

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084448.D
 Acq On : 21 Oct 2024 20:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:42:17 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	164267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116690	47.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.820%			
35) Dibromofluoromethane	8.165	113	96698	52.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.565	98	354860	51.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.847	95	129892	52.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	84821	43.654	ug/l	94
3) Chloromethane	2.359	50	94401	42.550	ug/l	96
4) Vinyl Chloride	2.512	62	95237	44.316	ug/l	100
5) Bromomethane	2.942	94	58167	41.035	ug/l	96
6) Chloroethane	3.112	64	62275	40.462	ug/l	98
7) Trichlorofluoromethane	3.495	101	163261	48.786	ug/l	97
8) Diethyl Ether	3.959	74	60533	48.772	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	95561	49.837	ug/l	99
10) Methyl Iodide	4.589	142	118118	47.834	ug/l	98
11) Tert butyl alcohol	5.518	59	84056	209.300	ug/l	100
12) 1,1-Dichloroethene	4.336	96	91278	49.352	ug/l	98
13) Acrolein	4.183	56	86128	186.809	ug/l	98
14) Allyl chloride	5.024	41	140602	43.772	ug/l	98
15) Acrylonitrile	5.718	53	264703	261.006	ug/l	98
16) Acetone	4.430	43	209499	200.235	ug/l	97
17) Carbon Disulfide	4.712	76	222486	37.994	ug/l	99
18) Methyl Acetate	5.024	43	135697	59.505	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	323965	51.897	ug/l	99
20) Methylene Chloride	5.277	84	108136	50.844	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	95558	49.315	ug/l	98
22) Diisopropyl ether	6.671	45	344689	51.879	ug/l	99
23) Vinyl Acetate	6.600	43	1175888	238.618	ug/l	100
24) 1,1-Dichloroethane	6.571	63	190033	51.145	ug/l	98
25) 2-Butanone	7.483	43	333066	233.725	ug/l	99
26) 2,2-Dichloropropane	7.494	77	149770	44.706	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	118609	50.655	ug/l	97
28) Bromochloromethane	7.812	49	78703	47.474	ug/l	97
29) Tetrahydrofuran	7.841	42	221138	251.461	ug/l	97
30) Chloroform	7.965	83	201338	52.167	ug/l	100
31) Cyclohexane	8.259	56	153399	42.521	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	177818	51.300	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133081	49.312	ug/l	98
37) Ethyl Acetate	7.559	43	133124	48.082	ug/l	99
38) Carbon Tetrachloride	8.359	117	150440	50.818	ug/l	97
39) Methylcyclohexane	9.600	83	138930	46.254	ug/l	99
40) Benzene	8.606	78	428332	50.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	76939	51.187	ug/l	97
42) 1,2-Dichloroethane	8.671	62	142985	50.160	ug/l	98
43) Isopropyl Acetate	8.688	43	229980	42.408	ug/l	99
44) Trichloroethene	9.353	130	99355	50.592	ug/l	99
45) 1,2-Dichloropropane	9.618	63	106710	53.648	ug/l	97
46) Dibromomethane	9.706	93	74783	55.712	ug/l	99
47) Bromodichloromethane	9.888	83	159633	53.528	ug/l	98
48) Methyl methacrylate	9.682	41	109772	50.850	ug/l	99
49) 1,4-Dioxane	9.694	88	39543	994.968	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	708662	268.874	ug/l	100
52) Toluene	10.629	92	268587	52.382	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	155308	51.089	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	170218	52.057	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	101779	55.371	ug/l	98
56) Ethyl methacrylate	10.871	69	165318	54.658	ug/l	97
57) 1,3-Dichloropropane	11.159	76	175471	53.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	390411	278.254	ug/l	98
59) 2-Hexanone	11.194	43	512990	260.410	ug/l	99
60) Dibromochloromethane	11.359	129	122224	56.277	ug/l	100
61) 1,2-Dibromoethane	11.471	107	100984	52.872	ug/l	100
64) Tetrachloroethene	11.100	164	87525	48.943	ug/l	97
65) Chlorobenzene	11.888	112	285234	50.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	104070	53.075	ug/l	99
67) Ethyl Benzene	11.965	91	518810	51.533	ug/l	100
68) m/p-Xylenes	12.070	106	389131	104.492	ug/l	100
69) o-Xylene	12.400	106	188510	53.503	ug/l	99
70) Styrene	12.412	104	329833	55.268	ug/l	99
71) Bromoform	12.576	173	78482	54.365	ug/l #	97
73) Isopropylbenzene	12.694	105	482626	48.507	ug/l	100
74) N-amyl acetate	12.494	43	205514	45.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	150053	50.155	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	189767	71.291	ug/l	61
77) Bromobenzene	12.976	156	118173	49.239	ug/l	94
78) n-propylbenzene	13.035	91	573481	49.748	ug/l	99
79) 2-Chlorotoluene	13.123	91	356393	48.450	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	411332	50.681	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55404	49.901	ug/l	89
82) 4-Chlorotoluene	13.223	91	360840	48.730	ug/l	99
83) tert-Butylbenzene	13.435	119	352909	48.923	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	416913	50.992	ug/l	100
85) sec-Butylbenzene	13.617	105	482488	50.124	ug/l	100
86) p-Isopropyltoluene	13.729	119	404005	50.755	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	217666	48.345	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218499	48.056	ug/l	99
89) n-Butylbenzene	14.053	91	342382	47.437	ug/l	99
90) Hexachloroethane	14.335	117	74567	46.151	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	214956	48.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28592	46.312	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105156	48.359	ug/l	99
94) Hexachlorobutadiene	15.500	225	47024	43.364	ug/l	98
95) Naphthalene	15.641	128	338368	46.938	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103615	47.602	ug/l	99

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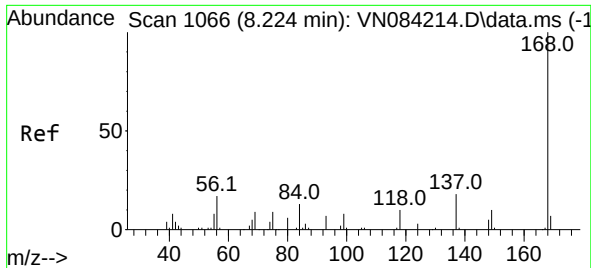
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

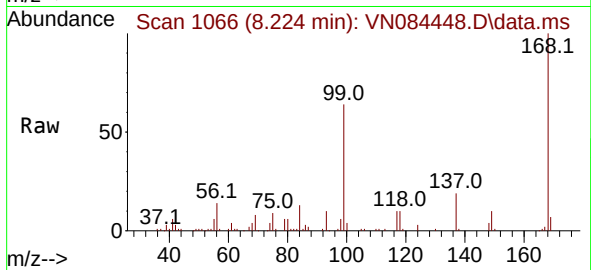
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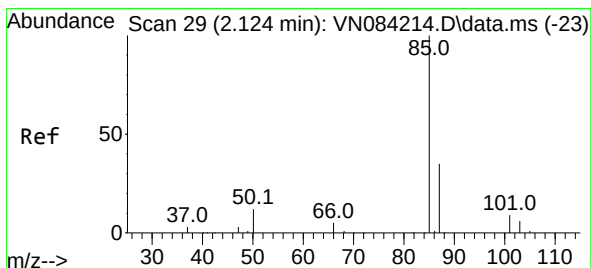
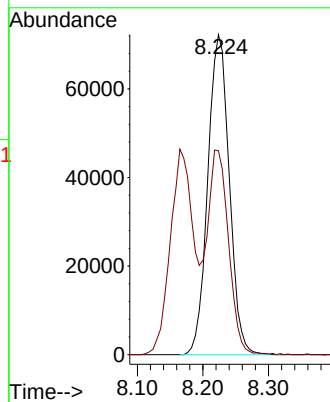
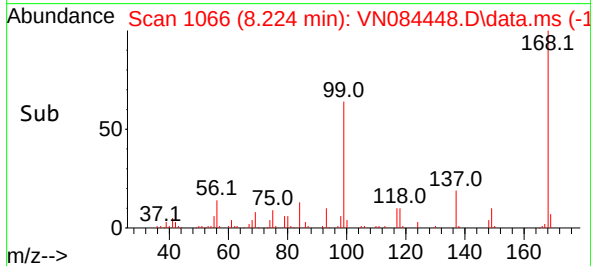


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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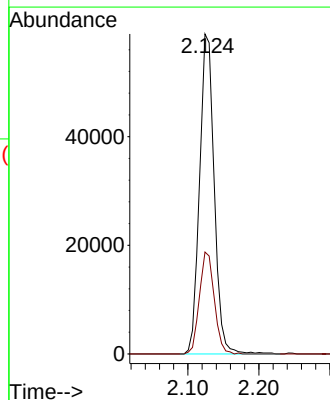
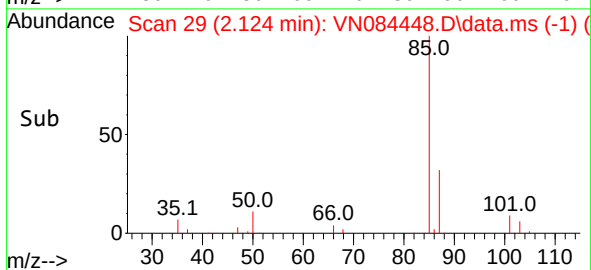
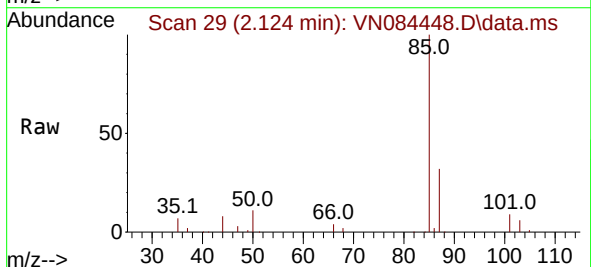


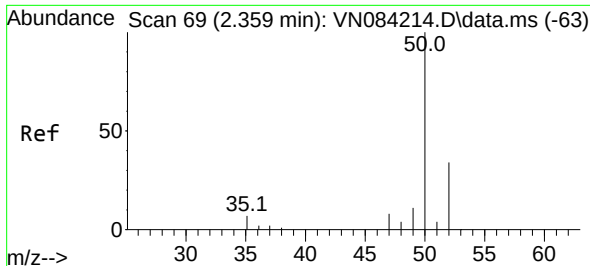
Tgt Ion:168 Resp: 164267
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 43.654 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 85 Resp: 84821
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9

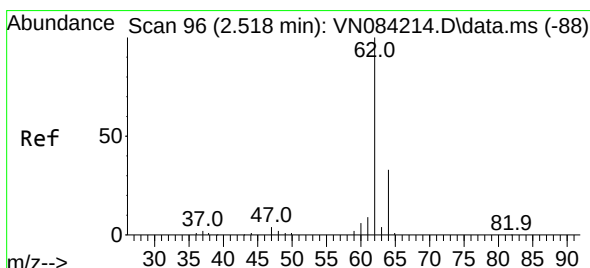
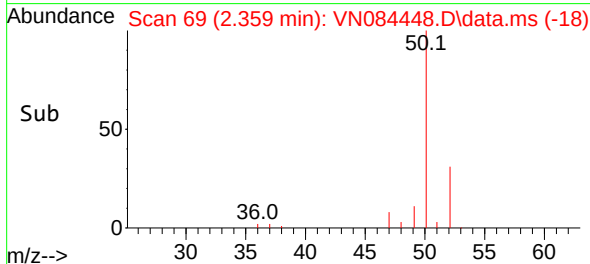
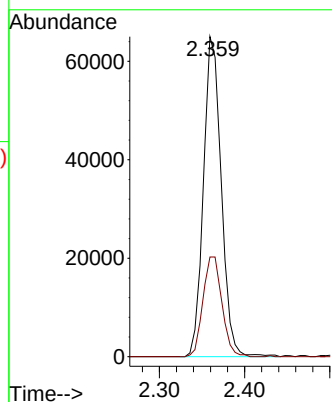
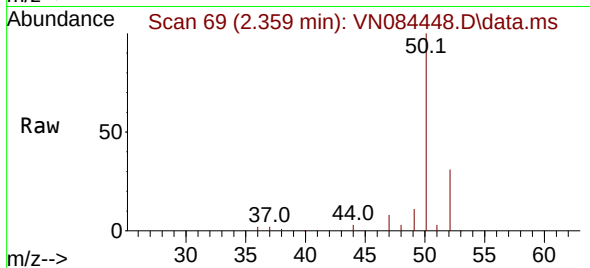




#3
Chloromethane
Concen: 42.550 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084448.D
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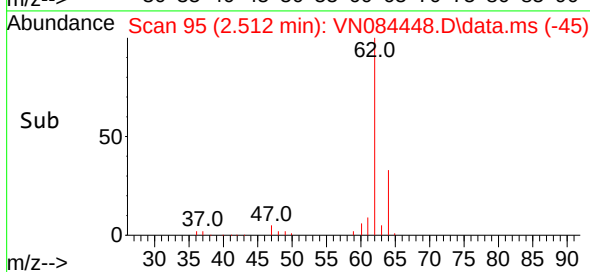
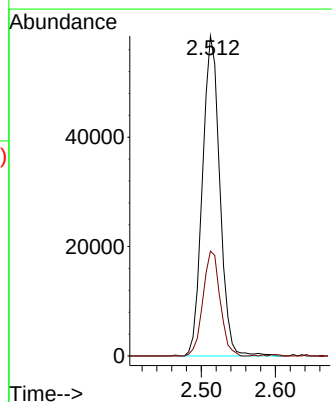
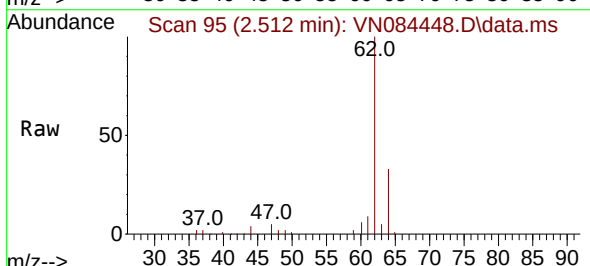
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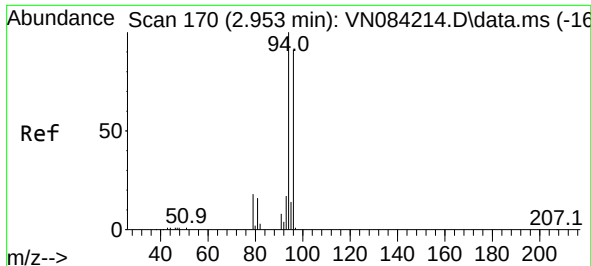
Tgt Ion: 50 Resp: 94401
Ion Ratio Lower Upper
50 100
52 31.1 26.8 40.2



#4
Vinyl Chloride
Concen: 44.316 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 62 Resp: 95237
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4

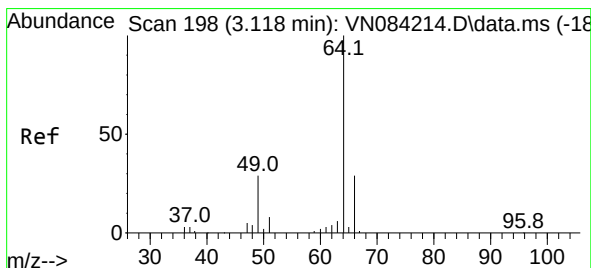
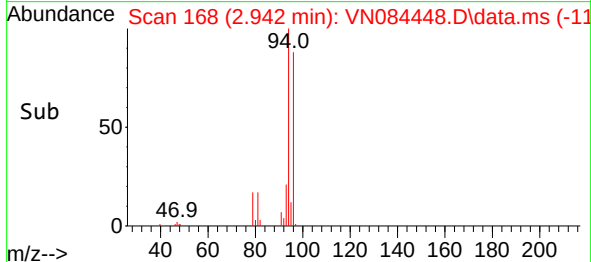
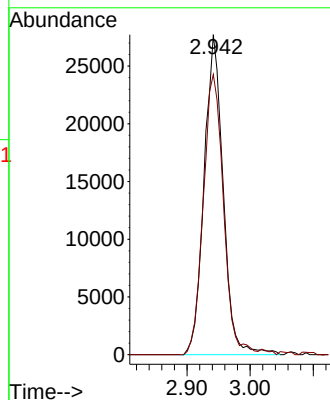
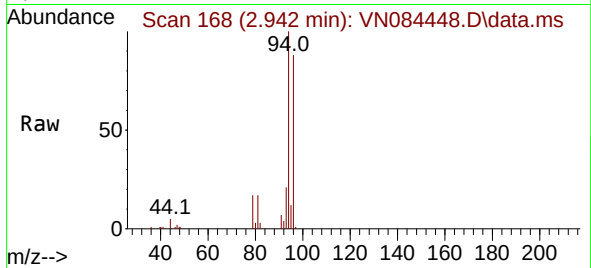




#5
Bromomethane
Concen: 41.035 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

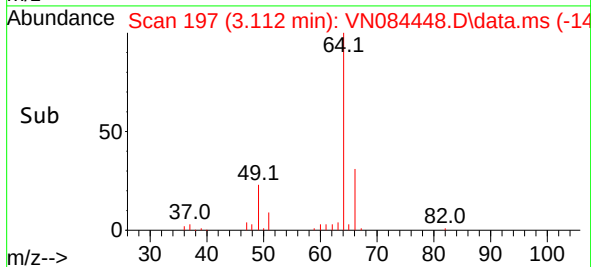
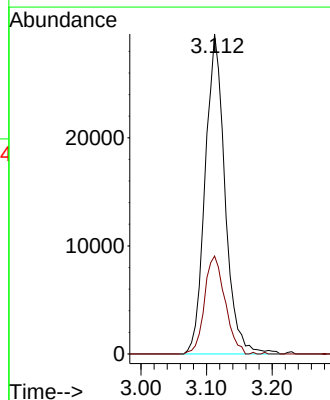
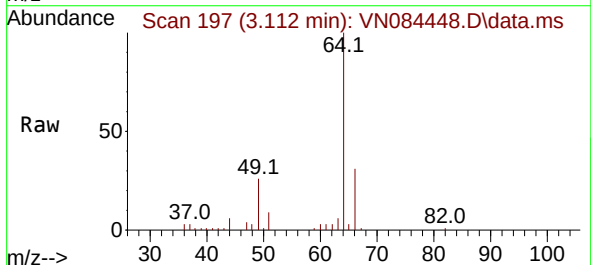
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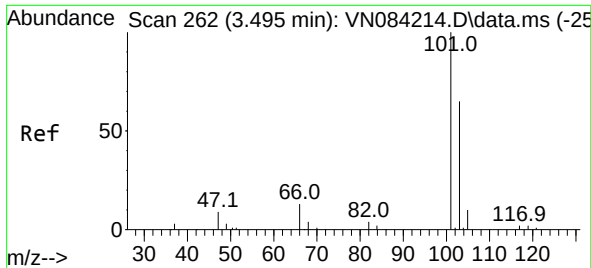
Tgt Ion: 94 Resp: 58167
Ion Ratio Lower Upper
94 100
96 87.6 72.9 109.3



#6
Chloroethane
Concen: 40.462 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 64 Resp: 62275
Ion Ratio Lower Upper
64 100
66 30.6 23.5 35.3

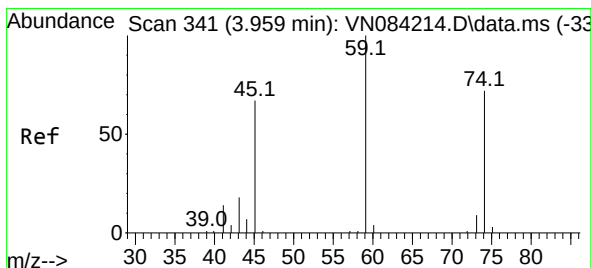
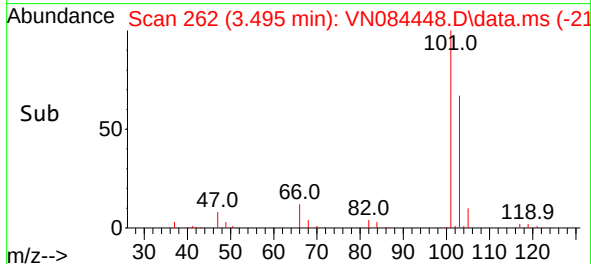
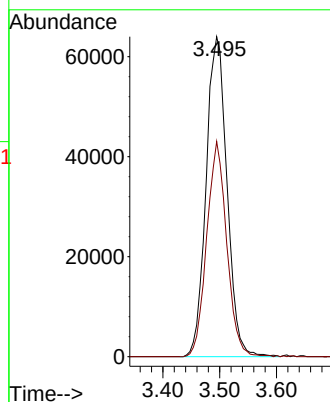
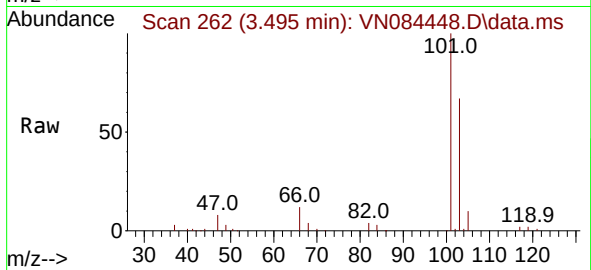




#7
Trichlorofluoromethane
Concen: 48.786 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

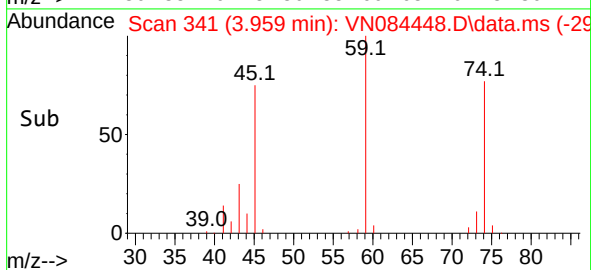
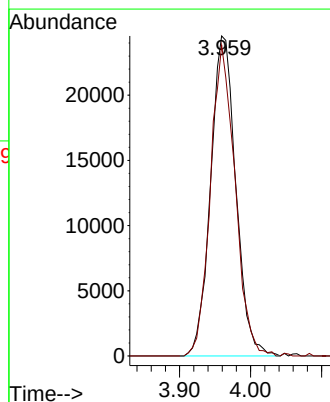
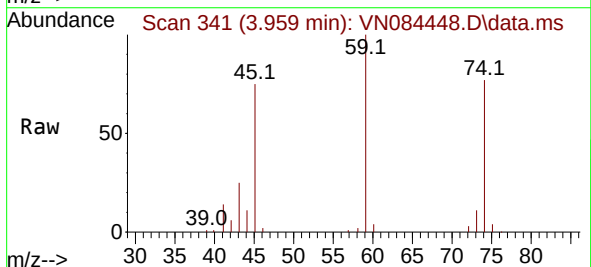
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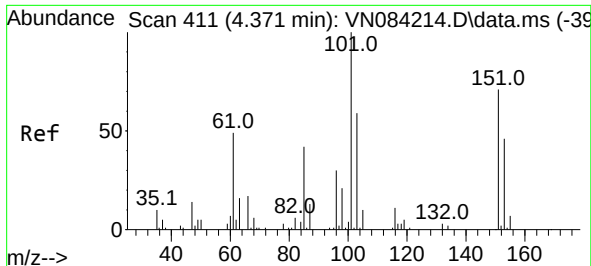
Tgt Ion:101 Resp: 163261
Ion Ratio Lower Upper
101 100
103 67.3 51.8 77.6



#8
Diethyl Ether
Concen: 48.772 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 74 Resp: 60533
Ion Ratio Lower Upper
74 100
45 94.9 47.7 143.1

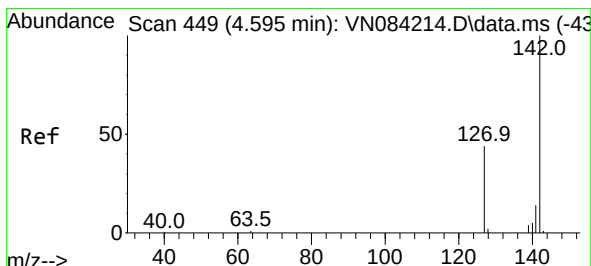
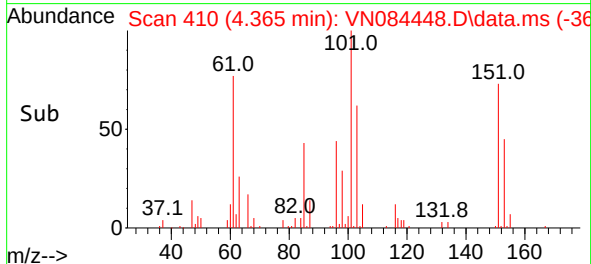
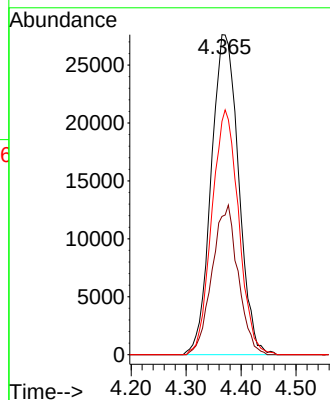
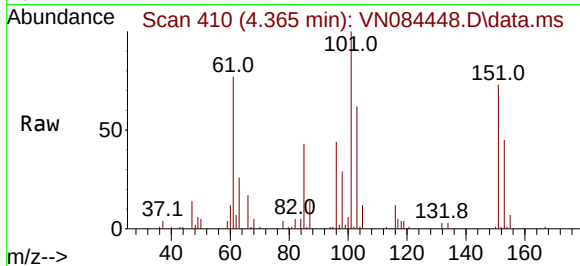




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.837 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
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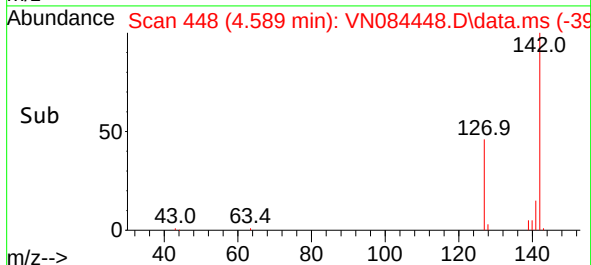
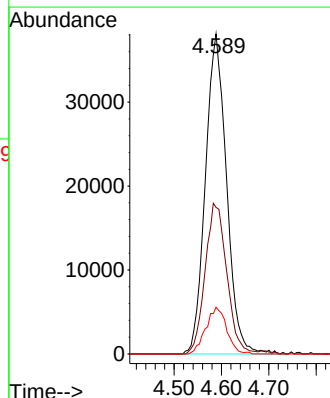
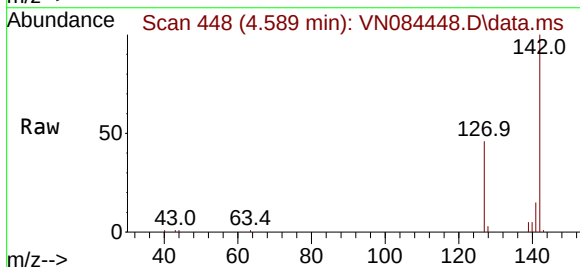
Instrument :
 MSVOA_N
 ClientSampleId :

