

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084501.D
 Acq On : 24 Oct 2024 20:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 02:07:31 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	185676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140434	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	132677	48.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.165	113	105878	49.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	10.565	98	367864	46.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.847	95	137725	47.917	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	70408	32.058	ug/l	93
3) Chloromethane	2.365	50	98708	39.361	ug/l	97
4) Vinyl Chloride	2.512	62	99144	40.815	ug/l	97
5) Bromomethane	2.948	94	62210	38.826	ug/l	94
6) Chloroethane	3.118	64	64065	36.826	ug/l	94
7) Trichlorofluoromethane	3.495	101	163772	43.296	ug/l	99
8) Diethyl Ether	3.959	74	64180	45.748	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	85696	39.539	ug/l	99
10) Methyl Iodide	4.589	142	128435	46.015	ug/l	98
11) Tert butyl alcohol	5.518	59	100595	221.601	ug/l	100
12) 1,1-Dichloroethene	4.348	96	92993	44.482	ug/l	99
13) Acrolein	4.177	56	118475	227.339	ug/l	99
14) Allyl chloride	5.018	41	156611	43.134	ug/l	98
15) Acrylonitrile	5.718	53	274454	239.417	ug/l	98
16) Acetone	4.430	43	219511	185.613	ug/l	97
17) Carbon Disulfide	4.712	76	251101	37.937	ug/l	97
18) Methyl Acetate	5.024	43	122439	47.501	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	348412	49.378	ug/l	98
20) Methylene Chloride	5.277	84	114188	47.499	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	100652	45.955	ug/l	96
22) Diisopropyl ether	6.671	45	367308	48.909	ug/l	99
23) Vinyl Acetate	6.600	43	1374069	246.683	ug/l	100
24) 1,1-Dichloroethane	6.571	63	197876	47.116	ug/l	99
25) 2-Butanone	7.483	43	351086	217.963	ug/l	99
26) 2,2-Dichloropropane	7.489	77	153184	40.453	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	124783	47.147	ug/l	97
28) Bromochloromethane	7.812	49	87069	46.465	ug/l	98
29) Tetrahydrofuran	7.836	42	234237	235.645	ug/l	98
30) Chloroform	7.965	83	208919	47.890	ug/l	96
31) Cyclohexane	8.259	56	147871	36.263	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	180979	46.192	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133955	43.006	ug/l	98
37) Ethyl Acetate	7.559	43	149195	46.688	ug/l	99
38) Carbon Tetrachloride	8.365	117	151565	44.359	ug/l	98
39) Methylcyclohexane	9.600	83	134433	38.778	ug/l	97
40) Benzene	8.606	78	450414	46.412	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81790	47.146	ug/l	97
42) 1,2-Dichloroethane	8.671	62	155684	47.320	ug/l	99
43) Isopropyl Acetate	8.688	43	284841	45.508	ug/l	97
44) Trichloroethene	9.347	130	101272	44.679	ug/l	93
45) 1,2-Dichloropropane	9.618	63	112869	49.164	ug/l	97
46) Dibromomethane	9.706	93	78109	50.417	ug/l	99
47) Bromodichloromethane	9.888	83	168446	48.938	ug/l #	99
48) Methyl methacrylate	9.677	41	119503	47.962	ug/l	98
49) 1,4-Dioxane	9.694	88	42439	925.191	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	747016	245.565	ug/l	100
52) Toluene	10.630	92	274728	46.423	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	167463	47.729	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	181261	48.030	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	106475	50.188	ug/l	97
56) Ethyl methacrylate	10.871	69	179232	51.343	ug/l	96
57) 1,3-Dichloropropane	11.165	76	184035	48.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	391920	242.016	ug/l	97
59) 2-Hexanone	11.194	43	545345	239.854	ug/l	98
60) Dibromochloromethane	11.359	129	126106	50.308	ug/l	100
61) 1,2-Dibromoethane	11.465	107	108012	48.997	ug/l	99
64) Tetrachloroethene	11.106	164	82620	42.455	ug/l	96
65) Chlorobenzene	11.888	112	294653	47.563	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	102911	48.229	ug/l	99
67) Ethyl Benzene	11.959	91	510489	46.596	ug/l	99
68) m/p-Xylenes	12.071	106	388015	95.746	ug/l	100
69) o-Xylene	12.400	106	189395	49.396	ug/l	99
70) Styrene	12.412	104	336399	51.798	ug/l	98
71) Bromoform	12.576	173	81359	51.789	ug/l #	99
73) Isopropylbenzene	12.694	105	468691	43.736	ug/l	100
74) N-amyl acetate	12.494	43	228556	47.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	152379	47.288	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	198135	69.109	ug/l	59
77) Bromobenzene	12.982	156	117738	45.548	ug/l	97
78) n-propylbenzene	13.035	91	555417	44.734	ug/l	99
79) 2-Chlorotoluene	13.123	91	344902	43.533	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	403258	46.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	57959	48.467	ug/l	91
82) 4-Chlorotoluene	13.218	91	360656	45.220	ug/l	98
83) tert-Butylbenzene	13.435	119	332391	42.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	410725	46.641	ug/l	99
85) sec-Butylbenzene	13.618	105	470000	45.333	ug/l	99
86) p-Isopropyltoluene	13.729	119	397675	46.385	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	213965	44.123	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	216860	44.283	ug/l	99
89) n-Butylbenzene	14.053	91	349846	45.003	ug/l	100
90) Hexachloroethane	14.335	117	70455	40.486	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	206992	43.532	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30423	45.752	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	111353	47.545	ug/l	98
94) Hexachlorobutadiene	15.500	225	40854	34.978	ug/l	99
95) Naphthalene	15.635	128	376265	48.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107440	45.828	ug/l	98

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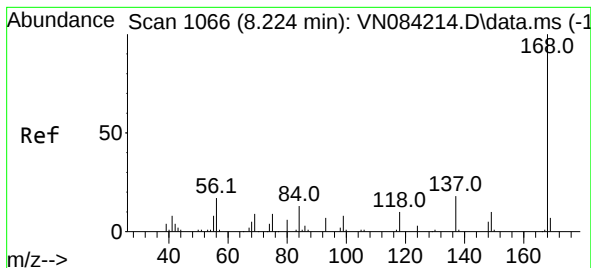
Quant Time: Oct 25 02:07:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

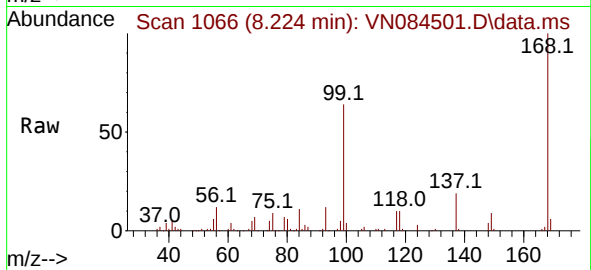
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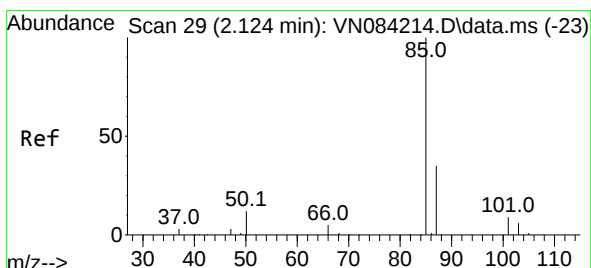
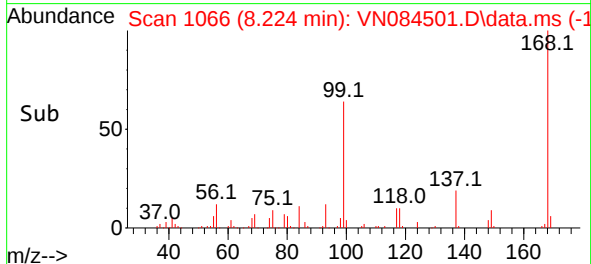
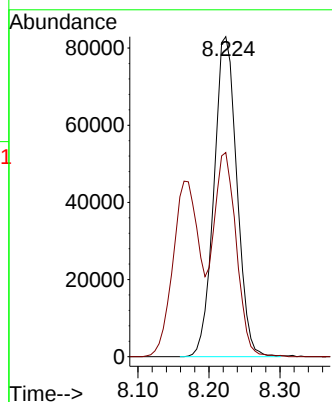


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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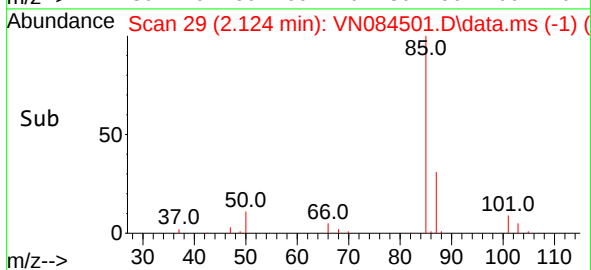
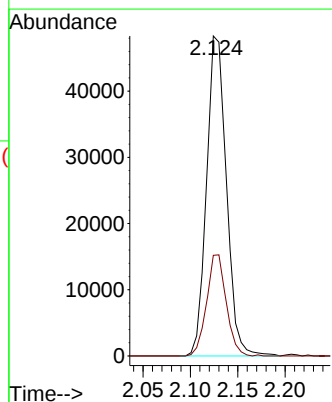
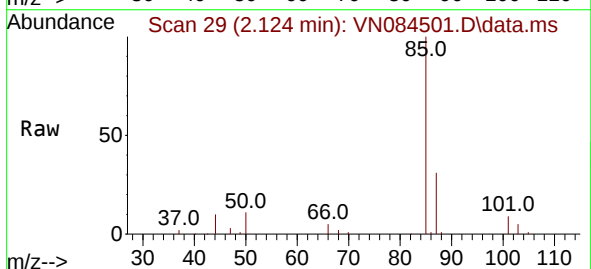


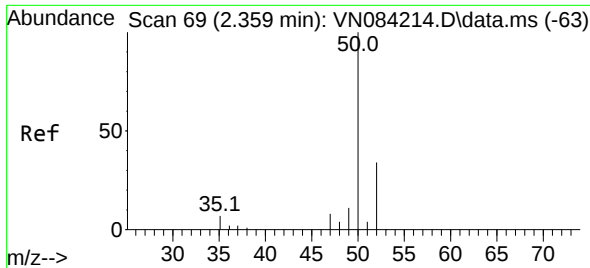
Tgt Ion:168 Resp: 185676
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 32.058 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 85 Resp: 70408
Ion Ratio Lower Upper
85 100
87 31.4 17.6 52.9

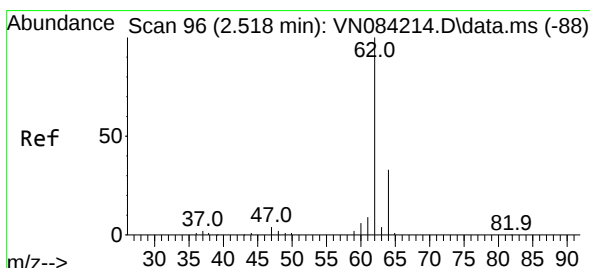
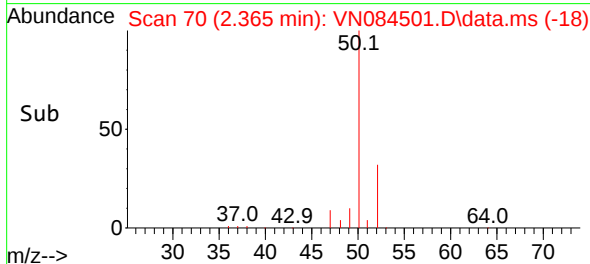
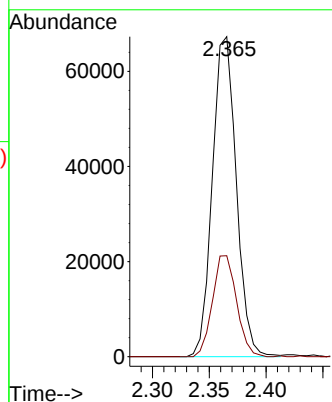
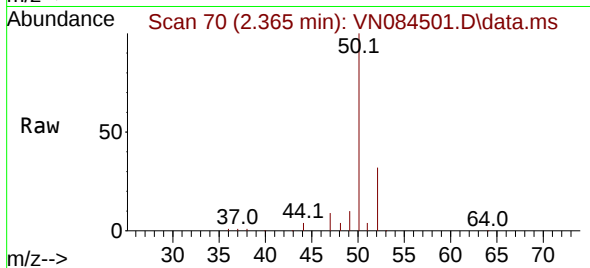




#3
Chloromethane
Concen: 39.361 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

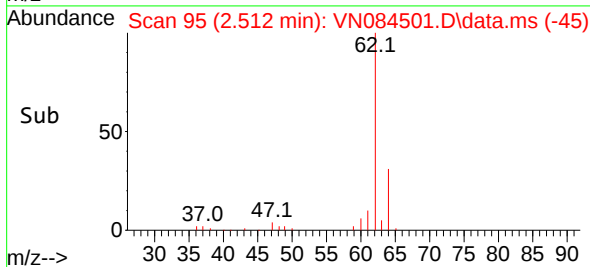
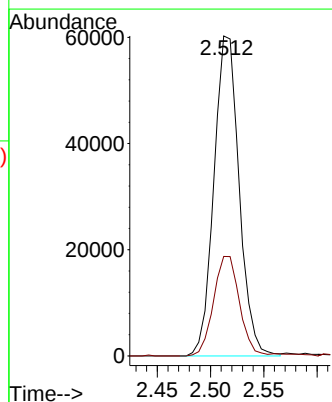
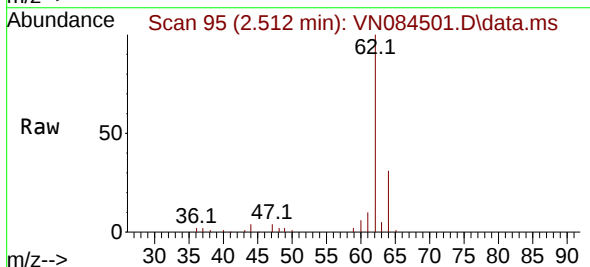
Instrument :
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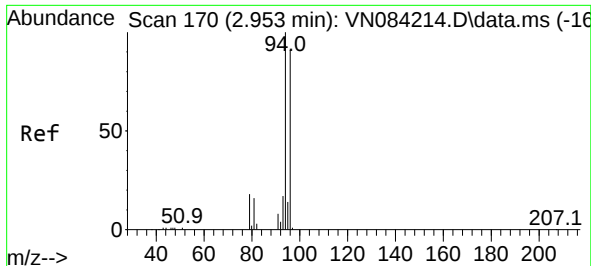
Tgt Ion: 50 Resp: 98708
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2



#4
Vinyl Chloride
Concen: 40.815 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 62 Resp: 99144
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.4

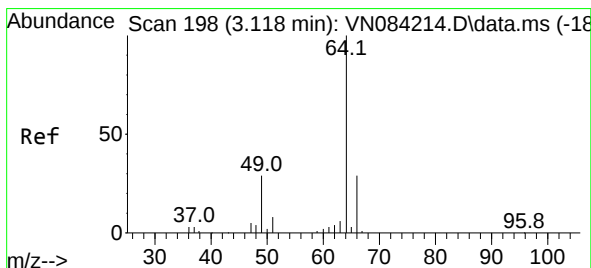
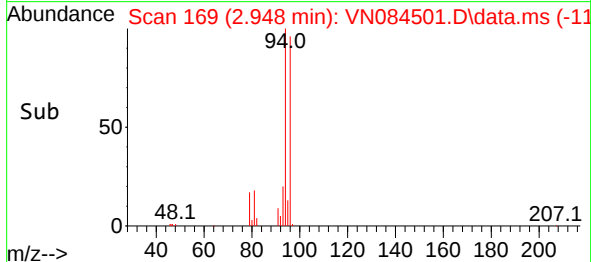
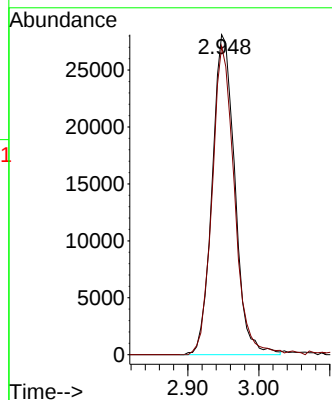
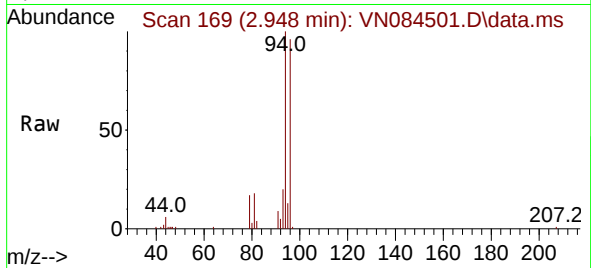




#5
Bromomethane
Concen: 38.826 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

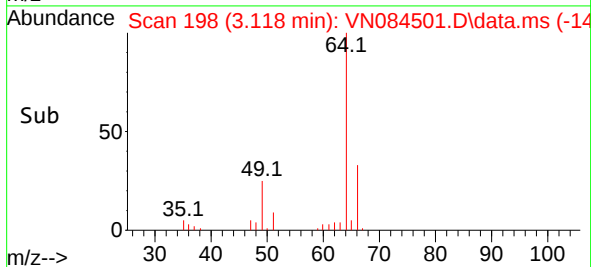
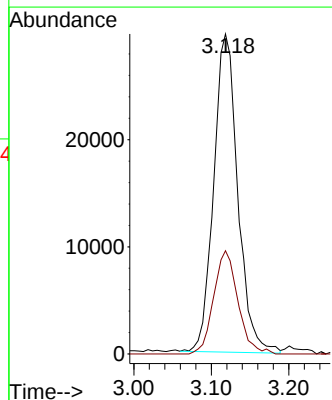
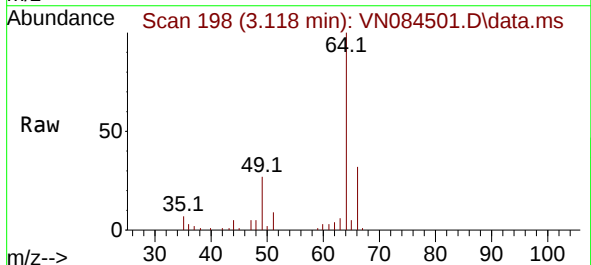
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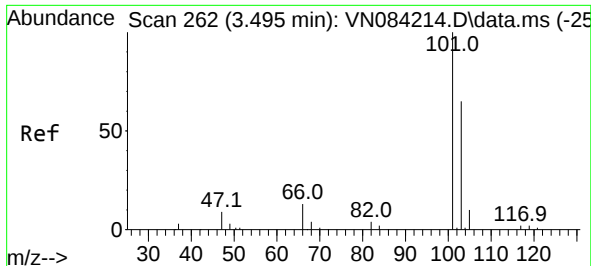
Tgt Ion: 94 Resp: 62210
Ion Ratio Lower Upper
94 100
96 96.4 72.9 109.3



#6
Chloroethane
Concen: 36.826 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 64 Resp: 64065
Ion Ratio Lower Upper
64 100
66 32.5 23.5 35.3

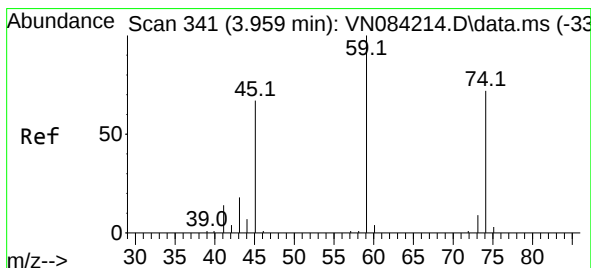
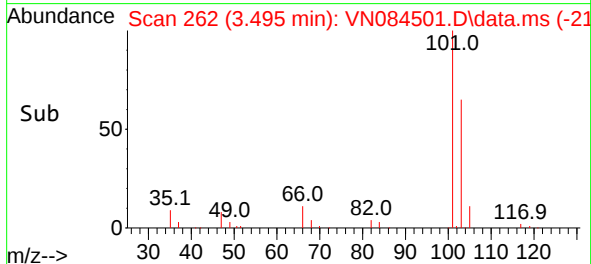
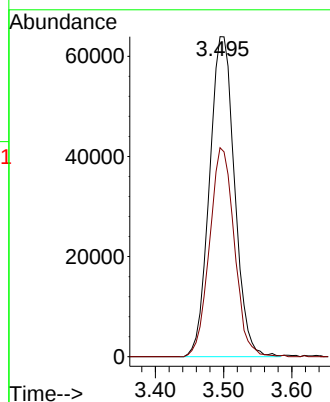
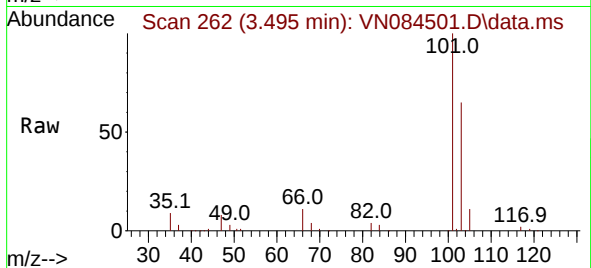




#7
 Trichlorofluoromethane
 Concen: 43.296 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

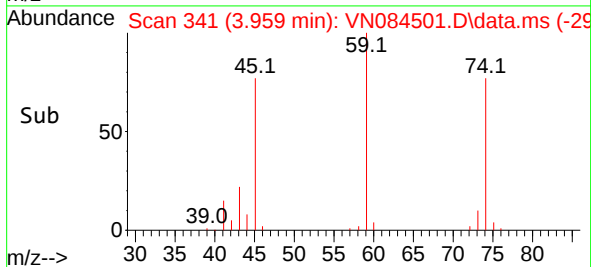
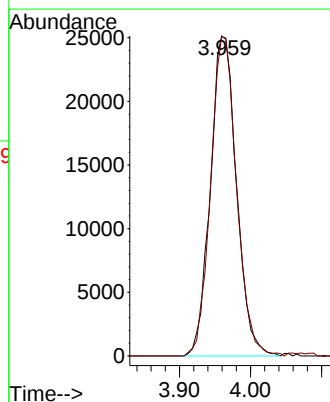
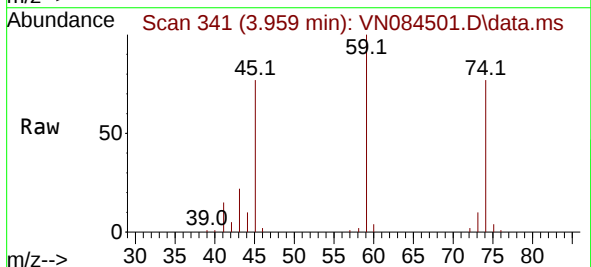
Instrument :
 MSVOA_N
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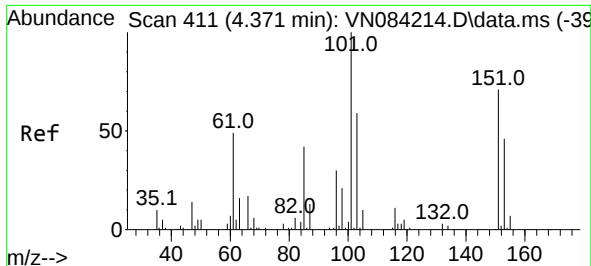
Tgt Ion:101 Resp: 163772
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6



#8
 Diethyl Ether
 Concen: 45.748 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084501.D
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Tgt Ion: 74 Resp: 64180
 Ion Ratio Lower Upper
 74 100
 45 99.0 47.7 143.1

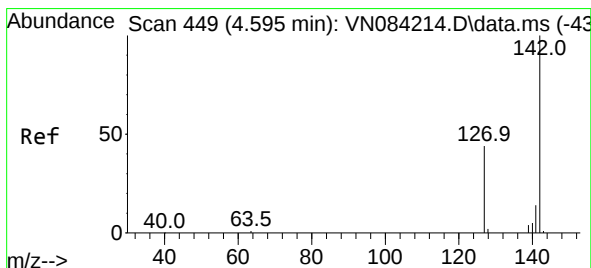
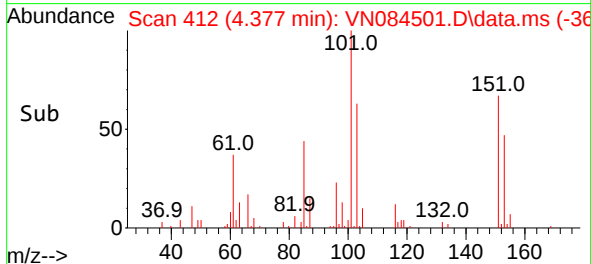
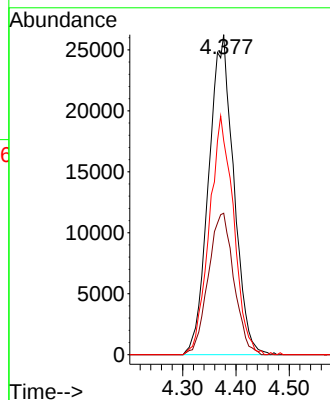
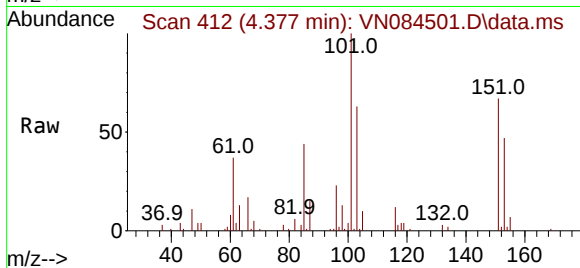




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.539 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

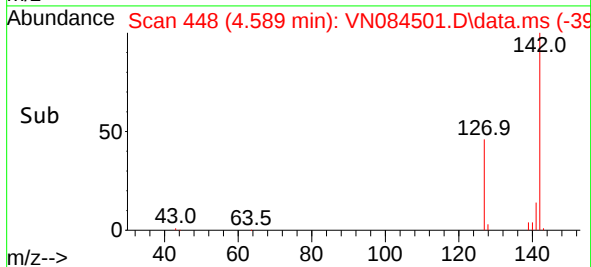
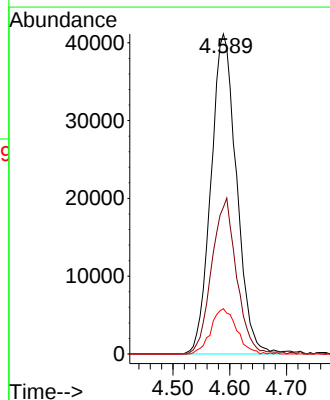
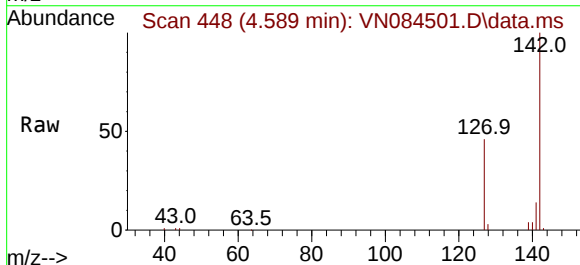
Instrument :
MSVOA_N
ClientSampleId :

