

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084464.D
 Acq On : 22 Oct 2024 19:10
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 23 01:33:12 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	164294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121314	49.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.600%
35) Dibromofluoromethane	8.165	113	98194	52.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.060%
50) Toluene-d8	10.565	98	356709	51.864	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.847	95	133216	53.166	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78025	40.150	ug/l	97
3) Chloromethane	2.360	50	98644	44.455	ug/l	97
4) Vinyl Chloride	2.512	62	100282	46.656	ug/l	99
5) Bromomethane	2.936	94	60529	42.694	ug/l	96
6) Chloroethane	3.107	64	65942	42.838	ug/l	96
7) Trichlorofluoromethane	3.495	101	169232	50.562	ug/l	98
8) Diethyl Ether	3.959	74	62844	50.626	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	96973	50.565	ug/l	100
10) Methyl Iodide	4.589	142	125719	50.904	ug/l	94
11) Tert butyl alcohol	5.530	59	89149	221.946	ug/l	99
12) 1,1-Dichloroethene	4.342	96	95402	51.573	ug/l	95
13) Acrolein	4.183	56	103638	224.751	ug/l	100
14) Allyl chloride	5.024	41	148364	46.181	ug/l	99
15) Acrylonitrile	5.718	53	266330	262.567	ug/l	99
16) Acetone	4.430	43	218038	208.362	ug/l	100
17) Carbon Disulfide	4.712	76	266930	45.577	ug/l	99
18) Methyl Acetate	5.030	43	117821	51.658	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	323323	51.785	ug/l	99
20) Methylene Chloride	5.277	84	111451	52.394	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	101076	52.154	ug/l	96
22) Diisopropyl ether	6.677	45	347126	52.237	ug/l	99
23) Vinyl Acetate	6.606	43	1307522	265.286	ug/l	100
24) 1,1-Dichloroethane	6.565	63	197001	53.012	ug/l	98
25) 2-Butanone	7.489	43	346199	242.901	ug/l	100
26) 2,2-Dichloropropane	7.489	77	154700	46.170	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	122830	52.449	ug/l	96
28) Bromochloromethane	7.812	49	80419	48.502	ug/l	98
29) Tetrahydrofuran	7.836	42	229263	260.658	ug/l	98
30) Chloroform	7.965	83	206986	53.621	ug/l	98
31) Cyclohexane	8.253	56	175264	48.574	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	183943	53.058	ug/l	99
36) 1,1-Dichloropropene	8.371	75	141201	52.000	ug/l	100
37) Ethyl Acetate	7.559	43	142788	51.256	ug/l	99
38) Carbon Tetrachloride	8.359	117	157033	52.719	ug/l	100
39) Methylcyclohexane	9.600	83	154691	51.186	ug/l	100
40) Benzene	8.606	78	450399	53.237	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78582	51.960	ug/l	98
42) 1,2-Dichloroethane	8.671	62	152659	53.226	ug/l	99
43) Isopropyl Acetate	8.689	43	262069	48.029	ug/l	98
44) Trichloroethene	9.353	130	102007	51.623	ug/l	98
45) 1,2-Dichloropropane	9.618	63	109365	54.645	ug/l	96
46) Dibromomethane	9.706	93	76963	56.984	ug/l	97
47) Bromodichloromethane	9.888	83	165685	55.217	ug/l	96
48) Methyl methacrylate	9.683	41	115046	52.966	ug/l	98
49) 1,4-Dioxane	9.694	88	42320	1058.308	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	730055	275.291	ug/l	99
52) Toluene	10.630	92	284031	55.055	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	164344	53.730	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	179083	54.433	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	103486	55.954	ug/l	97
56) Ethyl methacrylate	10.871	69	171724	56.428	ug/l	98
57) 1,3-Dichloropropane	11.165	76	179794	54.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	356176	252.296	ug/l	97
59) 2-Hexanone	11.194	43	538548	271.707	ug/l	99
60) Dibromochloromethane	11.359	129	123673	56.595	ug/l	99
61) 1,2-Dibromoethane	11.471	107	105278	54.782	ug/l	99
64) Tetrachloroethene	11.106	164	91732	51.295	ug/l	96
65) Chlorobenzene	11.888	112	299927	52.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	106419	54.273	ug/l	98
67) Ethyl Benzene	11.965	91	538187	53.458	ug/l	98
68) m/p-Xylenes	12.071	106	415651	111.613	ug/l	99
69) o-Xylene	12.400	106	198143	56.237	ug/l	99
70) Styrene	12.412	104	341693	57.255	ug/l	98
71) Bromoform	12.576	173	82837	57.382	ug/l #	100
73) Isopropylbenzene	12.694	105	505467	51.046	ug/l	100
74) N-amyl acetate	12.494	43	220493	49.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	152487	51.213	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	196236	74.075	ug/l	62
77) Bromobenzene	12.976	156	122511	51.291	ug/l	95
78) n-propylbenzene	13.035	91	599366	52.243	ug/l	99
79) 2-Chlorotoluene	13.124	91	367237	50.163	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	433774	53.702	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51372	46.491	ug/l	98
82) 4-Chlorotoluene	13.218	91	374840	50.863	ug/l	98
83) tert-Butylbenzene	13.435	119	365550	50.918	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	439968	54.070	ug/l	99
85) sec-Butylbenzene	13.618	105	504290	52.640	ug/l	99
86) p-Isopropyltoluene	13.729	119	421808	53.246	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229520	51.222	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	226918	50.147	ug/l	98
89) n-Butylbenzene	14.053	91	357432	49.759	ug/l	99
90) Hexachloroethane	14.335	117	77686	48.312	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223667	50.906	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	29542	48.080	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	105936	48.951	ug/l	100
94) Hexachlorobutadiene	15.500	225	48172	44.635	ug/l	99
95) Naphthalene	15.641	128	348005	48.506	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105176	48.551	ug/l	98

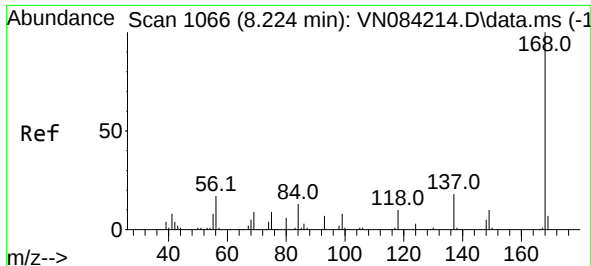
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

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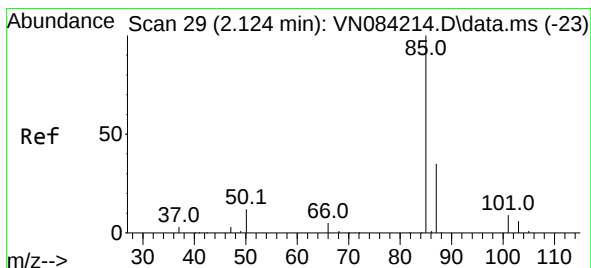
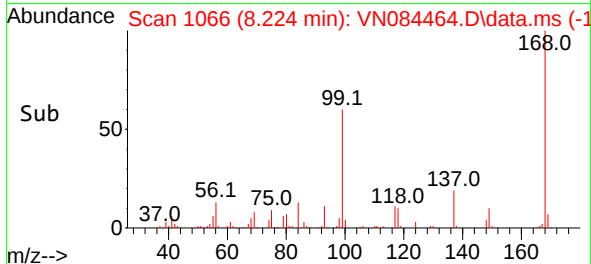
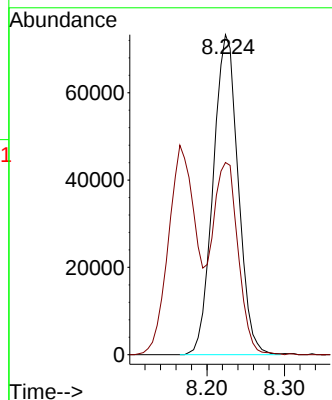
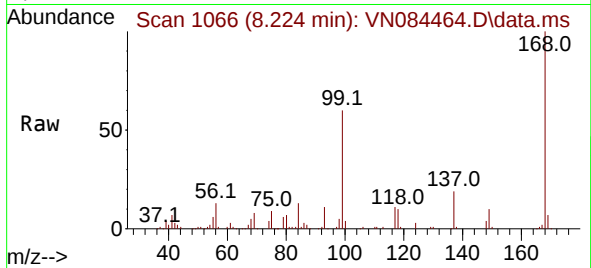
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

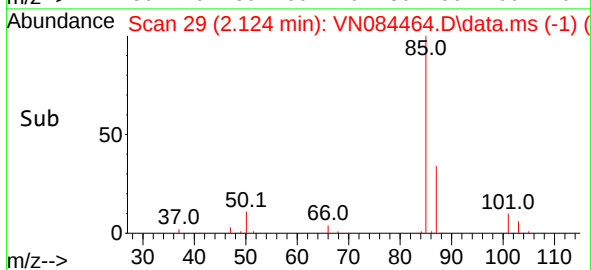
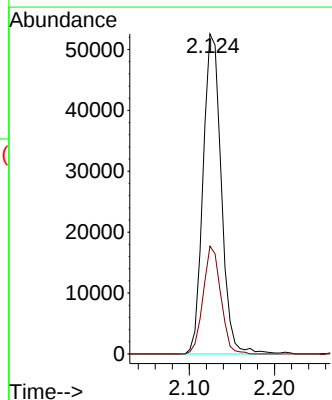
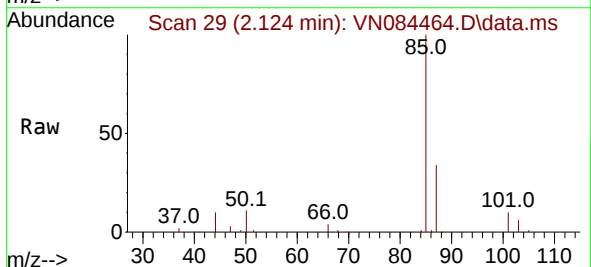
Instrument :
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ClientSampleId :
VSTDCCC050EC

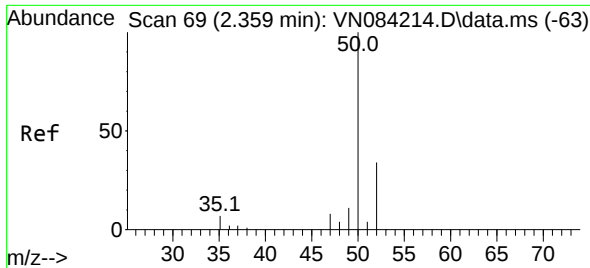
Tgt Ion:168 Resp: 164294
Ion Ratio Lower Upper
168 100
99 59.8 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 40.150 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 85 Resp: 78025
Ion Ratio Lower Upper
85 100
87 33.7 17.6 52.9

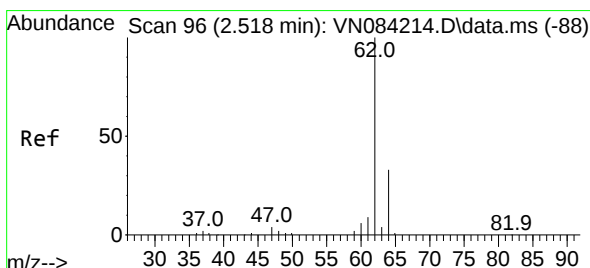
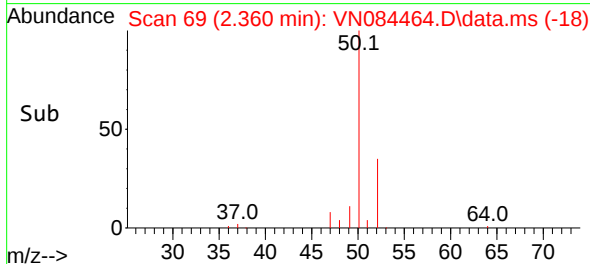
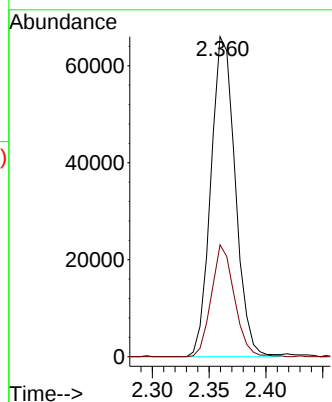
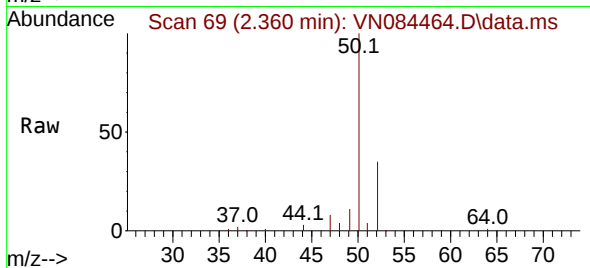




#3
Chloromethane
Concen: 44.455 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

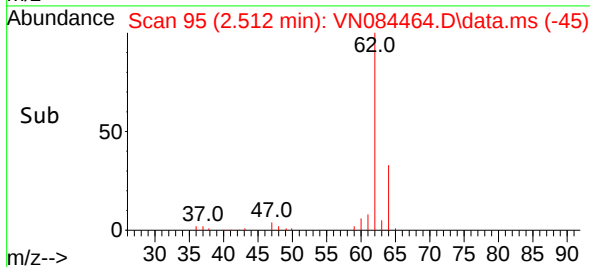
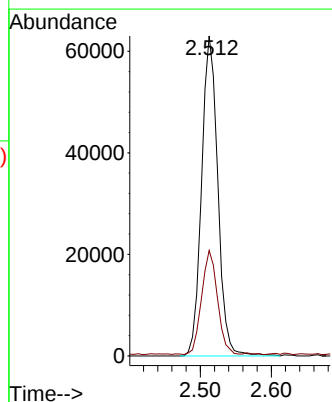
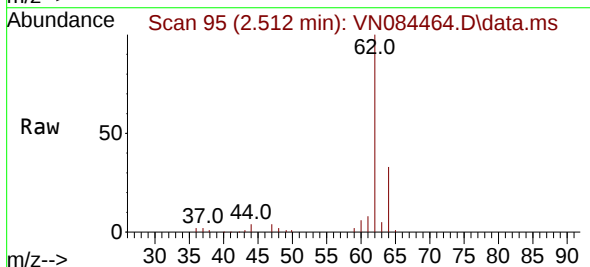
Instrument :
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ClientSampleId :
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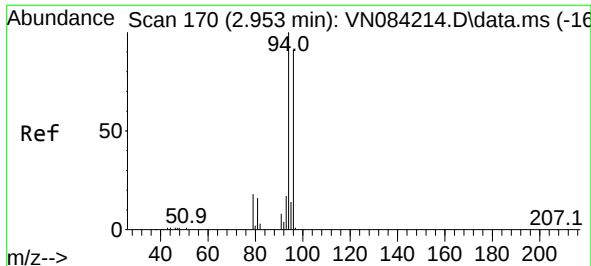
Tgt Ion: 50 Resp: 98644
Ion Ratio Lower Upper
50 100
52 34.9 26.8 40.2



#4
Vinyl Chloride
Concen: 46.656 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 62 Resp: 100282
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4

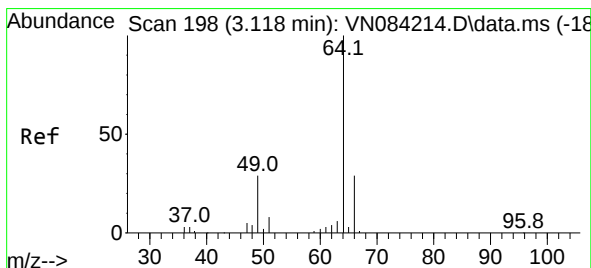
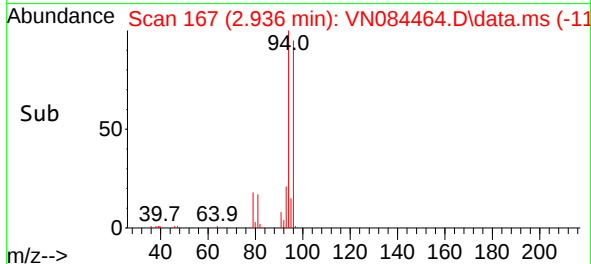
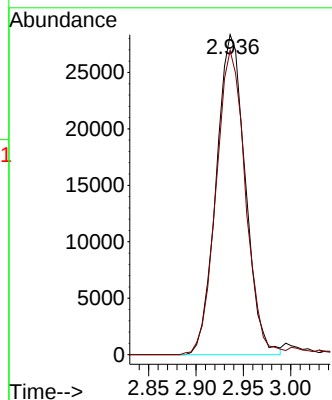
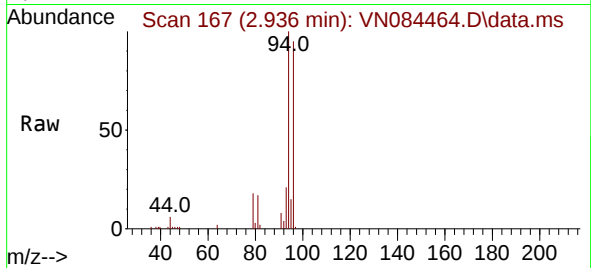




#5
Bromomethane
Concen: 42.694 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

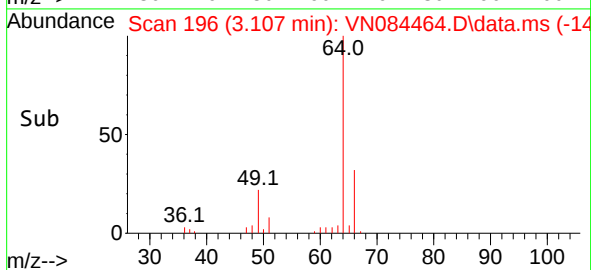
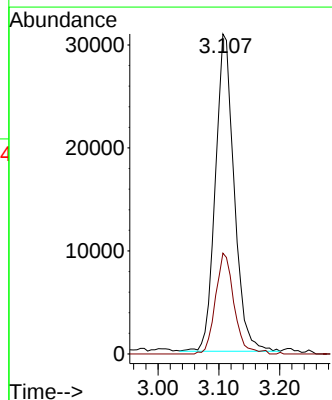
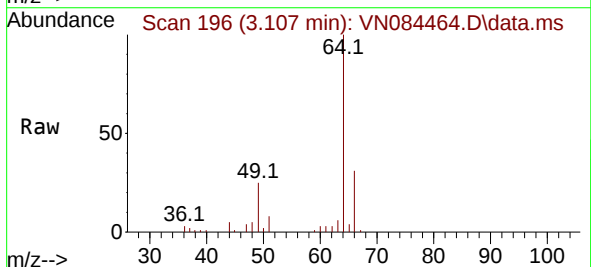
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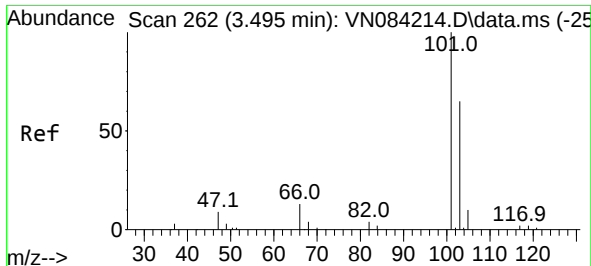
Tgt Ion: 94 Resp: 60529
Ion Ratio Lower Upper
94 100
96 95.0 72.9 109.3



#6
Chloroethane
Concen: 42.838 ug/l
RT: 3.107 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 64 Resp: 65942
Ion Ratio Lower Upper
64 100
66 31.7 23.5 35.3

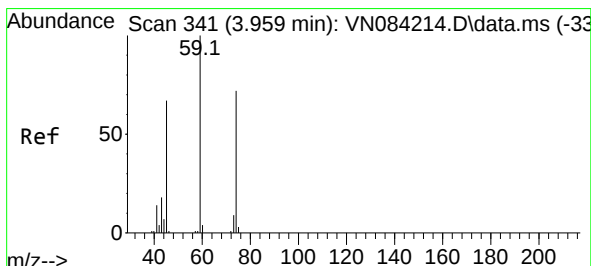
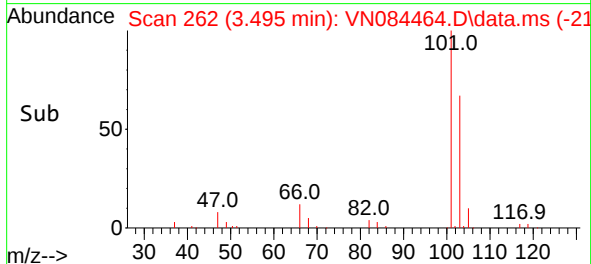
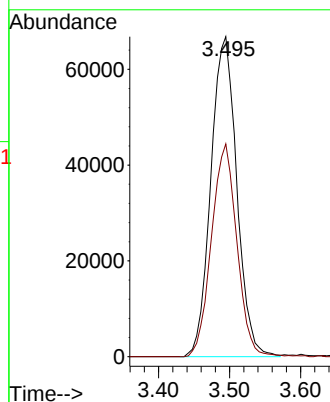
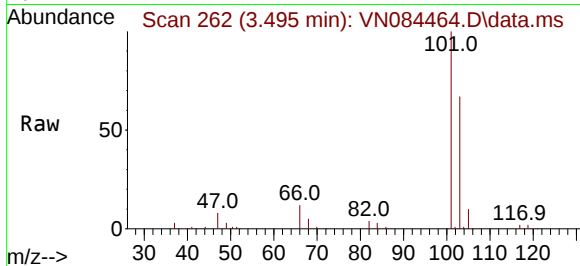




#7
 Trichlorofluoromethane
 Concen: 50.562 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

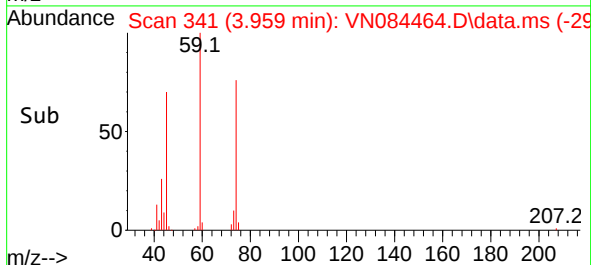
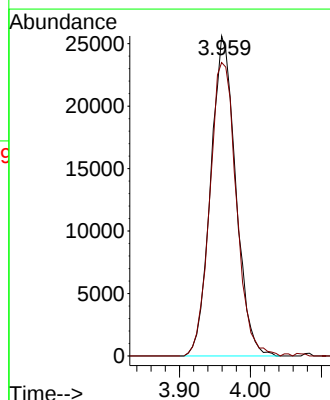
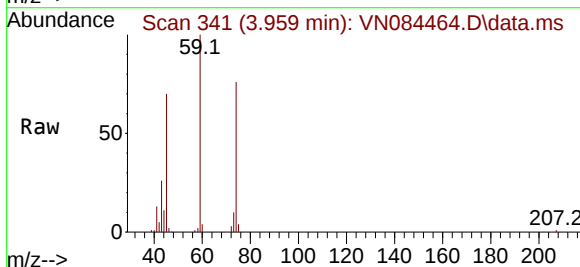
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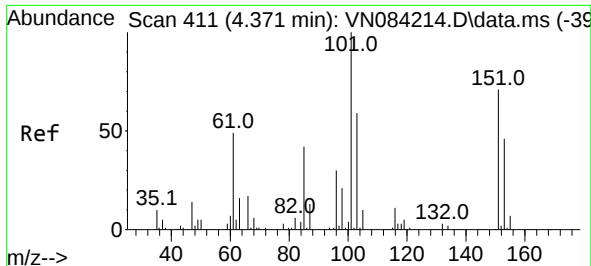
Tgt Ion:101 Resp: 169232
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.8 77.6



#8
 Diethyl Ether
 Concen: 50.626 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion: 74 Resp: 62844
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.7 143.1

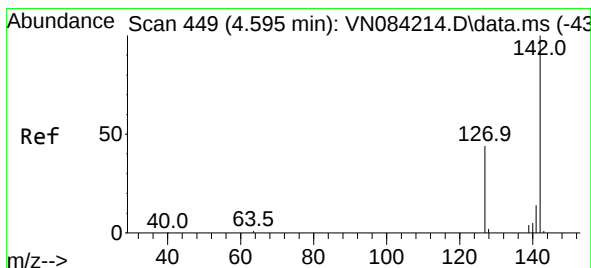
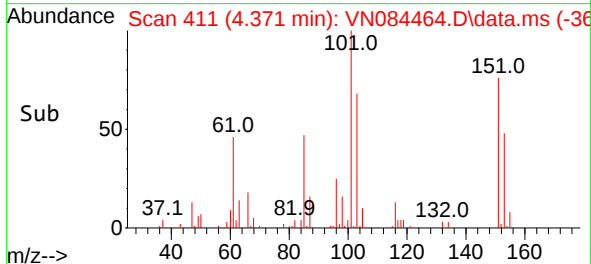
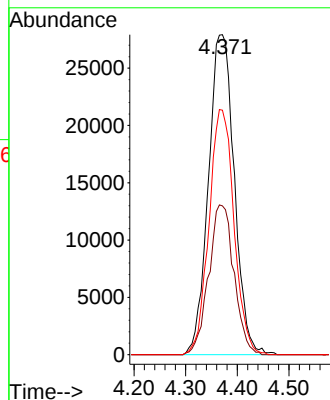
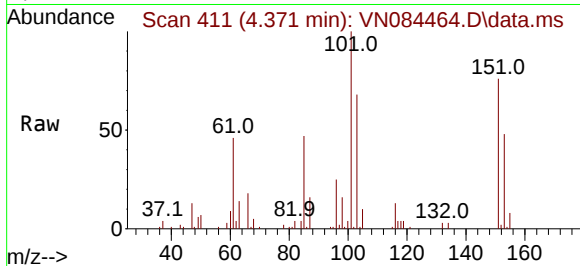




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.565 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

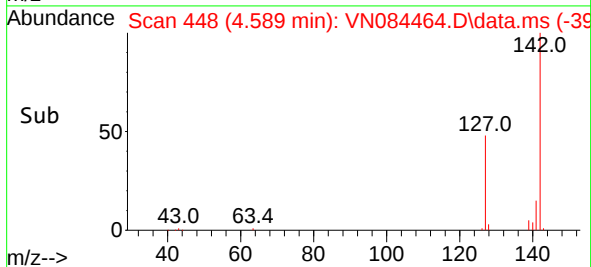
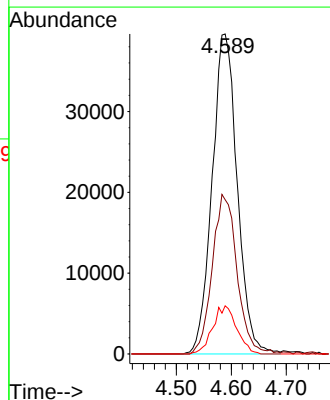
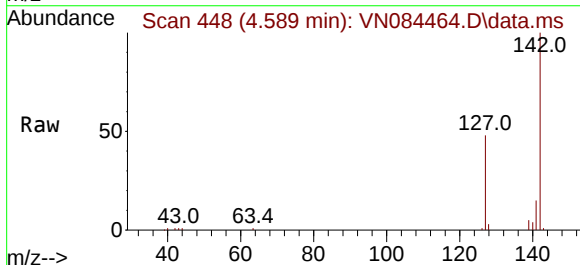
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

