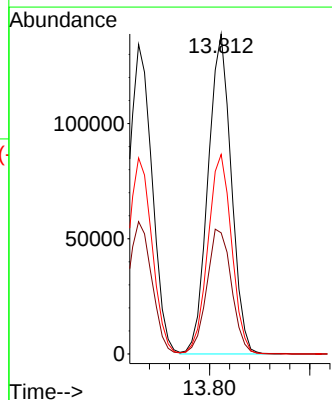
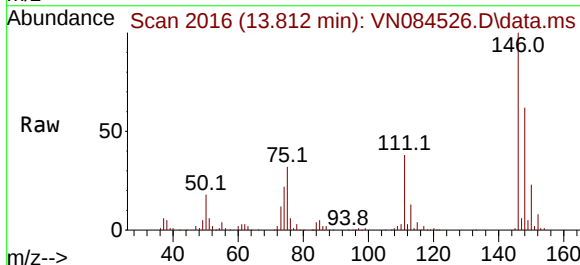
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

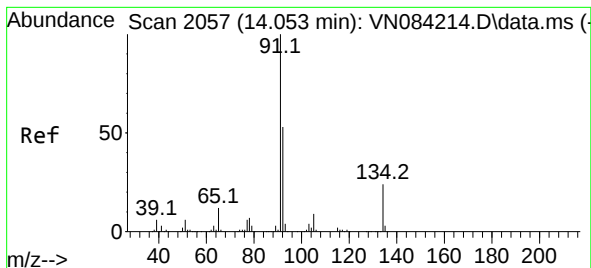
Tgt Ion:146 Resp: 222126
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.8 65.3
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.984 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084526.D
 Acq: 25 Oct 2024 19:13

Tgt Ion:146 Resp: 223979
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.2 63.6
 148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 46.782 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

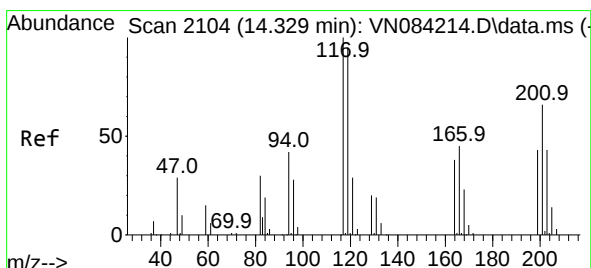
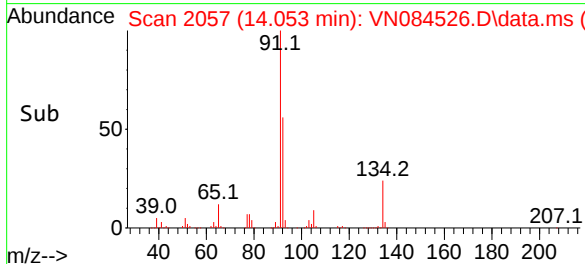
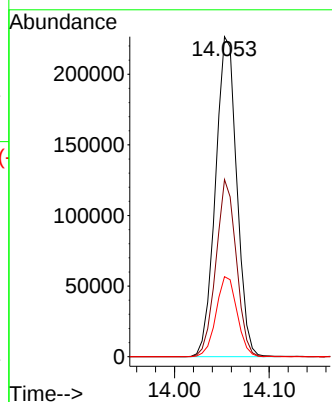
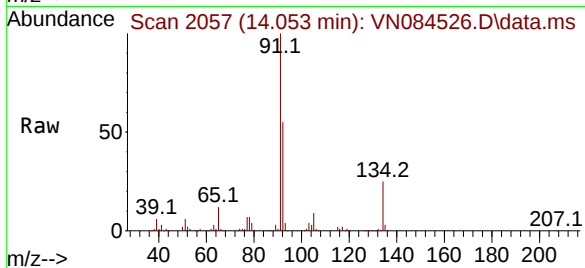
Tgt Ion: 91 Resp: 354026

