

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084417.D
 Acq On : 15 Oct 2024 16:47
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 16 01:25:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31426	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	171575	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	162521	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77691	30.707	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.367%
60) 4-Bromofluorobenzene	12.847	95	81944	30.550	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.833%
63) Toluene-d8	10.565	98	229414	30.471	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.567%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	37652	19.624	ug/l	98
3) Chloromethane	2.359	50	43432	19.892	ug/l	97
4) Vinyl Chloride	2.518	62	44204	20.645	ug/l	93
5) Bromomethane	2.959	94	26860	18.934	ug/l	98
6) Chloroethane	3.118	64	27474	19.572	ug/l	96
7) Trichlorofluoromethane	3.500	101	71935	20.625	ug/l	95
8) Diethyl Ether	3.959	74	24529	19.129	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	40986	20.900	ug/l	99
10) 1,1-Dichloroethene	4.341	96	39251	20.059	ug/l	89
11) Methyl Iodide	4.594	142	49546	19.268	ug/l	96
12) Methyl Acetate	5.024	43	50426	20.585	ug/l	96
13) Acrolein	4.177	56	50998	112.069	ug/l	99
14) Acrylonitrile	5.718	53	101719	92.425	ug/l	97
15) Acetone	4.430	58	33195	105.587	ug/l	96
16) Carbon Disulfide	4.712	76	108238	18.576	ug/l	97
17) Allyl chloride	5.018	41	60522	19.080	ug/l	97
18) Methylene Chloride	5.277	84	44955	20.394	ug/l #	95
19) trans-1,2-Dichloroethene	5.794	96	39584	19.114	ug/l	94
20) Diisopropyl ether	6.671	45	137200	20.117	ug/l	99
21) 1,1-Dichloroethane	6.565	63	81381	20.796	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	49217	20.424	ug/l	98
23) tert-Butyl Alcohol	5.524	59	36260	85.894	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	126573	19.356	ug/l #	83
25) Chloroform	7.971	83	85287	21.519	ug/l	93
26) Cyclohexane	8.253	56	61497	18.790	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	56679	20.124	ug/l	99
30) 2-Butanone	7.482	43	140438	93.651	ug/l	100
31) 2,2-Dichloropropane	7.488	77	69066	20.867	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	74686	20.746	ug/l	99
33) Carbon Tetrachloride	8.359	117	63934	20.499	ug/l	99
34) Benzene	8.606	78	180198	20.439	ug/l	97
35) Methacrylonitrile	7.777	41	31333	19.586	ug/l	96
36) 1,2-Dichloroethane	8.665	62	61671	20.985	ug/l	99
37) Trichloroethene	9.353	130	40658	20.027	ug/l	93
38) Methylcyclohexane	9.600	83	58414	18.881	ug/l	97
39) 1,2-Dichloropropane	9.618	63	44799	20.837	ug/l	97
40) Dibromomethane	9.706	93	31920	21.243	ug/l	95
41) Bromodichloromethane	9.888	83	66221	20.759	ug/l	96
42) Vinyl Acetate	6.600	43	479248	91.891	ug/l	99

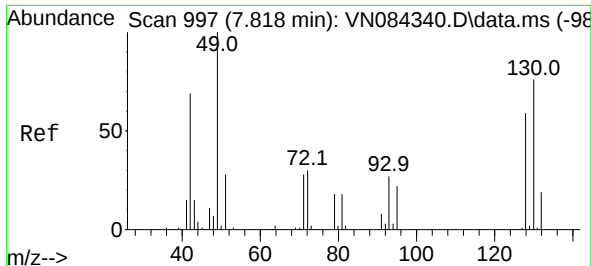
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	55620	18.806	ug/l	99
44) Isopropyl Acetate	8.688	43	90534	18.703	ug/l	99
45) 1,4-Dioxane	9.694	88	15960	365.748	ug/l	98
46) Methyl methacrylate	9.682	41	43401	18.557	ug/l	97
47) n-amyl Acetate	12.494	43	78587	18.252	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	63488	19.260	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	68496	19.827	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	41454	20.525	ug/l	95
51) Ethyl methacrylate	10.870	69	62573	18.756	ug/l	98
52) 1,3-Dichloropropane	11.159	76	70752	20.034	ug/l	97
53) Dibromochloromethane	11.359	129	49001	20.538	ug/l	100
54) 1,2-Dibromoethane	11.470	107	41555	19.988	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	155354	102.673	ug/l	99
56) Bromoform	12.576	173	31690	20.026	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	282606	93.346	ug/l	99
59) 2-Hexanone	11.194	43	206950	91.991	ug/l	99
61) Tetrachloroethene	11.100	164	38076	20.712	ug/l	94
62) Toluene	10.629	91	192456	20.228	ug/l	100
64) Chlorobenzene	11.888	112	116908	19.746	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	42259	20.545	ug/l	99
66) Ethyl Benzene	11.965	91	203480	19.685	ug/l	100
67) m/p-Xylenes	12.070	106	161408	41.162	ug/l	97
68) o-Xylene	12.400	106	74145	19.616	ug/l	100
69) Styrene	12.412	104	129538	19.965	ug/l	98
70) Isopropylbenzene	12.694	105	189076	19.595	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.935	83	58461	19.585	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	75402	29.495	ug/l	57
73) Bromobenzene	12.976	156	46479	19.889	ug/l	99
74) n-propylbenzene	13.035	91	230203	20.020	ug/l	98
75) 2-Chlorotoluene	13.123	91	144713	20.253	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	165372	20.355	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	19356	17.719	ug/l	97
78) 4-Chlorotoluene	13.217	91	144600	19.905	ug/l	99
79) tert-butylbenzene	13.435	119	136212	19.652	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	165926	20.128	ug/l	99
81) sec-Butylbenzene	13.617	105	190662	19.980	ug/l	99
82) p-Isopropyltoluene	13.729	119	156911	19.536	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	89109	20.508	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	83041	19.246	ug/l	99
85) n-Butylbenzene	14.053	91	131589	18.916	ug/l	99
86) Hexachloroethane	14.329	117	30260	19.555	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	84319	20.071	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11401	18.677	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	39440	18.056	ug/l	96
90) Hexachlorobutadiene	15.500	225	18669	18.475	ug/l	97
91) Naphthalene	15.641	128	113022	15.269	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	39440	18.056	ug/l	96

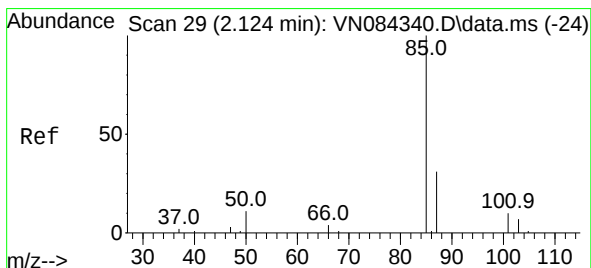
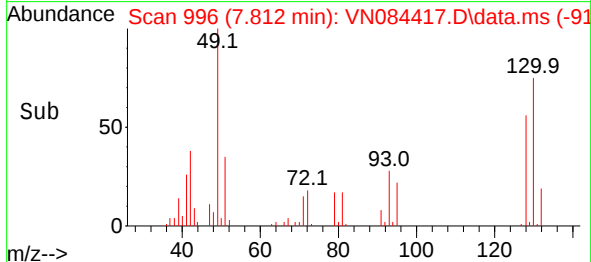
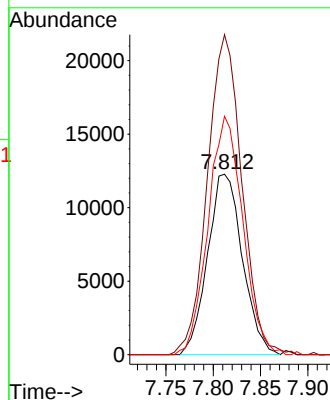
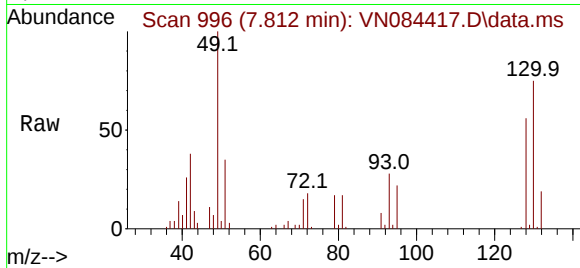
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

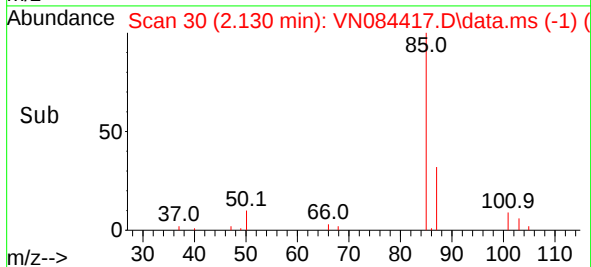
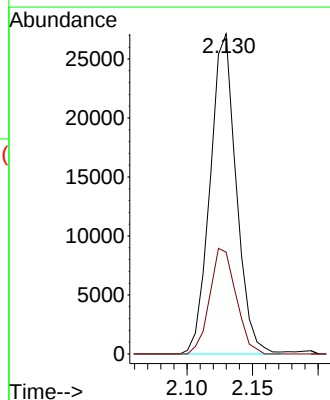
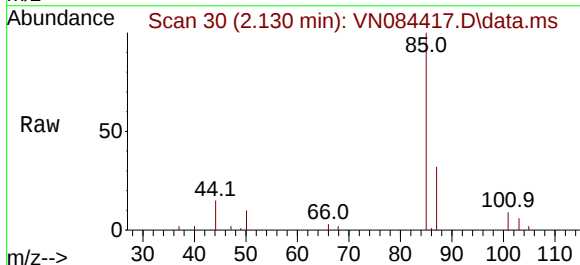
Instrument :
MSVOA_N
ClientSampleId :

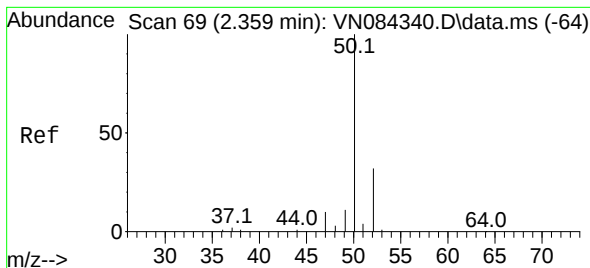
Tgt Ion:128 Resp: 31426
Ion Ratio Lower Upper
128 100
49 175.3 0.0 430.0
130 131.7 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 19.624 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 85 Resp: 37652
Ion Ratio Lower Upper
85 100
87 31.8 15.4 46.4





#3

Chloromethane

Concen: 19.892 ug/l

RT: 2.359 min Scan# 64

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

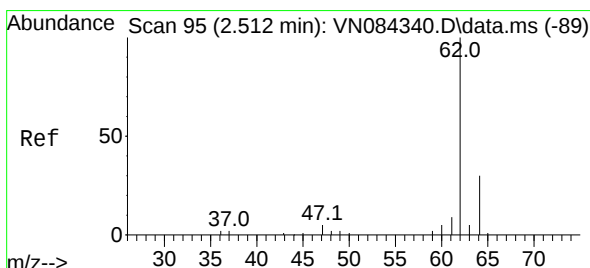
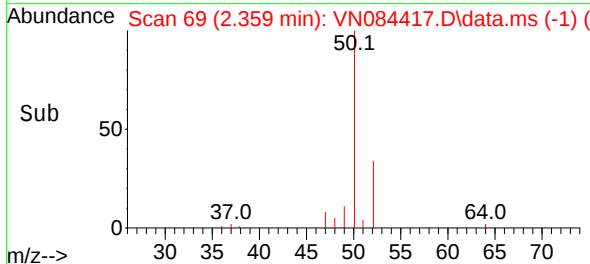
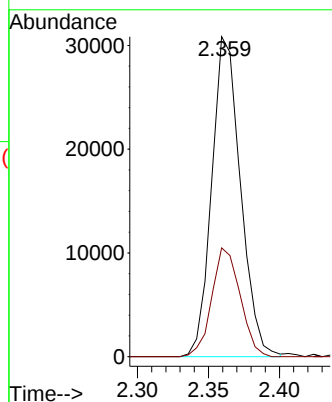
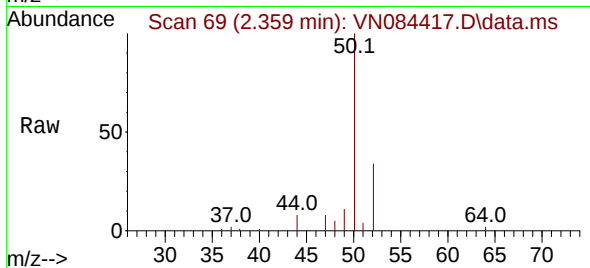
ClientSampleId :

Tgt Ion: 50 Resp: 43432

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.6



#4

Vinyl Chloride

Concen: 20.645 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN084417.D

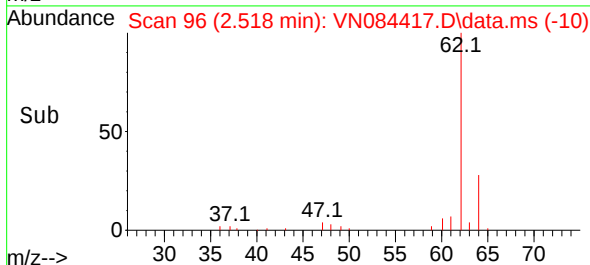
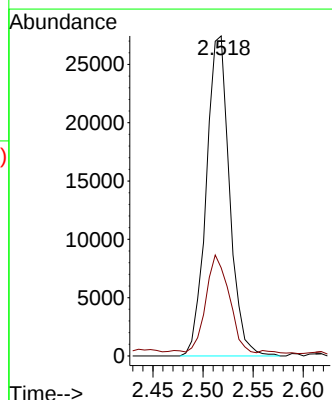
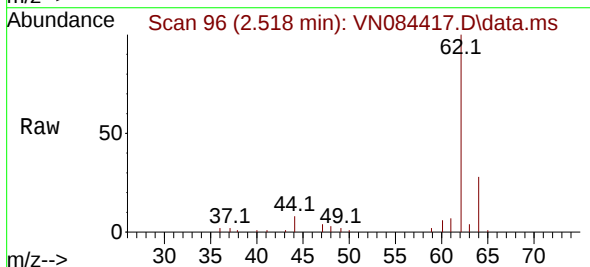
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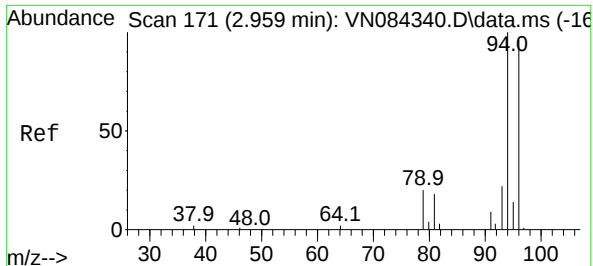
Tgt Ion: 62 Resp: 44204

Ion Ratio Lower Upper

62 100

64 26.6 24.3 36.5

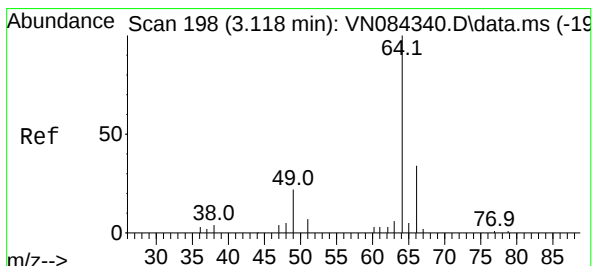
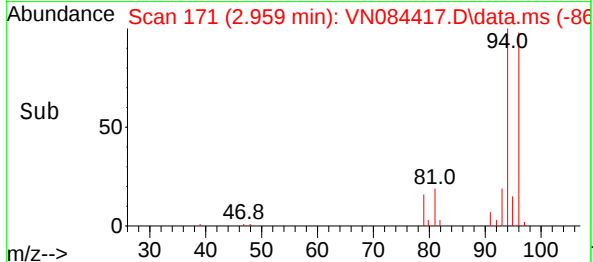
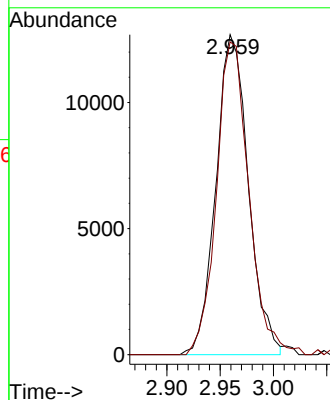
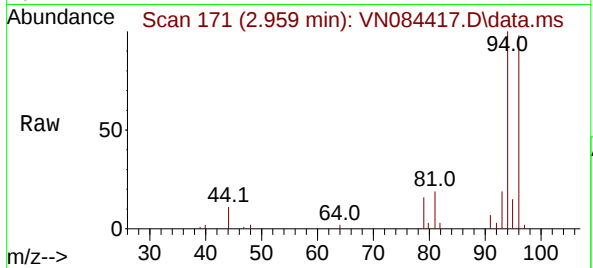




#5
Bromomethane
Concen: 18.934 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

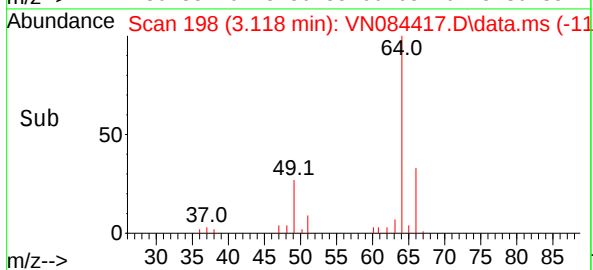
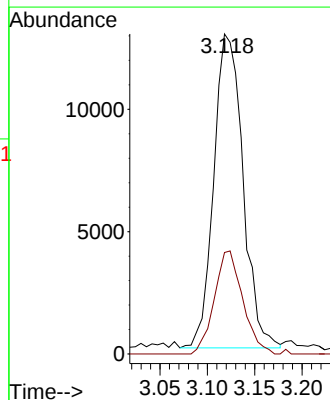
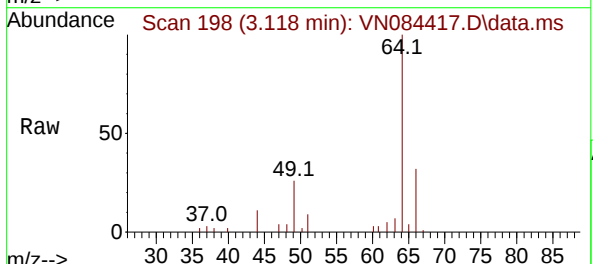
Instrument :
MSVOA_N
ClientSampleId :

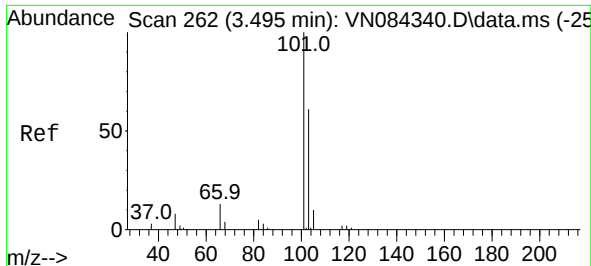
Tgt Ion: 94 Resp: 26860
Ion Ratio Lower Upper
94 100
96 97.7 76.7 115.1



#6
Chloroethane
Concen: 19.572 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 64 Resp: 27474
Ion Ratio Lower Upper
64 100
66 32.3 27.7 41.5

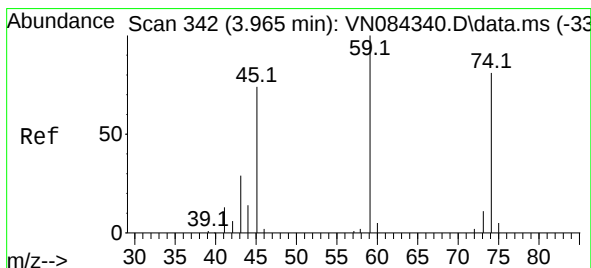
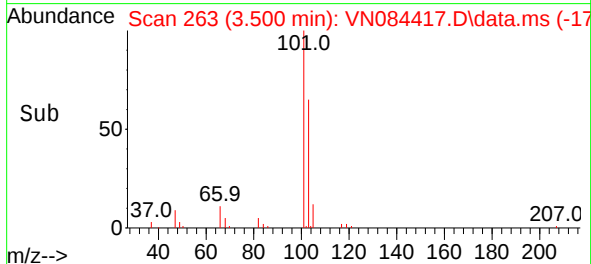
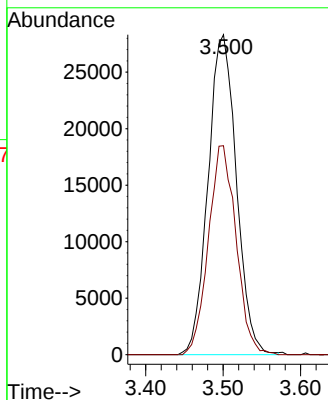
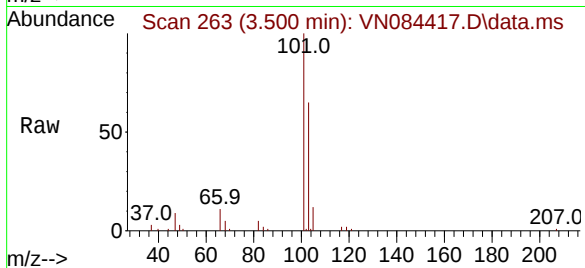




#7
Trichlorofluoromethane
Concen: 20.625 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

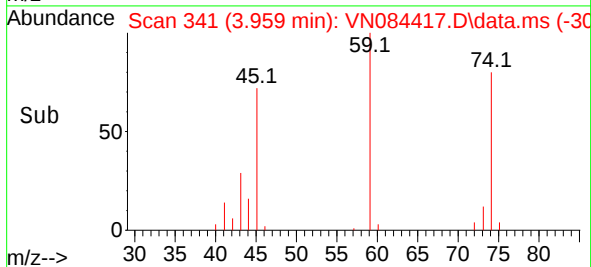
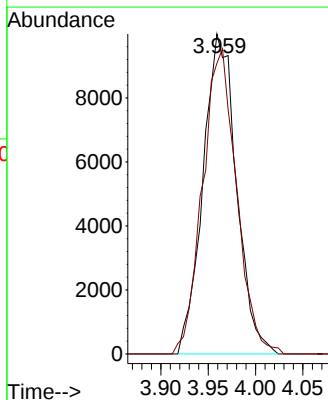
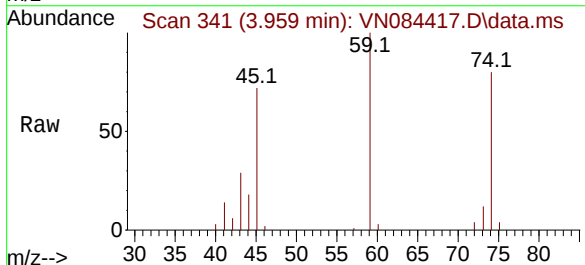
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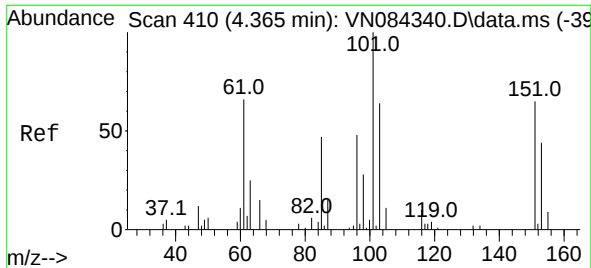
Tgt Ion:101 Resp: 71935
Ion Ratio Lower Upper
101 100
103 65.3 49.0 73.6



#8
Diethyl Ether
Concen: 19.129 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 74 Resp: 24529
Ion Ratio Lower Upper
74 100
45 96.8 19.2 173.2

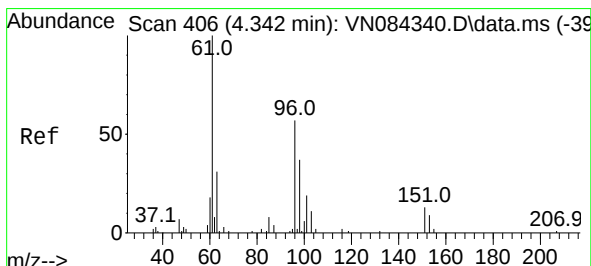
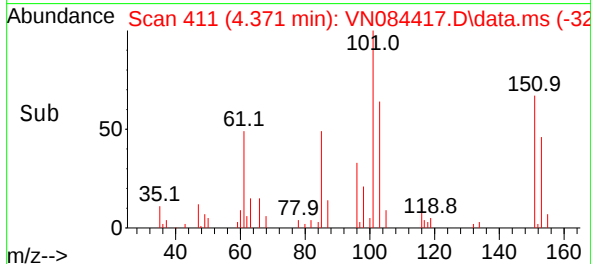
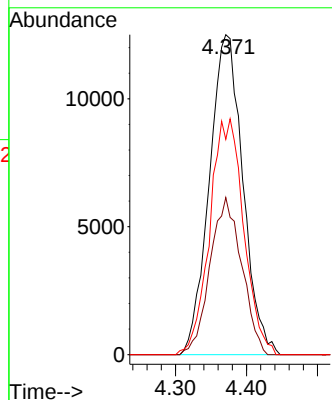
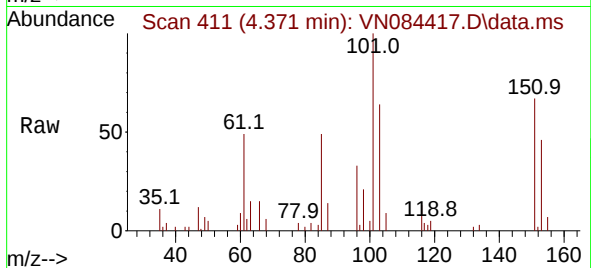




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.900 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