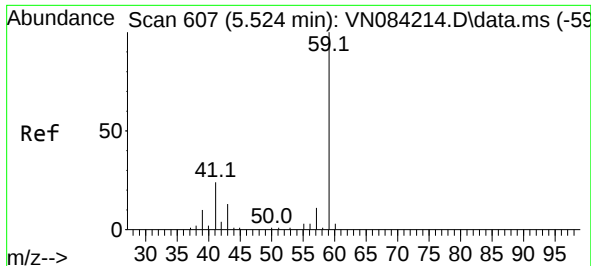
Tgt Ion:101 Resp: 96973
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 74.0 59.3 88.9



#10
Methyl Iodide
Concen: 50.904 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion:142 Resp: 125719
Ion Ratio Lower Upper
142 100
127 48.2 35.3 52.9
141 15.1 11.0 16.6

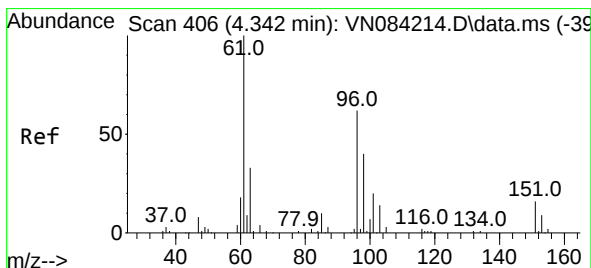
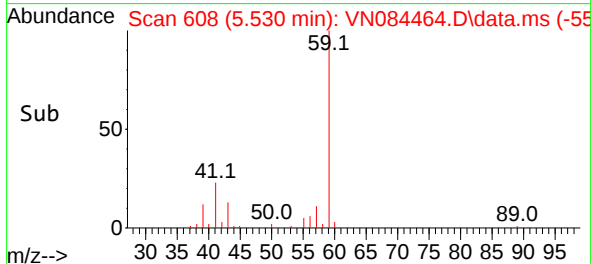
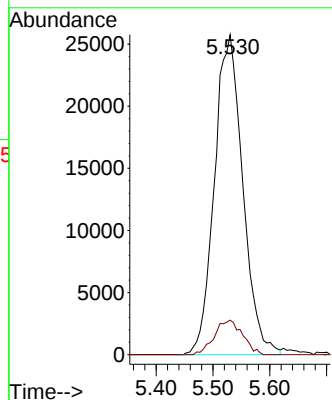
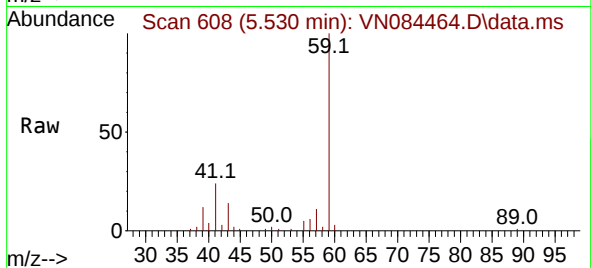




#11
Tert butyl alcohol
Concen: 221.946 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

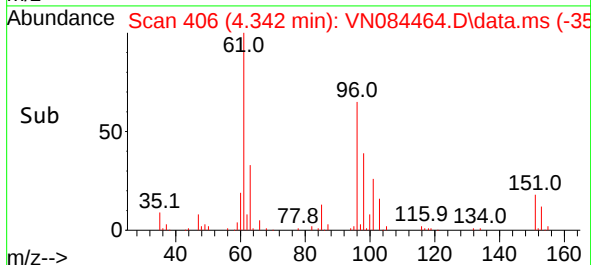
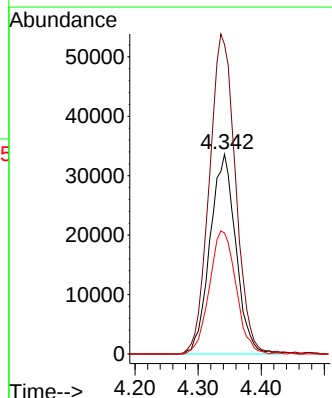
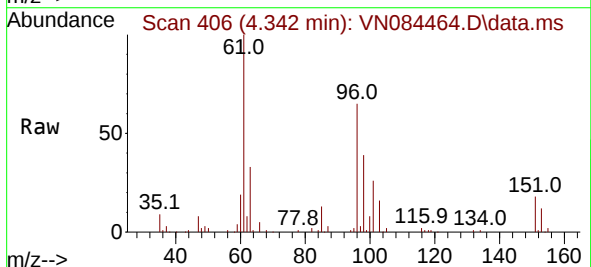
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

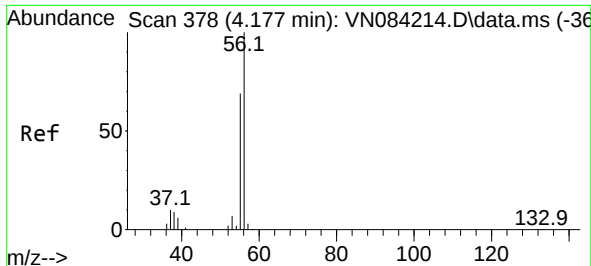
Tgt Ion: 59 Resp: 89149
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.573 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 96 Resp: 95402
Ion Ratio Lower Upper
96 100
61 155.0 128.6 192.8
98 60.5 51.7 77.5

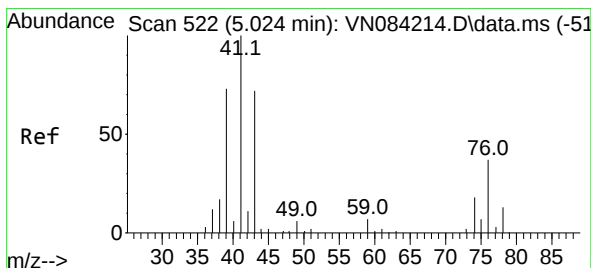
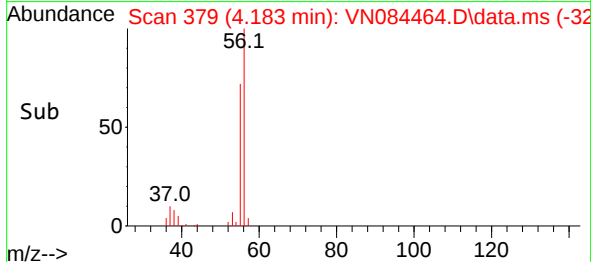
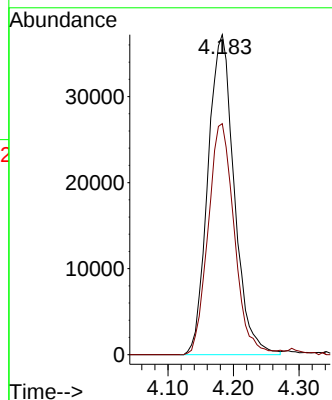
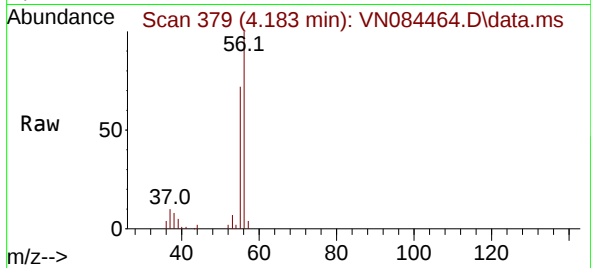




#13
Acrolein
Concen: 224.751 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

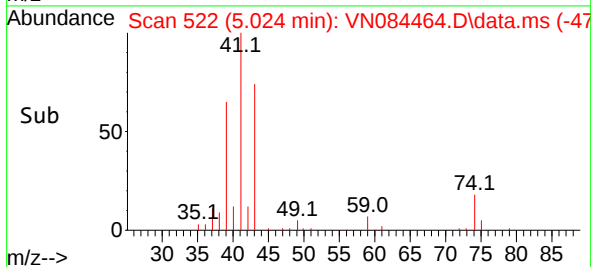
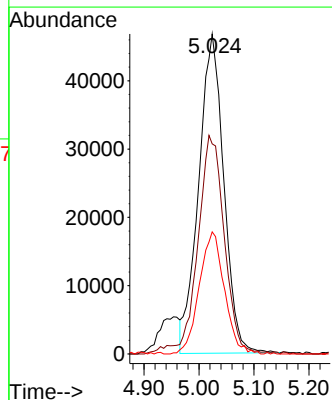
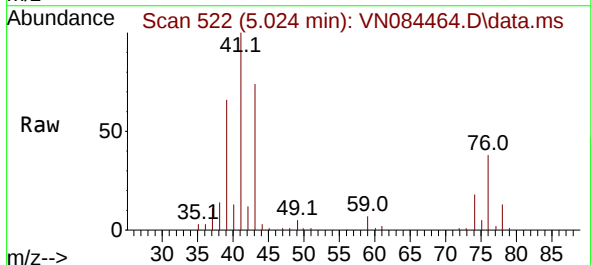
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

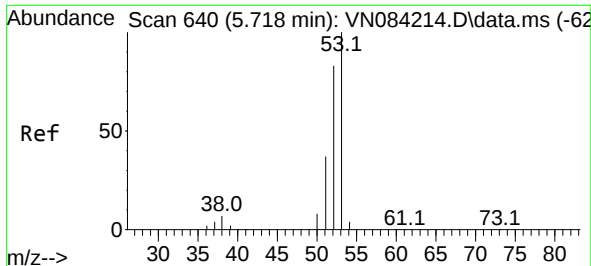
Tgt Ion: 56 Resp: 103638
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8



#14
Allyl chloride
Concen: 46.181 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 41 Resp: 148364
Ion Ratio Lower Upper
41 100
39 72.7 59.0 88.6
76 38.3 29.8 44.6

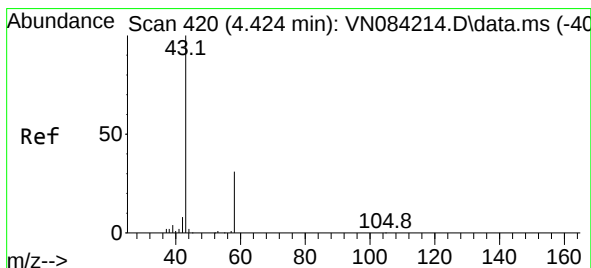
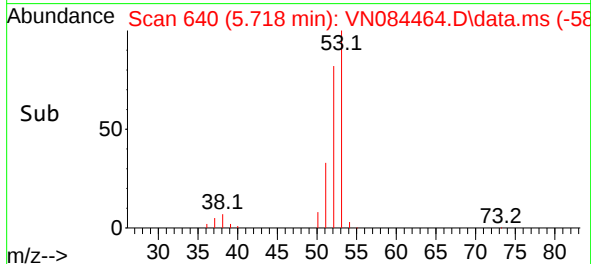
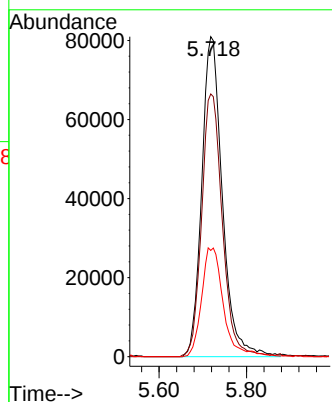
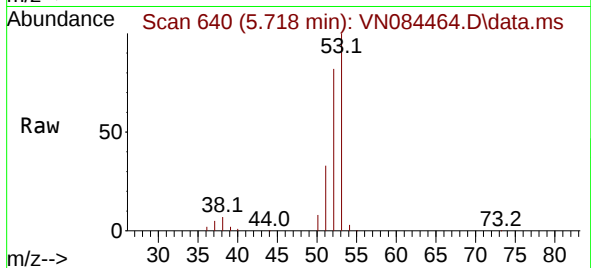




#15
Acrylonitrile
Concen: 262.567 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

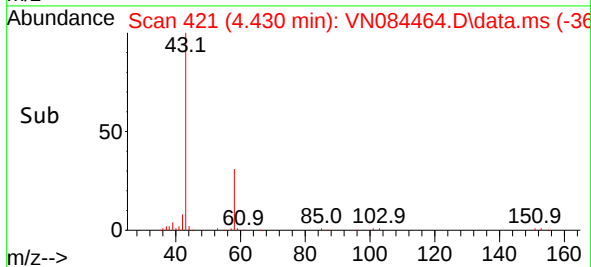
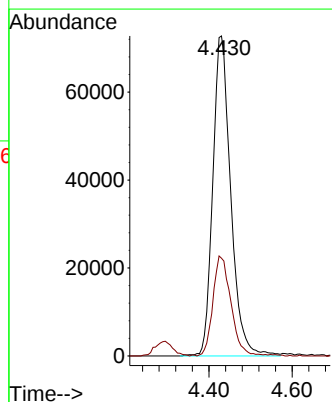
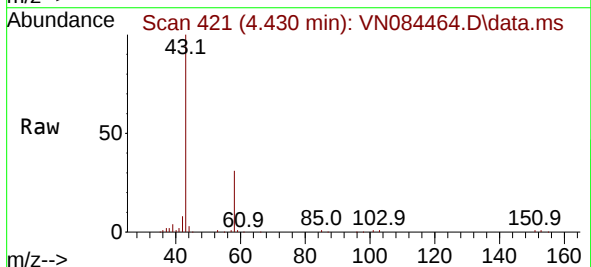
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

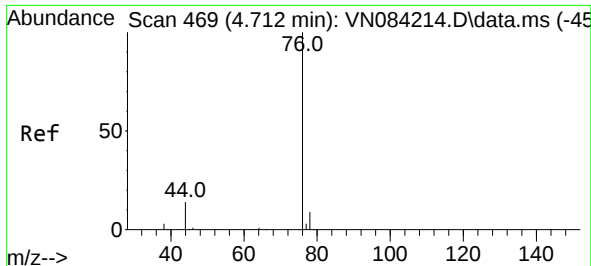
Tgt Ion: 53 Resp: 266330
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.4
51 36.0 28.8 43.2



#16
Acetone
Concen: 208.362 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 43 Resp: 218038
Ion Ratio Lower Upper
43 100
58 30.3 24.4 36.6

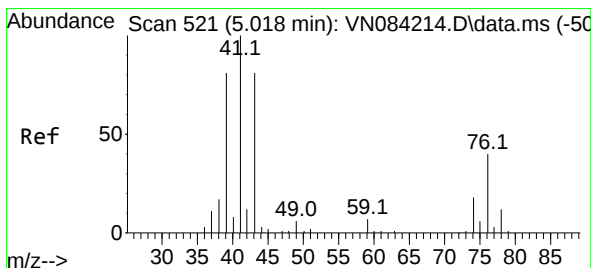
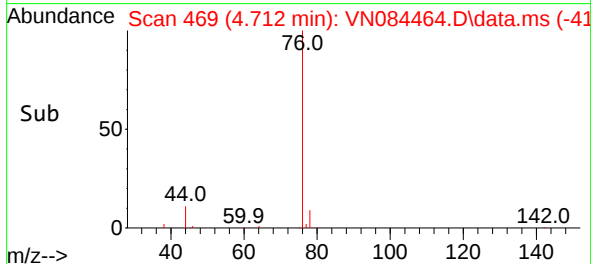
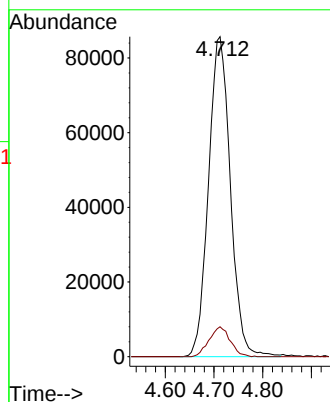
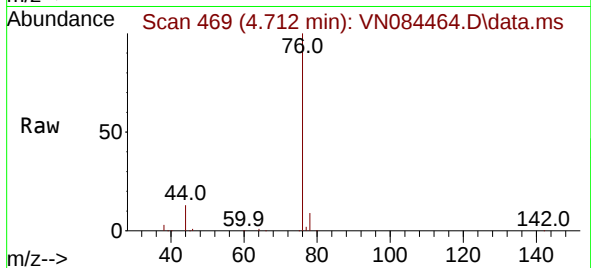




#17
Carbon Disulfide
Concen: 45.577 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

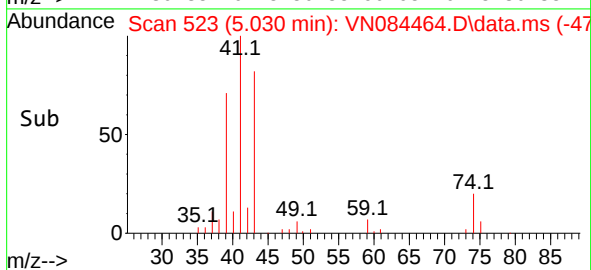
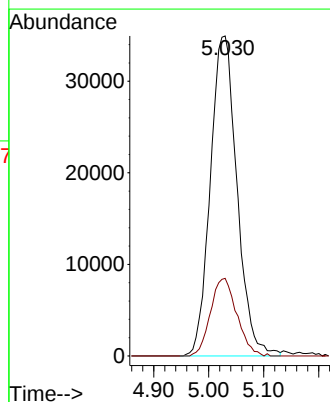
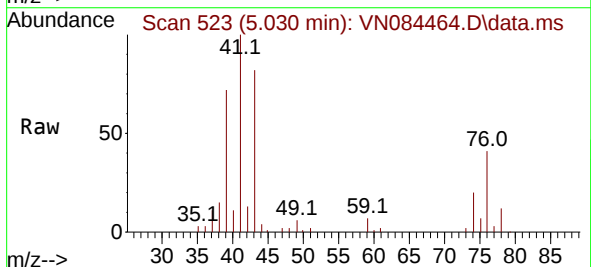
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

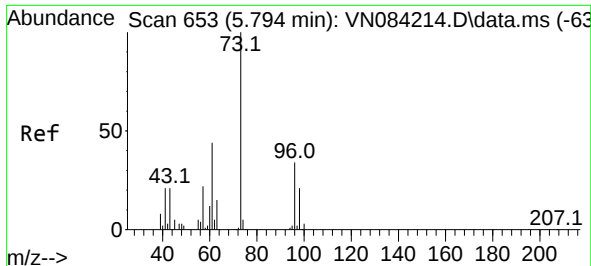
Tgt Ion: 76 Resp: 266930
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 51.658 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 43 Resp: 117821
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

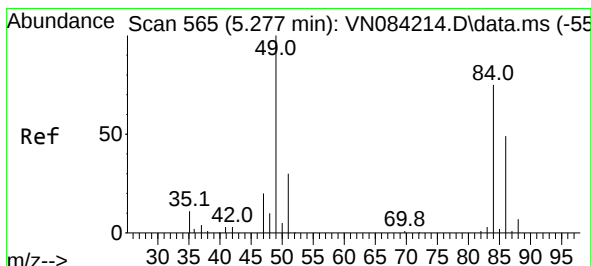
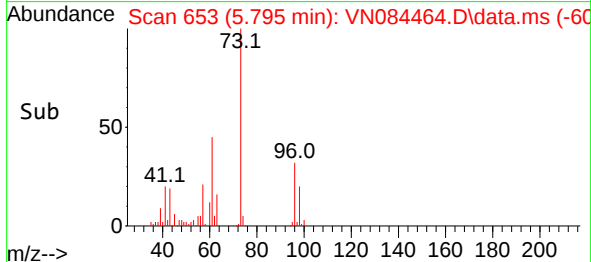
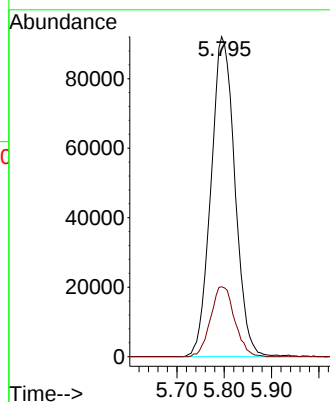
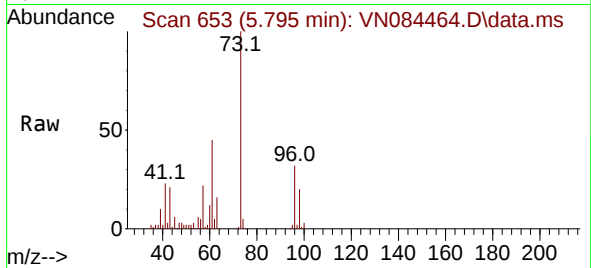




#19
Methyl tert-butyl Ether
Concen: 51.785 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

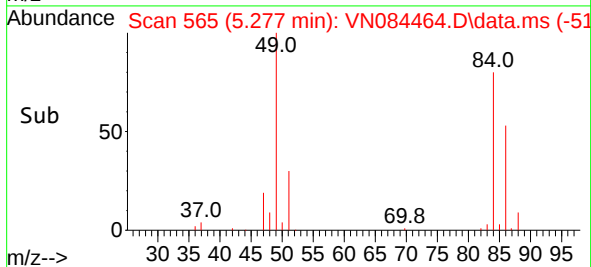
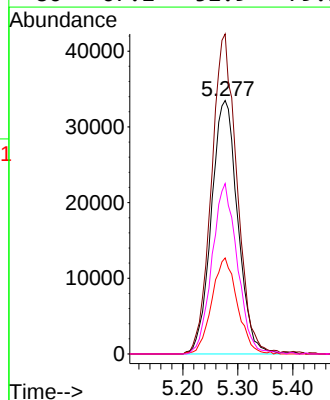
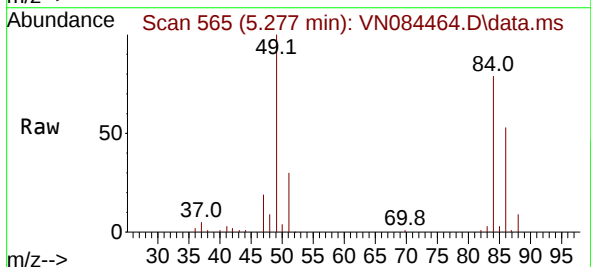
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

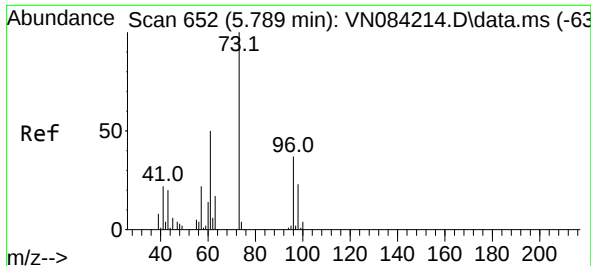
Tgt Ion: 73 Resp: 323323
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 52.394 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 84 Resp: 111451
Ion Ratio Lower Upper
84 100
49 126.3 107.2 160.8
51 37.9 31.8 47.8
86 67.2 52.9 79.3

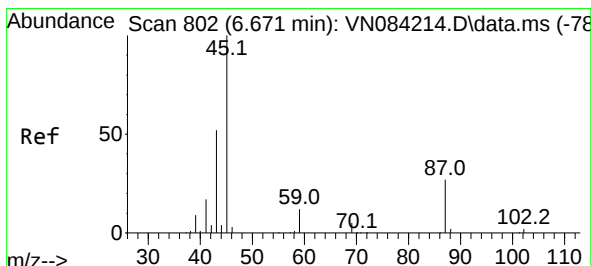
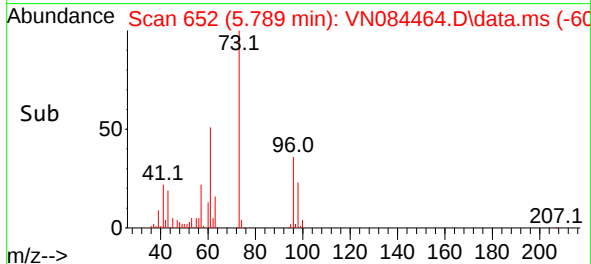
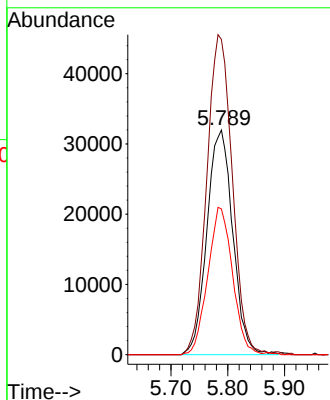
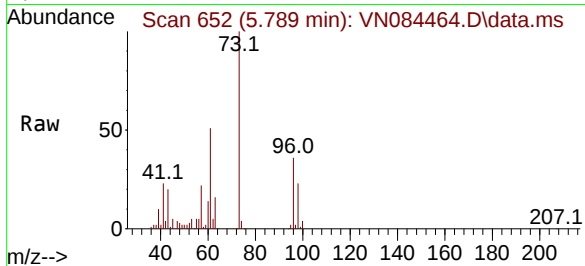




#21
trans-1,2-Dichloroethene
Concen: 52.154 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

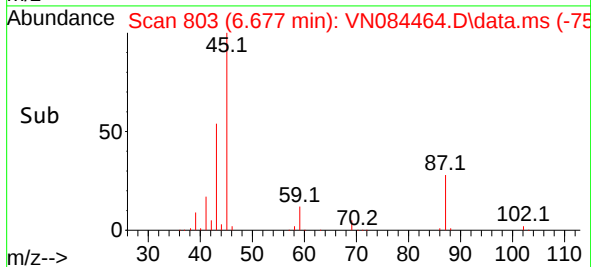
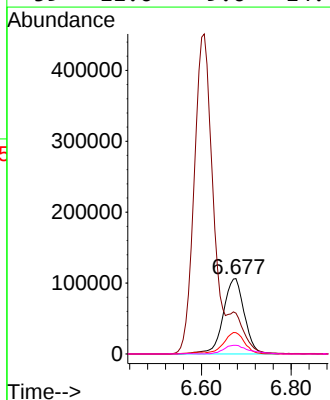
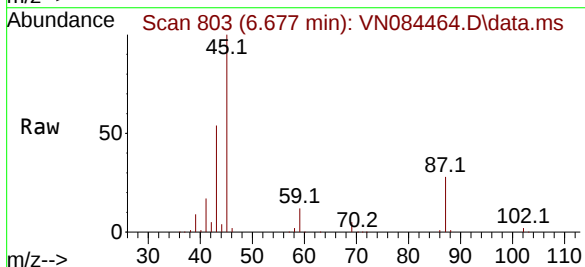
Instrument :
MSVOA_N
ClientSampleId :
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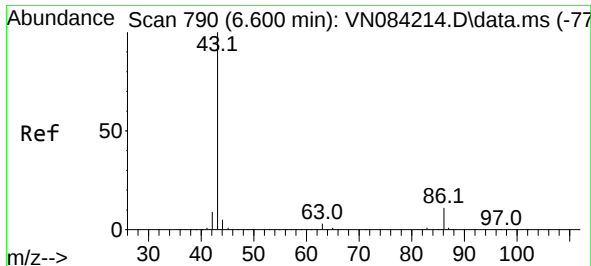
Tgt Ion: 96 Resp: 101076
Ion Ratio Lower Upper
96 100
61 140.3 108.4 162.6
98 64.9 49.8 74.8