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 24.7 12.3 36.9



#90

Hexachloroethane

Concen: 44.573 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084526.D

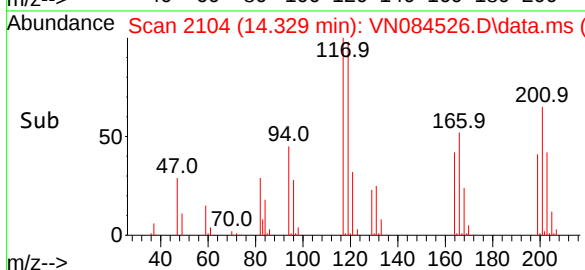
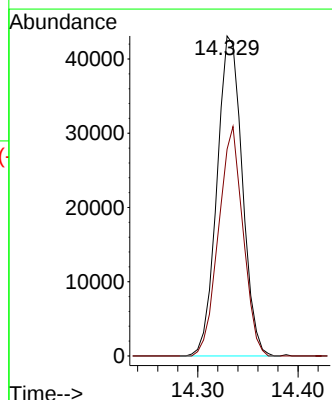
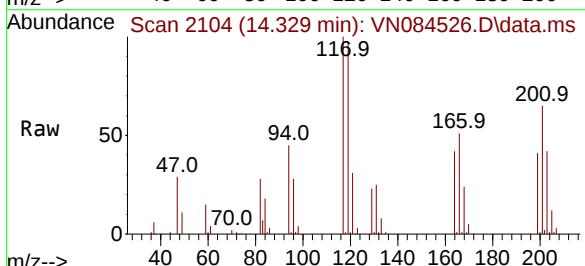
Acq: 25 Oct 2024 19:13

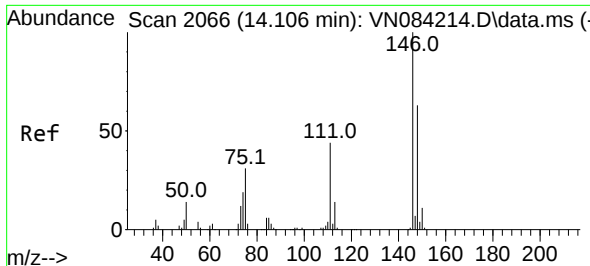
Tgt Ion: 117 Resp: 75508

Ion Ratio Lower Upper

117 100

201 69.2 34.4 103.2

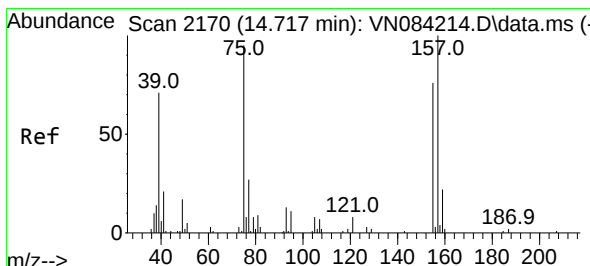
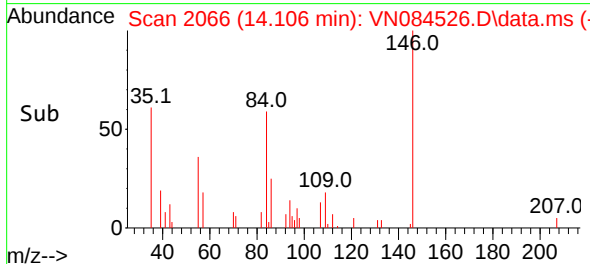
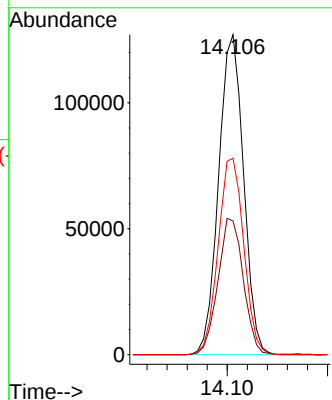
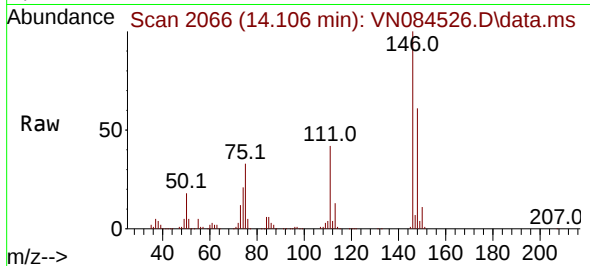




#91
1,2-Dichlorobenzene
Concen: 47.263 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