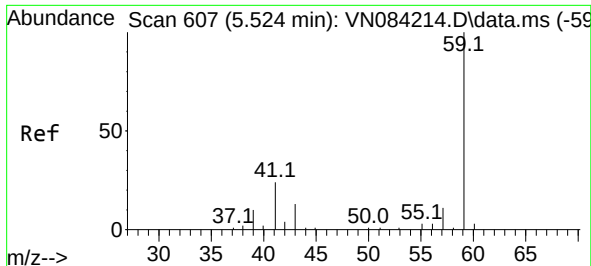
Tgt Ion:101	Resp:	95561
Ion	Ratio	Lower Upper
101	100	
85	44.4	36.2 54.4
151	74.8	59.3 88.9



#10
 Methyl Iodide
 Concen: 47.834 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. -0.006 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion:142	Resp:	118118
Ion	Ratio	Lower Upper
142	100	
127	45.8	35.3 52.9
141	14.6	11.0 16.6

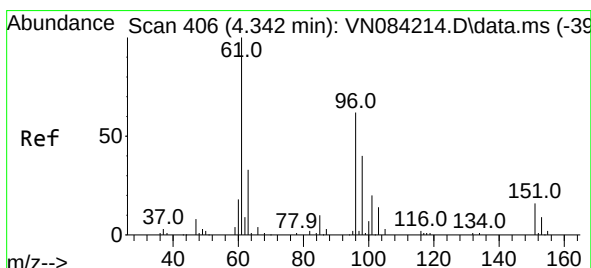
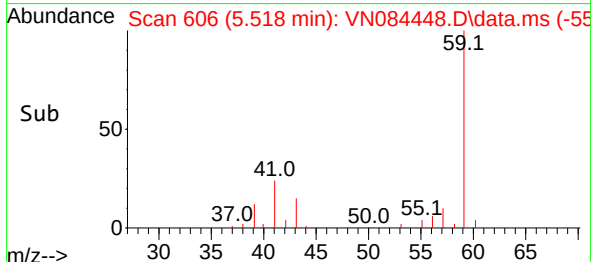
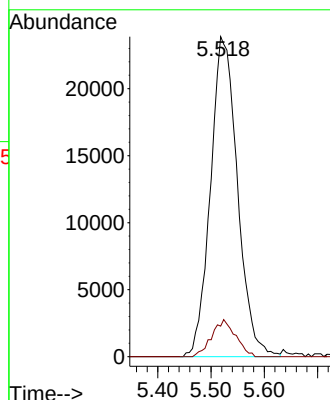
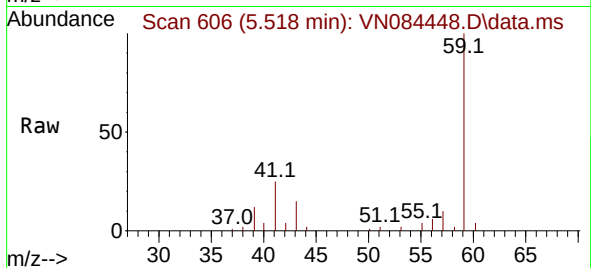




#11
Tert butyl alcohol
Concen: 209.300 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

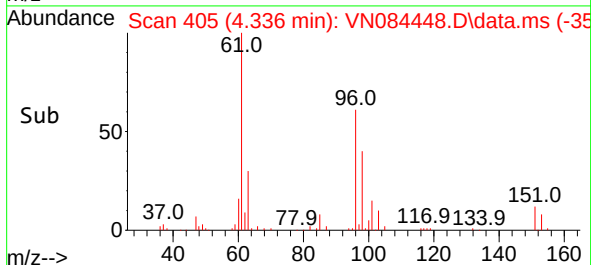
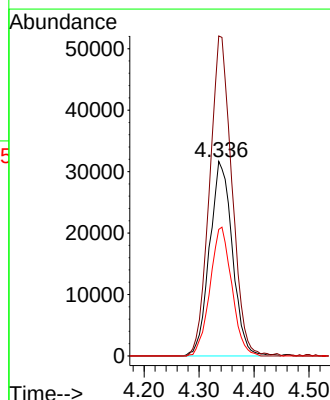
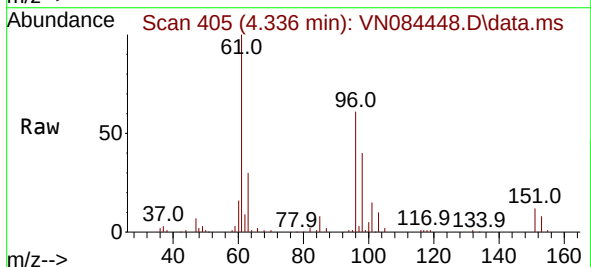
Instrument :
MSVOA_N
ClientSampleId :

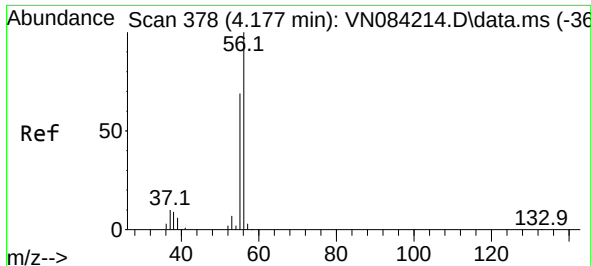
Tgt Ion: 59 Resp: 84056
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.352 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 96 Resp: 91278
Ion Ratio Lower Upper
96 100
61 164.5 128.6 192.8
98 65.0 51.7 77.5

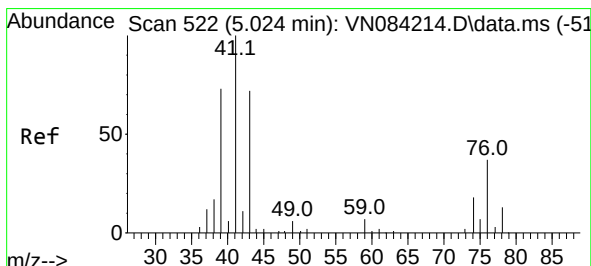
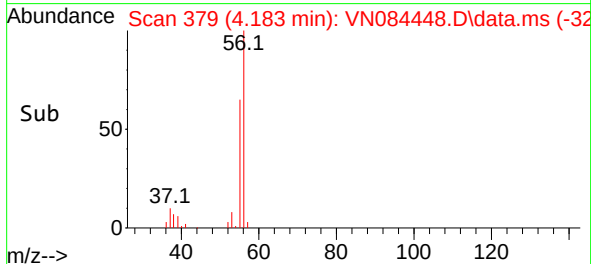
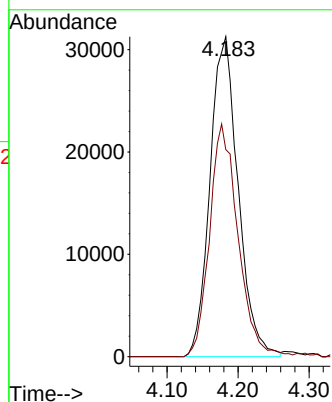
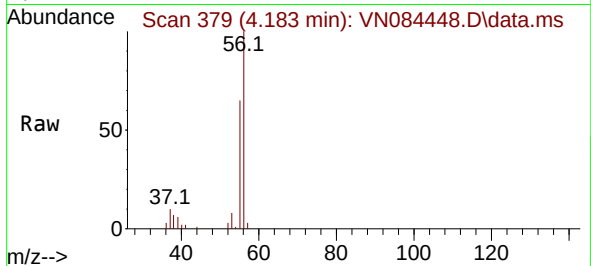




#13
Acrolein
Concen: 186.809 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

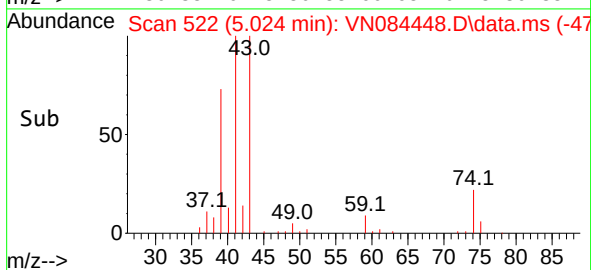
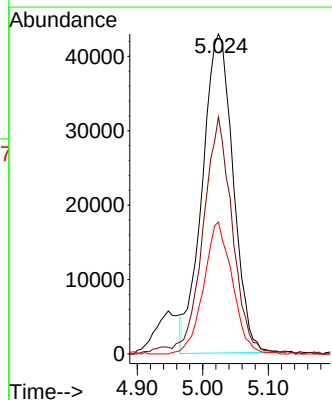
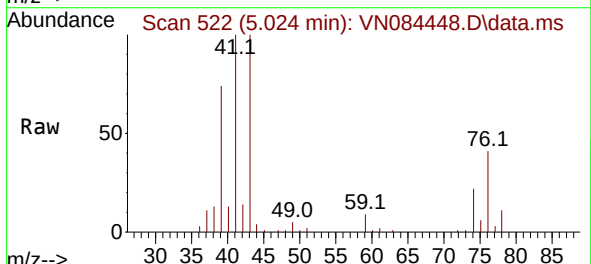
Instrument :
MSVOA_N
ClientSampleId :

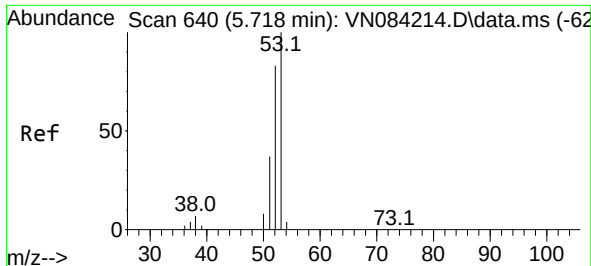
Tgt Ion: 56 Resp: 86128
Ion Ratio Lower Upper
56 100
55 73.1 57.2 85.8



#14
Allyl chloride
Concen: 43.772 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

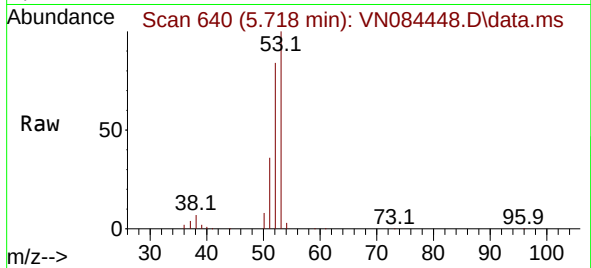
Tgt Ion: 41 Resp: 140602
Ion Ratio Lower Upper
41 100
39 71.5 59.0 88.6
76 38.3 29.8 44.6



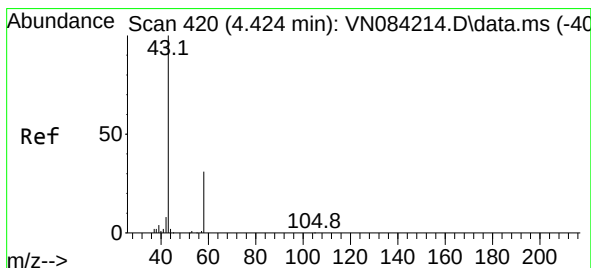
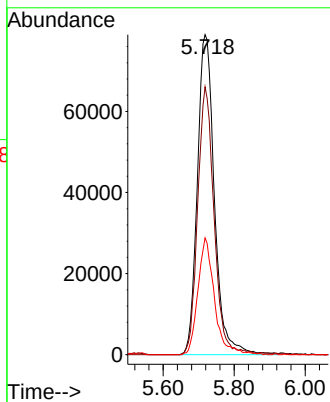
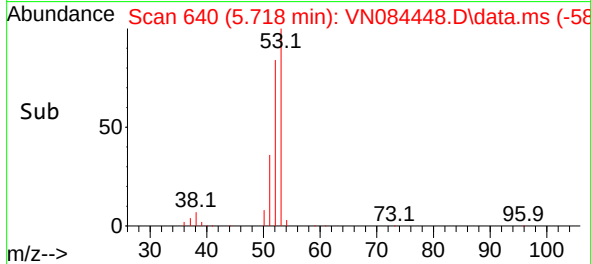


#15
Acrylonitrile
Concen: 261.006 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

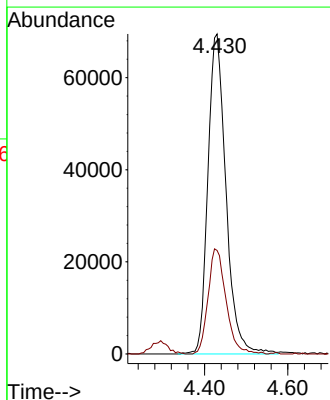
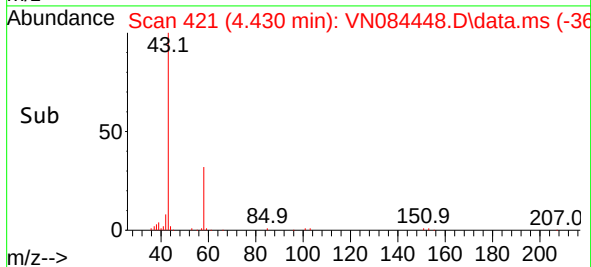
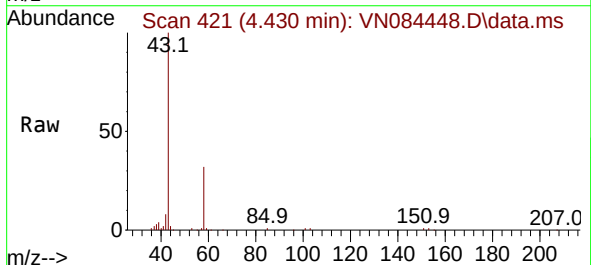


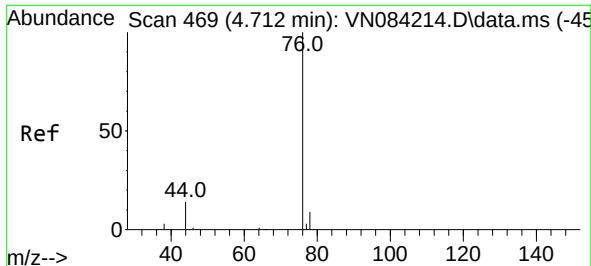
Tgt Ion: 53 Resp: 264703
Ion Ratio Lower Upper
53 100
52 80.3 66.2 99.4
51 35.5 28.8 43.2



#16
Acetone
Concen: 200.235 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

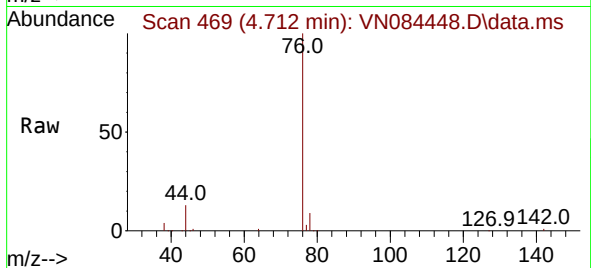
Tgt Ion: 43 Resp: 209499
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6



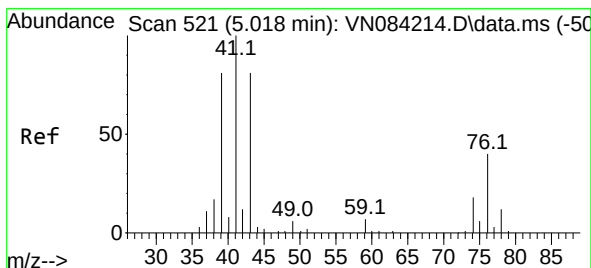
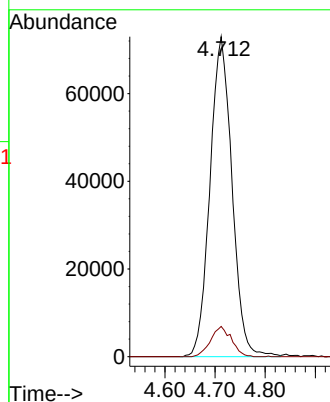
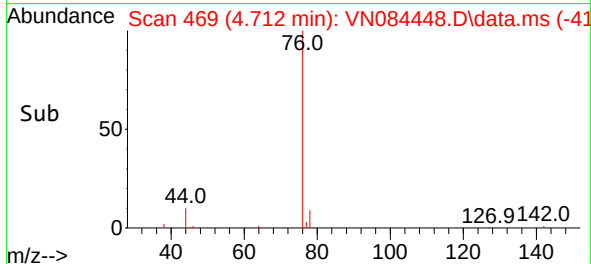


#17
Carbon Disulfide
Concen: 37.994 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

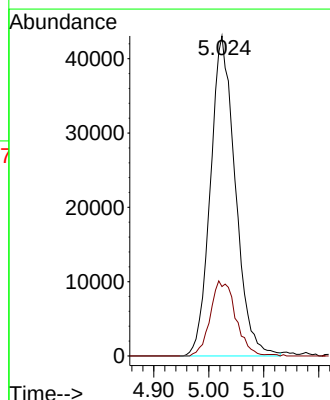
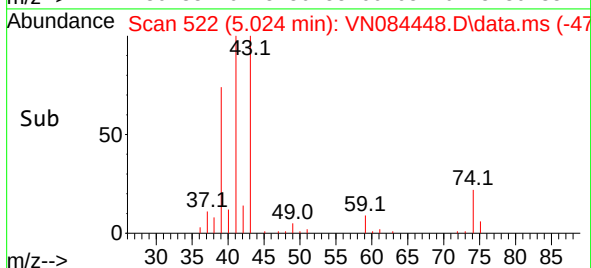
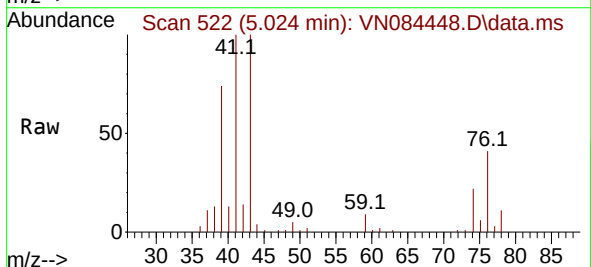


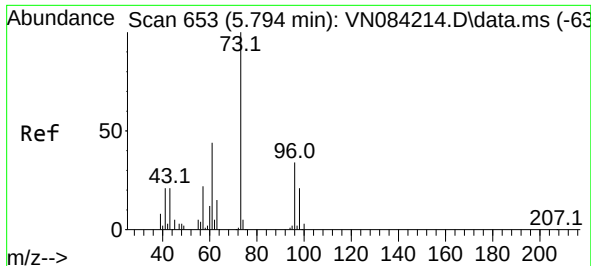
Tgt Ion: 76 Resp: 222486
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 59.505 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 43 Resp: 135697
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

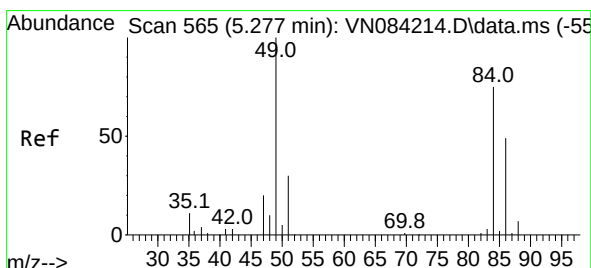
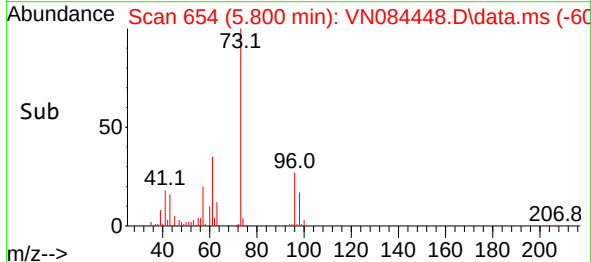
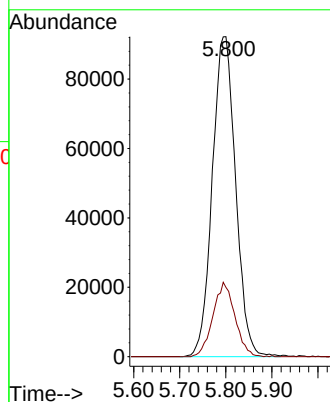
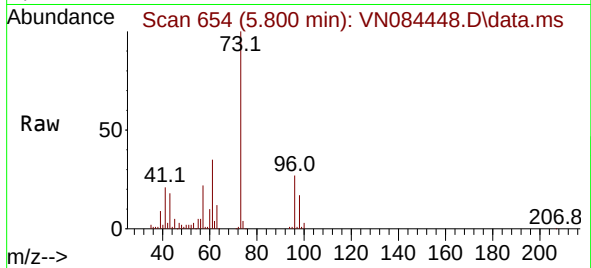




#19
Methyl tert-butyl Ether
Concen: 51.897 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

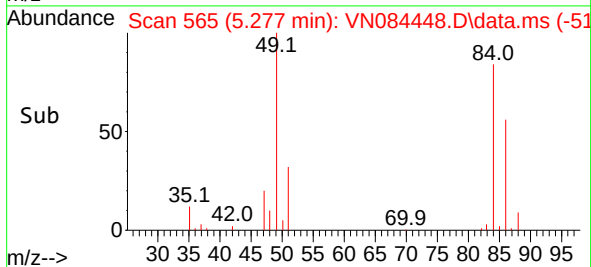
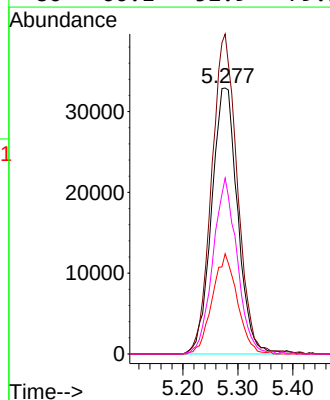
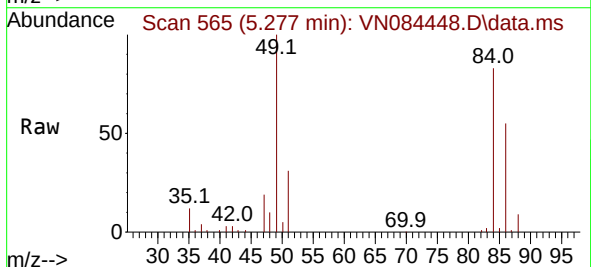
Instrument :
MSVOA_N
ClientSampleId :

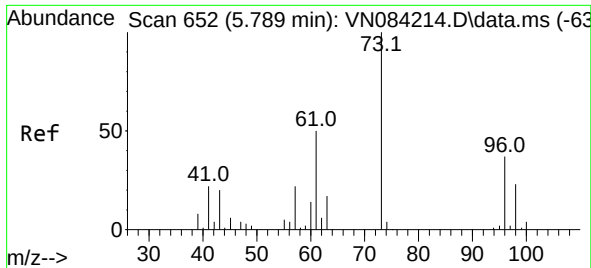
Tgt Ion: 73 Resp: 323965
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 50.844 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 84 Resp: 108136
Ion Ratio Lower Upper
84 100
49 120.3 107.2 160.8
51 37.7 31.8 47.8
86 66.1 52.9 79.3

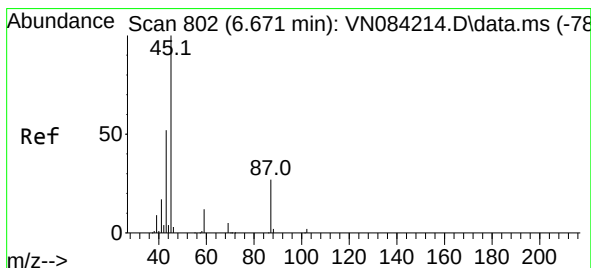
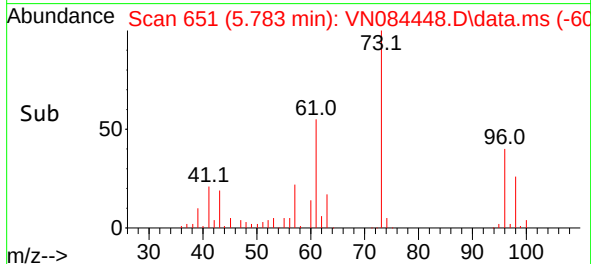
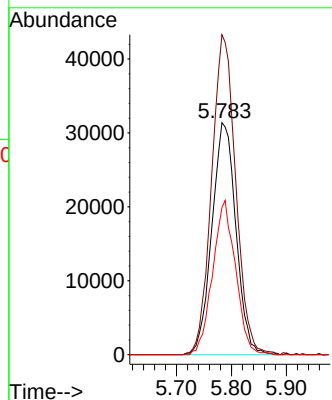
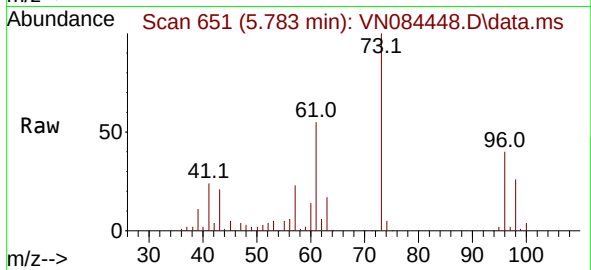




#21
trans-1,2-Dichloroethene
Concen: 49.315 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

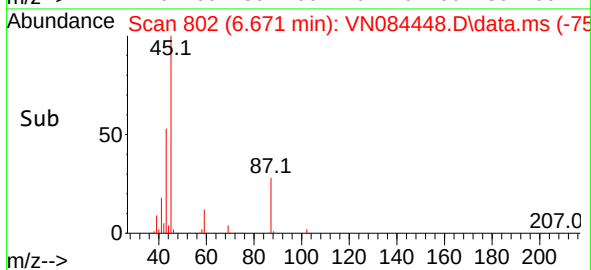
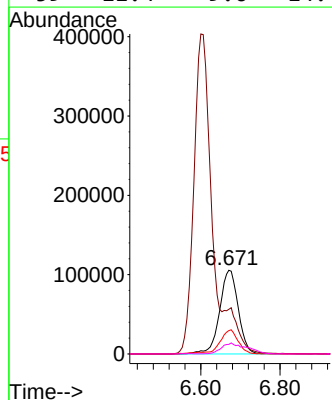
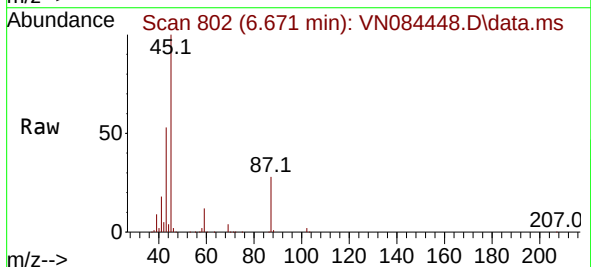
Instrument :
MSVOA_N
ClientSampleId :