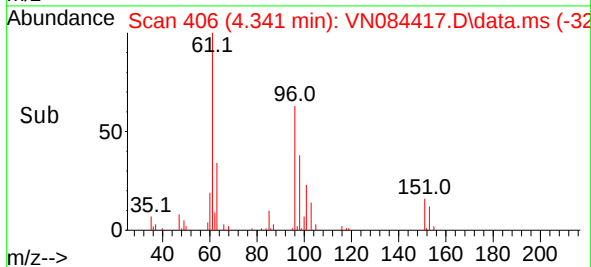
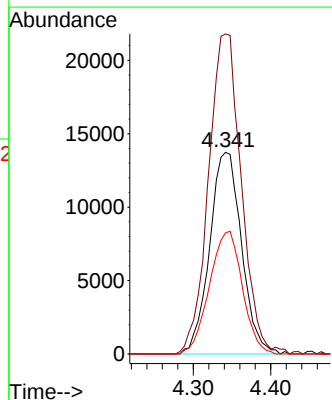
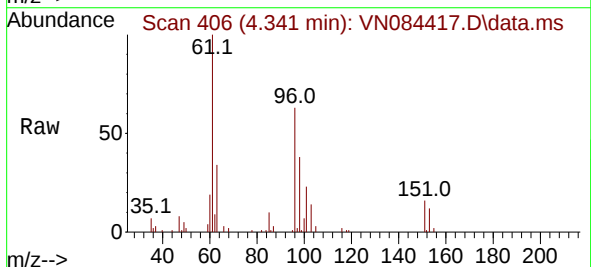
Instrument :
MSVOA_N
ClientSampleId :

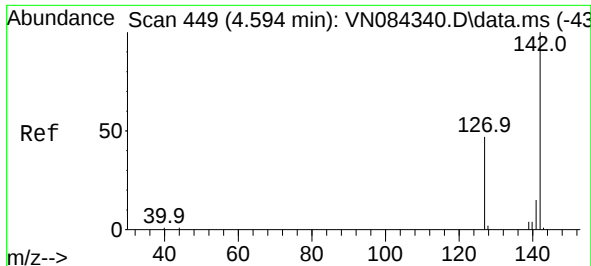
Tgt Ion:101 Resp: 40986
Ion Ratio Lower Upper
101 100
85 46.4 0.0 93.6
151 74.6 0.0 151.8



#10
1,1-Dichloroethene
Concen: 20.059 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

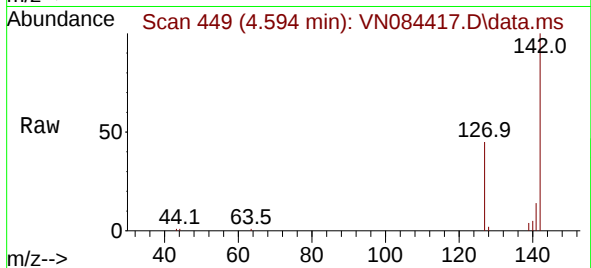
Tgt Ion: 96 Resp: 39251
Ion Ratio Lower Upper
96 100
61 157.5 140.8 211.2
98 60.1 52.2 78.2



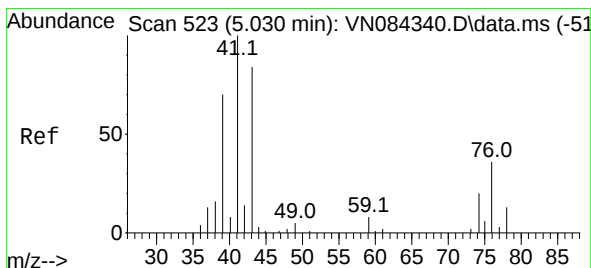
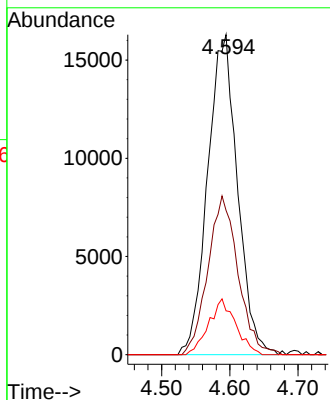
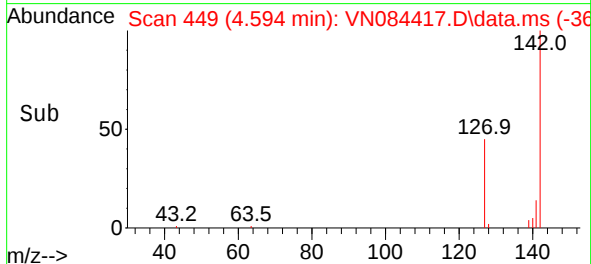


#11
Methyl Iodide
Concen: 19.268 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

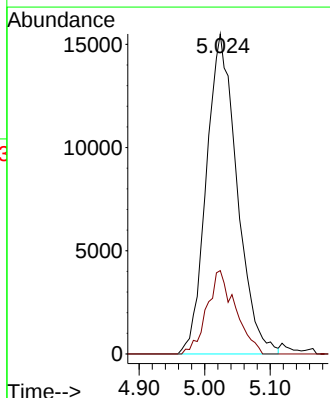
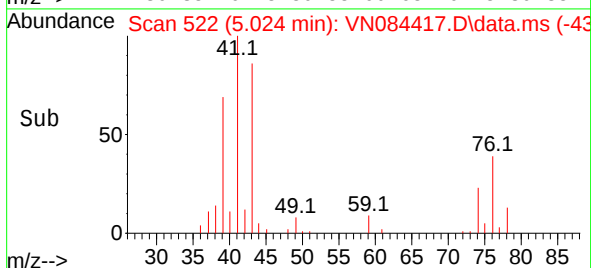
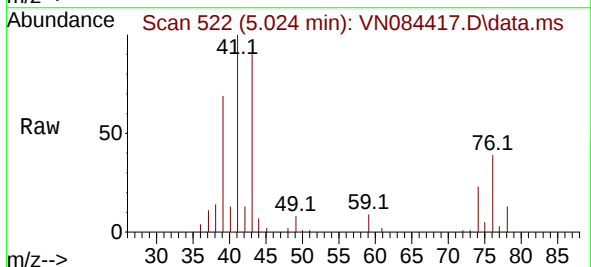


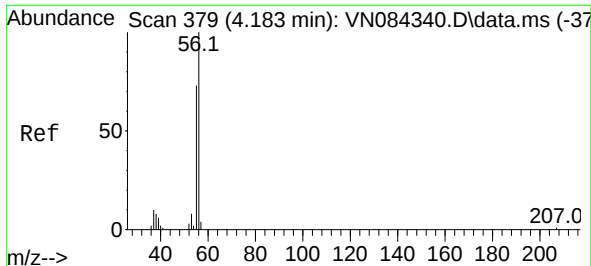
Tgt Ion:142 Resp: 49546
Ion Ratio Lower Upper
142 100
127 44.6 23.8 71.4
141 13.7 7.4 22.2



#12
Methyl Acetate
Concen: 20.585 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

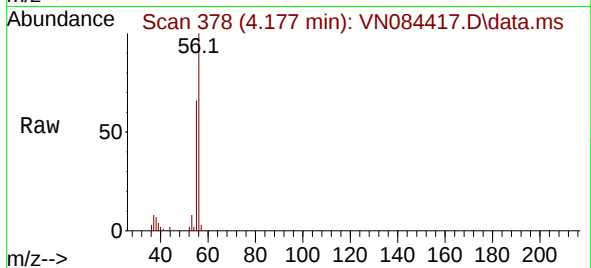
Tgt Ion: 43 Resp: 50426
Ion Ratio Lower Upper
43 100
74 26.3 19.4 29.2



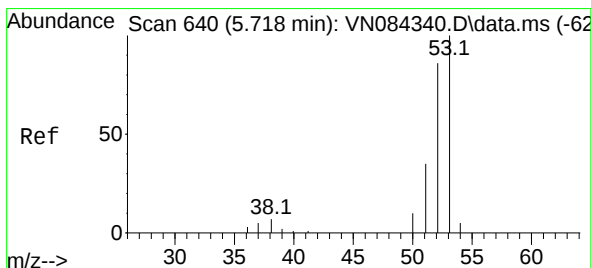
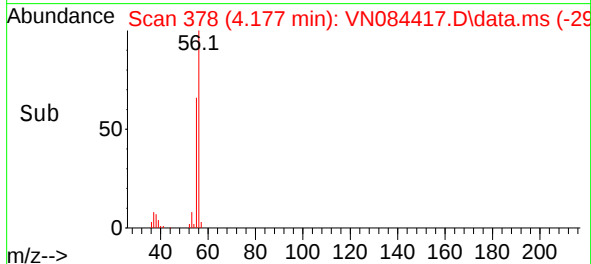
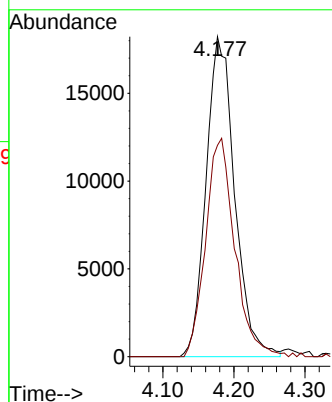


#13
Acrolein
Concen: 112.069 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

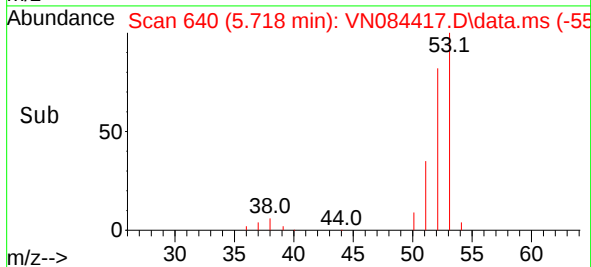
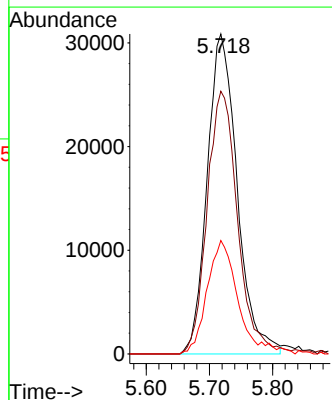
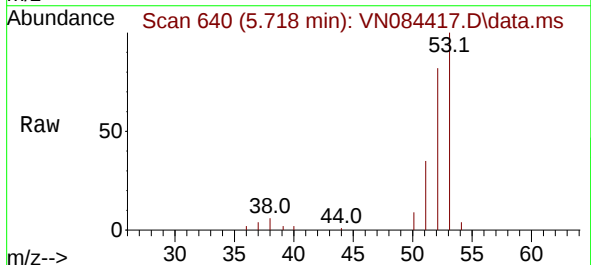


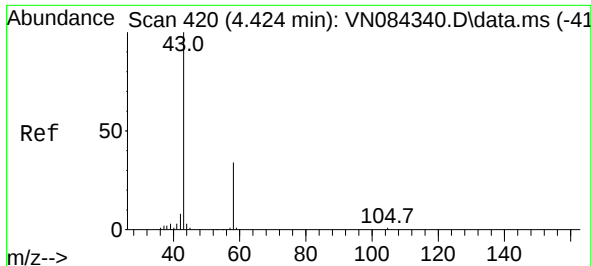
Tgt Ion: 56 Resp: 50998
Ion Ratio Lower Upper
56 100
55 69.4 56.4 84.6



#14
Acrylonitrile
Concen: 92.425 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 53 Resp: 101719
Ion Ratio Lower Upper
53 100
52 83.4 40.4 121.2
51 34.5 17.8 53.4





#15

Acetone

Concen: 105.587 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

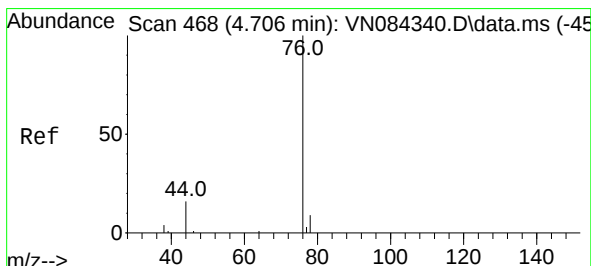
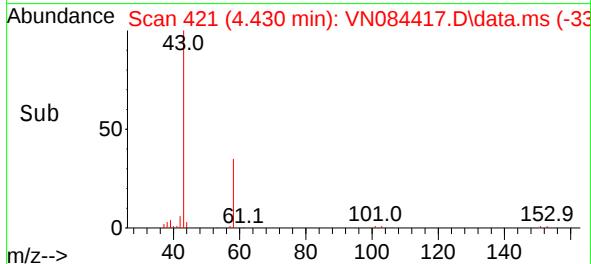
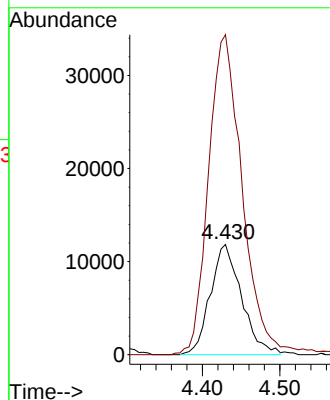
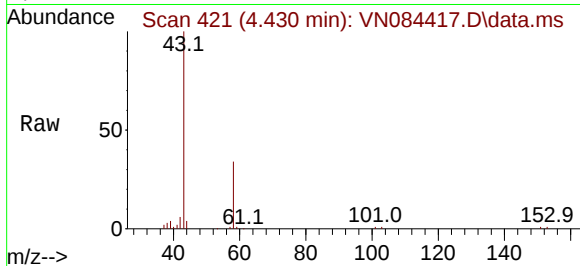
ClientSampleId :

Tgt Ion: 58 Resp: 33195

Ion Ratio Lower Upper

58 100

43 288.4 237.5 356.3



#16

Carbon Disulfide

Concen: 18.576 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084417.D

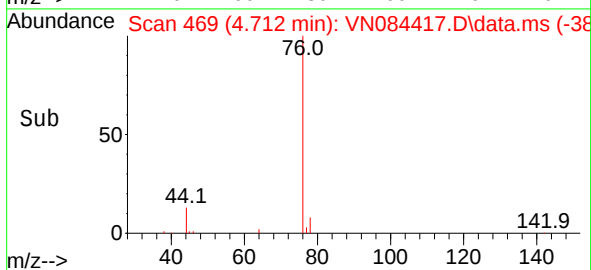
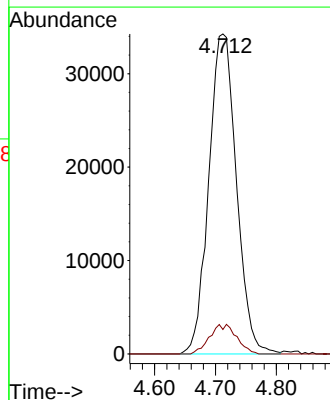
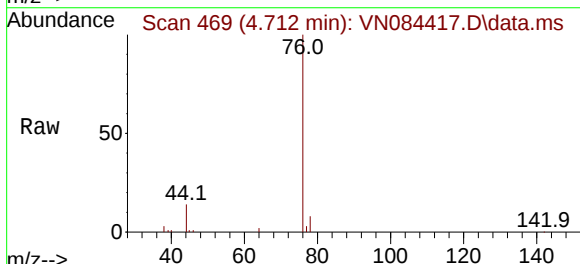
Acq: 15 Oct 2024 16:47

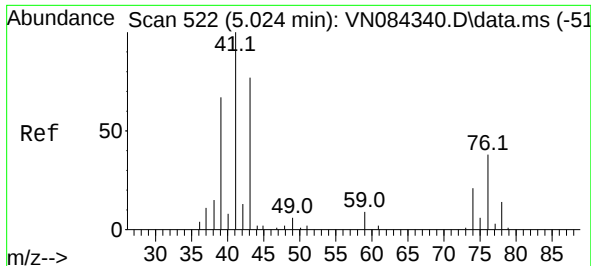
Tgt Ion: 76 Resp: 108238

Ion Ratio Lower Upper

76 100

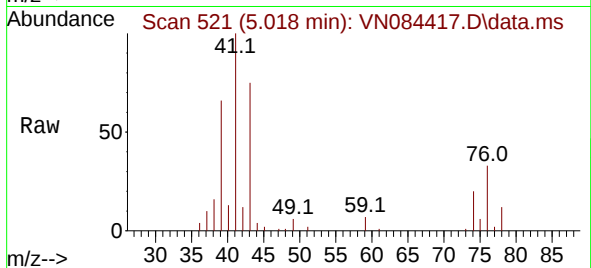
78 7.7 7.1 10.7



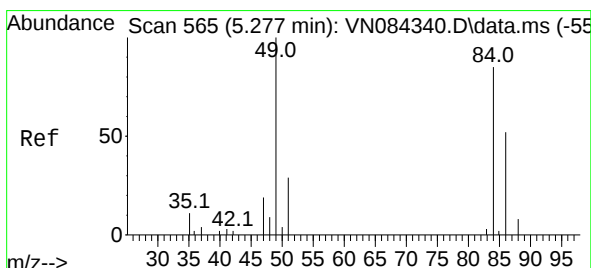
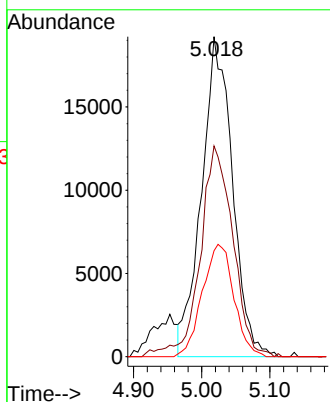
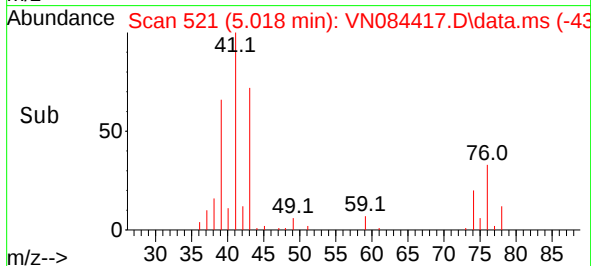


#17
Allyl chloride
Concen: 19.080 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

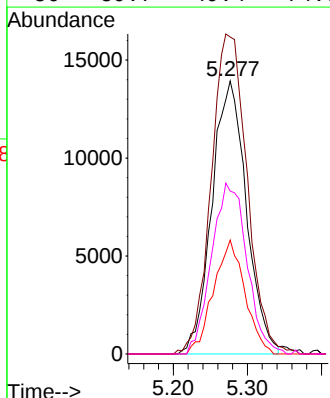
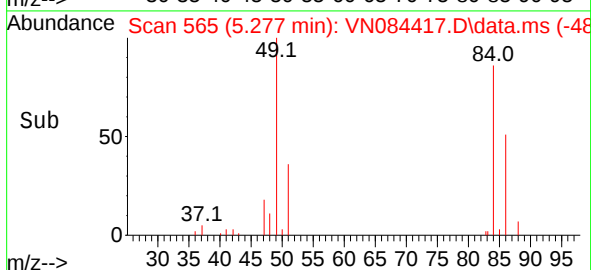
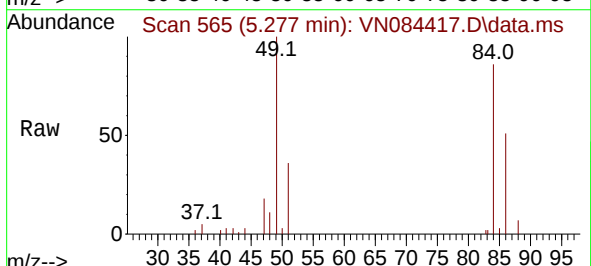


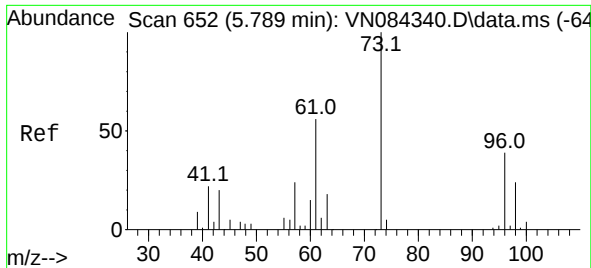
Tgt Ion:	41	Resp:	60522
Ion	Ratio	Lower	Upper
41	100		
39	64.9	31.4	94.3
76	33.1	17.8	53.5



#18
Methylene Chloride
Concen: 20.394 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:	84	Resp:	44955
Ion	Ratio	Lower	Upper
84	100		
49	114.7	94.6	142.0
51	41.7	27.3	40.9#
86	59.7	49.4	74.0





#19

trans-1,2-Dichloroethene

Concen: 19.114 ug/l

RT: 5.794 min Scan# 652

Delta R.T. 0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

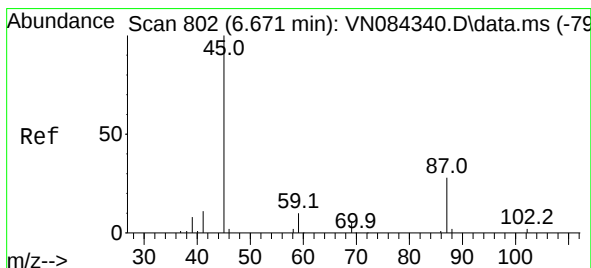
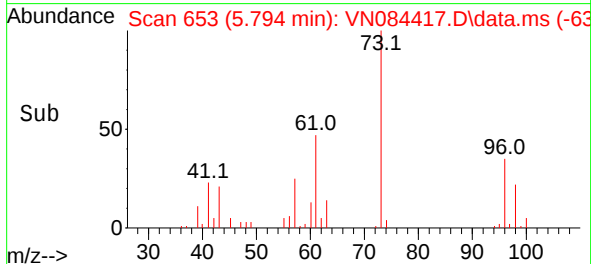
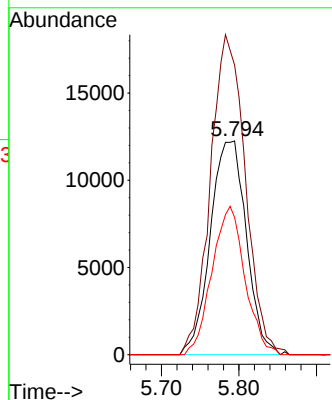
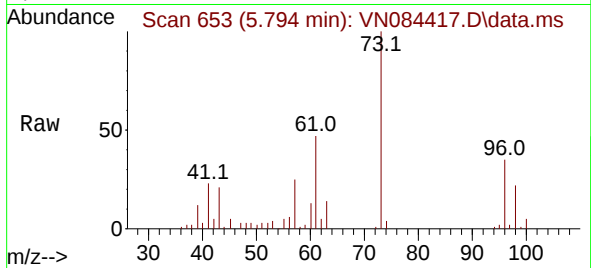
Tgt Ion: 96 Resp: 39584

Ion Ratio Lower Upper

96 100

61 135.5 115.8 173.6

98 64.3 49.4 74.0



#20

Diisopropyl ether

Concen: 20.117 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Tgt Ion: 45 Resp: 137200

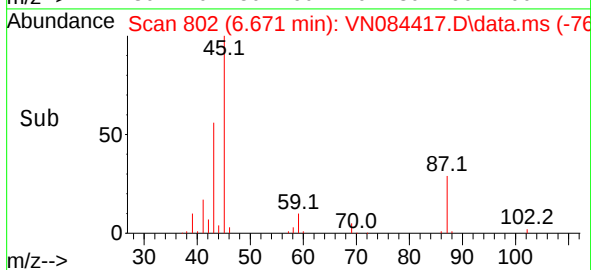
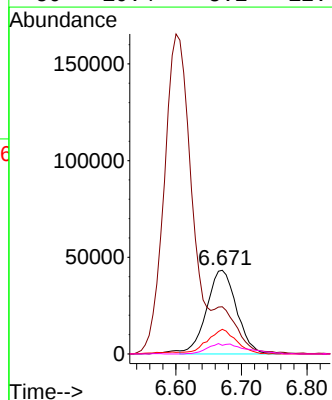
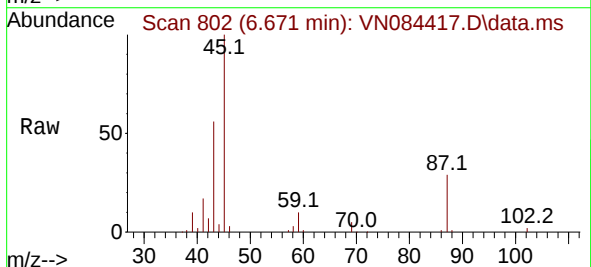
Ion Ratio Lower Upper

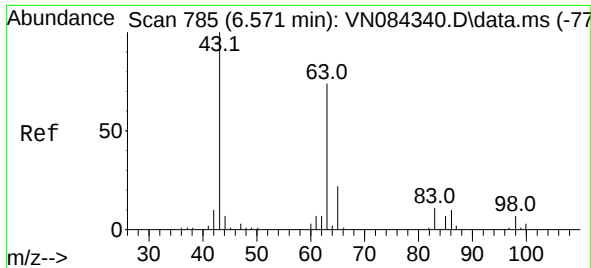
45 100

43 54.8 43.7 65.5

87 29.6 23.1 34.7

59 10.4 8.2 12.4

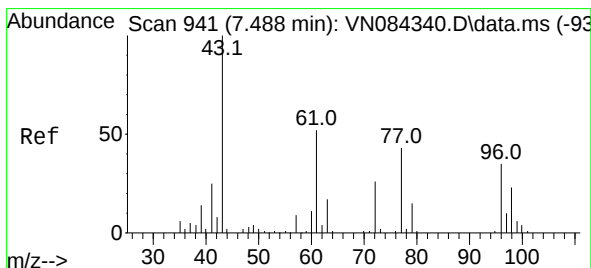
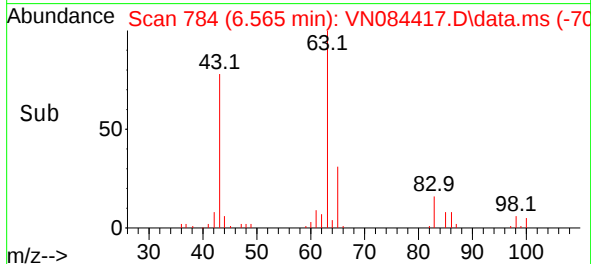
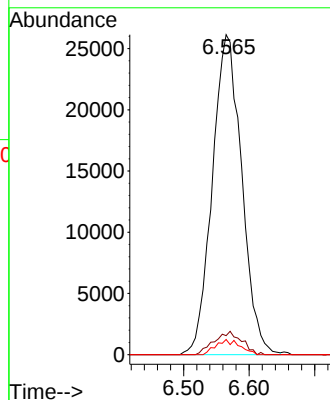
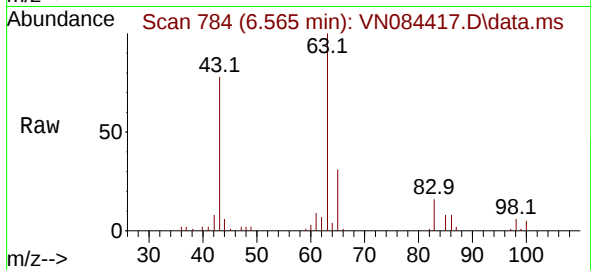