#22
Diisopropyl ether
Concen: 52.237 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 45 Resp: 347126
Ion Ratio Lower Upper
45 100
43 53.3 42.3 63.5
87 28.3 21.8 32.6
59 11.6 9.6 14.4

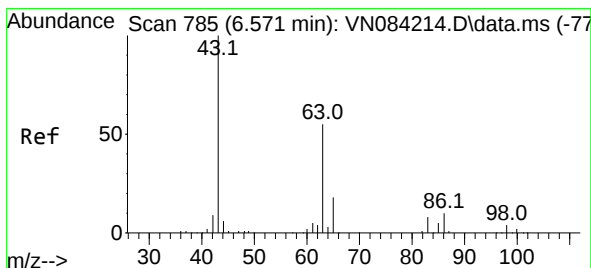
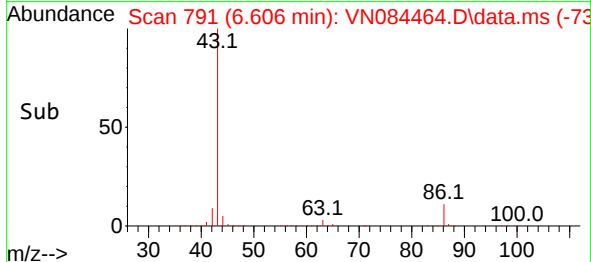
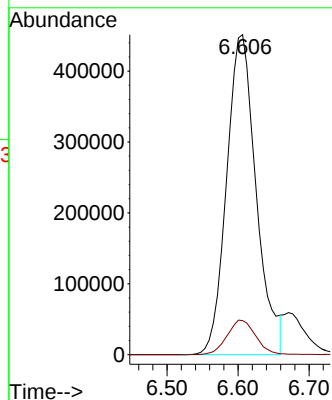
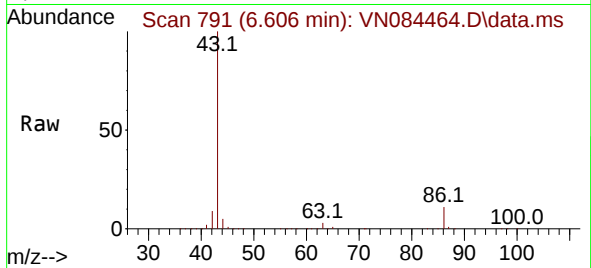




#23
 Vinyl Acetate
 Concen: 265.286 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

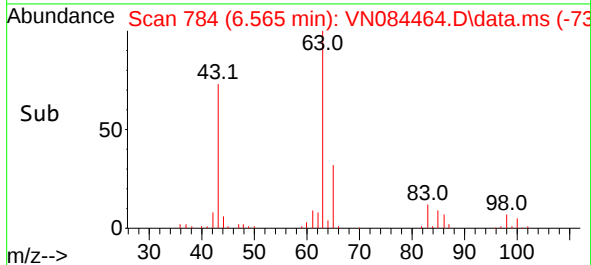
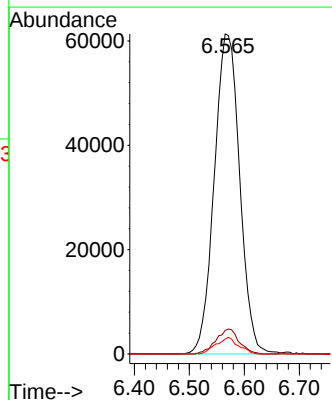
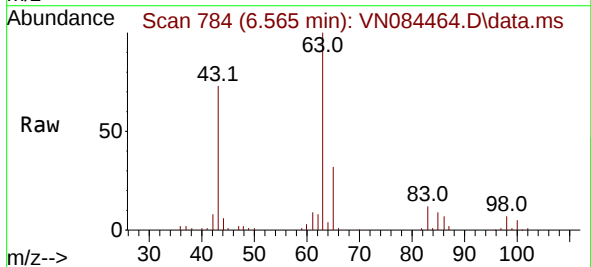
Instrument :
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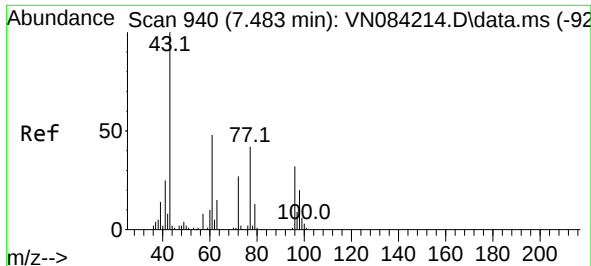
Tgt Ion: 43 Resp: 1307522
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.012 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion: 63 Resp: 197001
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.7 2.0 5.8

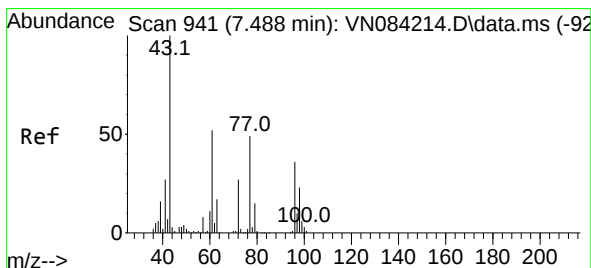
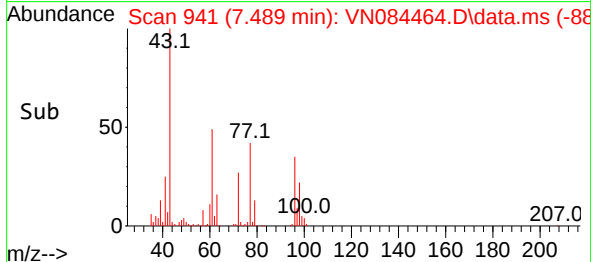
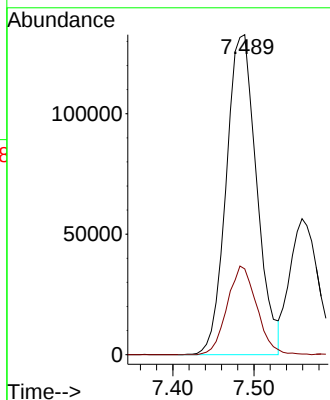
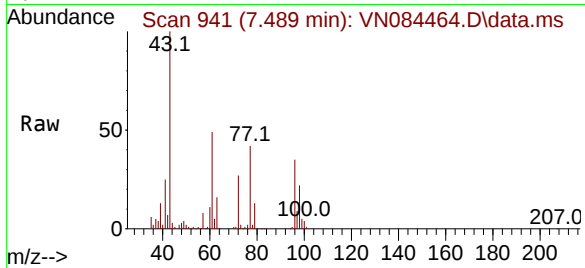




#25
2-Butanone
Concen: 242.901 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

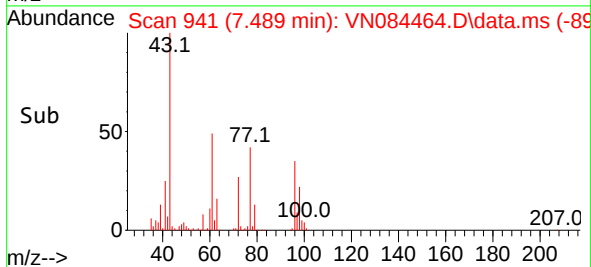
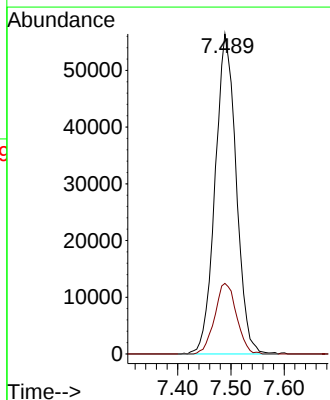
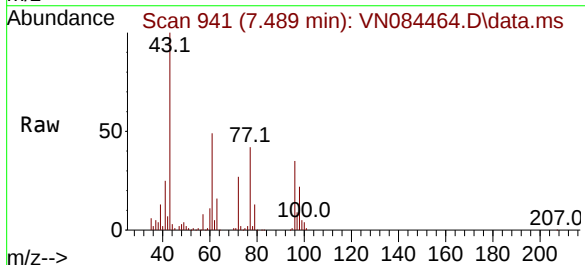
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

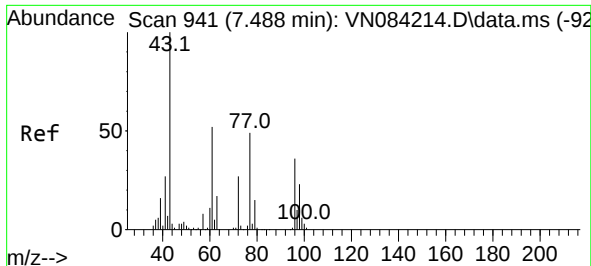
Tgt Ion: 43 Resp: 346199
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.170 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 77 Resp: 154700
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3



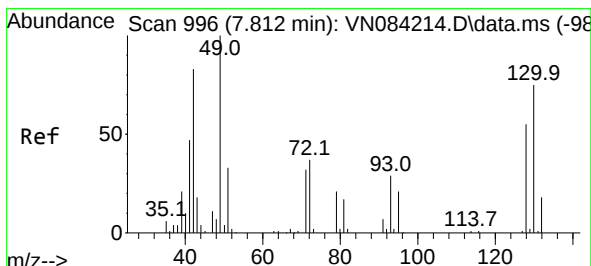
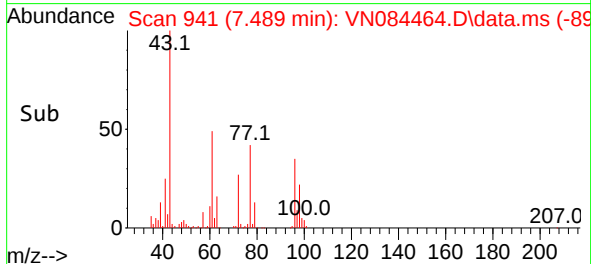
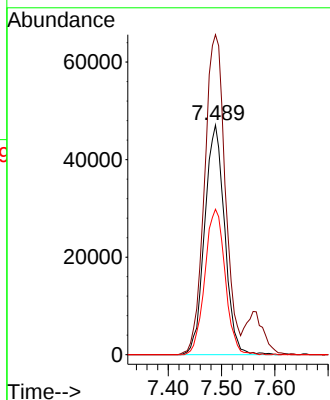
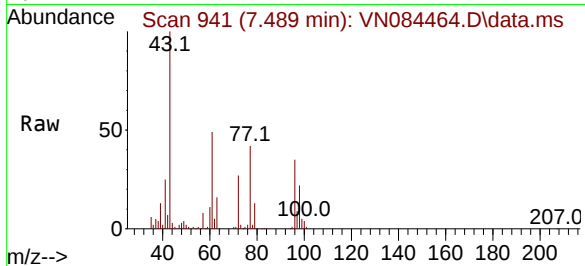


#27
 cis-1,2-Dichloroethene
 Concen: 52.449 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 122830

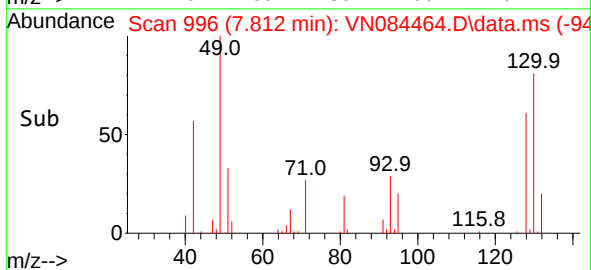
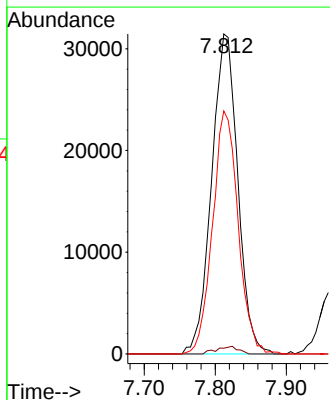
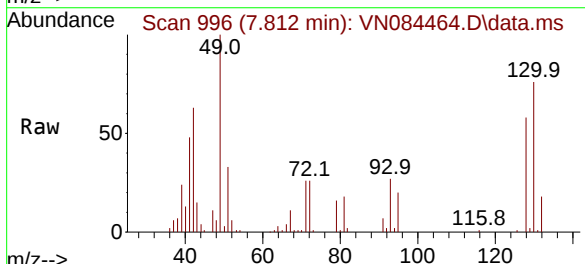
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	301.8
98	64.3	0.0	128.2

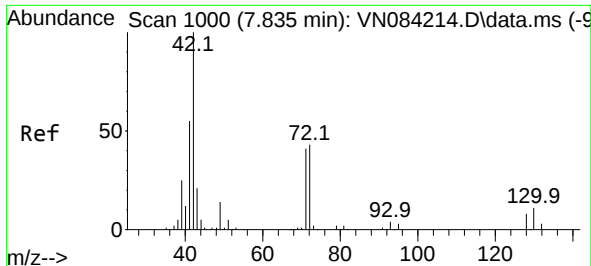


#28
 Bromochloromethane
 Concen: 48.502 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion: 49 Resp: 80419

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	74.2	58.0	87.0





#29

Tetrahydrofuran

Concen: 260.658 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

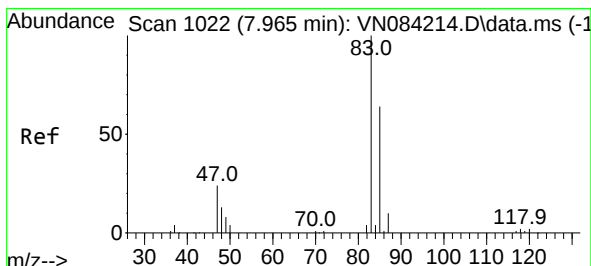
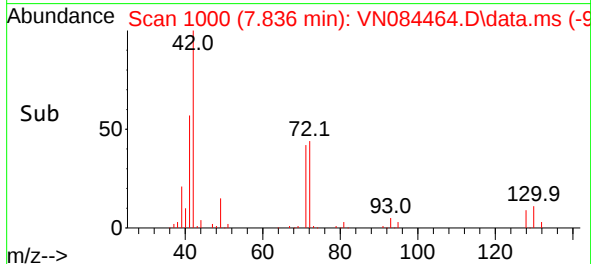
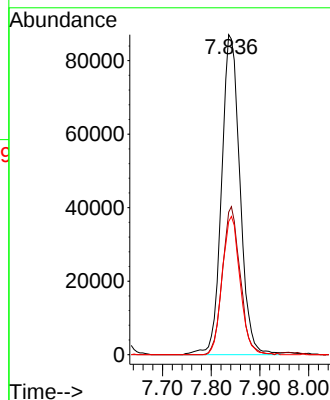
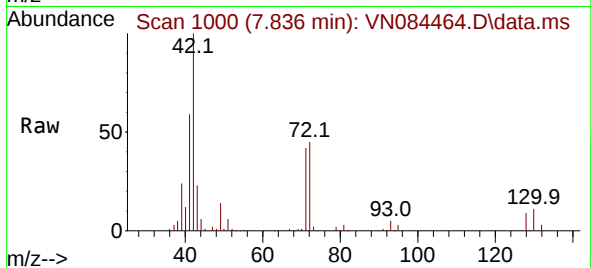
Tgt Ion: 42 Resp: 229263

Ion Ratio Lower Upper

42 100

72 44.4 34.6 51.8

71 42.1 32.2 48.4



#30

Chloroform

Concen: 53.621 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084464.D

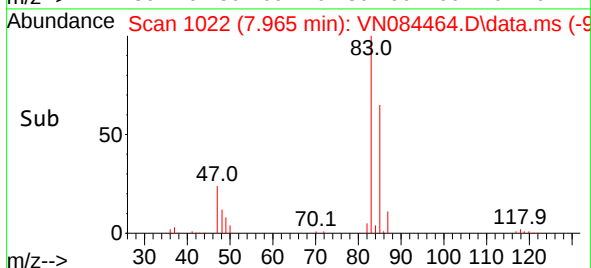
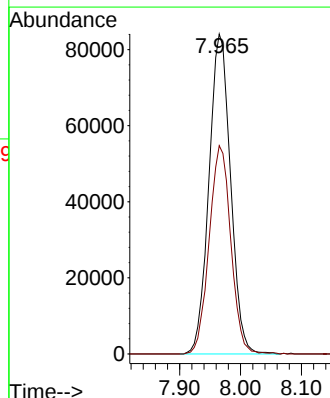
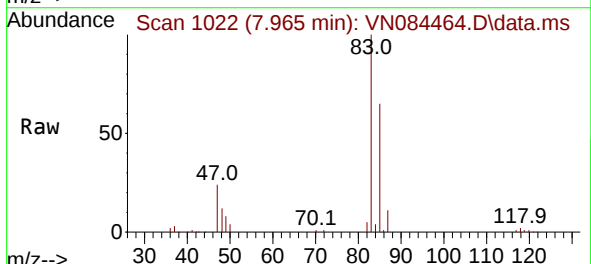
Acq: 22 Oct 2024 19:10

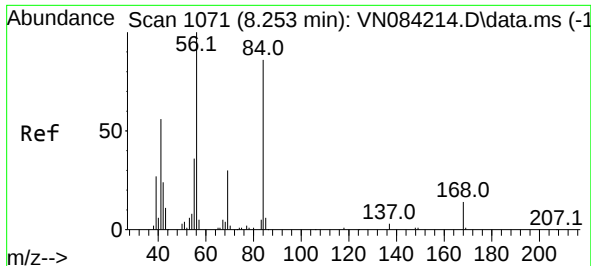
Tgt Ion: 83 Resp: 206986

Ion Ratio Lower Upper

83 100

85 65.1 51.0 76.4

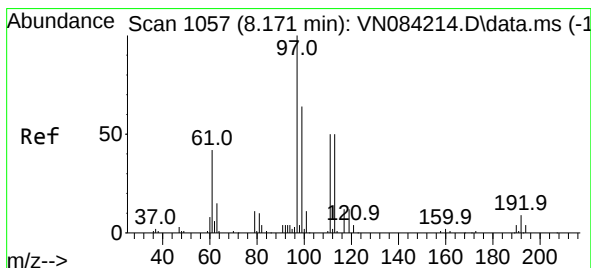
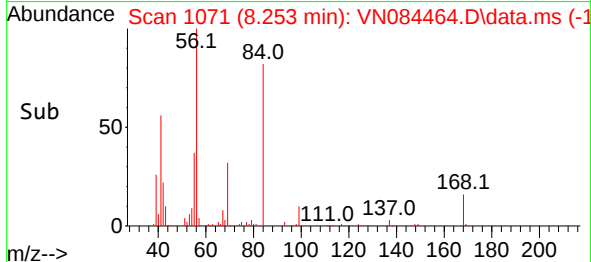
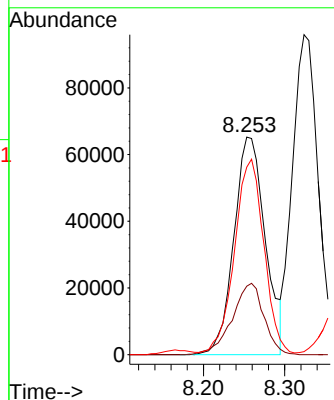
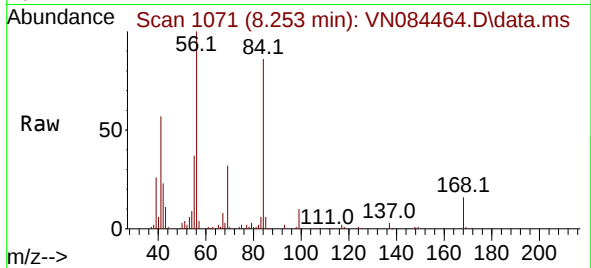




#31
Cyclohexane
Concen: 48.574 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

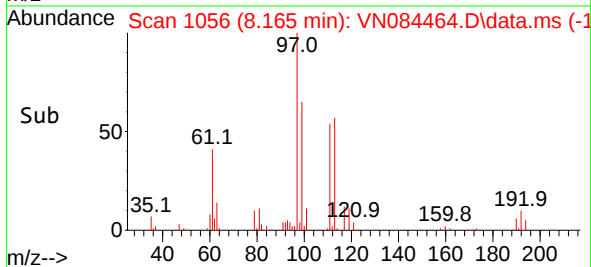
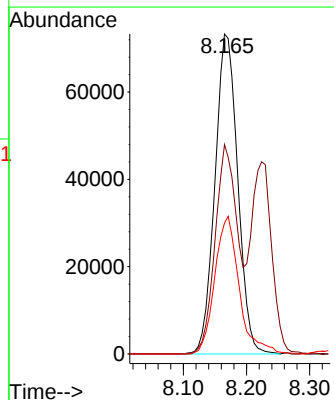
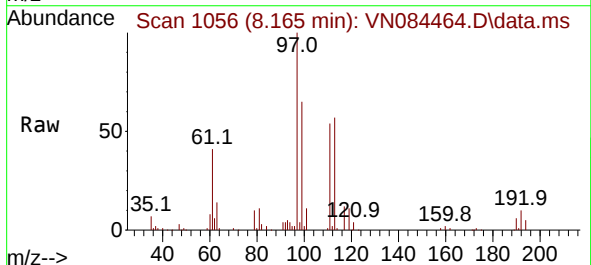
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

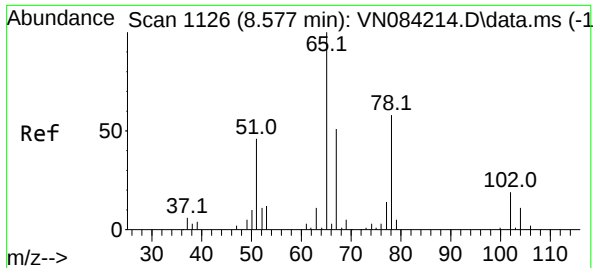
Tgt Ion: 56 Resp: 175264
Ion Ratio Lower Upper
56 100
69 31.5 23.8 35.6
84 84.3 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 53.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 97 Resp: 183943
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 46.1 37.5 56.3

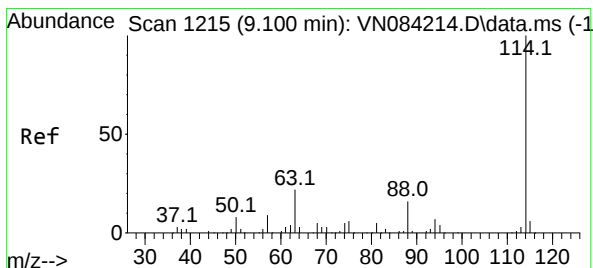
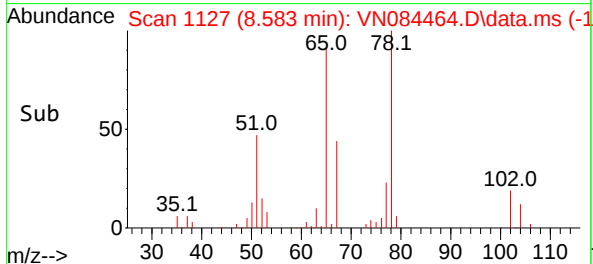
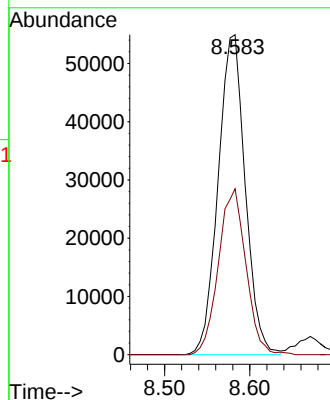
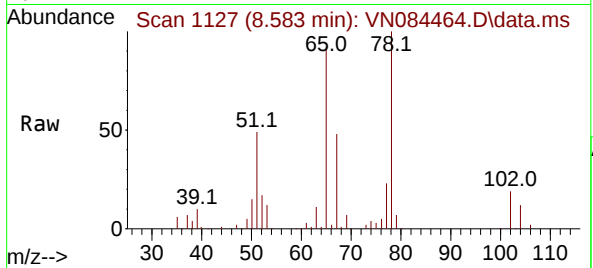




#33
 1,2-Dichloroethane-d4
 Concen: 49.801 ug/l
 RT: 8.583 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

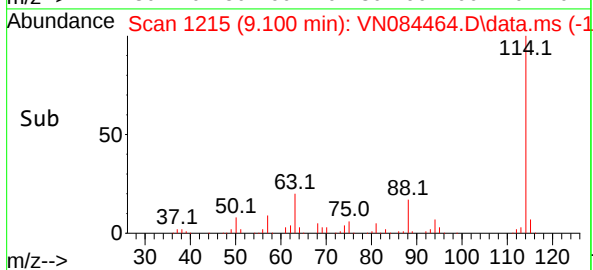
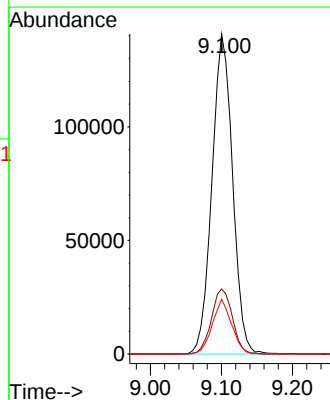
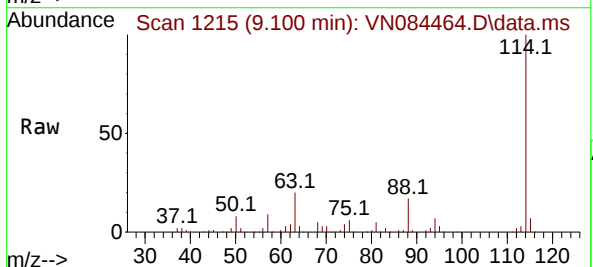
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