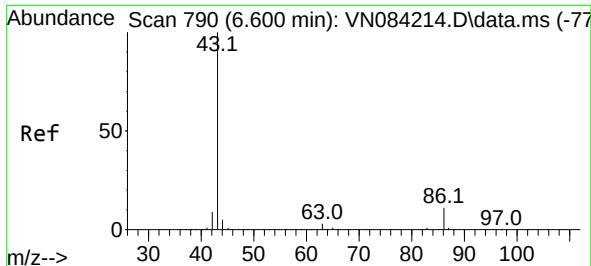
Tgt Ion: 96 Resp: 95558
Ion Ratio Lower Upper
96 100
61 138.0 108.4 162.6
98 63.5 49.8 74.8



#22
Diisopropyl ether
Concen: 51.879 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 45 Resp: 344689
Ion Ratio Lower Upper
45 100
43 52.9 42.3 63.5
87 28.0 21.8 32.6
59 11.4 9.6 14.4

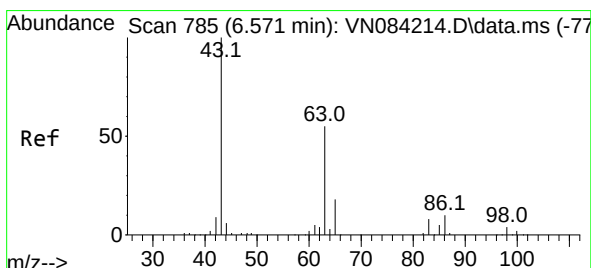
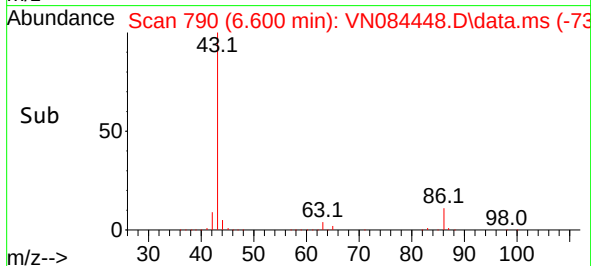
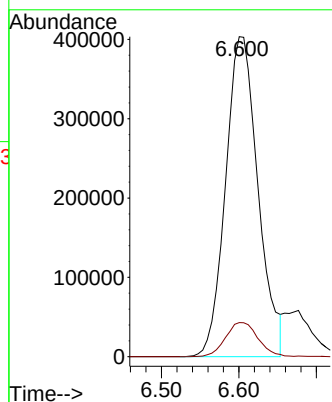
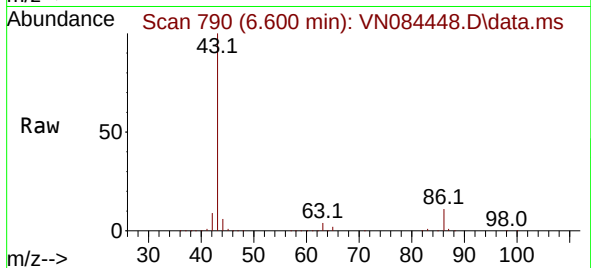




#23
 Vinyl Acetate
 Concen: 238.618 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

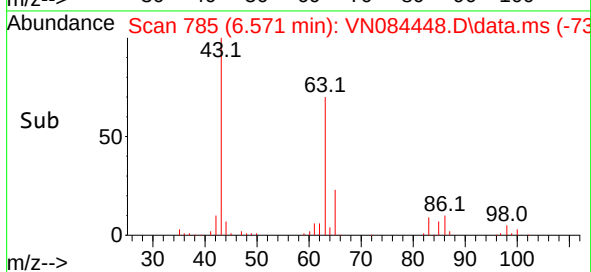
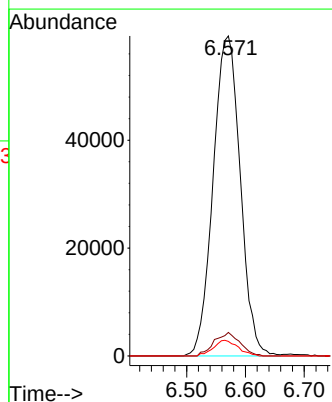
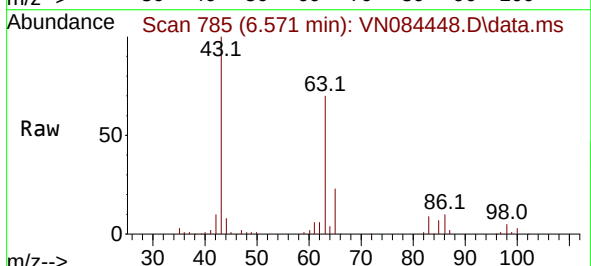
Instrument :
 MSVOA_N
 ClientSampleId :

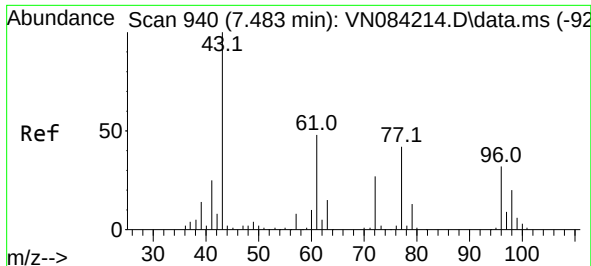
Tgt Ion: 43 Resp: 1175888
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.145 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion: 63 Resp: 190033
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 233.725 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

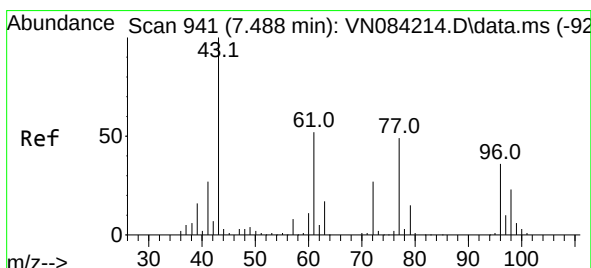
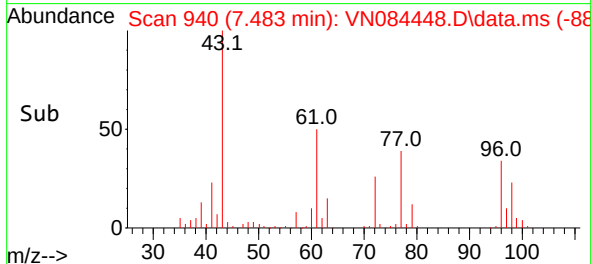
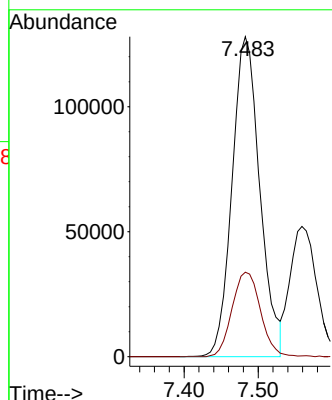
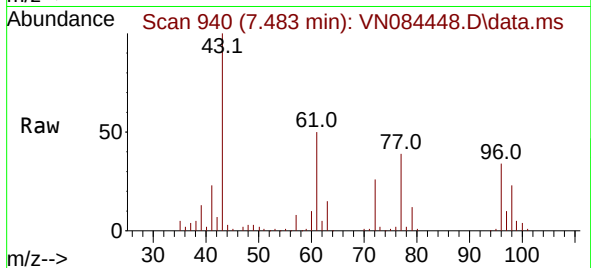
ClientSampleId :

Tgt Ion: 43 Resp: 333066

Ion Ratio Lower Upper

43 100

72 26.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 44.706 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN084448.D

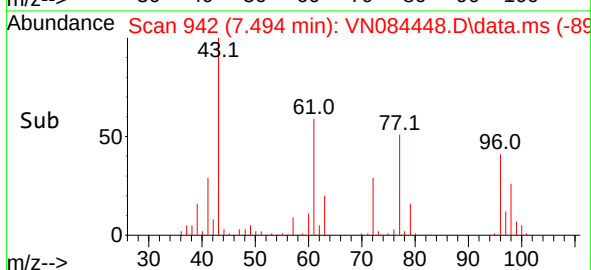
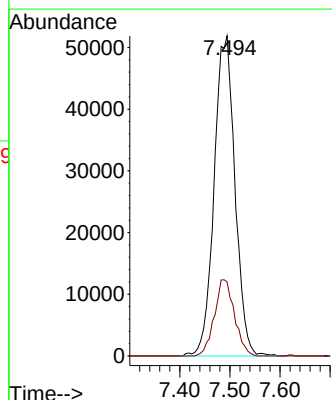
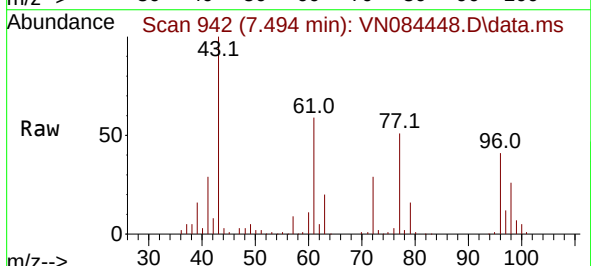
Acq: 21 Oct 2024 20:04

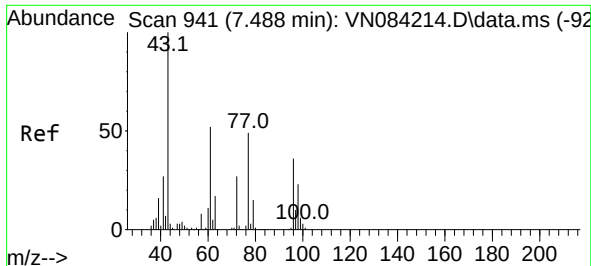
Tgt Ion: 77 Resp: 149770

Ion Ratio Lower Upper

77 100

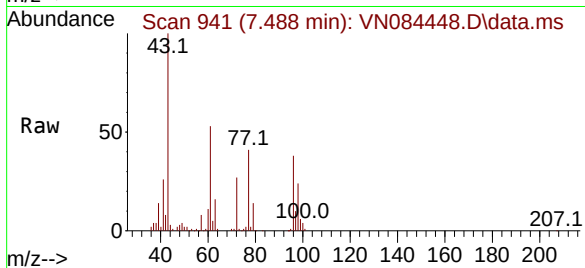
97 23.0 10.8 32.3



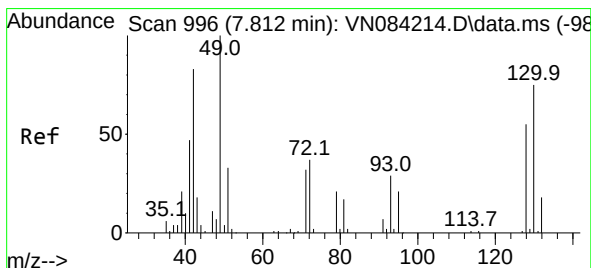
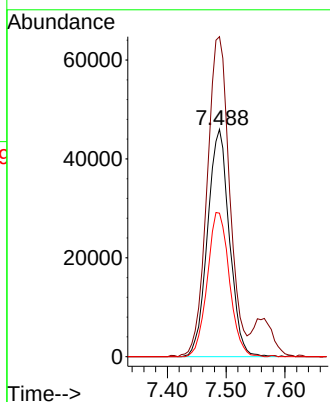
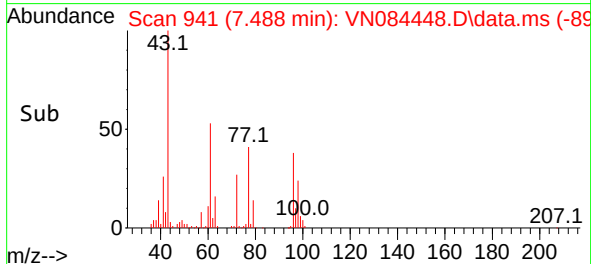


#27
 cis-1,2-Dichloroethene
 Concen: 50.655 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Instrument :
 MSVOA_N
 ClientSampleId :

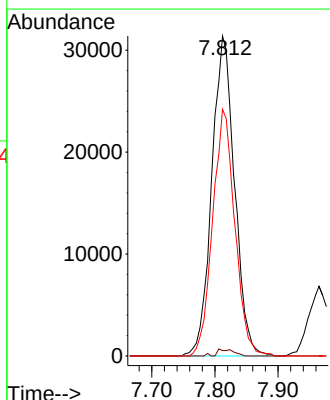
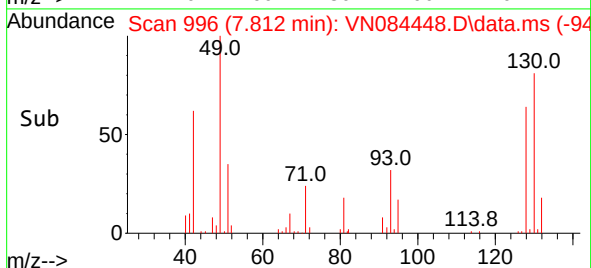
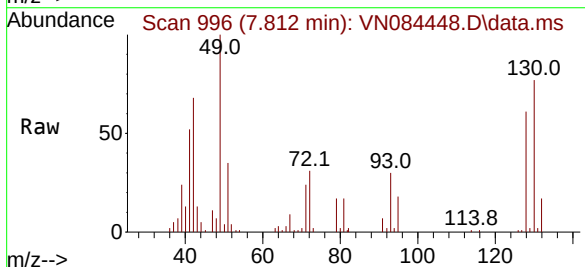


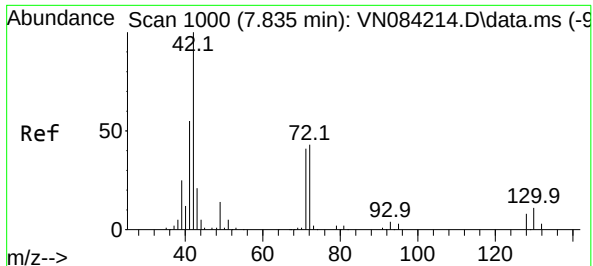
Tgt Ion: 96 Resp: 118609
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 301.8
 98 64.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 47.474 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion: 49 Resp: 78703
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 75.1 58.0 87.0





#29

Tetrahydrofuran

Concen: 251.461 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

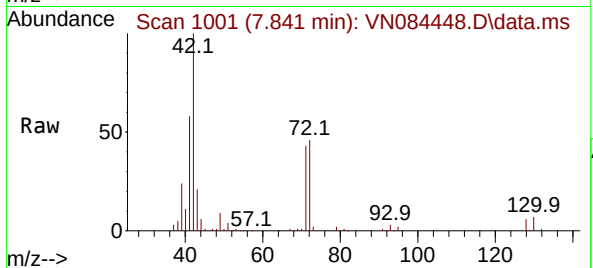
Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :



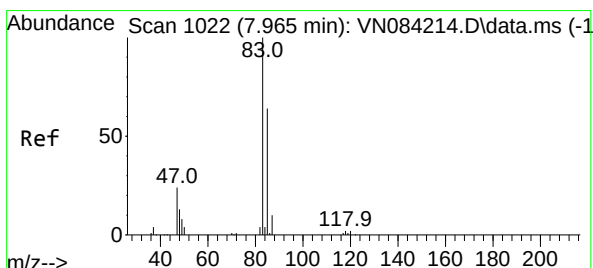
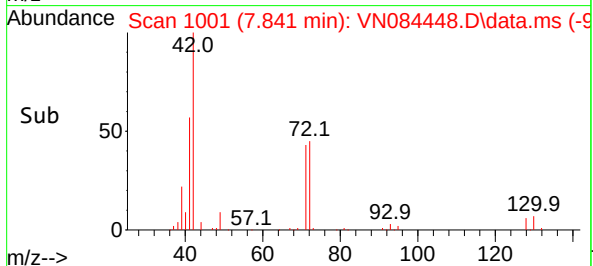
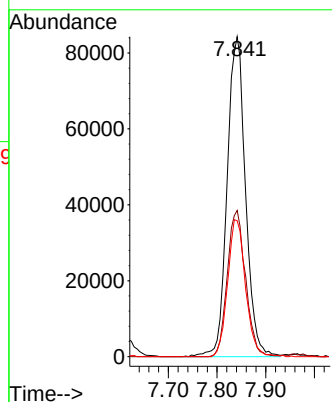
Tgt Ion: 42 Resp: 221138

Ion Ratio Lower Upper

42 100

72 45.3 34.6 51.8

71 41.7 32.2 48.4



#30

Chloroform

Concen: 52.167 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084448.D

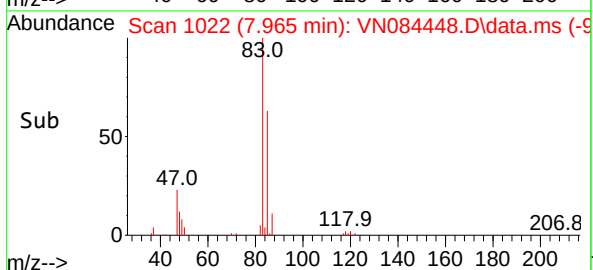
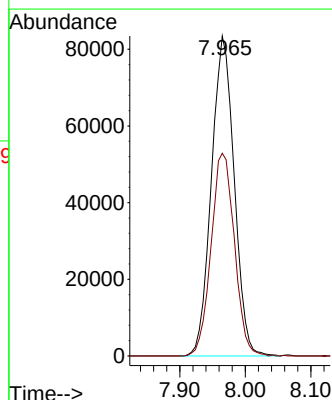
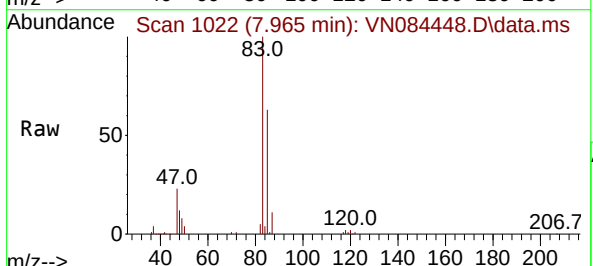
Acq: 21 Oct 2024 20:04

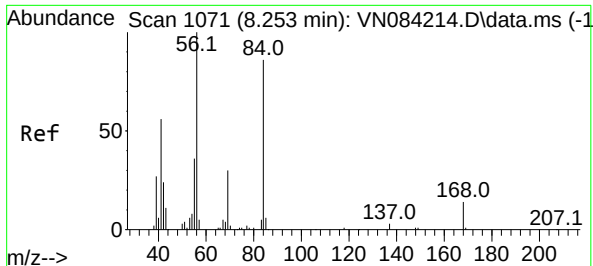
Tgt Ion: 83 Resp: 201338

Ion Ratio Lower Upper

83 100

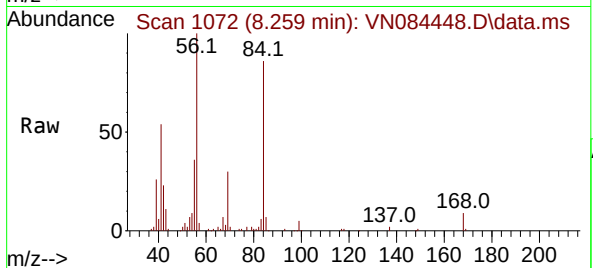
85 63.4 51.0 76.4



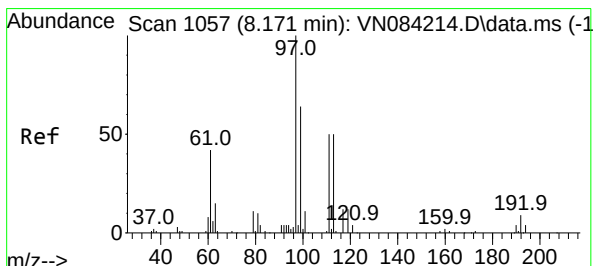
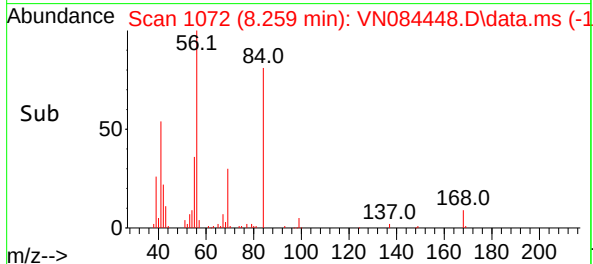
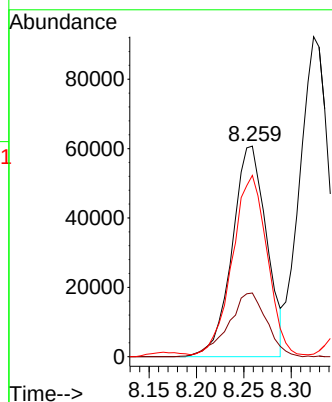


#31
Cyclohexane
Concen: 42.521 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

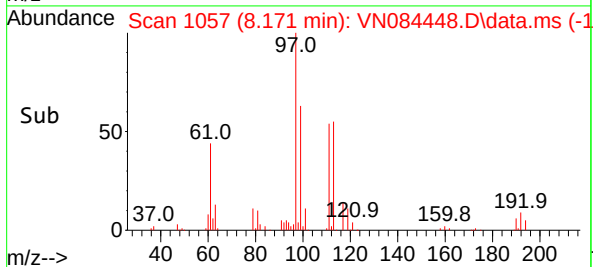
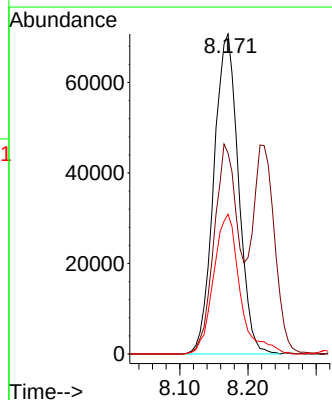
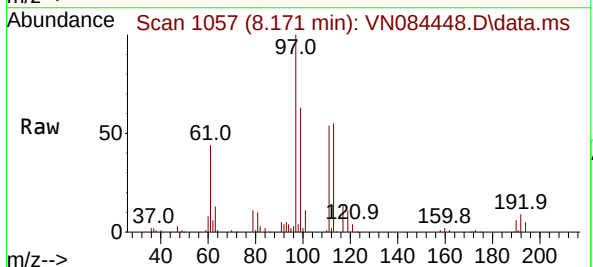


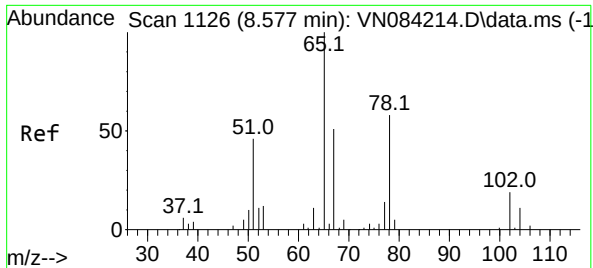
Tgt Ion: 56 Resp: 153399
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.6
84 84.5 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 51.300 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 97 Resp: 177818
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 46.9 37.5 56.3

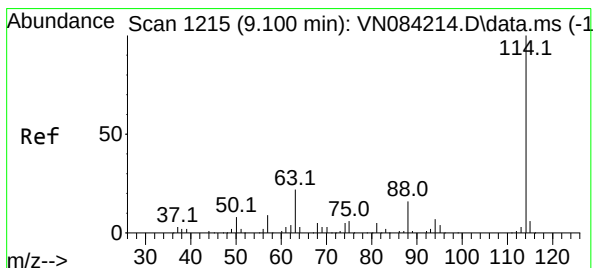
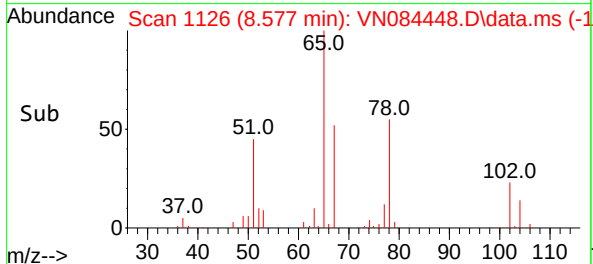
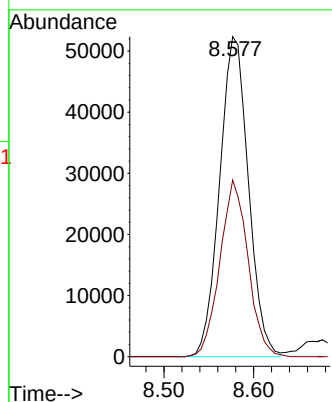
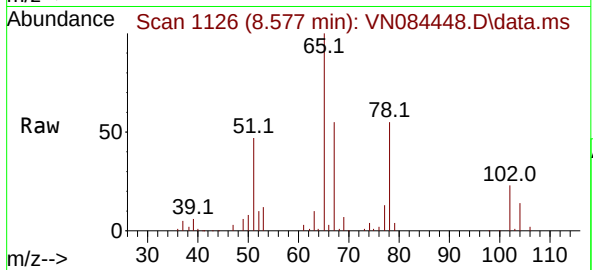




#33
 1,2-Dichloroethane-d4
 Concen: 47.911 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

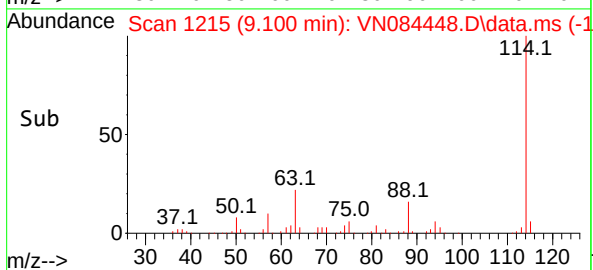
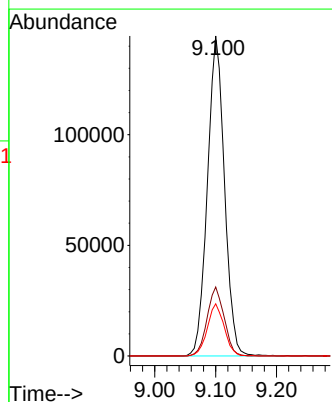
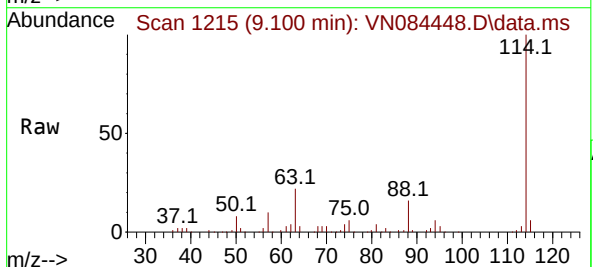
Instrument :
 MSVOA_N
 ClientSampleId :