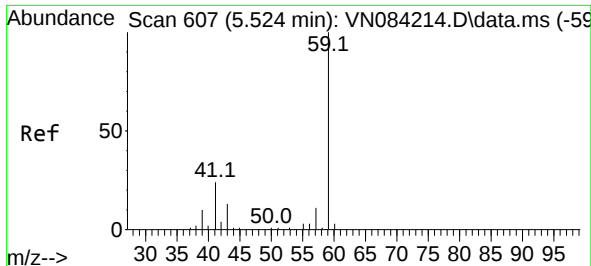
Tgt Ion:101 Resp: 85696
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.4
151 72.3 59.3 88.9



#10
Methyl Iodide
Concen: 46.015 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:142 Resp: 128435
Ion Ratio Lower Upper
142 100
127 45.9 35.3 52.9
141 14.2 11.0 16.6

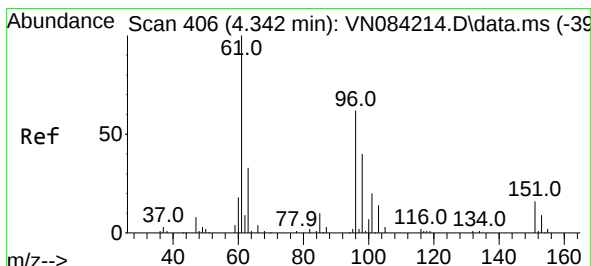
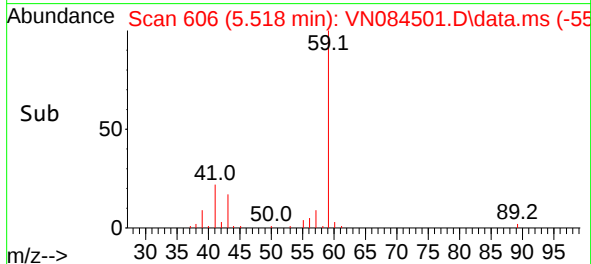
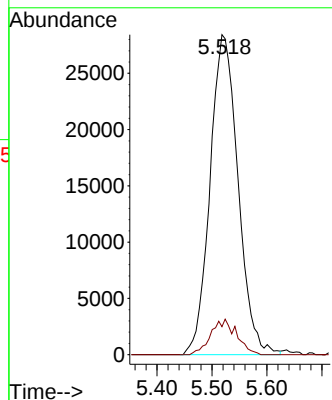
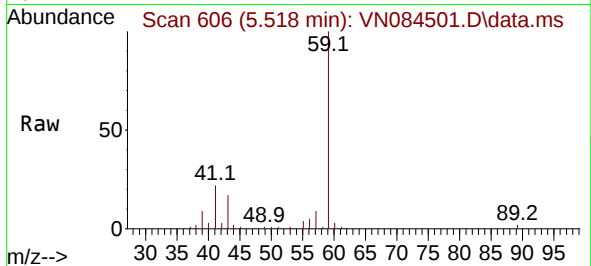




#11
Tert butyl alcohol
Concen: 221.601 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

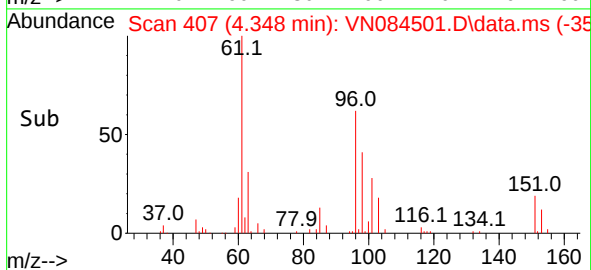
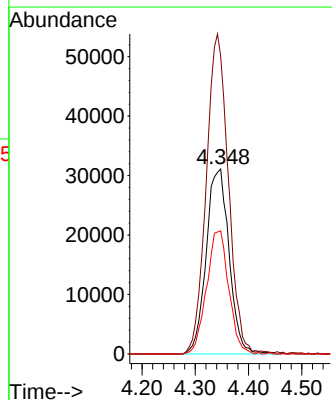
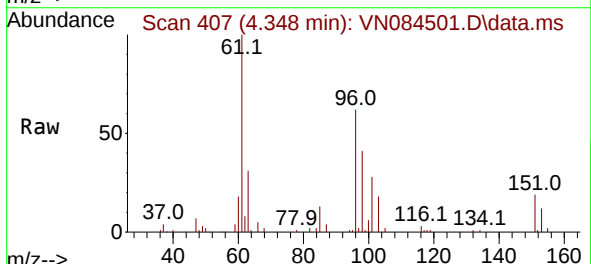
Instrument :
MSVOA_N
ClientSampleId :

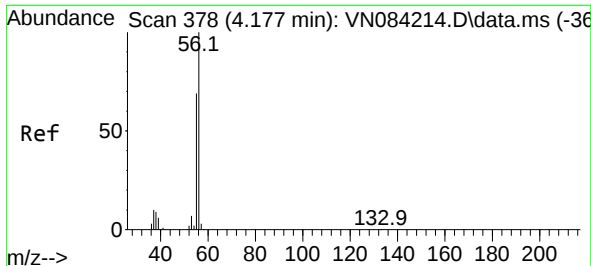
Tgt Ion: 59 Resp: 100595
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.482 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

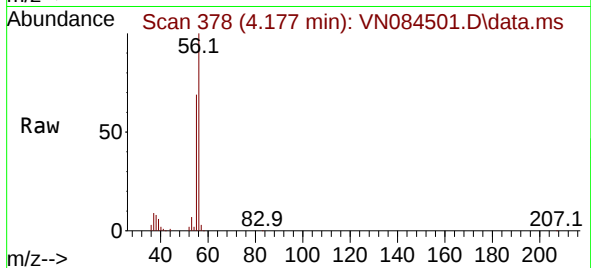
Tgt Ion: 96 Resp: 92993
Ion Ratio Lower Upper
96 100
61 161.2 128.6 192.8
98 66.6 51.7 77.5



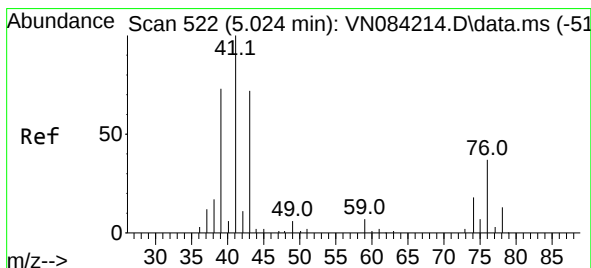
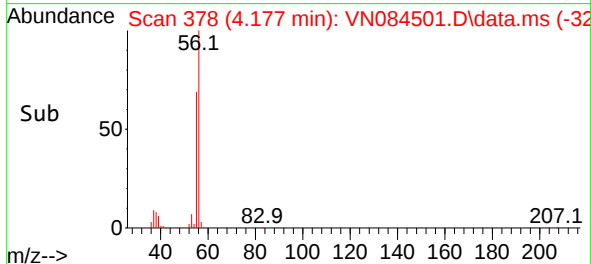
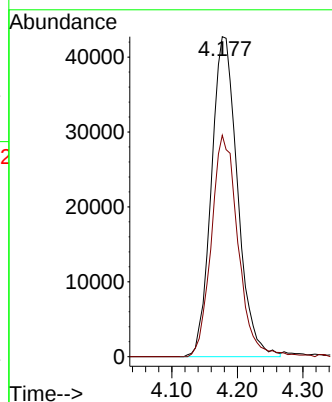


#13
Acrolein
Concen: 227.339 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

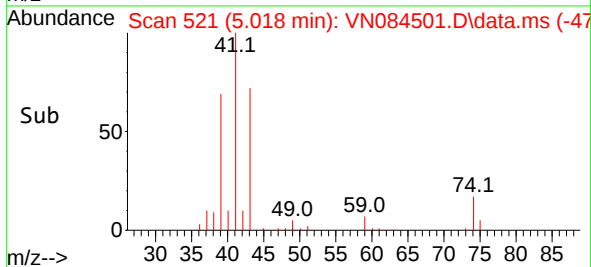
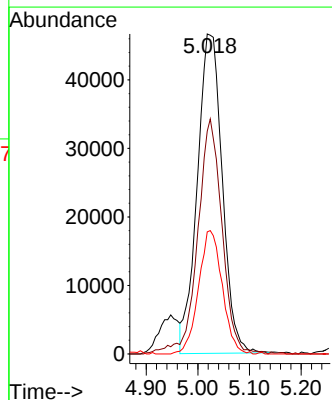
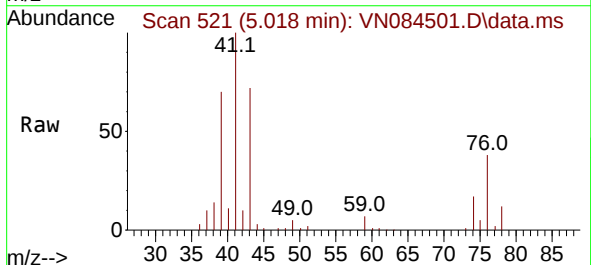


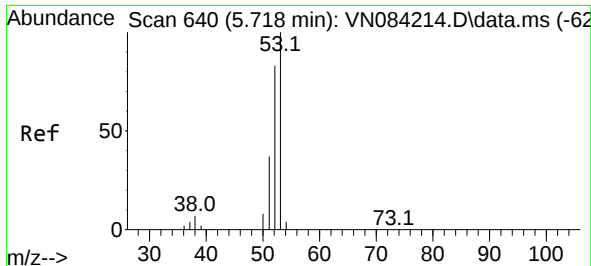
Tgt Ion: 56 Resp: 118475
Ion Ratio Lower Upper
56 100
55 70.5 57.2 85.8



#14
Allyl chloride
Concen: 43.134 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

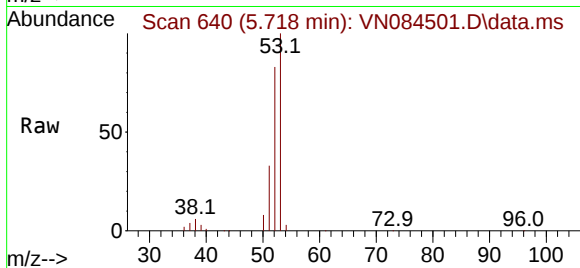
Tgt Ion: 41 Resp: 156611
Ion Ratio Lower Upper
41 100
39 71.7 59.0 88.6
76 36.6 29.8 44.6



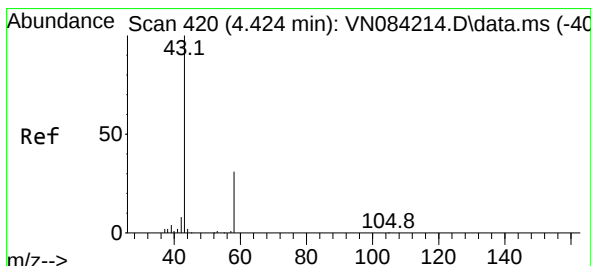
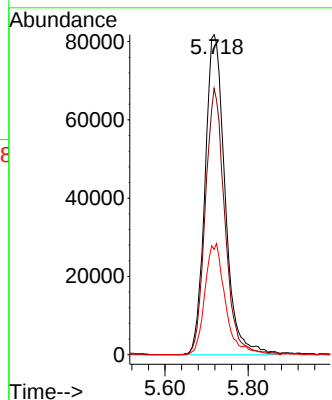
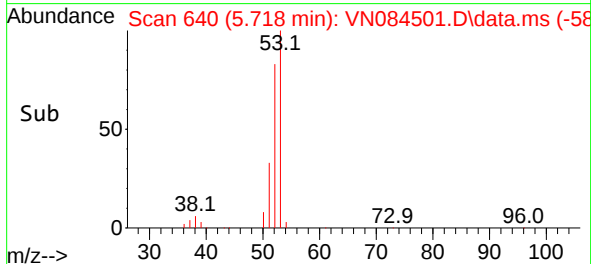


#15
Acrylonitrile
Concen: 239.417 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

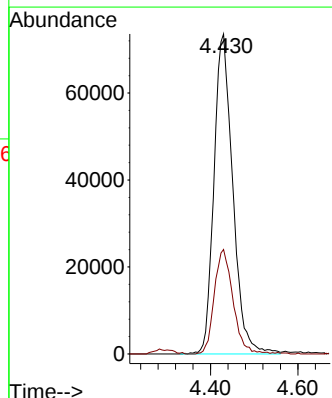
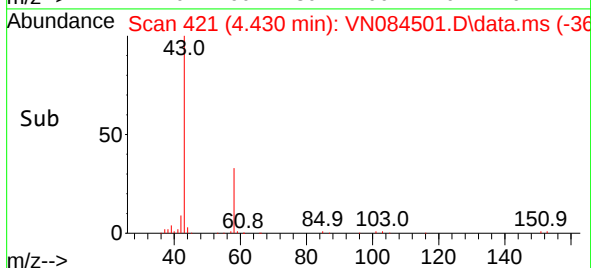
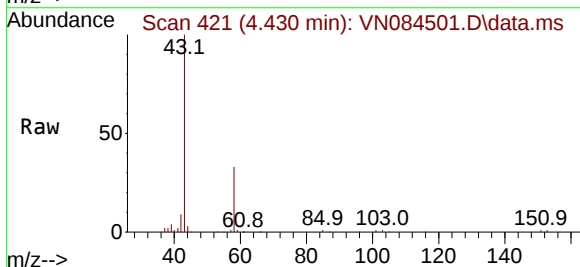


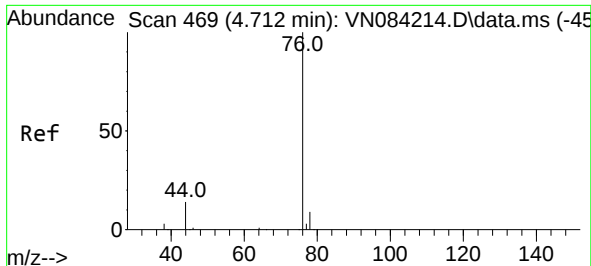
Tgt Ion: 53 Resp: 274454
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 35.4 28.8 43.2



#16
Acetone
Concen: 185.613 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 43 Resp: 219511
Ion Ratio Lower Upper
43 100
58 32.4 24.4 36.6

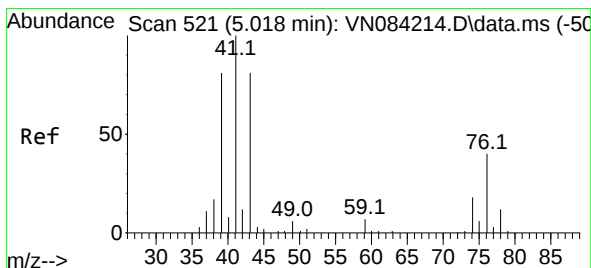
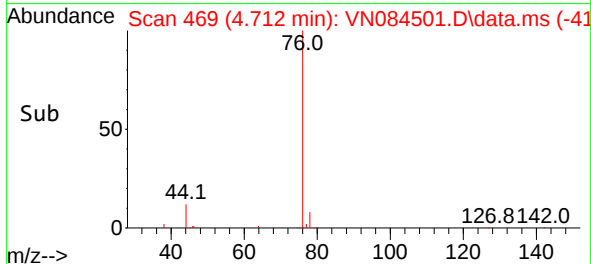
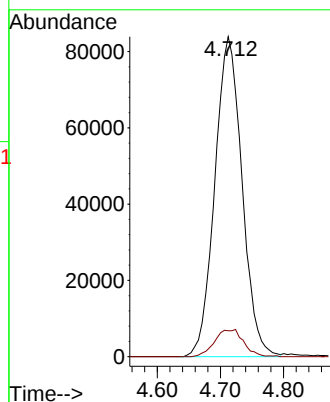
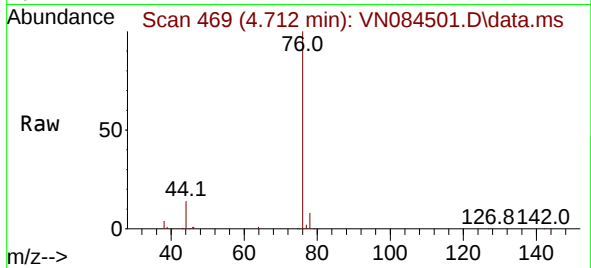




#17
Carbon Disulfide
Concen: 37.937 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

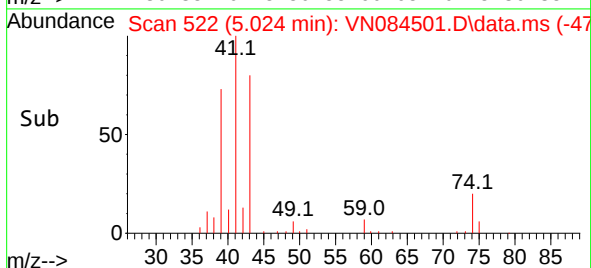
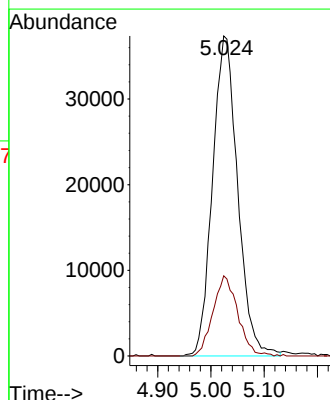
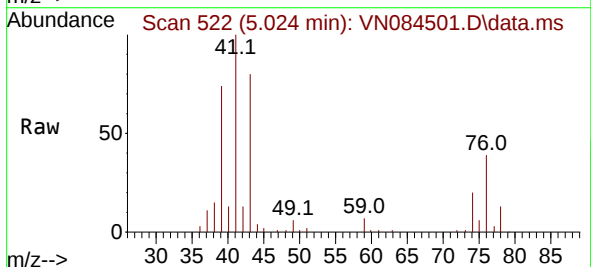
Instrument :
MSVOA_N
ClientSampleId :

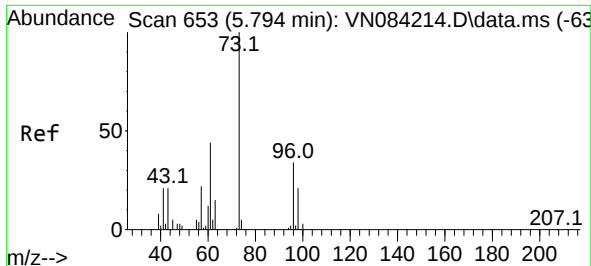
Tgt Ion: 76 Resp: 251101
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 47.501 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 43 Resp: 122439
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8

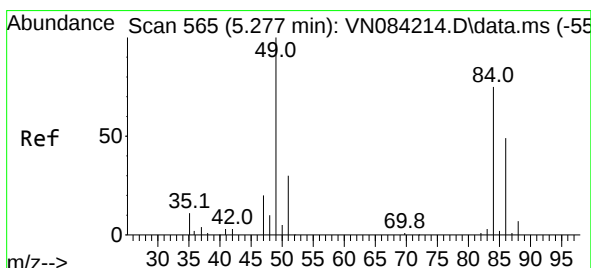
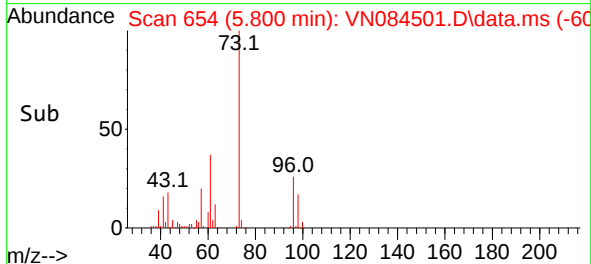
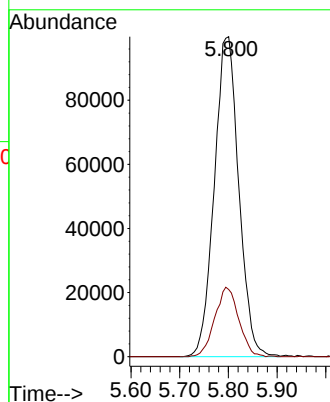
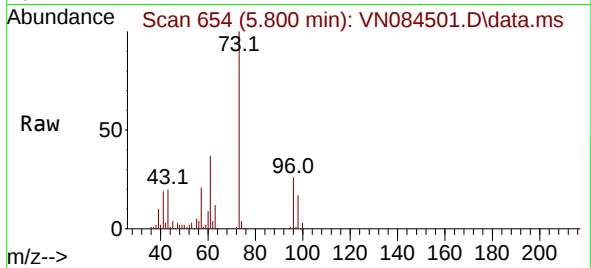




#19
Methyl tert-butyl Ether
Concen: 49.378 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

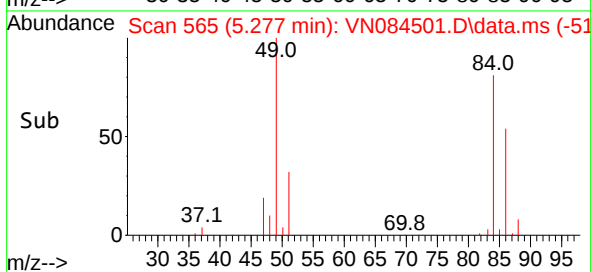
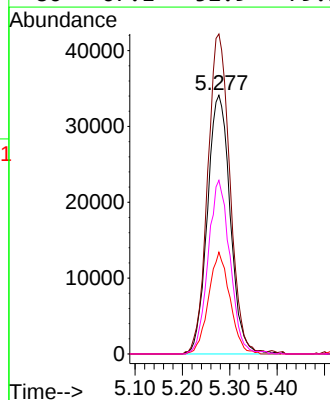
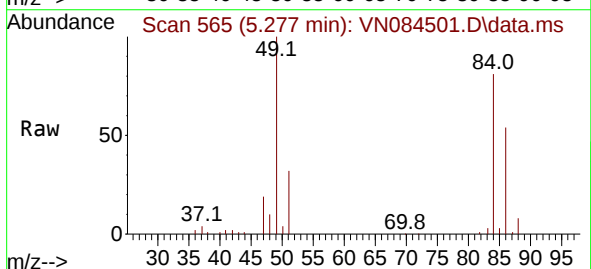
Instrument :
MSVOA_N
ClientSampleId :

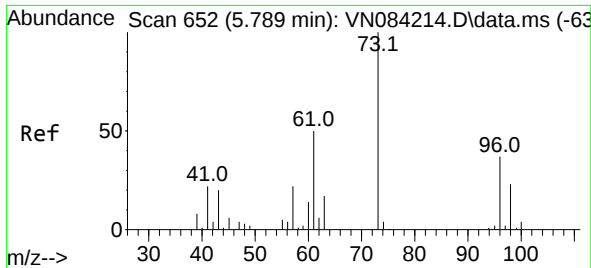
Tgt Ion: 73 Resp: 348412
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 47.499 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 84 Resp: 114188
Ion Ratio Lower Upper
84 100
49 123.7 107.2 160.8
51 39.4 31.8 47.8
86 67.1 52.9 79.3

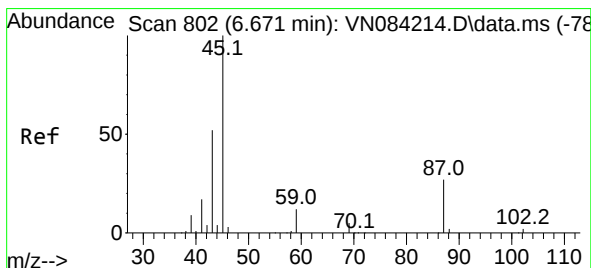
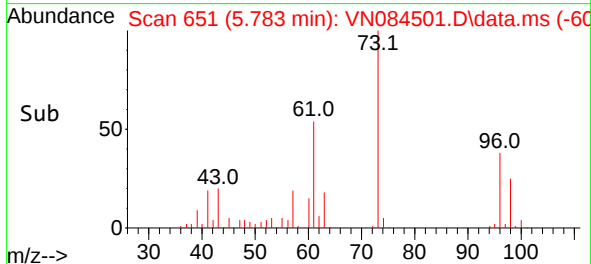
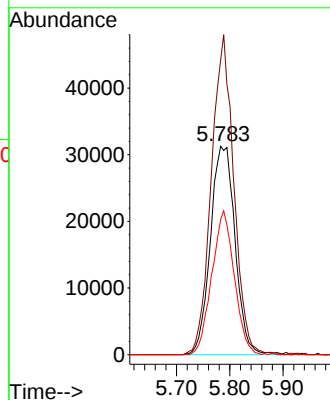
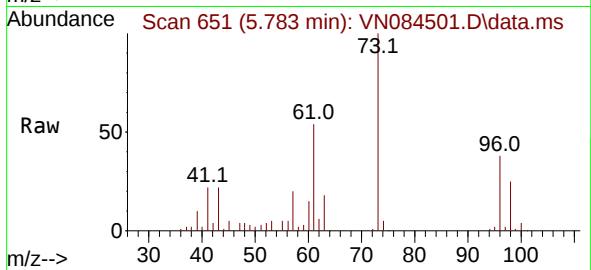




#21
trans-1,2-Dichloroethene
Concen: 45.955 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

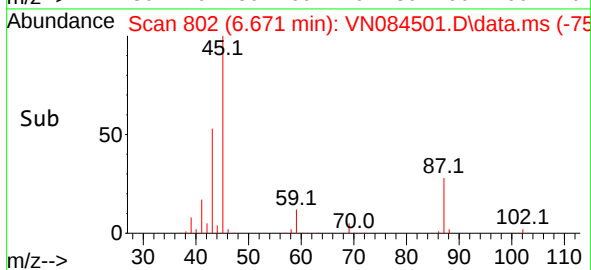
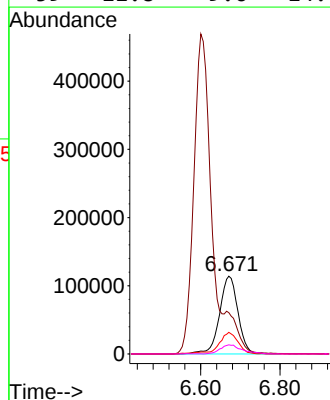
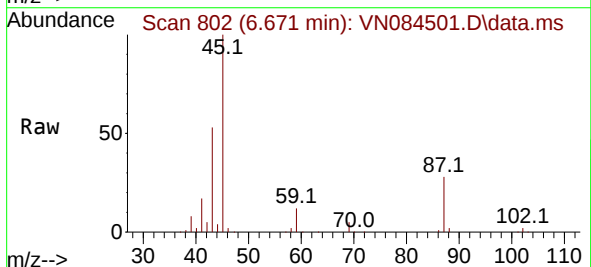
Instrument :
MSVOA_N
ClientSampleId :