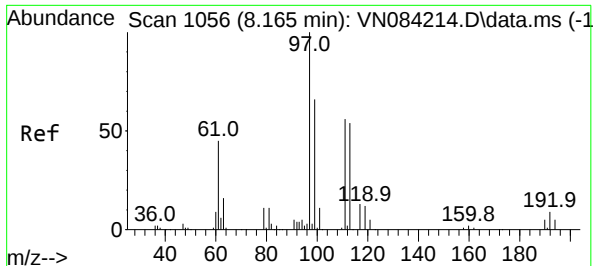
Tgt Ion: 65 Resp: 121314
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion: 114 Resp: 283563
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.8
 88 17.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.526 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

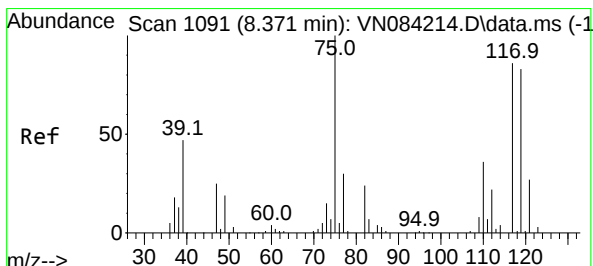
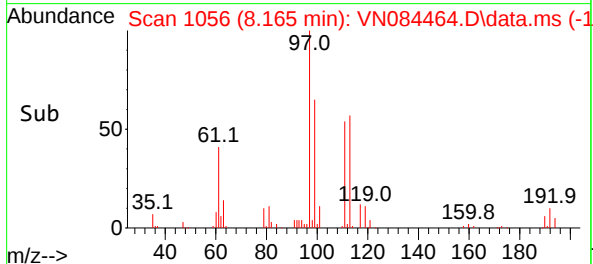
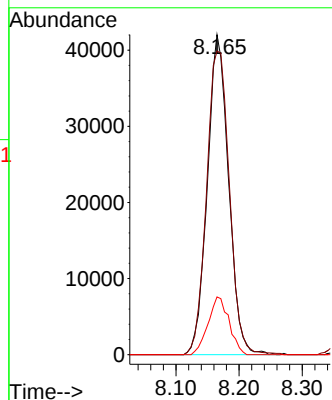
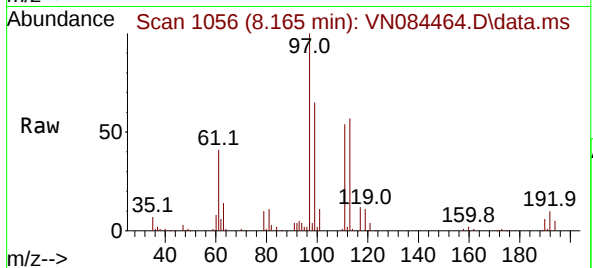
Tgt Ion:113 Resp: 98194

Ion Ratio Lower Upper

113 100

111 102.2 83.3 124.9

192 17.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 52.000 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

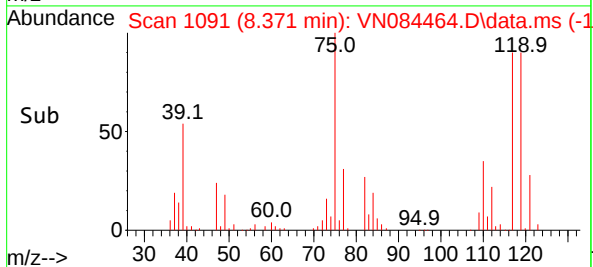
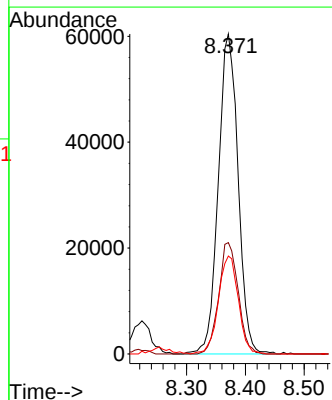
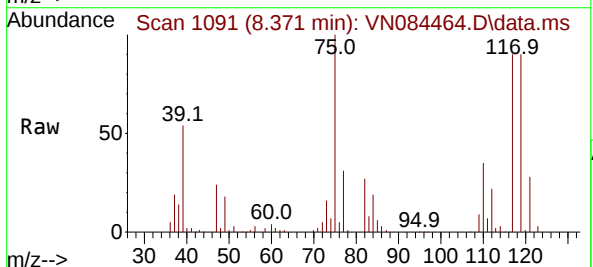
Tgt Ion: 75 Resp: 141201

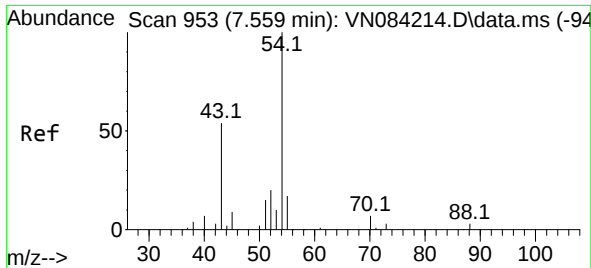
Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.7

77 30.9 24.7 37.1

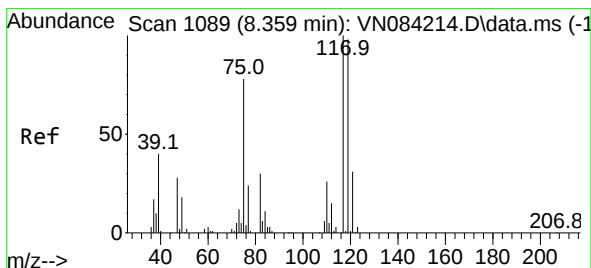
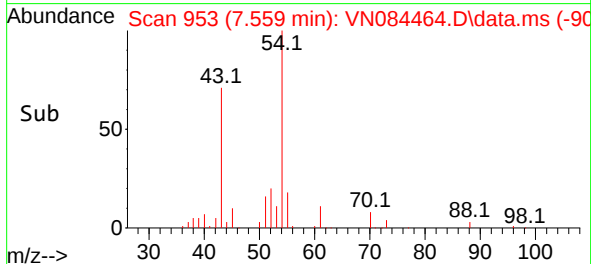
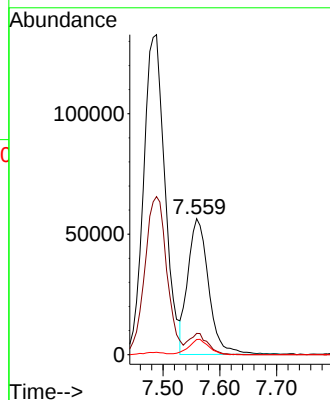
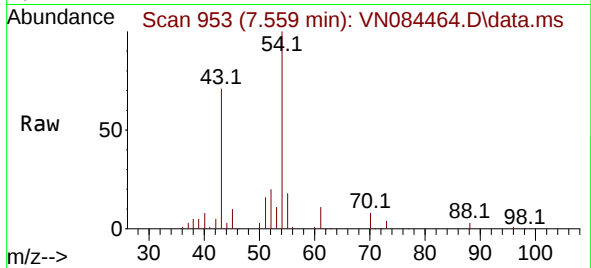




#37
Ethyl Acetate
Concen: 51.256 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

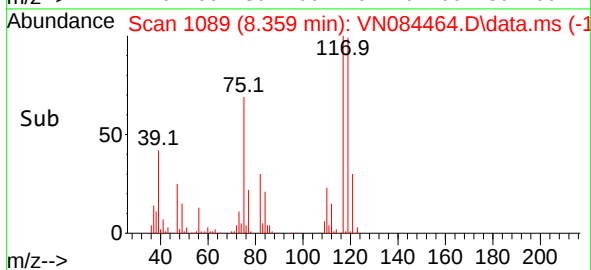
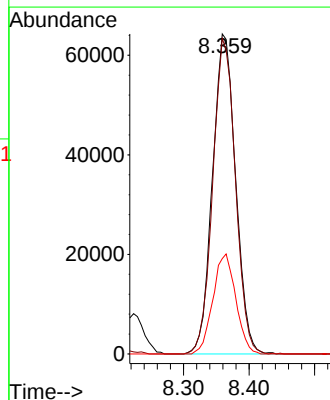
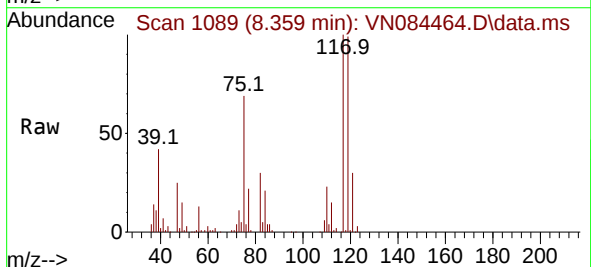
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

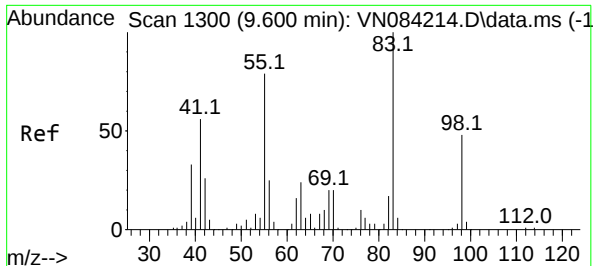
Tgt Ion: 43 Resp: 142788
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.719 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 117 Resp: 157033
Ion Ratio Lower Upper
117 100
119 98.5 78.7 118.1
121 29.8 24.4 36.6





#39

Methylcyclohexane

Concen: 51.186 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

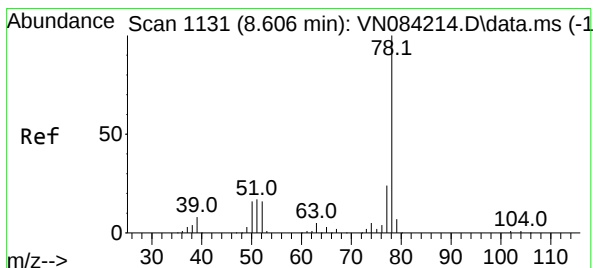
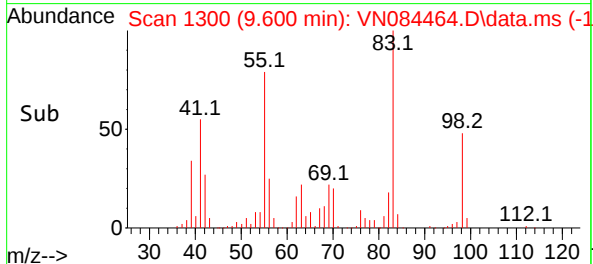
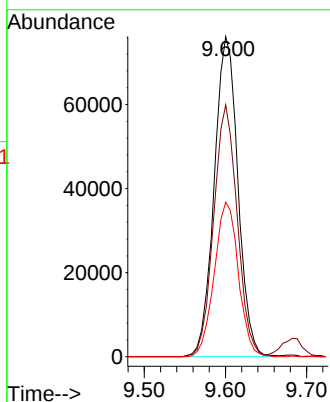
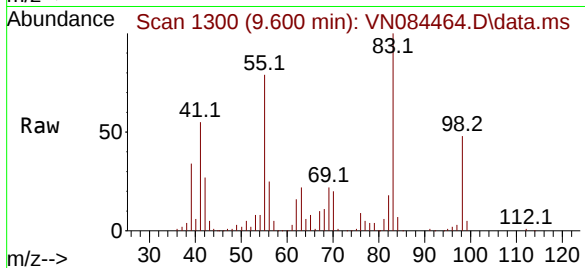
Tgt Ion: 83 Resp: 154691

Ion Ratio Lower Upper

83 100

55 78.7 62.8 94.2

98 48.3 38.8 58.2



#40

Benzene

Concen: 53.237 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084464.D

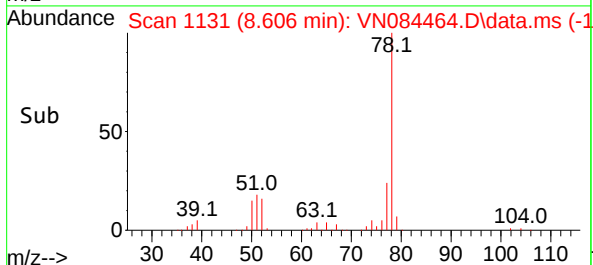
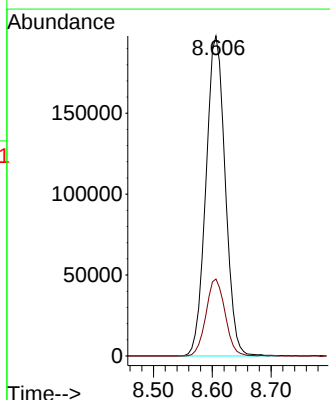
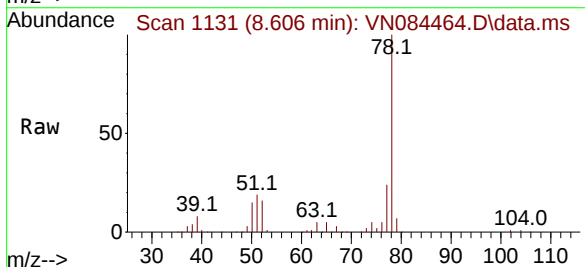
Acq: 22 Oct 2024 19:10

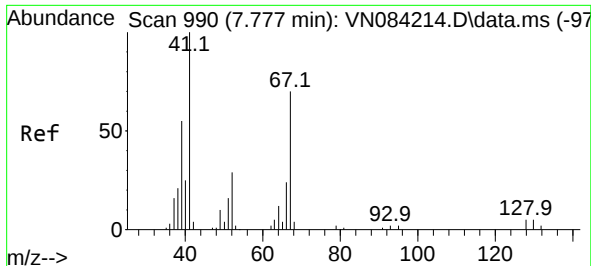
Tgt Ion: 78 Resp: 450399

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

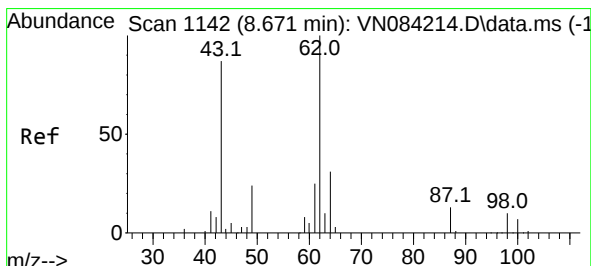
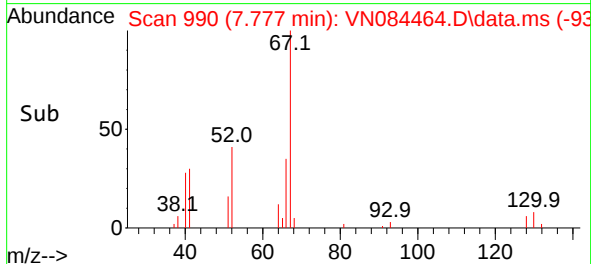
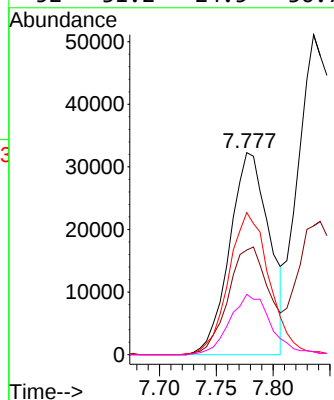
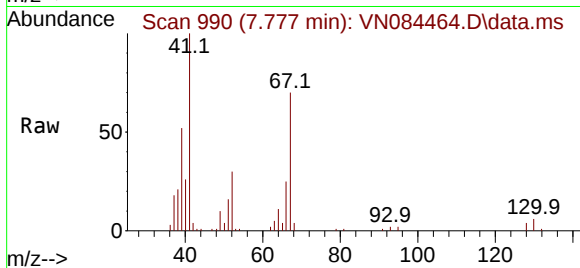




#41
Methacrylonitrile
Concen: 51.960 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

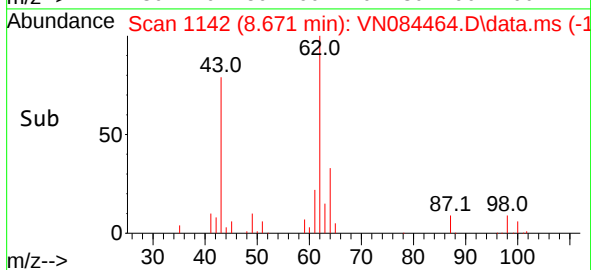
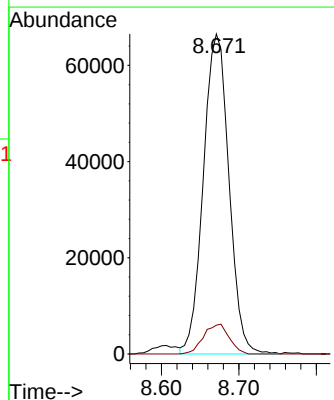
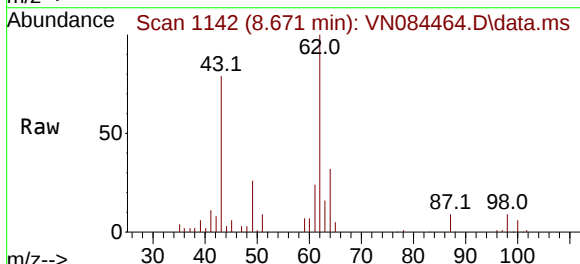
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

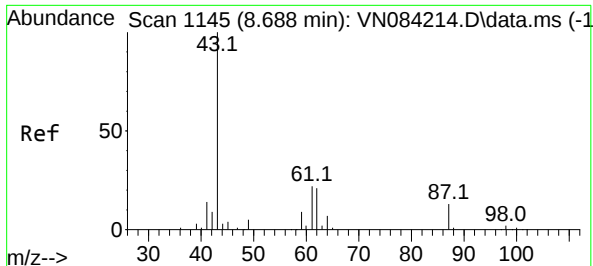
Tgt Ion:	41	Resp:	78582
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.3	64.9
67	72.5	56.1	84.1
52	31.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 53.226 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion:	62	Resp:	152659
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

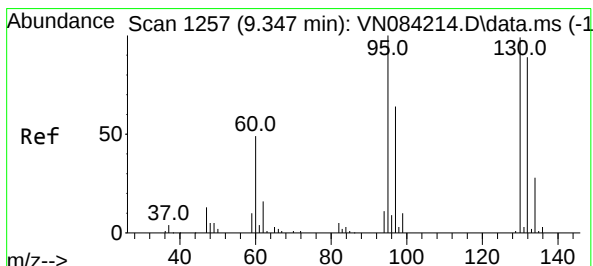
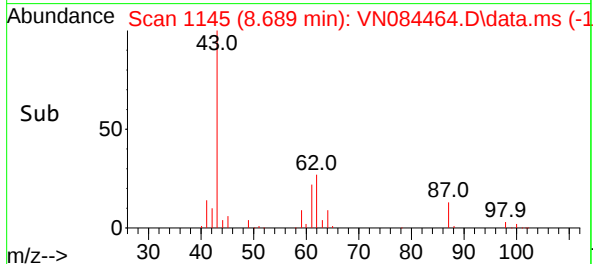
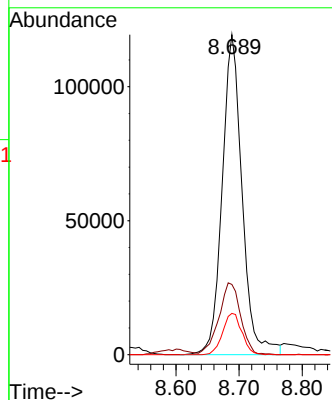
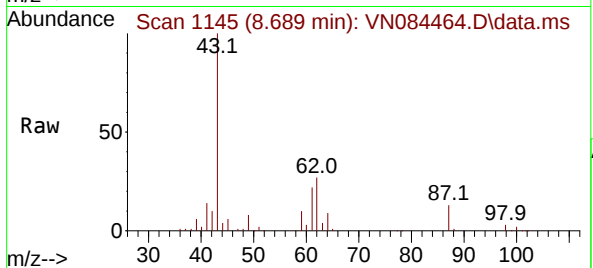




#43
Isopropyl Acetate
Concen: 48.029 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

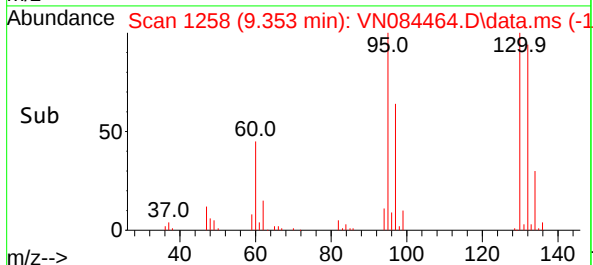
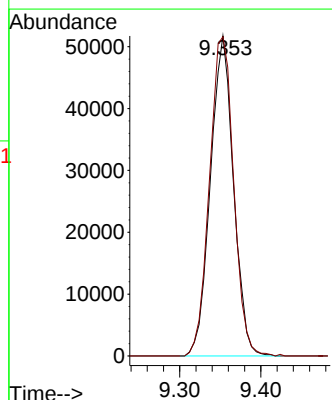
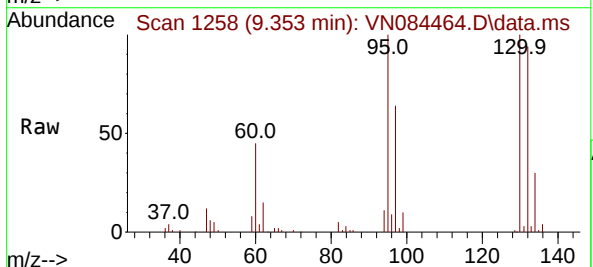
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

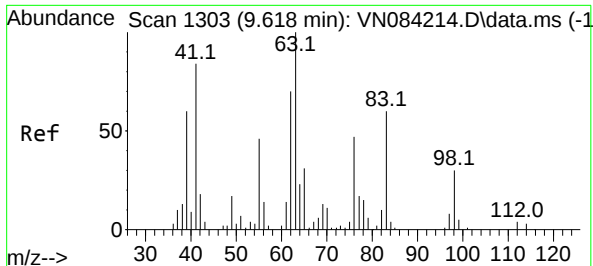
Tgt Ion: 43 Resp: 262069
Ion Ratio Lower Upper
43 100
61 24.5 20.4 30.6
87 12.4 10.3 15.5



#44
Trichloroethene
Concen: 51.623 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 130 Resp: 102007
Ion Ratio Lower Upper
130 100
95 99.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.645 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

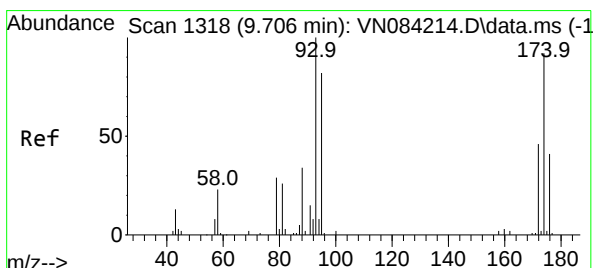
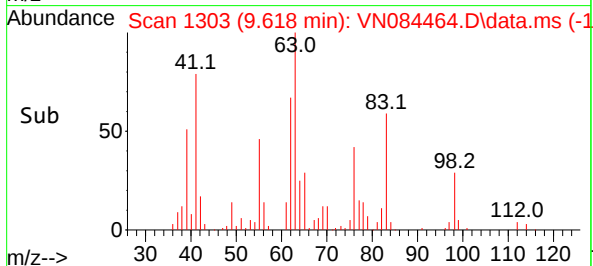
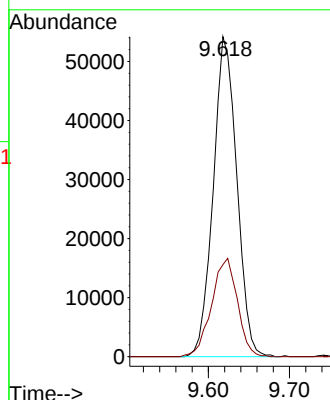
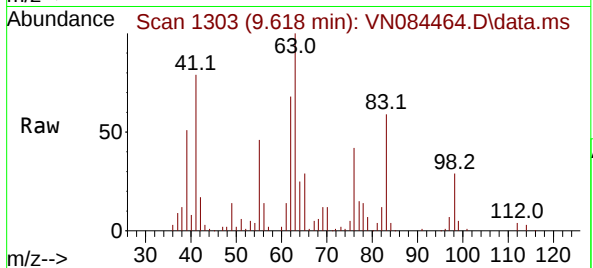
VSTDCCC050EC

Tgt Ion: 63 Resp: 109365

Ion Ratio Lower Upper

63 100

65 28.8 24.6 37.0



#46

Dibromomethane

Concen: 56.984 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

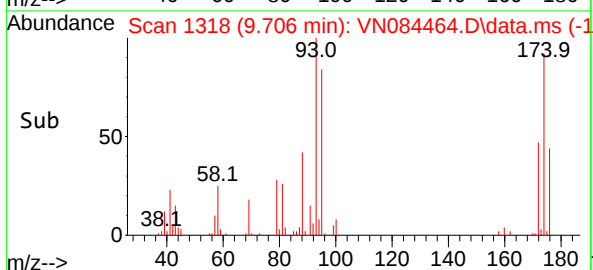
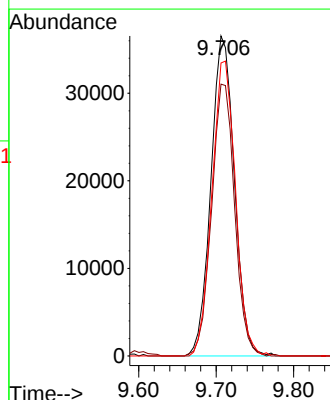
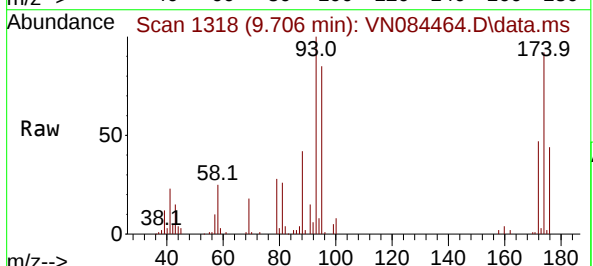
Tgt Ion: 93 Resp: 76963