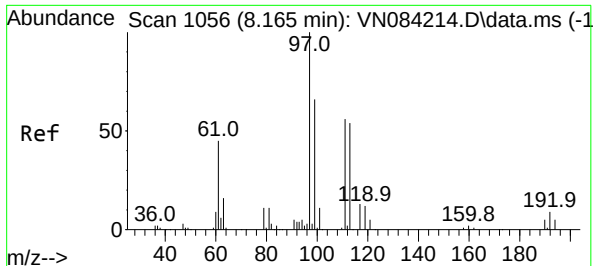
Tgt Ion: 65 Resp: 116690
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion: 114 Resp: 281823
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.8
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.045 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

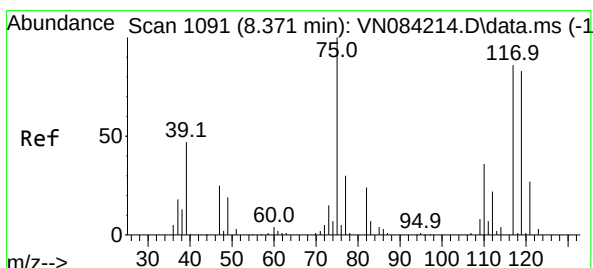
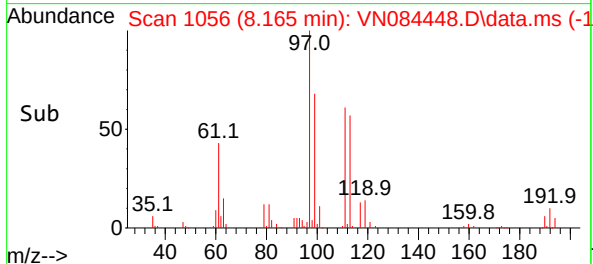
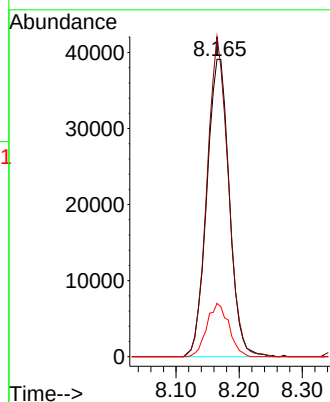
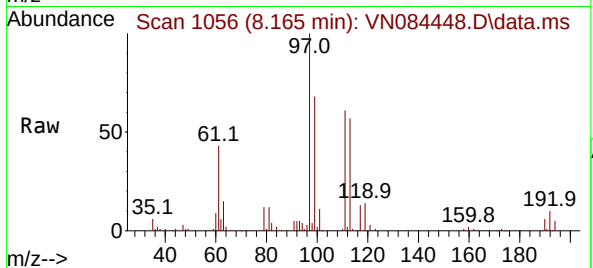
Tgt Ion:113 Resp: 96698

Ion Ratio Lower Upper

113 100

111 102.0 83.3 124.9

192 17.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 49.312 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

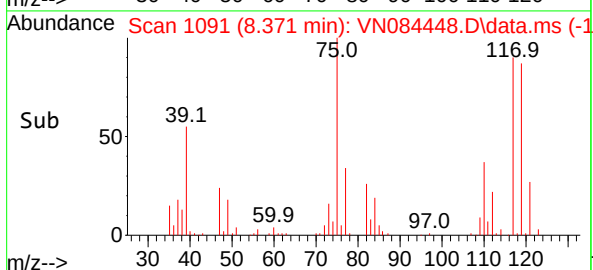
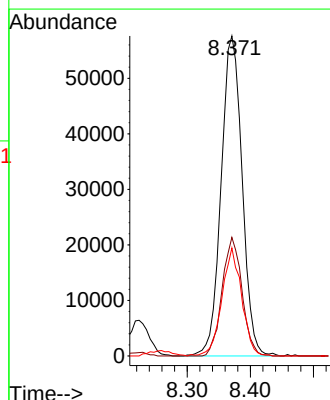
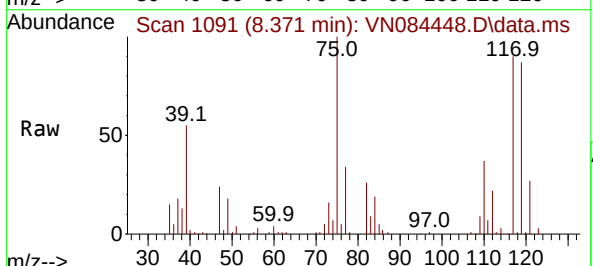
Tgt Ion: 75 Resp: 133081

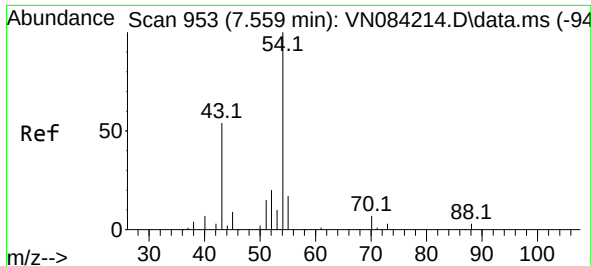
Ion Ratio Lower Upper

75 100

110 35.1 16.9 50.7

77 31.9 24.7 37.1

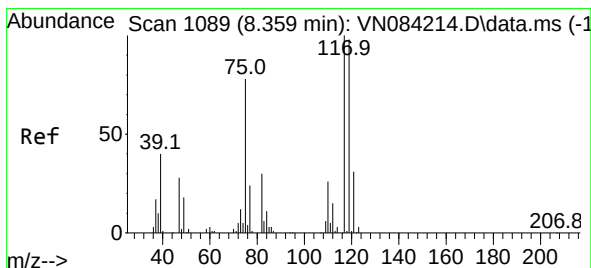
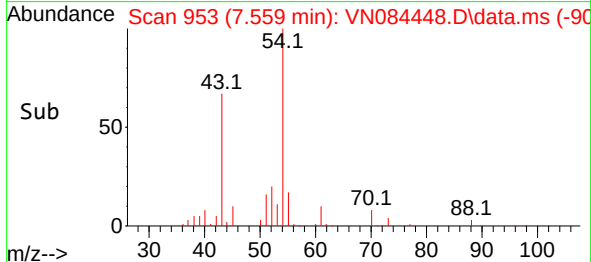
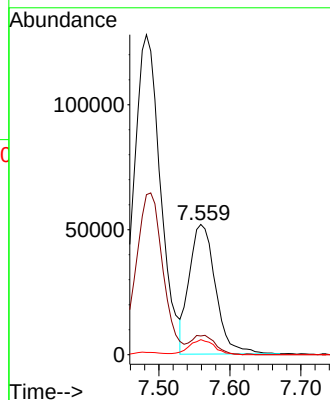
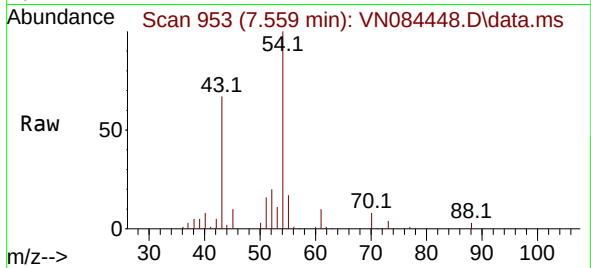




#37
Ethyl Acetate
Concen: 48.082 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

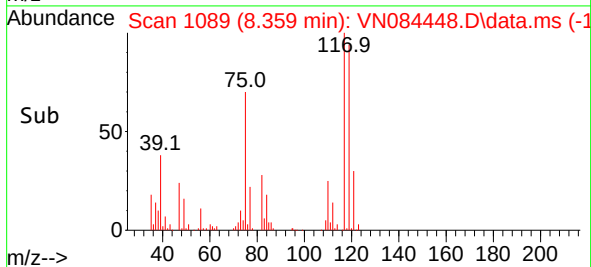
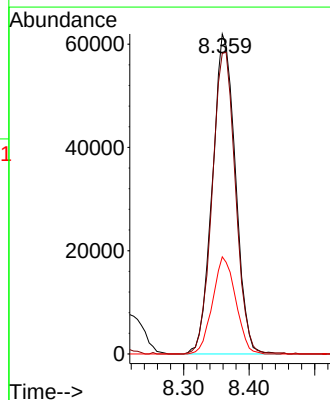
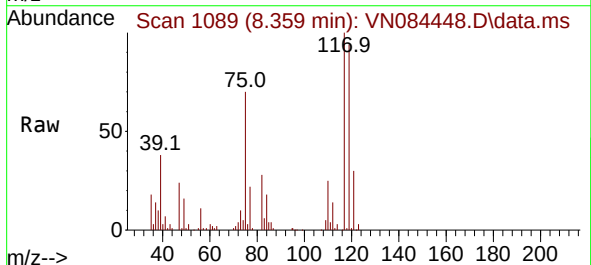
Instrument :
MSVOA_N
ClientSampleId :

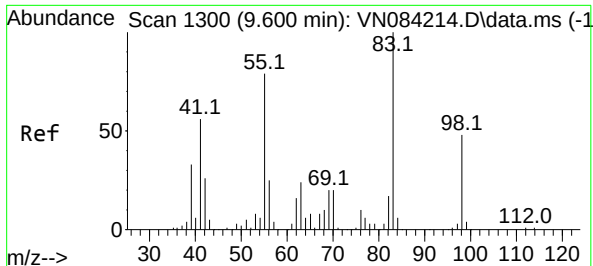
Tgt Ion: 43 Resp: 133124
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.818 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 117 Resp: 150440
Ion Ratio Lower Upper
117 100
119 94.0 78.7 118.1
121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 46.254 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

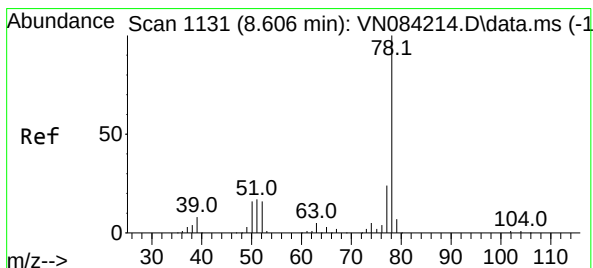
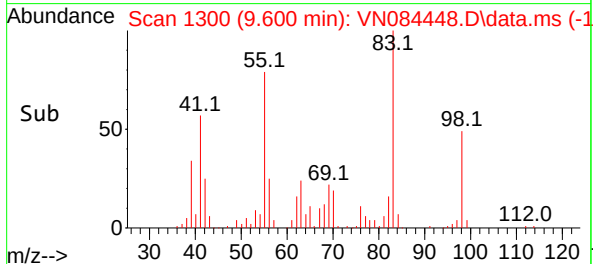
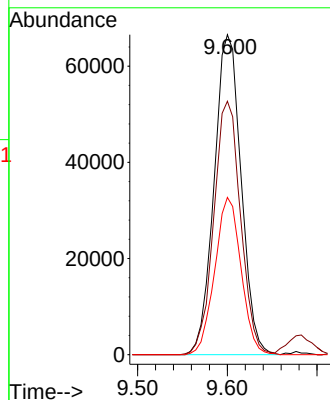
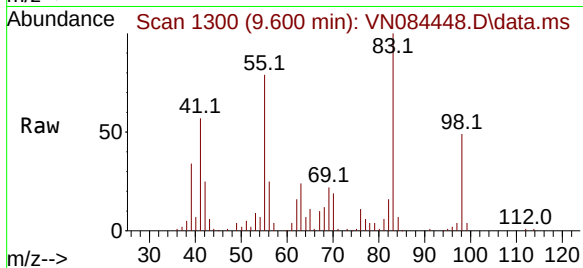
Tgt Ion: 83 Resp: 138930

Ion Ratio Lower Upper

83 100

55 79.2 62.8 94.2

98 49.1 38.8 58.2



#40

Benzene

Concen: 50.941 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN084448.D

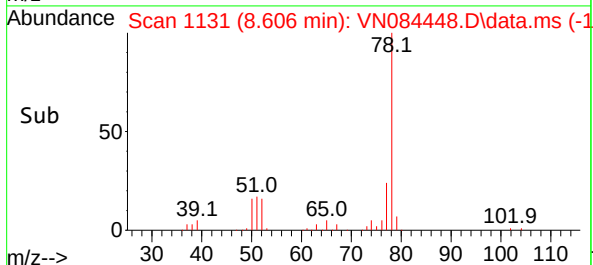
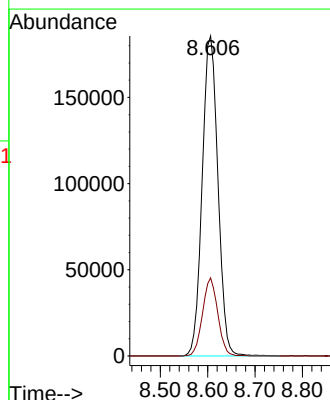
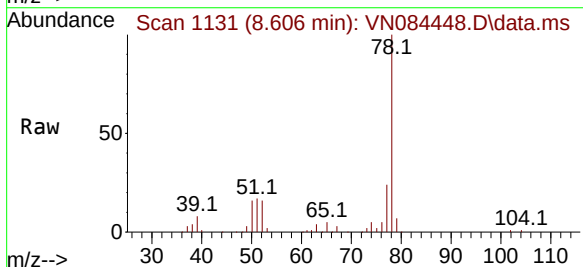
Acq: 21 Oct 2024 20:04

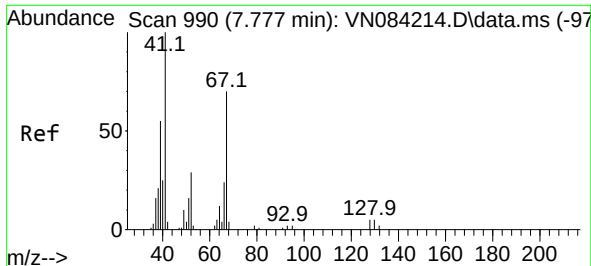
Tgt Ion: 78 Resp: 428332

Ion Ratio Lower Upper

78 100

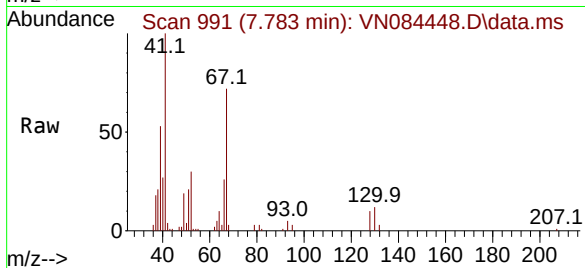
77 24.4 19.1 28.7



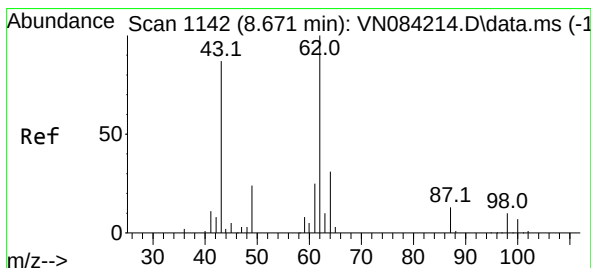
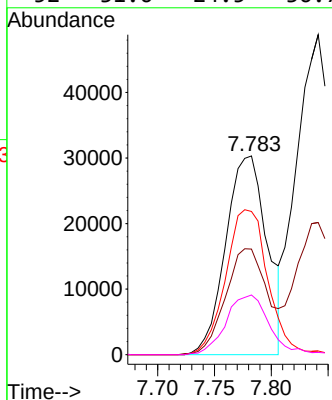
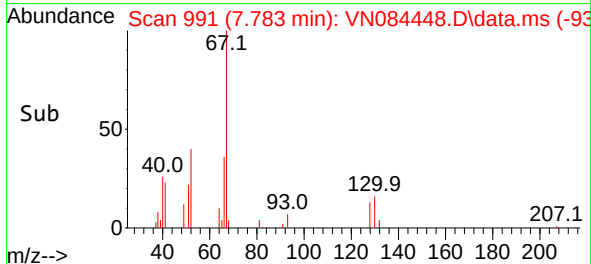


#41
Methacrylonitrile
Concen: 51.187 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

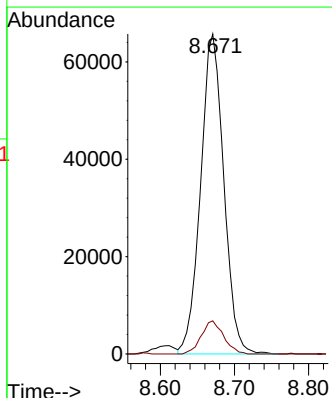
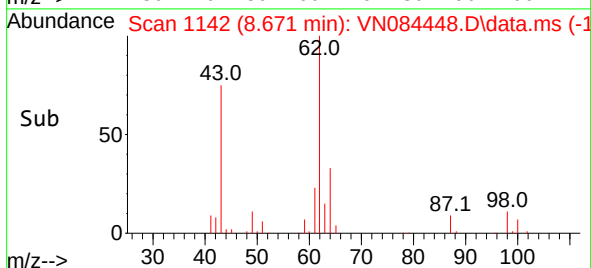
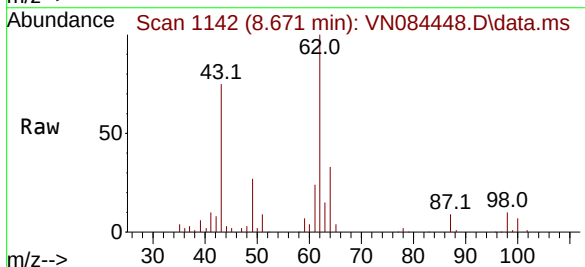


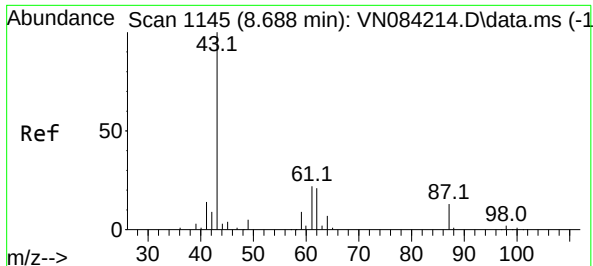
Tgt Ion:	41	Resp:	76939
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.3	64.9
67	74.5	56.1	84.1
52	31.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 50.160 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion:	62	Resp:	142985
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2

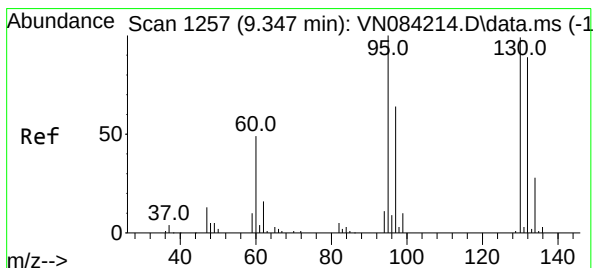
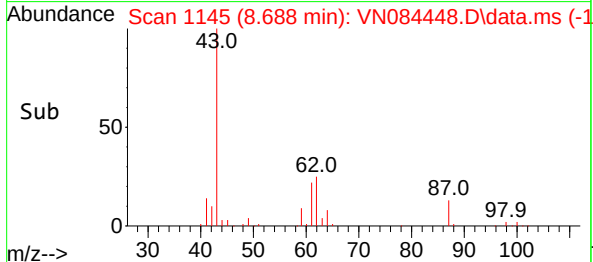
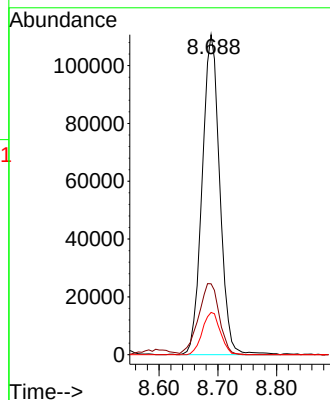
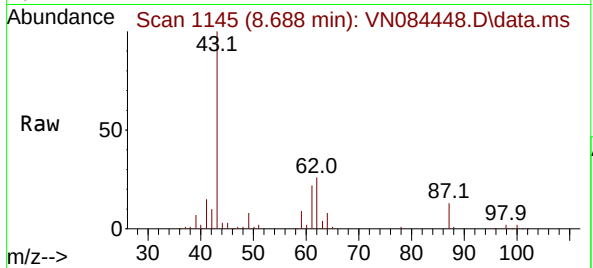




#43
Isopropyl Acetate
Concen: 42.408 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

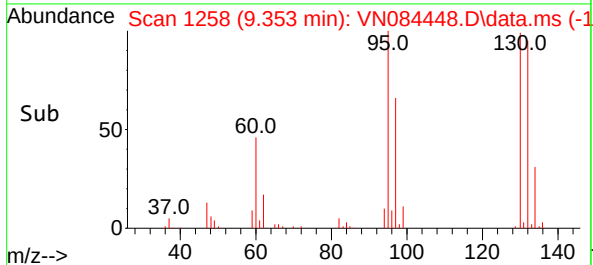
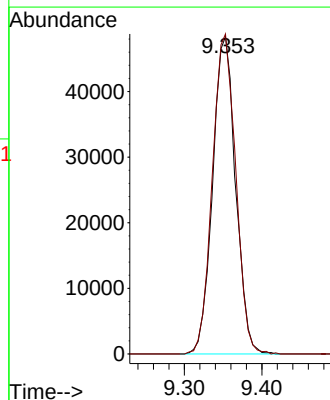
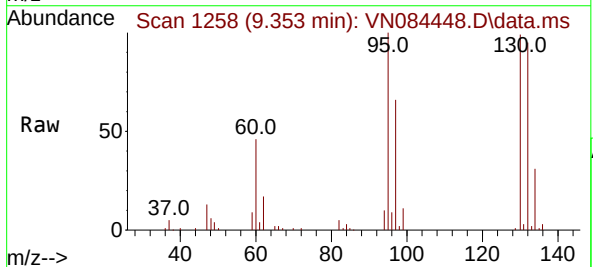
Instrument :
MSVOA_N
ClientSampleId :

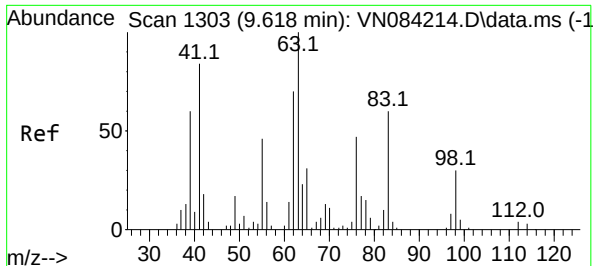
Tgt Ion: 43 Resp: 229980
Ion Ratio Lower Upper
43 100
61 26.3 20.4 30.6
87 13.5 10.3 15.5



#44
Trichloroethene
Concen: 50.592 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion:130 Resp: 99355
Ion Ratio Lower Upper
130 100
95 100.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 53.648 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

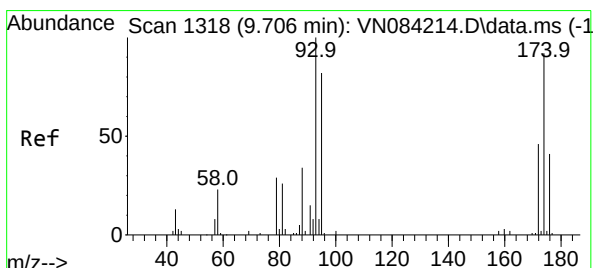
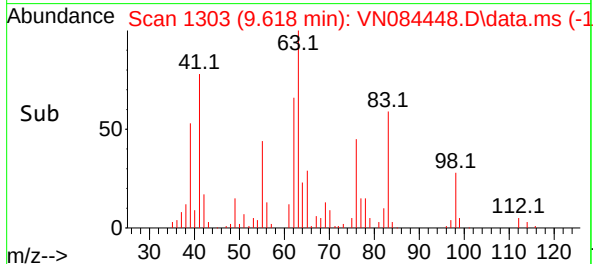
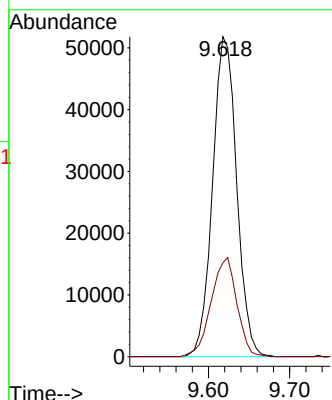
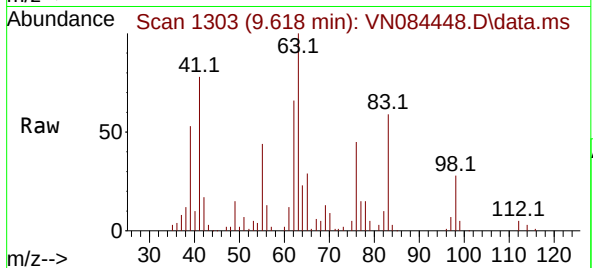
ClientSampleId :

Tgt Ion: 63 Resp: 106710

Ion Ratio Lower Upper

63 100

65 29.3 24.6 37.0



#46

Dibromomethane

Concen: 55.712 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

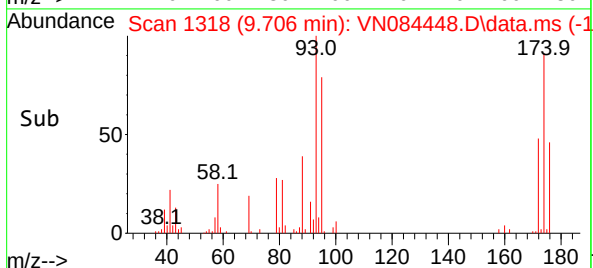
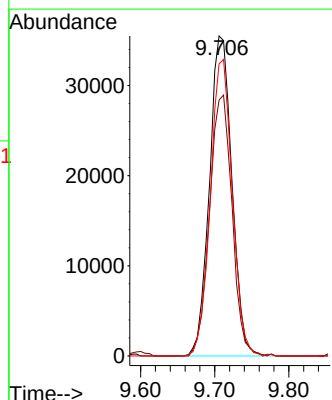
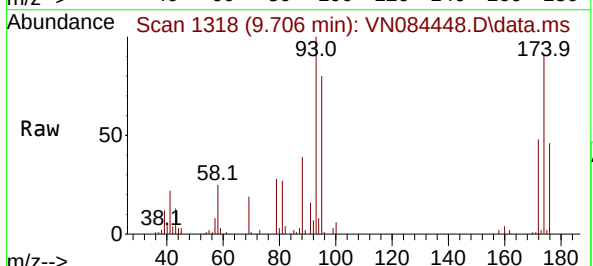
Tgt Ion: 93 Resp: 74783