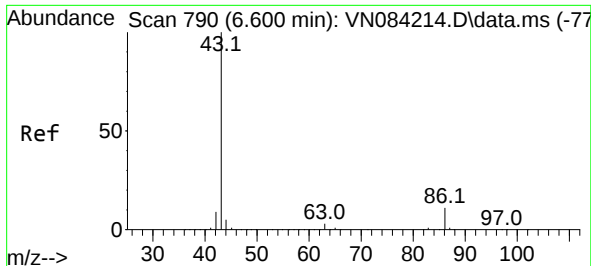
Tgt Ion: 96 Resp: 100652
Ion Ratio Lower Upper
96 100
61 141.5 108.4 162.6
98 64.8 49.8 74.8



#22
Diisopropyl ether
Concen: 48.909 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 45 Resp: 367308
Ion Ratio Lower Upper
45 100
43 52.4 42.3 63.5
87 27.8 21.8 32.6
59 11.8 9.6 14.4

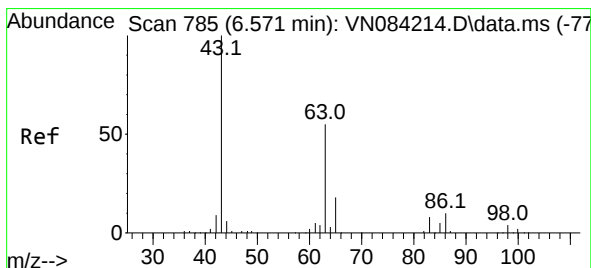
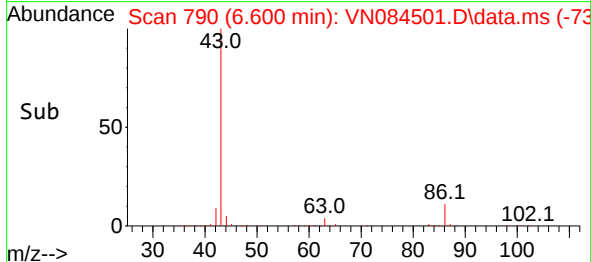
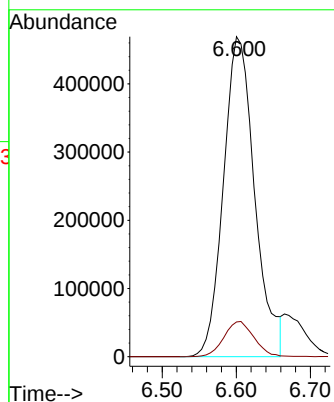
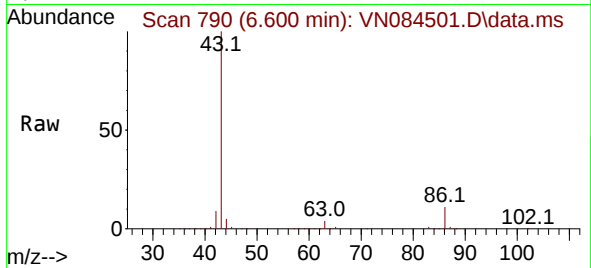




#23
 Vinyl Acetate
 Concen: 246.683 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

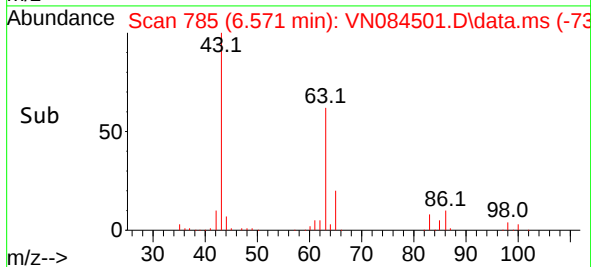
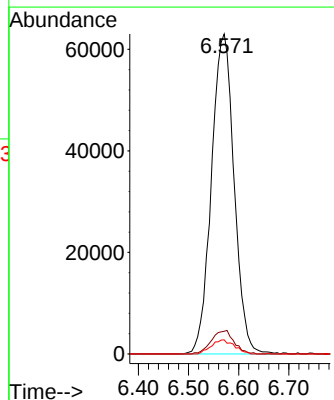
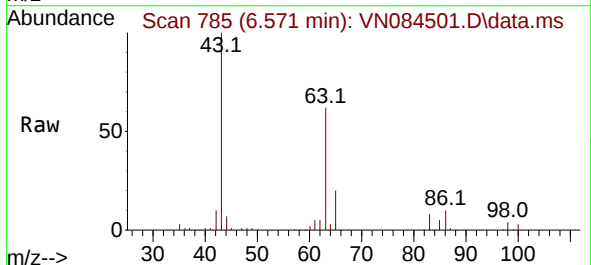
Instrument :
 MSVOA_N
 ClientSampleId :

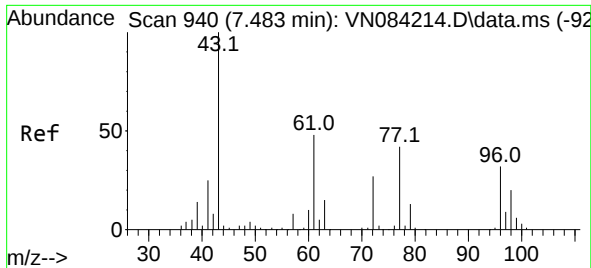
Tgt Ion: 43 Resp: 1374069
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.116 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

Tgt Ion: 63 Resp: 197876
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.4 2.0 5.8

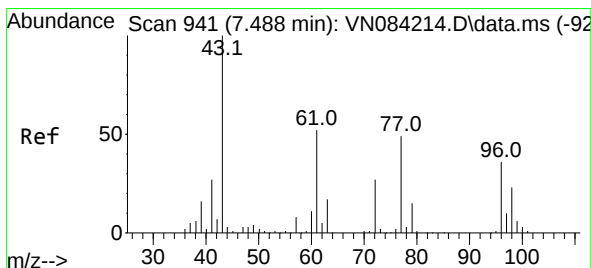
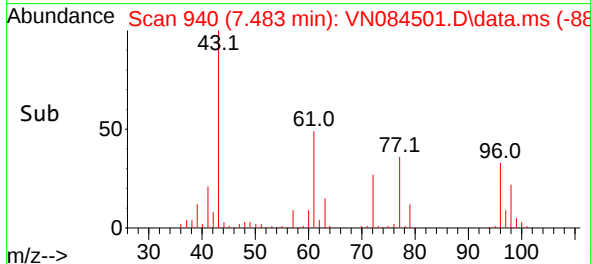
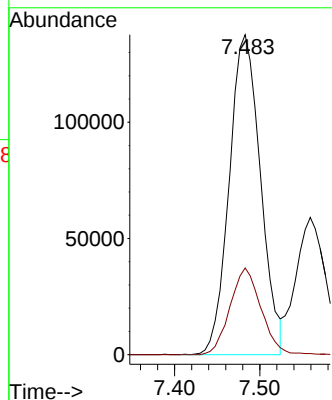
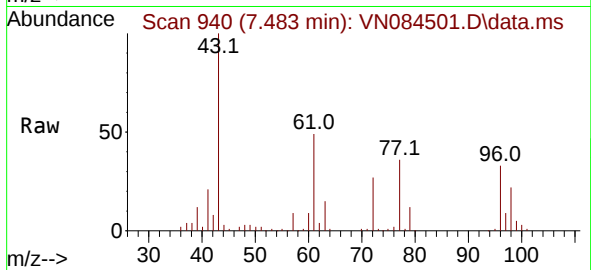




#25
2-Butanone
Concen: 217.963 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

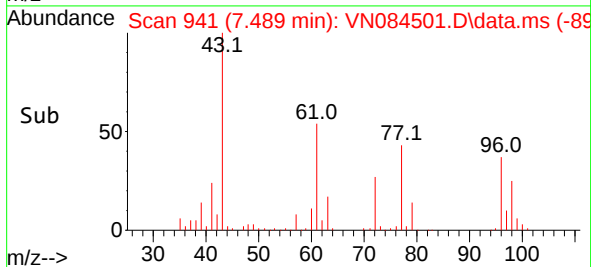
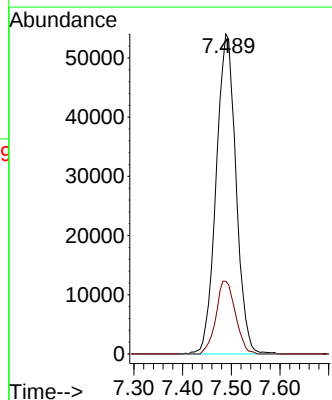
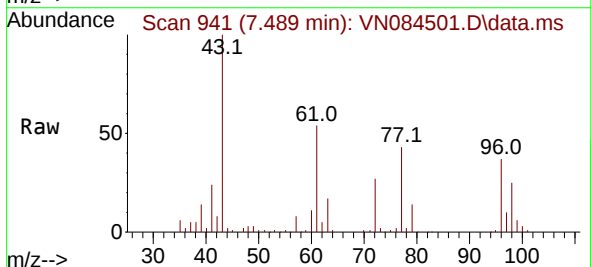
Instrument :
MSVOA_N
ClientSampleId :

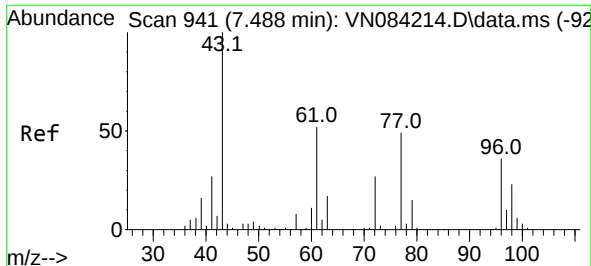
Tgt Ion: 43 Resp: 351086
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 40.453 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 77 Resp: 153184
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3



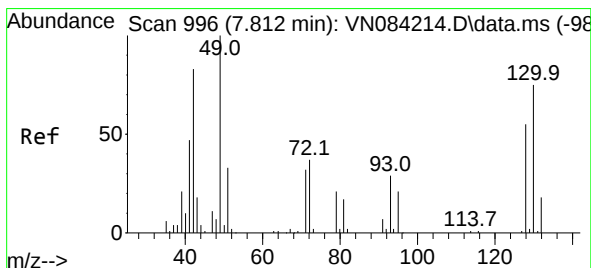
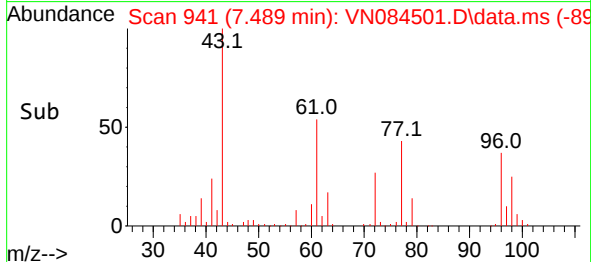
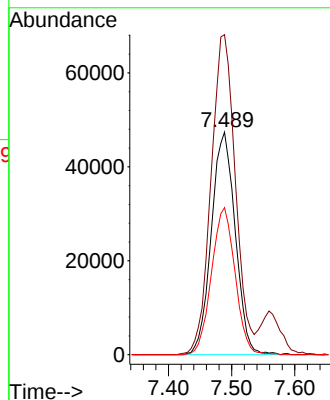
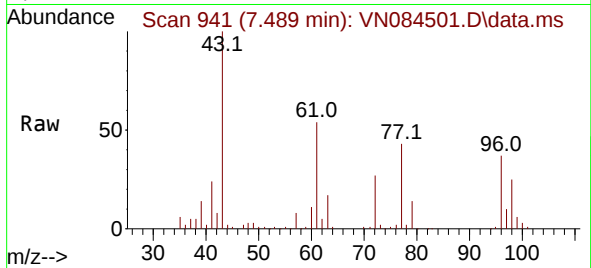


#27
 cis-1,2-Dichloroethene
 Concen: 47.147 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 124783

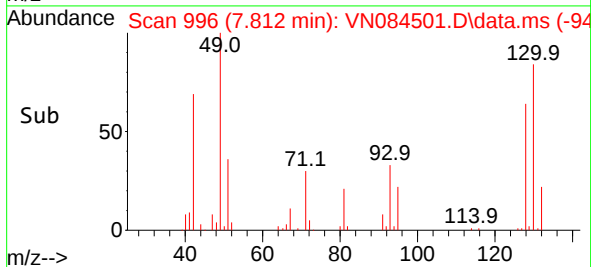
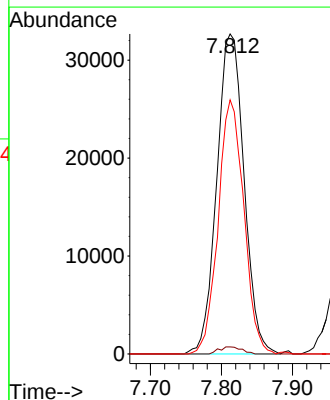
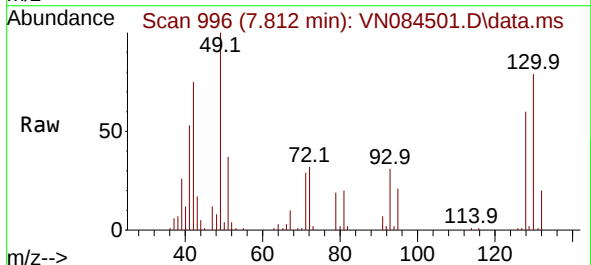
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	301.8
98	65.2	0.0	128.2

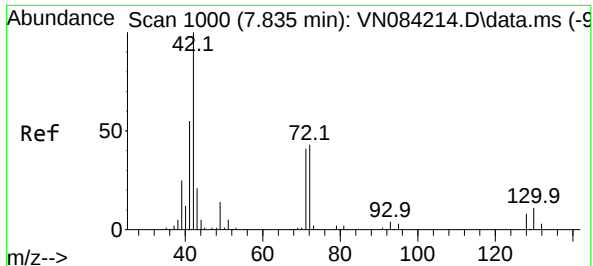


#28
 Bromochloromethane
 Concen: 46.465 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

Tgt Ion: 49 Resp: 87069

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	74.6	58.0	87.0





#29

Tetrahydrofuran

Concen: 235.645 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

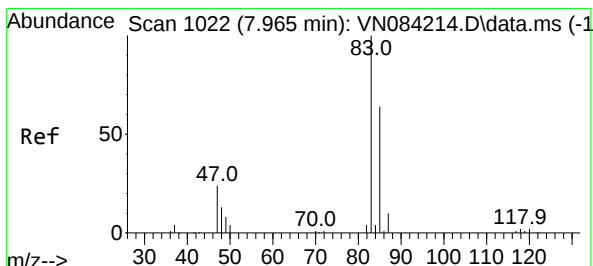
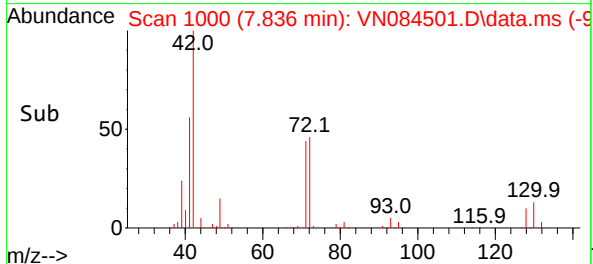
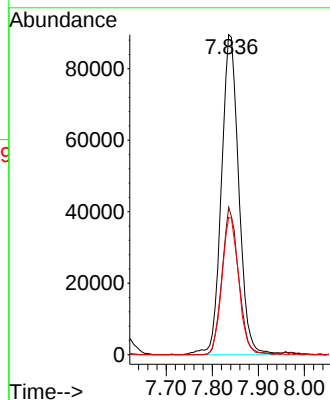
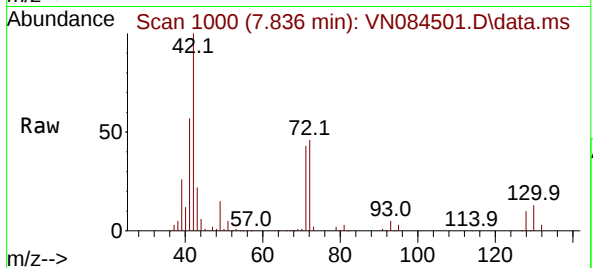
Tgt Ion: 42 Resp: 234237

Ion Ratio Lower Upper

42 100

72 43.8 34.6 51.8

71 41.7 32.2 48.4



#30

Chloroform

Concen: 47.890 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084501.D

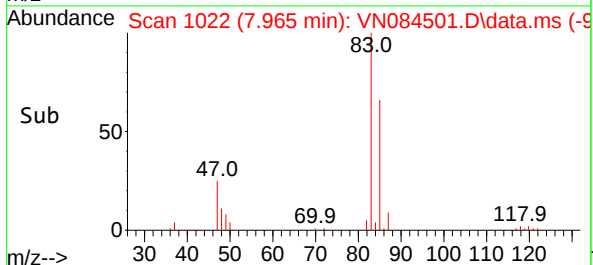
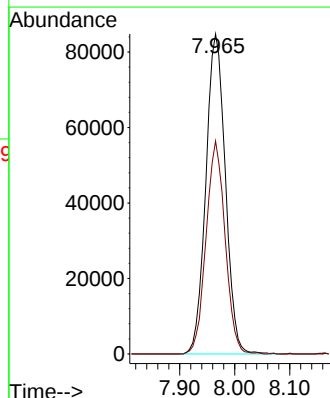
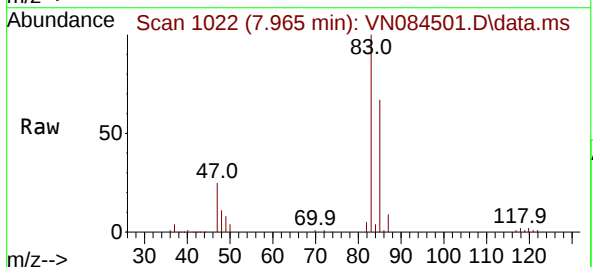
Acq: 24 Oct 2024 20:21

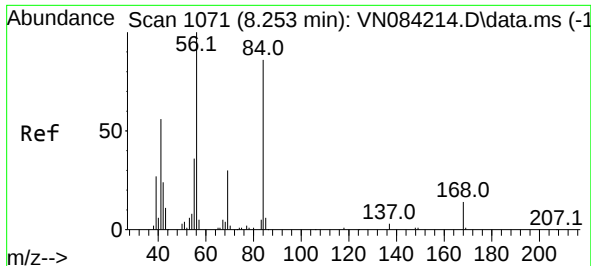
Tgt Ion: 83 Resp: 208919

Ion Ratio Lower Upper

83 100

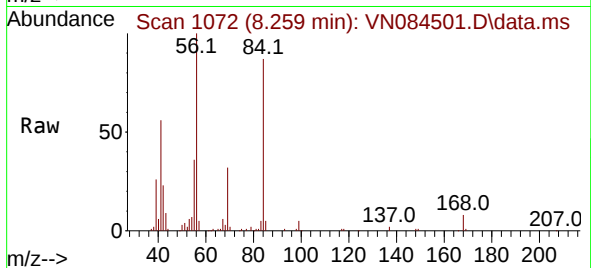
85 66.6 51.0 76.4



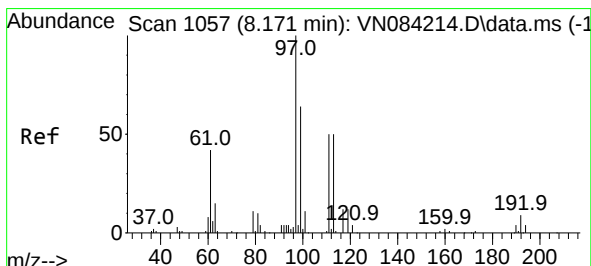
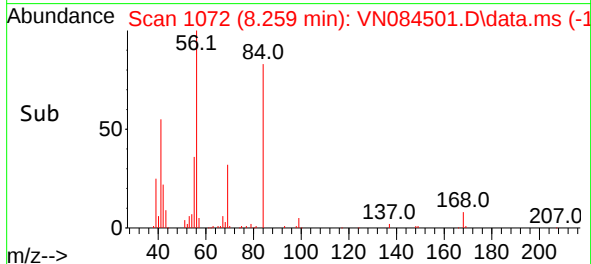
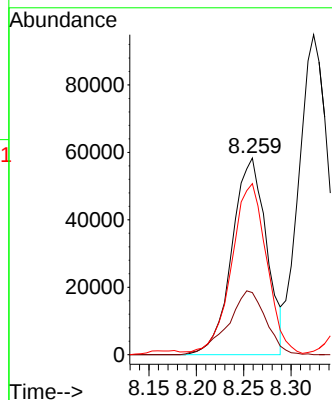


#31
Cyclohexane
Concen: 36.263 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

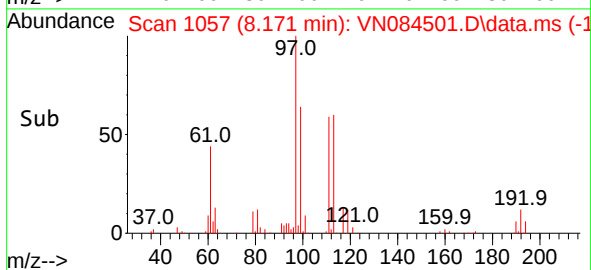
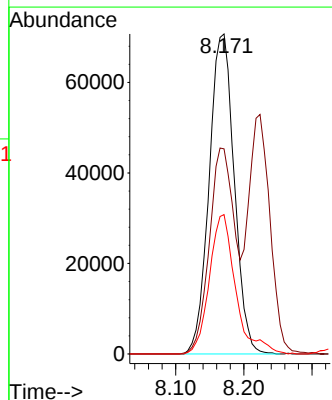
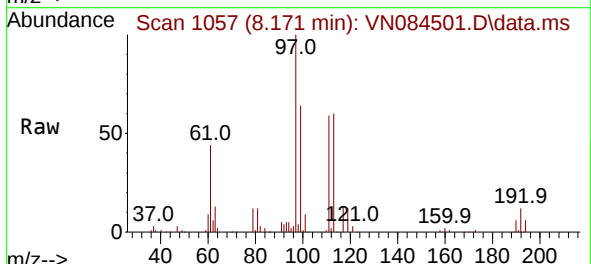


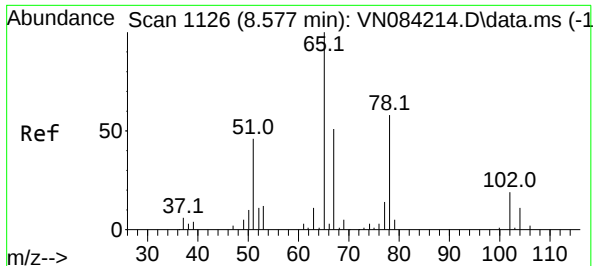
Tgt Ion: 56 Resp: 147871
Ion Ratio Lower Upper
56 100
69 31.6 23.8 35.6
84 85.6 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 46.192 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 97 Resp: 180979
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.7 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 48.194 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

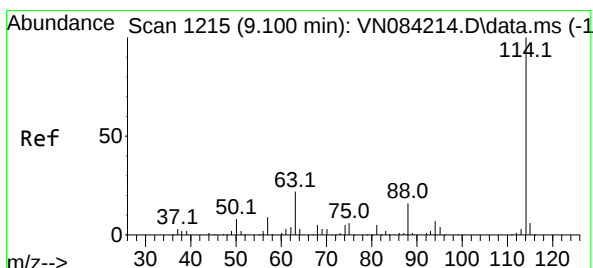
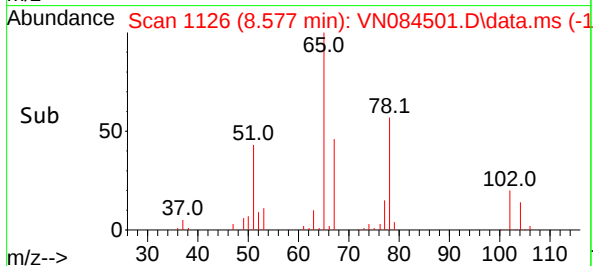
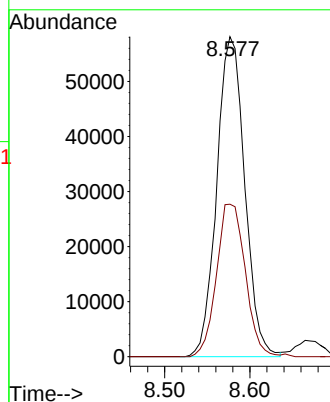
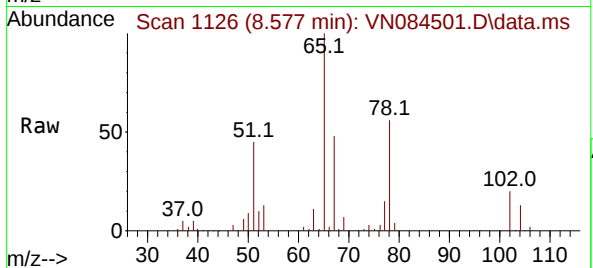
ClientSampleId :

Tgt Ion: 65 Resp: 132677

Ion Ratio Lower Upper

65 100

67 49.2 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: VN084501.D

Acq: 24 Oct 2024 20:21

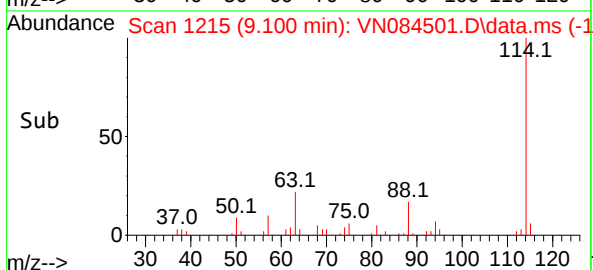
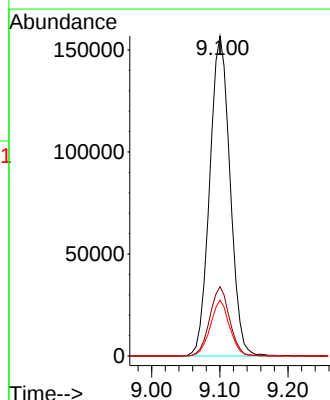
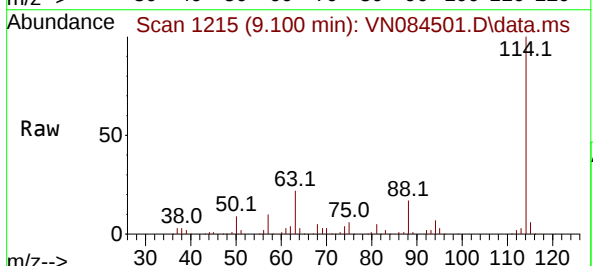
Tgt Ion: 114 Resp: 325274

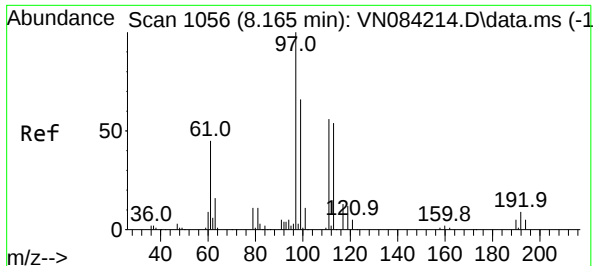
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 17.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.374 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