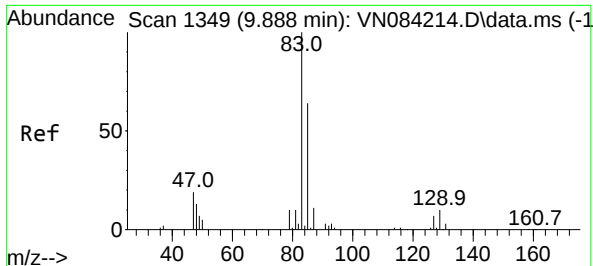
Ion Ratio Lower Upper

93 100

95 83.5 65.0 97.4

174 92.4 71.8 107.8

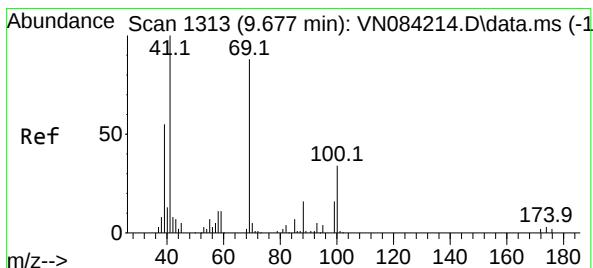
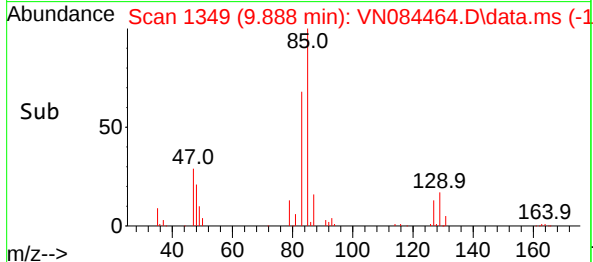
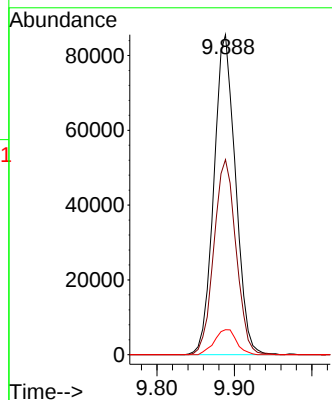
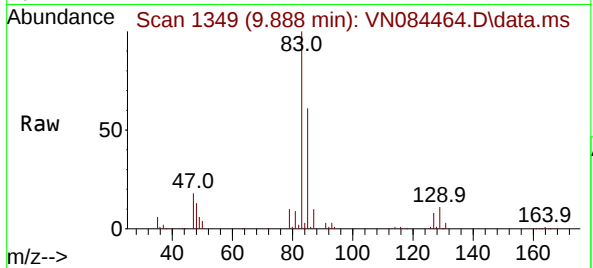




#47
Bromodichloromethane
Concen: 55.217 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

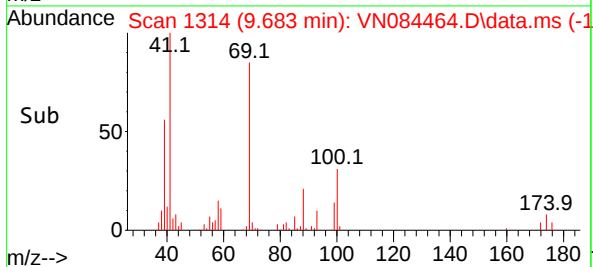
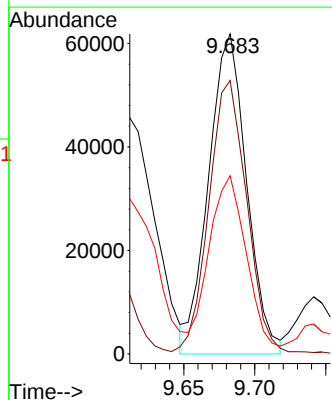
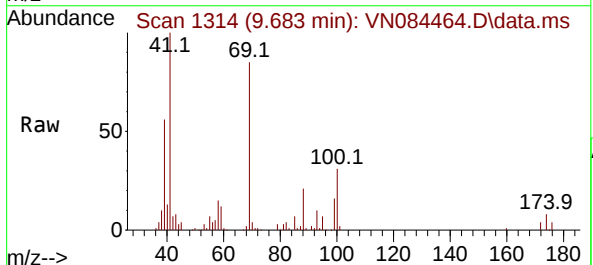
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

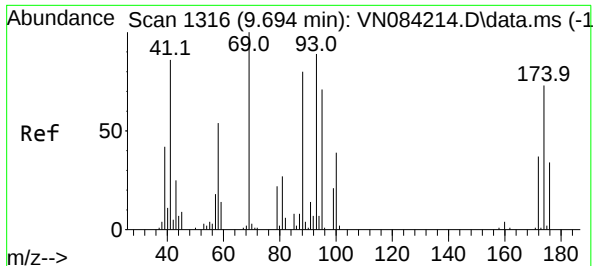
Tgt Ion: 83 Resp: 165685
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3
127 7.8 5.7 8.5



#48
Methyl methacrylate
Concen: 52.966 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 41 Resp: 115046
Ion Ratio Lower Upper
41 100
69 85.7 67.1 100.7
39 55.3 45.8 68.6





#49

1,4-Dioxane

Concen: 1058.308 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

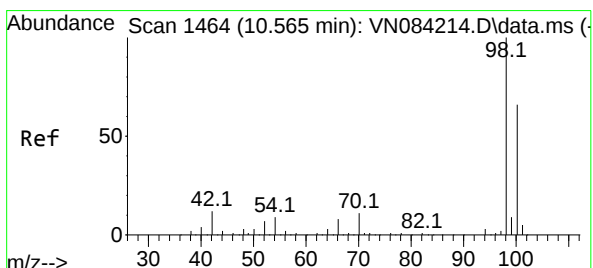
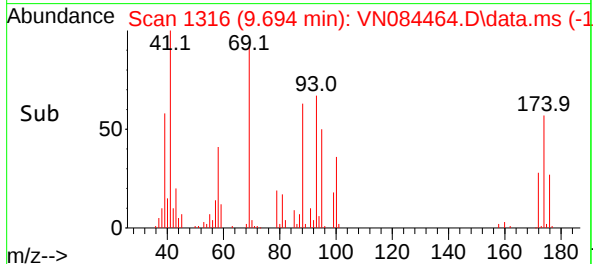
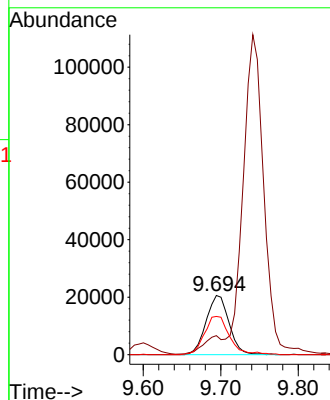
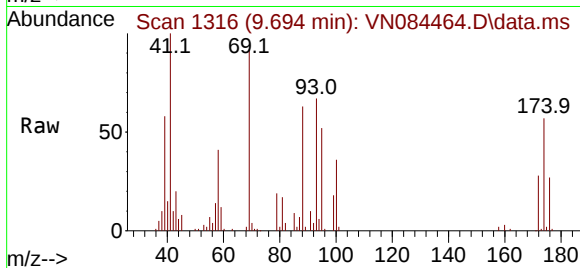
Tgt Ion: 88 Resp: 42320

Ion Ratio Lower Upper

88 100

43 24.7 25.3 37.9#

58 70.9 56.4 84.6



#50

Toluene-d8

Concen: 51.864 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084464.D

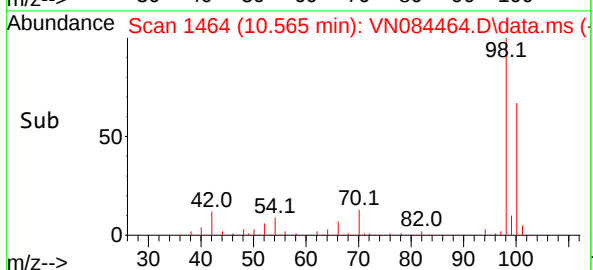
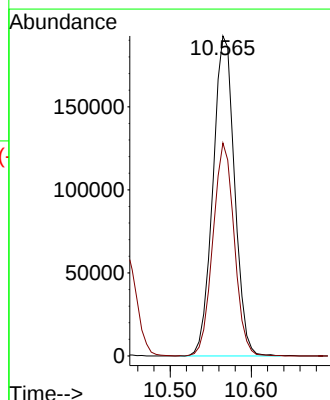
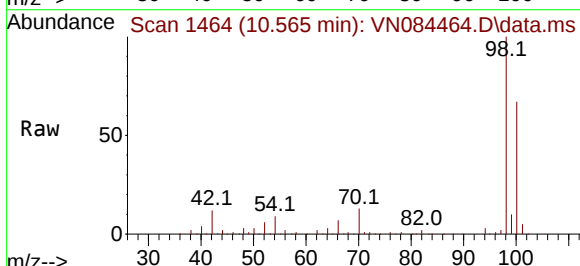
Acq: 22 Oct 2024 19:10

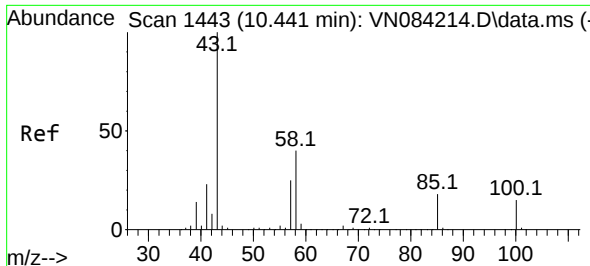
Tgt Ion: 98 Resp: 356709

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1

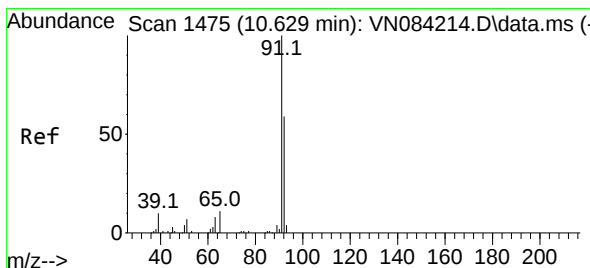
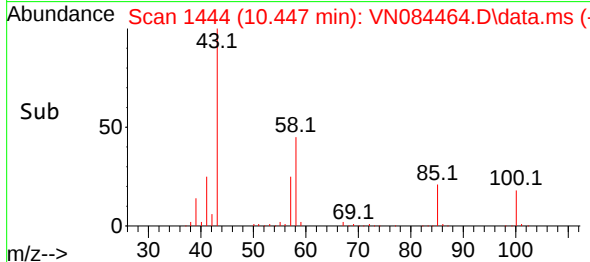
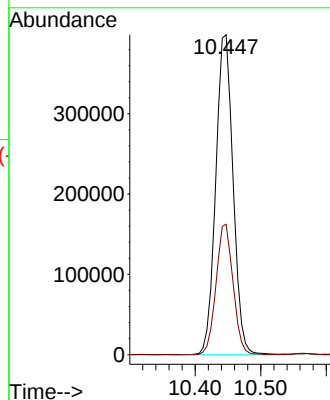
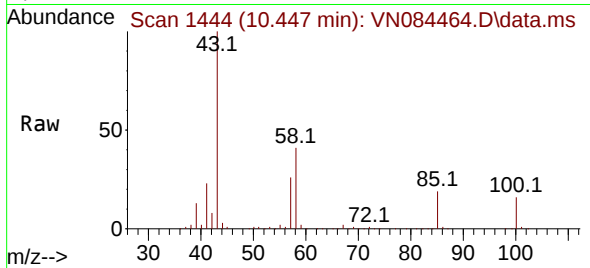




#51
4-Methyl-2-Pentanone
Concen: 275.291 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

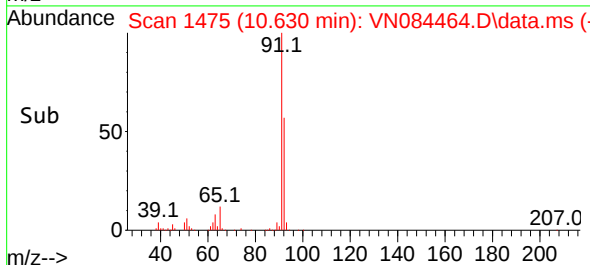
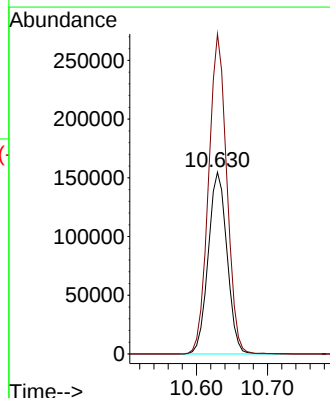
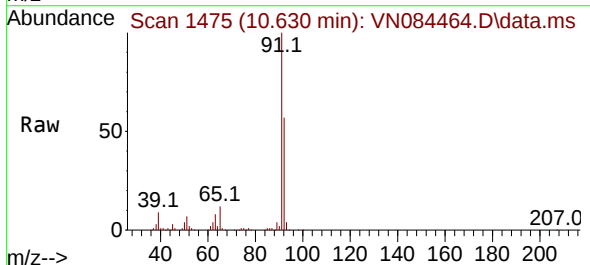
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

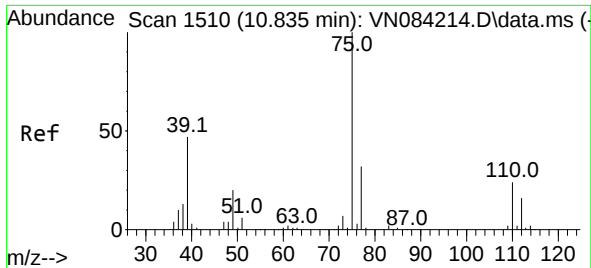
Tgt Ion: 43 Resp: 730055
Ion Ratio Lower Upper
43 100
58 40.0 31.6 47.4



#52
Toluene
Concen: 55.055 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 92 Resp: 284031
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9

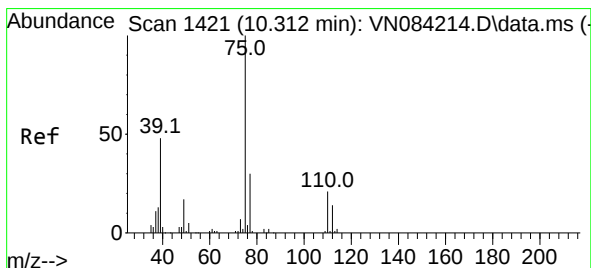
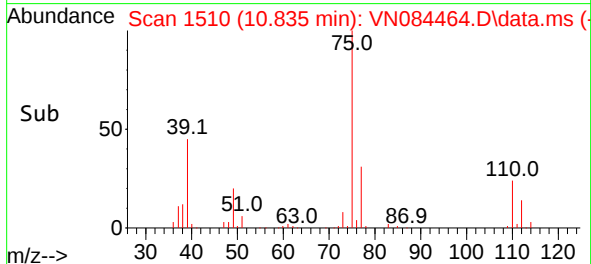
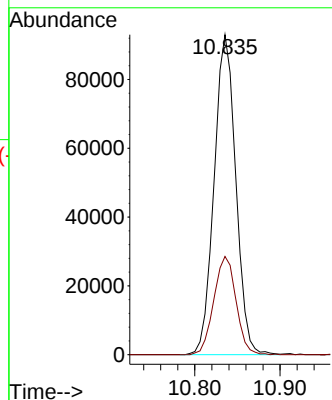
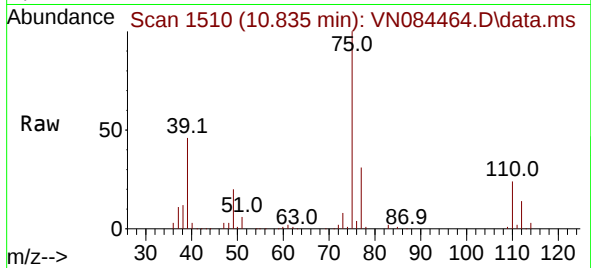




#53
 t-1,3-Dichloropropene
 Concen: 53.730 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

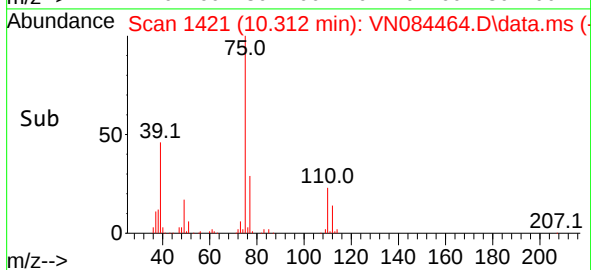
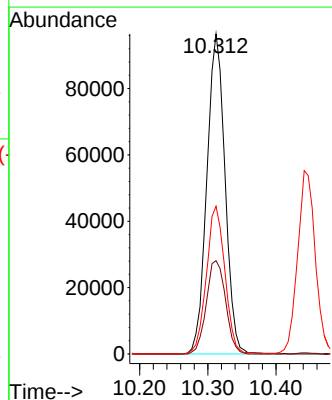
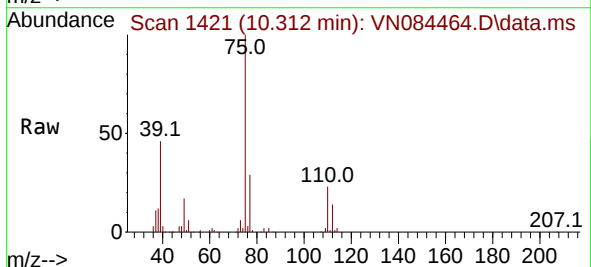
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

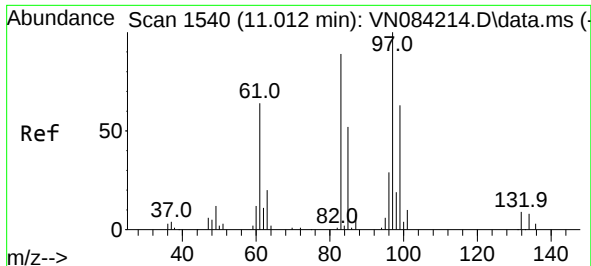
Tgt Ion: 75 Resp: 164344
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.433 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion: 75 Resp: 179083
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.2 36.2
 39 46.1 38.7 58.1



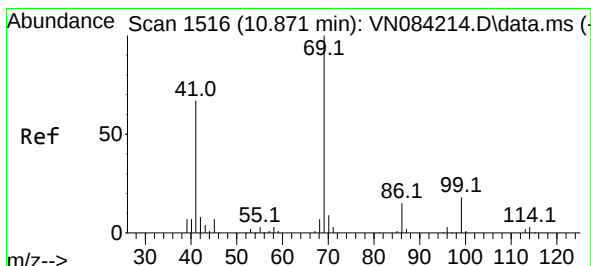
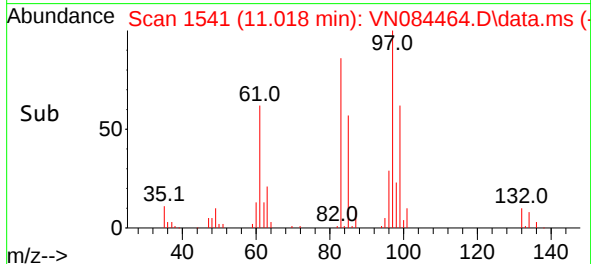
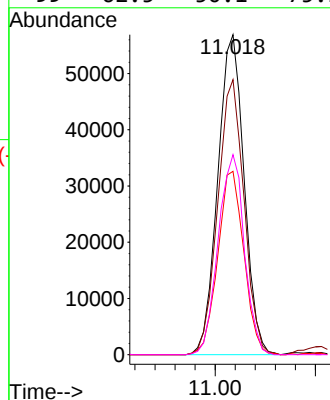
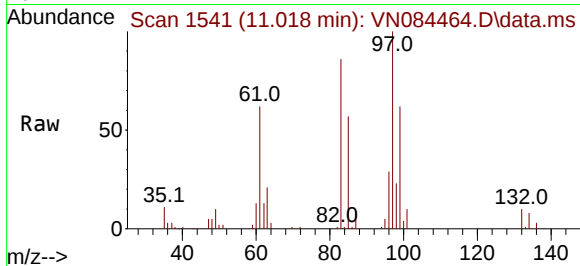


#55
1,1,2-Trichloroethane
Concen: 55.954 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 103486

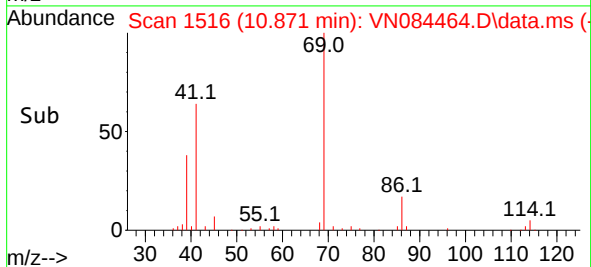
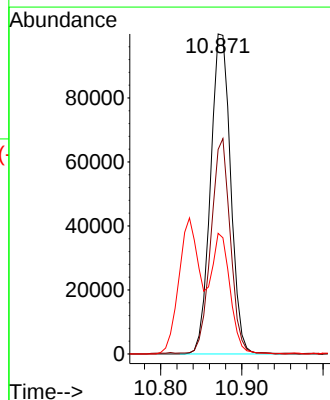
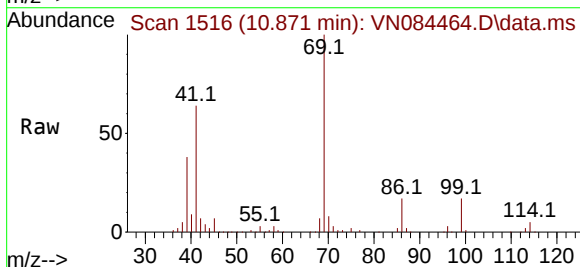
Ion	Ratio	Lower	Upper
97	100		
83	86.0	71.0	106.4
85	57.3	41.7	62.5
99	62.5	50.1	75.1

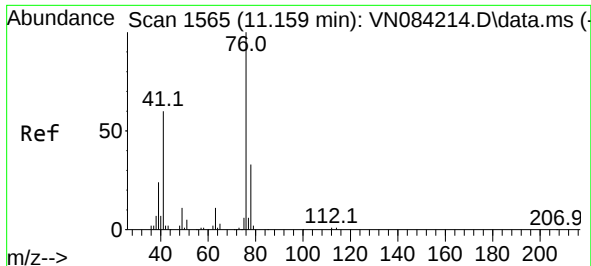


#56
Ethyl methacrylate
Concen: 56.428 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 69 Resp: 171724

Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.3	79.9
39	36.3	28.8	43.2





#57

1,3-Dichloropropane

Concen: 54.404 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

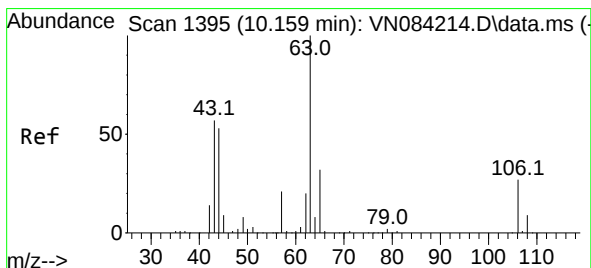
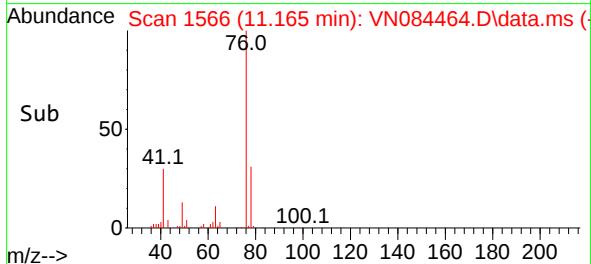
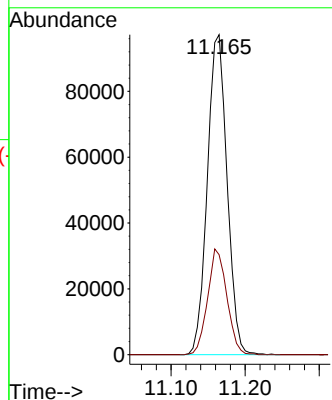
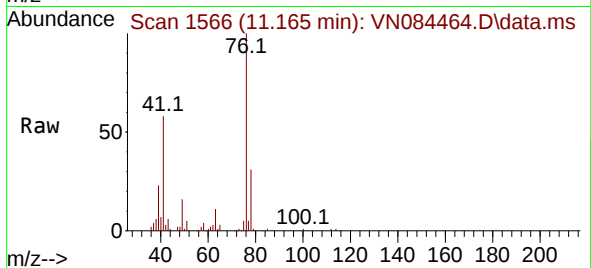
VSTDCCC050EC

Tgt Ion: 76 Resp: 179794

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 252.296 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084464.D

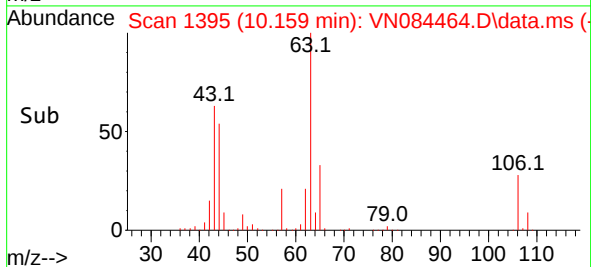
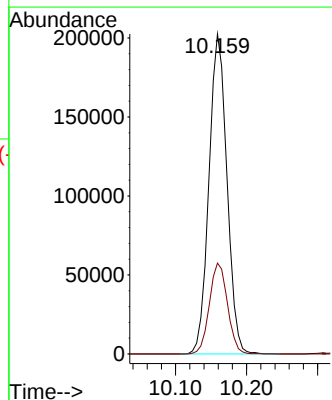
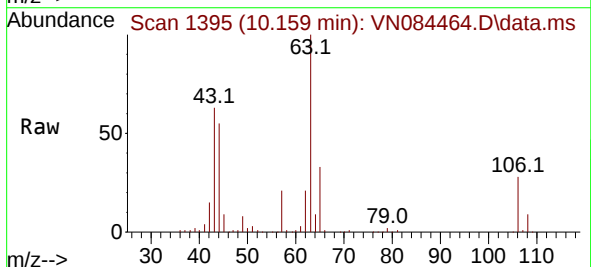
Acq: 22 Oct 2024 19:10