#21
1,1-Dichloroethane
Concen: 20.796 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

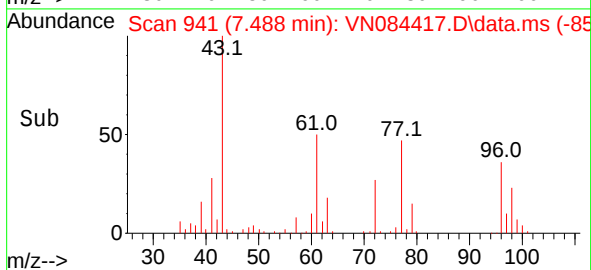
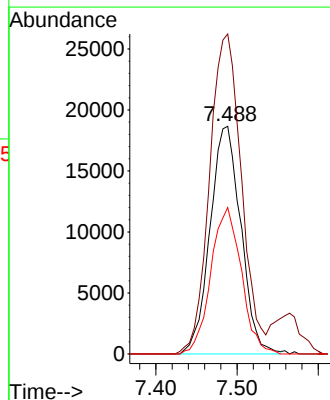
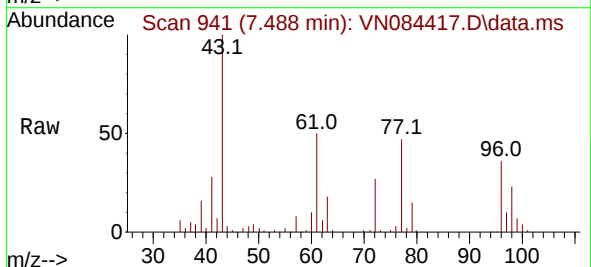
Instrument :
MSVOA_N
ClientSampleId :

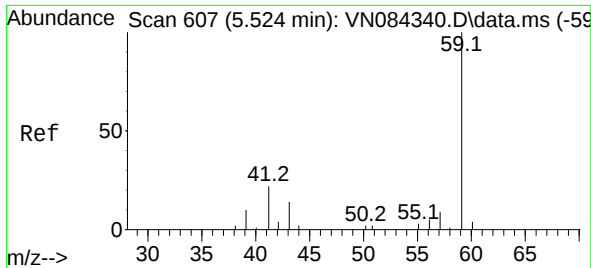
Tgt Ion:	63	Resp:	81381
Ion Ratio	Lower	Upper	
63	100		
98	5.9	4.5	13.4
100	4.7	2.1	6.3



#22
cis-1,2-Dichloroethene
Concen: 20.424 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:	96	Resp:	49217
Ion Ratio	Lower	Upper	
96	100		
61	144.9	118.0	177.0
98	63.5	51.8	77.8





#23

tert-Butyl Alcohol

Concen: 85.894 ug/l

RT: 5.524 min Scan# 607

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

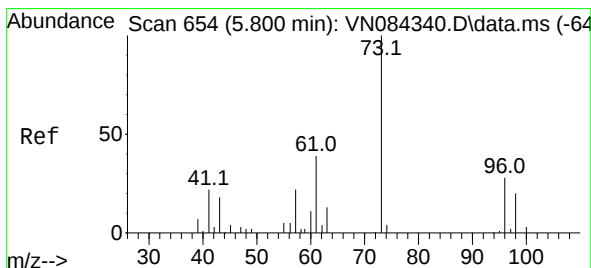
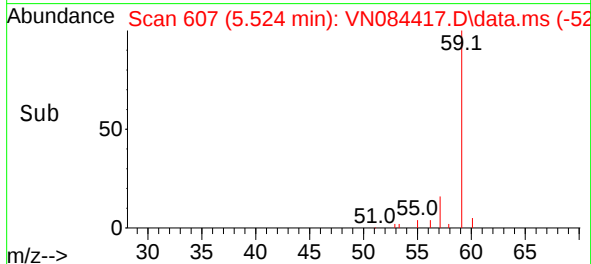
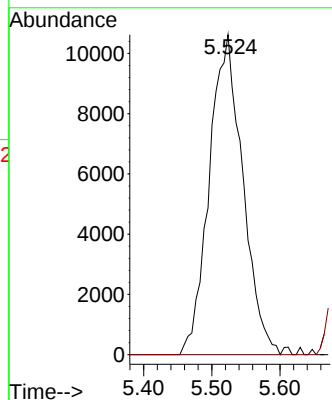
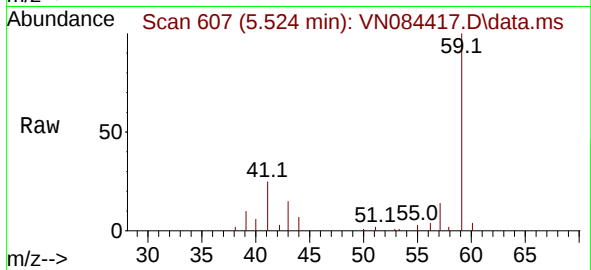
ClientSampleId :

Tgt Ion: 59 Resp: 36260

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.356 ug/l

RT: 5.788 min Scan# 652

Delta R.T. -0.012 min

Lab File: VN084417.D

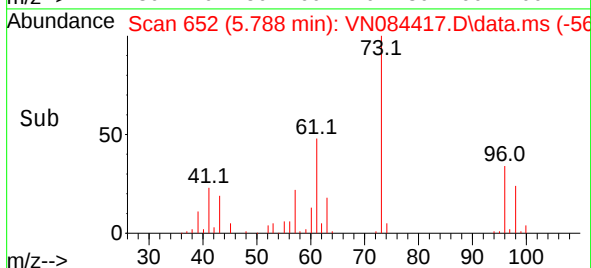
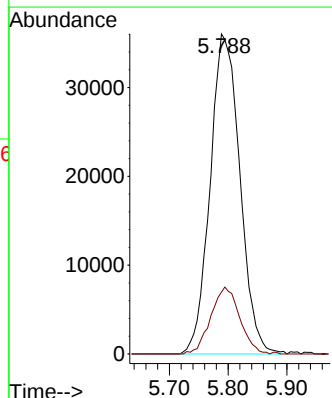
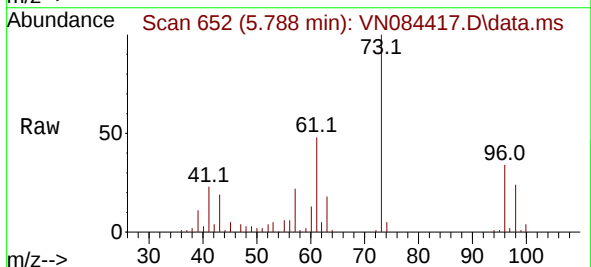
Acq: 15 Oct 2024 16:47

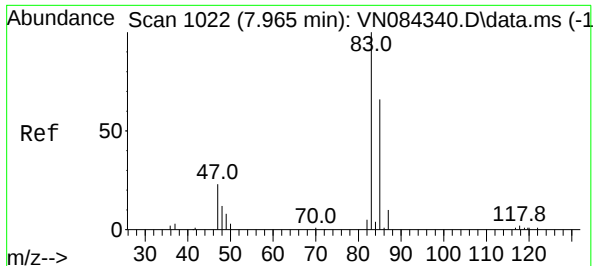
Tgt Ion: 73 Resp: 126573

Ion Ratio Lower Upper

73 100

43 20.3 10.9 16.3#

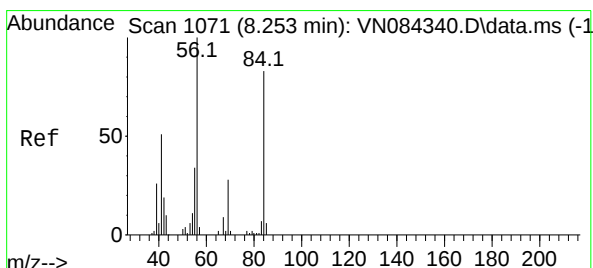
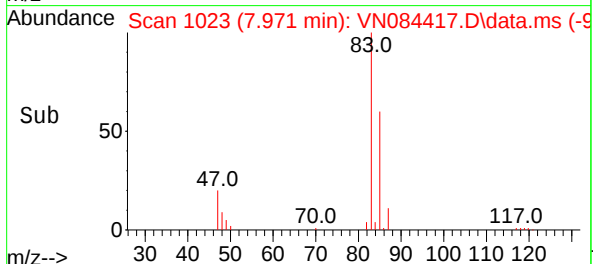
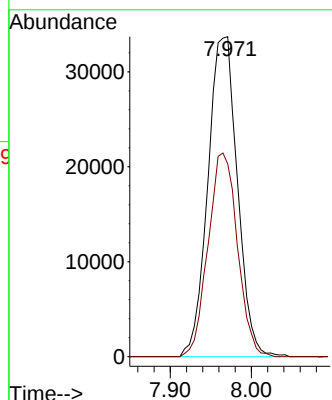
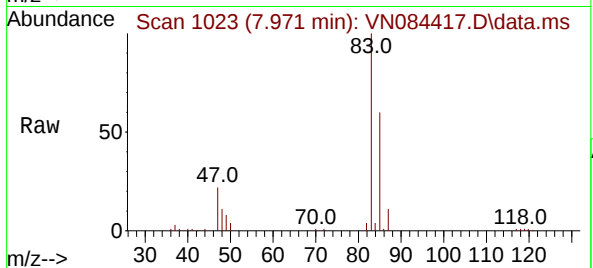




#25
Chloroform
Concen: 21.519 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

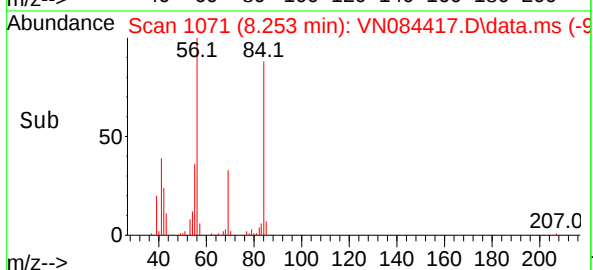
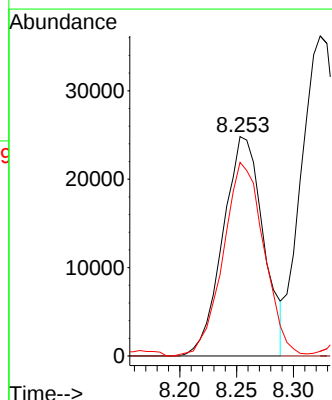
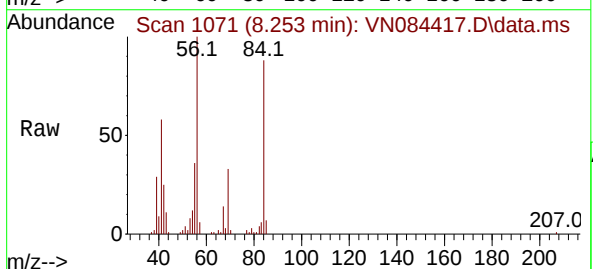
Instrument :
MSVOA_N
ClientSampleId :

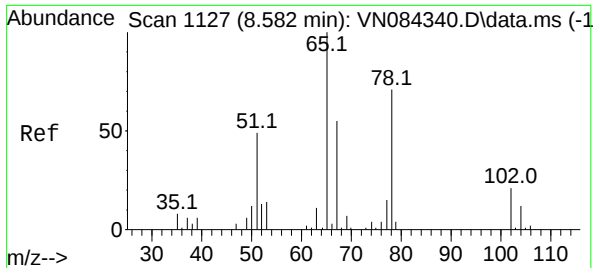
Tgt Ion: 83 Resp: 85287
Ion Ratio Lower Upper
83 100
85 60.3 52.4 78.6



#26
Cyclohexane
Concen: 18.790 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 56 Resp: 61497
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.1 67.0 100.6

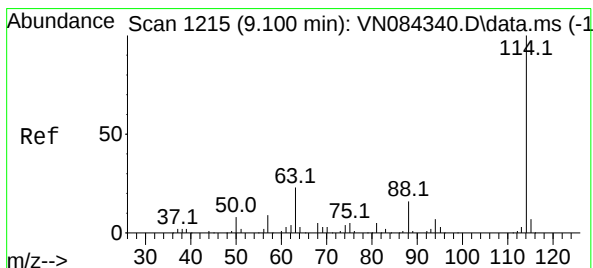
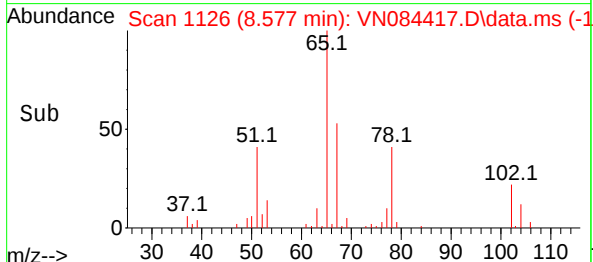
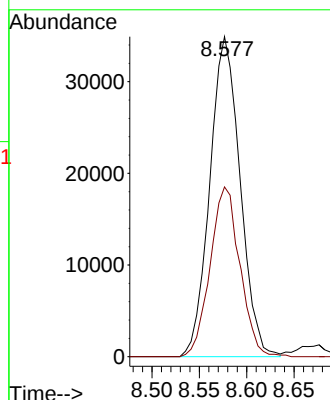
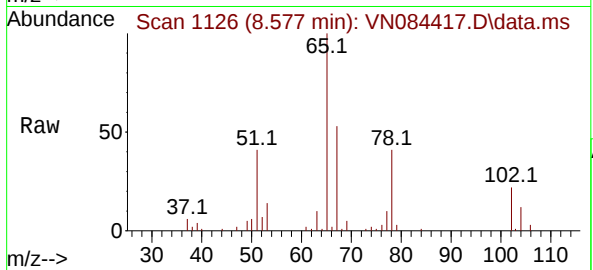




#27
1,2-Dichloroethane-d4
Concen: 30.707 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

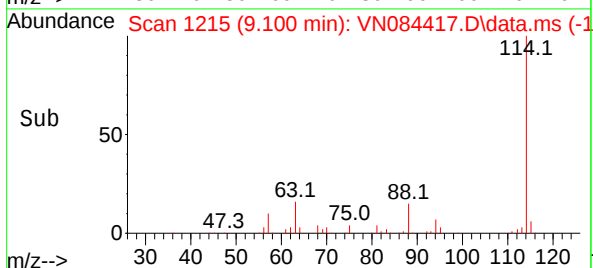
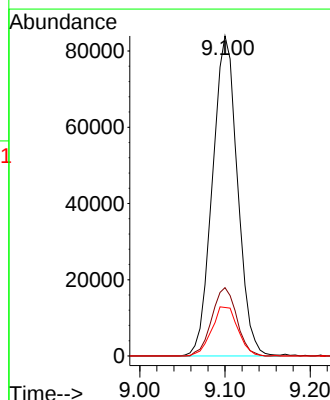
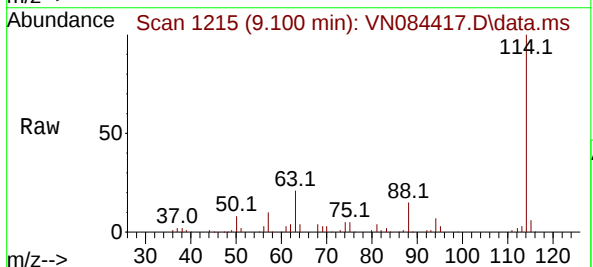
Instrument :
MSVOA_N
ClientSampleId :

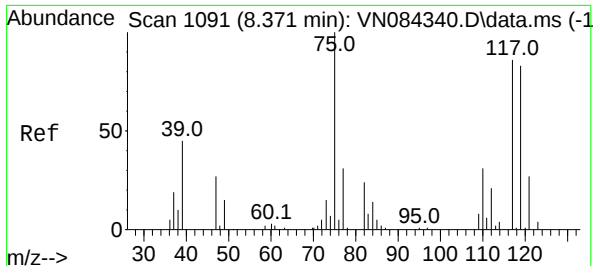
Tgt Ion: 65 Resp: 77691
Ion Ratio Lower Upper
65 100
67 52.1 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:114 Resp: 171575
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.0
88 16.0 13.2 19.8

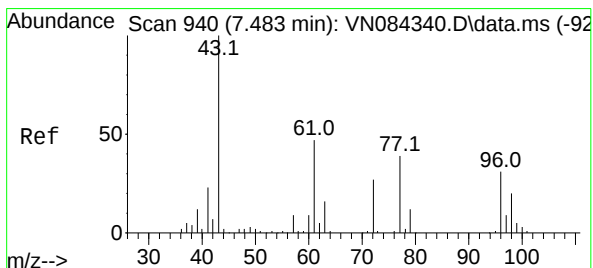
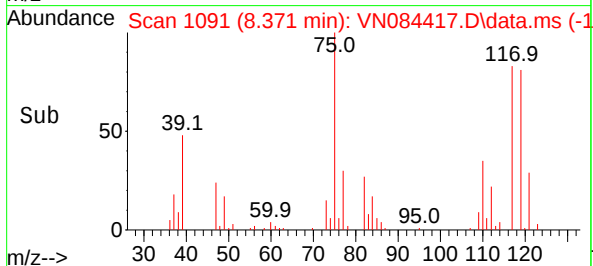
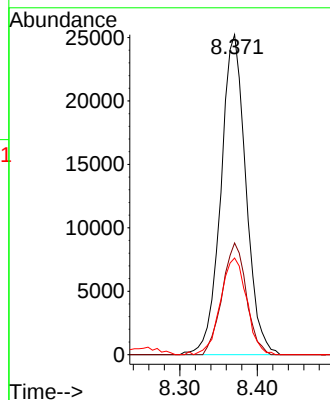
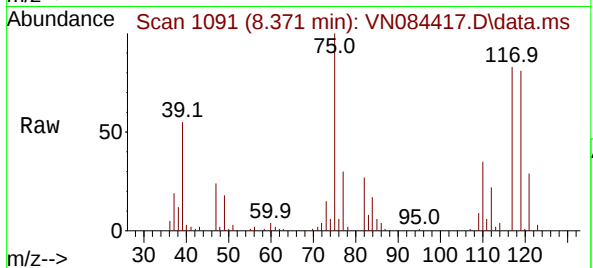




#29
1,1-Dichloropropene
Concen: 20.124 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

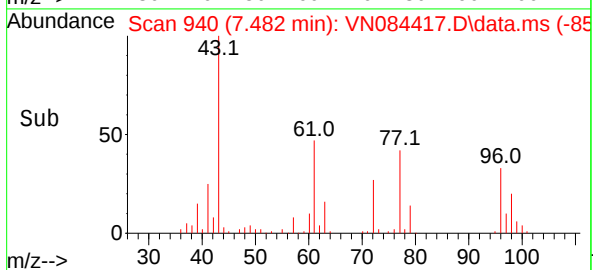
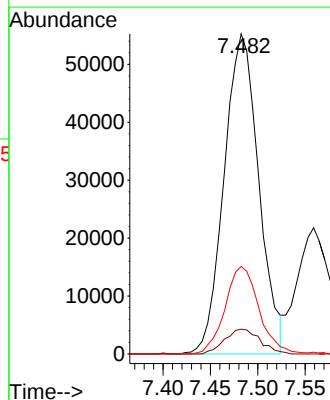
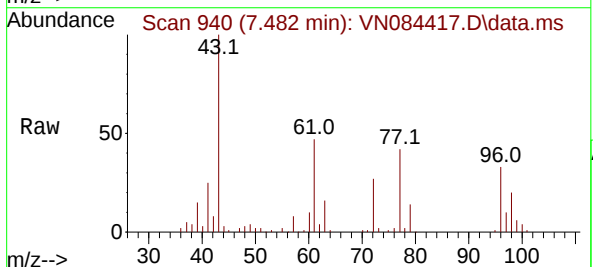
Instrument :
MSVOA_N
ClientSampleId :

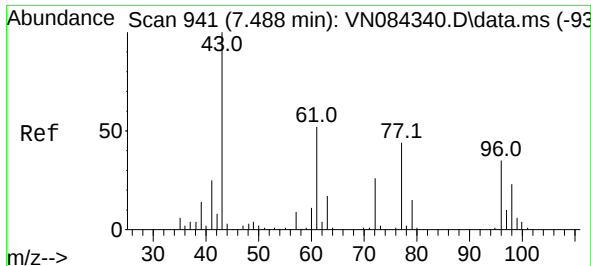
Tgt Ion: 75 Resp: 56679
Ion Ratio Lower Upper
75 100
110 33.7 0.0 67.6
77 31.5 0.0 61.4



#30
2-Butanone
Concen: 93.651 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 43 Resp: 140438
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 26.8 21.3 31.9

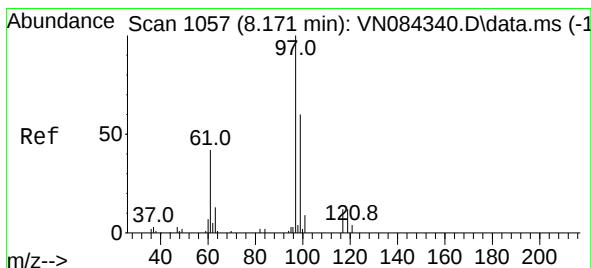
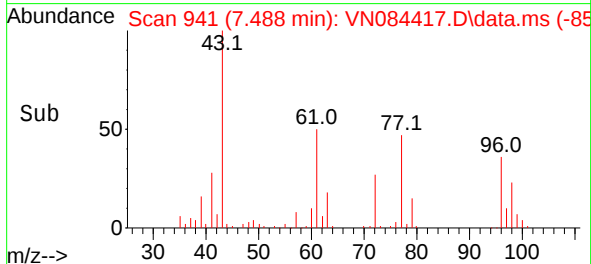
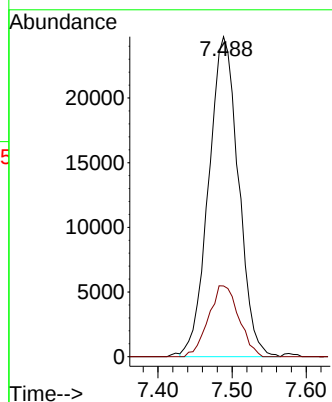
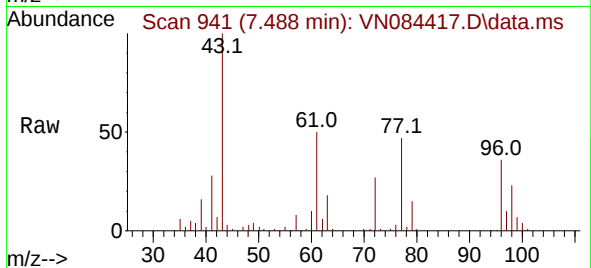




#31
2,2-Dichloropropane
Concen: 20.867 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

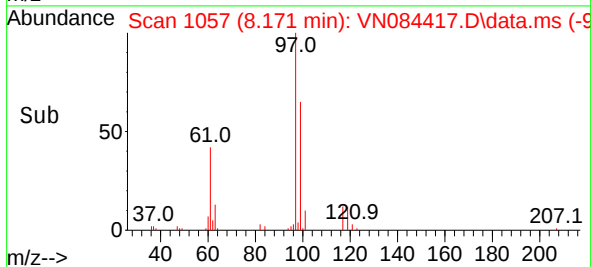
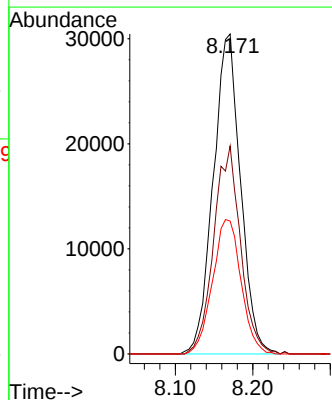
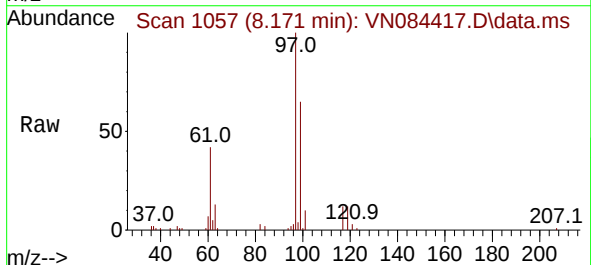
Instrument :
MSVOA_N
ClientSampleId :

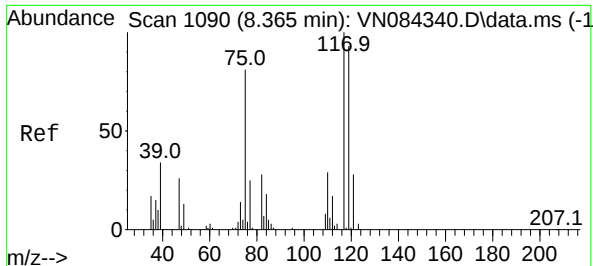
Tgt Ion: 77 Resp: 69066
Ion Ratio Lower Upper
77 100
97 22.5 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 20.746 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

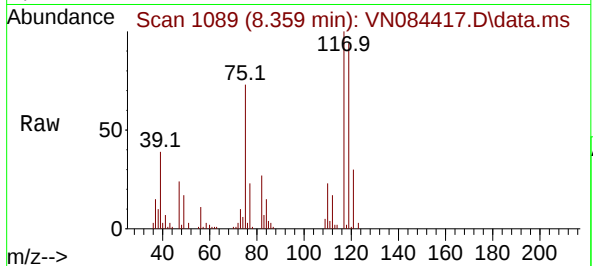
Tgt Ion: 97 Resp: 74686
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 43.9 34.1 51.1