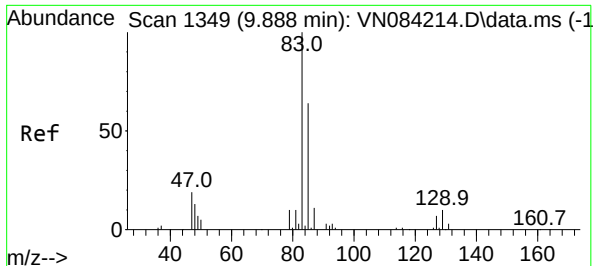
Ion Ratio Lower Upper

93 100

95 81.7 65.0 97.4

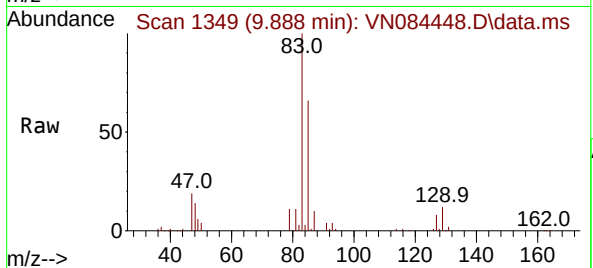
174 90.5 71.8 107.8



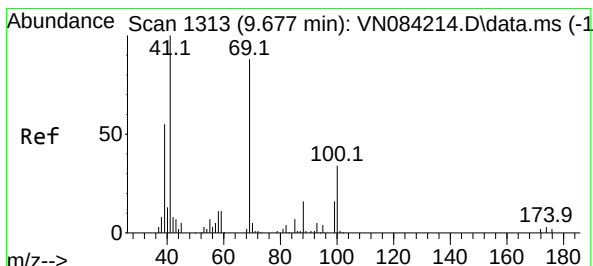
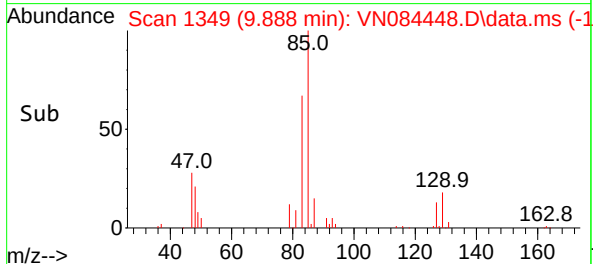
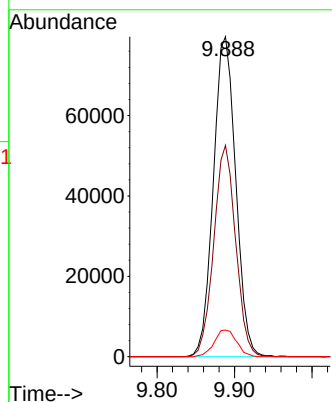


#47
Bromodichloromethane
Concen: 53.528 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

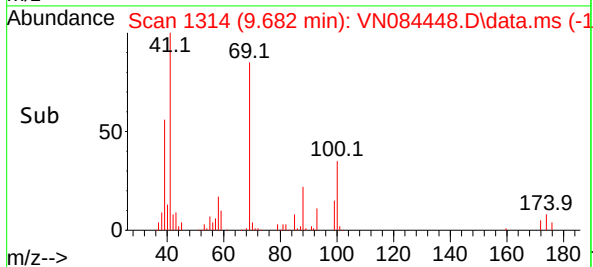
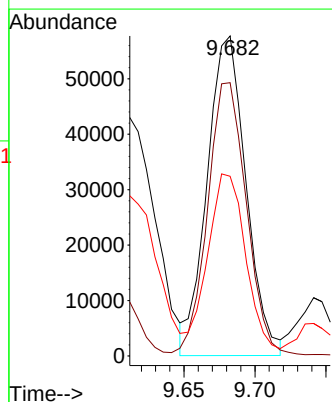
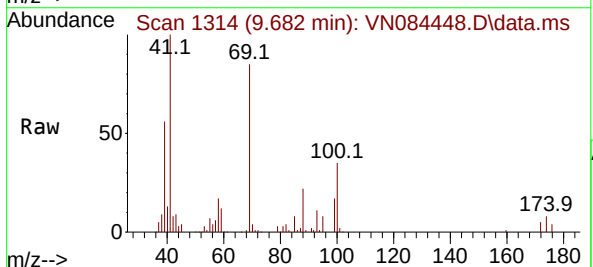


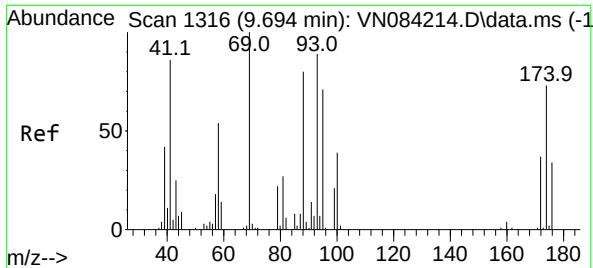
Tgt Ion: 83 Resp: 159633
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3
127 8.3 5.7 8.5



#48
Methyl methacrylate
Concen: 50.850 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

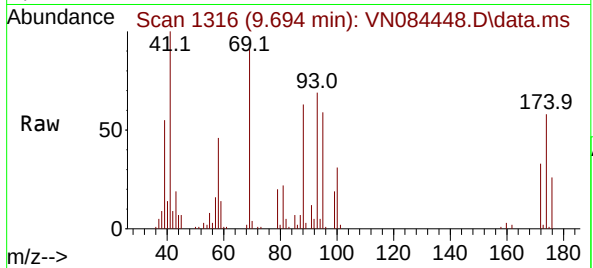
Tgt Ion: 41 Resp: 109772
Ion Ratio Lower Upper
41 100
69 86.0 67.1 100.7
39 57.3 45.8 68.6



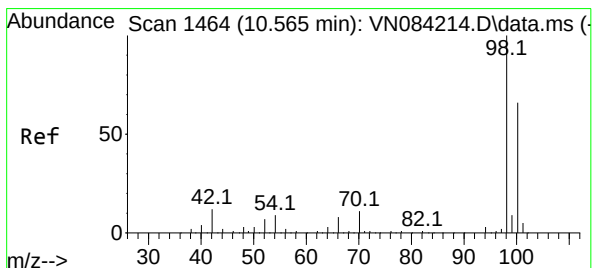
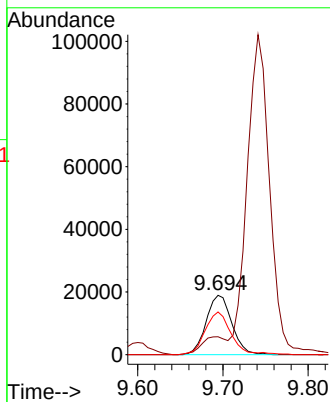
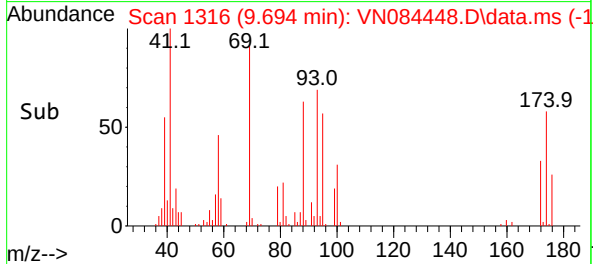


#49
1,4-Dioxane
Concen: 994.968 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

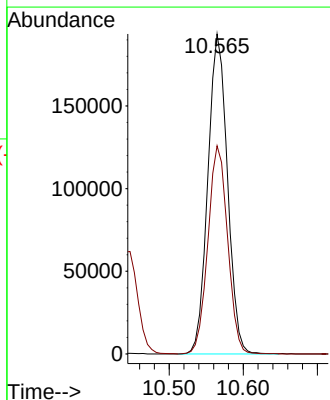
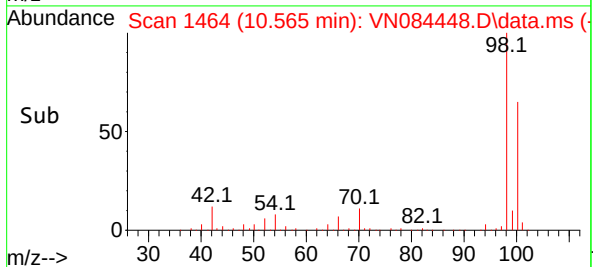
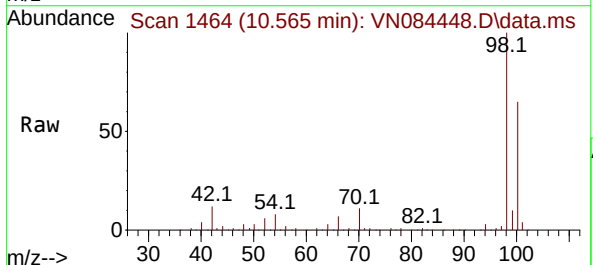


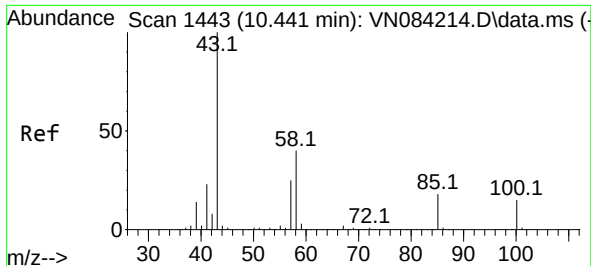
Tgt Ion: 88 Resp: 39543
Ion Ratio Lower Upper
88 100
43 30.1 25.3 37.9
58 73.5 56.4 84.6



#50
Toluene-d8
Concen: 51.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 98 Resp: 354860
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 268.874 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

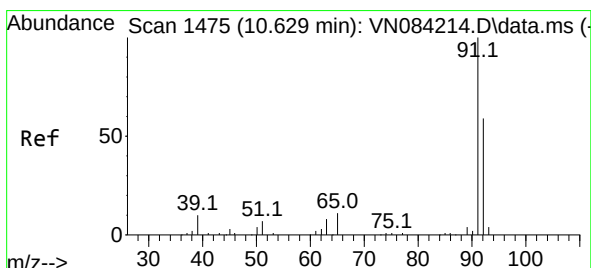
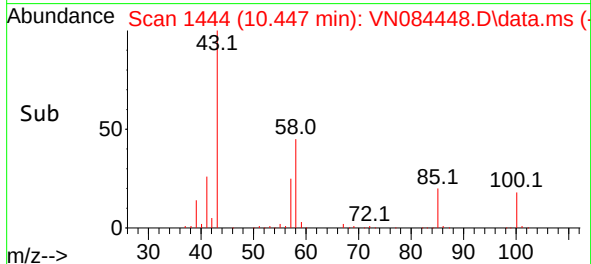
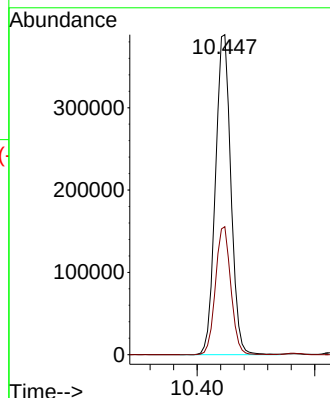
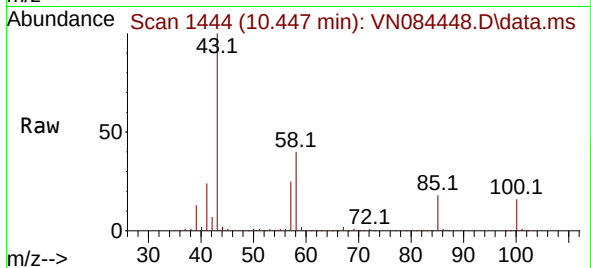
ClientSampleId :

Tgt Ion: 43 Resp: 708662

Ion Ratio Lower Upper

43 100

58 39.7 31.6 47.4



#52

Toluene

Concen: 52.382 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084448.D

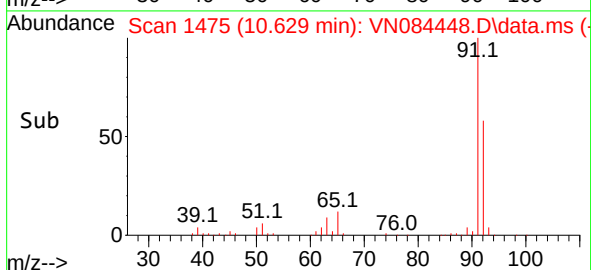
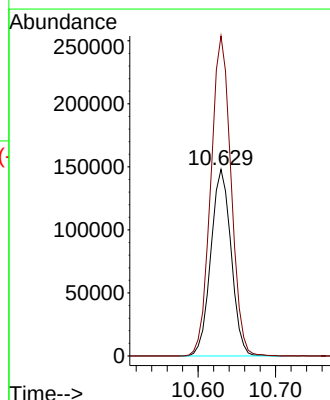
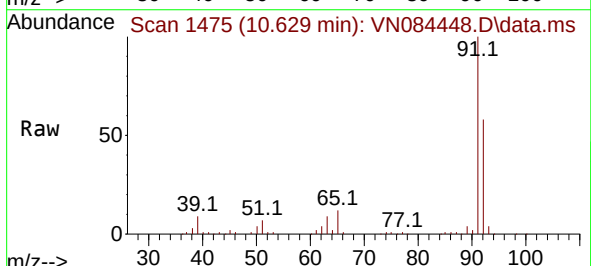
Acq: 21 Oct 2024 20:04

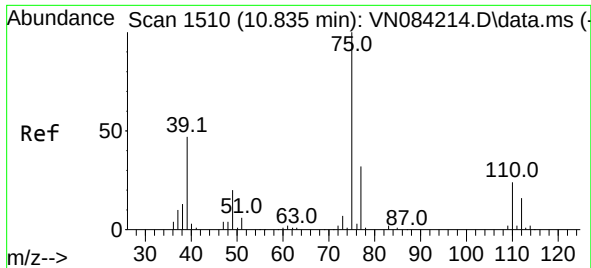
Tgt Ion: 92 Resp: 268587

Ion Ratio Lower Upper

92 100

91 171.7 137.3 205.9

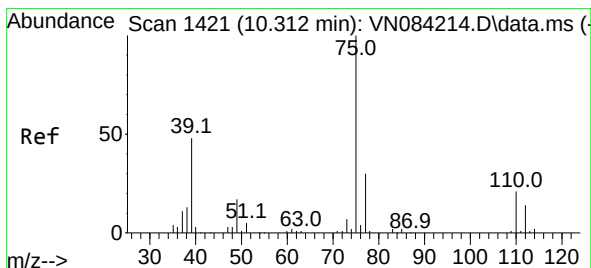
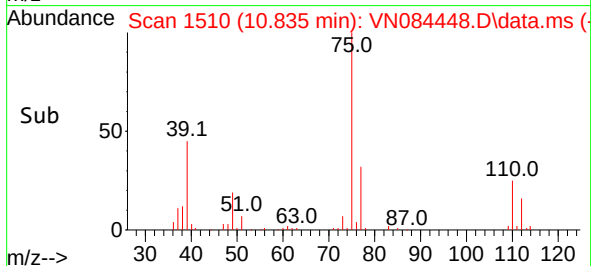
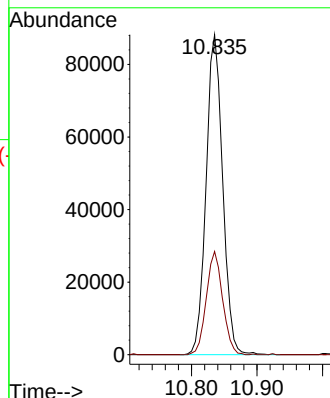
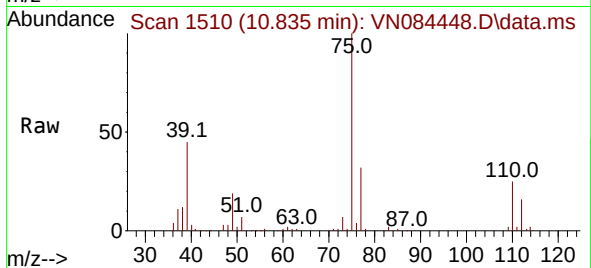




#53
 t-1,3-Dichloropropene
 Concen: 51.089 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

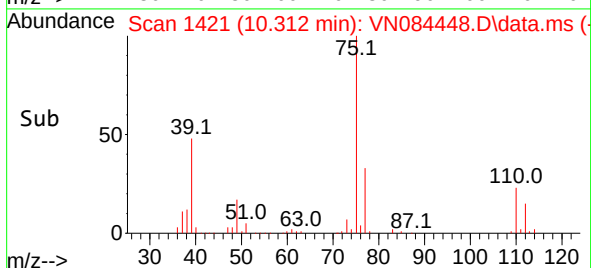
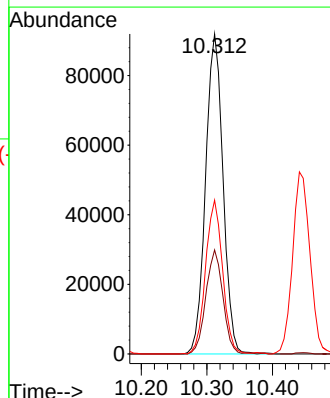
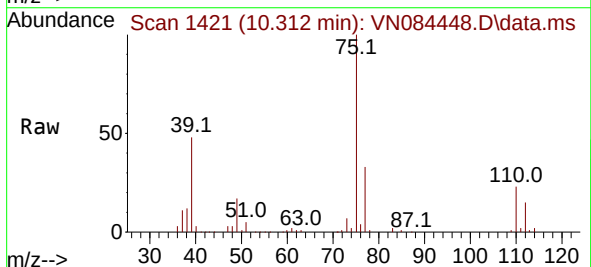
Instrument :
 MSVOA_N
 ClientSampleId :

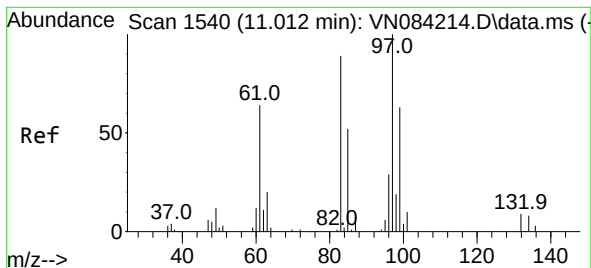
Tgt Ion: 75 Resp: 155308
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.057 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion: 75 Resp: 170218
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.2
 39 48.0 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 55.371 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

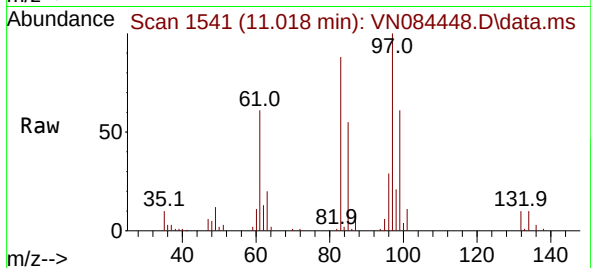
Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 101779

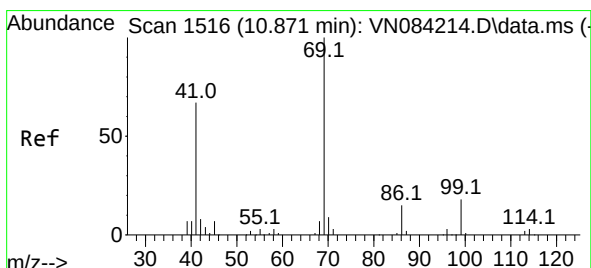
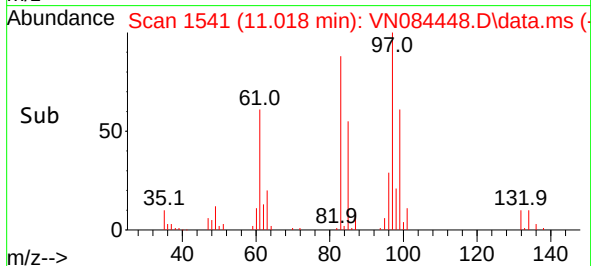
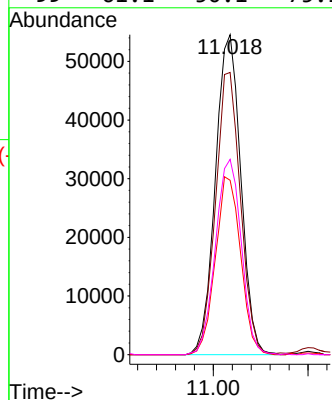
Ion Ratio Lower Upper

97 100

83 88.2 71.0 106.4

85 54.5 41.7 62.5

99 61.1 50.1 75.1



#56

Ethyl methacrylate

Concen: 54.658 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

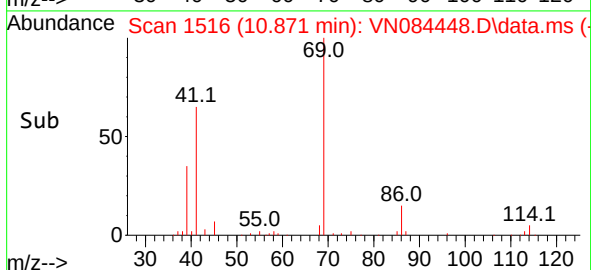
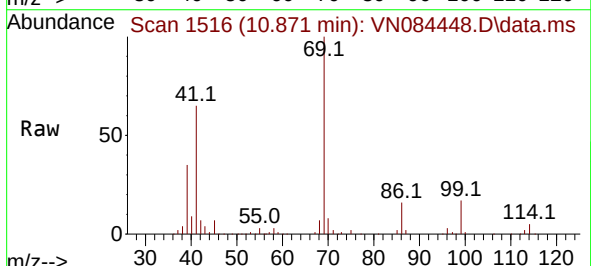
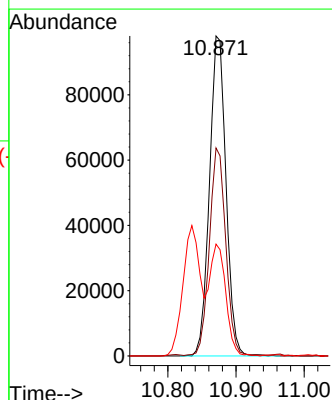
Tgt Ion: 69 Resp: 165318

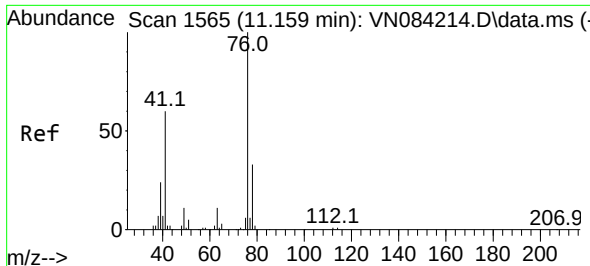
Ion Ratio Lower Upper

69 100

41 64.1 53.3 79.9

39 34.8 28.8 43.2





#57

1,3-Dichloropropane

Concen: 53.424 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

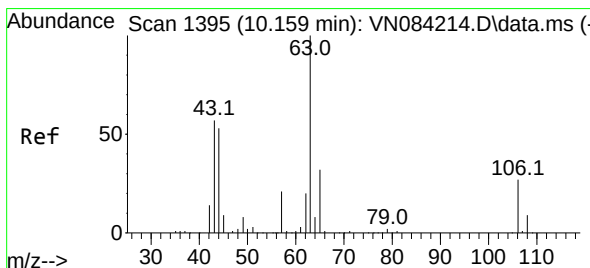
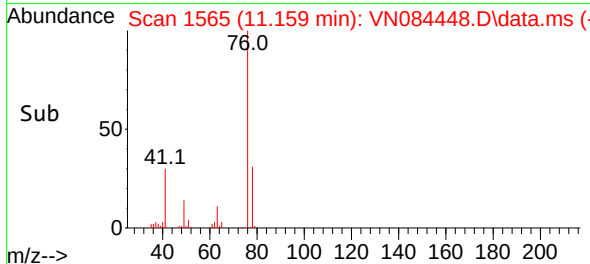
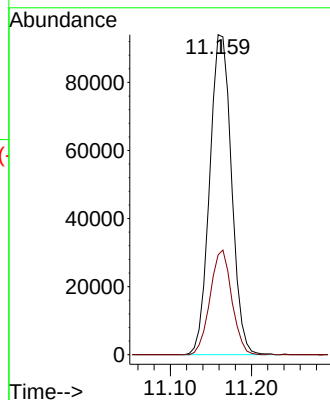
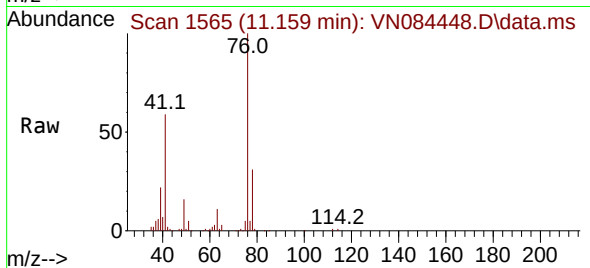
ClientSampleId :

Tgt Ion: 76 Resp: 175471

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 278.254 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084448.D

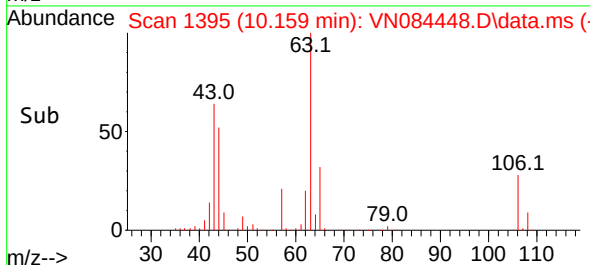
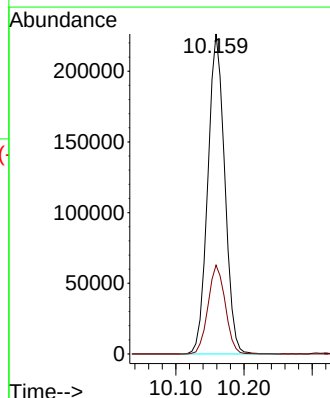
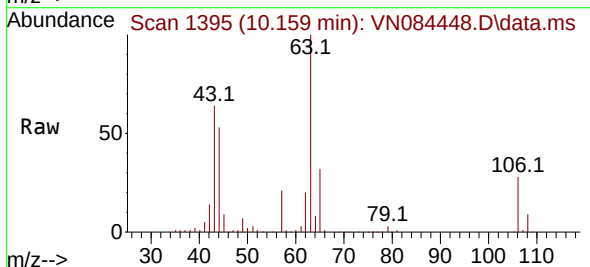
Acq: 21 Oct 2024 20:04