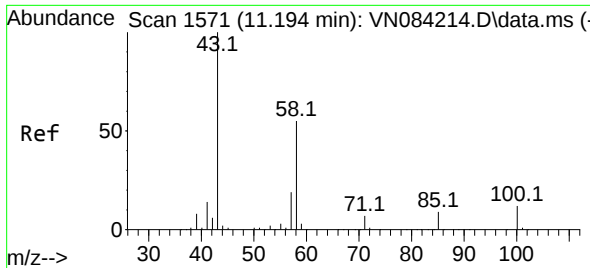
Tgt Ion: 63 Resp: 356176

Ion Ratio Lower Upper

63 100

106 28.5 21.8 32.6

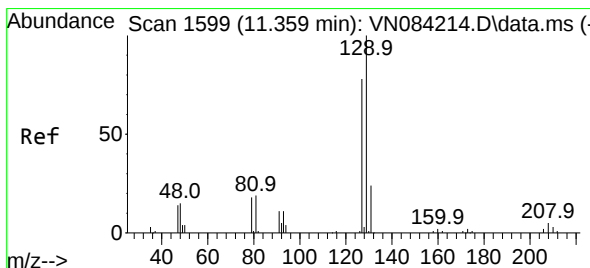
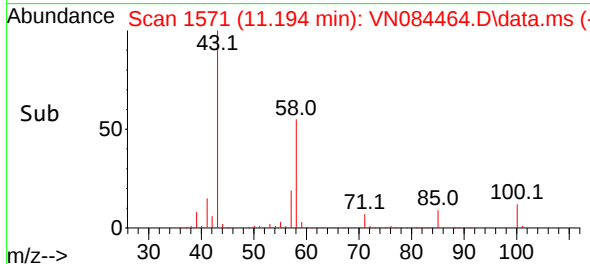
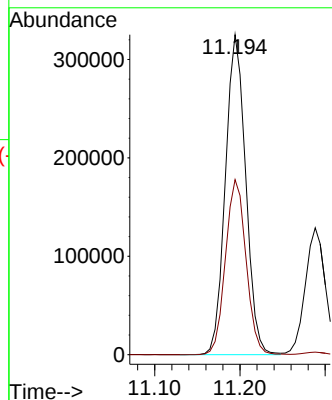
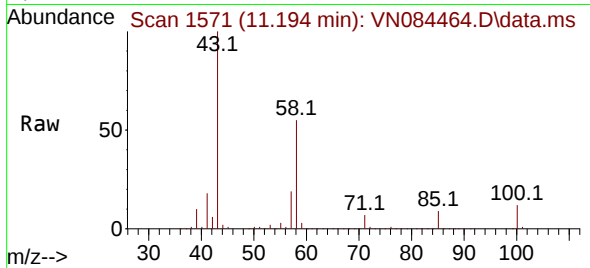




#59
2-Hexanone
Concen: 271.707 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

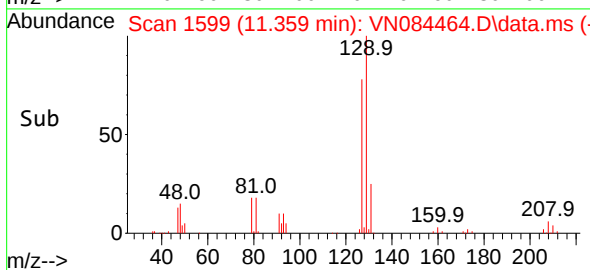
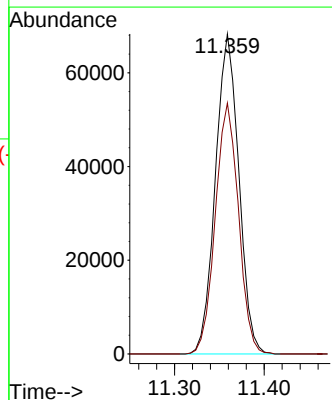
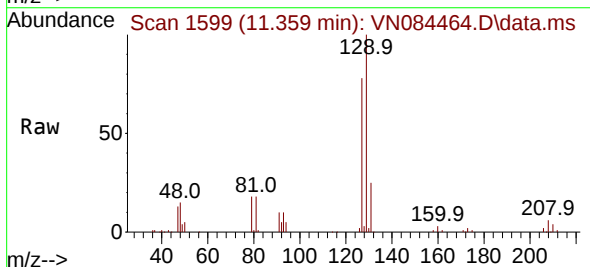
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

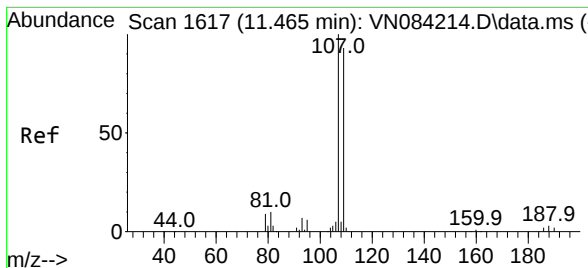
Tgt Ion: 43 Resp: 538548
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8



#60
Dibromochloromethane
Concen: 56.595 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 129 Resp: 123673
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

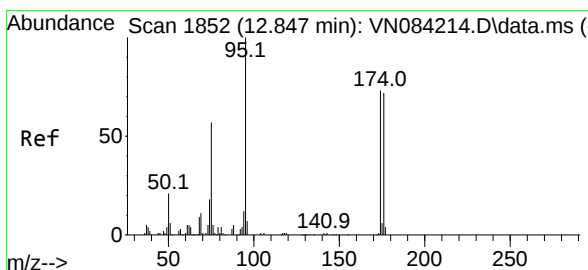
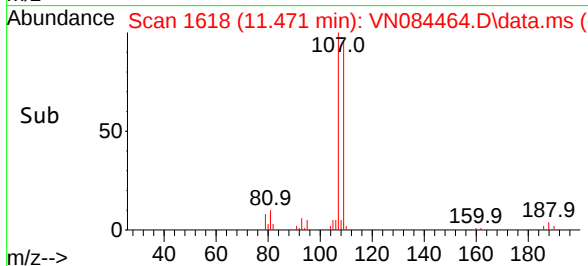
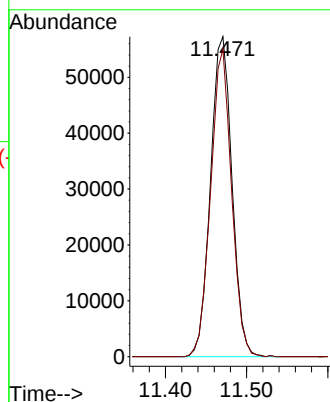
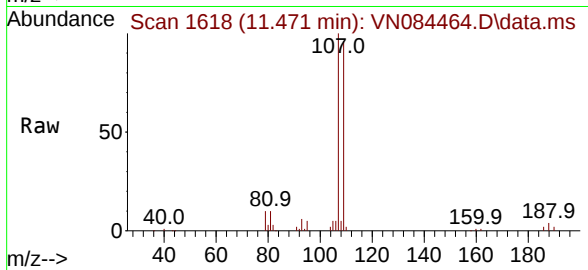




#61
1,2-Dibromoethane
Concen: 54.782 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

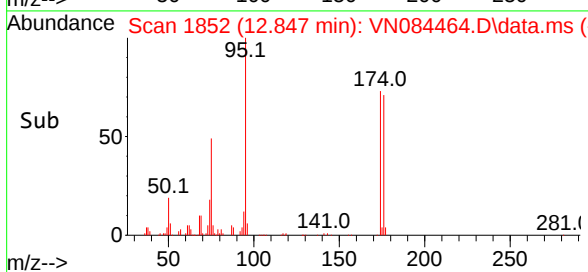
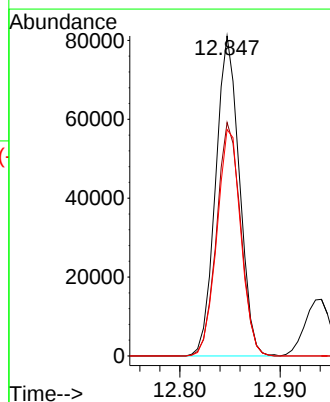
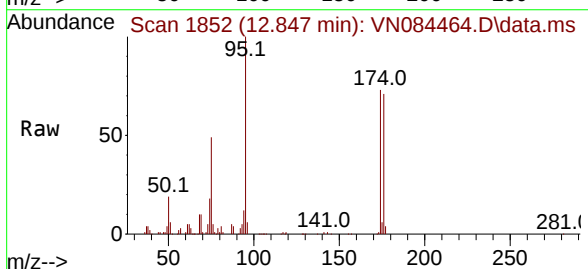
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

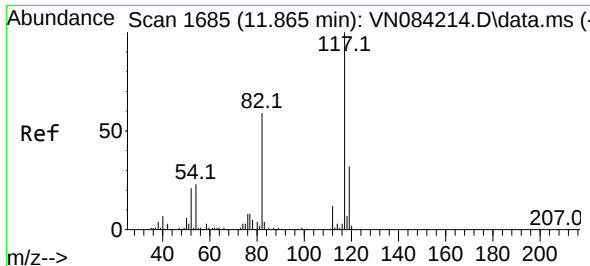
Tgt Ion:107 Resp: 105278
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 53.166 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 95 Resp: 133216
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.2
176 71.6 0.0 140.0

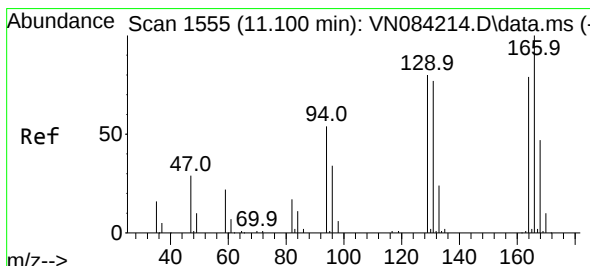
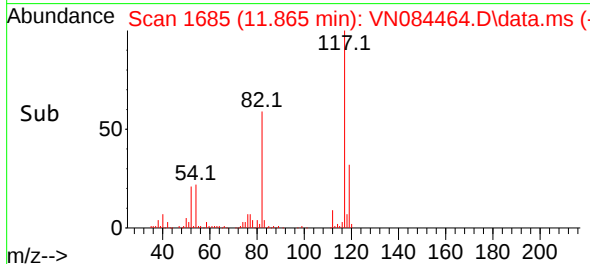
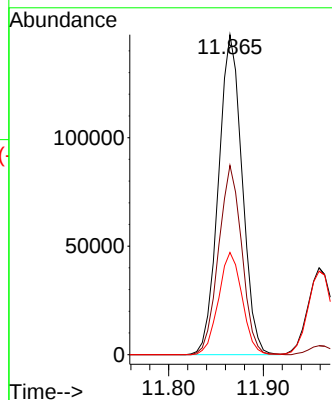
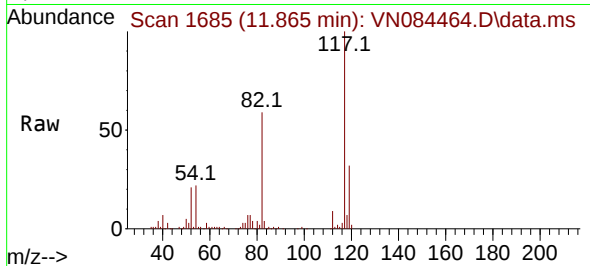




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

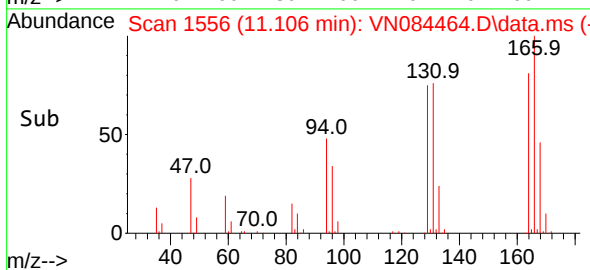
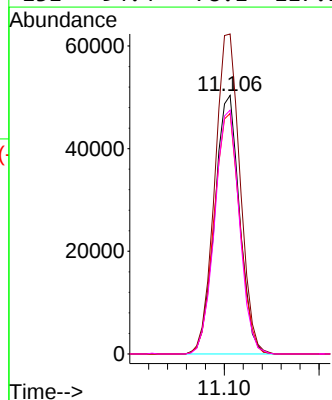
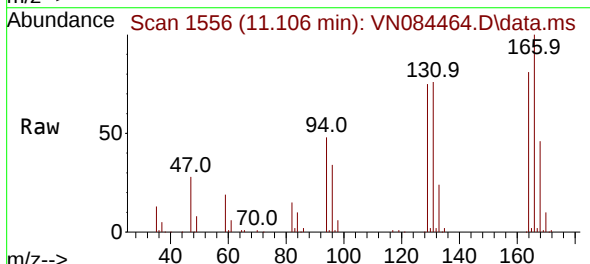
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

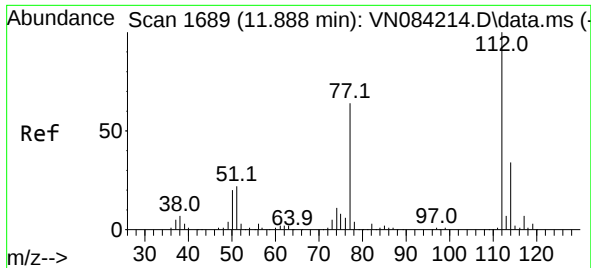
Tgt Ion:117 Resp: 256751
Ion Ratio Lower Upper
117 100
82 59.1 47.2 70.8
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 51.295 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion:164 Resp: 91732
Ion Ratio Lower Upper
164 100
166 123.8 101.0 151.4
129 93.0 80.8 121.2
131 94.4 78.1 117.1

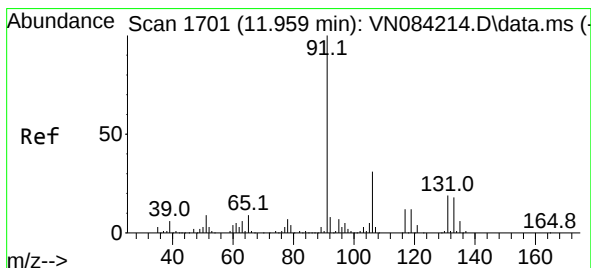
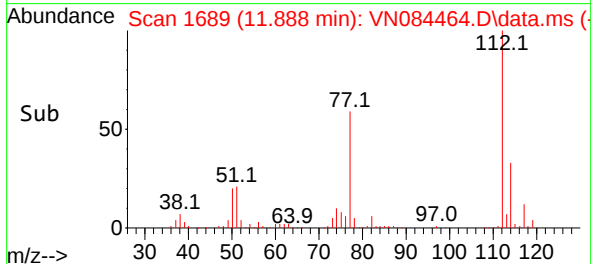
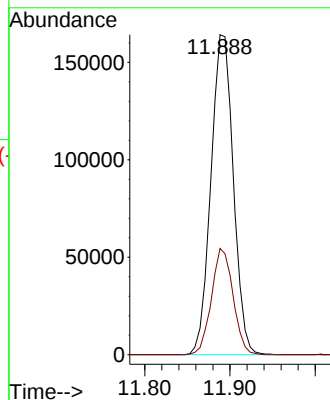
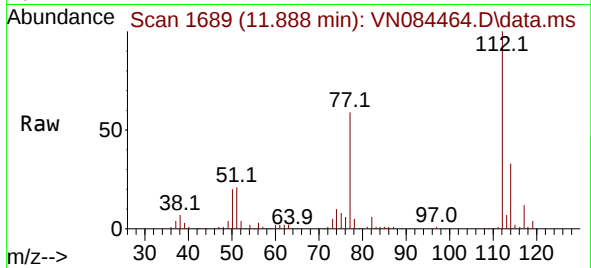




#65
Chlorobenzene
Concen: 52.686 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

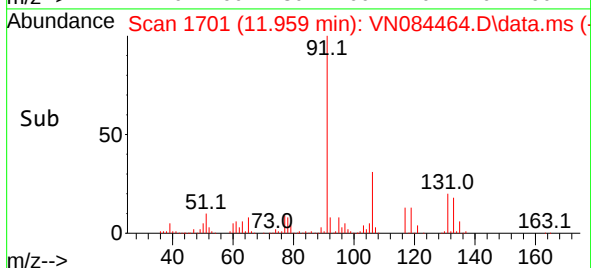
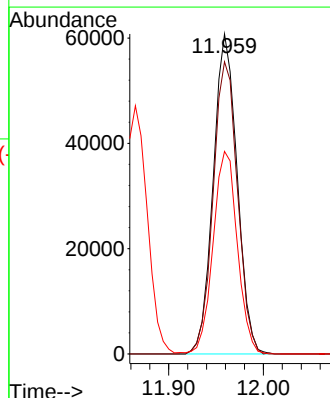
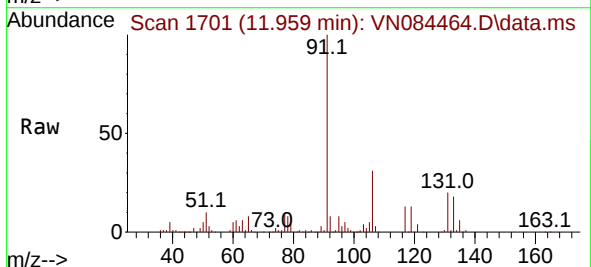
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

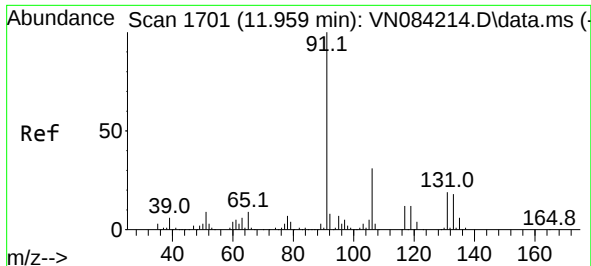
Tgt Ion:112 Resp: 299927
Ion Ratio Lower Upper
112 100
114 33.2 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.273 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion:131 Resp: 106419
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 64.2 32.8 98.3





#67

Ethyl Benzene

Concen: 53.458 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

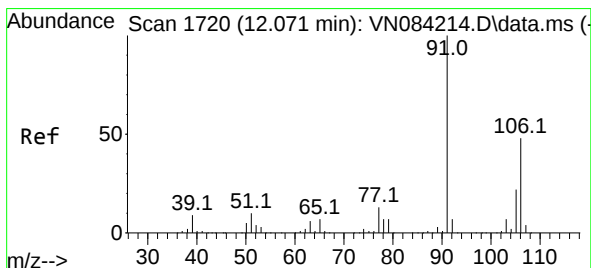
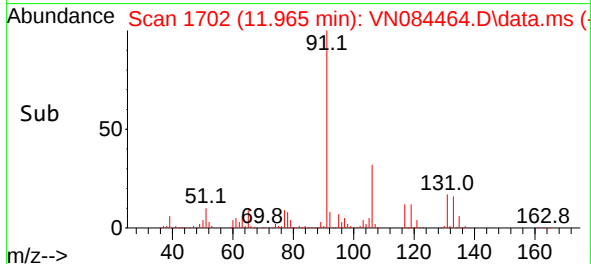
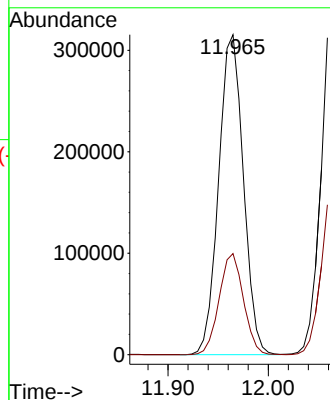
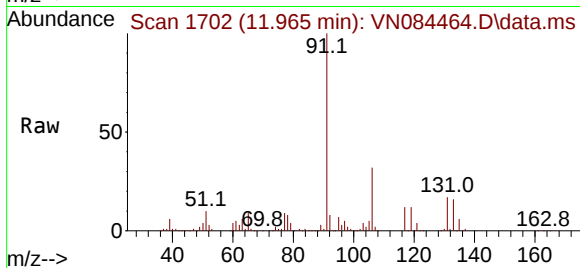
VSTDCCC050EC

Tgt Ion: 91 Resp: 538187

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 111.613 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084464.D

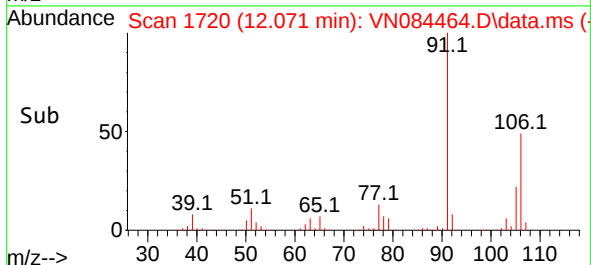
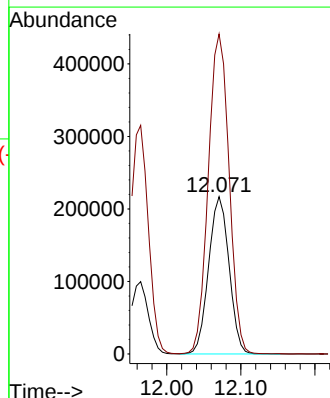
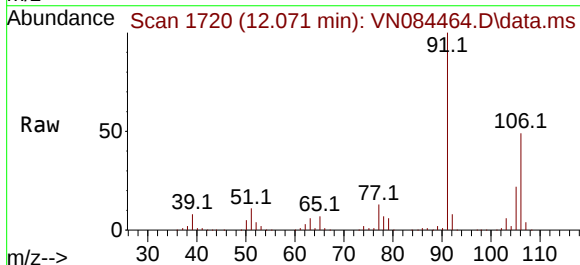
Acq: 22 Oct 2024 19:10

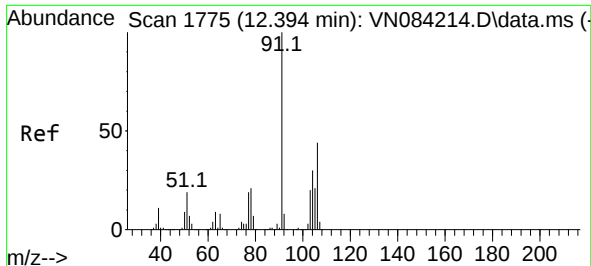
Tgt Ion:106 Resp: 415651

Ion Ratio Lower Upper

106 100

91 207.1 167.1 250.7

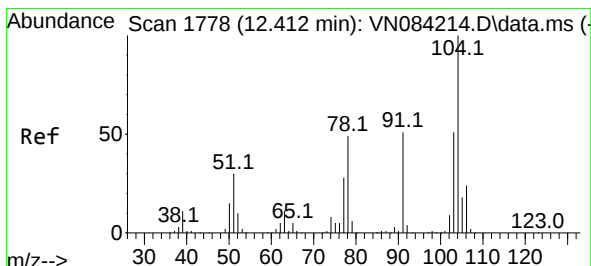
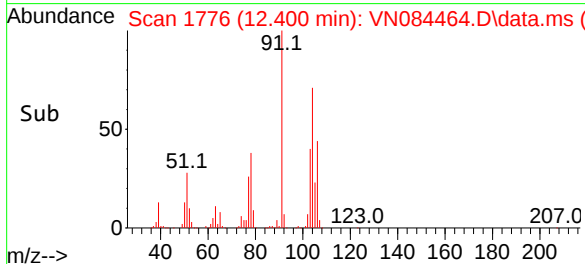
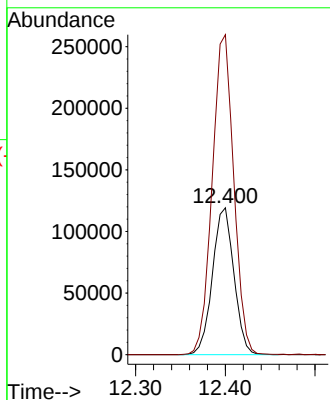
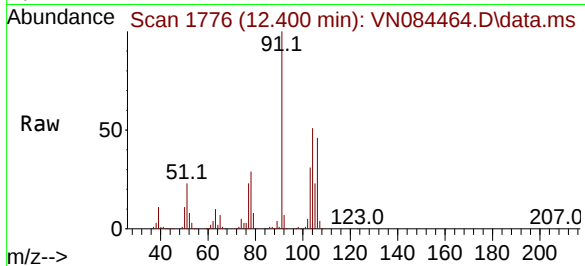




#69
o-Xylene
Concen: 56.237 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

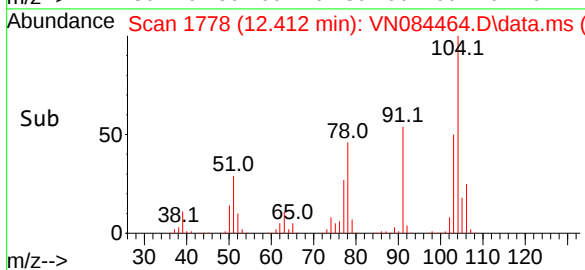
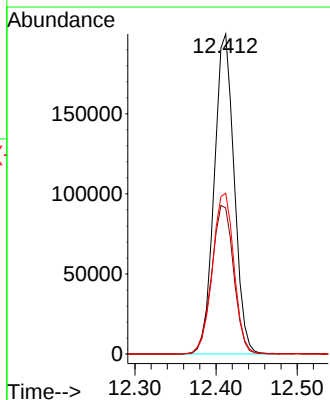
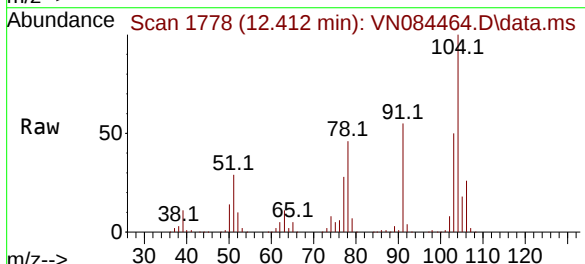
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

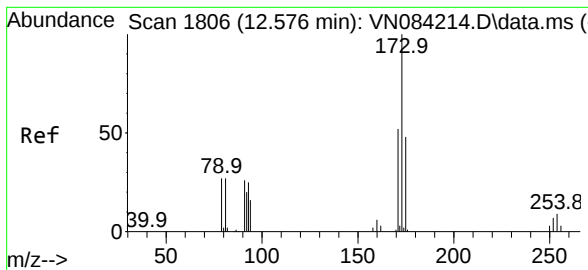
Tgt Ion:106 Resp: 198143
Ion Ratio Lower Upper
106 100
91 219.0 110.2 330.6



#70
Styrene
Concen: 57.255 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion:104 Resp: 341693
Ion Ratio Lower Upper
104 100
78 51.2 42.7 64.1
103 54.3 43.6 65.4





#71

Bromoform

Concen: 57.382 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

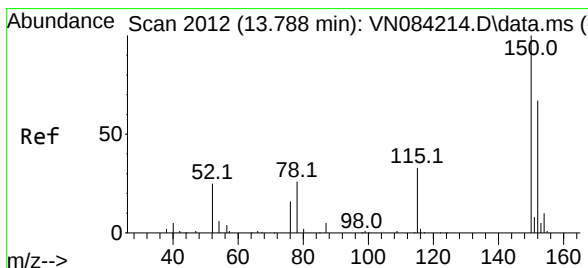
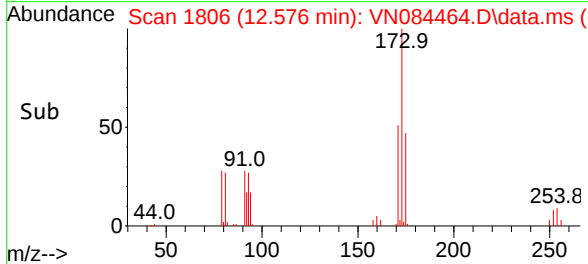
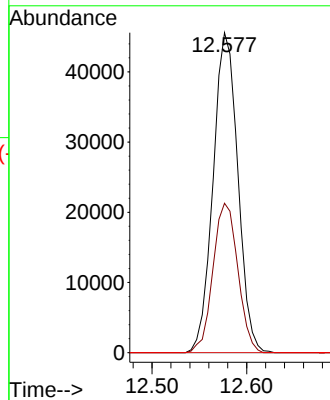
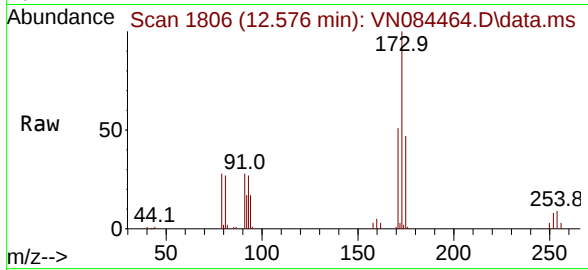
Tgt Ion:173 Resp: 82837