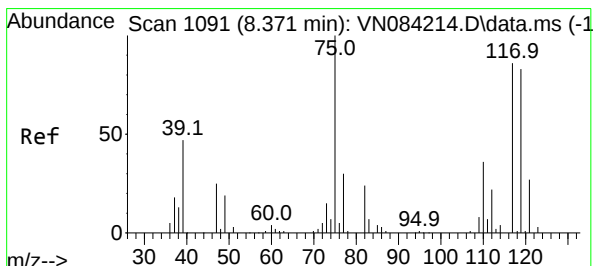
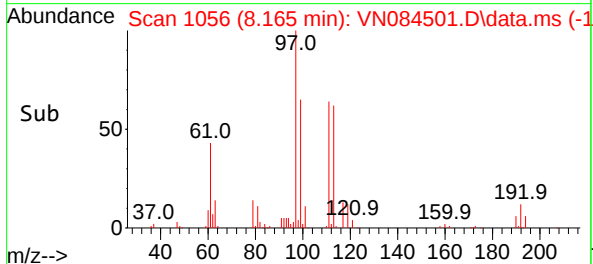
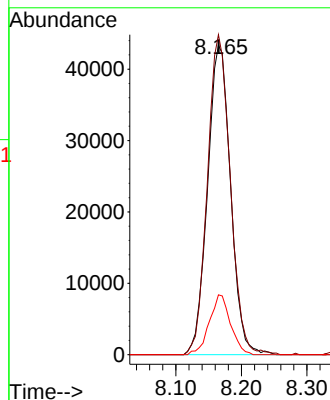
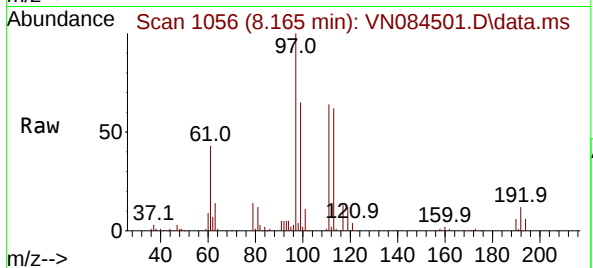
Tgt Ion:113 Resp: 105878

Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 17.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 43.006 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

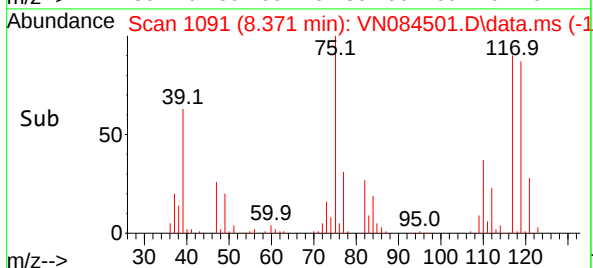
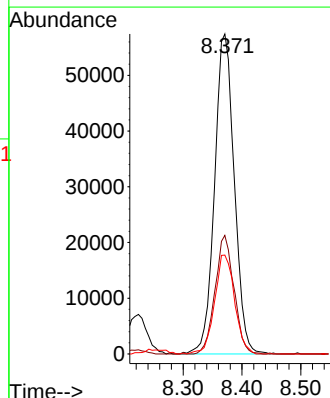
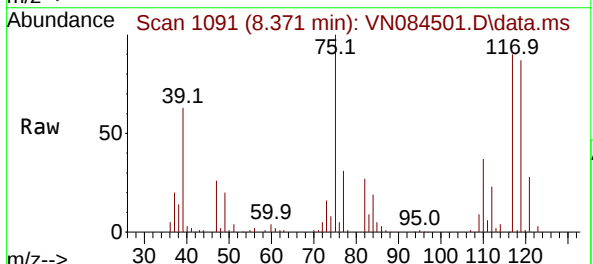
Tgt Ion: 75 Resp: 133955

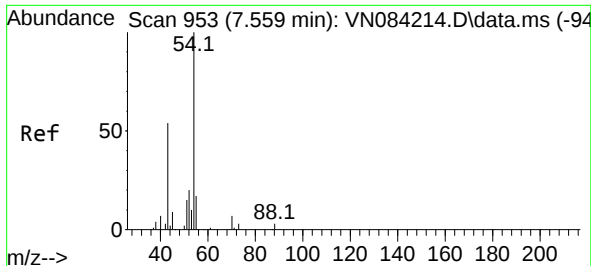
Ion Ratio Lower Upper

75 100

110 35.5 16.9 50.7

77 31.4 24.7 37.1

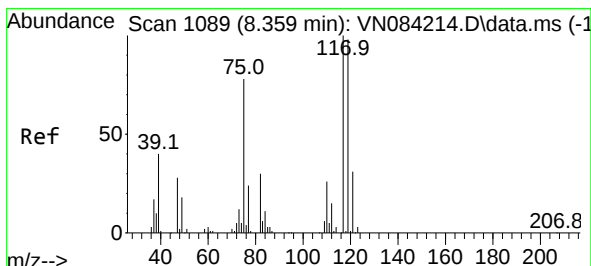
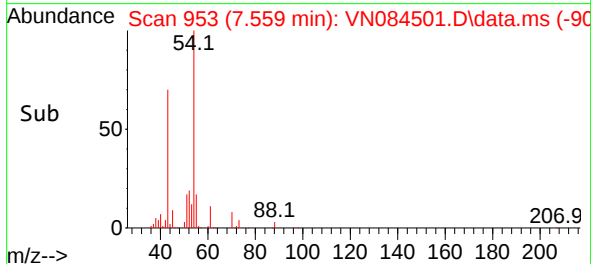
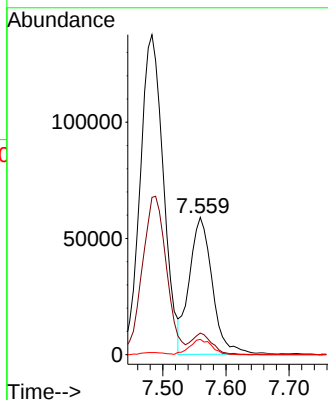
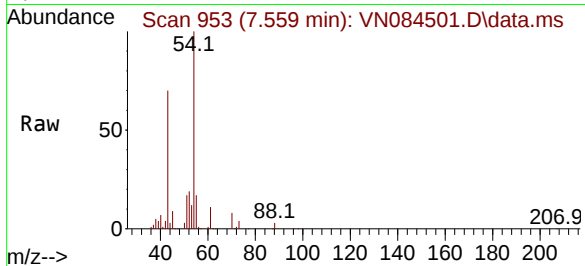




#37
Ethyl Acetate
Concen: 46.688 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

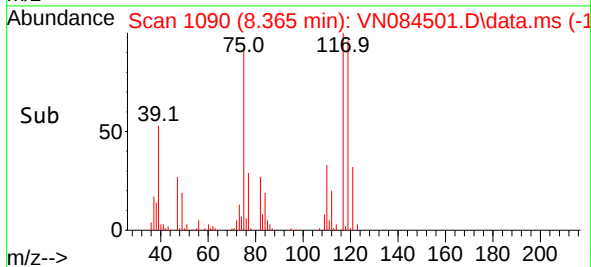
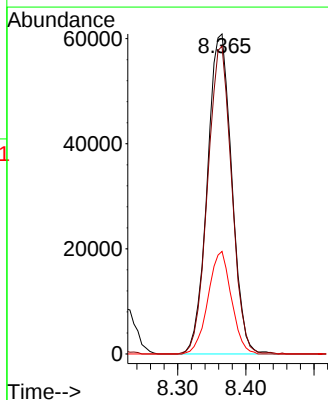
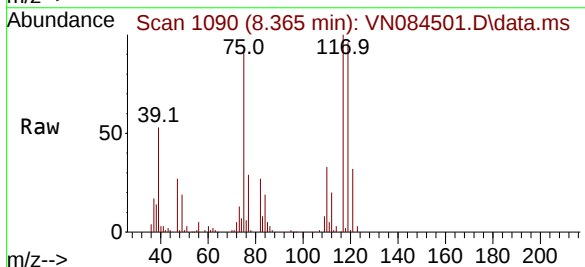
Instrument :
MSVOA_N
ClientSampleId :

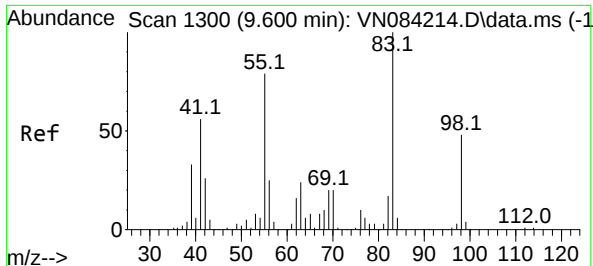
Tgt Ion: 43 Resp: 149195
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 44.359 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 117 Resp: 151565
Ion Ratio Lower Upper
117 100
119 96.2 78.7 118.1
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 38.778 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

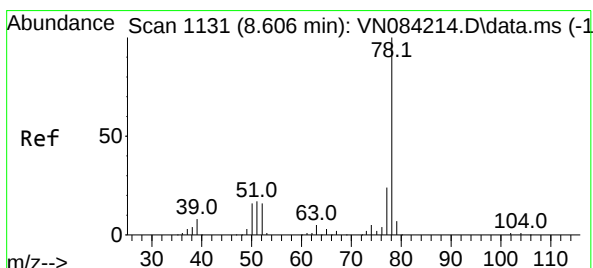
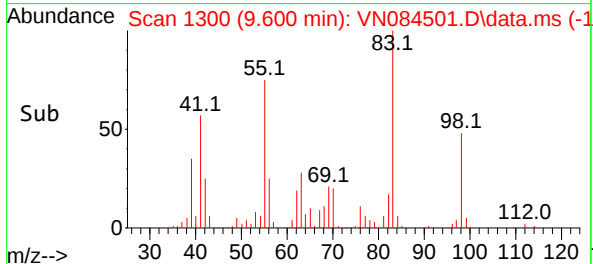
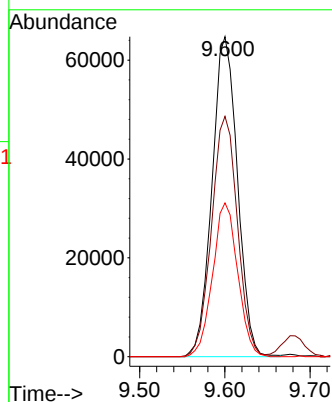
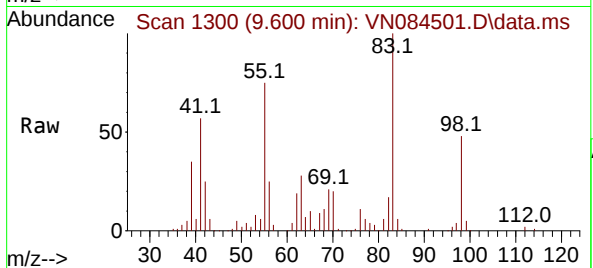
Tgt Ion: 83 Resp: 134433

Ion Ratio Lower Upper

83 100

55 75.1 62.8 94.2

98 48.1 38.8 58.2



#40

Benzene

Concen: 46.412 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084501.D

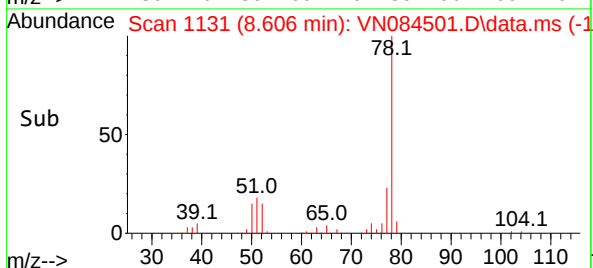
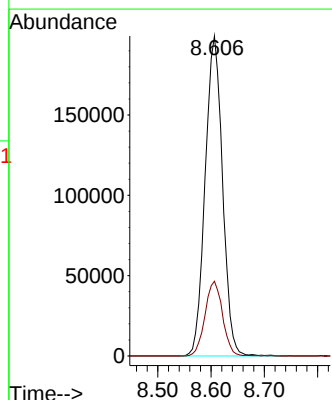
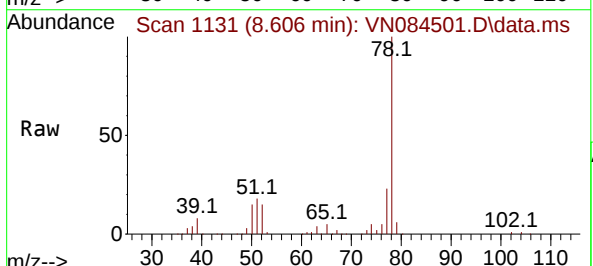
Acq: 24 Oct 2024 20:21

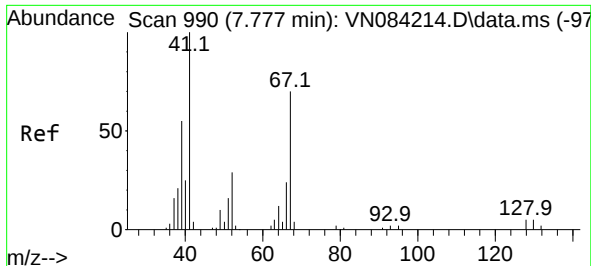
Tgt Ion: 78 Resp: 450414

Ion Ratio Lower Upper

78 100

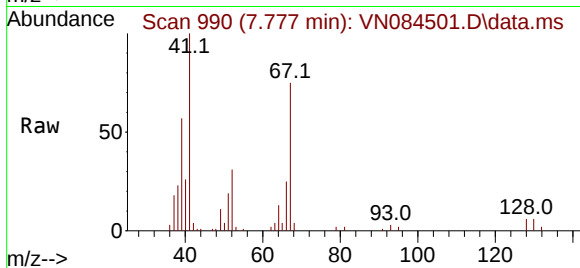
77 23.4 19.1 28.7



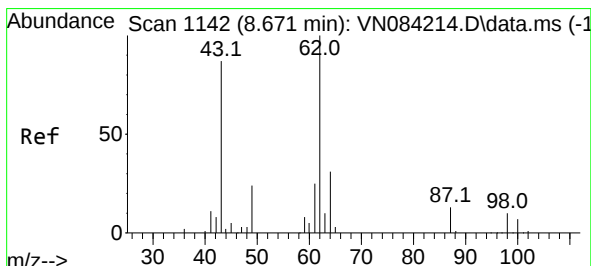
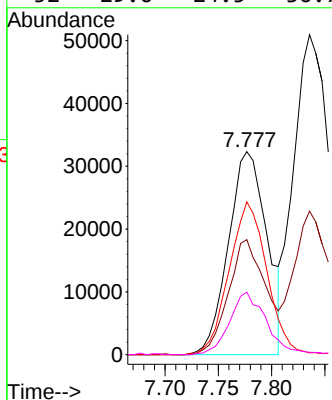
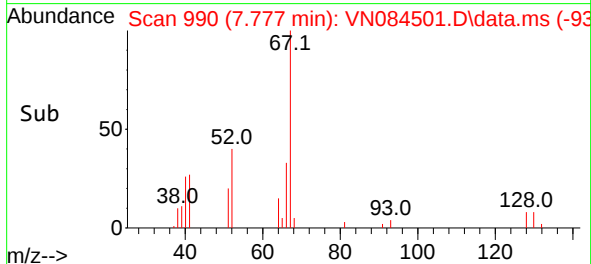


#41
Methacrylonitrile
Concen: 47.146 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

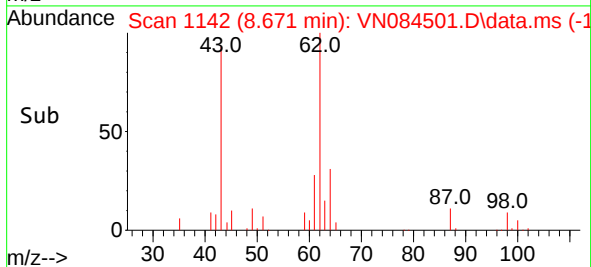
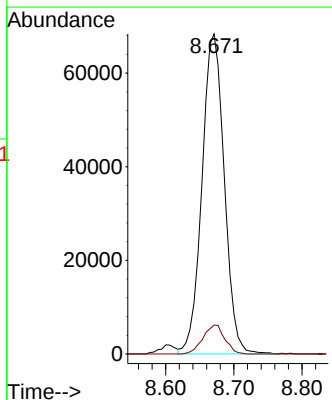
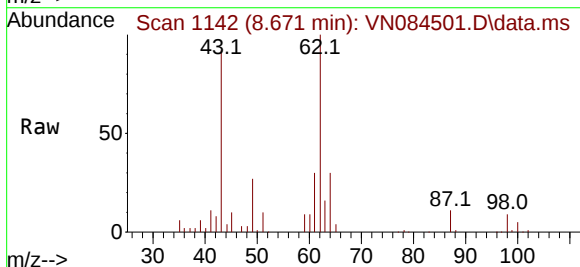


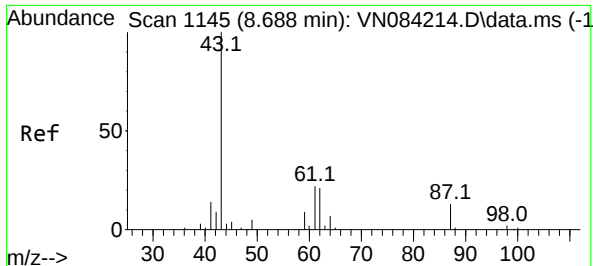
Tgt Ion:	41	Resp:	81790
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.3	64.9
67	73.7	56.1	84.1
52	29.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 47.320 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:	62	Resp:	155684
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2

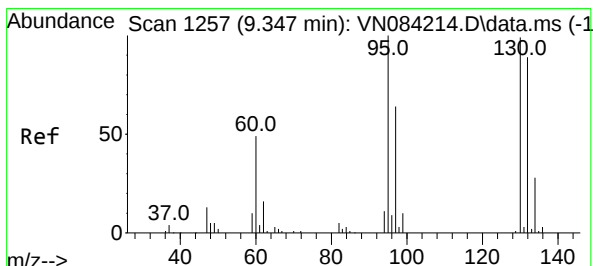
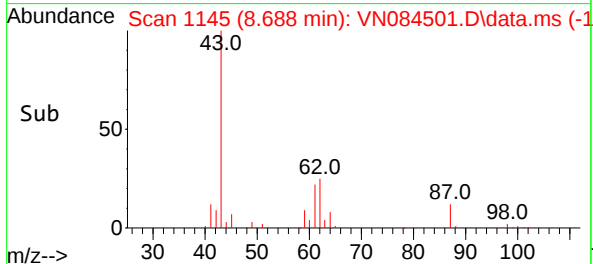
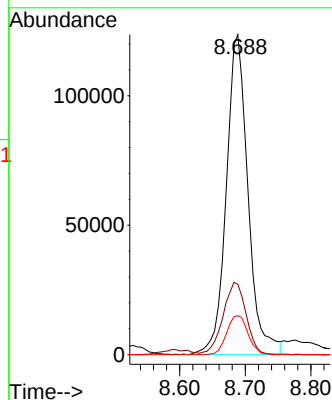
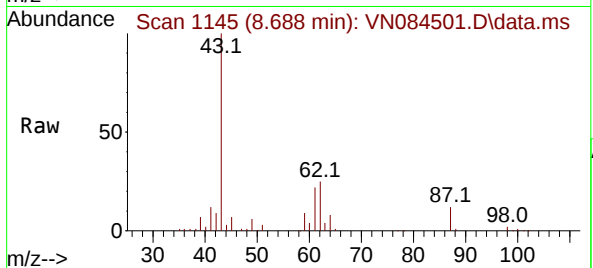




#43
Isopropyl Acetate
Concen: 45.508 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

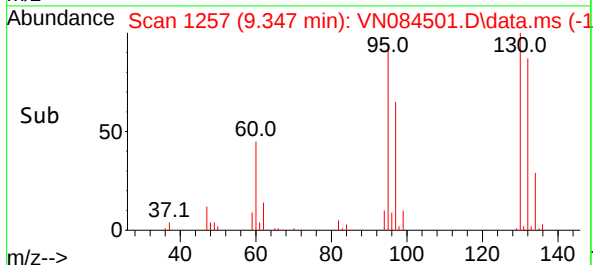
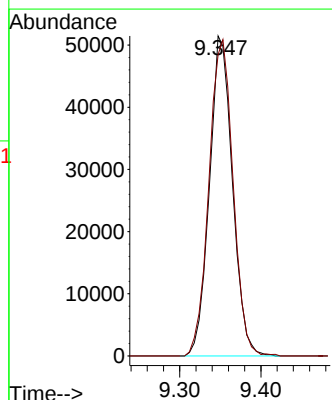
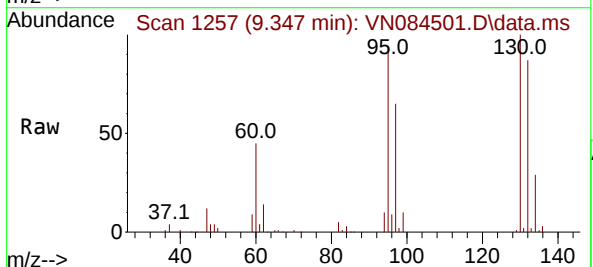
Instrument :
MSVOA_N
ClientSampleId :

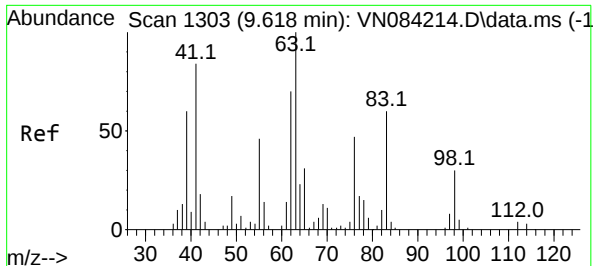
Tgt Ion: 43 Resp: 284841
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.9 10.3 15.5



#44
Trichloroethene
Concen: 44.679 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:130 Resp: 101272
Ion Ratio Lower Upper
130 100
95 94.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.164 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

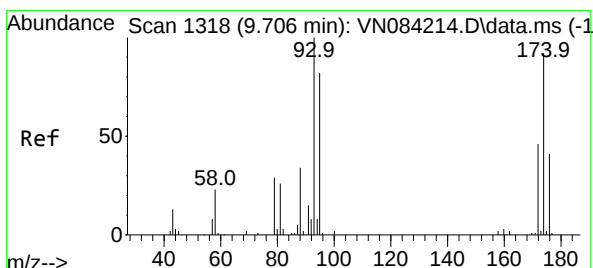
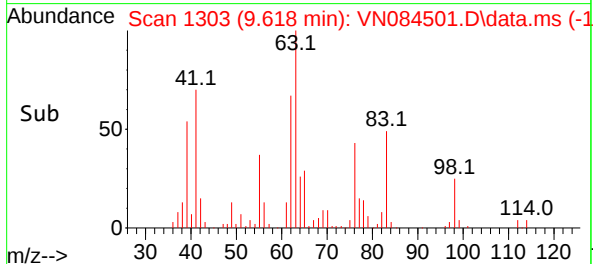
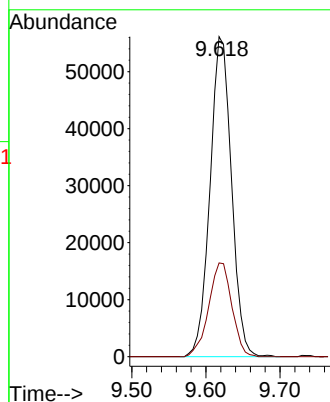
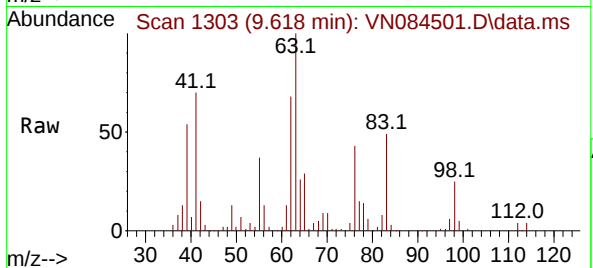
ClientSampleId :

Tgt Ion: 63 Resp: 112869

Ion Ratio Lower Upper

63 100

65 29.3 24.6 37.0



#46

Dibromomethane

Concen: 50.417 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

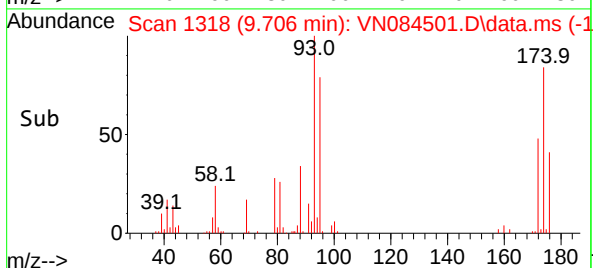
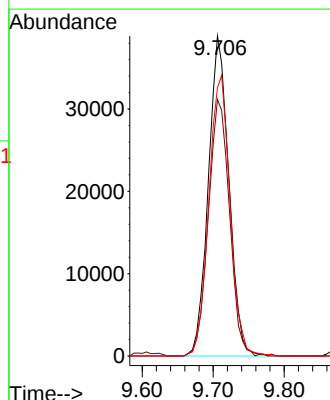
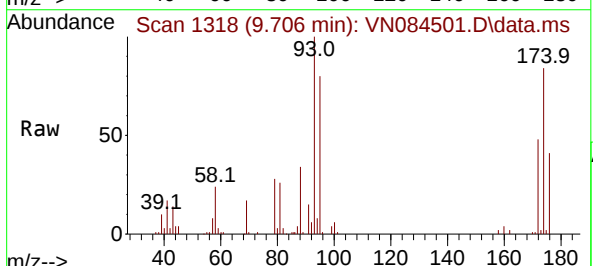
Tgt Ion: 93 Resp: 78109