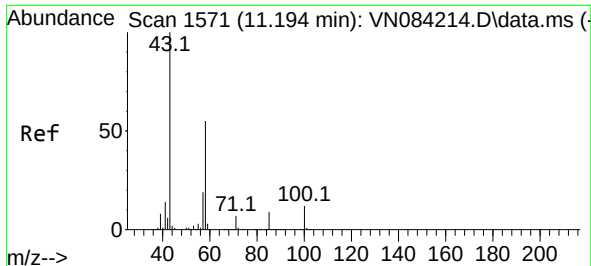
Tgt Ion: 63 Resp: 390411

Ion Ratio Lower Upper

63 100

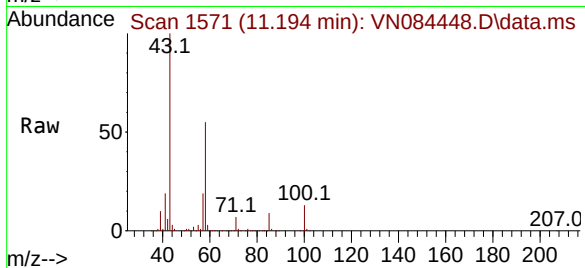
106 28.2 21.8 32.6



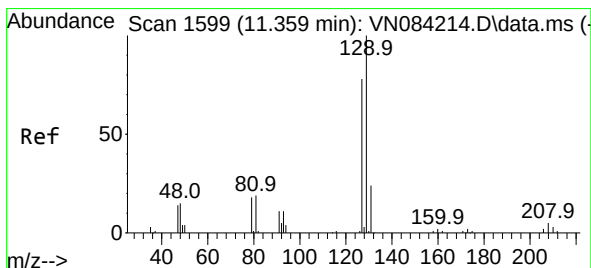
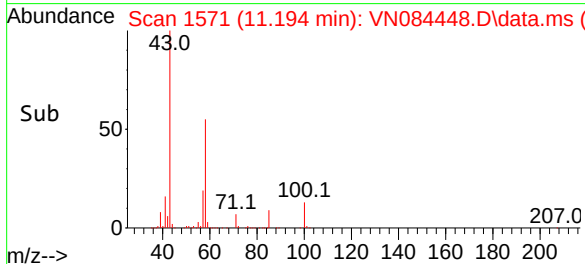
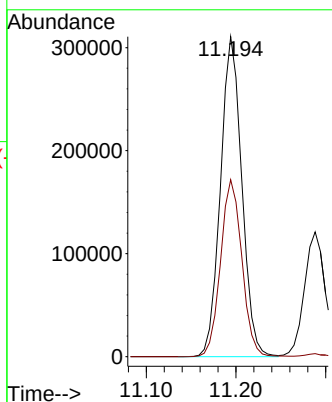


#59
2-Hexanone
Concen: 260.410 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

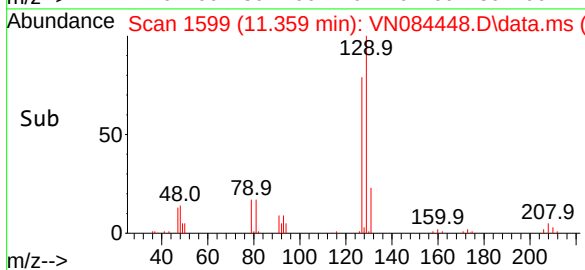
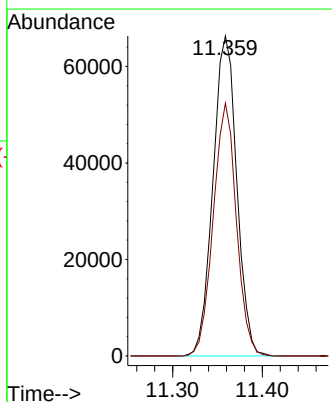
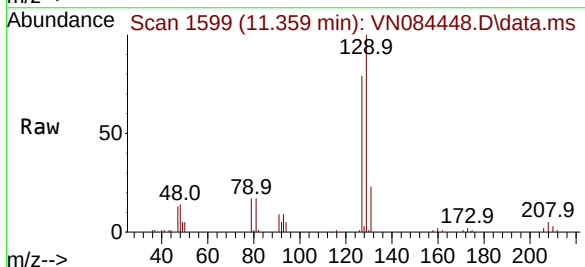


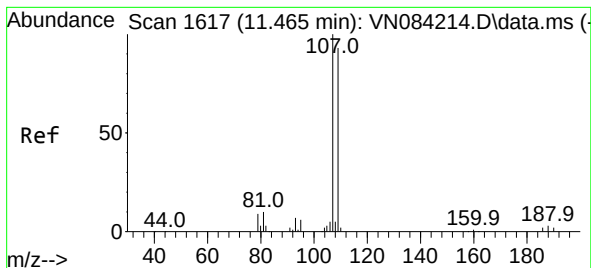
Tgt Ion: 43 Resp: 512990
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 56.277 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion:129 Resp: 122224
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 52.872 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

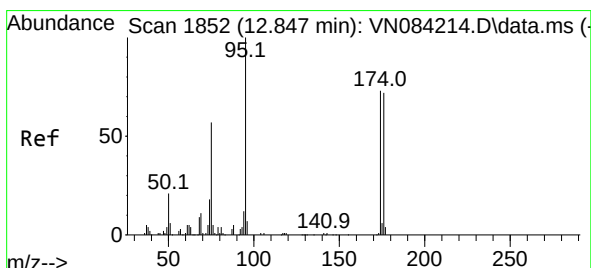
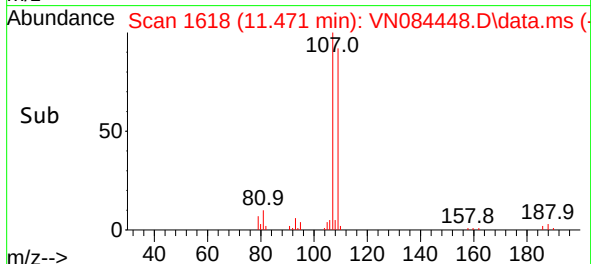
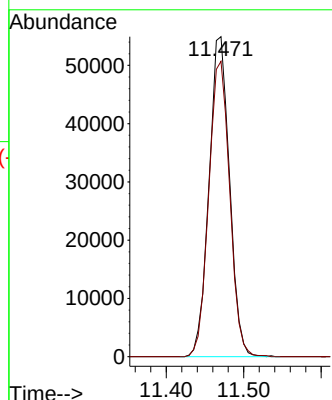
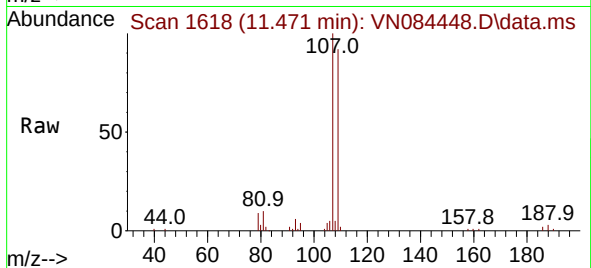
ClientSampleId :

Tgt Ion:107 Resp: 100984

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 52.160 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

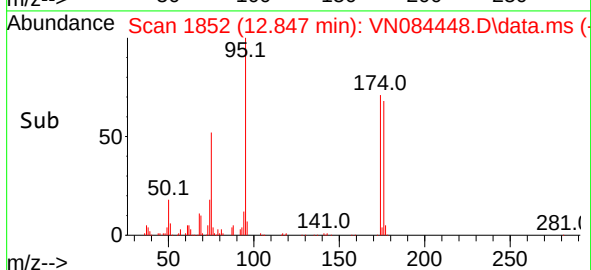
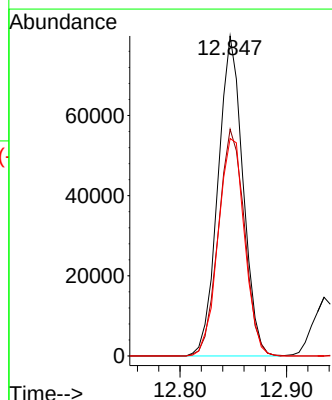
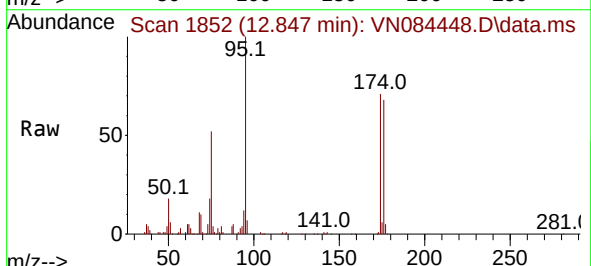
Tgt Ion: 95 Resp: 129892

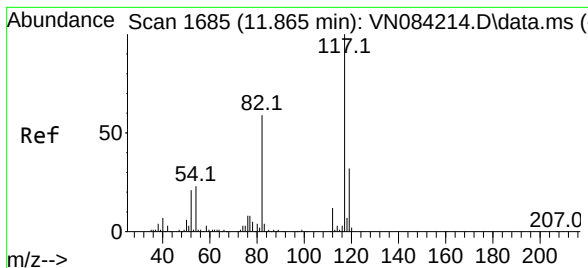
Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.2

176 72.0 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

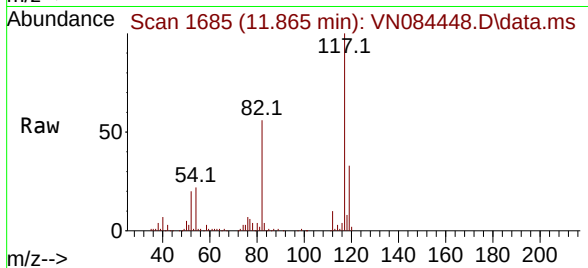
Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :



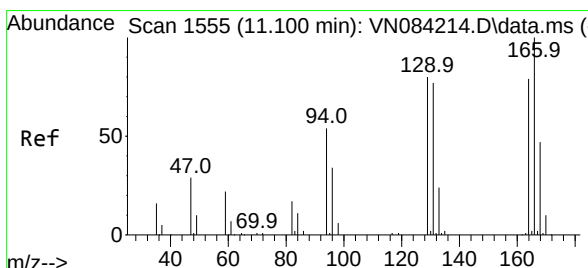
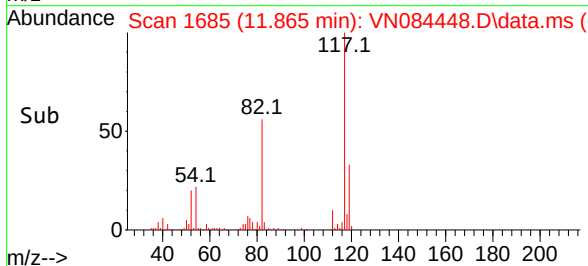
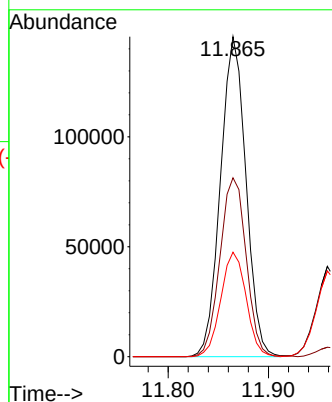
Tgt Ion:117 Resp: 256750

Ion Ratio Lower Upper

117 100

82 55.9 47.2 70.8

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 48.943 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Tgt Ion:164 Resp: 87525

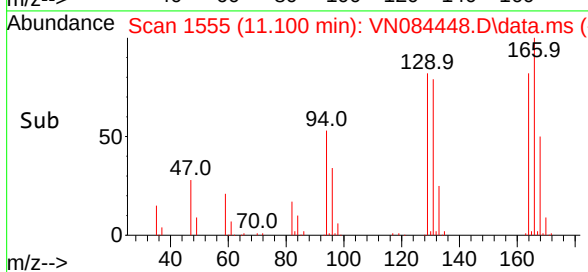
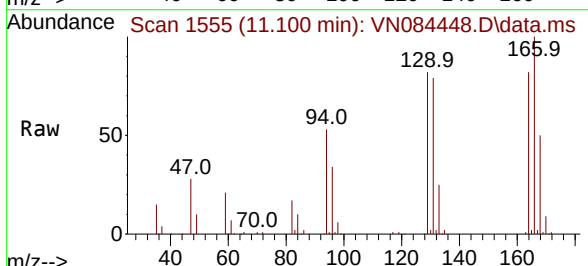
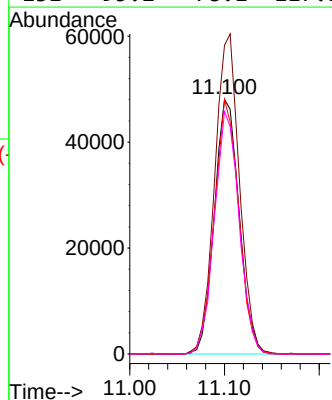
Ion Ratio Lower Upper

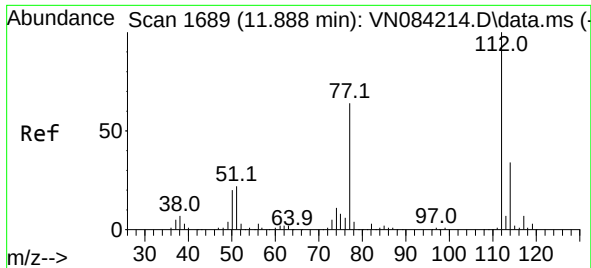
164 100

166 121.2 101.0 151.4

129 99.9 80.8 121.2

131 95.2 78.1 117.1

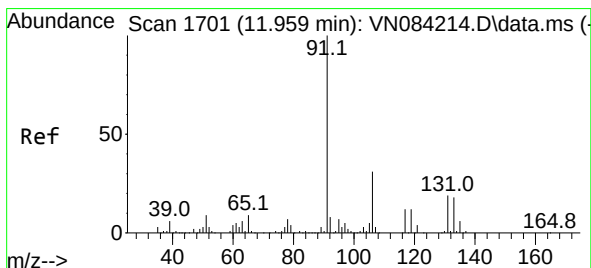
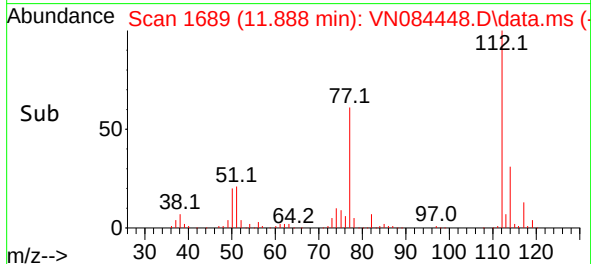
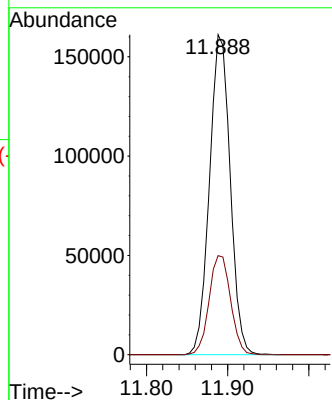
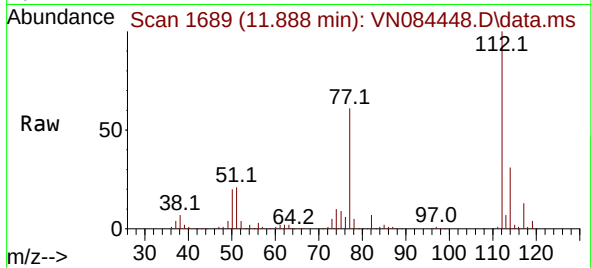




#65
Chlorobenzene
Concen: 50.105 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

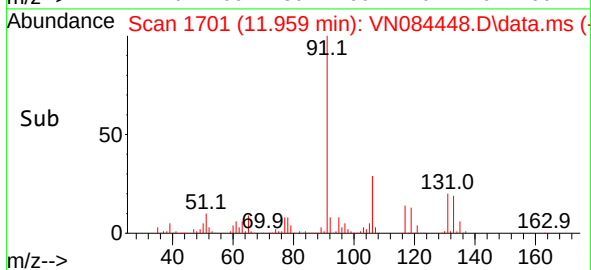
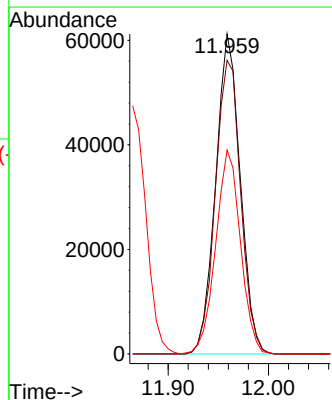
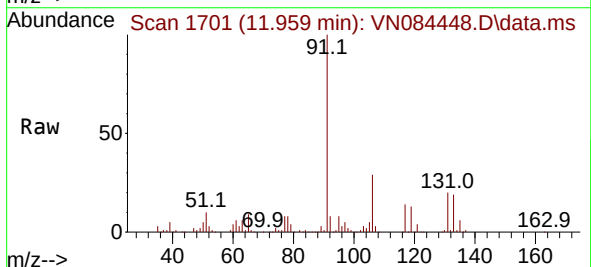
Instrument :
MSVOA_N
ClientSampleId :

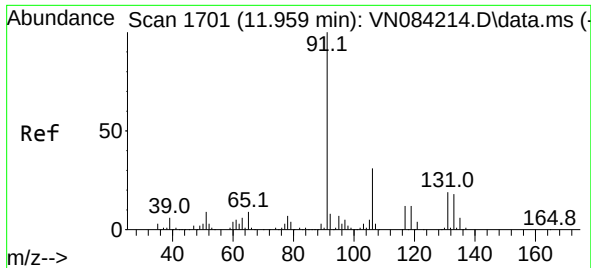
Tgt Ion:112 Resp: 285234
Ion Ratio Lower Upper
112 100
114 30.9 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.075 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion:131 Resp: 104070
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.4 32.8 98.3

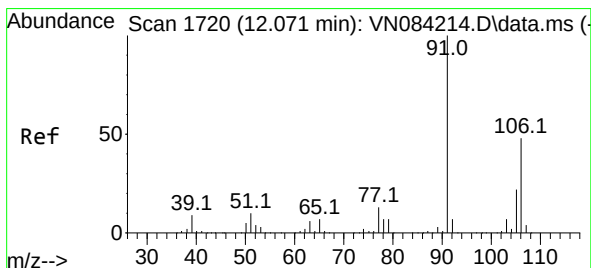
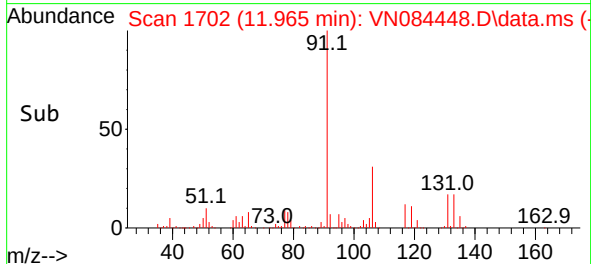
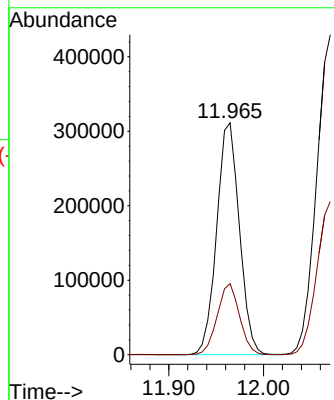
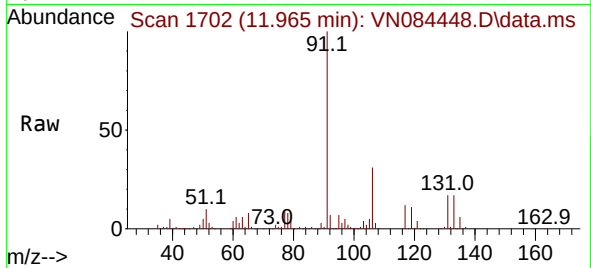




#67
Ethyl Benzene
Concen: 51.533 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

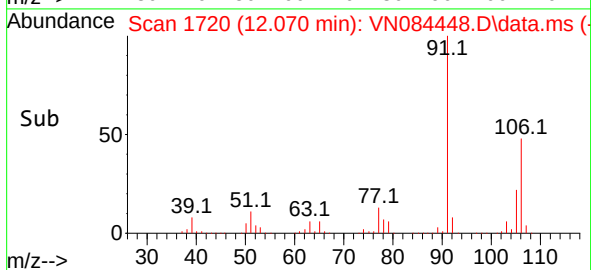
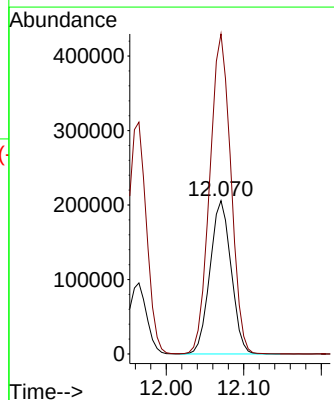
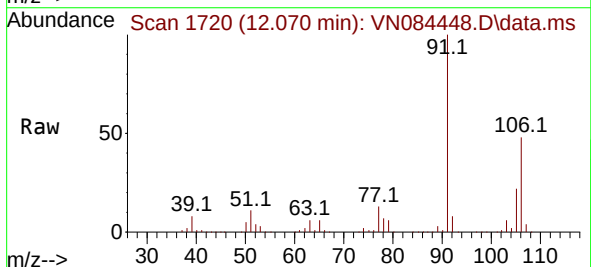
Instrument :
MSVOA_N
ClientSampleId :

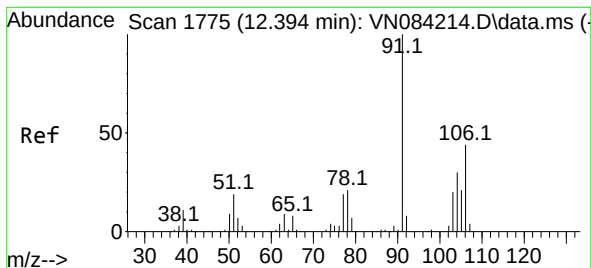
Tgt Ion: 91 Resp: 518810
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 104.492 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion:106 Resp: 389131
Ion Ratio Lower Upper
106 100
91 208.9 167.1 250.7

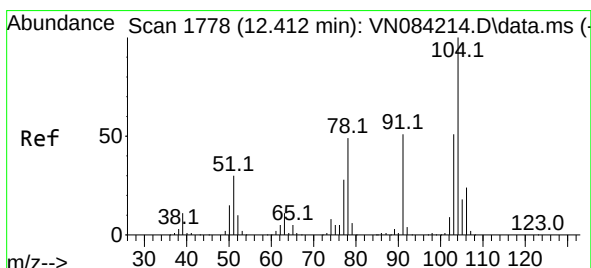
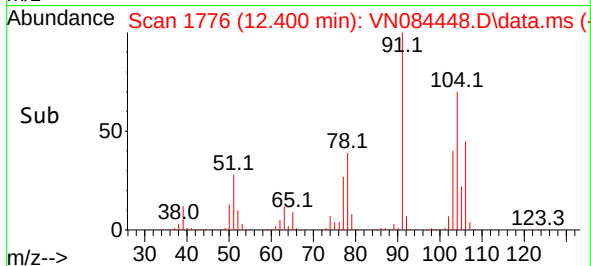
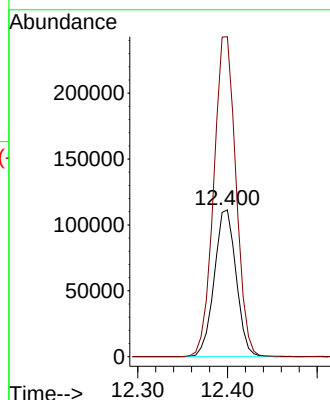
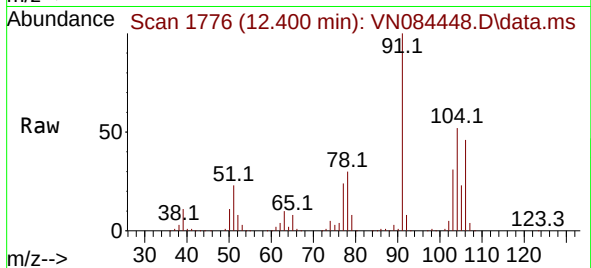




#69
o-Xylene
Concen: 53.503 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

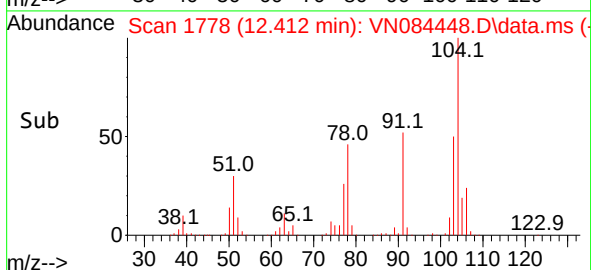
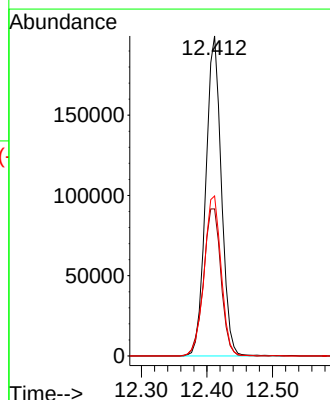
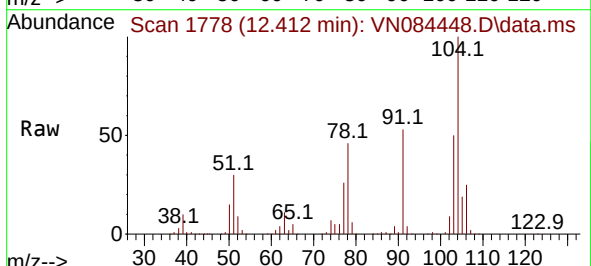
Instrument :
MSVOA_N
ClientSampleId :

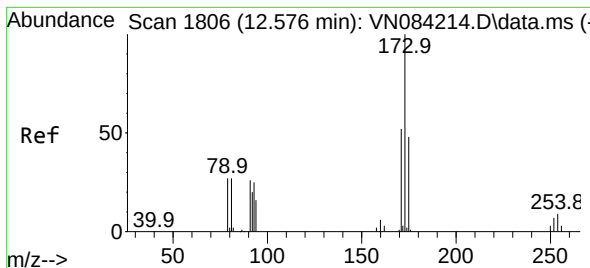
Tgt Ion:106 Resp: 188510
Ion Ratio Lower Upper
106 100
91 221.9 110.2 330.6



#70
Styrene
Concen: 55.268 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion:104 Resp: 329833
Ion Ratio Lower Upper
104 100
78 51.5 42.7 64.1
103 54.3 43.6 65.4





#71

Bromoform

Concen: 54.365 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

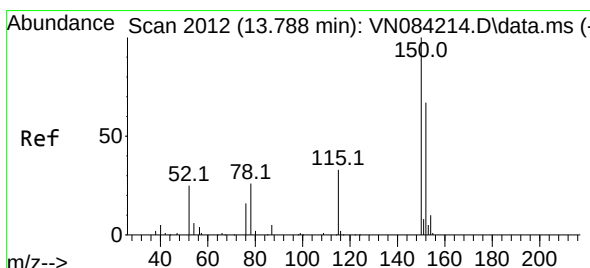
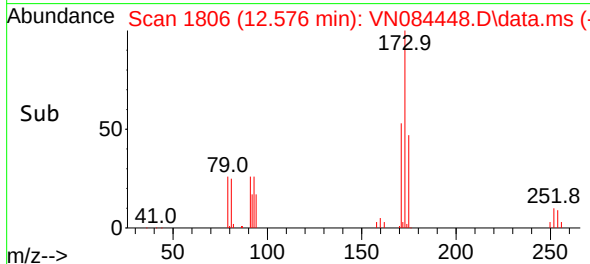
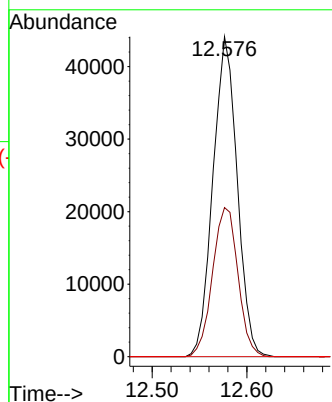
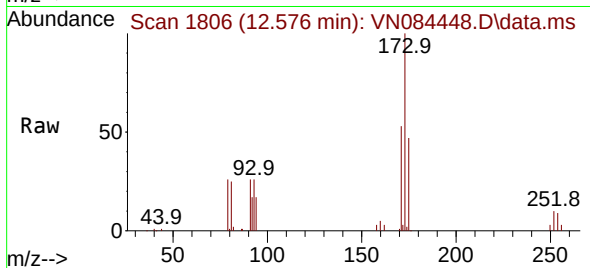
Tgt Ion:173 Resp: 78482