Ion Ratio Lower Upper

173 100

175 46.9 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: VN084464.D

Acq: 22 Oct 2024 19:10

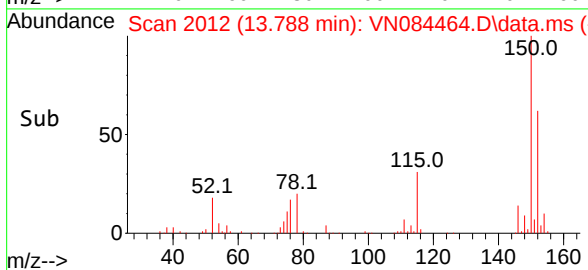
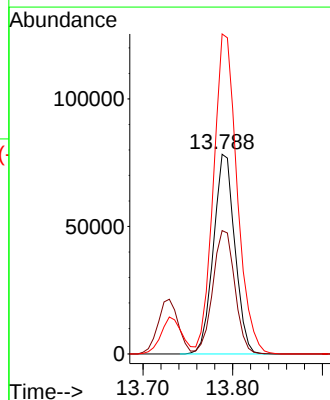
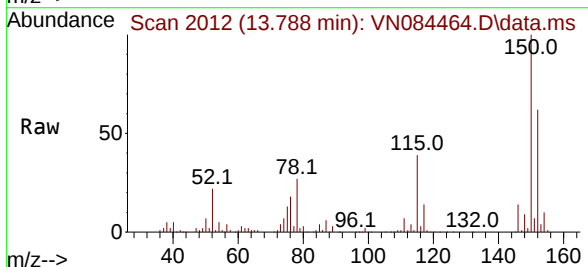
Tgt Ion:152 Resp: 129764

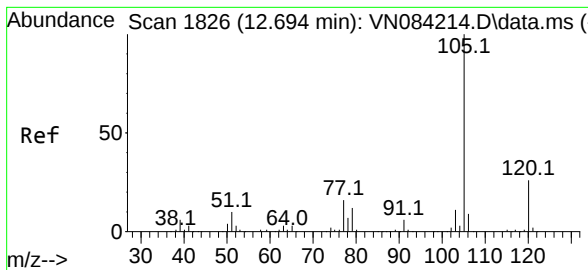
Ion Ratio Lower Upper

152 100

115 63.6 31.3 93.9

150 176.6 0.0 349.8





#73

Isopropylbenzene

Concen: 51.046 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

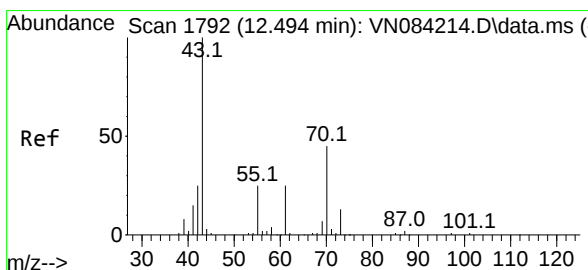
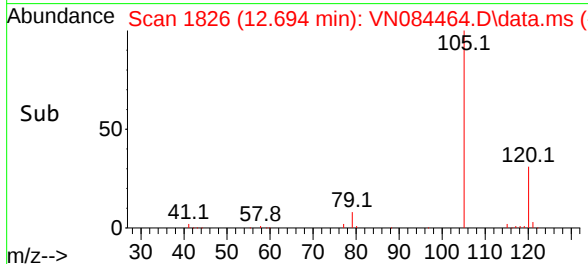
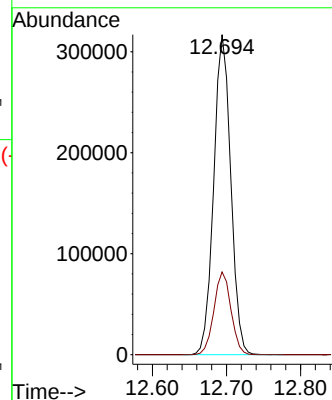
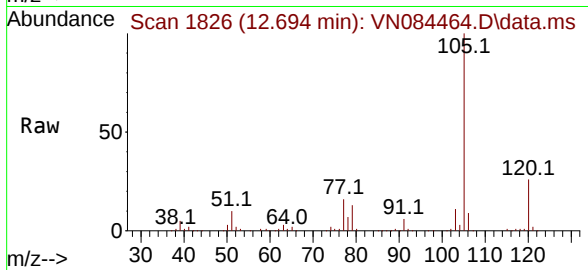
VSTDCCC050EC

Tgt Ion:105 Resp: 505467

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 49.173 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Tgt Ion: 43 Resp: 220493

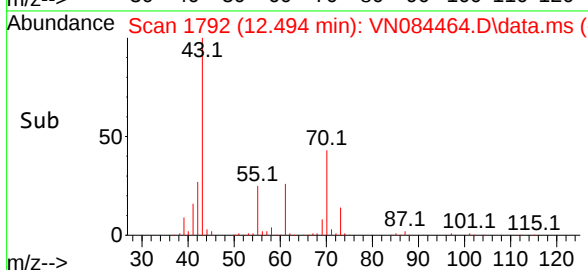
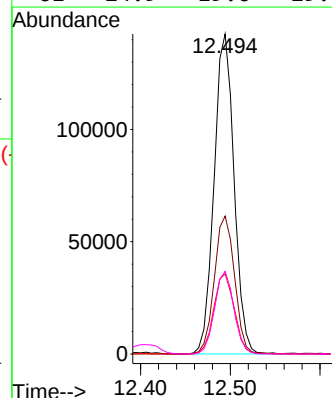
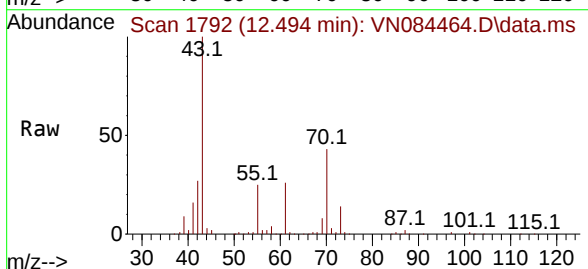
Ion Ratio Lower Upper

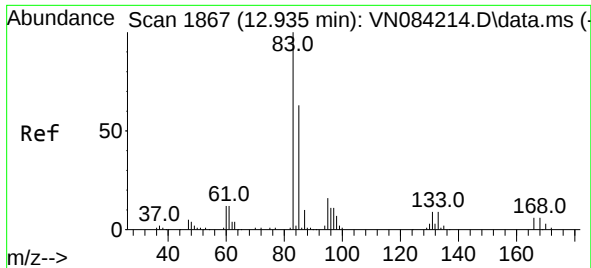
43 100

70 43.5 34.4 51.6

55 25.8 19.6 29.4

61 24.9 19.6 29.4

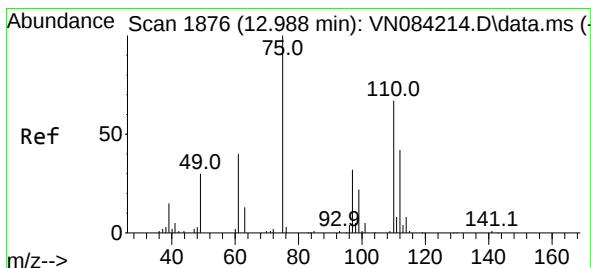
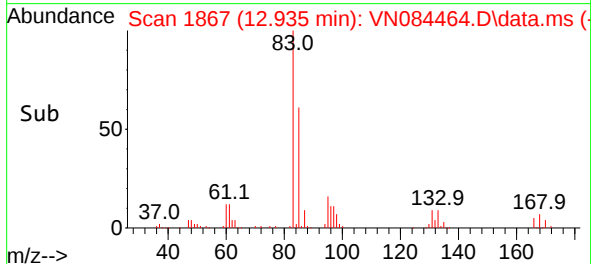
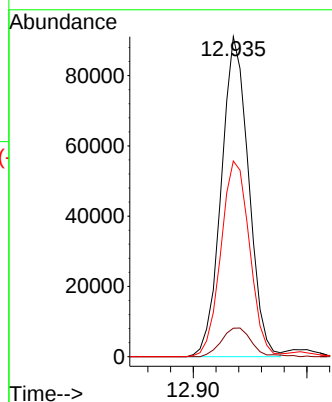
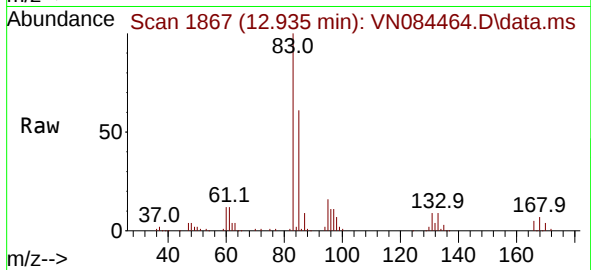




#75
1,1,2,2-Tetrachloroethane
Concen: 51.213 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

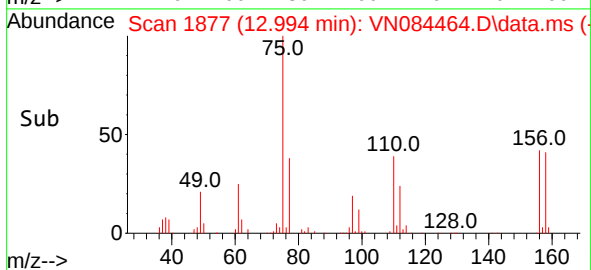
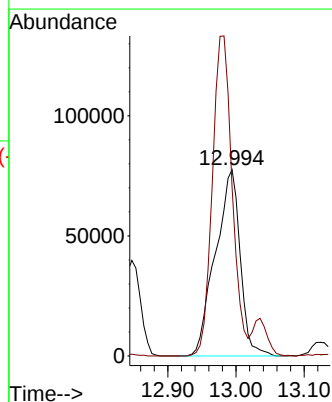
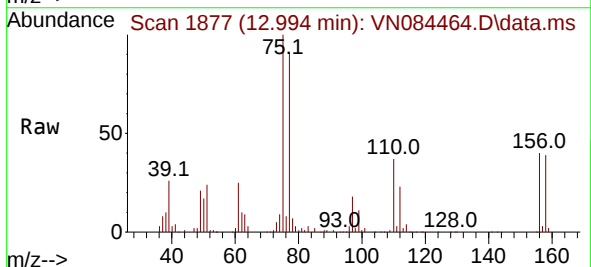
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

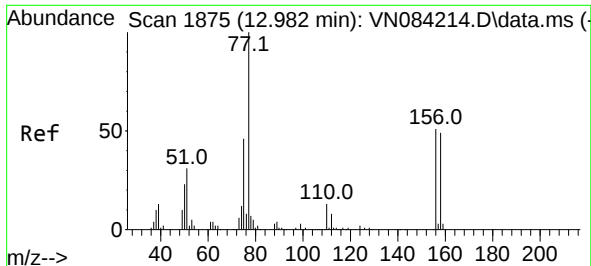
Tgt Ion: 83 Resp: 152487
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 74.075 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 75 Resp: 196236
Ion Ratio Lower Upper
75 100
77 137.3 96.9 290.7

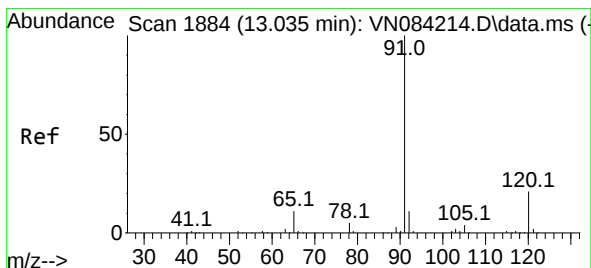
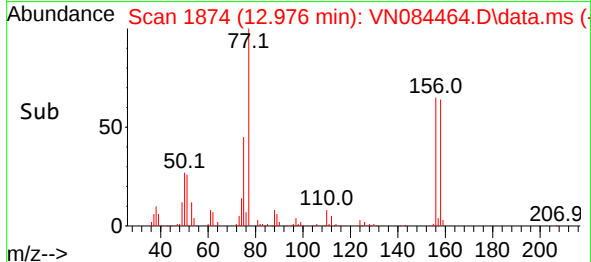
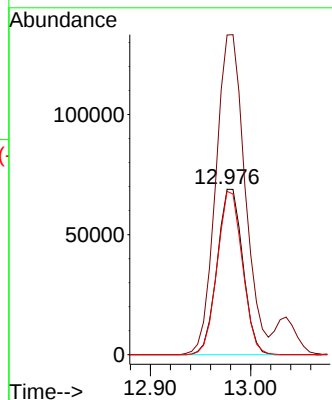
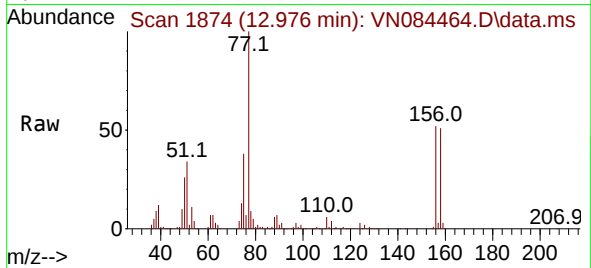




#77
Bromobenzene
Concen: 51.291 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

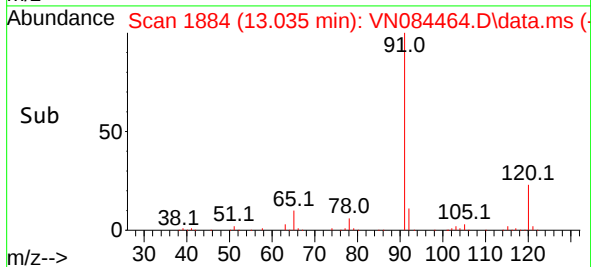
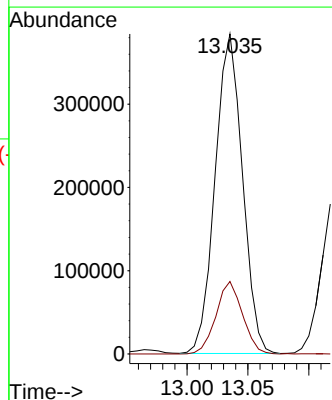
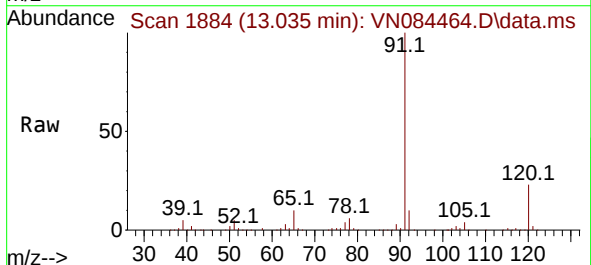
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

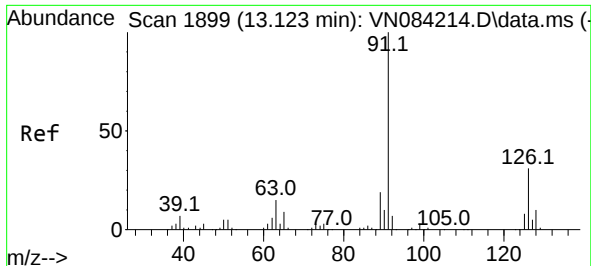
Tgt Ion:156 Resp: 122511
Ion Ratio Lower Upper
156 100
77 219.9 115.1 345.3
158 97.0 48.9 146.8



#78
n-propylbenzene
Concen: 52.243 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 91 Resp: 599366
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 50.163 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

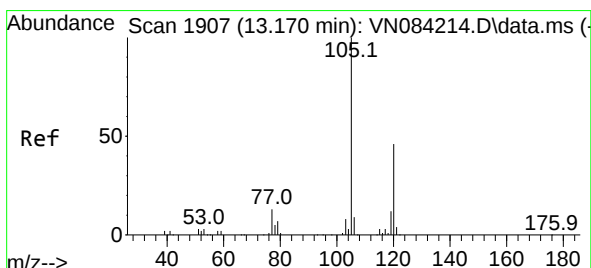
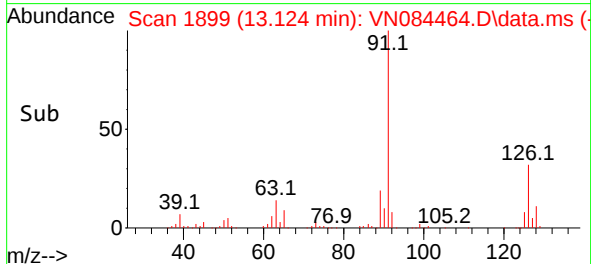
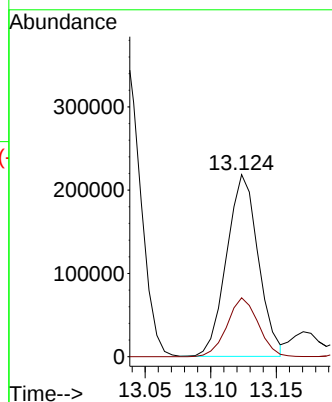
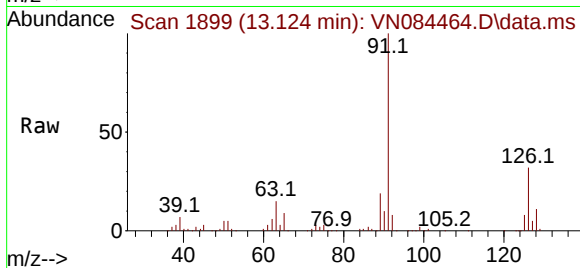
VSTDCCC050EC

Tgt Ion: 91 Resp: 367237

Ion Ratio Lower Upper

91 100

126 31.9 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 53.702 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084464.D

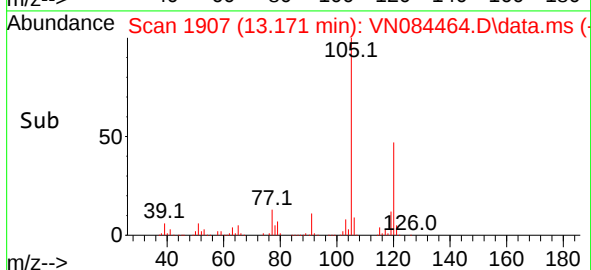
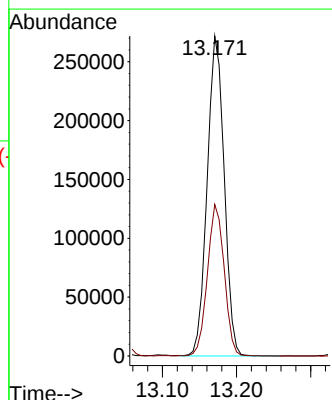
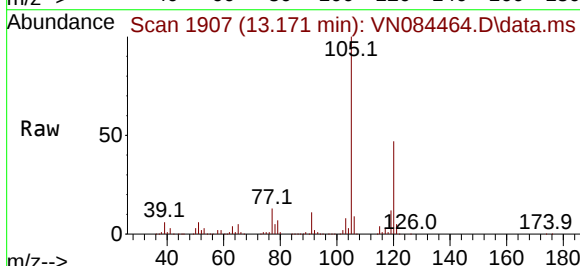
Acq: 22 Oct 2024 19:10

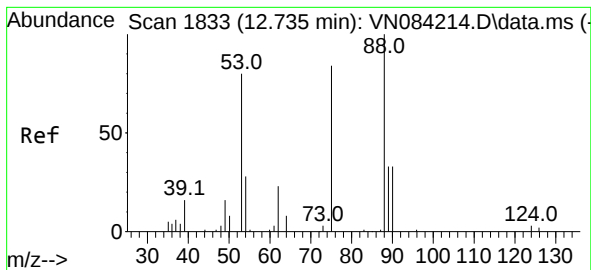
Tgt Ion:105 Resp: 433774

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1

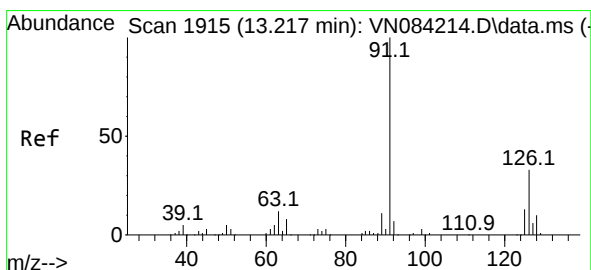
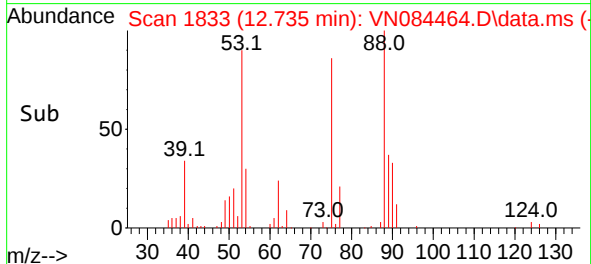
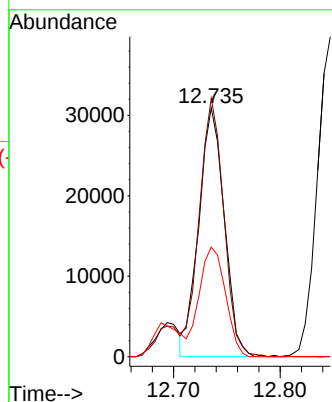
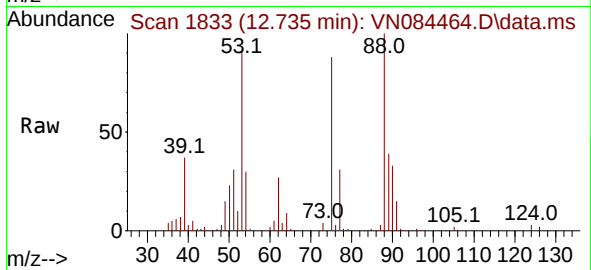




#81
trans-1,4-Dichloro-2-butene
Concen: 46.491 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

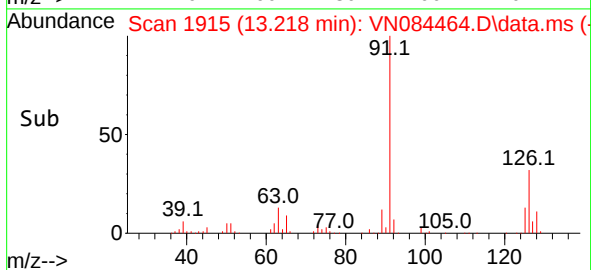
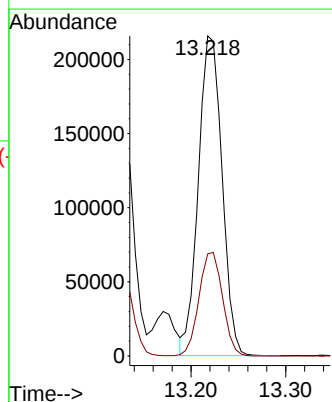
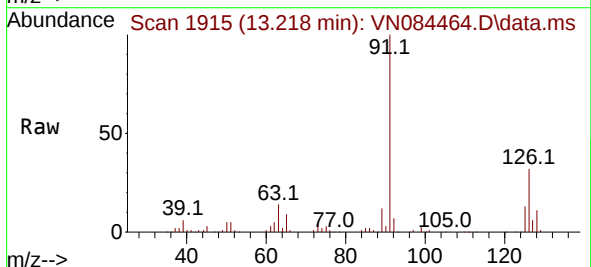
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

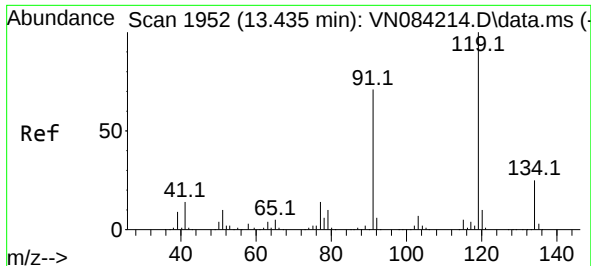
Tgt Ion: 75 Resp: 51372
Ion Ratio Lower Upper
75 100
53 100.4 78.0 117.0
89 45.1 35.5 53.3



#82
4-Chlorotoluene
Concen: 50.863 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 91 Resp: 374840
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

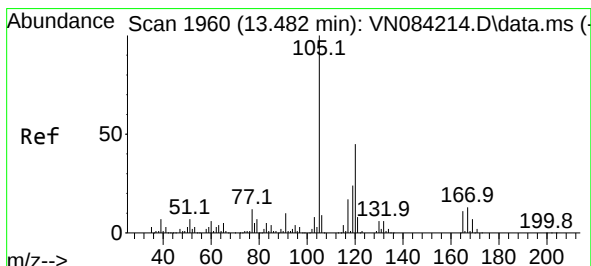
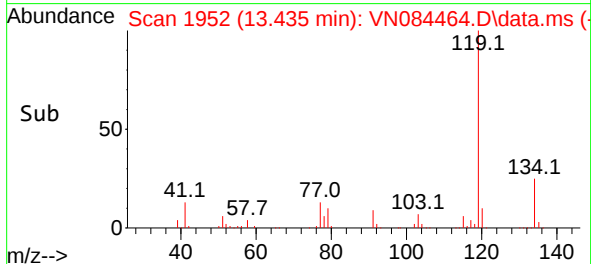
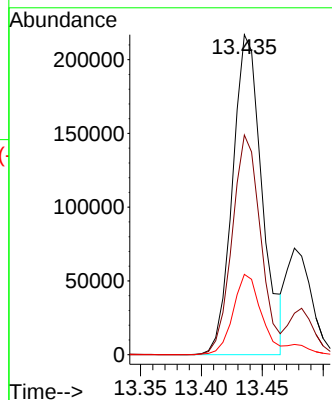
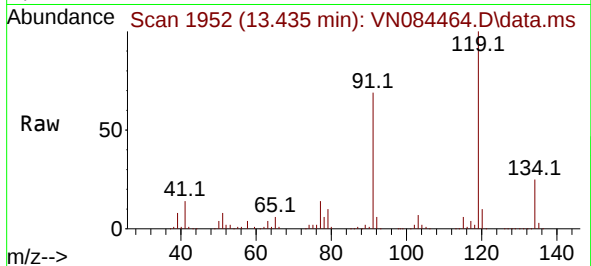