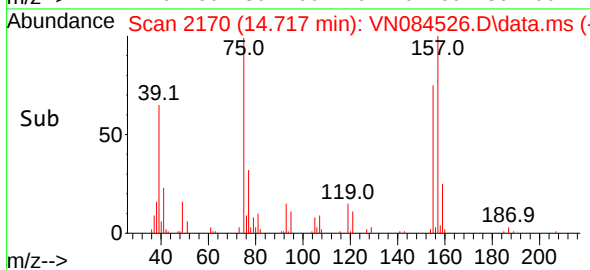
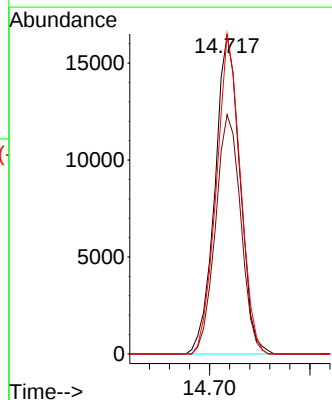
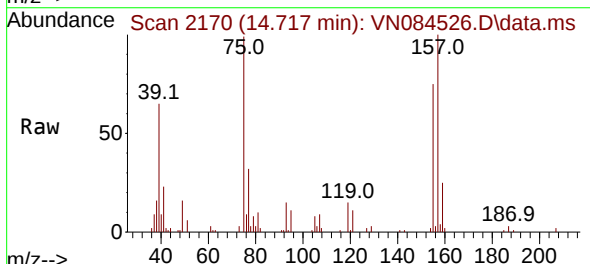
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

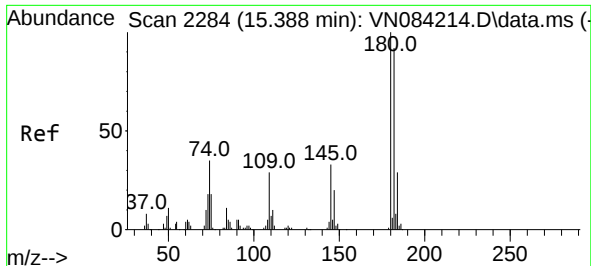
Tgt Ion:146 Resp: 218768
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 63.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.075 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion: 75 Resp: 28530
Ion Ratio Lower Upper
75 100
155 75.5 38.1 114.5
157 95.8 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 45.570 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

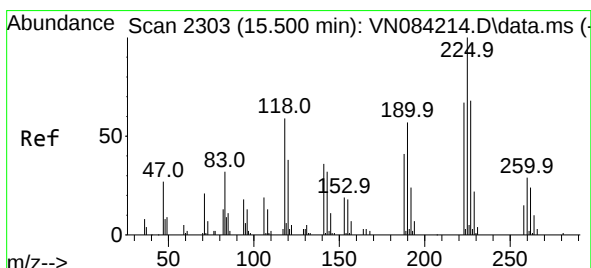
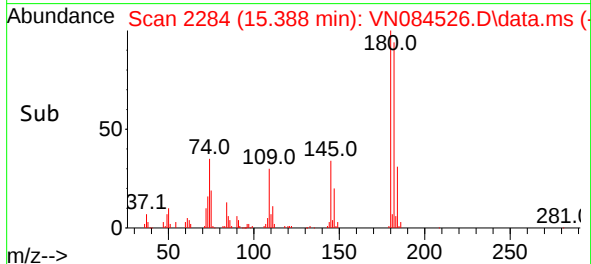
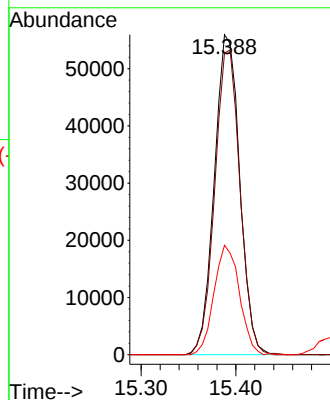
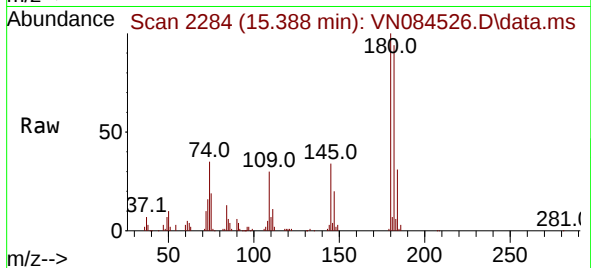
Tgt Ion:180 Resp: 103896