Ion Ratio Lower Upper

173 100

175 48.9 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: VN084448.D

Acq: 21 Oct 2024 20:04

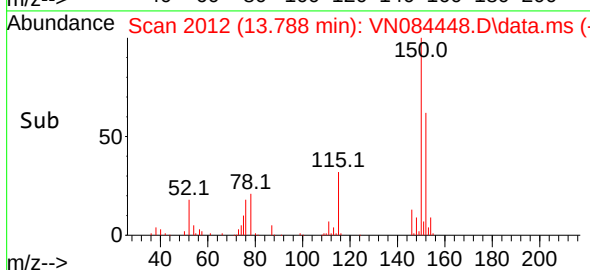
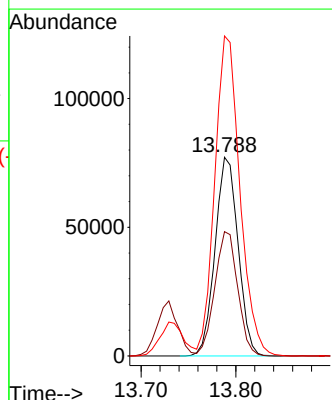
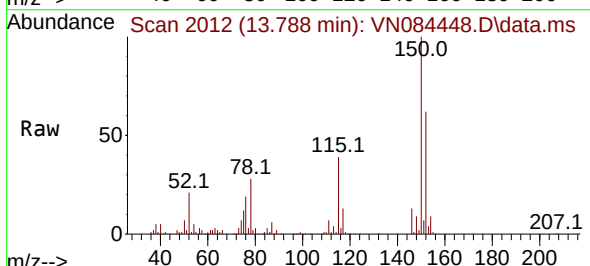
Tgt Ion:152 Resp: 130386

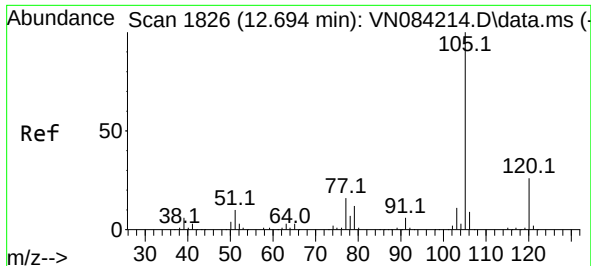
Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.9

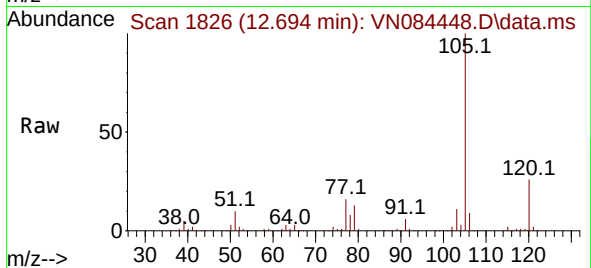
150 175.6 0.0 349.8



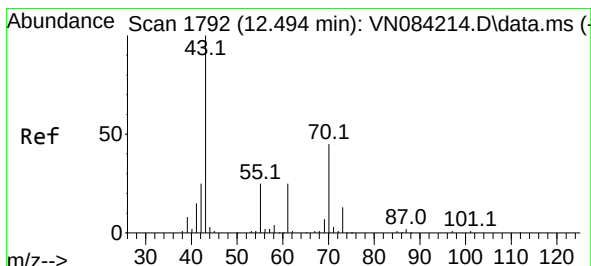
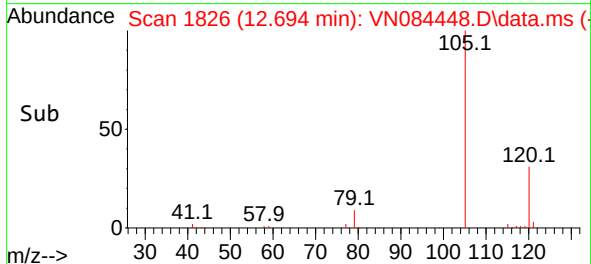
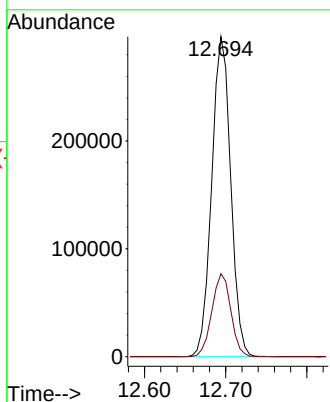


#73
Isopropylbenzene
Concen: 48.507 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

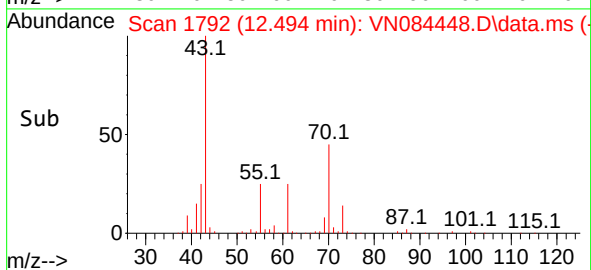
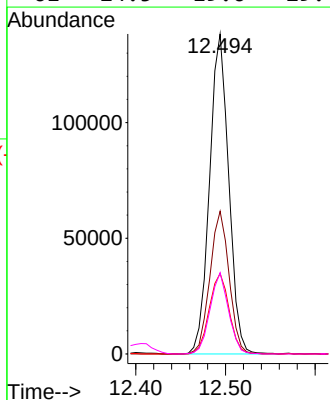
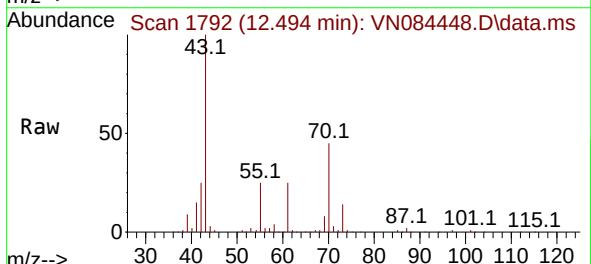


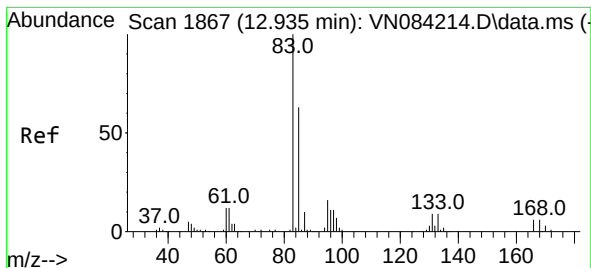
Tgt Ion:105 Resp: 482626
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 45.614 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 43 Resp: 205514
Ion Ratio Lower Upper
43 100
70 44.7 34.4 51.6
55 26.1 19.6 29.4
61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.155 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

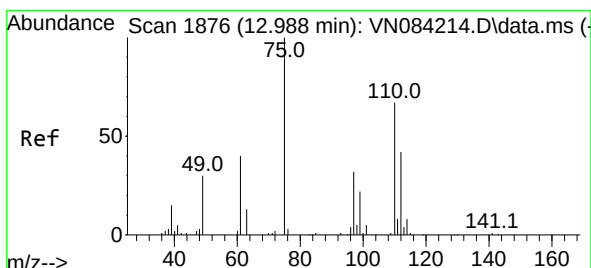
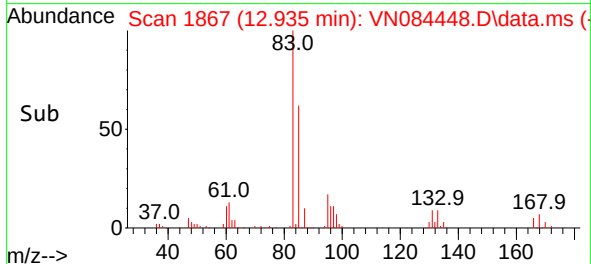
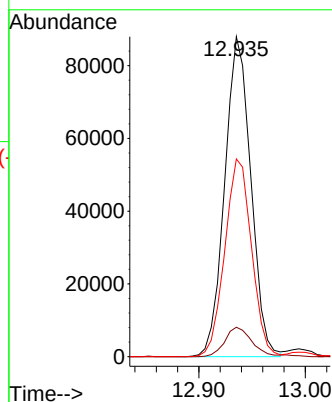
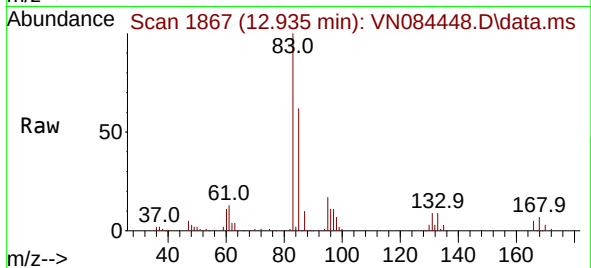
Tgt Ion: 83 Resp: 150053

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 63.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 71.291 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084448.D

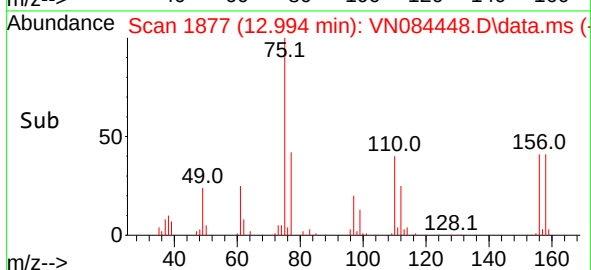
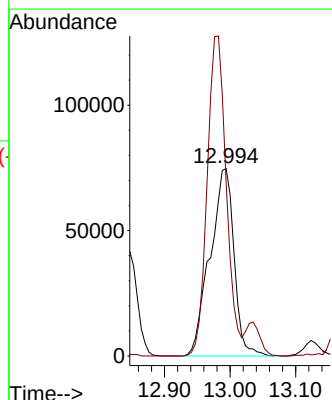
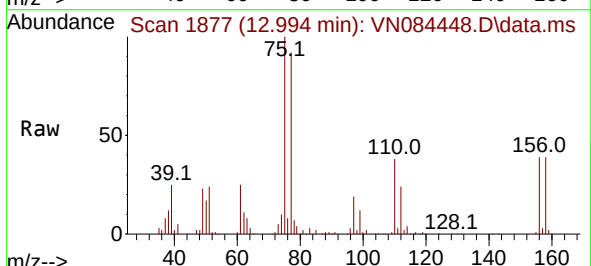
Acq: 21 Oct 2024 20:04

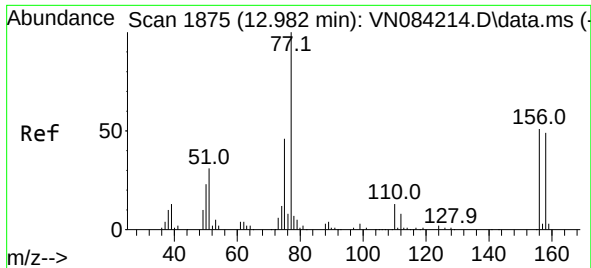
Tgt Ion: 75 Resp: 189767

Ion Ratio Lower Upper

75 100

77 136.2 96.9 290.7

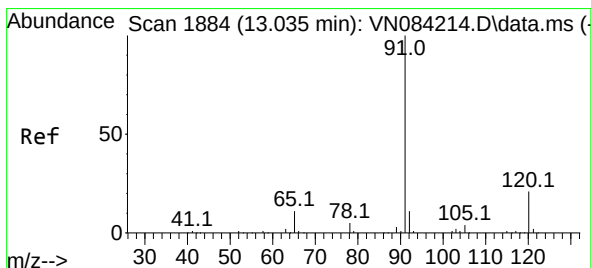
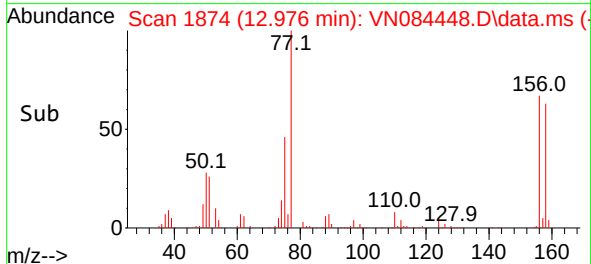
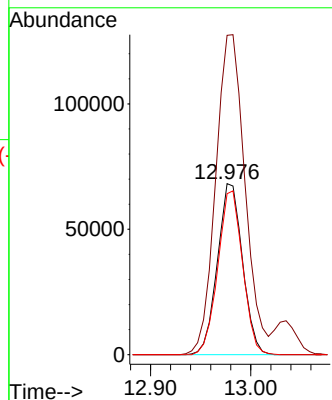
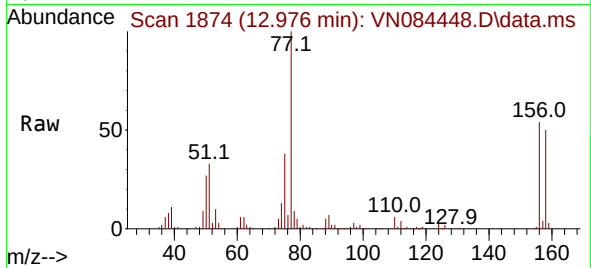




#77
Bromobenzene
Concen: 49.239 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

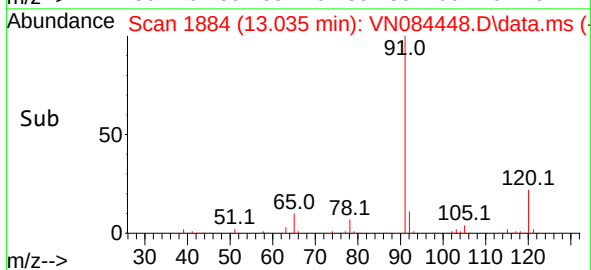
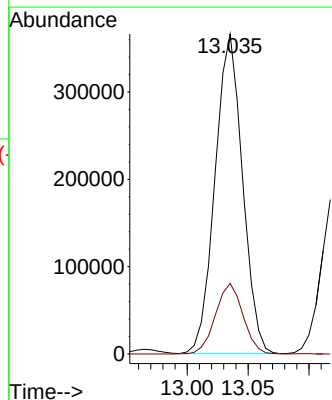
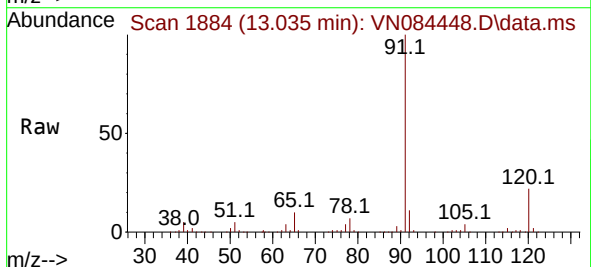
Instrument :
MSVOA_N
ClientSampleId :

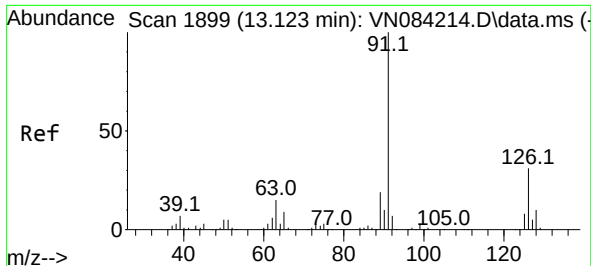
Tgt Ion:156 Resp: 118173
Ion Ratio Lower Upper
156 100
77 218.7 115.1 345.3
158 94.5 48.9 146.8



#78
n-propylbenzene
Concen: 49.748 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 91 Resp: 573481
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4

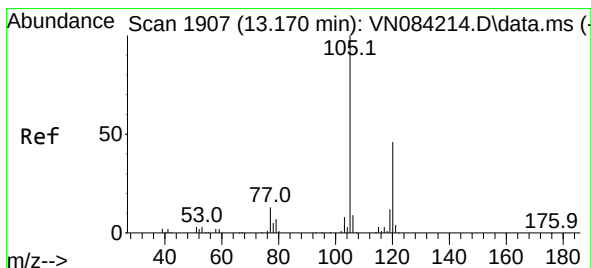
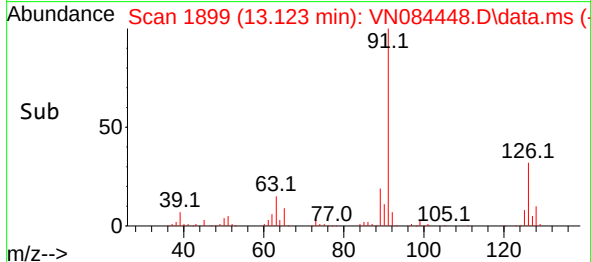
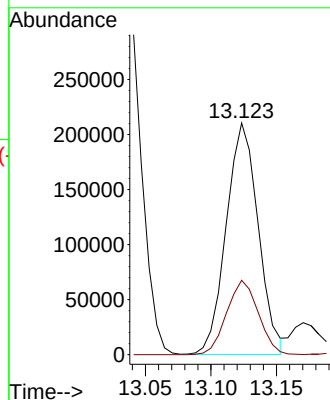
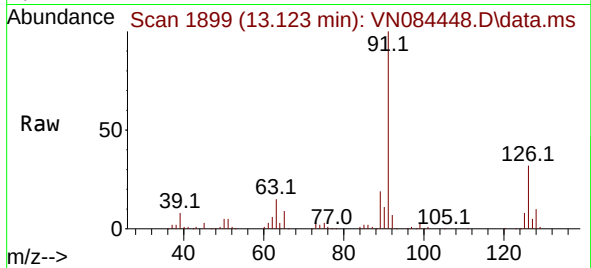




#79
2-Chlorotoluene
Concen: 48.450 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

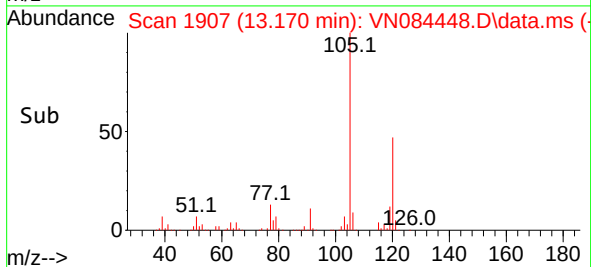
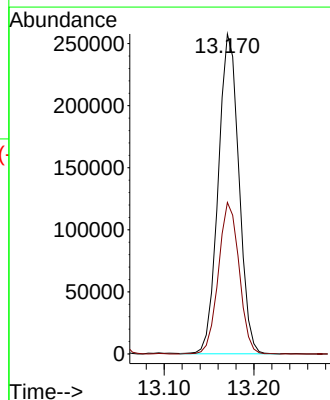
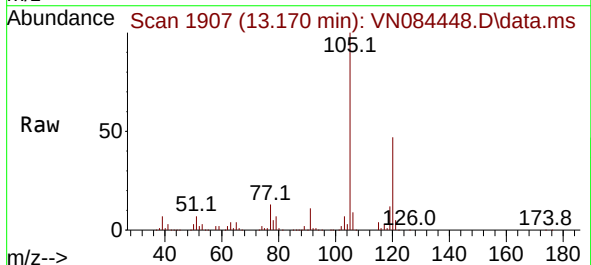
Instrument :
MSVOA_N
ClientSampleId :

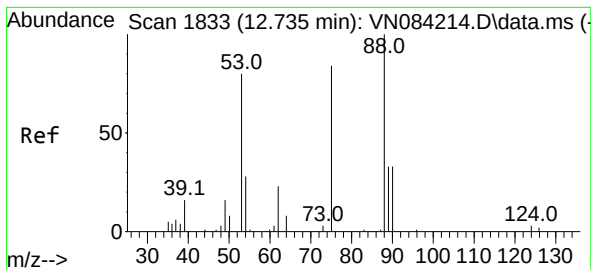
Tgt Ion: 91 Resp: 356393
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 50.681 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 105 Resp: 411332
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1

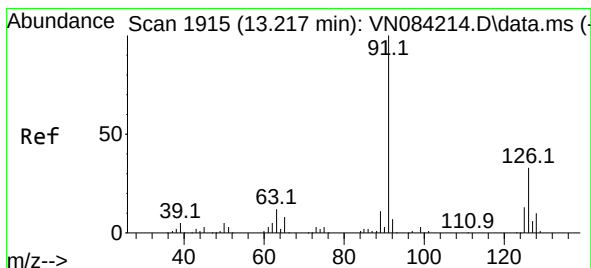
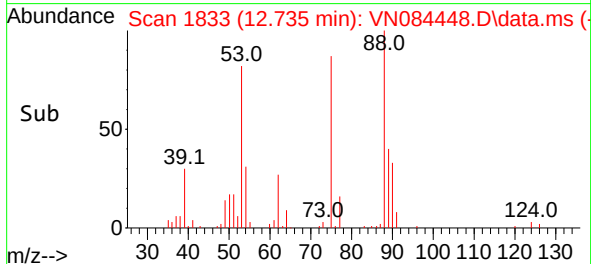
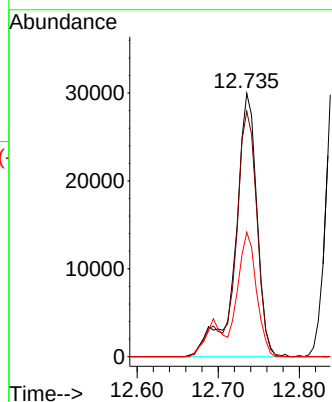
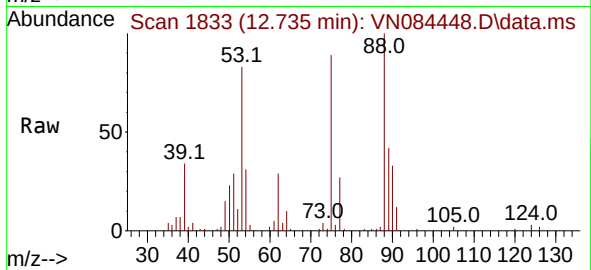




#81
trans-1,4-Dichloro-2-butene
Concen: 49.901 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

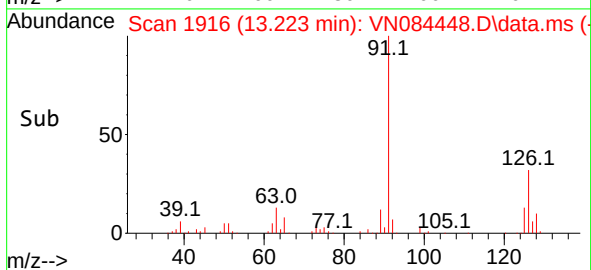
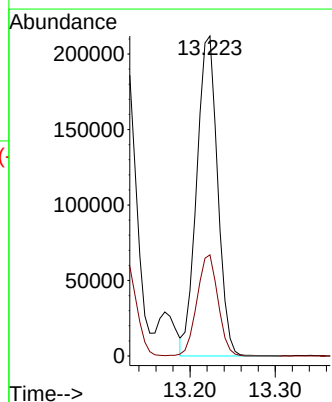
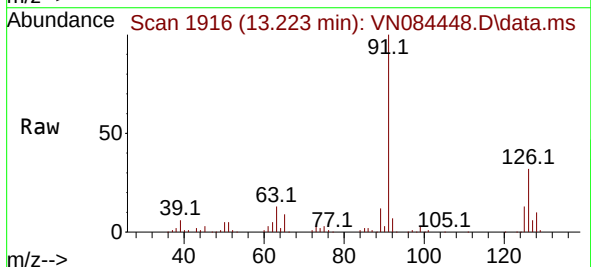
Instrument :
MSVOA_N
ClientSampleId :

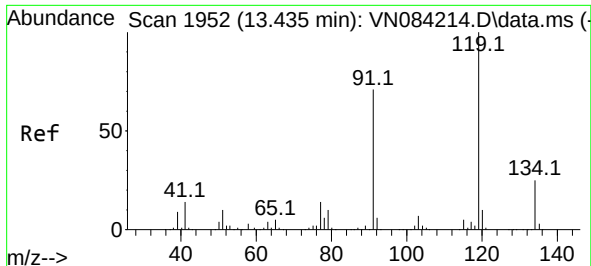
Tgt Ion: 75 Resp: 55404
Ion Ratio Lower Upper
75 100
53 85.1 78.0 117.0
89 40.5 35.5 53.3



#82
4-Chlorotoluene
Concen: 48.730 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 91 Resp: 360840
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

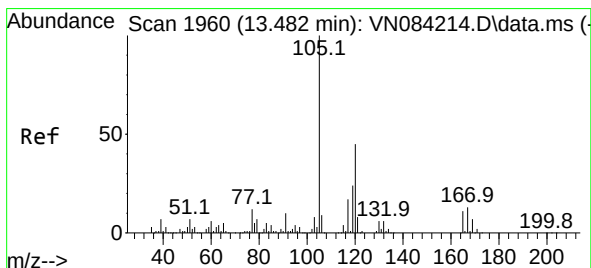
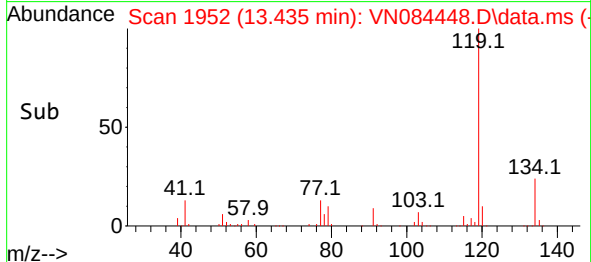
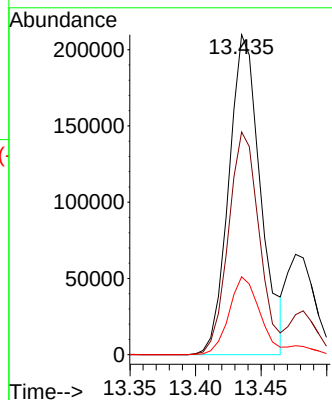
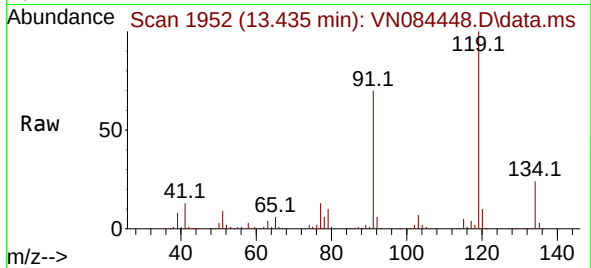