#83
 tert-Butylbenzene
 Concen: 50.918 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

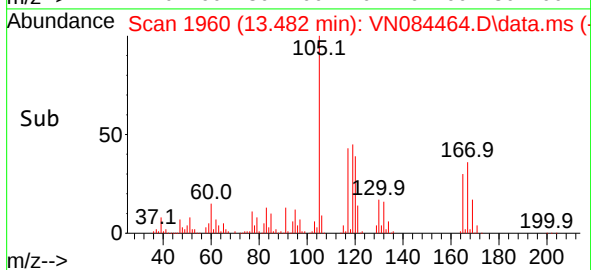
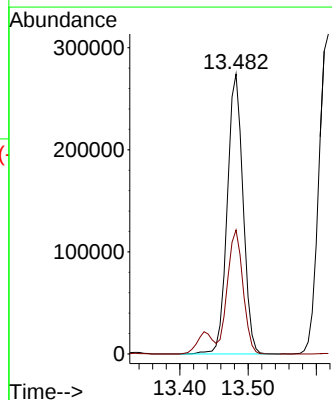
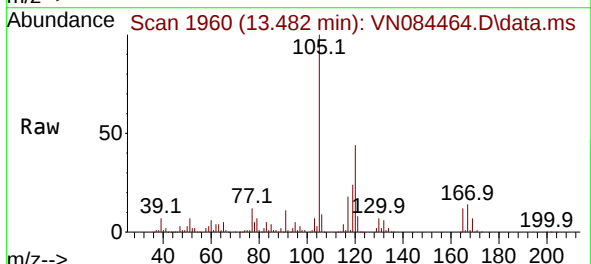
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

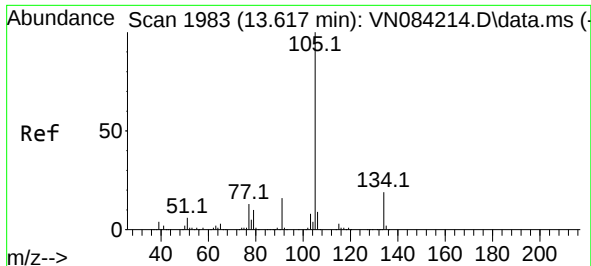
Tgt Ion:119 Resp: 365550
 Ion Ratio Lower Upper
 119 100
 91 66.6 34.1 102.3
 134 26.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.070 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion:105 Resp: 439968
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.3 66.8

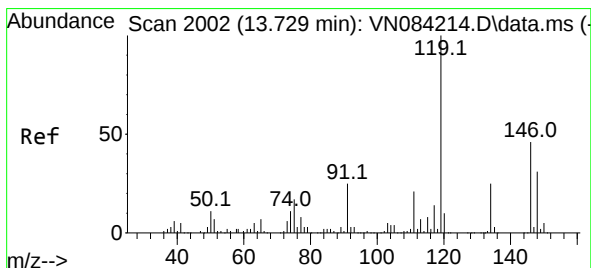
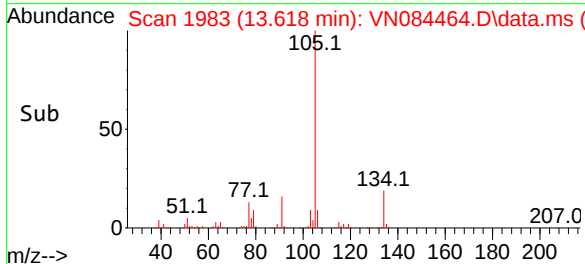
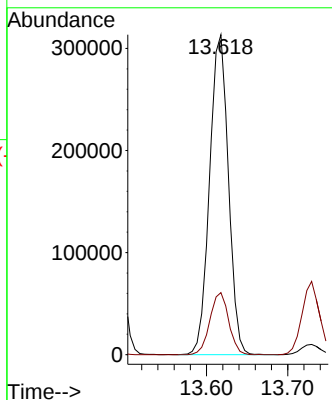
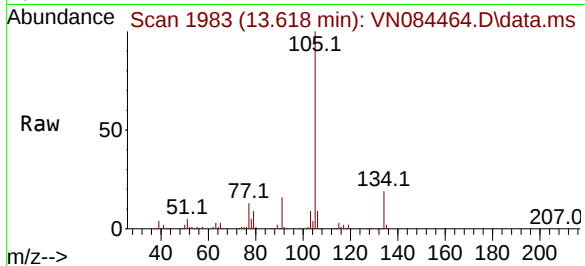




#85
 sec-Butylbenzene
 Concen: 52.640 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

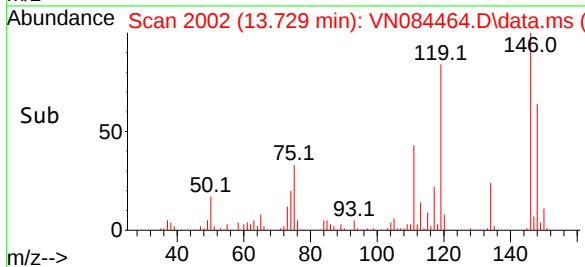
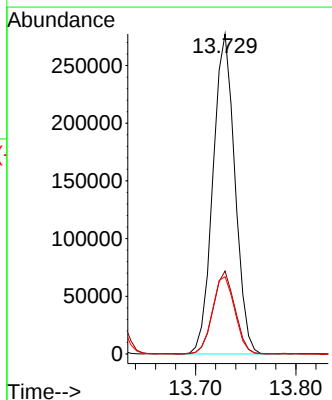
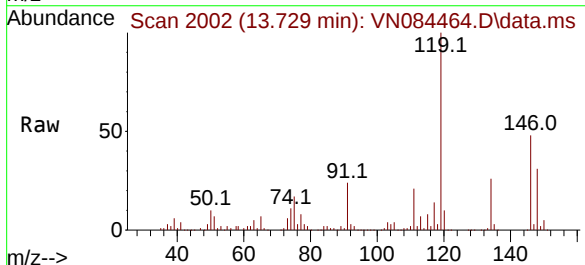
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

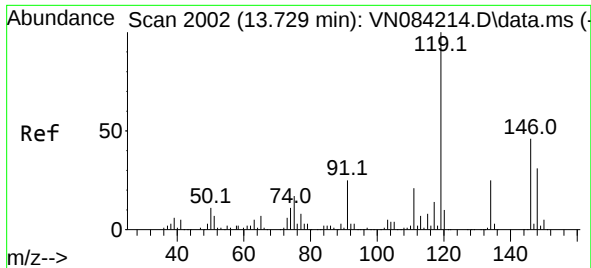
Tgt Ion:105 Resp: 504290
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.246 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion:119 Resp: 421808
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.8 12.4 37.2

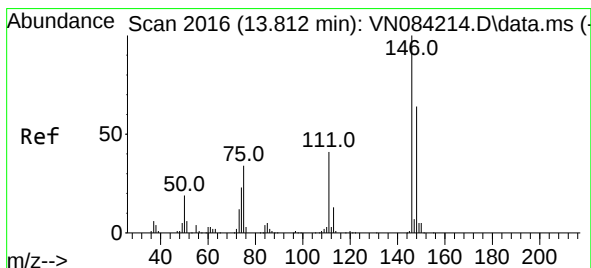
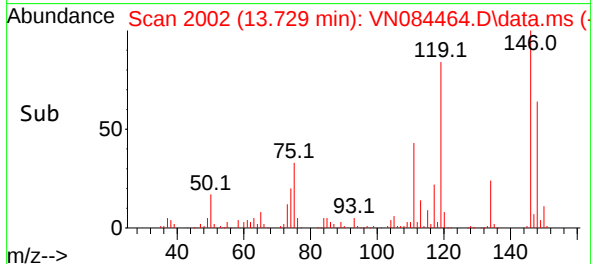
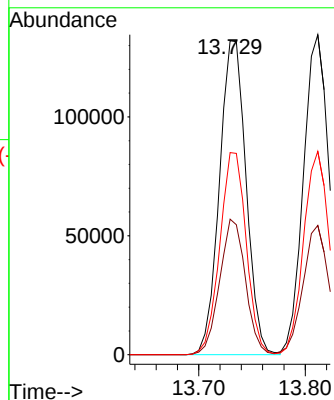
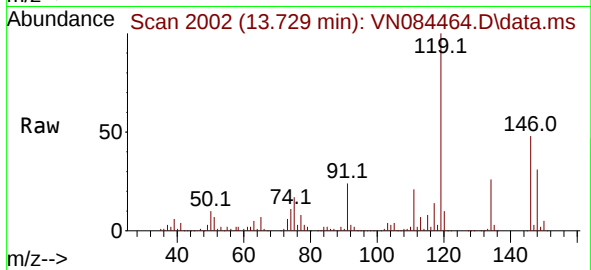




#87
 1,3-Dichlorobenzene
 Concen: 51.222 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

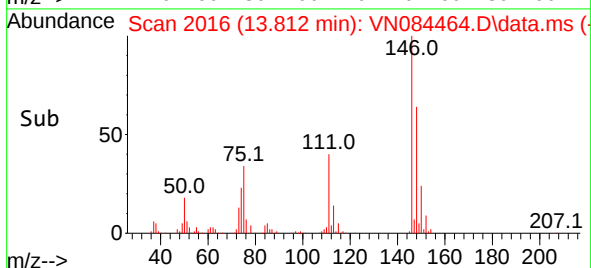
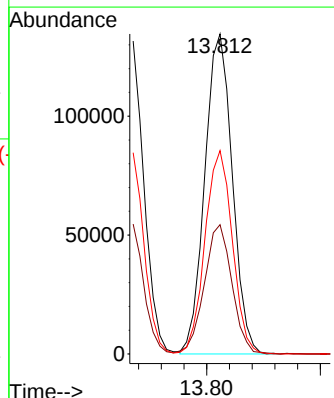
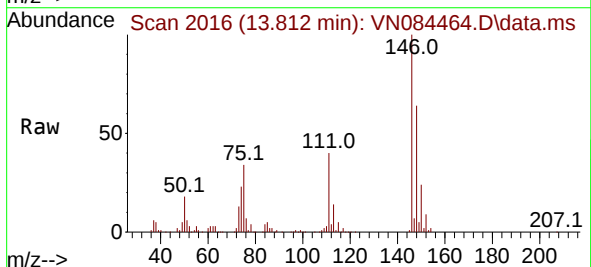
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

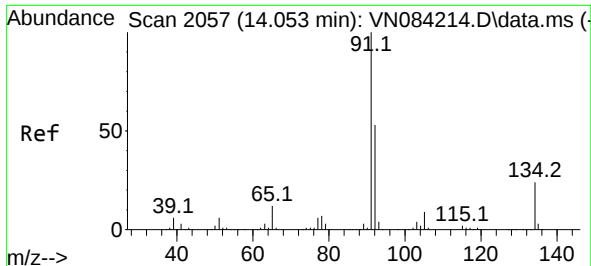
Tgt Ion:146 Resp: 229520
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.8 65.3
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.147 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion:146 Resp: 226918
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.2 63.6
 148 63.2 31.9 95.9





#89

n-Butylbenzene

Concen: 49.759 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084464.D

Acq: 22 Oct 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

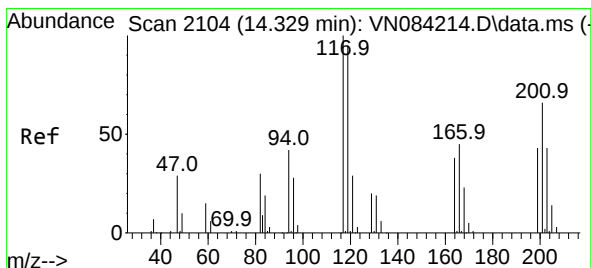
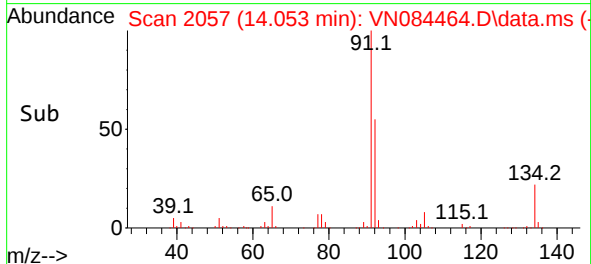
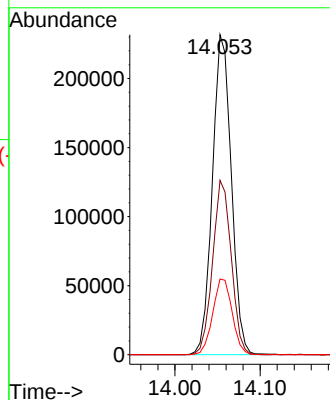
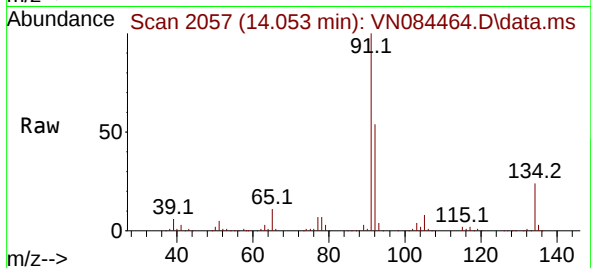
Tgt Ion: 91 Resp: 357432

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 24.2 12.3 36.9



#90

Hexachloroethane

Concen: 48.312 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084464.D

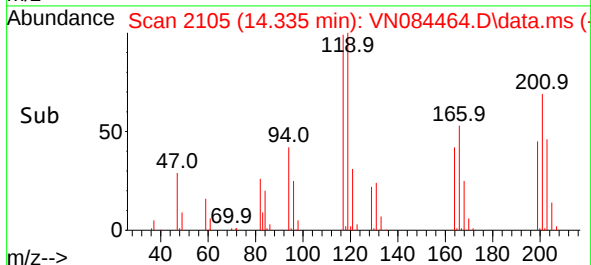
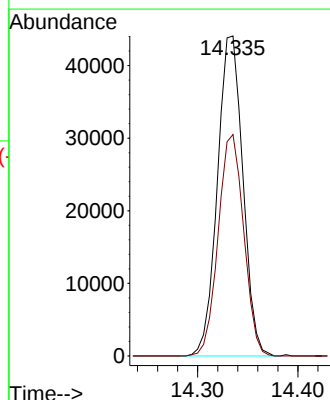
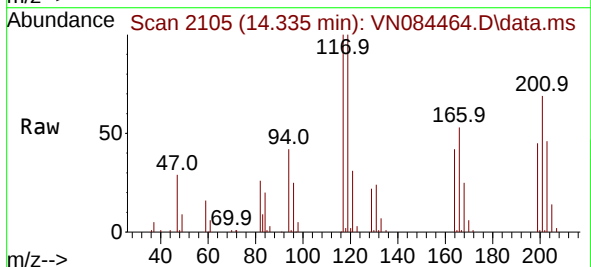
Acq: 22 Oct 2024 19:10

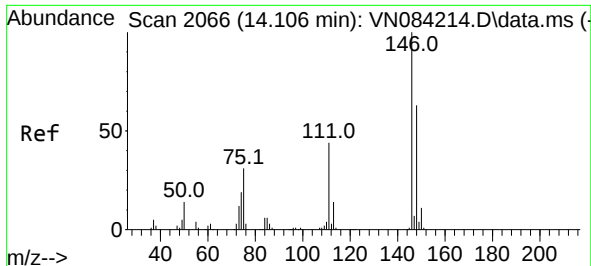
Tgt Ion: 117 Resp: 77686

Ion Ratio Lower Upper

117 100

201 69.2 34.4 103.2

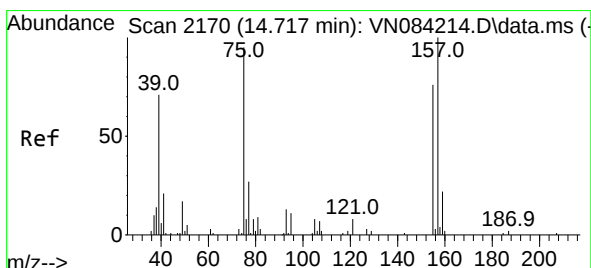
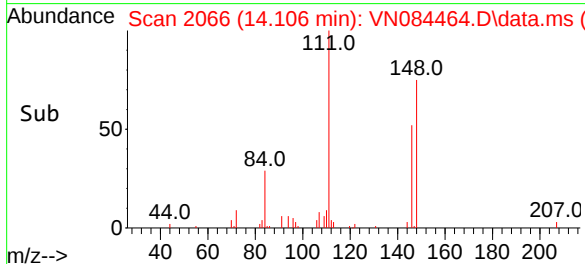
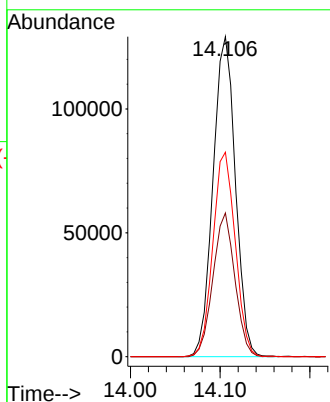
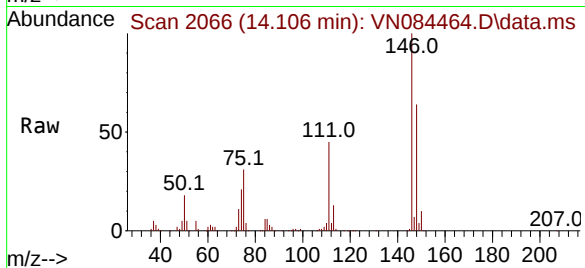




#91
1,2-Dichlorobenzene
Concen: 50.906 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

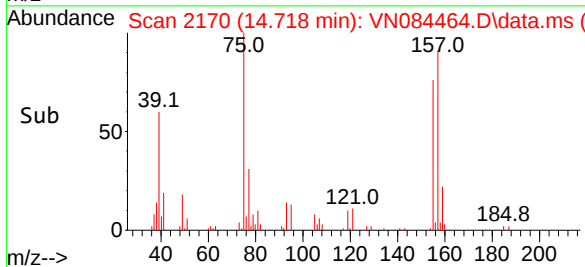
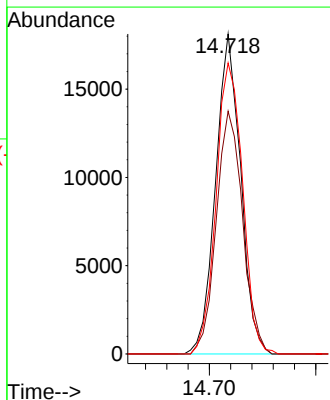
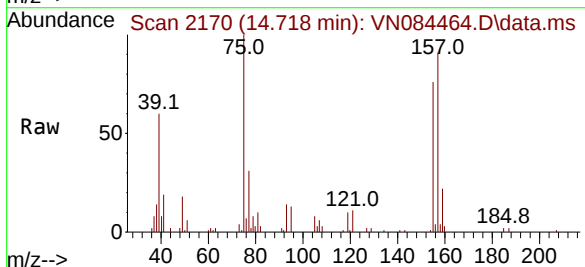
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

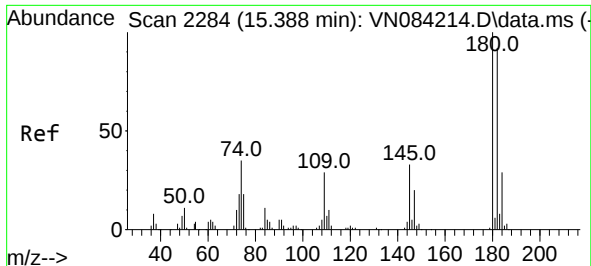
Tgt Ion:146 Resp: 223667
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.080 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion: 75 Resp: 29542
Ion Ratio Lower Upper
75 100
155 80.1 38.1 114.5
157 96.2 49.6 149.0

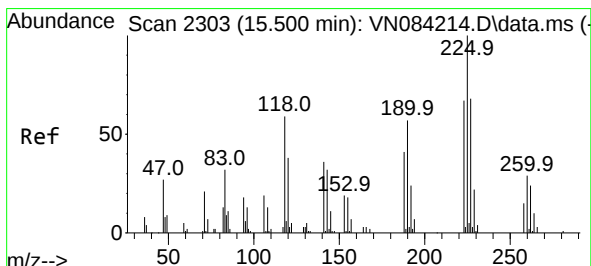
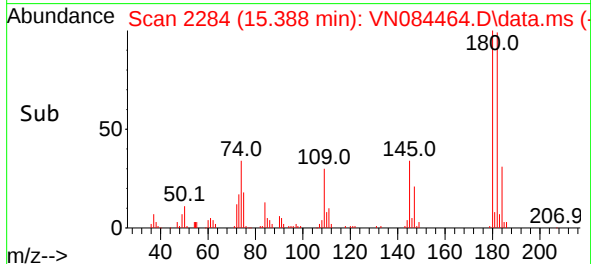
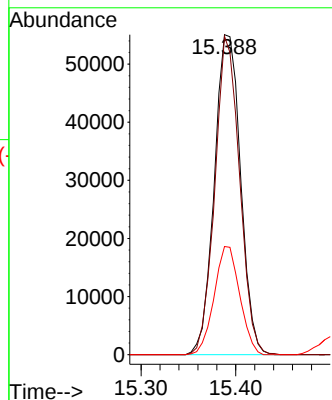
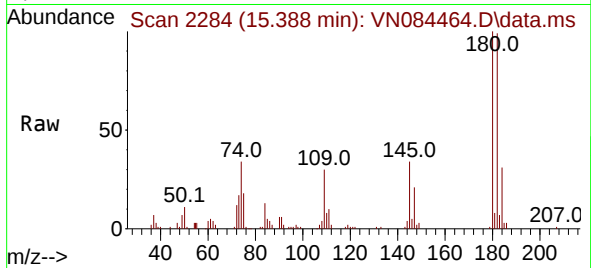




#93
 1,2,4-Trichlorobenzene
 Concen: 48.951 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

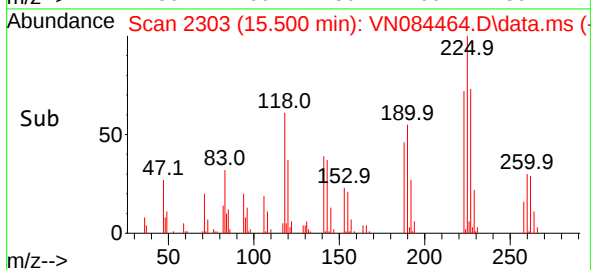
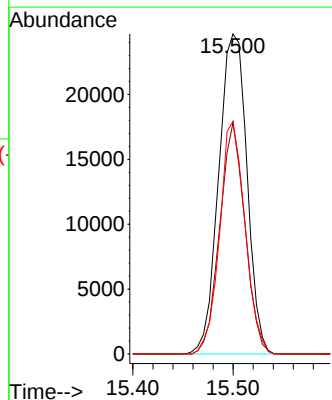
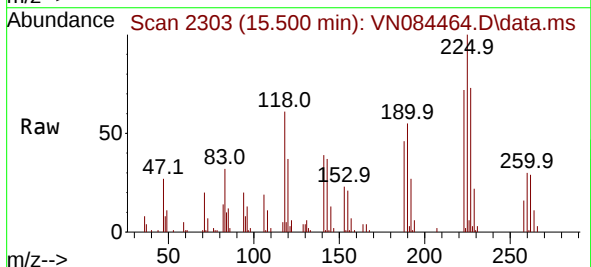
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

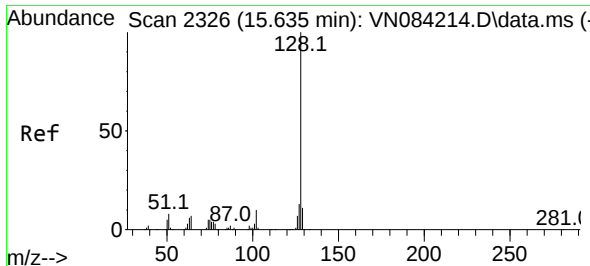
Tgt Ion:180 Resp: 105936
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.0 141.0
 145 33.0 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 44.635 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN084464.D
 Acq: 22 Oct 2024 19:10

Tgt Ion:225 Resp: 48172
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.4 97.2
 227 65.4 32.4 97.0

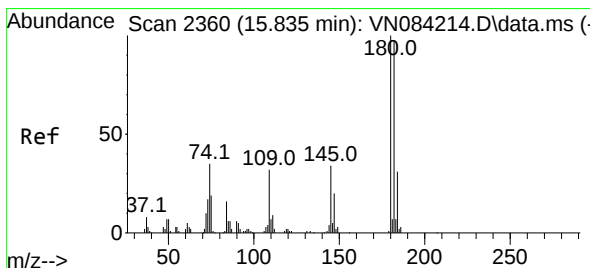
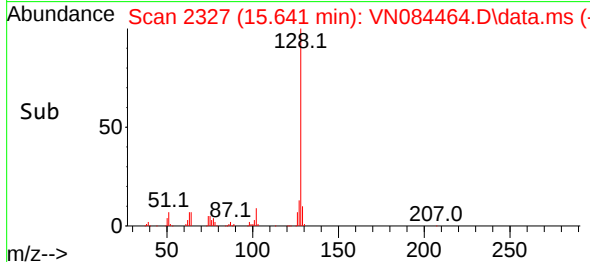
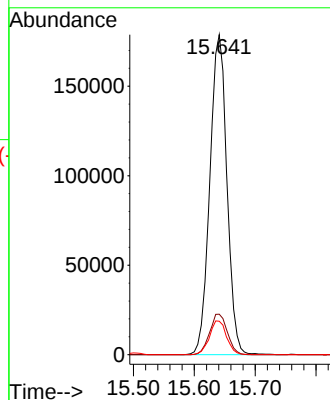
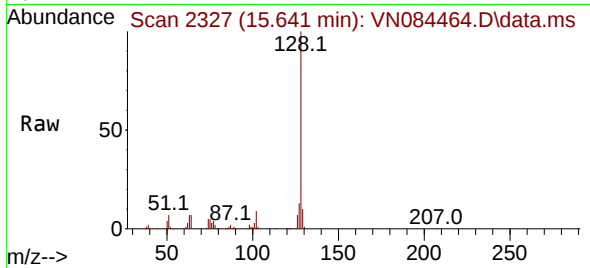




#95
Naphthalene
Concen: 48.506 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 348005
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.551 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084464.D
Acq: 22 Oct 2024 19:10

Tgt Ion:180 Resp: 105176
Ion Ratio Lower Upper
180 100
182 94.4 48.2 144.6
145 35.3 17.3 51.9