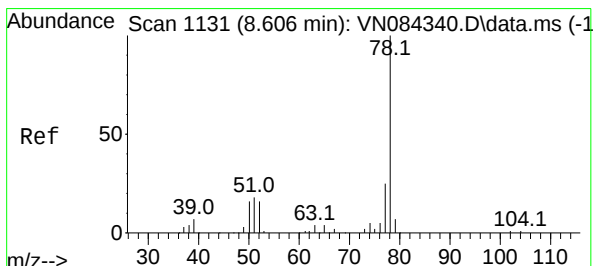
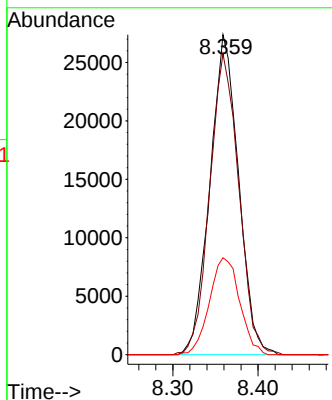
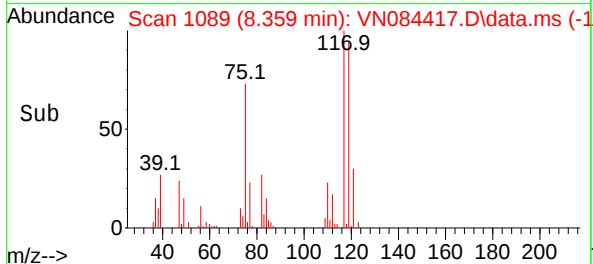


#33
Carbon Tetrachloride
Concen: 20.499 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

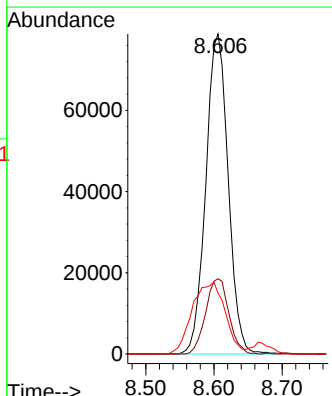
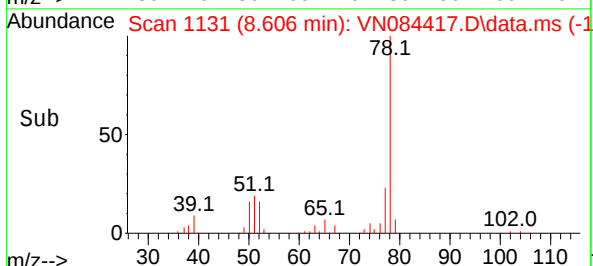
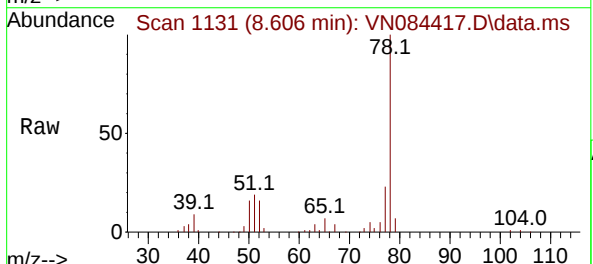


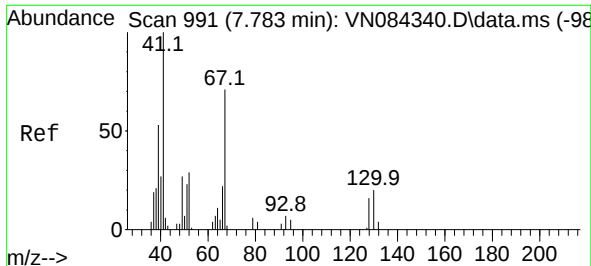
Tgt Ion:117 Resp: 63934
Ion Ratio Lower Upper
117 100
119 93.4 74.3 111.5
121 30.3 22.4 33.6



#34
Benzene
Concen: 20.439 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 78 Resp: 180198
Ion Ratio Lower Upper
78 100
77 23.5 19.6 29.4
51 18.2 15.8 23.6





#35

Methacrylonitrile

Concen: 19.586 ug/l

RT: 7.777 min Scan# 991

Delta R.T. -0.006 min MSVOA_N

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41 Resp: 31333

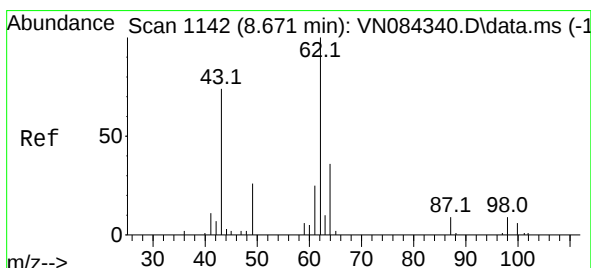
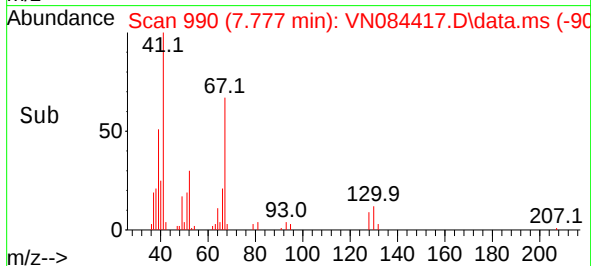
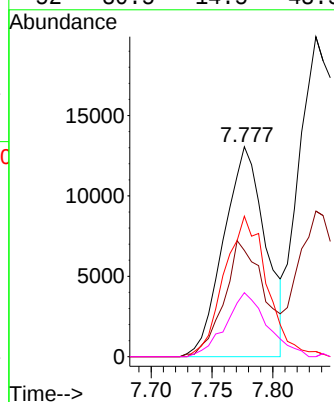
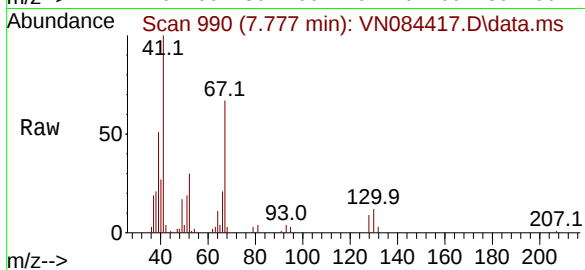
Ion Ratio Lower Upper

41 100

39 50.6 26.4 79.0

67 66.9 35.7 107.1

52 30.5 14.5 43.5



#36

1,2-Dichloroethane

Concen: 20.985 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN084417.D

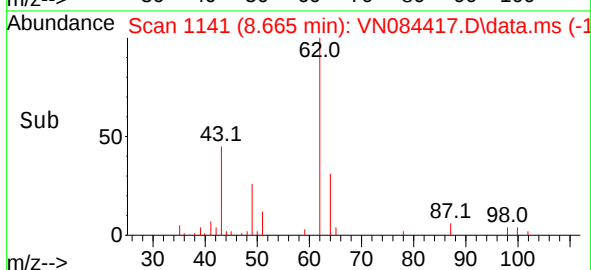
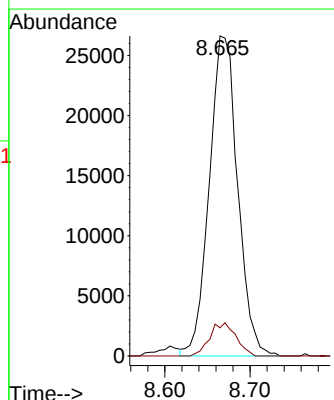
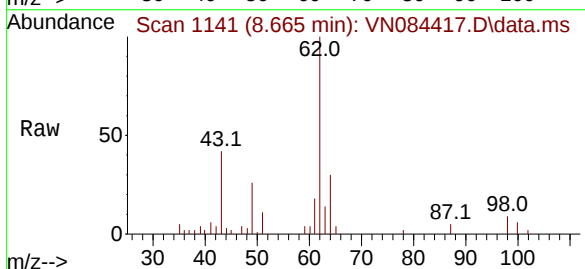
Acq: 15 Oct 2024 16:47

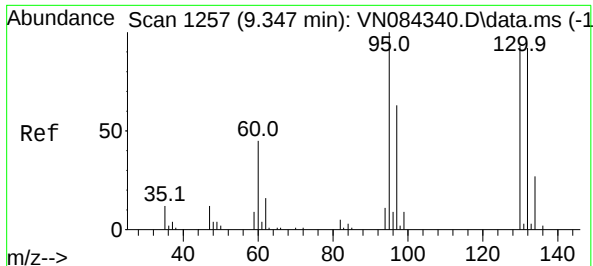
Tgt Ion: 62 Resp: 61671

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9

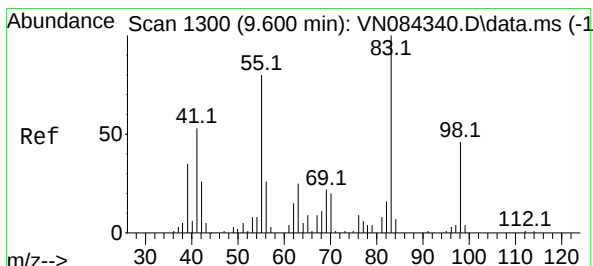
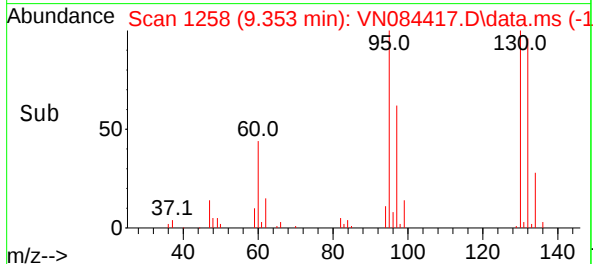
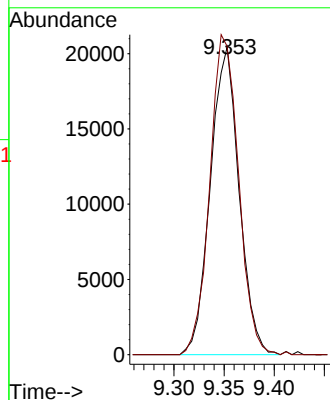
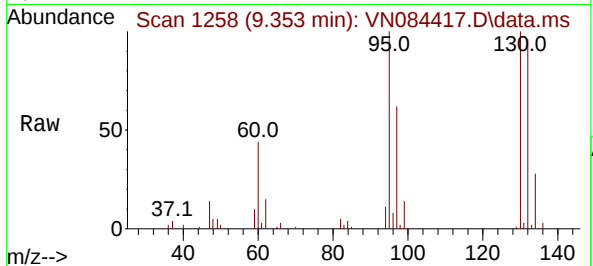




#37
Trichloroethene
Concen: 20.027 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

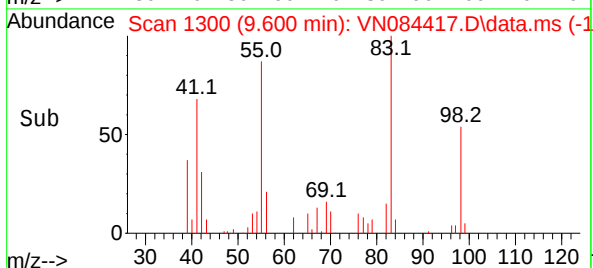
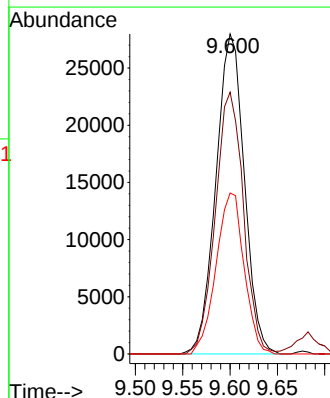
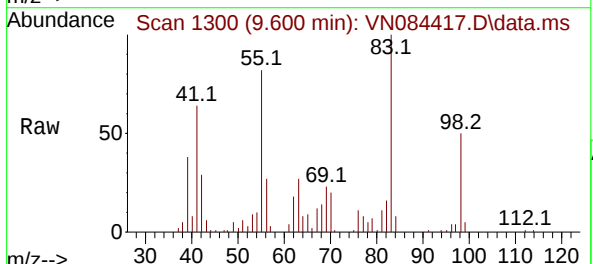
Instrument :
MSVOA_N
ClientSampleId :

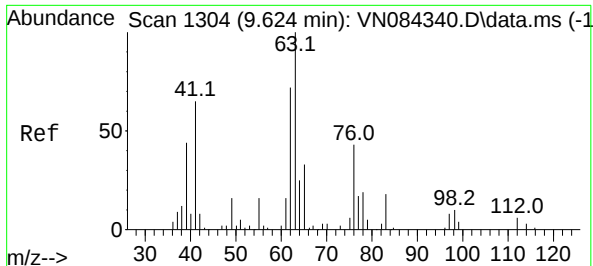
Tgt Ion:130 Resp: 40658
Ion Ratio Lower Upper
130 100
95 100.4 85.8 128.6



#38
Methylcyclohexane
Concen: 18.881 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 83 Resp: 58414
Ion Ratio Lower Upper
83 100
55 80.8 39.3 117.8
98 49.6 24.0 72.0

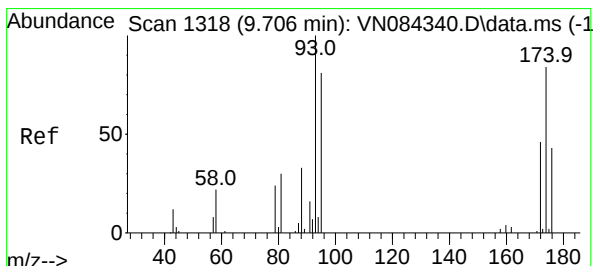
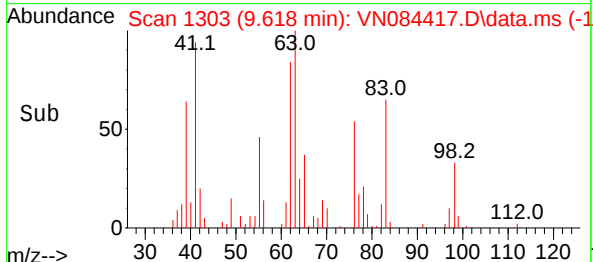
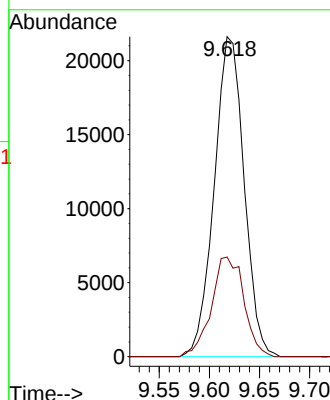
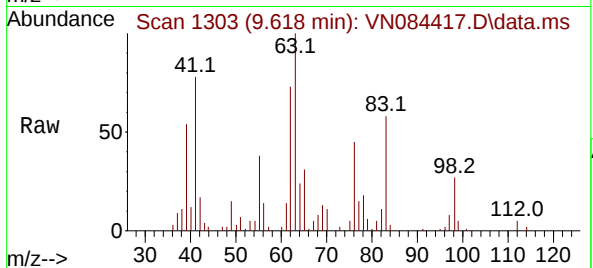




#39
1,2-Dichloropropane
Concen: 20.837 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

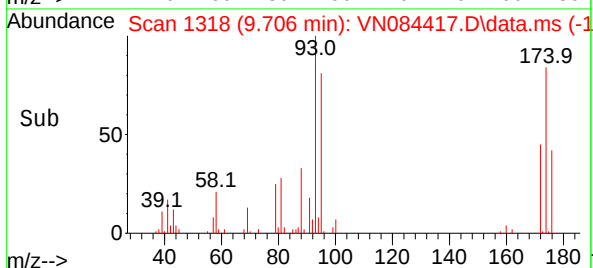
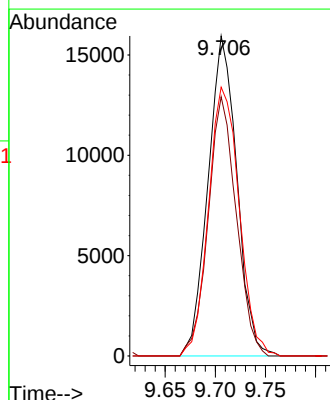
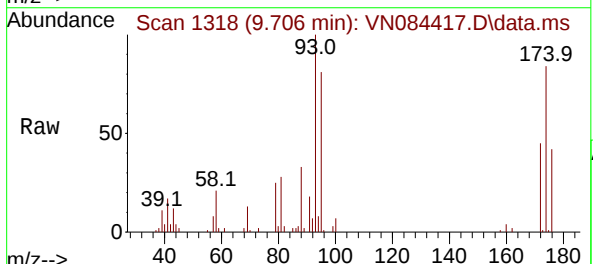
Instrument :
MSVOA_N
ClientSampleId :

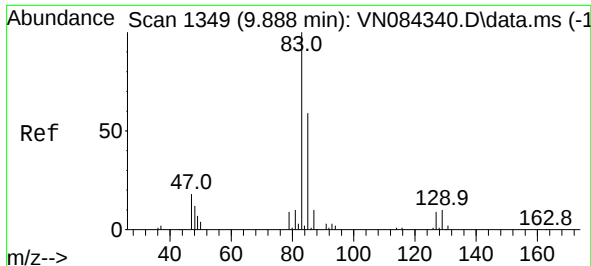
Tgt Ion: 63 Resp: 44799
Ion Ratio Lower Upper
63 100
65 31.1 26.3 39.5



#40
Dibromomethane
Concen: 21.243 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 93 Resp: 31920
Ion Ratio Lower Upper
93 100
95 78.9 0.0 171.4
174 89.3 0.0 183.0

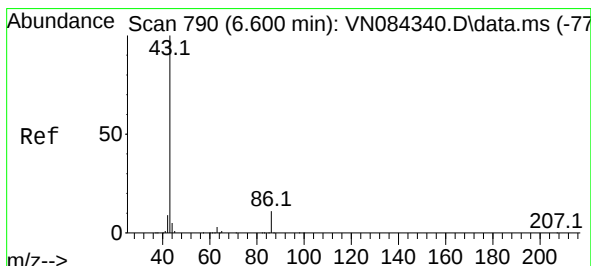
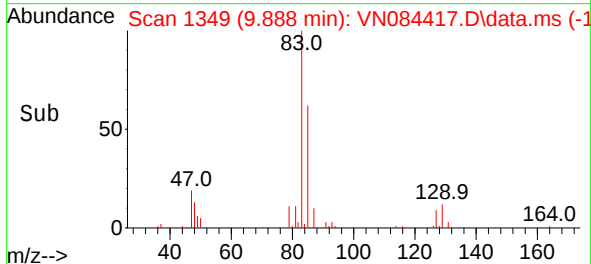
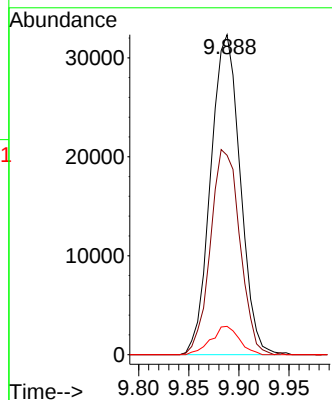
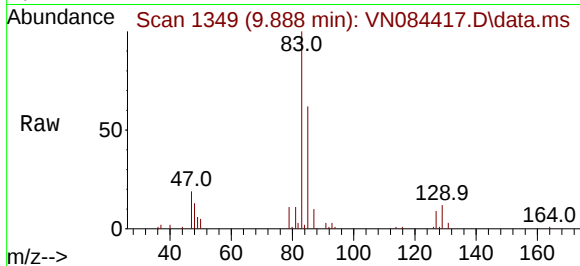




#41
Bromodichloromethane
Concen: 20.759 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

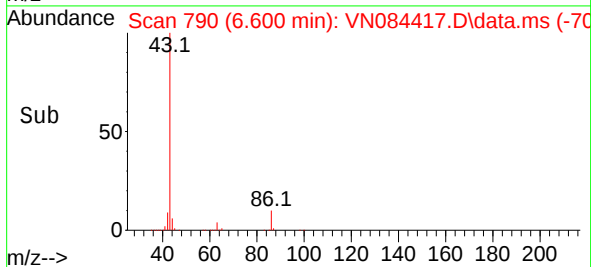
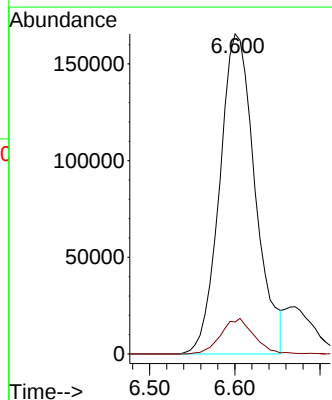
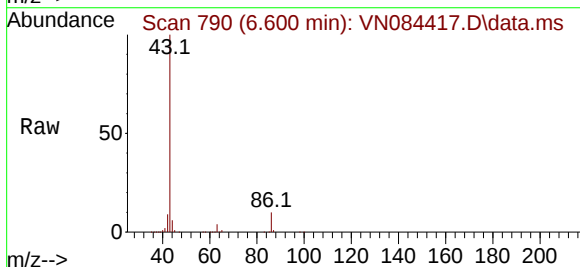
Instrument :
MSVOA_N
ClientSampleId :

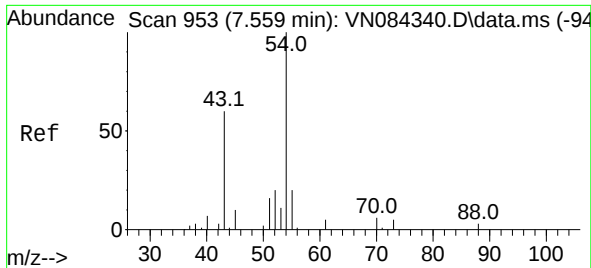
Tgt Ion: 83 Resp: 66221
Ion Ratio Lower Upper
83 100
85 62.3 47.1 70.7
127 8.9 7.1 10.7



#42
Vinyl Acetate
Concen: 91.891 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 43 Resp: 479248
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7

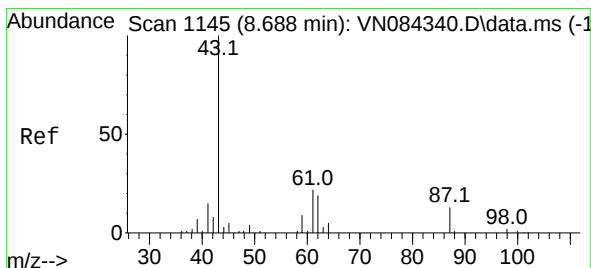
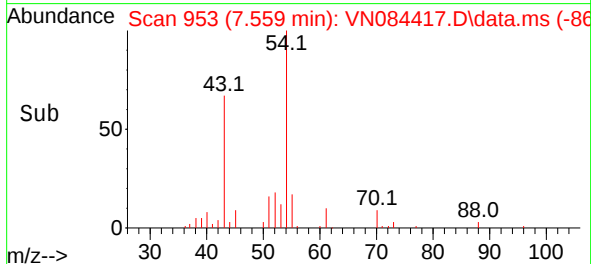
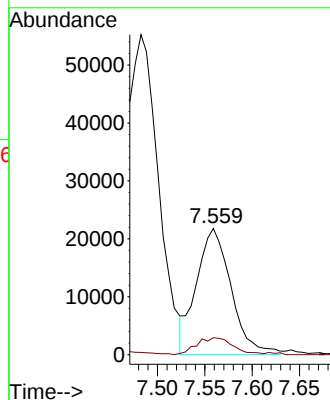
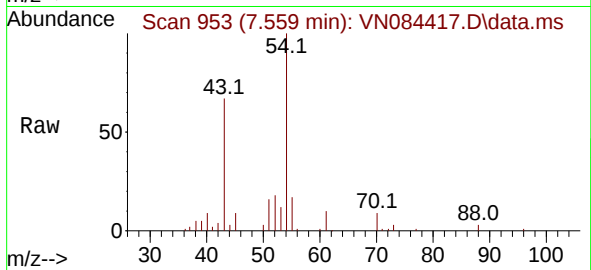




#43
Ethyl Acetate
Concen: 18.806 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

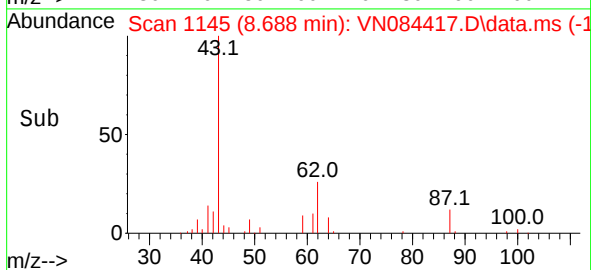
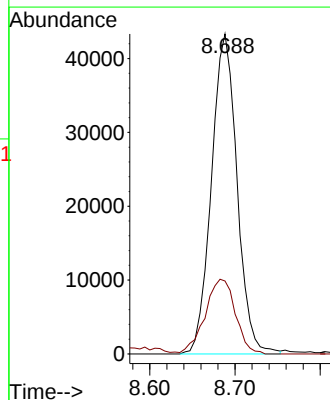
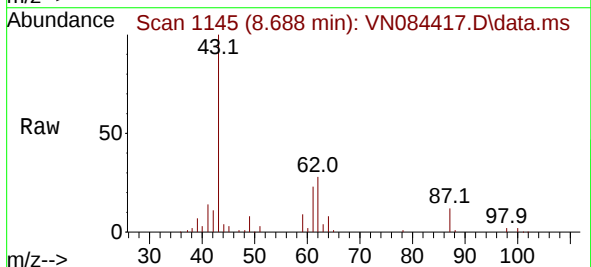
Instrument :
MSVOA_N
ClientSampleId :

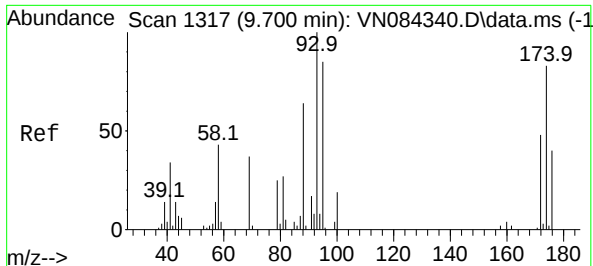
Tgt Ion: 43 Resp: 55620
Ion Ratio Lower Upper
43 100
45 13.7 10.6 16.0



#44
Isopropyl Acetate
Concen: 18.703 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 43 Resp: 90534
Ion Ratio Lower Upper
43 100
61 27.5 21.4 32.2