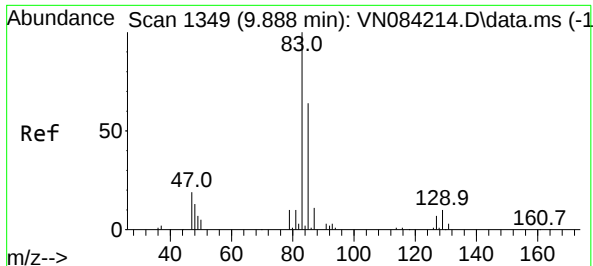
Ion Ratio Lower Upper

93 100

95 82.4 65.0 97.4

174 90.4 71.8 107.8

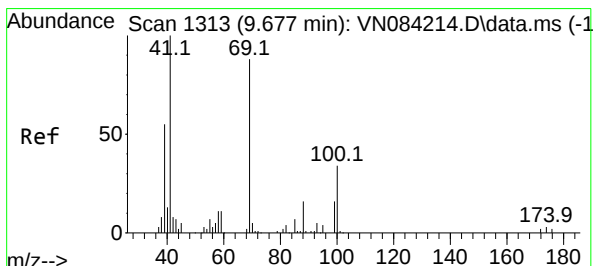
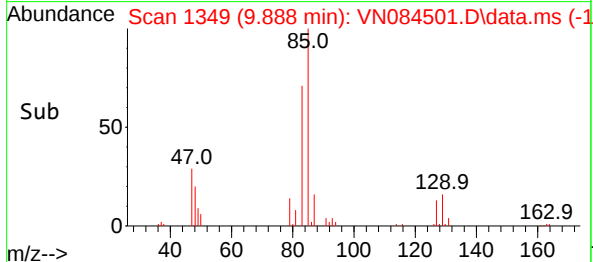
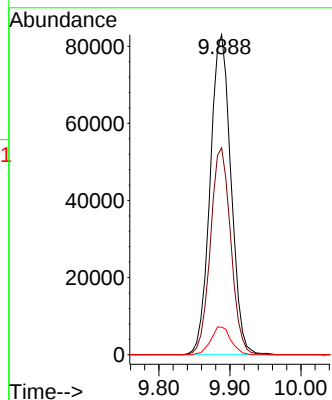
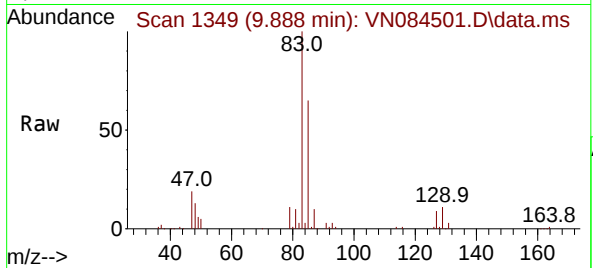




#47
Bromodichloromethane
Concen: 48.938 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

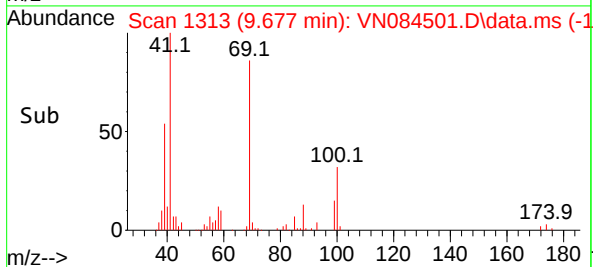
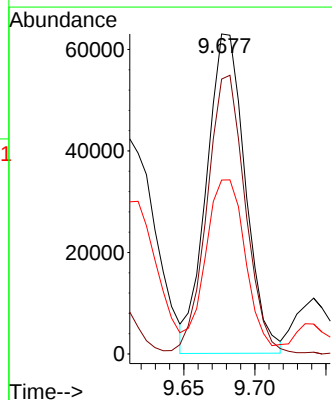
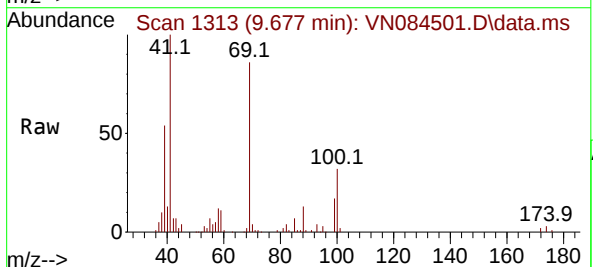
Instrument :
MSVOA_N
ClientSampleId :

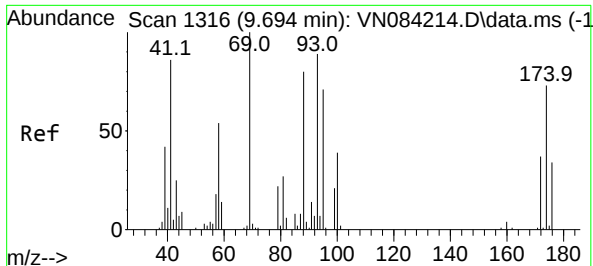
Tgt Ion: 83 Resp: 168446
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3
127 8.6 5.7 8.5#



#48
Methyl methacrylate
Concen: 47.962 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 41 Resp: 119503
Ion Ratio Lower Upper
41 100
69 86.6 67.1 100.7
39 57.2 45.8 68.6





#49

1,4-Dioxane

Concen: 925.191 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

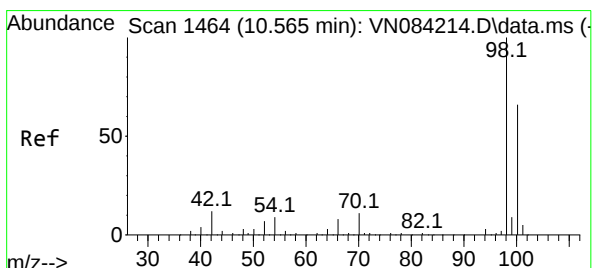
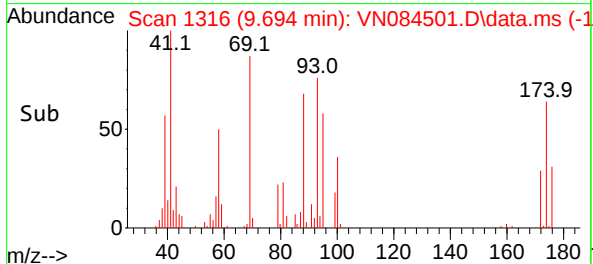
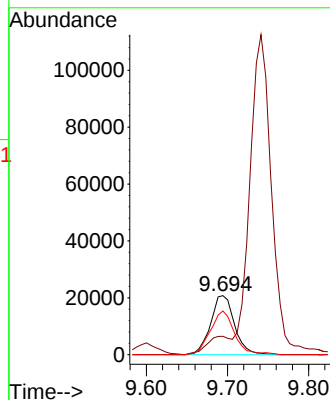
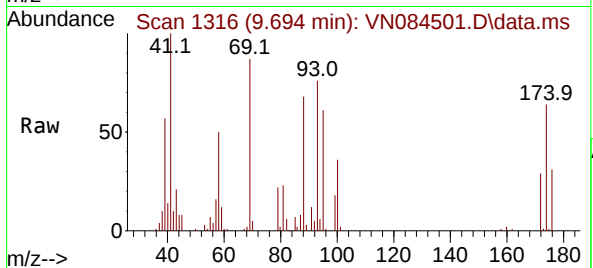
Tgt Ion: 88 Resp: 42439

Ion Ratio Lower Upper

88 100

43 32.6 25.3 37.9

58 75.2 56.4 84.6



#50

Toluene-d8

Concen: 46.627 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084501.D

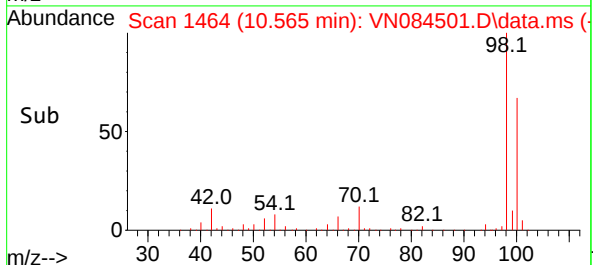
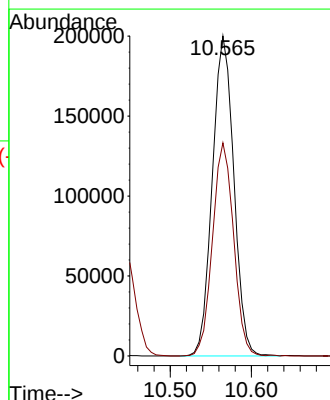
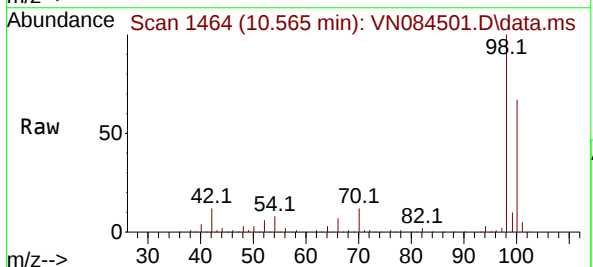
Acq: 24 Oct 2024 20:21

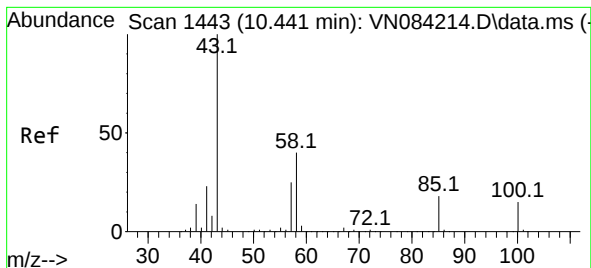
Tgt Ion: 98 Resp: 367864

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

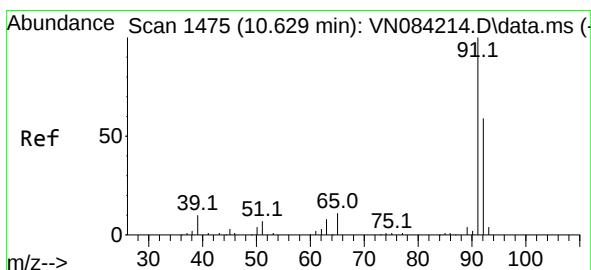
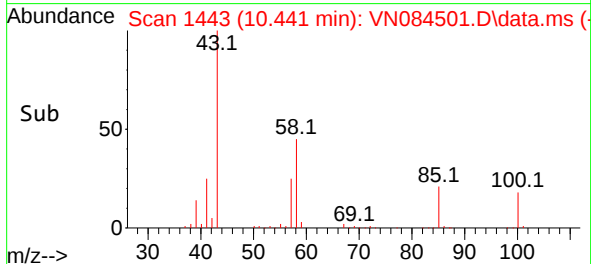
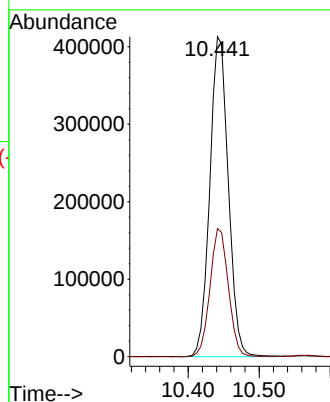
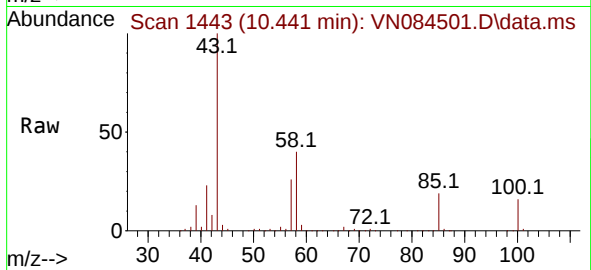




#51
4-Methyl-2-Pentanone
Concen: 245.565 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

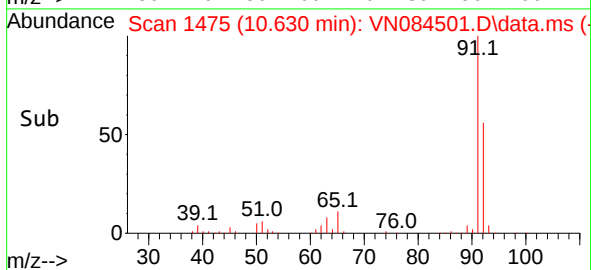
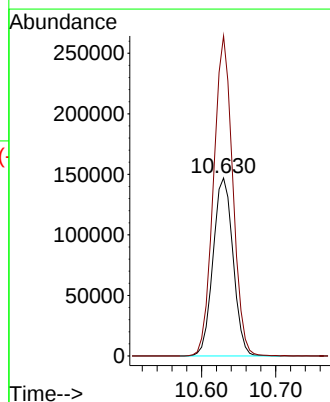
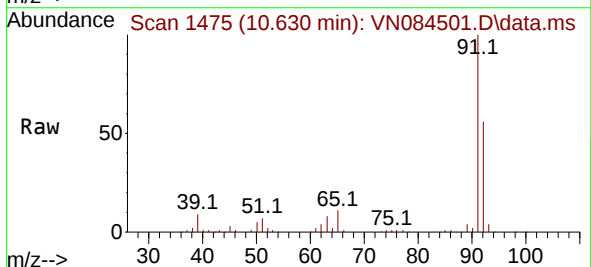
Instrument :
MSVOA_N
ClientSampleId :

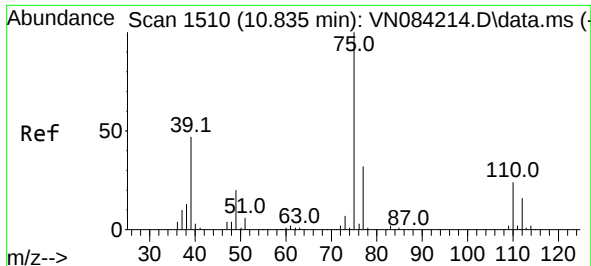
Tgt Ion: 43 Resp: 747016
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4



#52
Toluene
Concen: 46.423 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

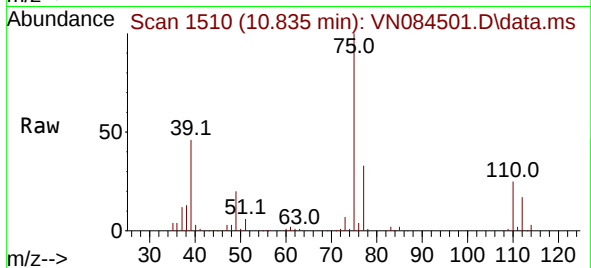
Tgt Ion: 92 Resp: 274728
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9



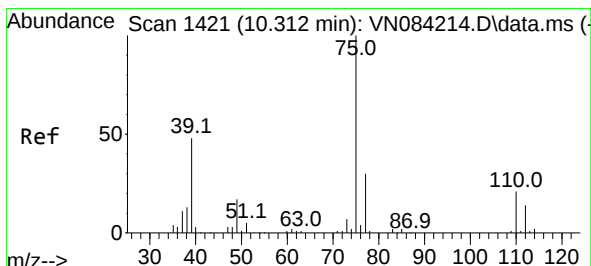
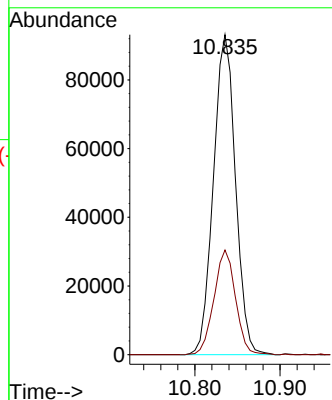
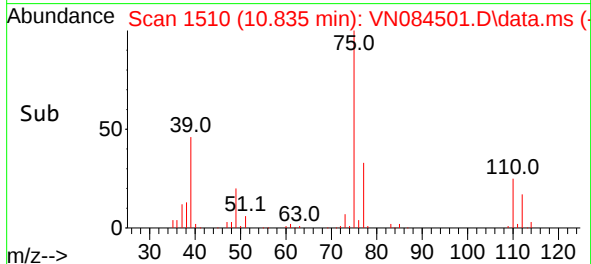


#53
t-1,3-Dichloropropene
Concen: 47.729 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

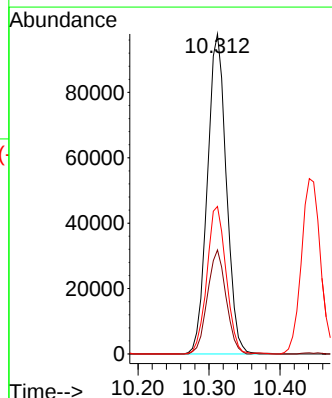
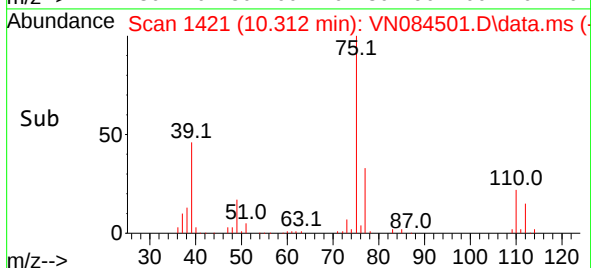
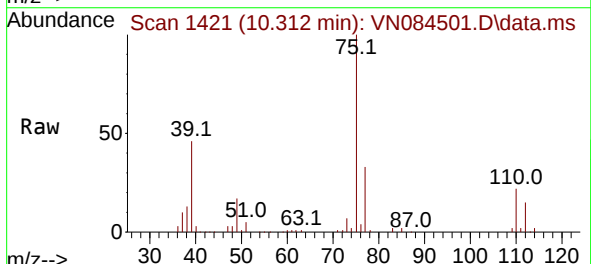


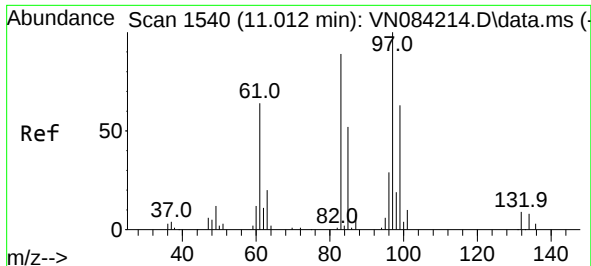
Tgt Ion: 75 Resp: 167463
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.030 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 75 Resp: 181261
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.2
39 46.1 38.7 58.1



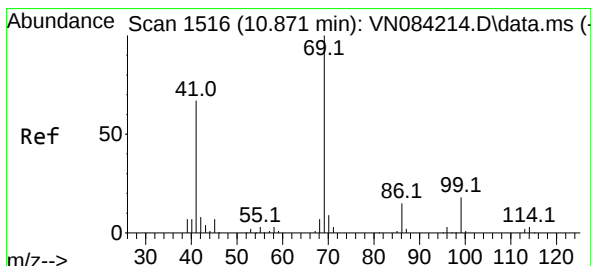
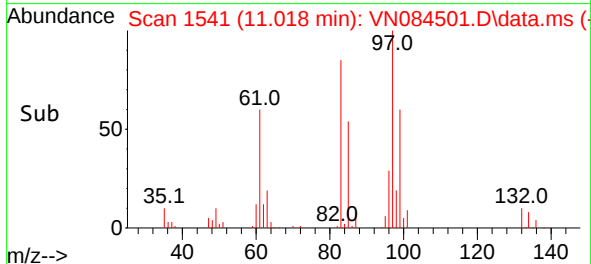
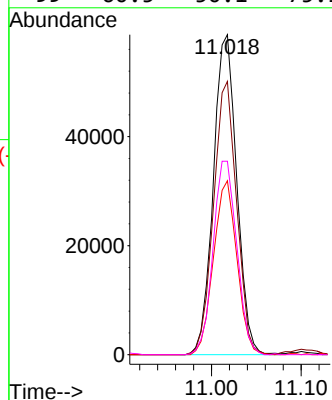
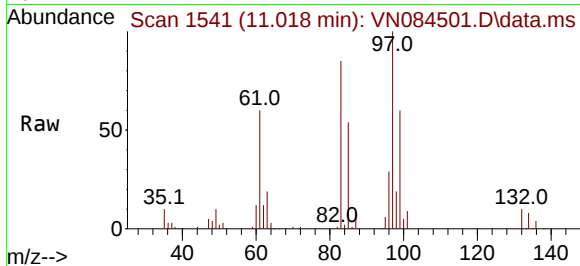


#55
1,1,2-Trichloroethane
Concen: 50.188 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 106475

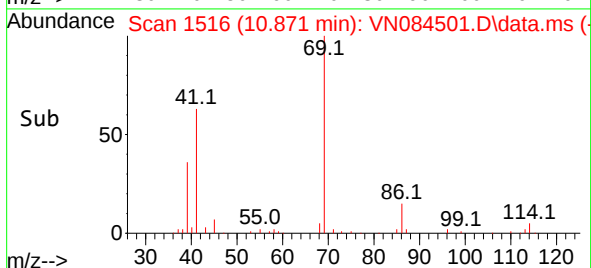
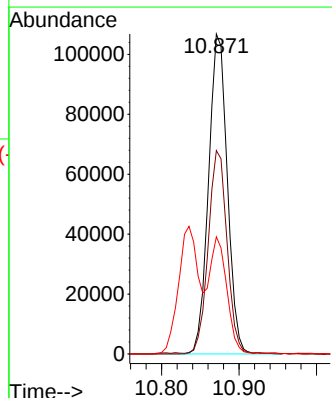
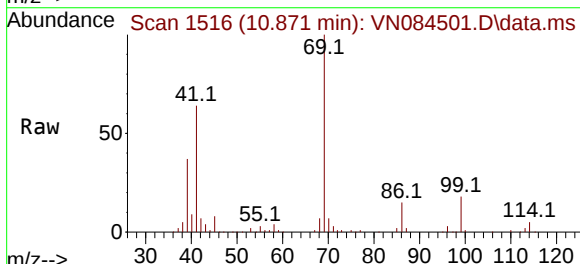
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.0	106.4
85	54.4	41.7	62.5
99	60.5	50.1	75.1

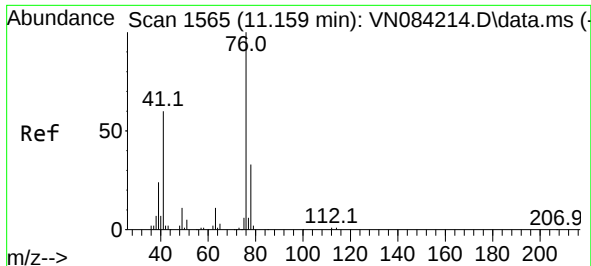


#56
Ethyl methacrylate
Concen: 51.343 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 69 Resp: 179232

Ion	Ratio	Lower	Upper
69	100		
41	63.3	53.3	79.9
39	34.5	28.8	43.2





#57

1,3-Dichloropropane

Concen: 48.547 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

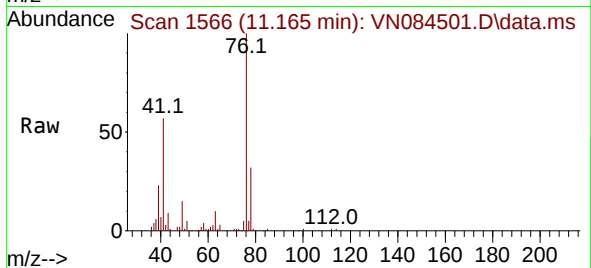
Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

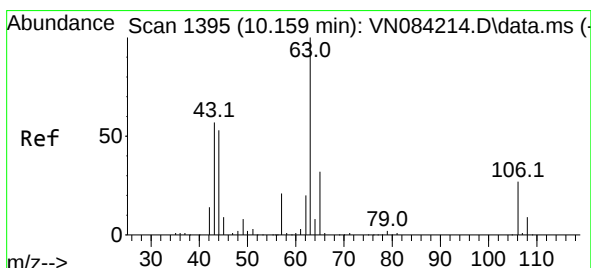
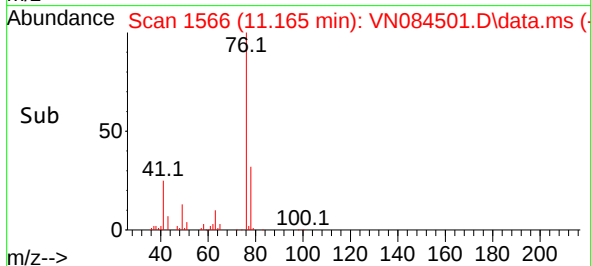
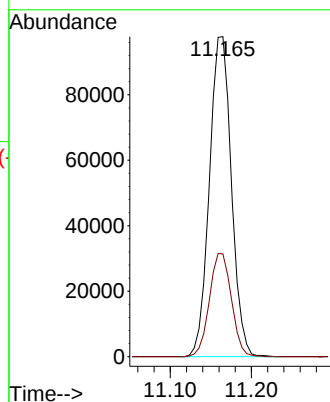


Tgt Ion: 76 Resp: 184035

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 242.016 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084501.D

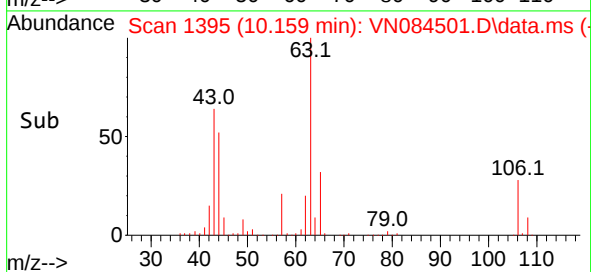
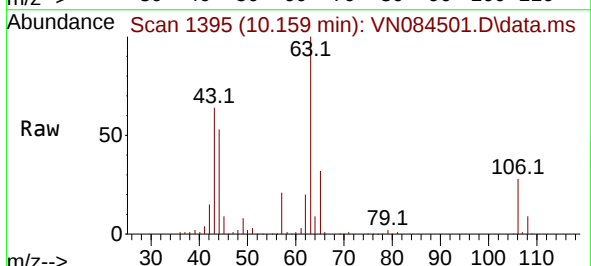
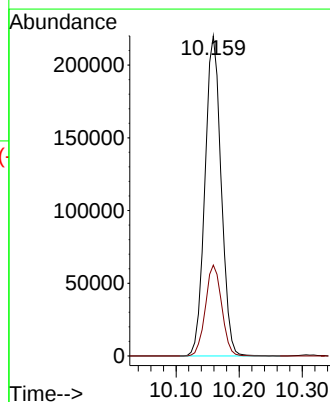
Acq: 24 Oct 2024 20:21

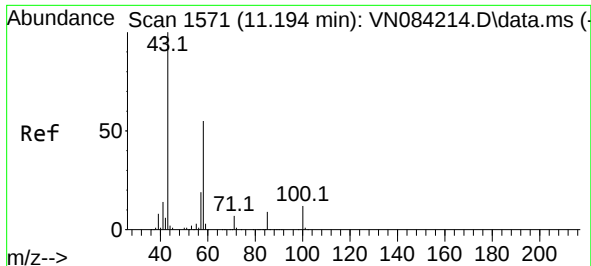
Tgt Ion: 63 Resp: 391920

Ion Ratio Lower Upper

63 100

106 28.5 21.8 32.6

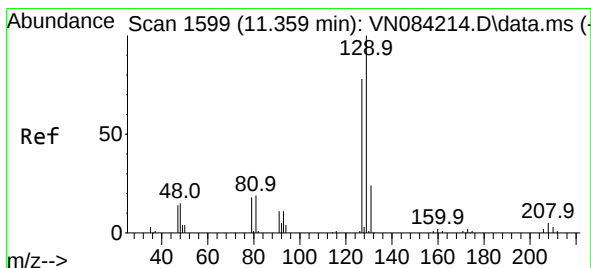
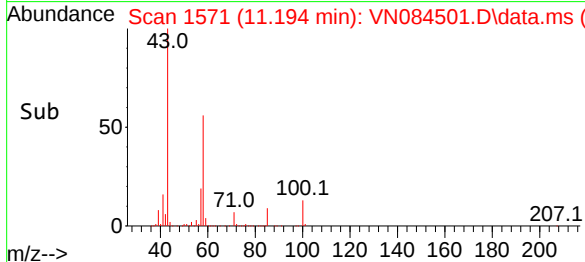
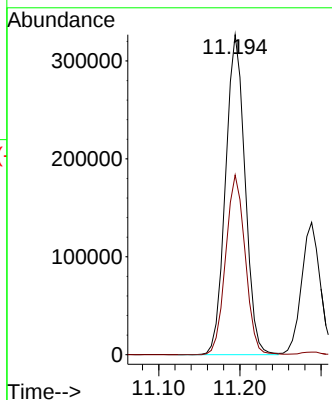
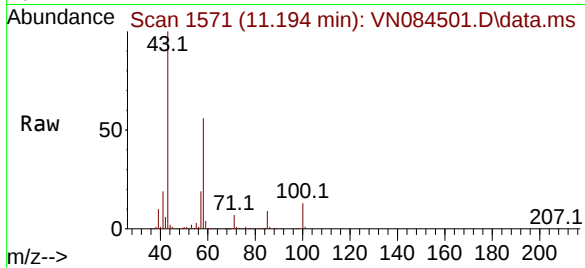