#83
 tert-Butylbenzene
 Concen: 48.923 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

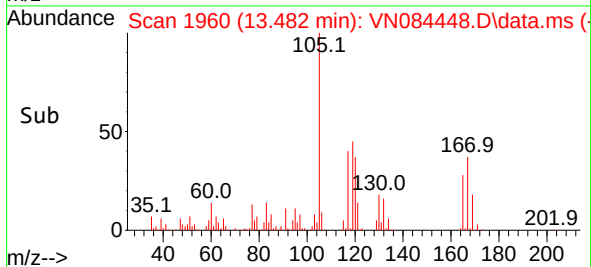
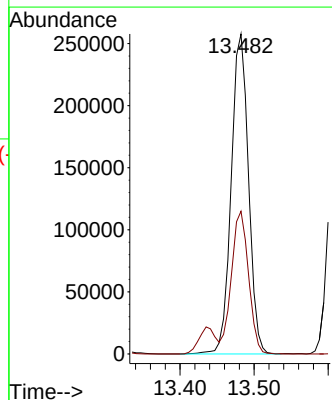
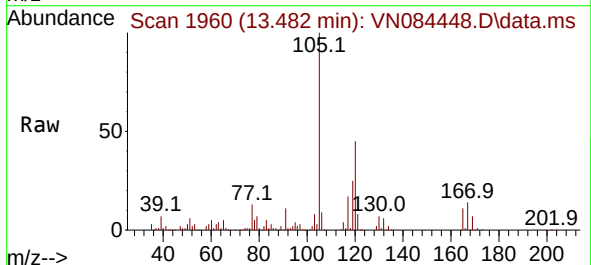
Instrument :
 MSVOA_N
 ClientSampleId :

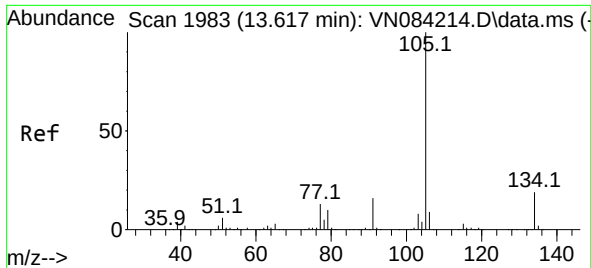
Tgt Ion:119 Resp: 352909
 Ion Ratio Lower Upper
 119 100
 91 68.0 34.1 102.3
 134 24.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.992 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion:105 Resp: 416913
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.8

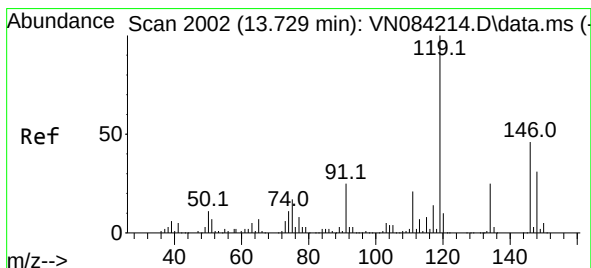
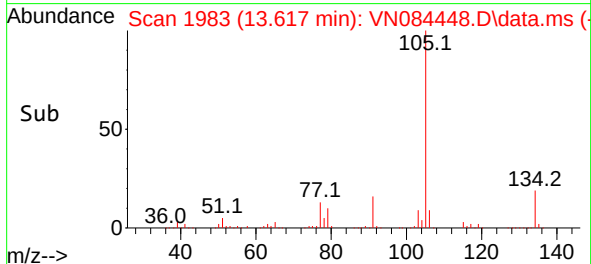
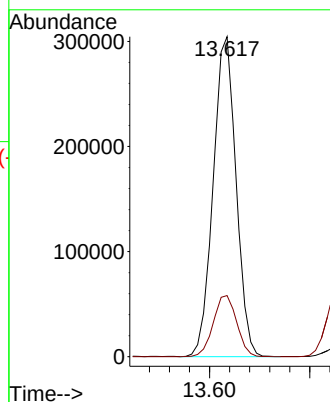
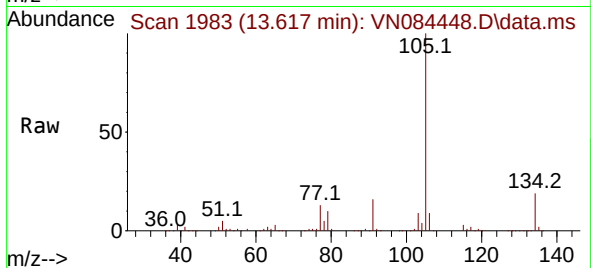




#85
 sec-Butylbenzene
 Concen: 50.124 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

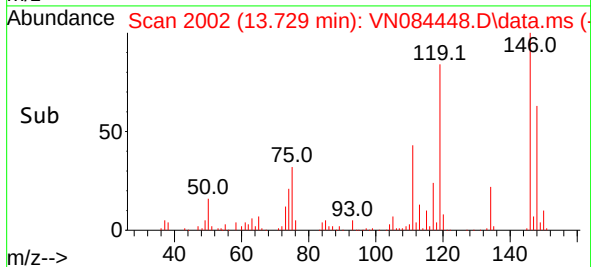
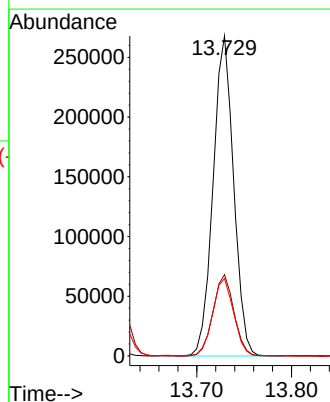
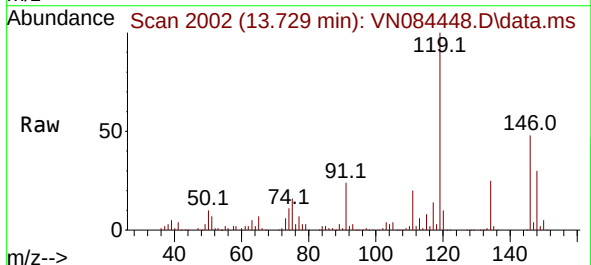
Instrument :
 MSVOA_N
 ClientSampleId :

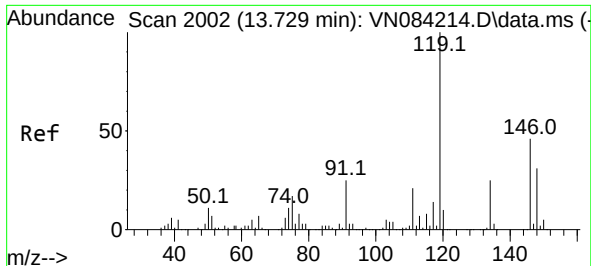
Tgt Ion:105 Resp: 482488
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.755 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

Tgt Ion:119 Resp: 404005
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.9 12.4 37.2

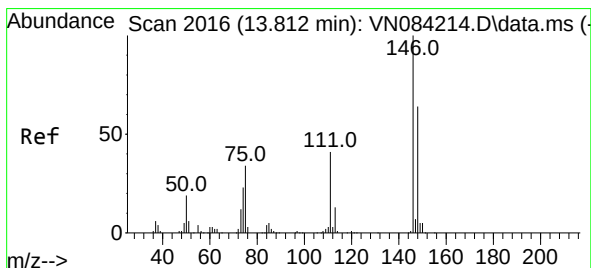
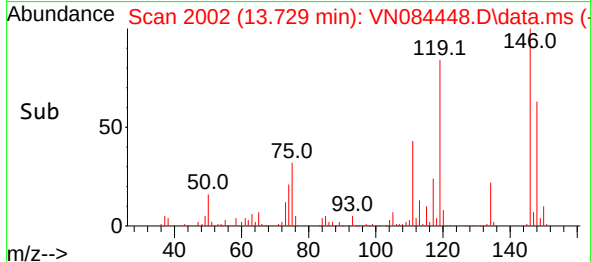
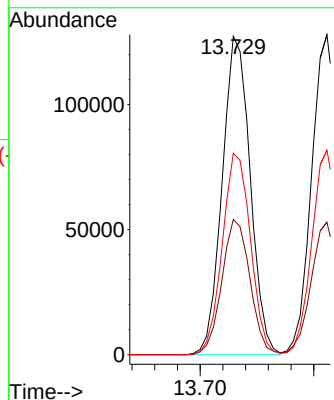
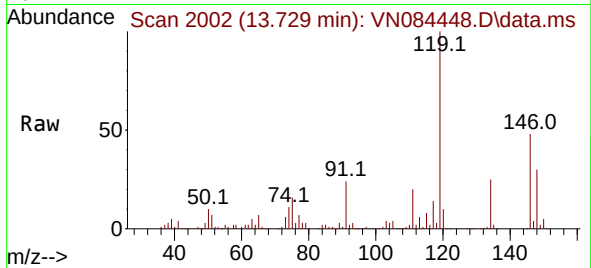




#87
 1,3-Dichlorobenzene
 Concen: 48.345 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

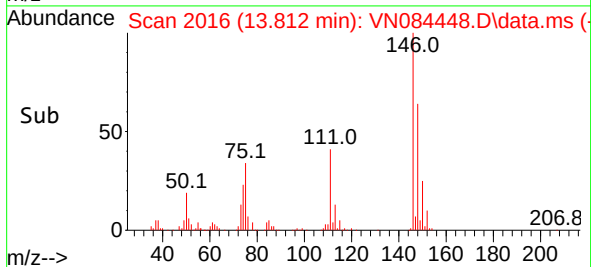
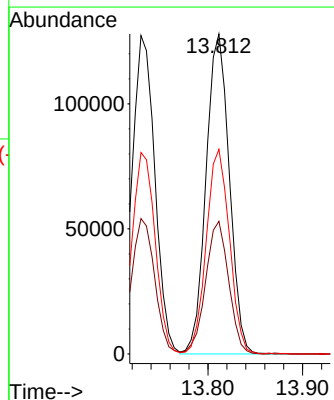
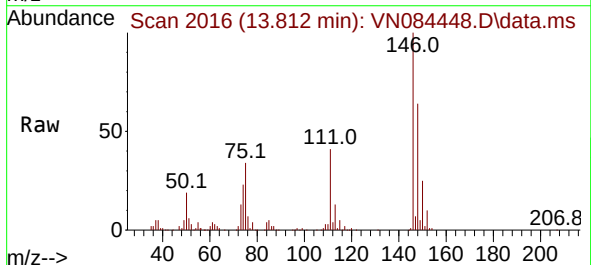
Instrument :
 MSVOA_N
 ClientSampleId :

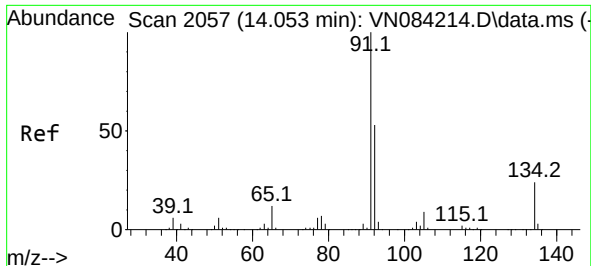
Tgt Ion:146 Resp: 217666
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.8 65.3
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.056 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084448.D
 Acq: 21 Oct 2024 20:04

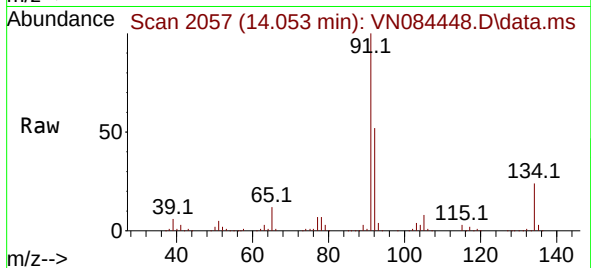
Tgt Ion:146 Resp: 218499
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.2 63.6
 148 63.8 31.9 95.9





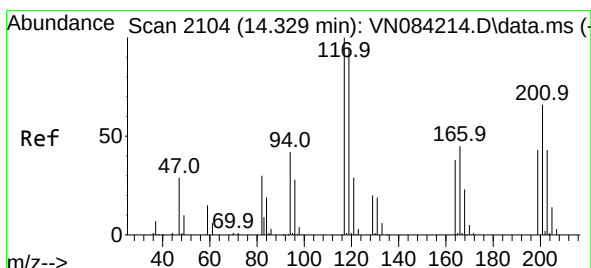
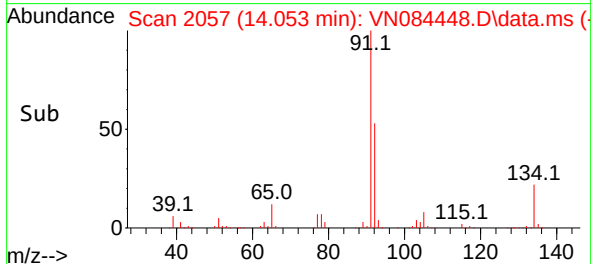
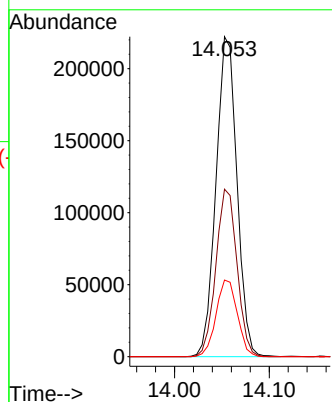
#89
n-Butylbenzene
Concen: 47.437 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 342382

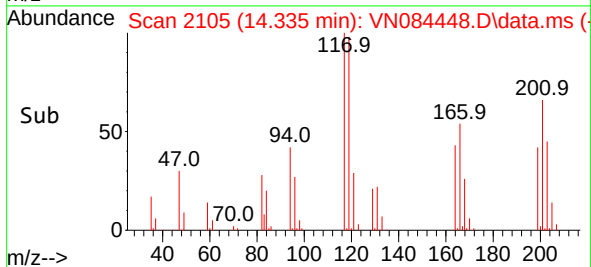
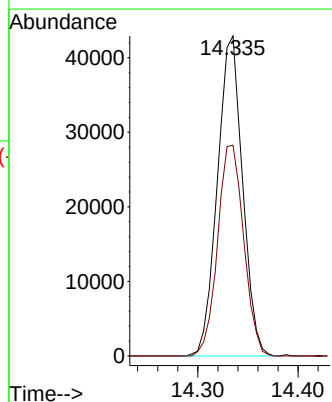
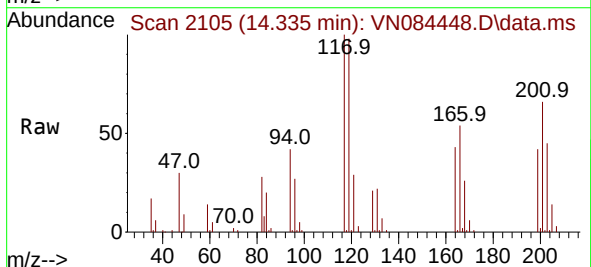
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	24.3	12.3	36.9

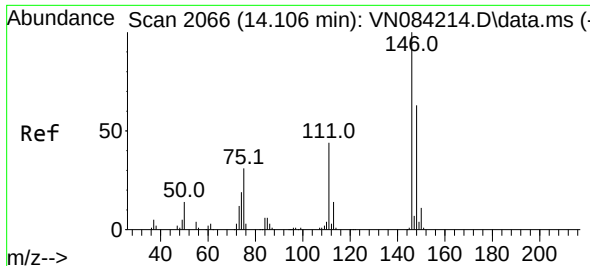


#90
Hexachloroethane
Concen: 46.151 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084448.D
Acq: 21 Oct 2024 20:04

Tgt Ion: 117 Resp: 74567

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 48.690 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

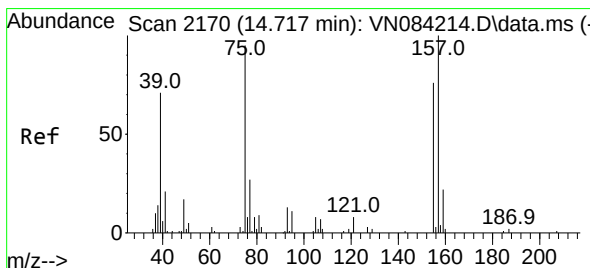
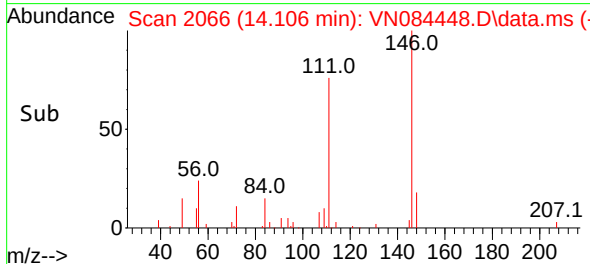
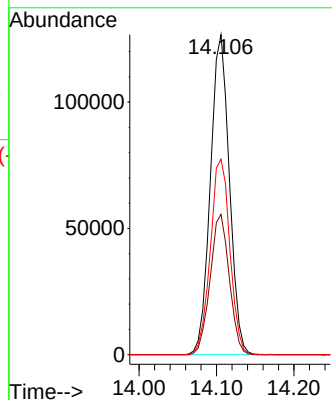
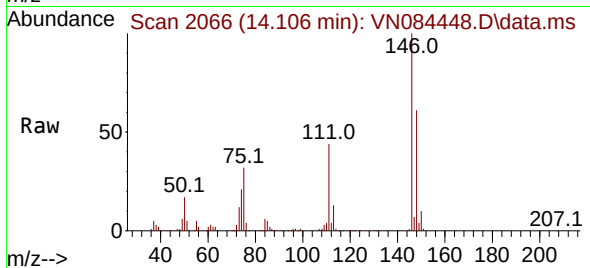
Tgt Ion:146 Resp: 214956

Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

148 62.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.312 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

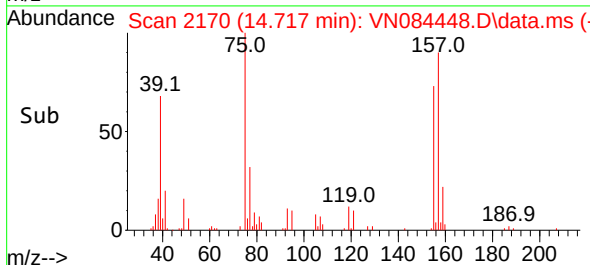
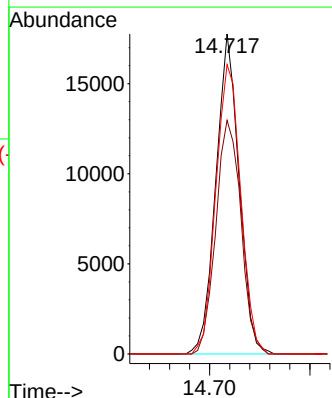
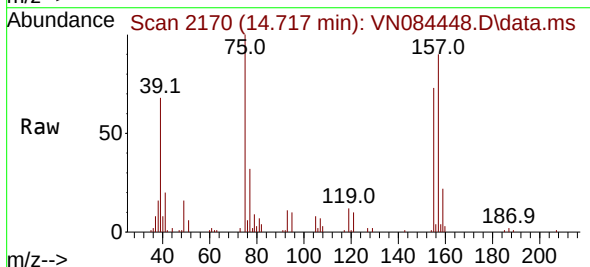
Tgt Ion: 75 Resp: 28592

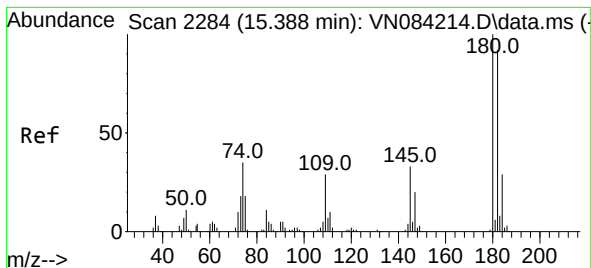
Ion Ratio Lower Upper

75 100

155 78.9 38.1 114.5

157 96.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 48.359 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

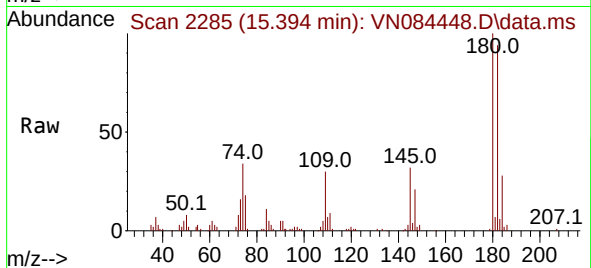
Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :



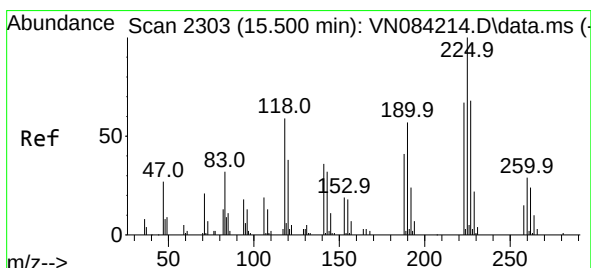
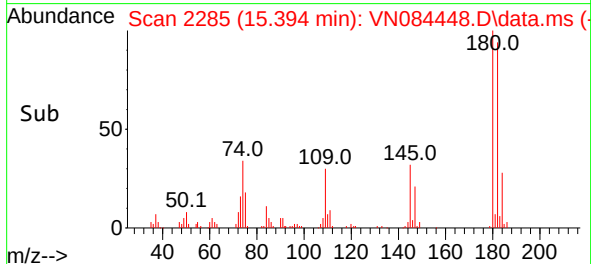
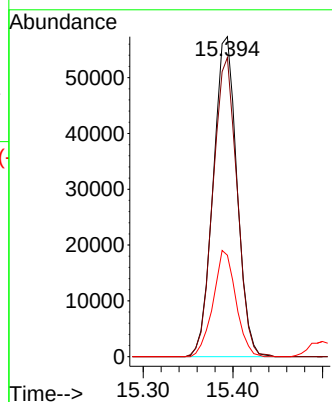
Tgt Ion:180 Resp: 105156

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.0

145 31.9 16.4 49.4



#94

Hexachlorobutadiene

Concen: 43.364 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

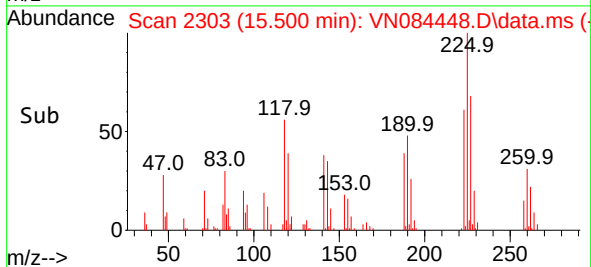
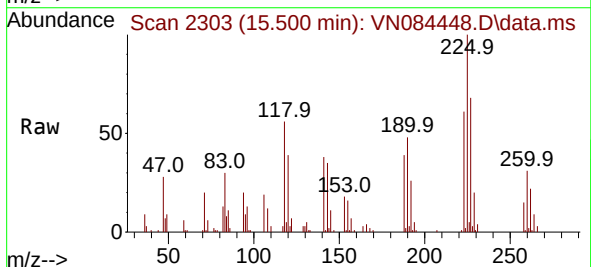
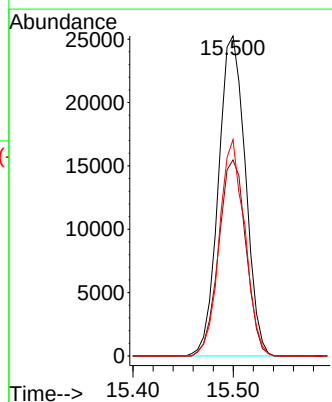
Tgt Ion:225 Resp: 47024

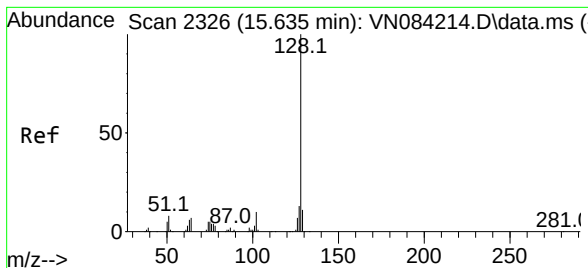
Ion Ratio Lower Upper

225 100

223 62.1 32.4 97.2

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 46.938 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

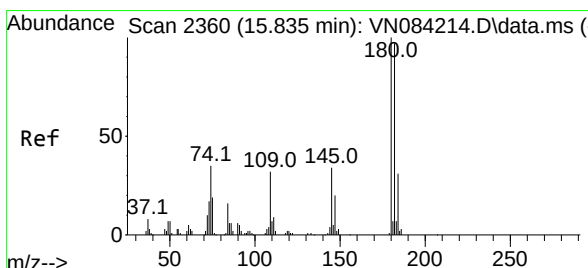
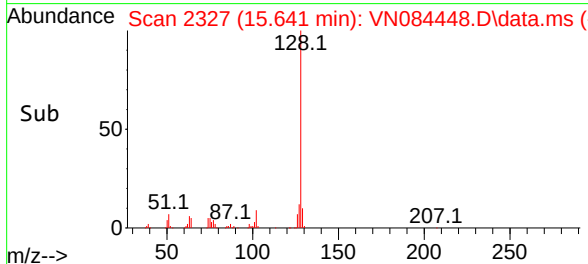
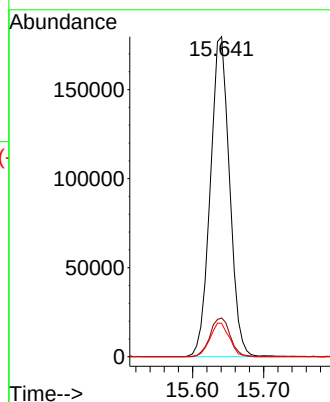
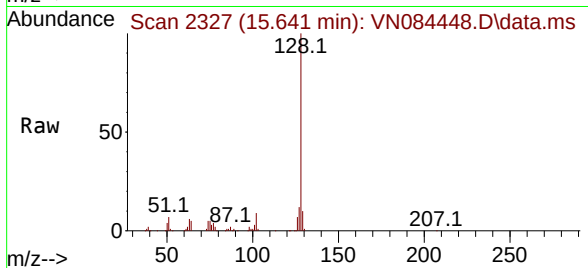
Tgt Ion:128 Resp: 338368

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.602 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084448.D

Acq: 21 Oct 2024 20:04

Tgt Ion:180 Resp: 103615

Ion Ratio Lower Upper

180 100

182 94.8 48.2 144.6

145 35.1 17.3 51.9