#45

1,4-Dioxane

Concen: 365.748 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

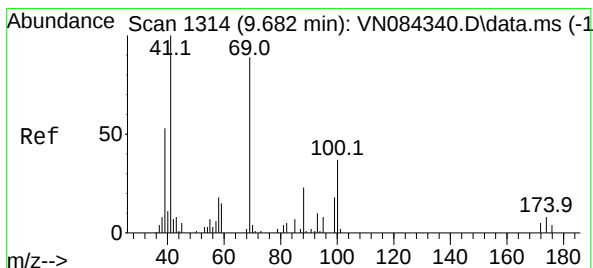
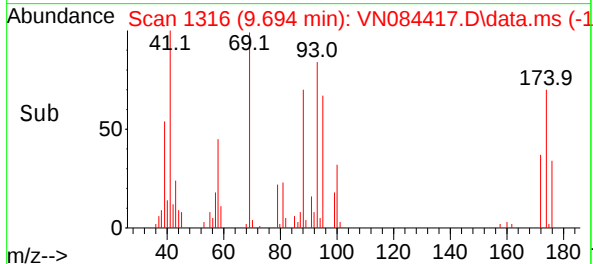
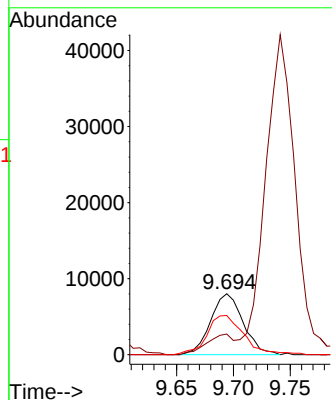
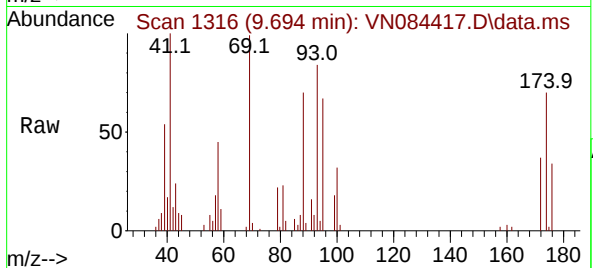
Tgt Ion: 88 Resp: 15960

Ion Ratio Lower Upper

88 100

43 27.4 22.4 33.6

58 73.0 59.7 89.5



#46

Methyl methacrylate

Concen: 18.557 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

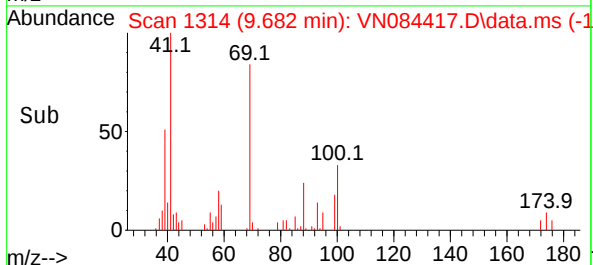
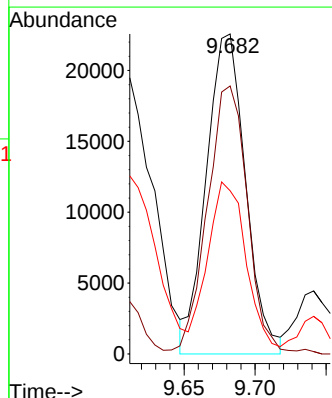
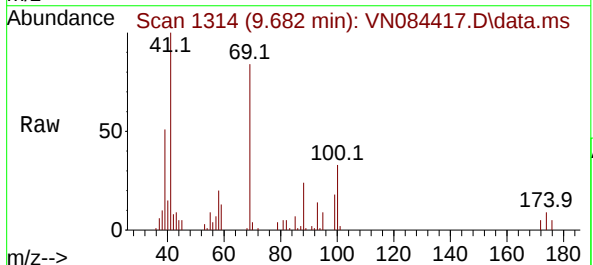
Tgt Ion: 41 Resp: 43401

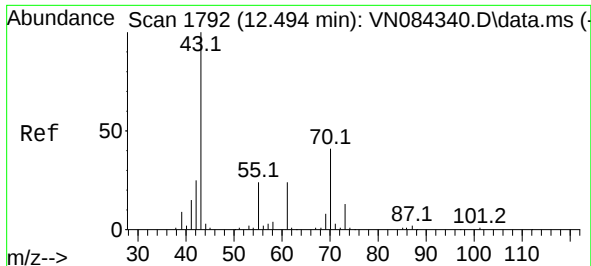
Ion Ratio Lower Upper

41 100

69 86.8 42.6 128.0

39 51.4 27.5 82.4





#47

n-amyl Acetate

Concen: 18.252 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

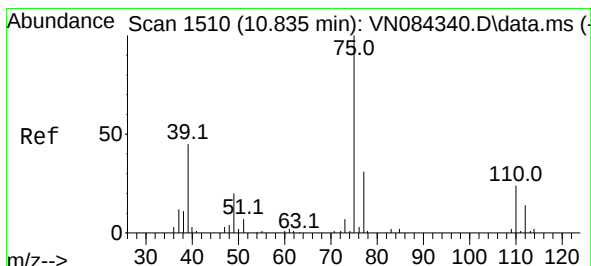
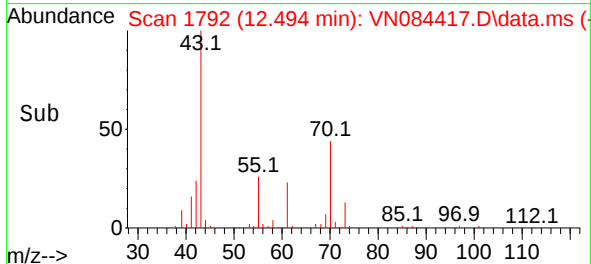
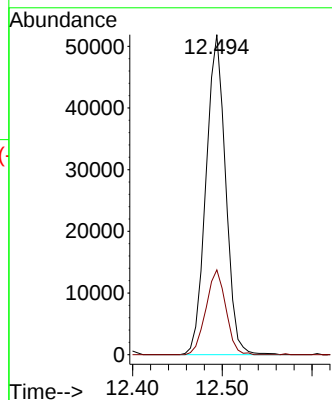
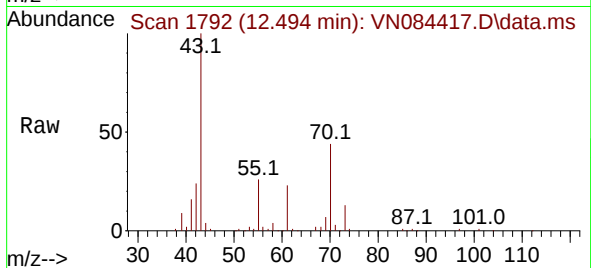
ClientSampleId :

Tgt Ion: 43 Resp: 78587

Ion Ratio Lower Upper

43 100

55 26.8 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 19.260 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084417.D

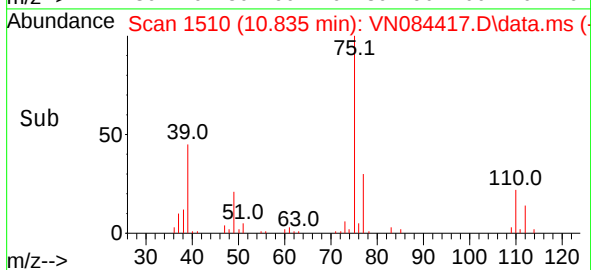
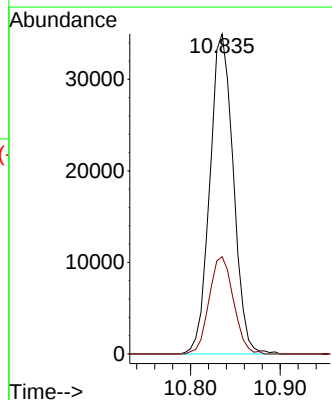
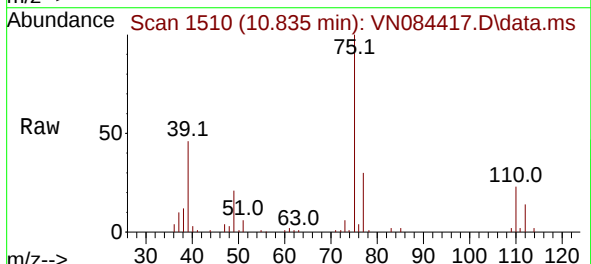
Acq: 15 Oct 2024 16:47

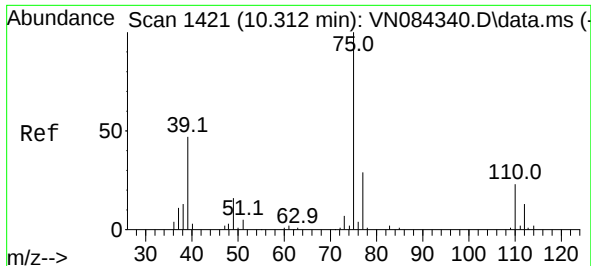
Tgt Ion: 75 Resp: 63488

Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.827 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

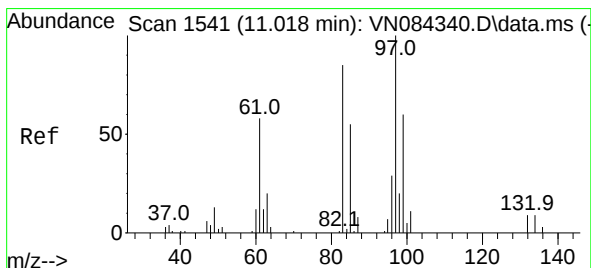
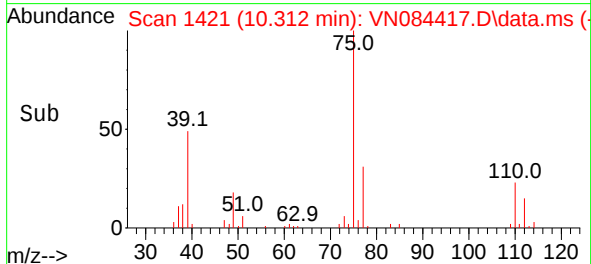
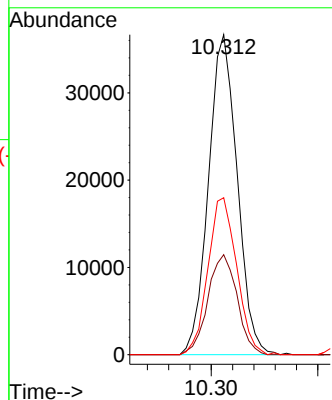
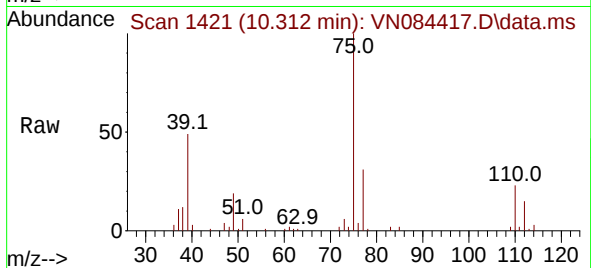
Tgt Ion: 75 Resp: 68496

Ion Ratio Lower Upper

75 100

77 31.3 22.9 34.3

39 49.0 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 20.525 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Tgt Ion: 97 Resp: 41454

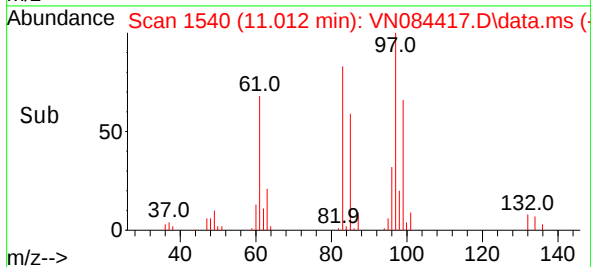
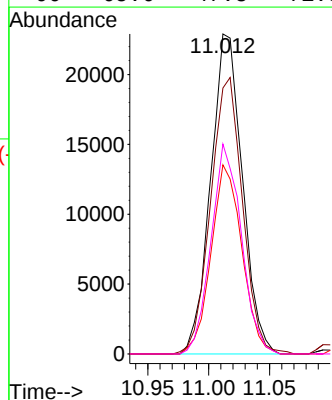
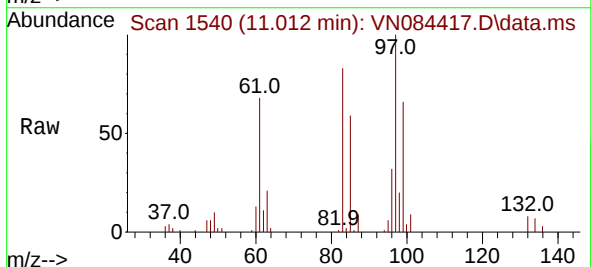
Ion Ratio Lower Upper

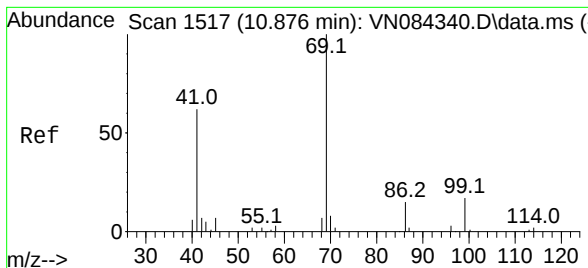
97 100

83 82.4 67.8 101.8

85 59.1 44.2 66.2

99 65.6 47.8 71.8





#51

Ethyl methacrylate

Concen: 18.756 ug/l

RT: 10.870 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

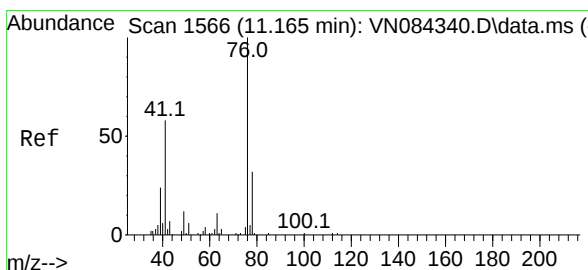
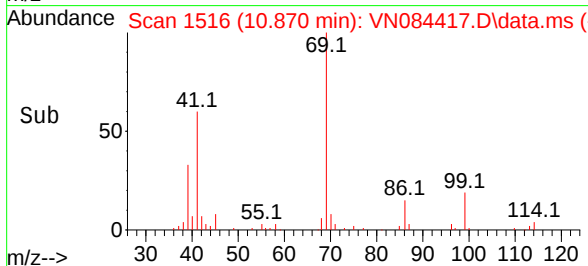
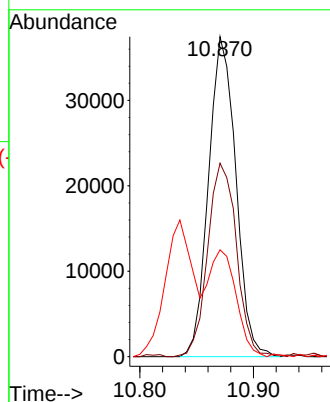
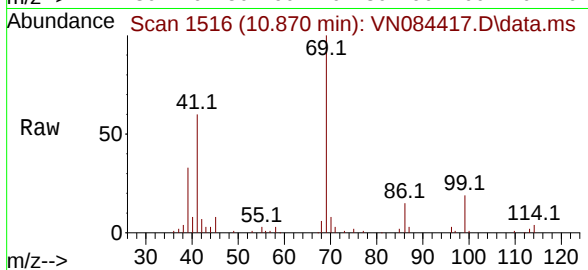
Tgt Ion: 69 Resp: 62573

Ion Ratio Lower Upper

69 100

41 60.0 30.9 92.7

39 32.9 16.6 49.7



#52

1,3-Dichloropropane

Concen: 20.034 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN084417.D

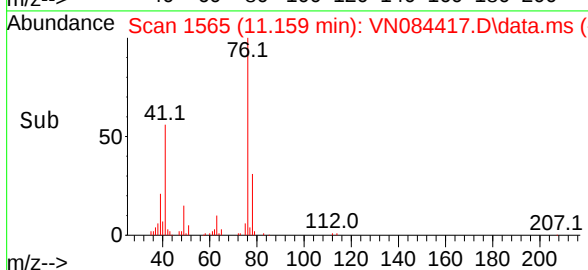
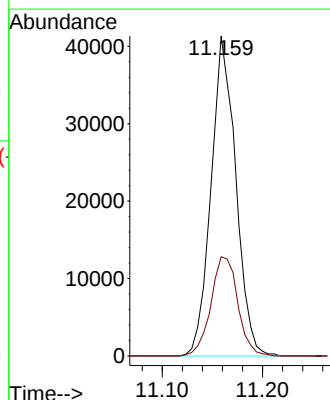
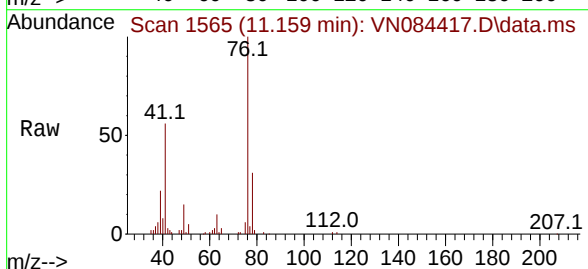
Acq: 15 Oct 2024 16:47

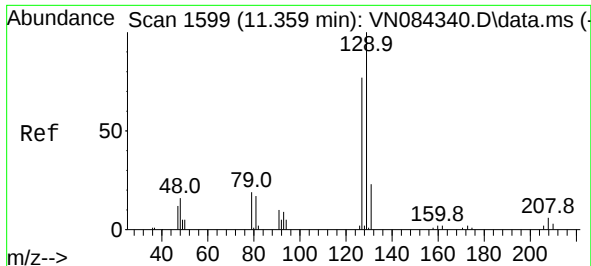
Tgt Ion: 76 Resp: 70752

Ion Ratio Lower Upper

76 100

78 33.7 0.0 64.2





#53

Dibromochloromethane

Concen: 20.538 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

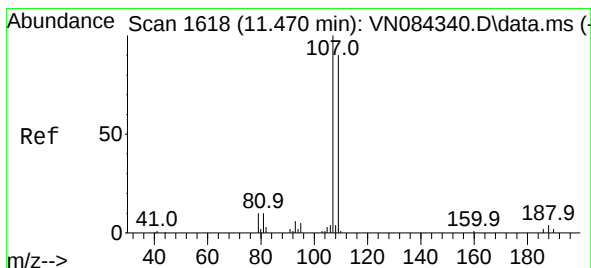
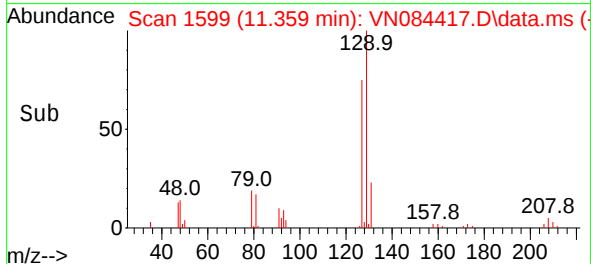
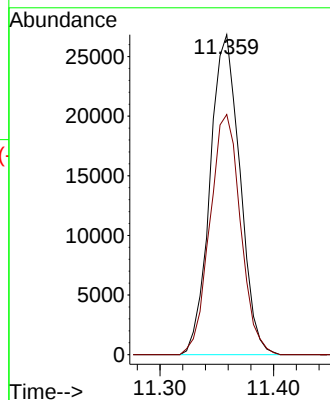
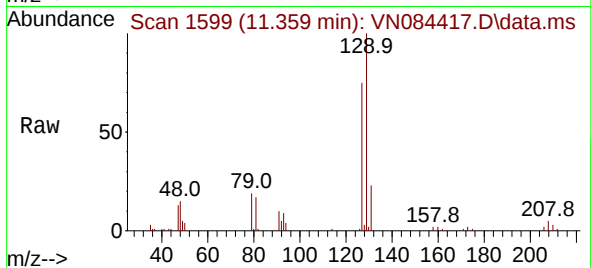
ClientSampleId :

Tgt Ion:129 Resp: 49001

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.5



#54

1,2-Dibromoethane

Concen: 19.988 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN084417.D

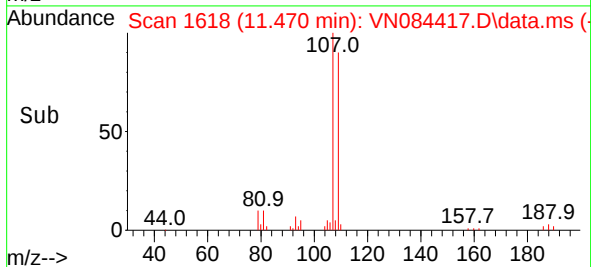
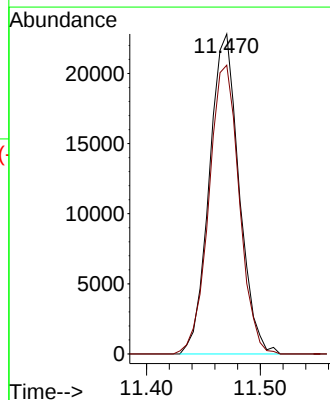
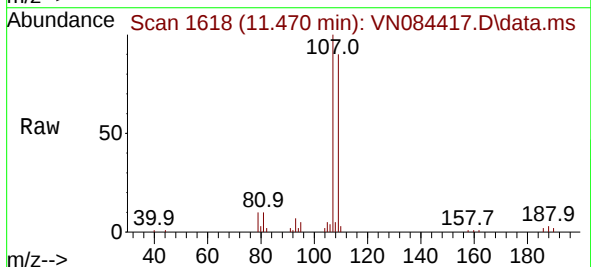
Acq: 15 Oct 2024 16:47

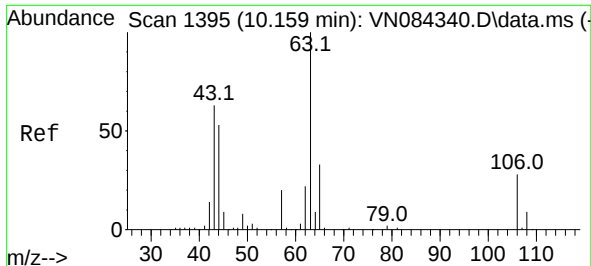
Tgt Ion:107 Resp: 41555

Ion Ratio Lower Upper

107 100

109 91.9 73.8 110.6

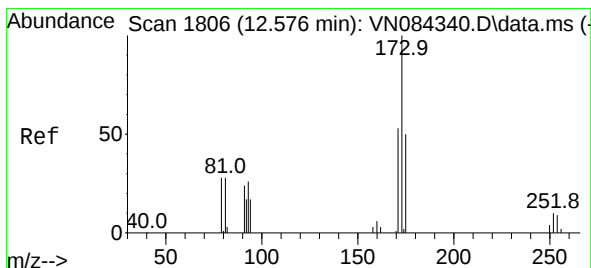
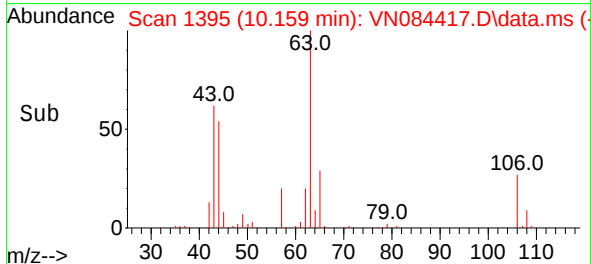
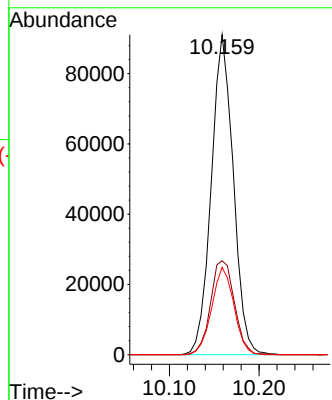
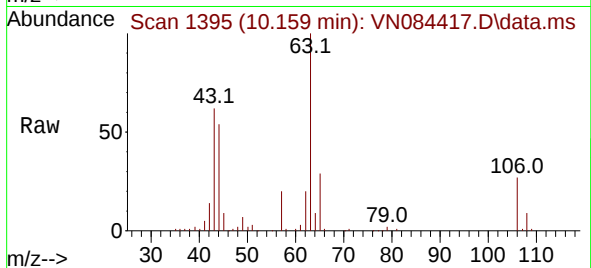




#55
2-Chloroethyl vinyl ether
Concen: 102.673 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

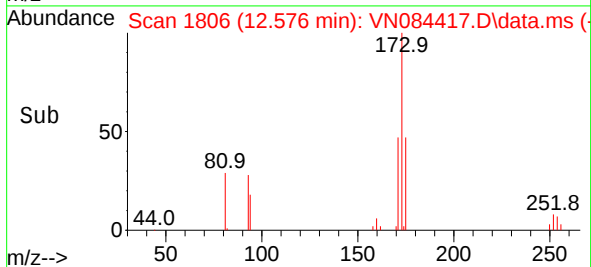
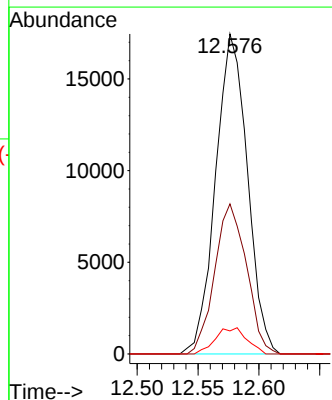
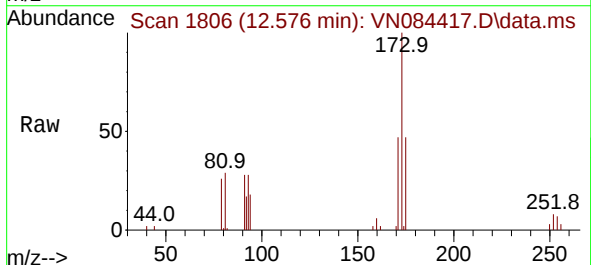
Instrument :
MSVOA_N
ClientSampleId :