#59
2-Hexanone
Concen: 239.854 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

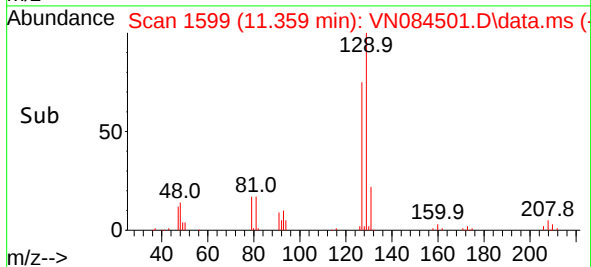
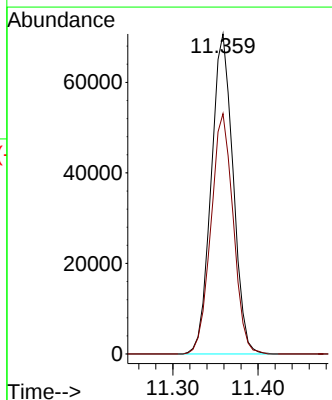
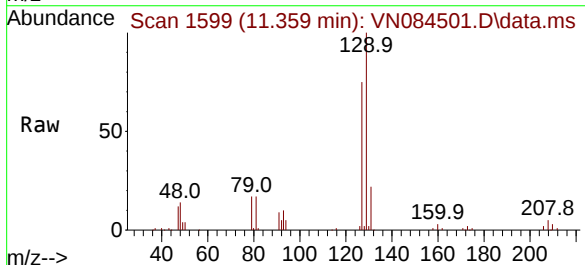
Instrument :
MSVOA_N
ClientSampleId :

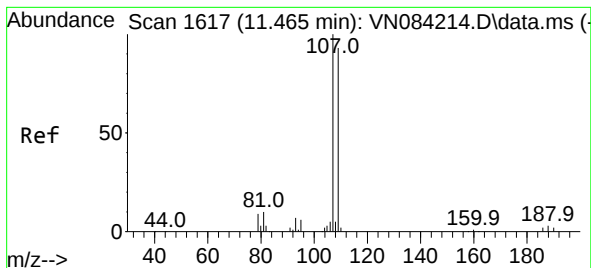
Tgt Ion: 43 Resp: 545345
Ion Ratio Lower Upper
43 100
58 56.1 27.3 81.8



#60
Dibromochloromethane
Concen: 50.308 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:129 Resp: 126106
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9

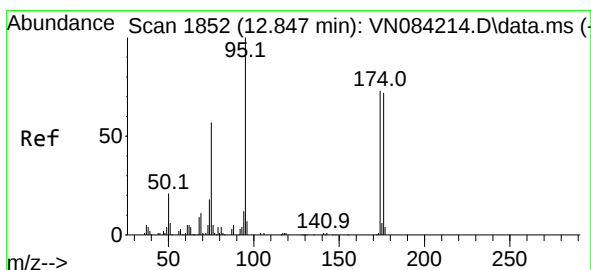
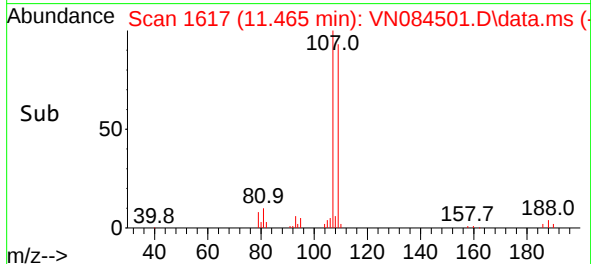
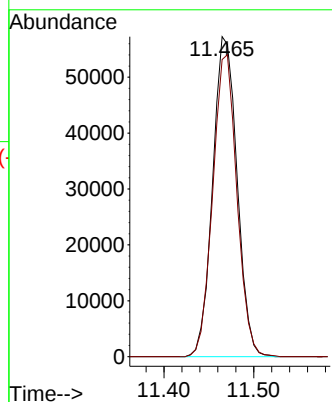
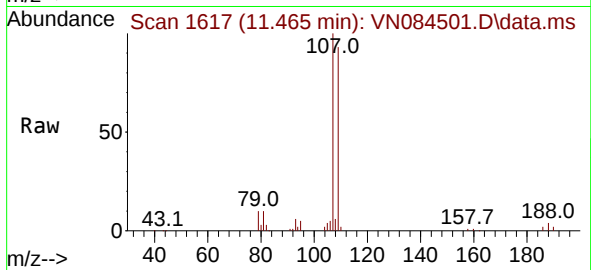




#61
1,2-Dibromoethane
Concen: 48.997 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

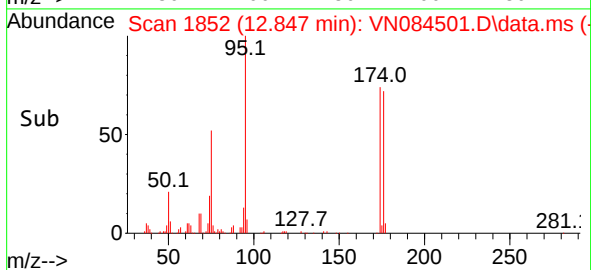
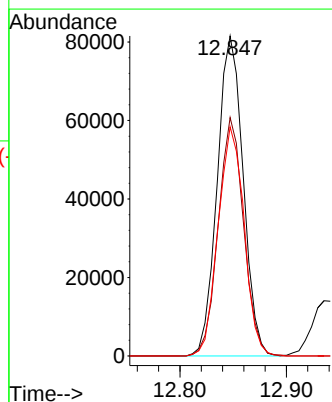
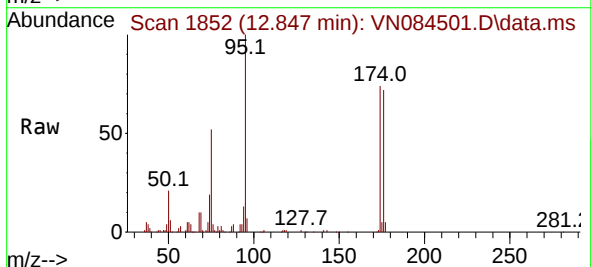
Instrument :
MSVOA_N
ClientSampleId :

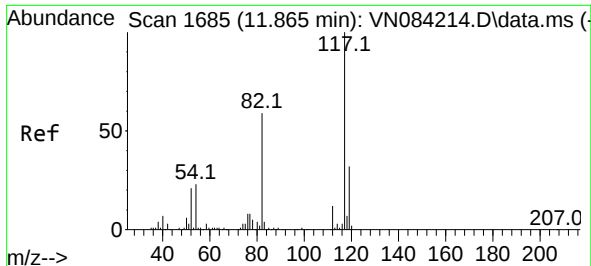
Tgt Ion:107 Resp: 108012
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

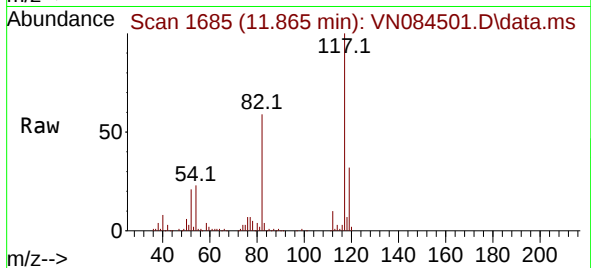
Tgt Ion: 95 Resp: 137725
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.2
176 71.7 0.0 140.0



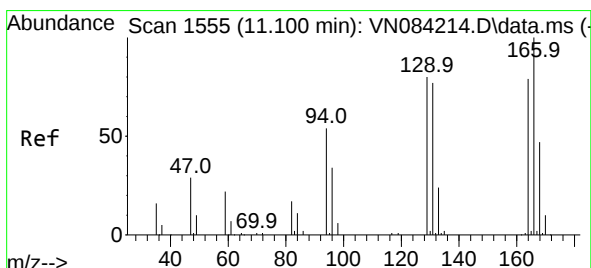
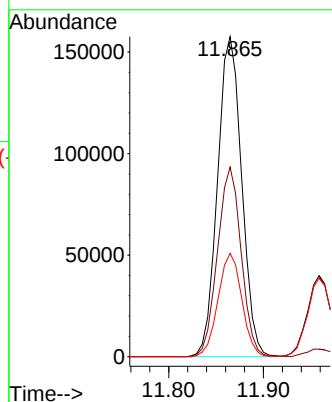
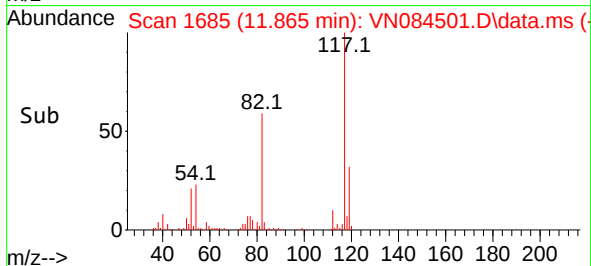


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

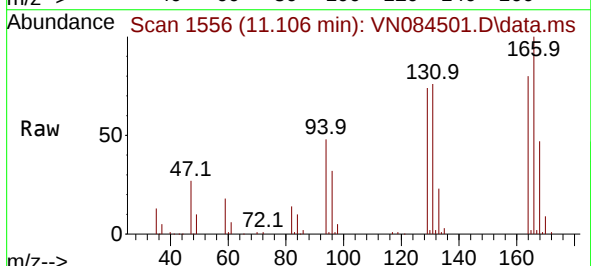
Instrument :
MSVOA_N
ClientSampleId :



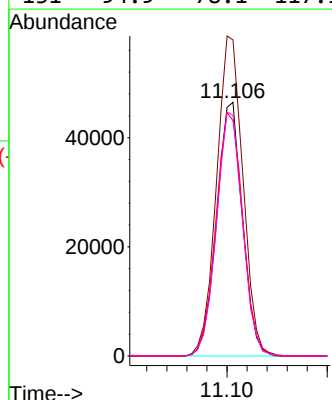
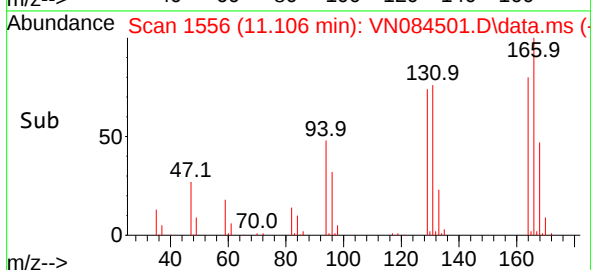
Tgt Ion:117 Resp: 279400
Ion Ratio Lower Upper
117 100
82 59.2 47.2 70.8
119 32.3 25.4 38.0

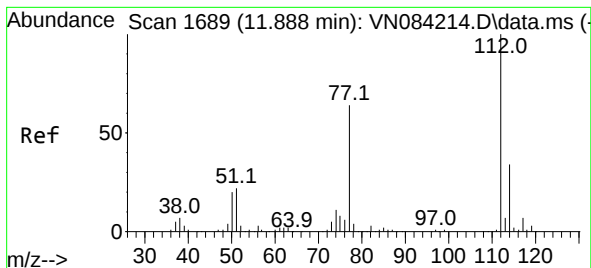


#64
Tetrachloroethene
Concen: 42.455 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21



Tgt Ion:164 Resp: 82620
Ion Ratio Lower Upper
164 100
166 124.6 101.0 151.4
129 92.8 80.8 121.2
131 94.9 78.1 117.1

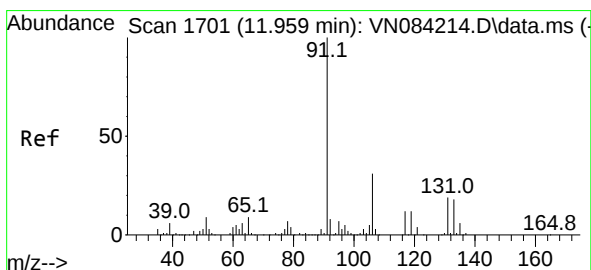
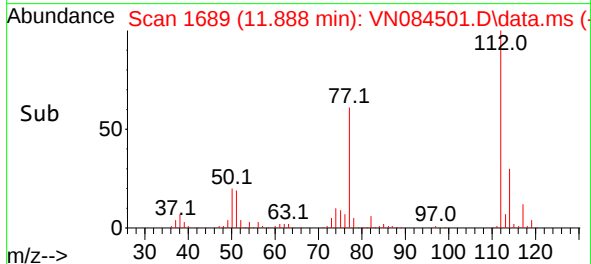
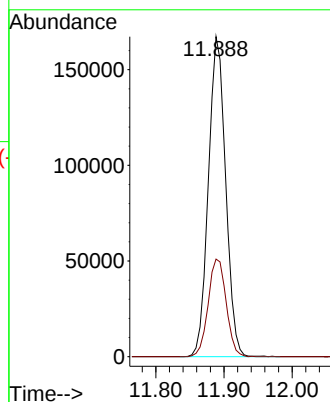
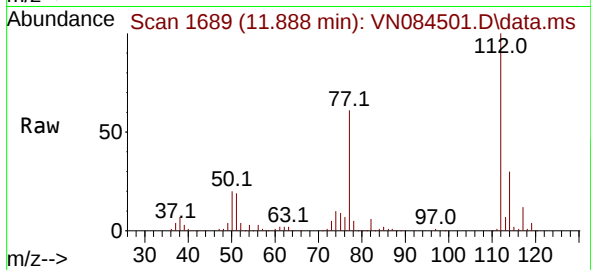




#65
Chlorobenzene
Concen: 47.563 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

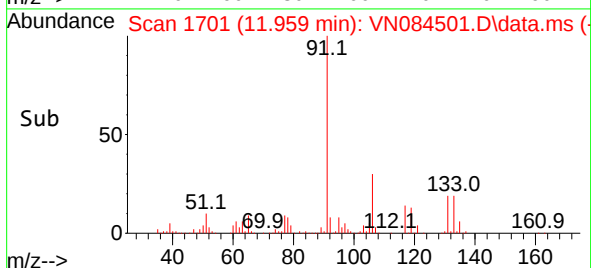
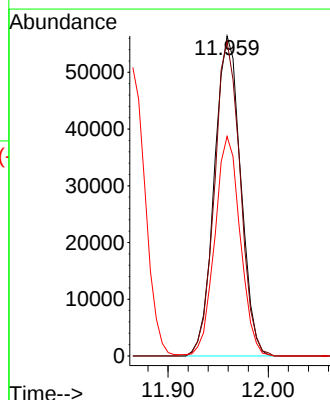
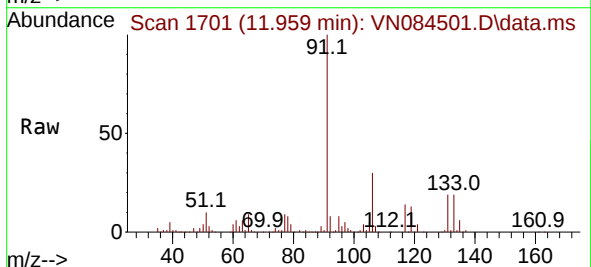
Instrument :
MSVOA_N
ClientSampleId :

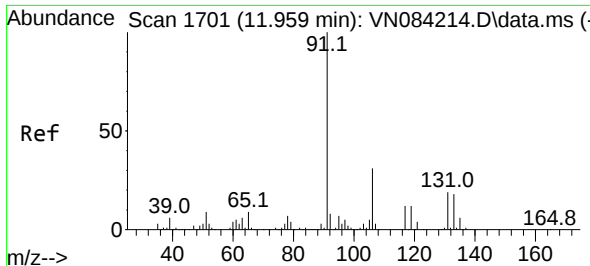
Tgt Ion:112 Resp: 294653
Ion Ratio Lower Upper
112 100
114 30.5 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.229 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:131 Resp: 102911
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 66.3 32.8 98.3

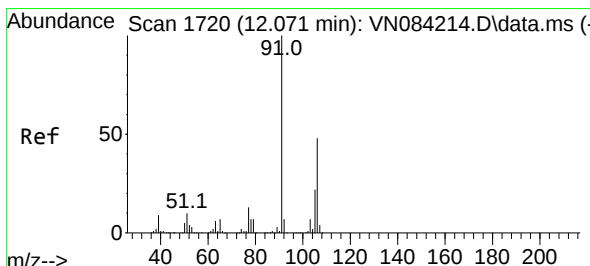
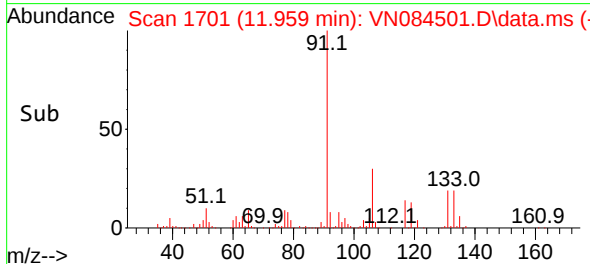
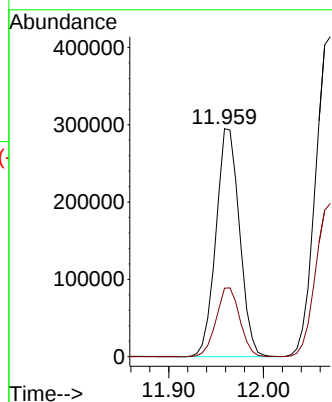
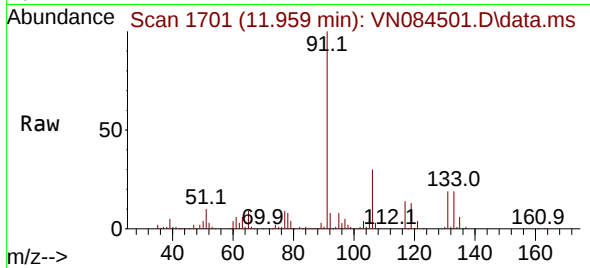




#67
Ethyl Benzene
Concen: 46.596 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

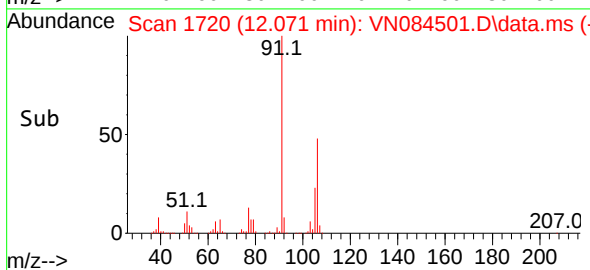
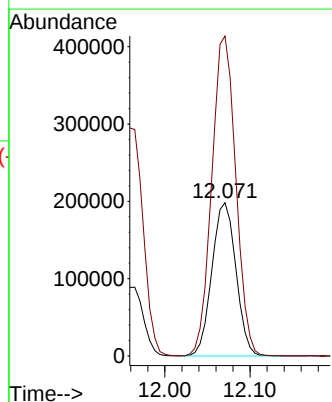
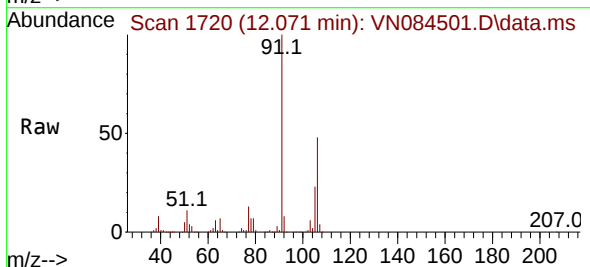
Instrument :
MSVOA_N
ClientSampleId :

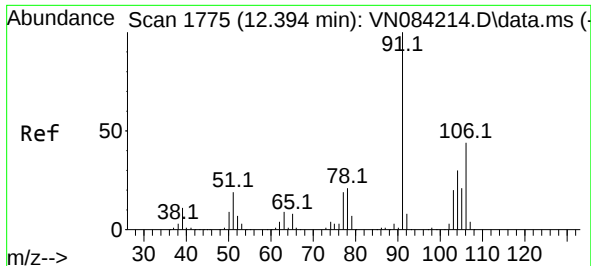
Tgt Ion: 91 Resp: 510489
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 95.746 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:106 Resp: 388015
Ion Ratio Lower Upper
106 100
91 208.8 167.1 250.7

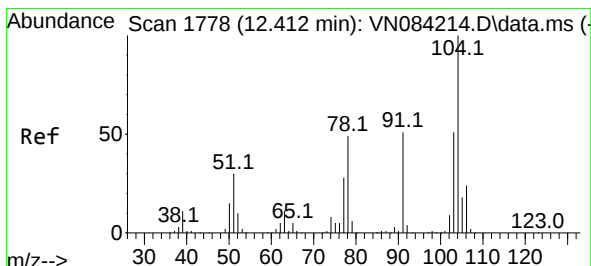
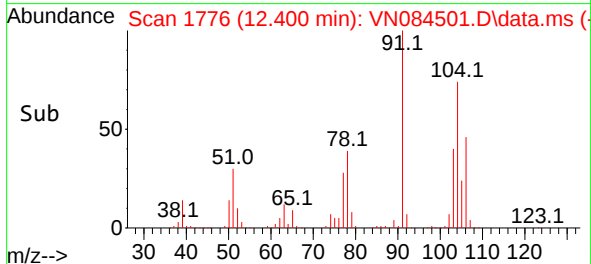
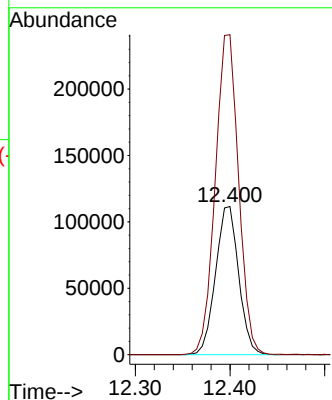
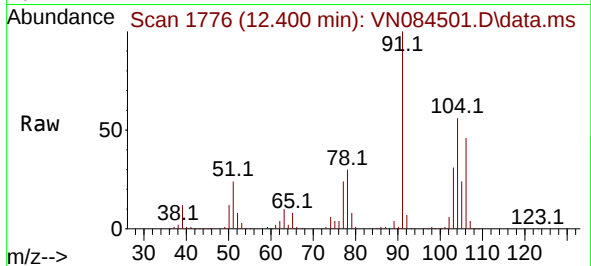




#69
o-Xylene
Concen: 49.396 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

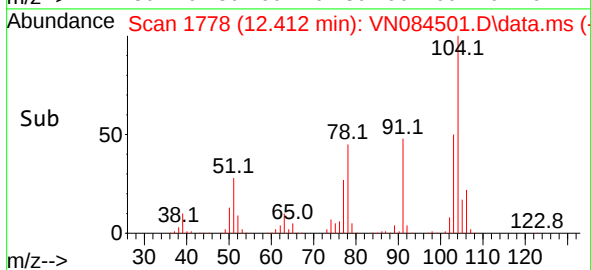
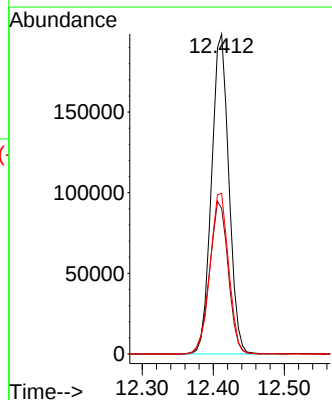
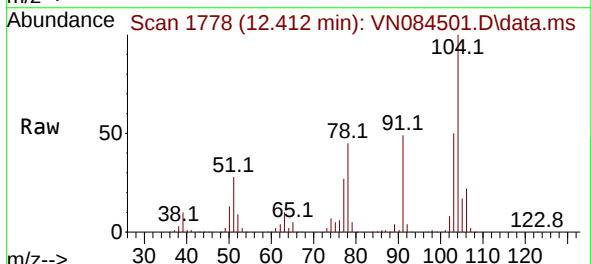
Instrument :
MSVOA_N
ClientSampleId :

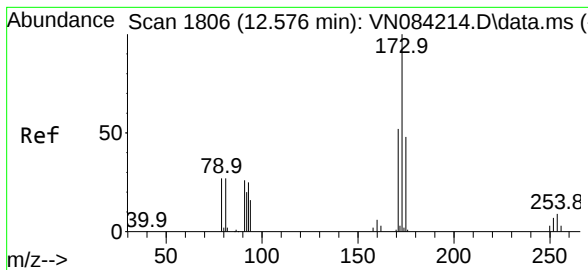
Tgt Ion:106 Resp: 189395
Ion Ratio Lower Upper
106 100
91 218.3 110.2 330.6



#70
Styrene
Concen: 51.798 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:104 Resp: 336399
Ion Ratio Lower Upper
104 100
78 51.2 42.7 64.1
103 53.8 43.6 65.4

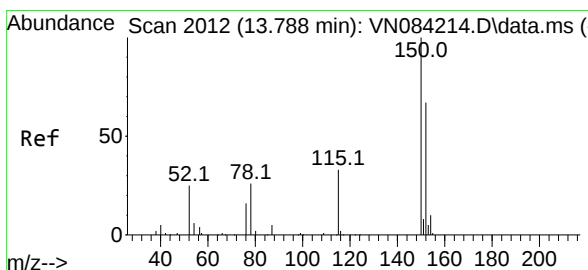
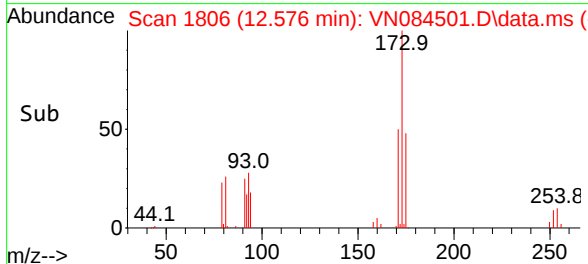
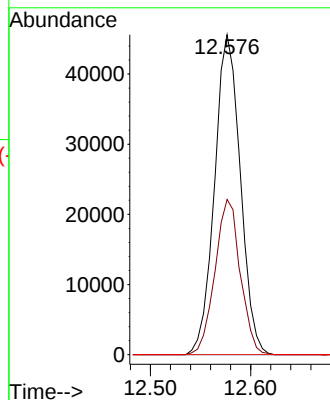
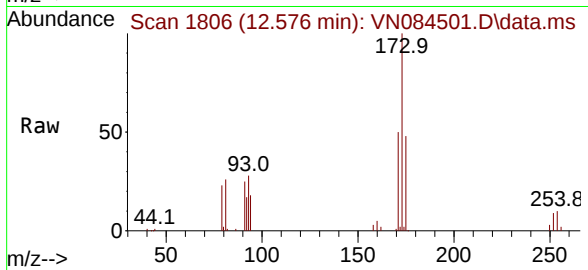