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.0

145 34.3 16.4 49.4



#94

Hexachlorobutadiene

Concen: 40.733 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084526.D

Acq: 25 Oct 2024 19:13

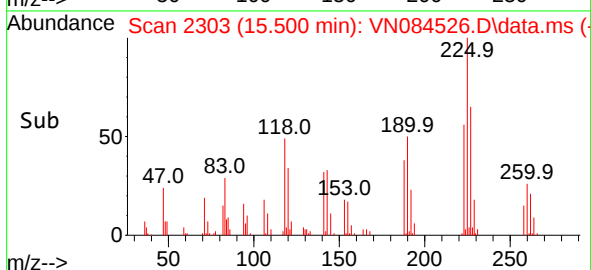
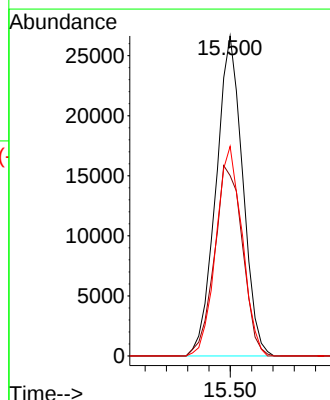
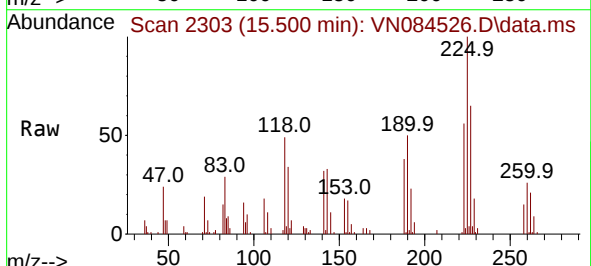
Tgt Ion:225 Resp: 46312

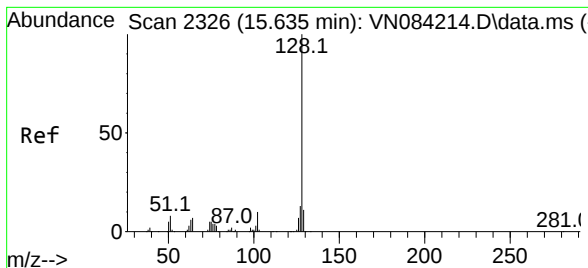
Ion Ratio Lower Upper

225 100

223 62.7 32.4 97.2

227 64.0 32.4 97.0

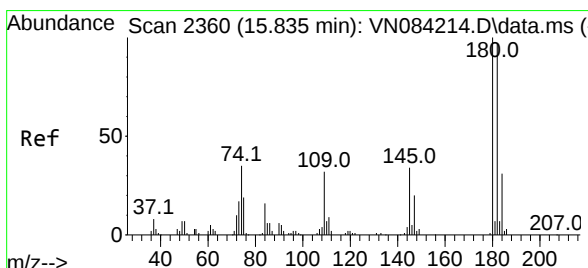
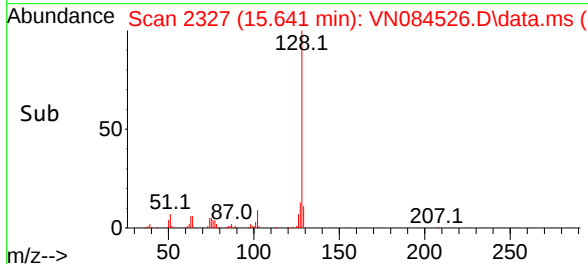
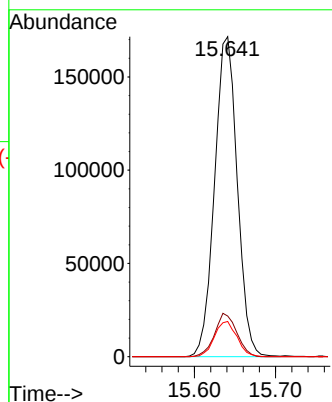
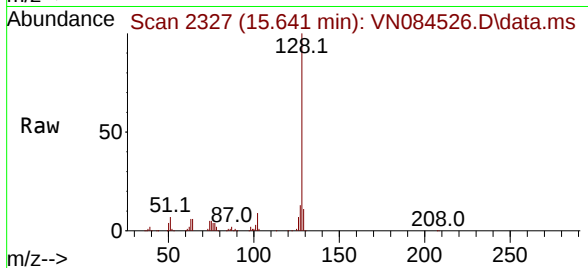




#95
Naphthalene
Concen: 44.152 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 333714
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.202 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084526.D
Acq: 25 Oct 2024 19:13

Tgt Ion:180 Resp: 103160
Ion Ratio Lower Upper
180 100
182 96.2 48.2 144.6
145 33.9 17.3 51.9