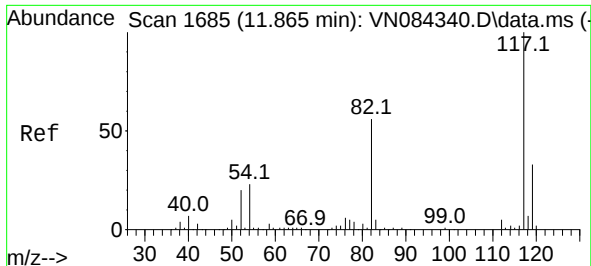
Tgt Ion: 63 Resp: 155354
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 27.5 21.6 32.4



#56
Bromoform
Concen: 20.026 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:173 Resp: 31690
Ion Ratio Lower Upper
173 100
175 46.9 39.4 59.2
254 8.1 6.8 10.2

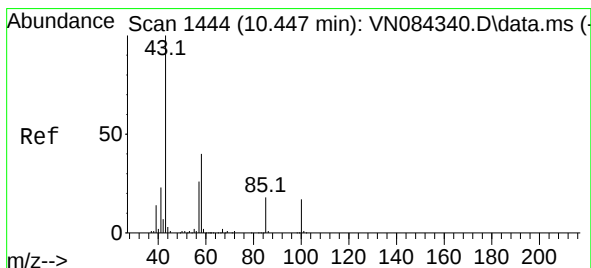
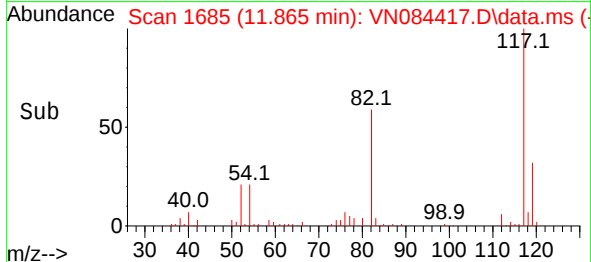
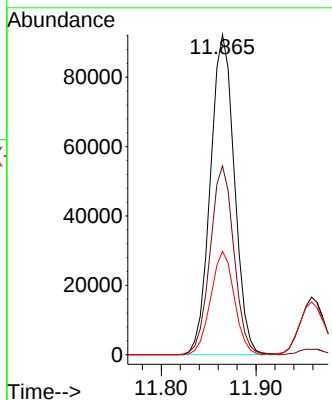
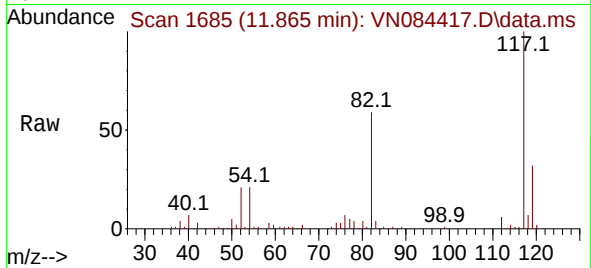




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

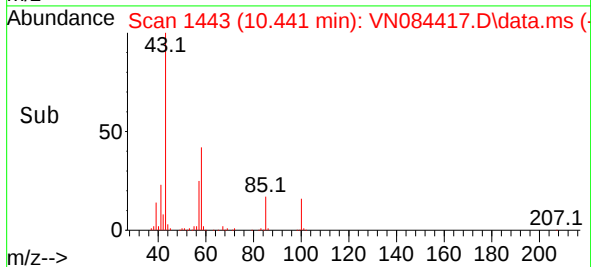
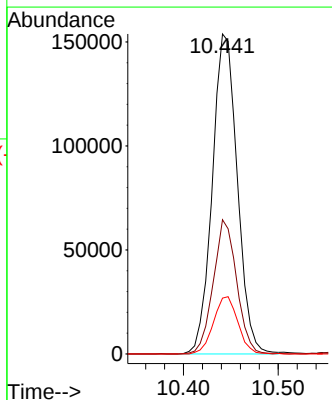
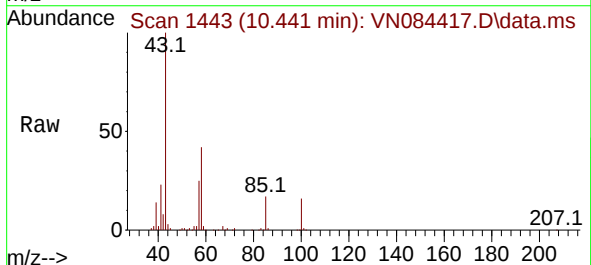
Instrument :
MSVOA_N
ClientSampleId :

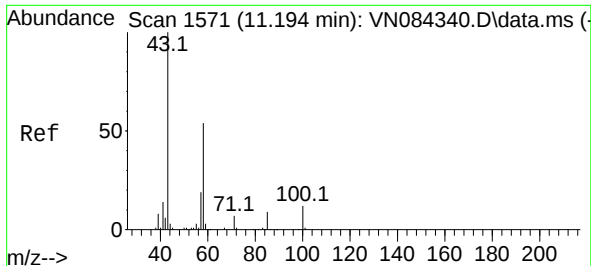
Tgt Ion:117 Resp: 162521
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 93.346 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 43 Resp: 282606
Ion Ratio Lower Upper
43 100
58 39.3 31.9 47.9
85 17.5 14.6 22.0





#59

2-Hexanone

Concen: 91.991 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

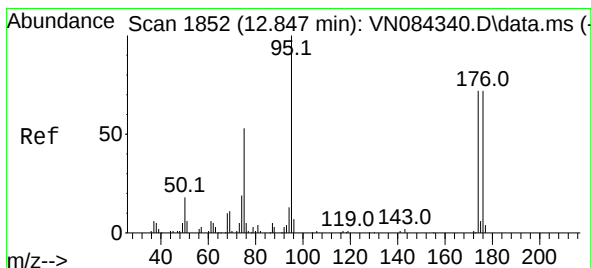
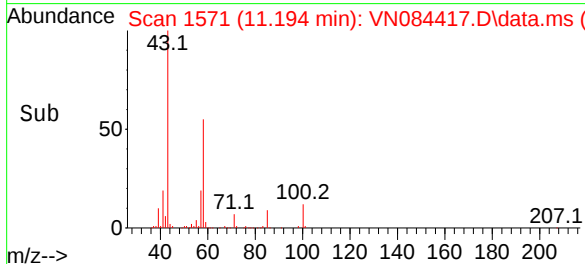
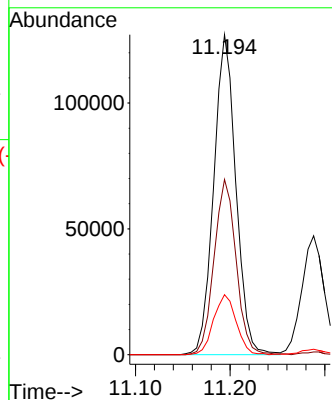
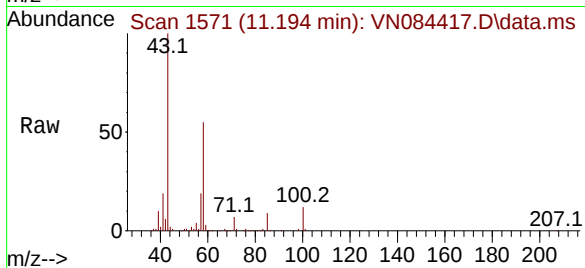
Tgt Ion: 43 Resp: 206950

Ion Ratio Lower Upper

43 100

58 54.4 44.0 66.0

57 19.2 15.4 23.2



#60

4-Bromofluorobenzene

Concen: 30.550 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

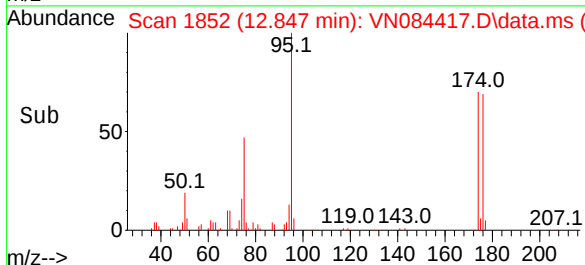
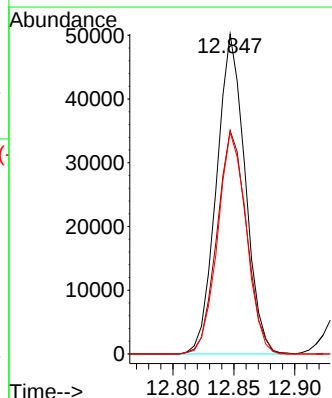
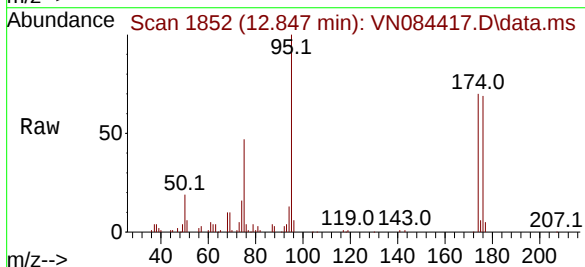
Tgt Ion: 95 Resp: 81944

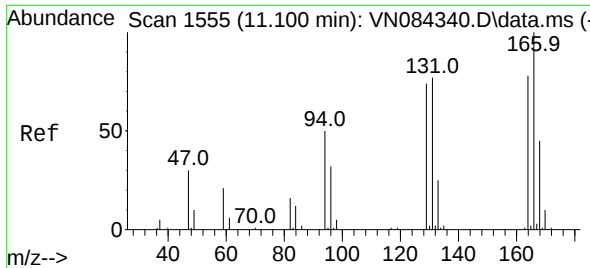
Ion Ratio Lower Upper

95 100

174 72.3 58.2 87.2

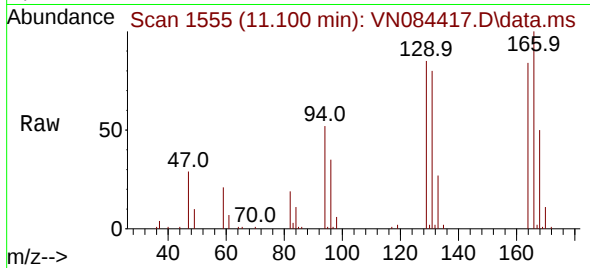
176 69.6 56.4 84.6



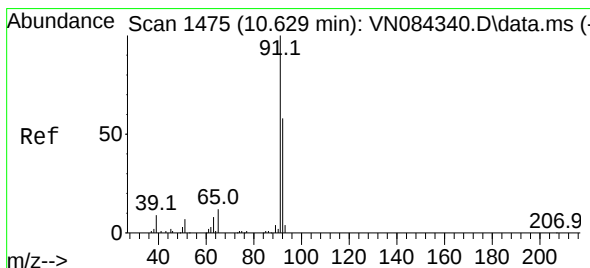
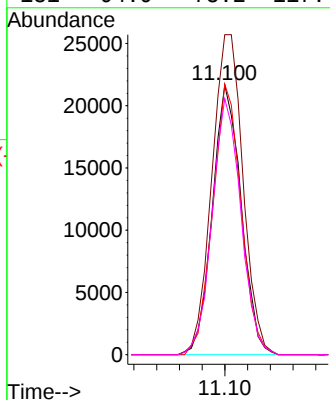
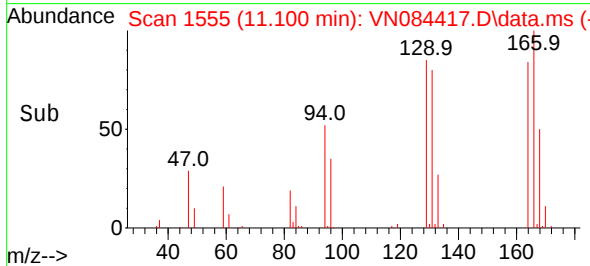


#61
Tetrachloroethene
Concen: 20.712 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

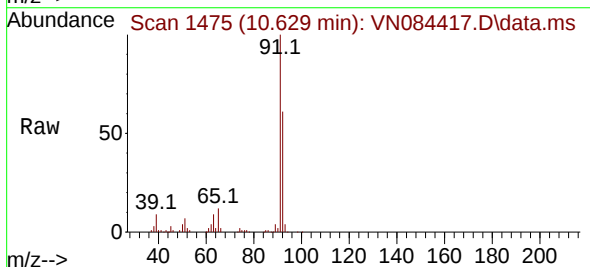
Instrument :
MSVOA_N
ClientSampleId :



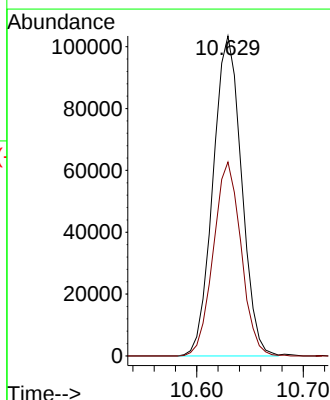
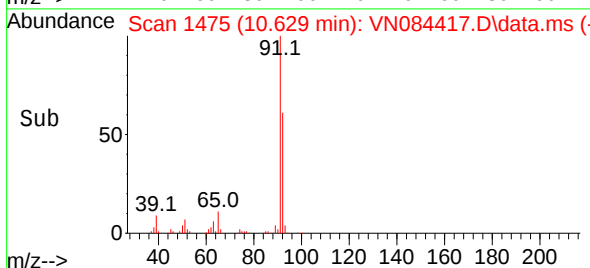
Tgt Ion:164 Resp: 38076
Ion Ratio Lower Upper
164 100
166 118.7 102.5 153.7
129 100.3 75.7 113.5
131 94.9 78.2 117.4

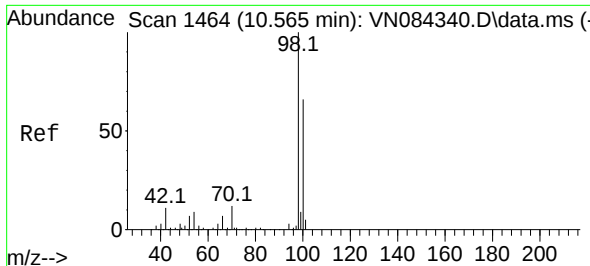


#62
Toluene
Concen: 20.228 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47



Tgt Ion: 91 Resp: 192456
Ion Ratio Lower Upper
91 100
92 58.8 47.2 70.8

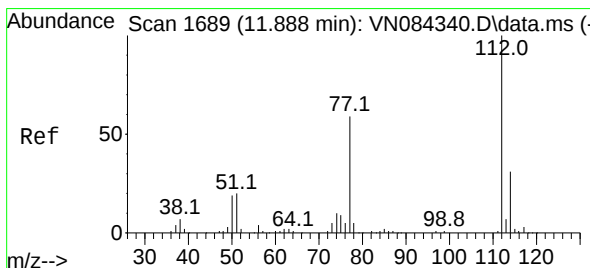
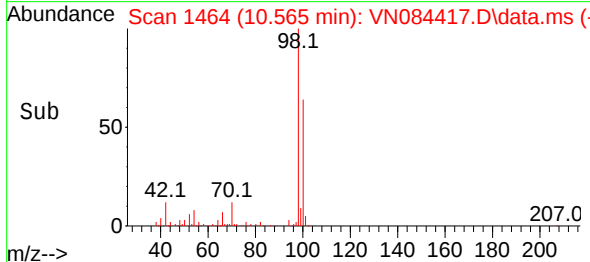
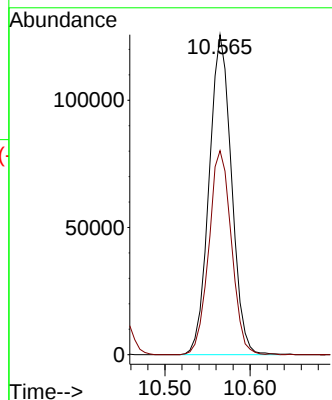
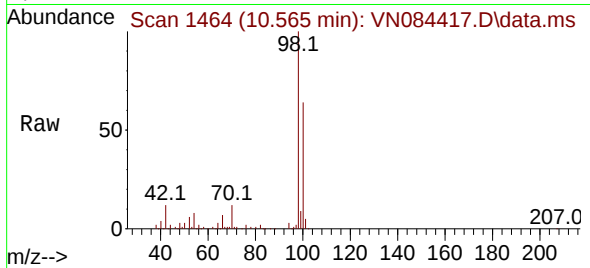




#63
Toluene-d8
Concen: 30.471 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

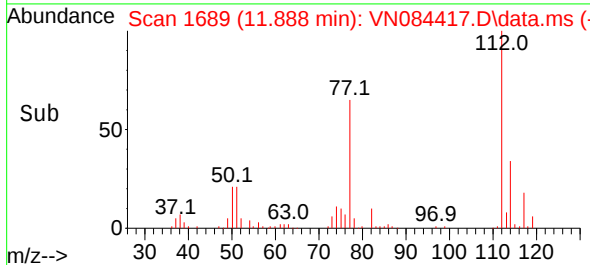
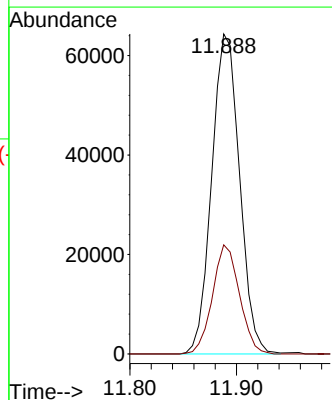
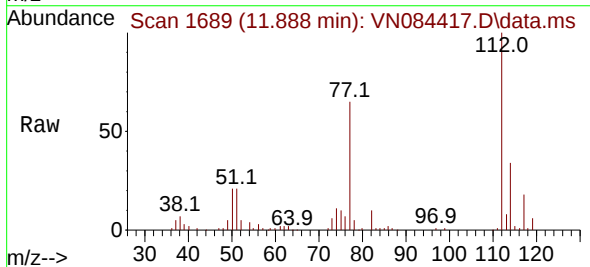
Instrument :
MSVOA_N
ClientSampleId :

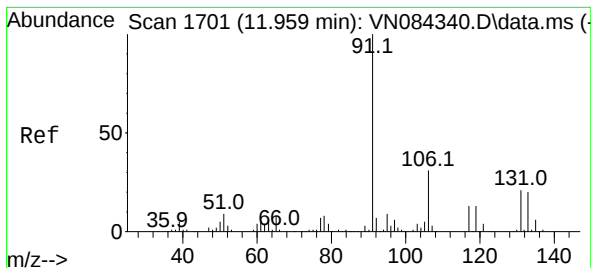
Tgt Ion: 98 Resp: 229414
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#64
Chlorobenzene
Concen: 19.746 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 112 Resp: 116908
Ion Ratio Lower Upper
112 100
114 34.1 25.1 37.7

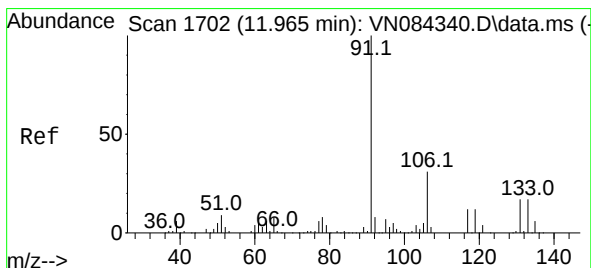
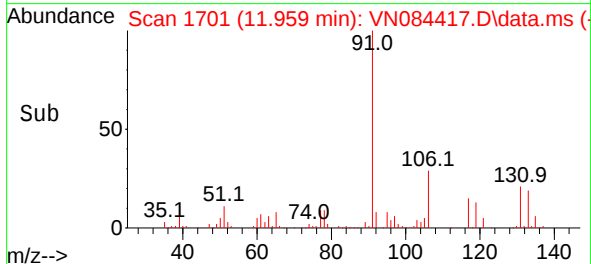
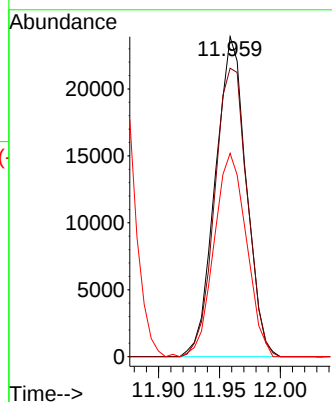
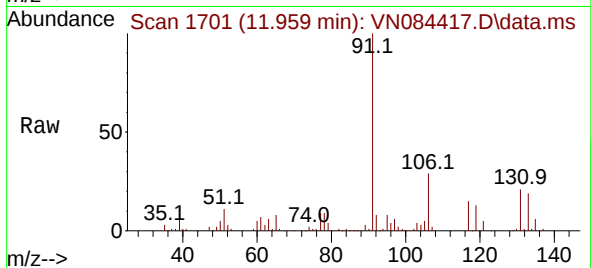




#65
1,1,1,2-Tetrachloroethane
Concen: 20.545 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

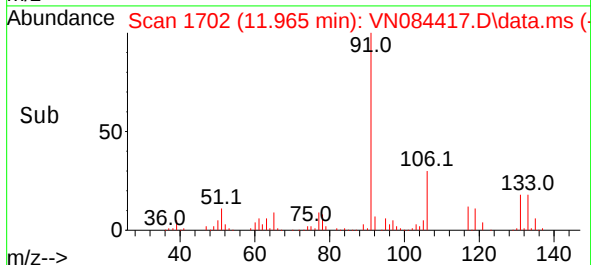
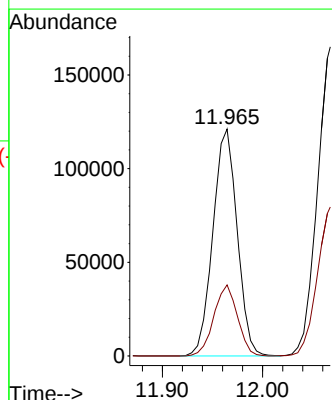
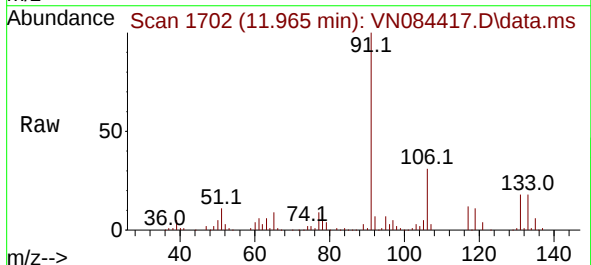
Instrument :
MSVOA_N
ClientSampleId :

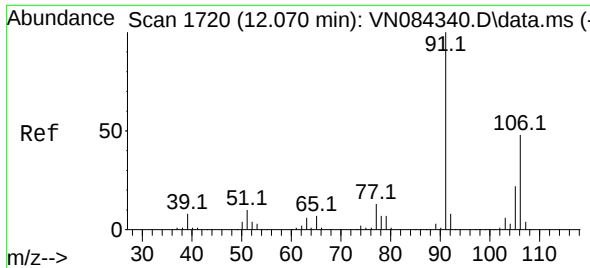
Tgt Ion:131 Resp: 42259
Ion Ratio Lower Upper
131 100
133 95.1 0.0 190.4
119 66.2 0.0 130.0



#66
Ethyl Benzene
Concen: 19.685 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 91 Resp: 203480
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8

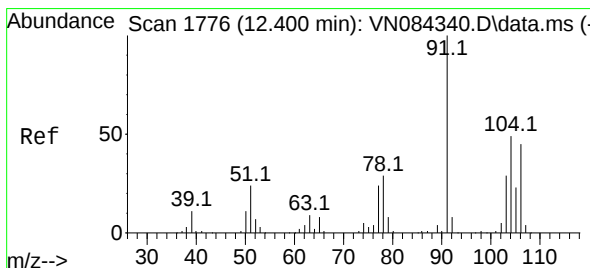
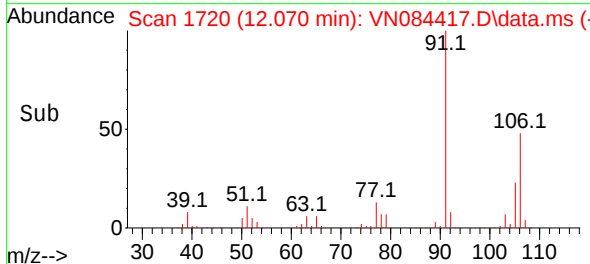
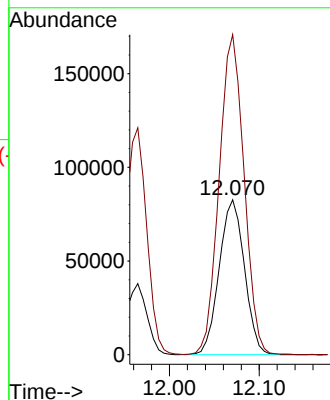
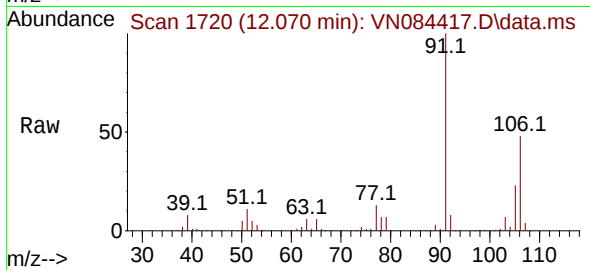




#67
m/p-Xylenes
Concen: 41.162 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

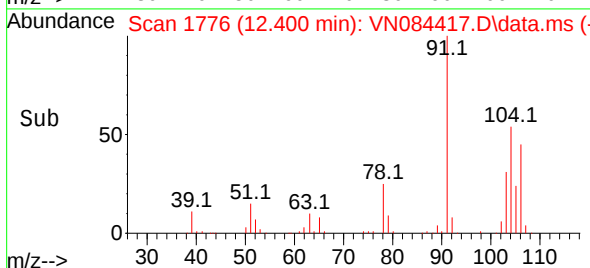
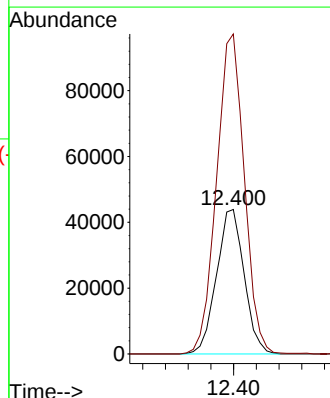
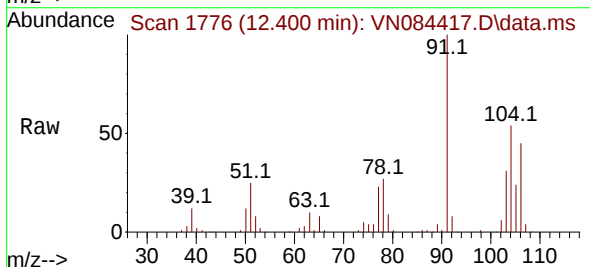
Instrument :
MSVOA_N
ClientSampleId :