#71
Bromoform
Concen: 51.789 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

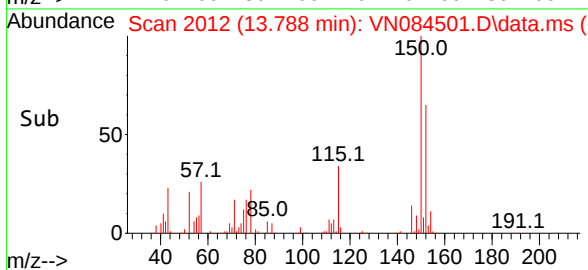
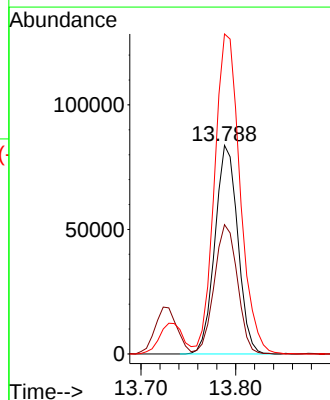
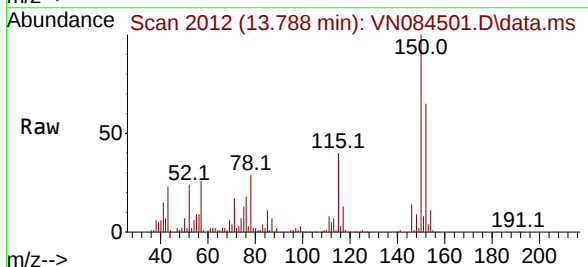
Instrument :
MSVOA_N
ClientSampleId :

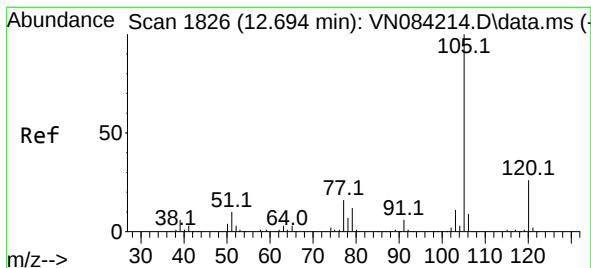
Tgt Ion:173 Resp: 81359
Ion Ratio Lower Upper
173 100
175 47.6 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:152 Resp: 140434
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 171.5 0.0 349.8





#73

Isopropylbenzene

Concen: 43.736 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

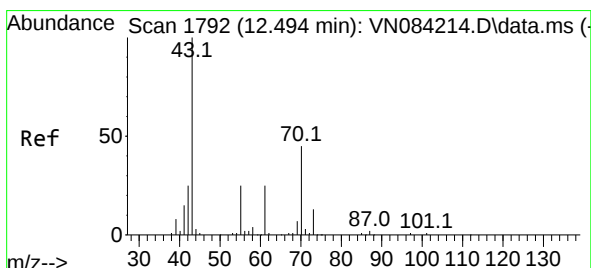
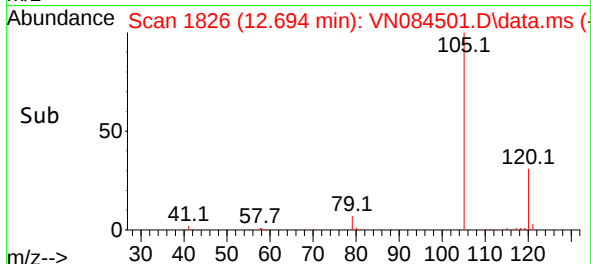
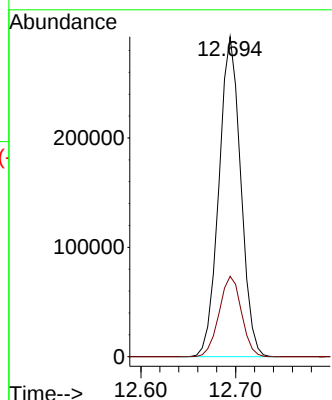
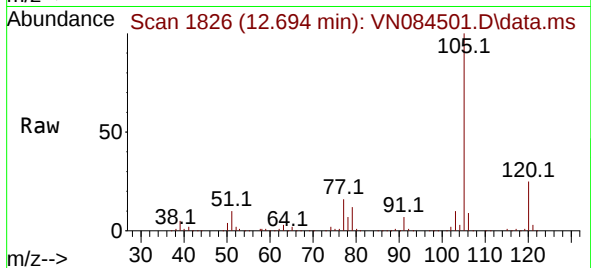
ClientSampleId :

Tgt Ion:105 Resp: 468691

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



#74

N-ethyl acetate

Concen: 47.098 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Tgt Ion: 43 Resp: 228556

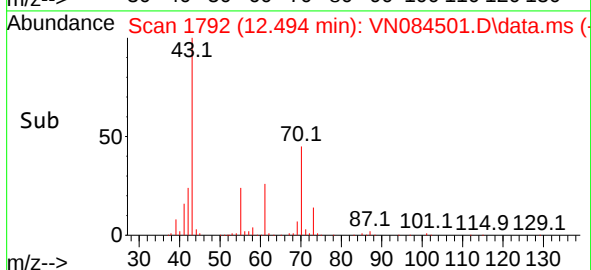
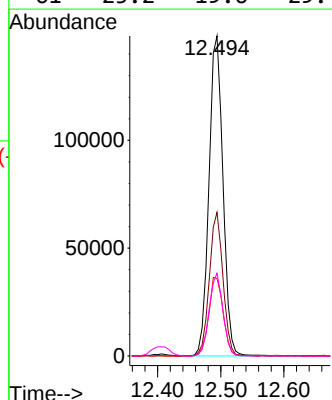
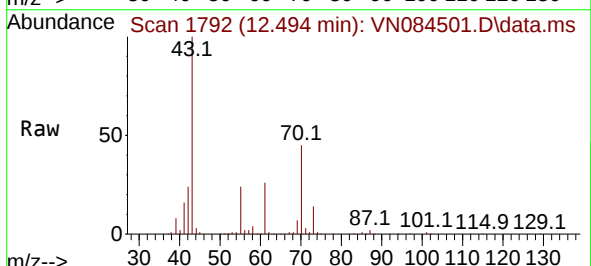
Ion Ratio Lower Upper

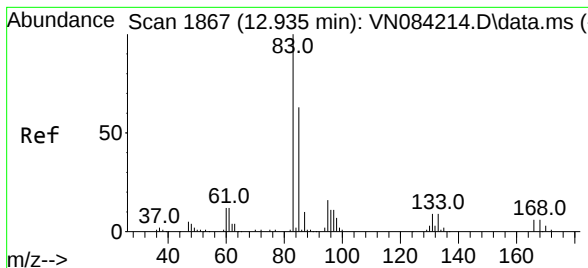
43 100

70 43.6 34.4 51.6

55 25.2 19.6 29.4

61 25.2 19.6 29.4

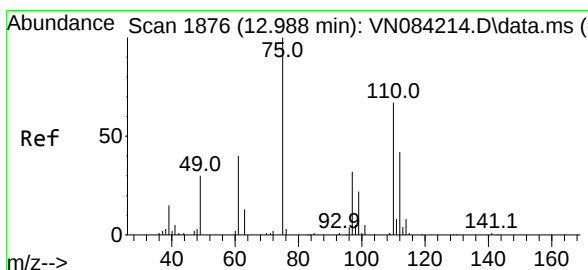
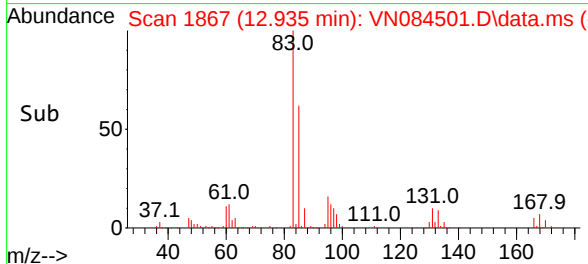
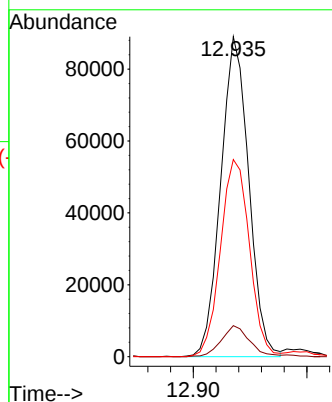
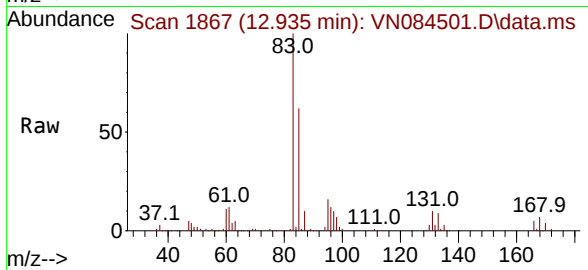




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.288 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

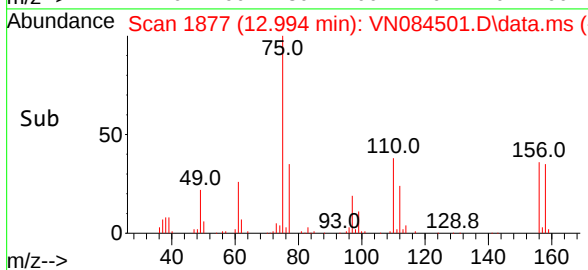
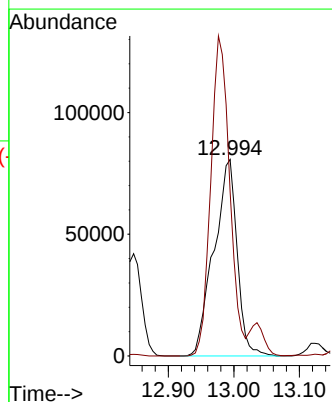
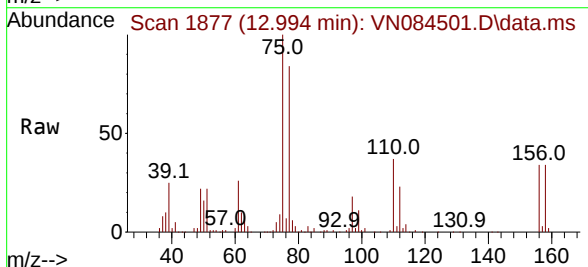
Instrument :
 MSVOA_N
 ClientSampleId :

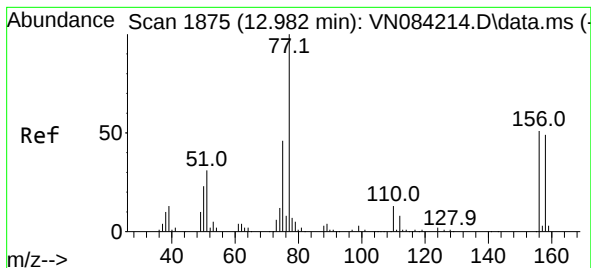
Tgt Ion: 83 Resp: 152379
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 63.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 69.109 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

Tgt Ion: 75 Resp: 198135
 Ion Ratio Lower Upper
 75 100
 77 133.0 96.9 290.7





#77

Bromobenzene

Concen: 45.548 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

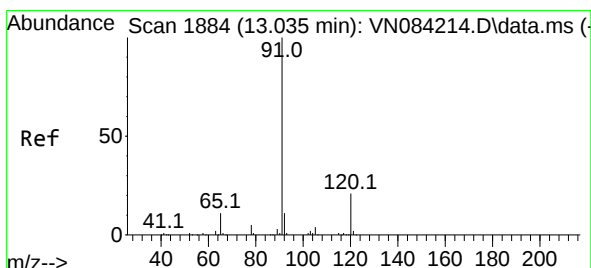
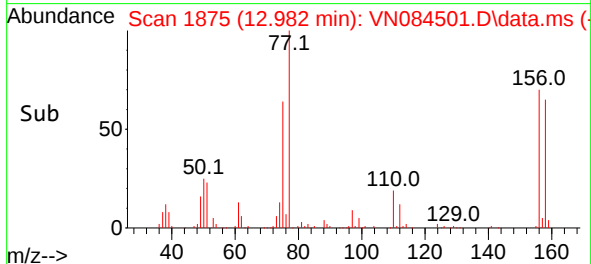
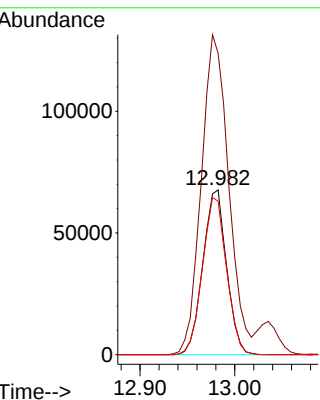
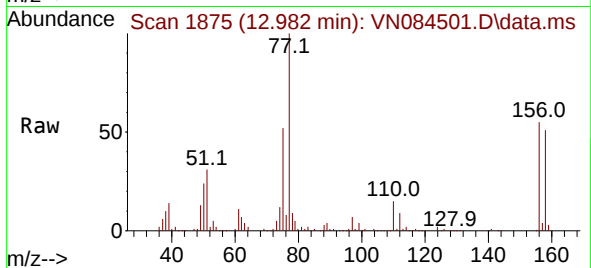
Tgt Ion:156 Resp: 117738

Ion Ratio Lower Upper

156 100

77 223.7 115.1 345.3

158 96.9 48.9 146.8



#78

n-propylbenzene

Concen: 44.734 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084501.D

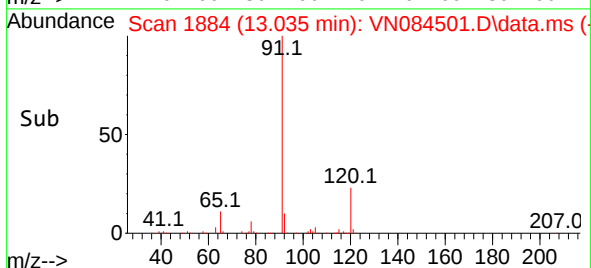
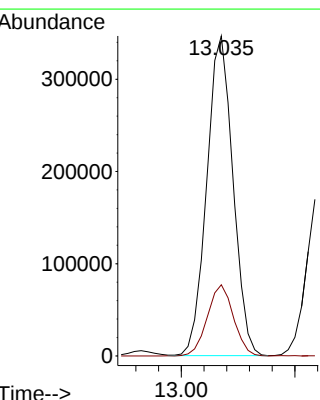
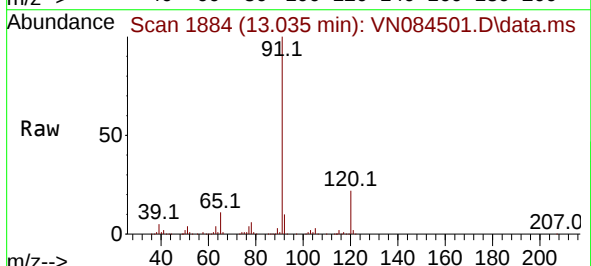
Acq: 24 Oct 2024 20:21

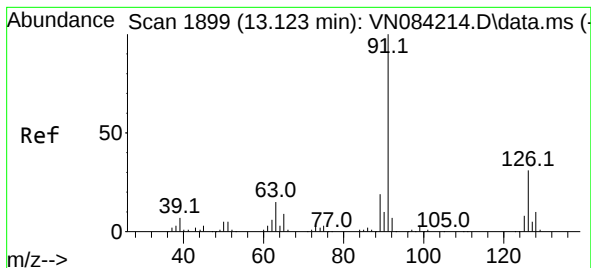
Tgt Ion: 91 Resp: 555417

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4





#79

2-Chlorotoluene

Concen: 43.533 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

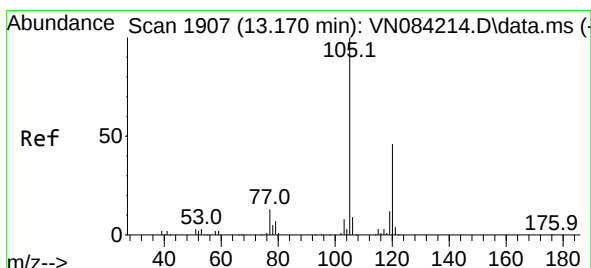
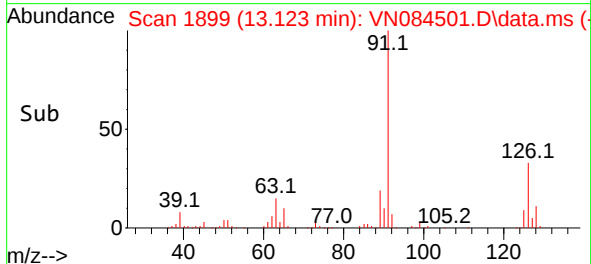
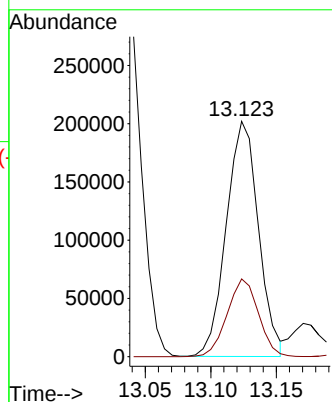
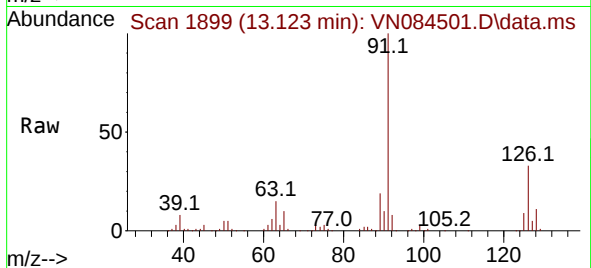
ClientSampleId :

Tgt Ion: 91 Resp: 344902

Ion Ratio Lower Upper

91 100

126 32.2 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 46.131 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084501.D

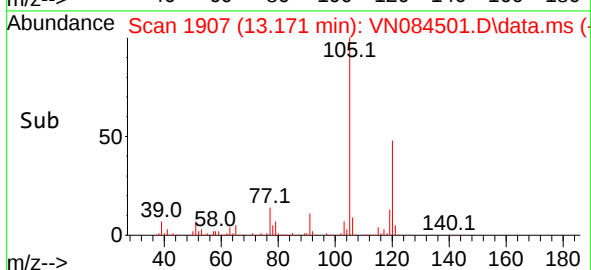
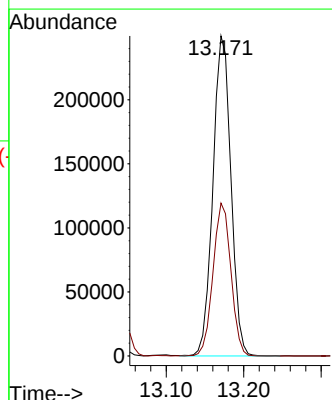
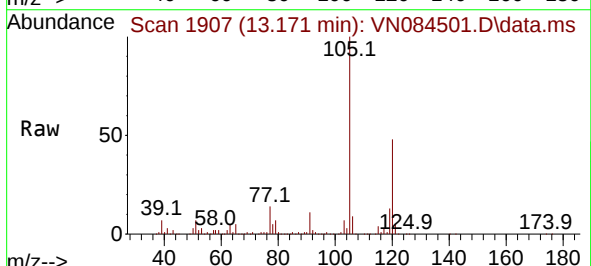
Acq: 24 Oct 2024 20:21

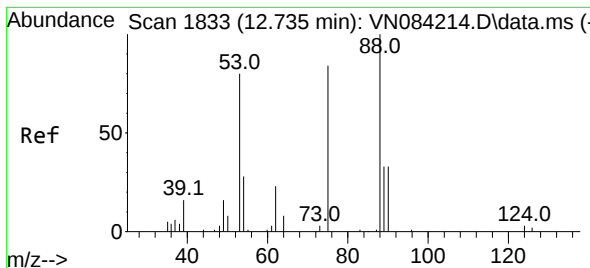
Tgt Ion:105 Resp: 403258

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1

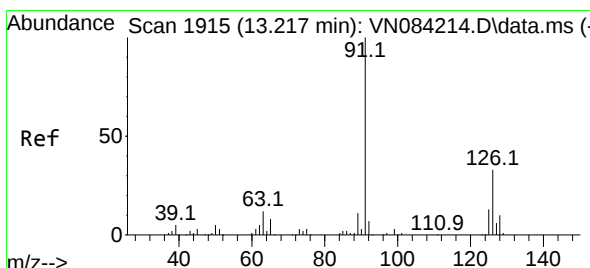
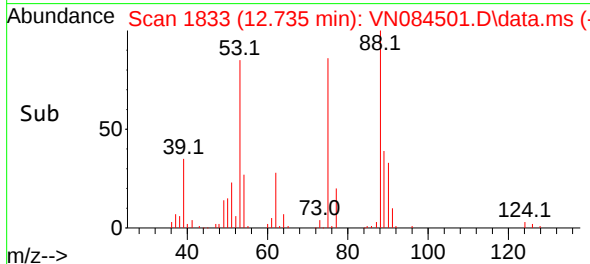
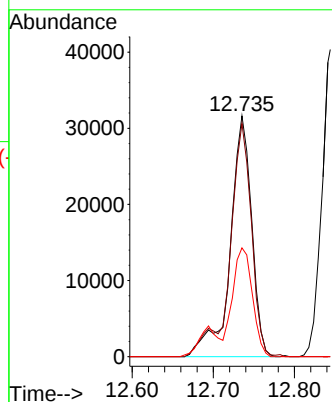
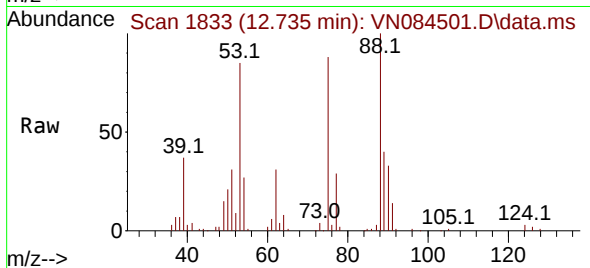




#81
trans-1,4-Dichloro-2-butene
Concen: 48.467 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

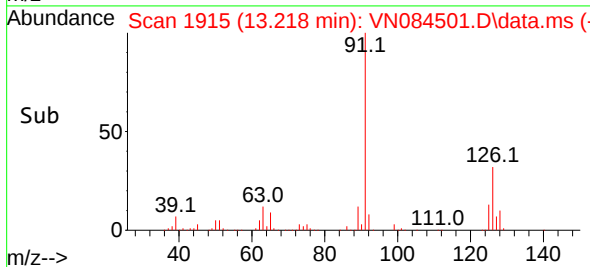
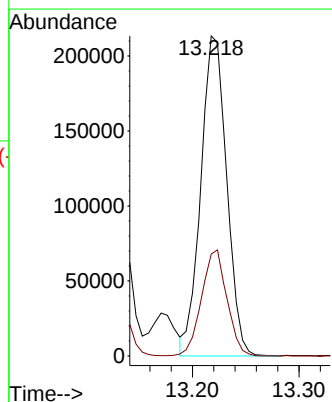
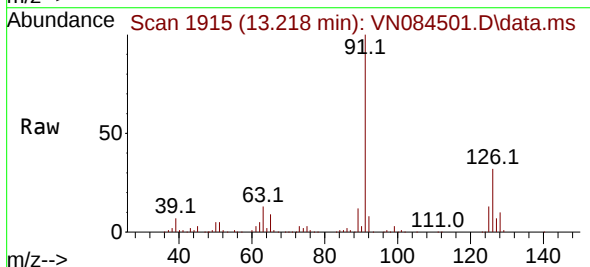
Instrument :
MSVOA_N
ClientSampleId :

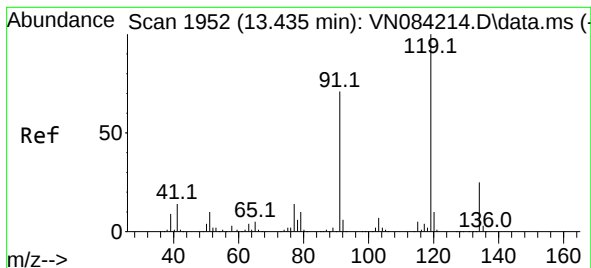
Tgt Ion: 75 Resp: 57959
Ion Ratio Lower Upper
75 100
53 87.2 78.0 117.0
89 41.7 35.5 53.3



#82
4-Chlorotoluene
Concen: 45.220 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 91 Resp: 360656
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1





#83

tert-Butylbenzene

Concen: 42.782 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

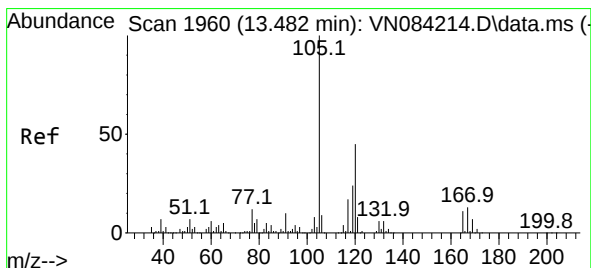
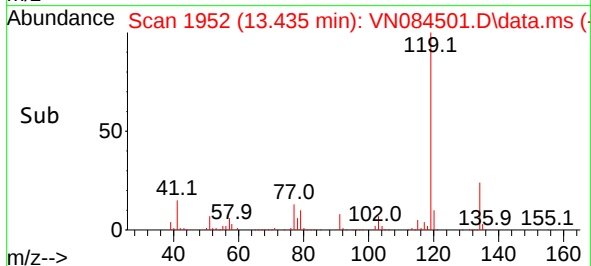
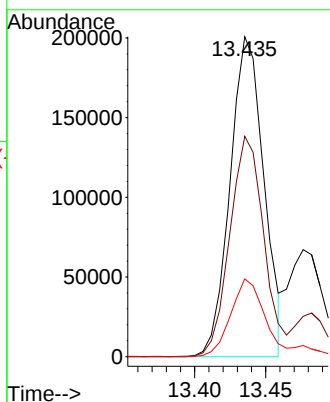
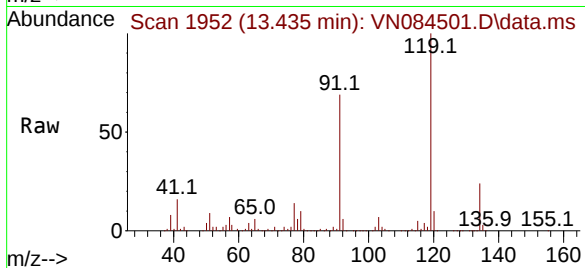
Tgt Ion:119 Resp: 332391