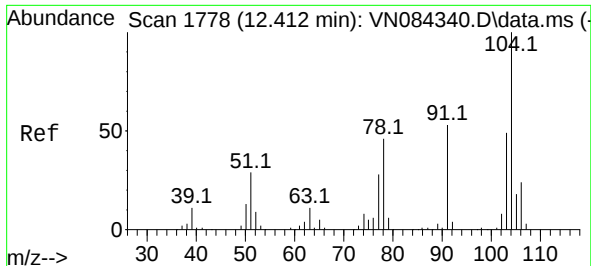
Tgt Ion:106 Resp: 161408
Ion Ratio Lower Upper
106 100
91 204.0 166.7 250.1



#68
o-Xylene
Concen: 19.616 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:106 Resp: 74145
Ion Ratio Lower Upper
106 100
91 222.5 110.9 332.9





#69

Styrene

Concen: 19.965 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

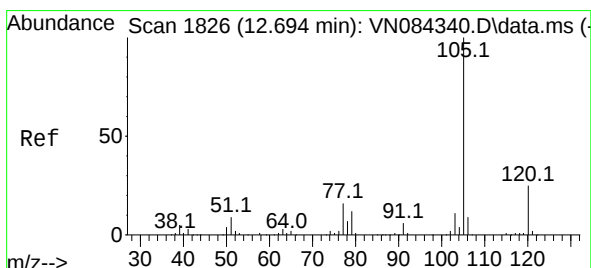
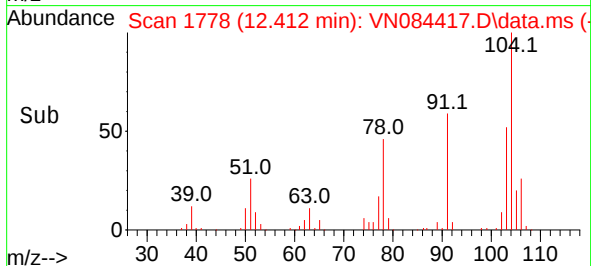
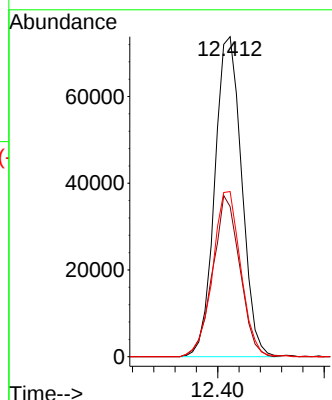
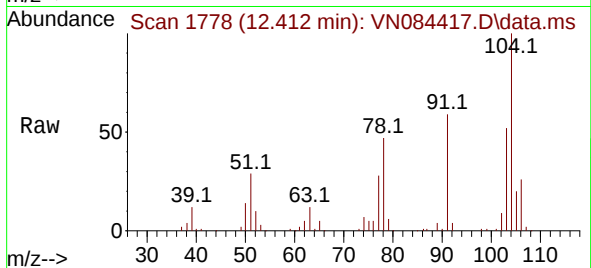
Tgt Ion:104 Resp: 129538

Ion Ratio Lower Upper

104 100

78 50.6 41.6 62.4

103 53.9 44.4 66.6



#70

Isopropylbenzene

Concen: 19.595 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084417.D

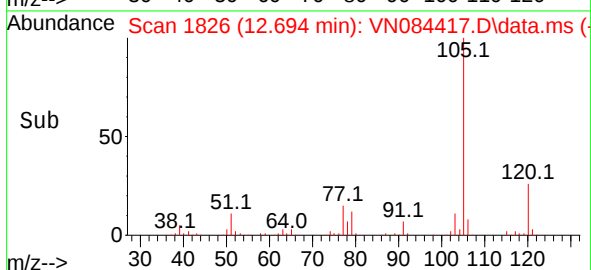
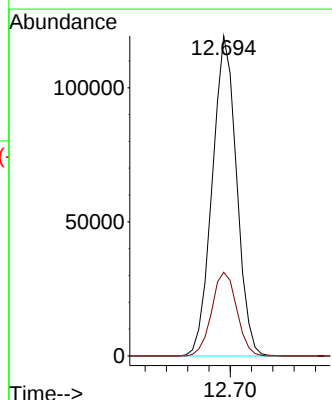
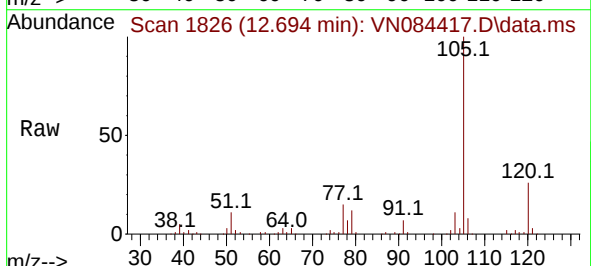
Acq: 15 Oct 2024 16:47

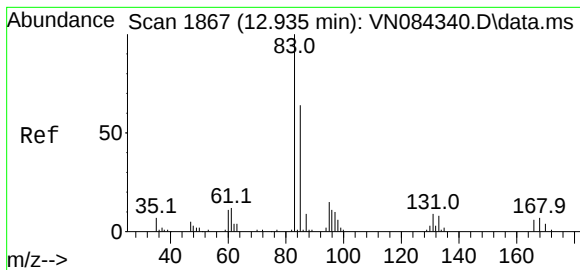
Tgt Ion:105 Resp: 189076

Ion Ratio Lower Upper

105 100

120 26.8 17.4 32.4

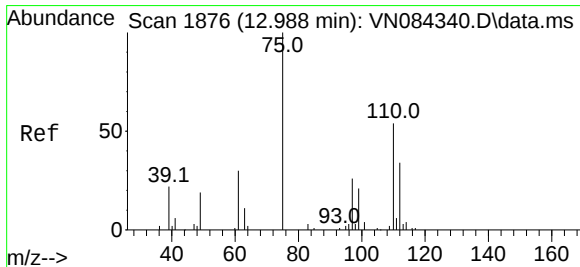
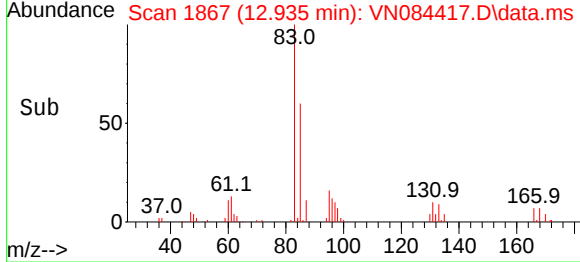
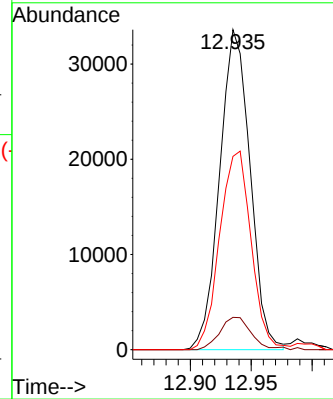
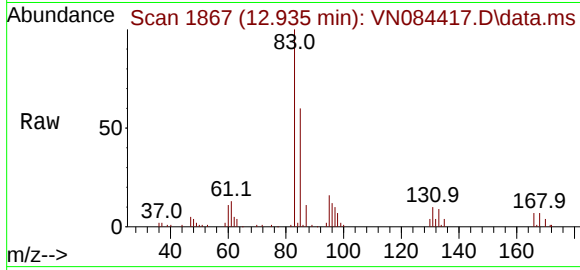




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.585 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084417.D
 Acq: 15 Oct 2024 16:47

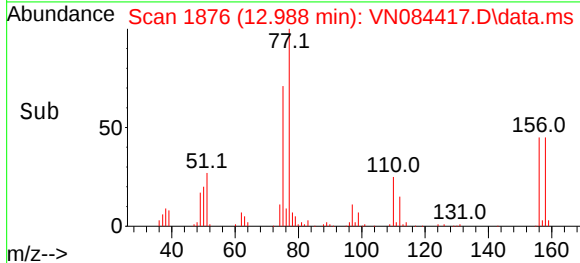
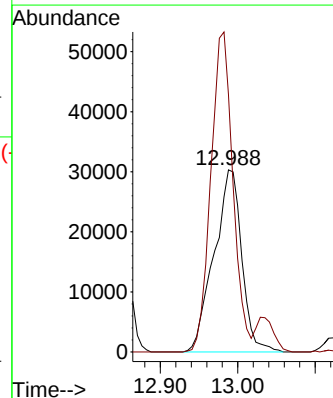
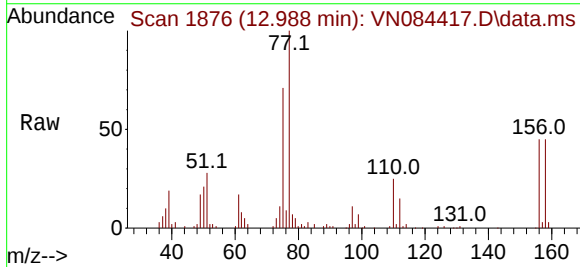
Instrument :
 MSVOA_N
 ClientSampleId :

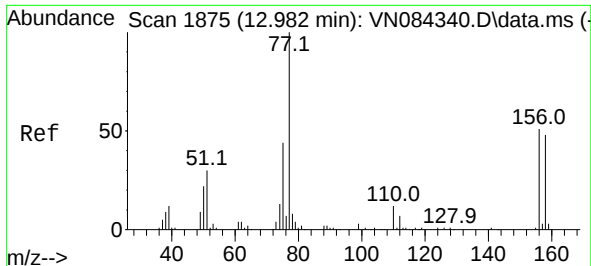
Tgt Ion: 83 Resp: 58461
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 64.2 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 29.495 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN084417.D
 Acq: 15 Oct 2024 16:47

Tgt Ion: 75 Resp: 75402
 Ion Ratio Lower Upper
 75 100
 77 139.9 0.0 414.0

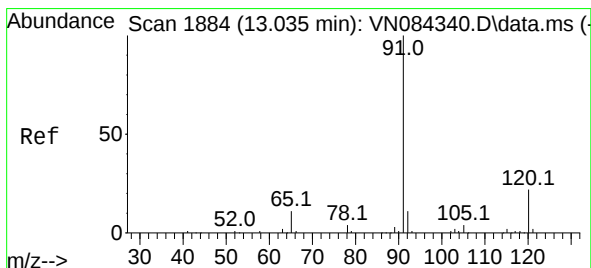
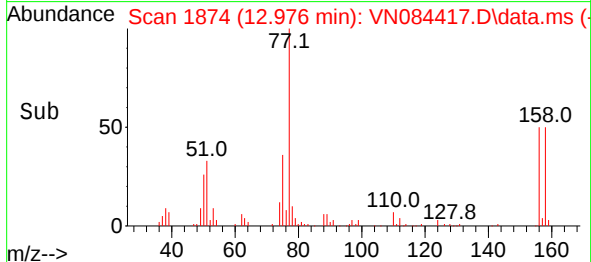
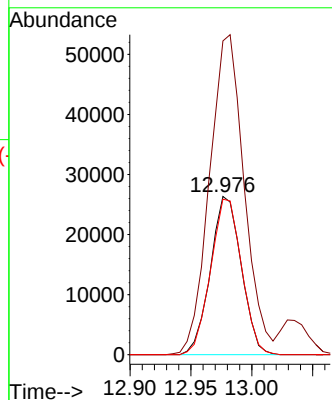
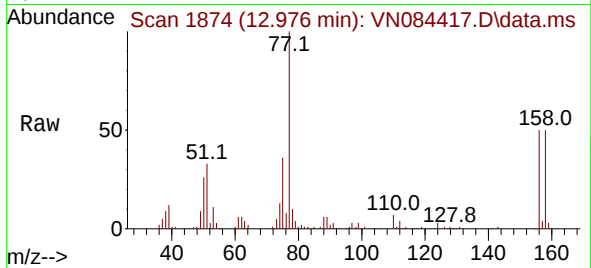




#73
Bromobenzene
Concen: 19.889 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

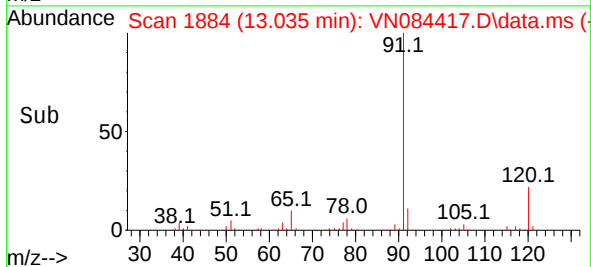
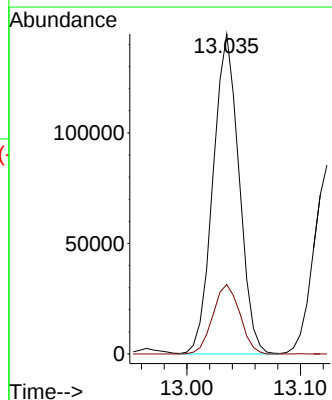
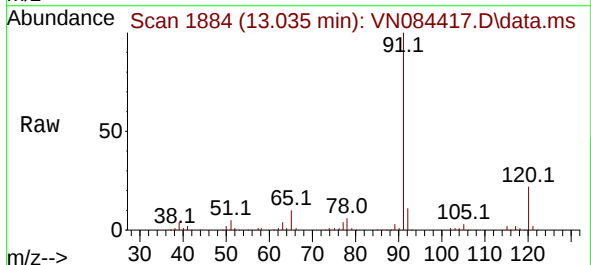
Instrument :
MSVOA_N
ClientSampleId :

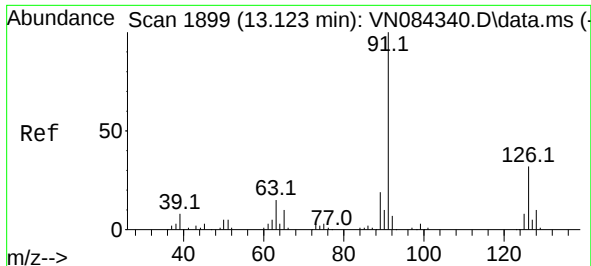
Tgt Ion:156 Resp: 46479
Ion Ratio Lower Upper
156 100
77 226.9 0.0 451.0
158 98.9 0.0 194.6



#74
n-propylbenzene
Concen: 20.020 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 91 Resp: 230203
Ion Ratio Lower Upper
91 100
120 22.5 0.0 43.2

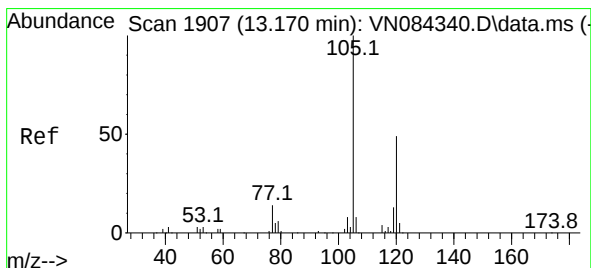
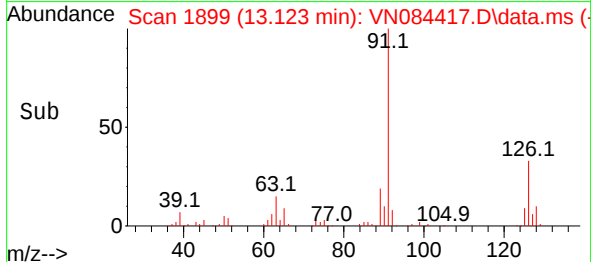
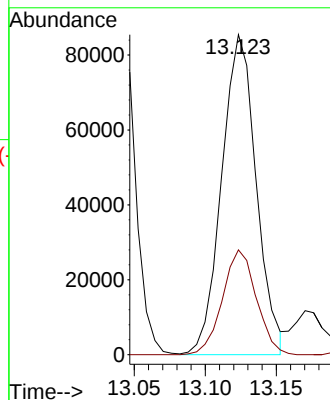
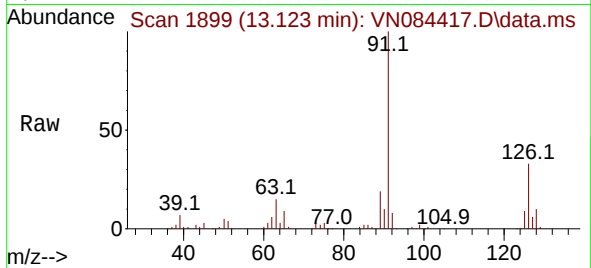




#75
2-Chlorotoluene
Concen: 20.253 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

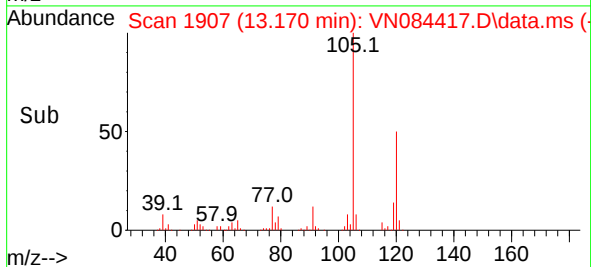
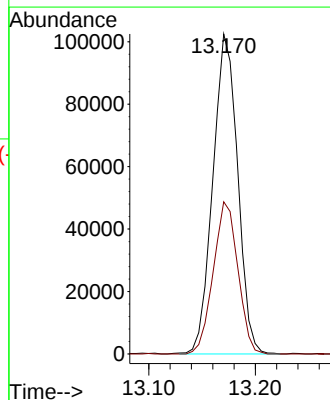
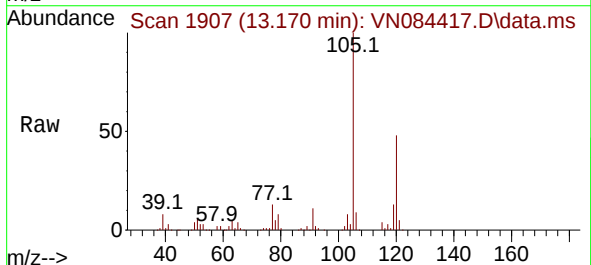
Instrument :
MSVOA_N
ClientSampleId :

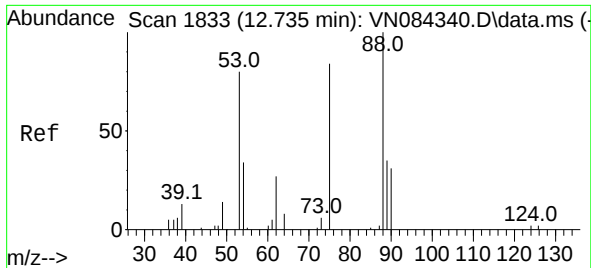
Tgt Ion: 91 Resp: 144713
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 20.355 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:105 Resp: 165372
Ion Ratio Lower Upper
105 100
120 47.2 0.0 94.4

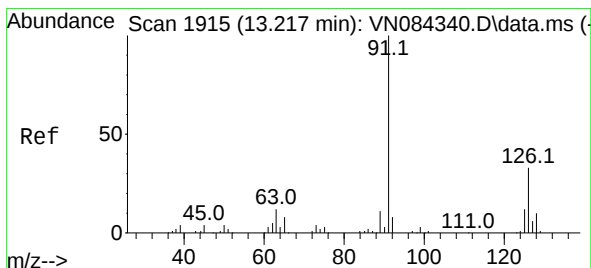
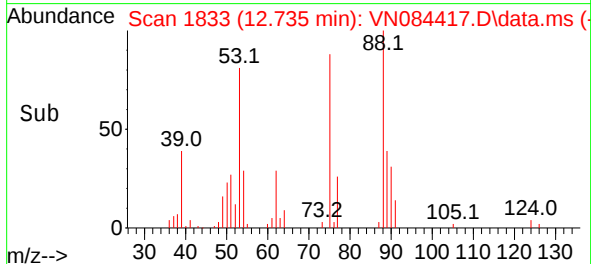
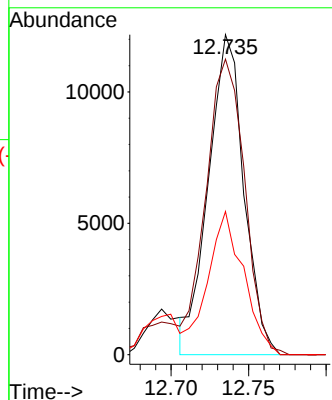
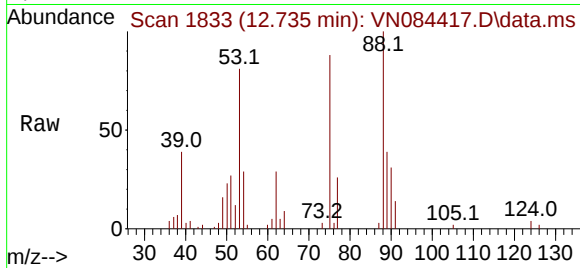




#77
t-1,4-Dichloro-2-butene
Concen: 17.719 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

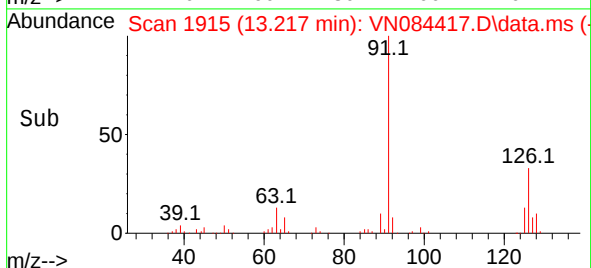
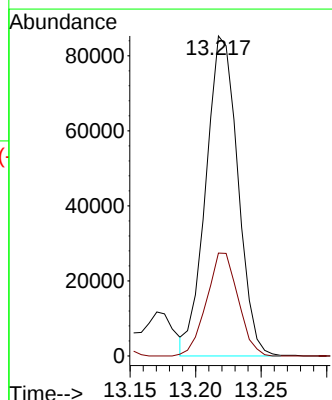
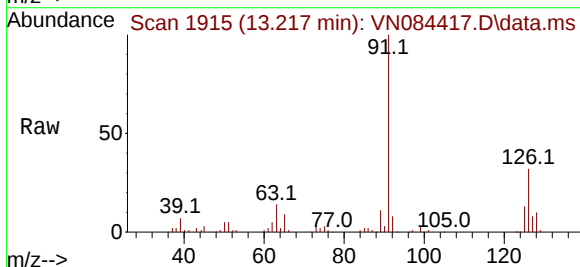
Instrument :
MSVOA_N
ClientSampleId :

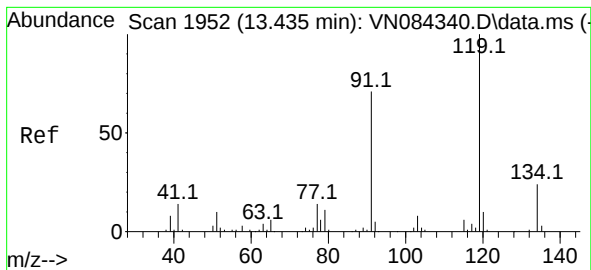
Tgt Ion: 75 Resp: 19356
Ion Ratio Lower Upper
75 100
53 91.0 47.3 142.0
89 44.7 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.905 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion: 91 Resp: 144600
Ion Ratio Lower Upper
91 100
126 31.8 0.0 62.4





#79

tert-butylbenzene

Concen: 19.652 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

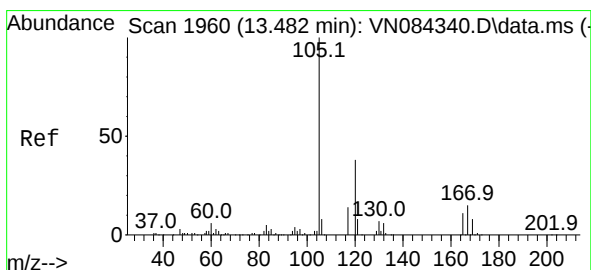
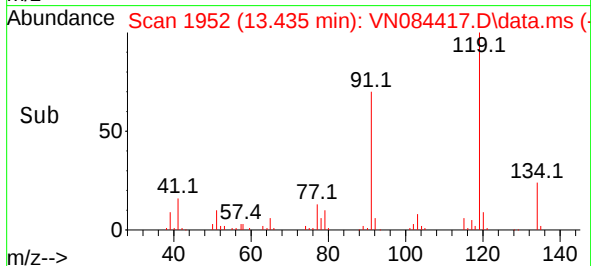
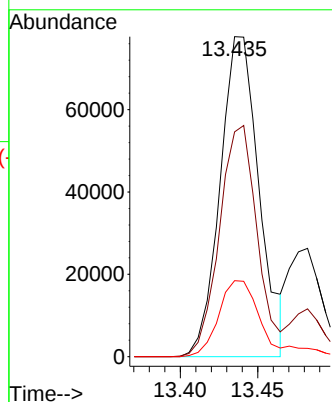
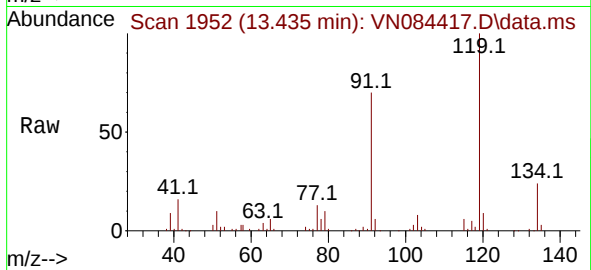
Tgt Ion:119 Resp: 136212

Ion Ratio Lower Upper

119 100

91 69.8 0.0 138.0

134 24.0 0.0 48.8



#80

1,2,4-Trimethylbenzene

Concen: 20.128 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084417.D

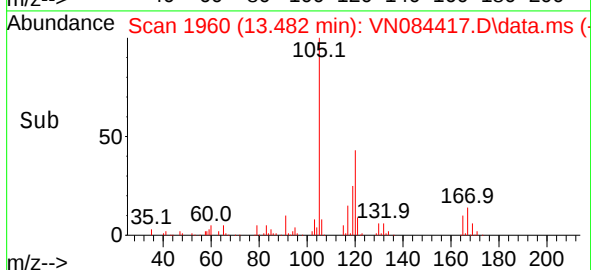
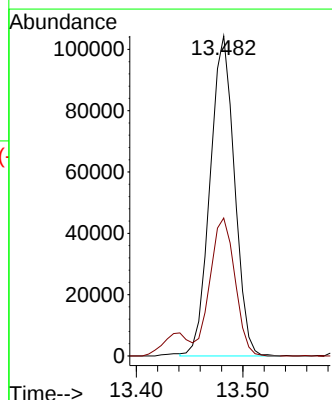
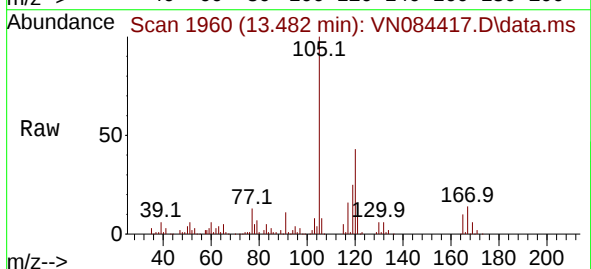
Acq: 15 Oct 2024 16:47

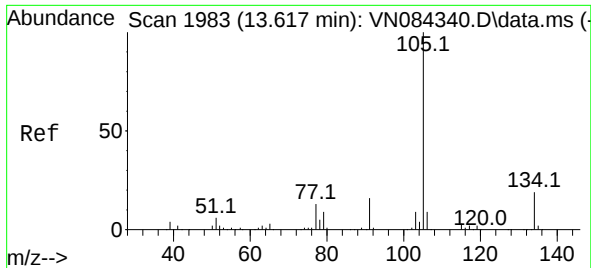
Tgt Ion:105 Resp: 165926

Ion Ratio Lower Upper

105 100

120 44.0 0.0 88.8

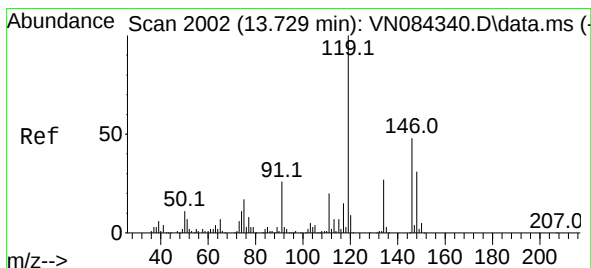
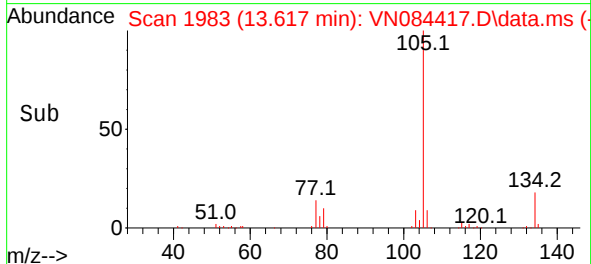
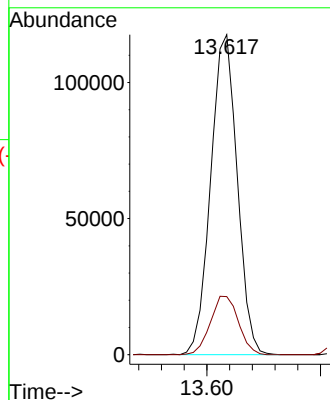
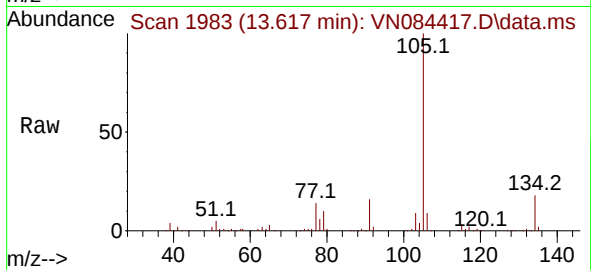




#81
 sec-Butylbenzene
 Concen: 19.980 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084417.D
 Acq: 15 Oct 2024 16:47

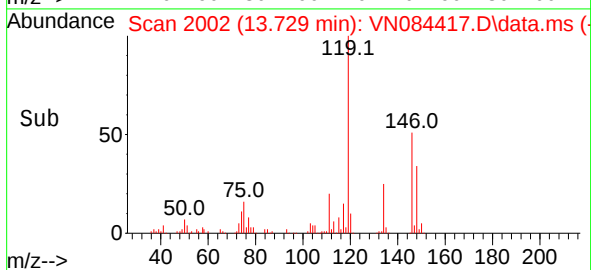
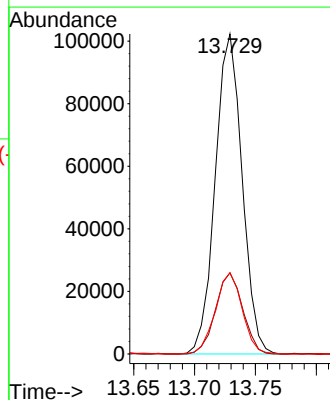
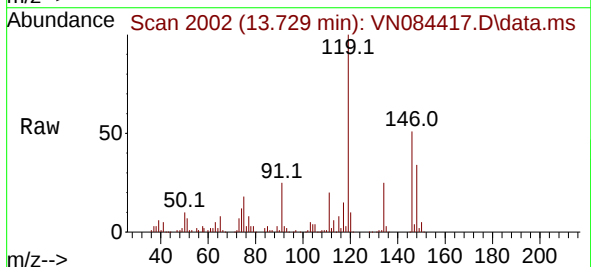
Instrument :
 MSVOA_N
 ClientSampleId :

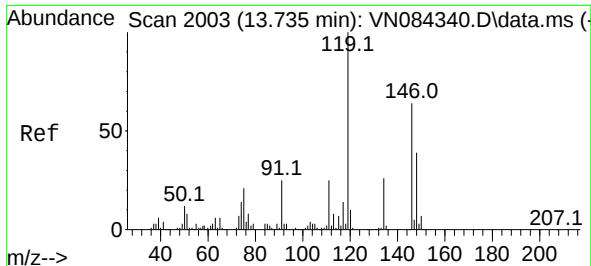
Tgt Ion:105 Resp: 190662
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 19.536 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084417.D
 Acq: 15 Oct 2024 16:47

Tgt Ion:119 Resp: 156911
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.2
 91 25.3 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 20.508 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

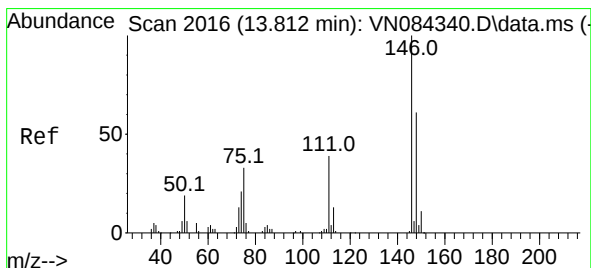
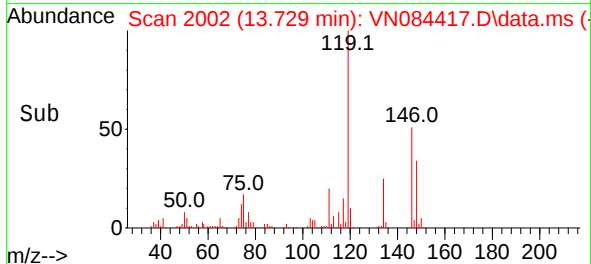
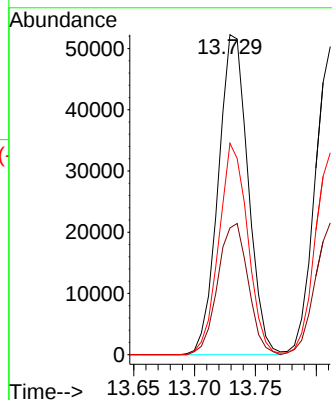
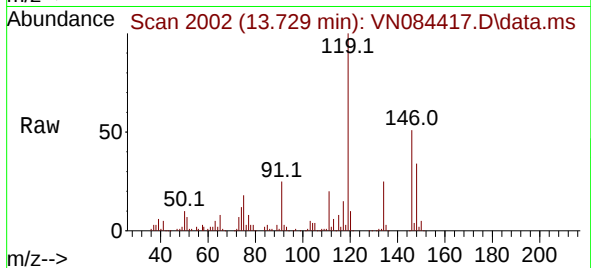
Tgt Ion:146 Resp: 89109

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

148 63.9 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 19.246 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

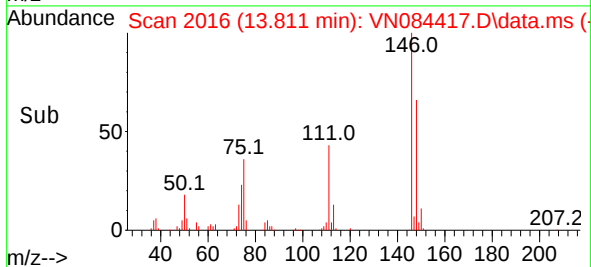
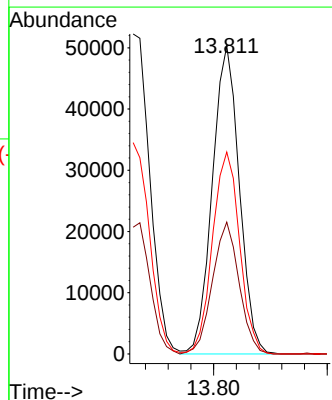
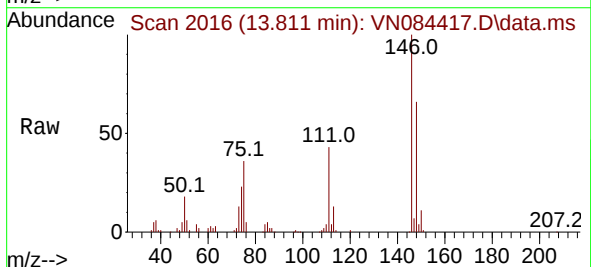
Tgt Ion:146 Resp: 83041

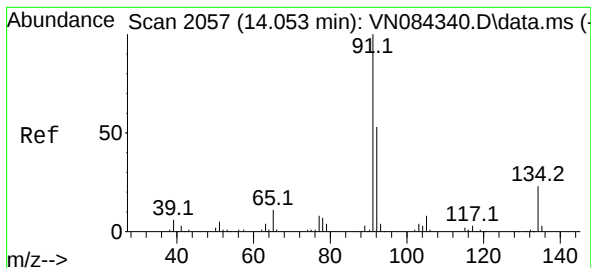
Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.5

148 65.7 32.5 97.4





#85

n-Butylbenzene

Concen: 18.916 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

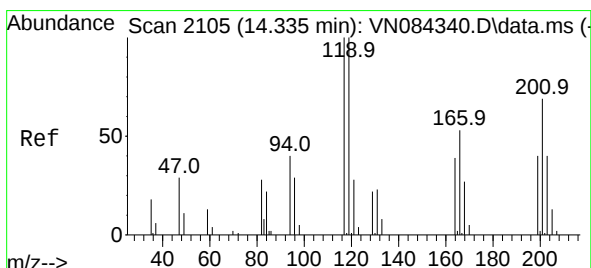
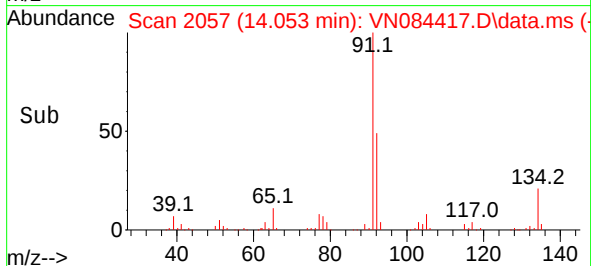
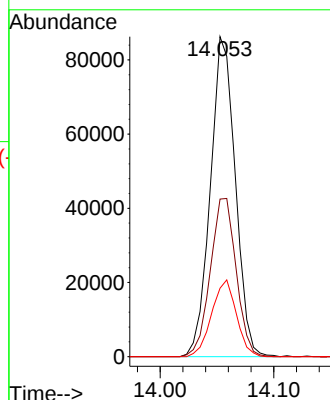
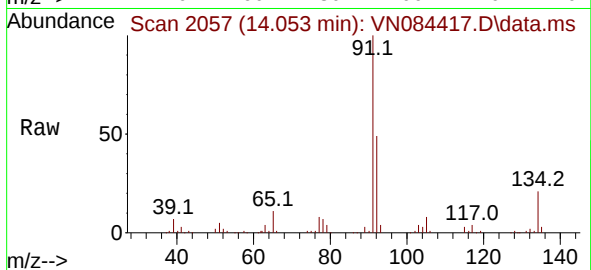
Tgt Ion: 91 Resp: 131589

Ion Ratio Lower Upper

91 100

92 51.3 0.0 103.4

134 23.8 0.0 48.0



#86

Hexachloroethane

Concen: 19.555 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN084417.D

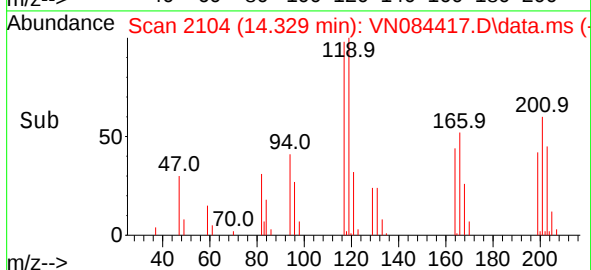
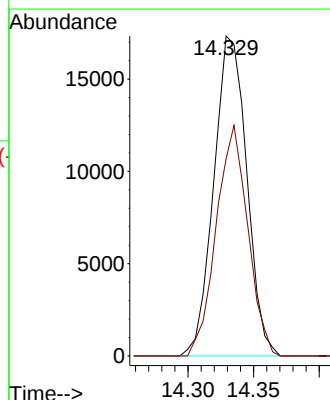
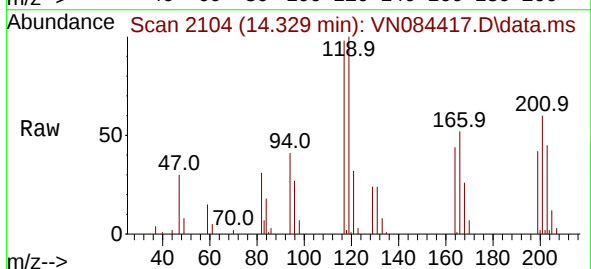
Acq: 15 Oct 2024 16:47

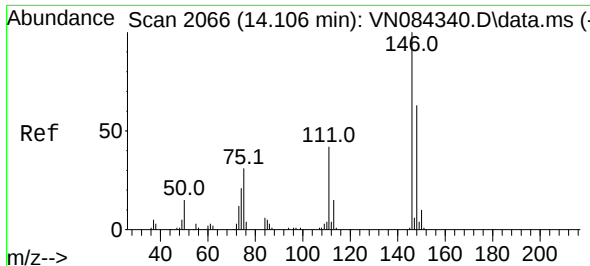
Tgt Ion: 117 Resp: 30260

Ion Ratio Lower Upper

117 100

201 69.1 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 20.071 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

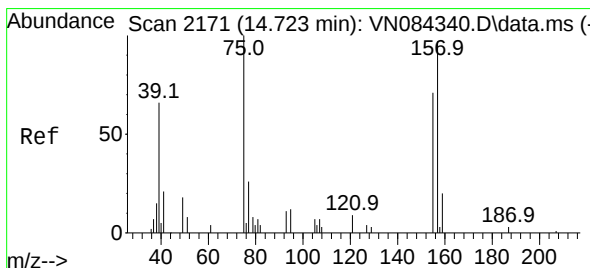
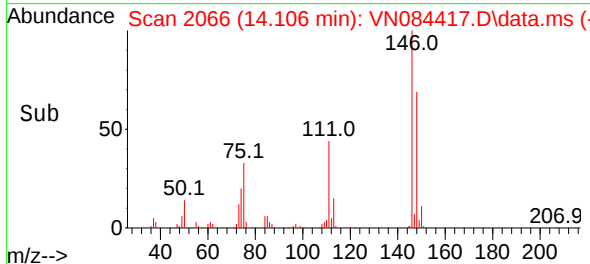
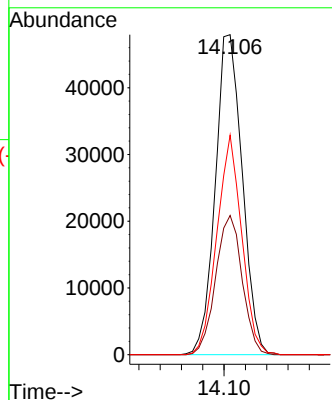
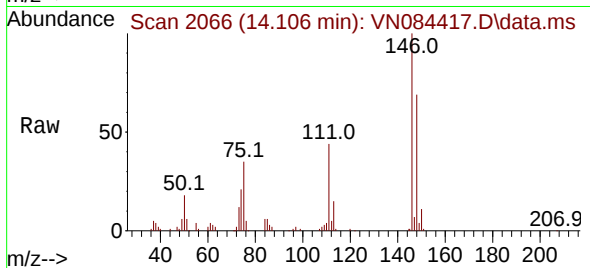
Tgt Ion:146 Resp: 84319

Ion Ratio Lower Upper

146 100

111 42.7 21.9 65.5

148 63.3 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.677 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

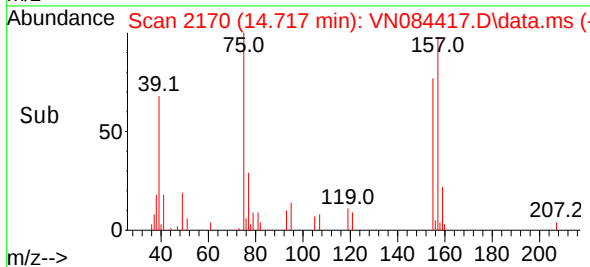
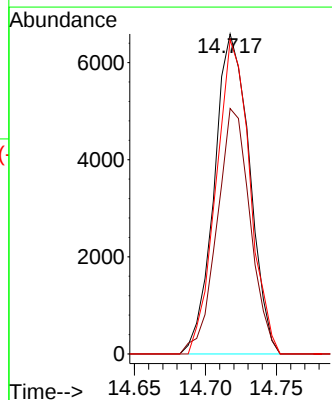
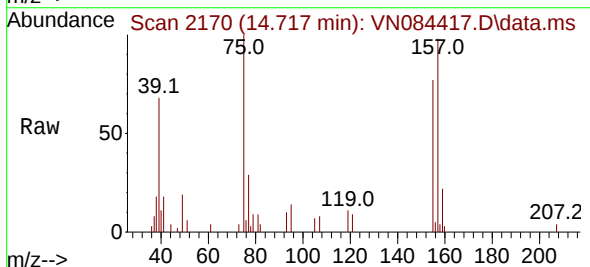
Tgt Ion: 75 Resp: 11401

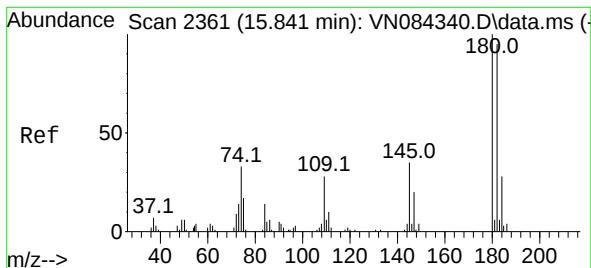
Ion Ratio Lower Upper

75 100

155 72.1 61.8 92.8

157 93.7 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 18.056 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

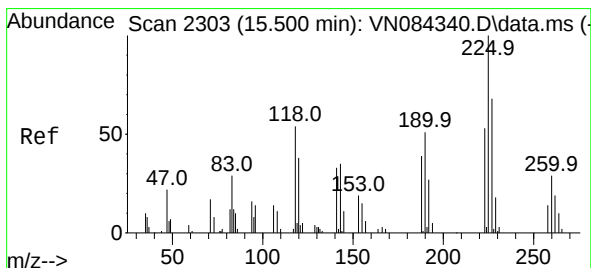
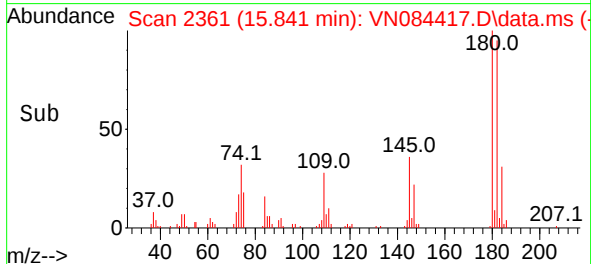
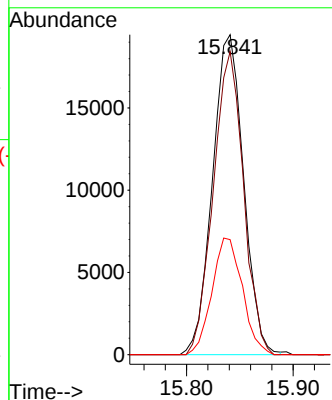
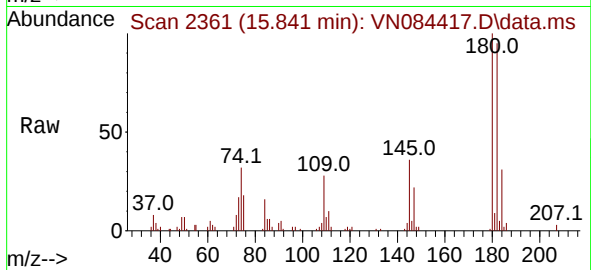
Tgt Ion:180 Resp: 39440

Ion Ratio Lower Upper

180 100

182 91.9 77.8 116.6

145 35.7 28.9 43.3



#90

Hexachlorobutadiene

Concen: 18.475 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084417.D

Acq: 15 Oct 2024 16:47

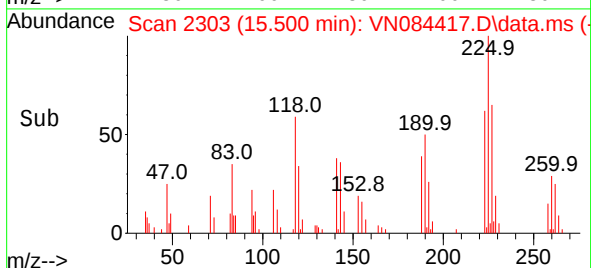
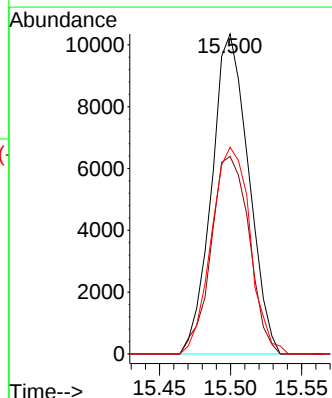
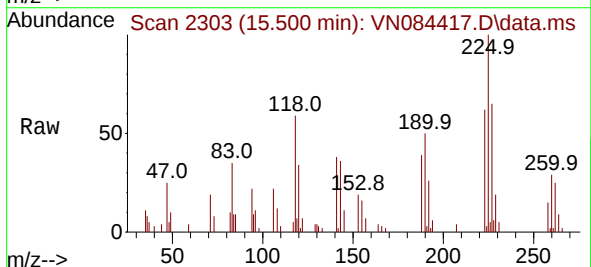
Tgt Ion:225 Resp: 18669

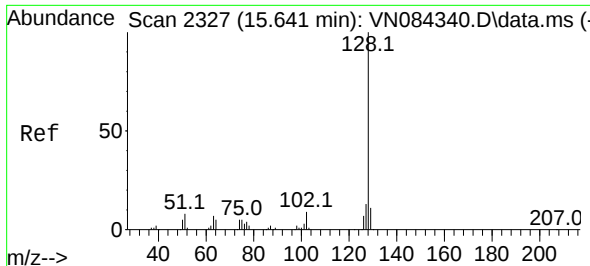
Ion Ratio Lower Upper

225 100

223 63.9 0.0 124.0

227 67.8 0.0 130.8

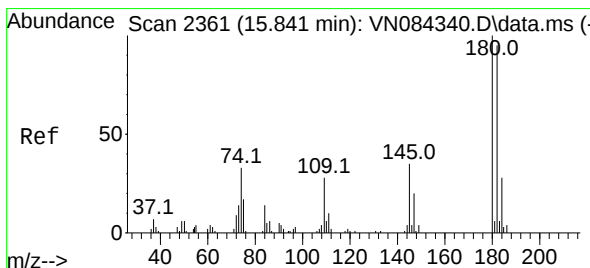
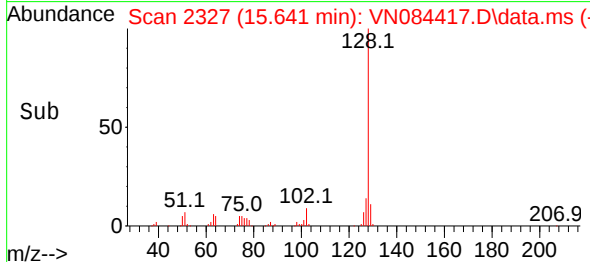
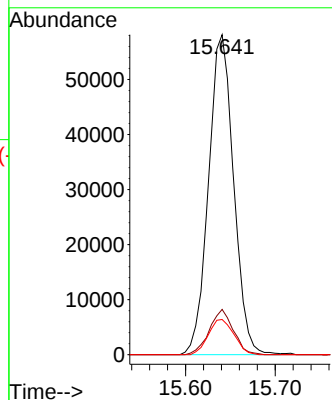
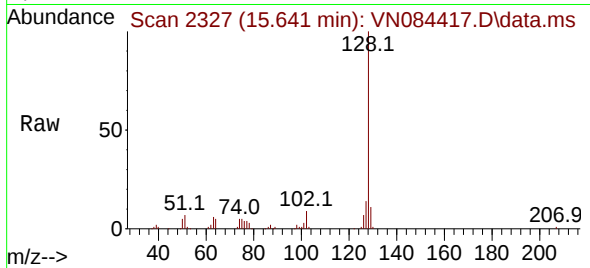




#91
Naphthalene
Concen: 15.269 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 113022
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.2 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.056 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084417.D
Acq: 15 Oct 2024 16:47

Tgt Ion:180 Resp: 39440
Ion Ratio Lower Upper
180 100
182 91.9 0.0 194.4
145 35.7 0.0 72.2