Ion Ratio Lower Upper

119 100

91 69.5 34.1 102.3

134 26.6 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 46.641 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084501.D

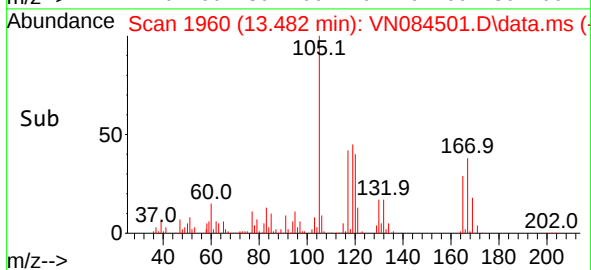
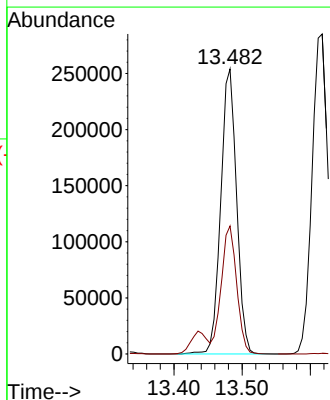
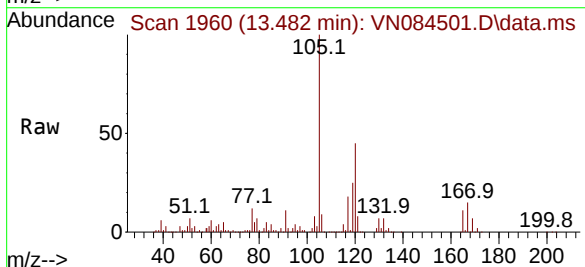
Acq: 24 Oct 2024 20:21

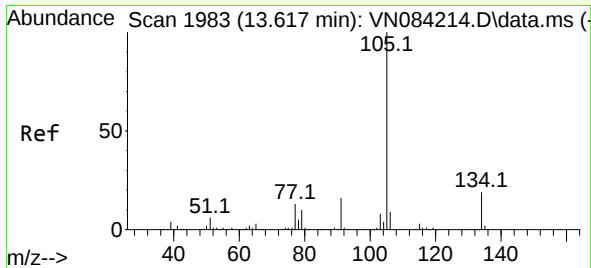
Tgt Ion:105 Resp: 410725

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.8

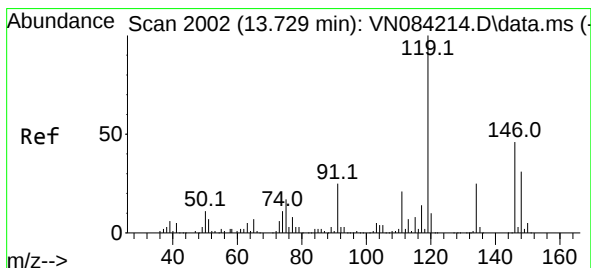
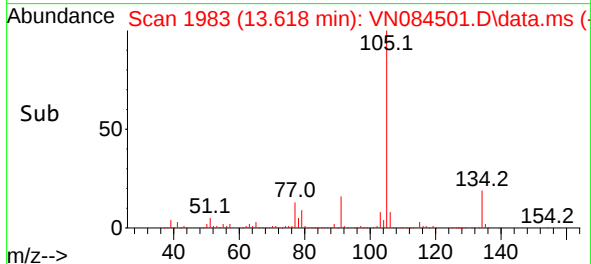
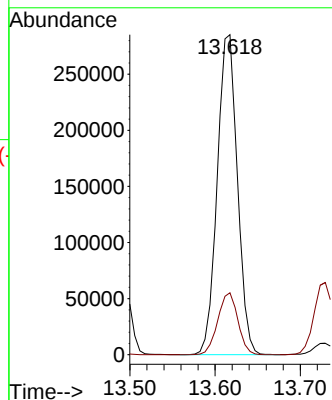
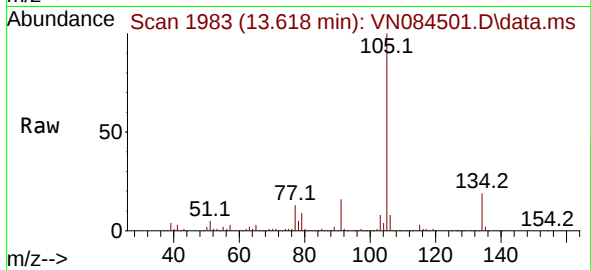




#85
 sec-Butylbenzene
 Concen: 45.333 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

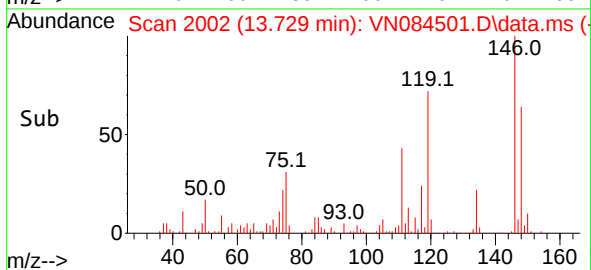
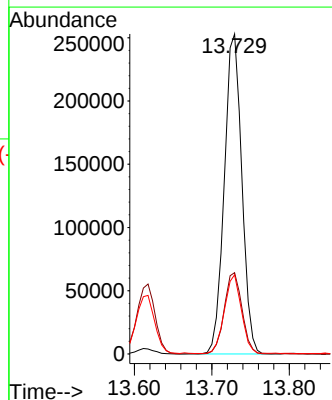
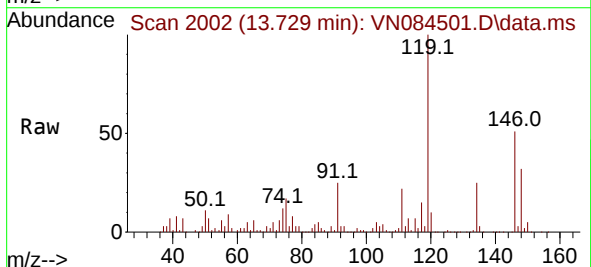
Instrument :
 MSVOA_N
 ClientSampleId :

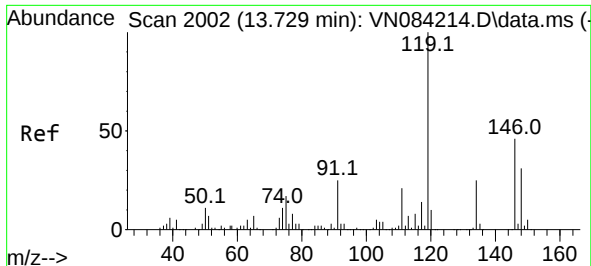
Tgt Ion:105 Resp: 470000
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 46.385 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

Tgt Ion:119 Resp: 397675
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.9 12.4 37.2

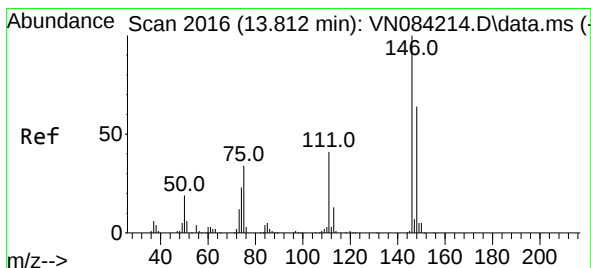
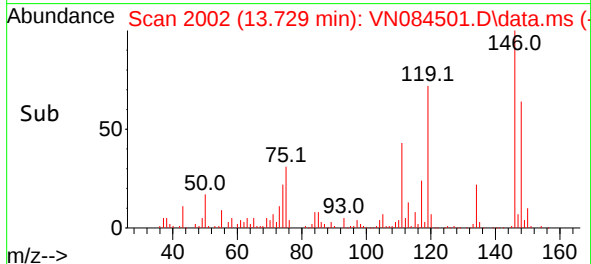
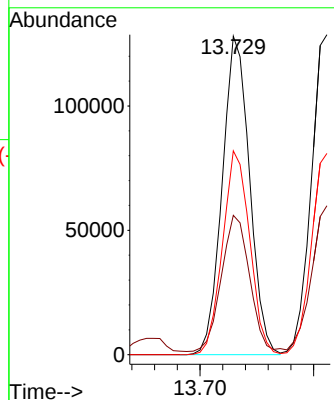
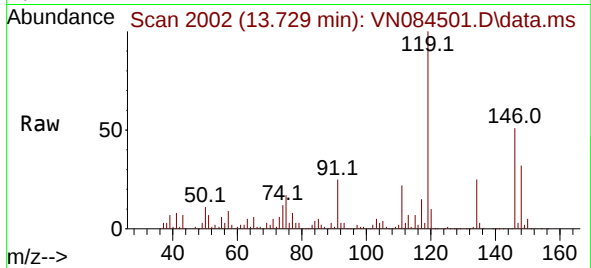




#87
 1,3-Dichlorobenzene
 Concen: 44.123 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

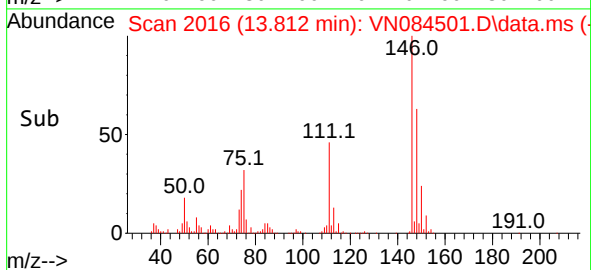
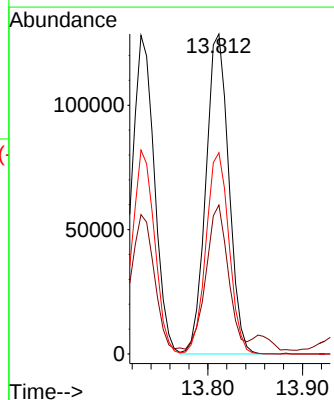
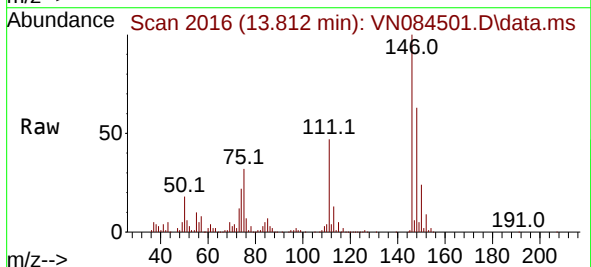
Instrument :
 MSVOA_N
 ClientSampleId :

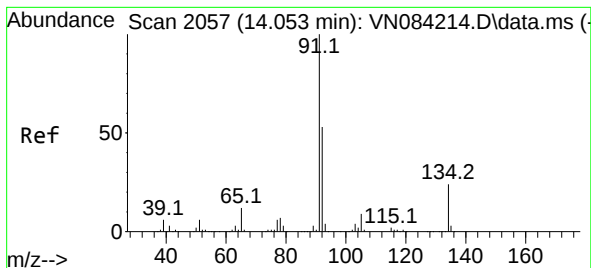
Tgt Ion:146 Resp: 213965
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.3
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 44.283 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084501.D
 Acq: 24 Oct 2024 20:21

Tgt Ion:146 Resp: 216860
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.2 63.6
 148 63.2 31.9 95.9

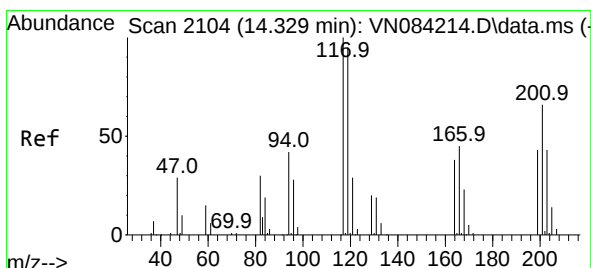
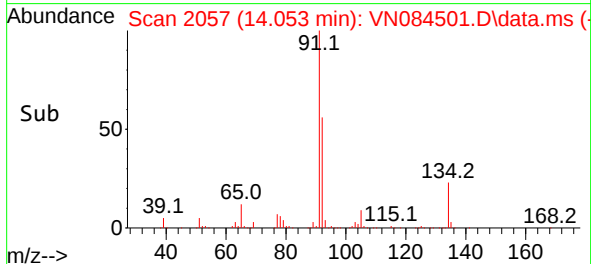
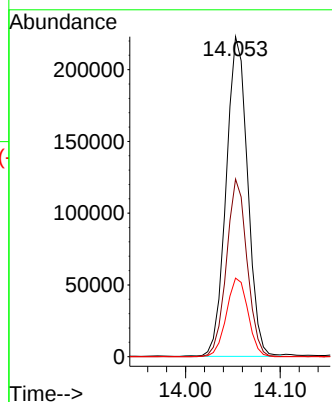
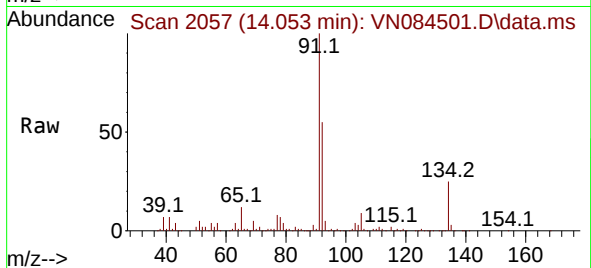




#89
n-Butylbenzene
Concen: 45.003 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

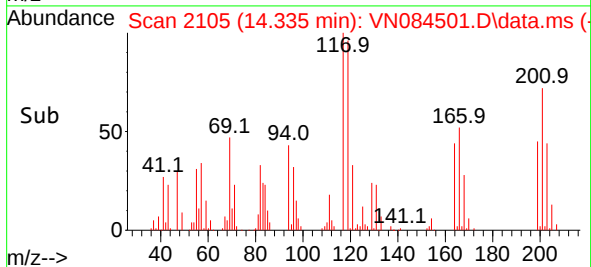
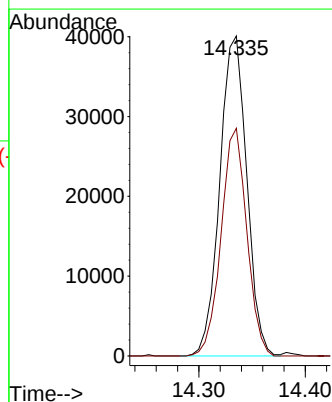
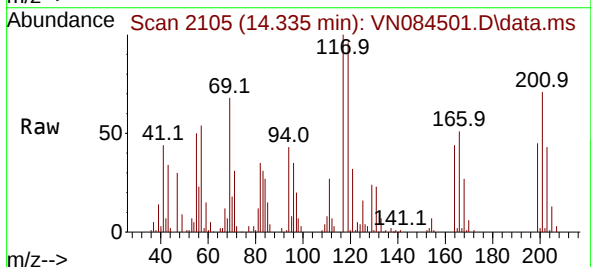
Instrument :
MSVOA_N
ClientSampleId :

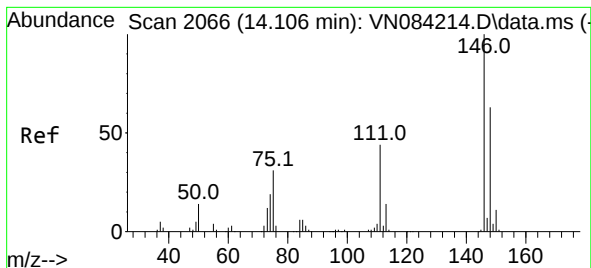
Tgt Ion: 91 Resp: 349846
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 24.8 12.3 36.9



#90
Hexachloroethane
Concen: 40.486 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion: 117 Resp: 70455
Ion Ratio Lower Upper
117 100
201 67.8 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 43.532 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

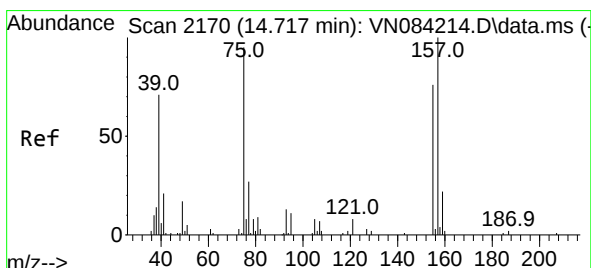
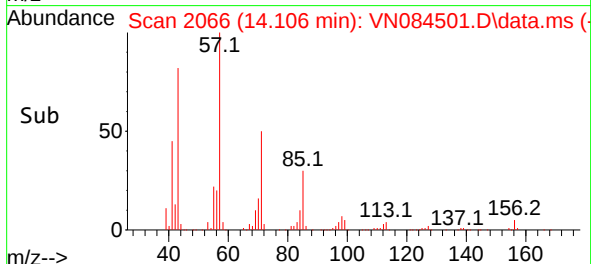
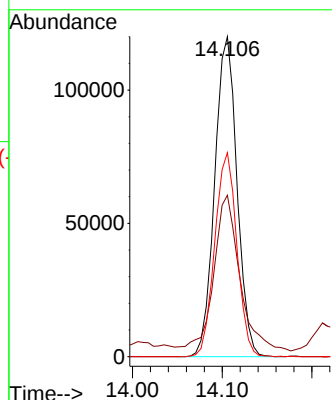
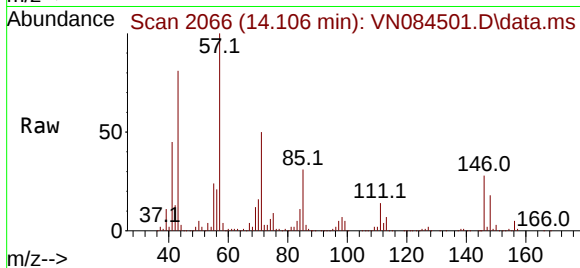
Tgt Ion:146 Resp: 206992

Ion Ratio Lower Upper

146 100

111 56.6 22.0 66.0

148 63.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.752 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084501.D

Acq: 24 Oct 2024 20:21

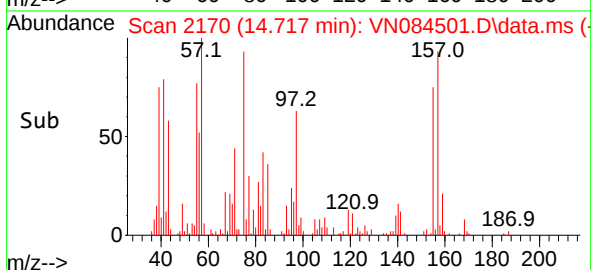
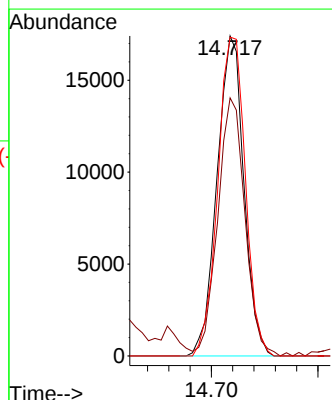
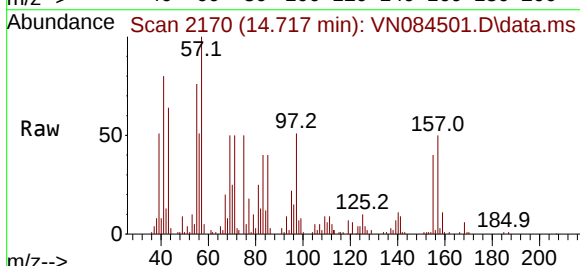
Tgt Ion: 75 Resp: 30423

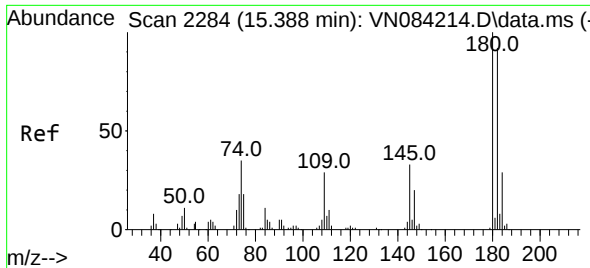
Ion Ratio Lower Upper

75 100

155 81.6 38.1 114.5

157 102.0 49.6 149.0

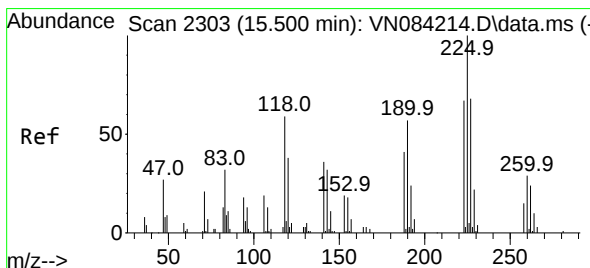
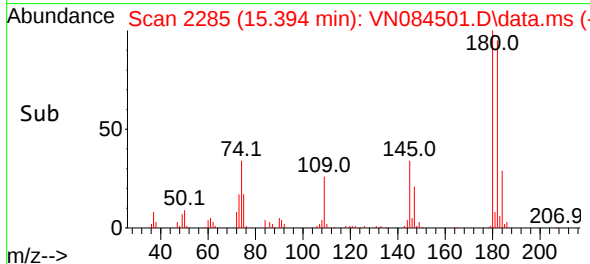
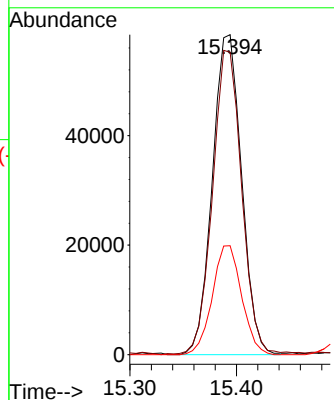
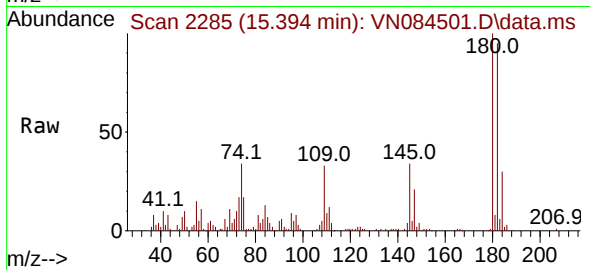




#93
1,2,4-Trichlorobenzene
Concen: 47.545 ug/l
RT: 15.394 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

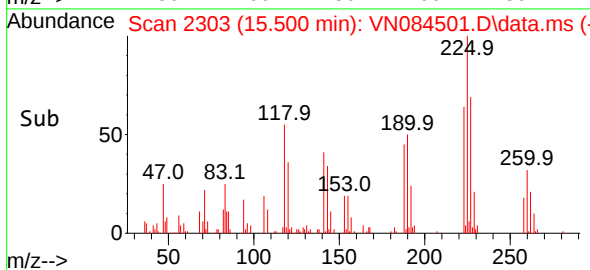
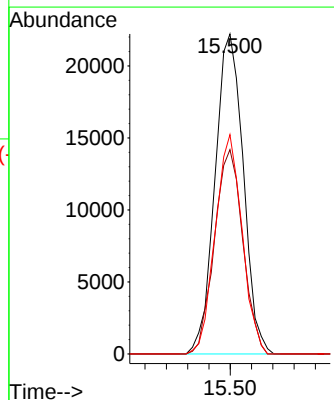
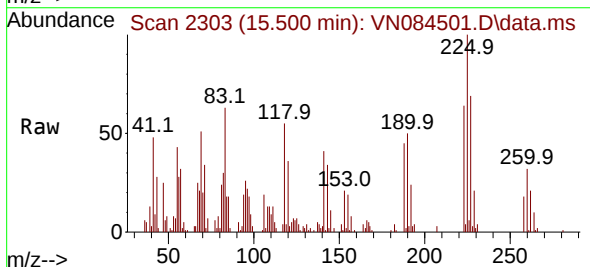
Instrument :
MSVOA_N
ClientSampleId :

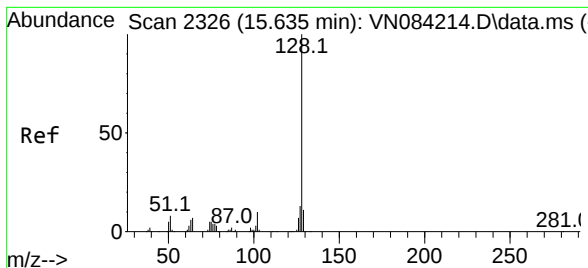
Tgt Ion:180 Resp: 111353
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 34.2 16.4 49.4



#94
Hexachlorobutadiene
Concen: 34.978 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:225 Resp: 40854
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 65.2 32.4 97.0

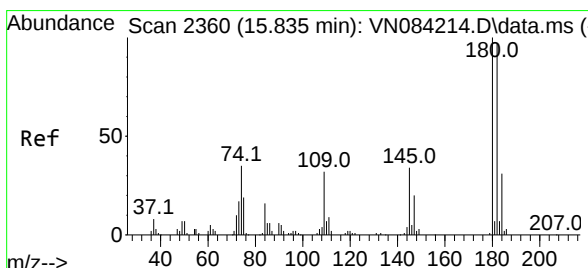
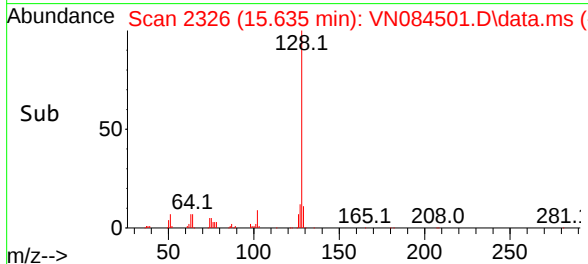
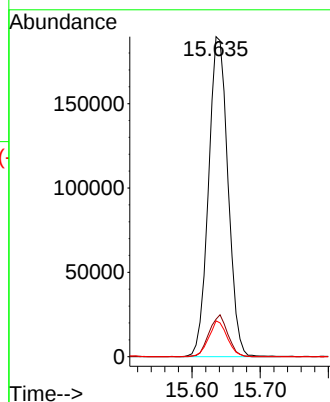
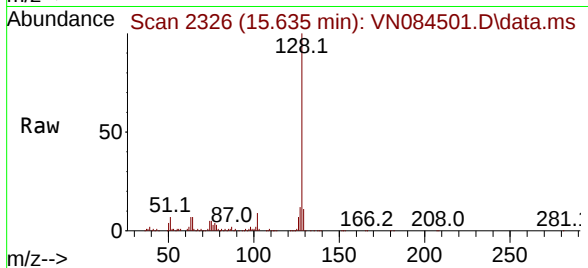




#95
Naphthalene
Concen: 48.460 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 376265
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.828 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084501.D
Acq: 24 Oct 2024 20:21

Tgt Ion:180 Resp: 107440
Ion Ratio Lower Upper
180 100
182 94.1 48.2 144.6
145 34.7 17.3 51.9

