

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084416.D
 Acq On : 15 Oct 2024 15:27
 Operator : JC\MD
 Sample : P4368-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 16 01:25:10 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	7.818	128	31338	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	154647	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	145162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73379	29.084	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.933%
60) 4-Bromofluorobenzene	12.847	95	65188	27.210	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.700%
63) Toluene-d8	10.565	98	204288	30.378	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	4232	2.212	ug/l	91
3) Chloromethane	2.359	50	5716	2.625	ug/l	99
4) Vinyl Chloride	2.512	62	4897	2.293	ug/l	92
5) Bromomethane	2.959	94	3603	2.547	ug/l	83
6) Chloroethane	3.118	64	4666	3.333	ug/l	97
7) Trichlorofluoromethane	3.495	101	8596	2.472	ug/l	97
8) Diethyl Ether	3.965	74	2584	2.021	ug/l	47
9) 1,1,2-Trichlorotrifluo...	4.371	101	4787	2.448	ug/l	73
10) 1,1-Dichloroethene	4.336	96	4424	2.267	ug/l #	70
11) Methyl Iodide	4.589	142	5527	2.155	ug/l	87
12) Methyl Acetate	5.036	43	5604	2.294	ug/l	98
13) Acrolein	4.183	56	4117	9.073	ug/l	85
14) Acrylonitrile	5.730	53	12334	11.239	ug/l	76
15) Acetone	4.436	58	4672	14.902	ug/l	73
16) Carbon Disulfide	4.706	76	14102	2.427	ug/l	98
17) Allyl chloride	5.006	41	1689	0.534	ug/l	89
18) Methylene Chloride	5.265	84	3097	1.409	ug/l	85
19) trans-1,2-Dichloroethene	5.777	96	4966	2.405	ug/l	87
20) Diisopropyl ether	6.677	45	13712	2.016	ug/l	97
21) 1,1-Dichloroethane	6.571	63	9905	2.538	ug/l #	91
22) cis-1,2-Dichloroethene	7.477	96	2728	1.135	ug/l #	83
23) tert-Butyl Alcohol	5.512	59	2075	4.929	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	13944	2.138	ug/l #	86
25) Chloroform	7.965	83	10198	2.580	ug/l	95
26) Cyclohexane	8.253	56	6295	1.929	ug/l #	75
29) 1,1-Dichloropropene	8.371	75	6013	2.369	ug/l	81
30) 2-Butanone	7.483	43	18032	13.341	ug/l #	98
31) 2,2-Dichloropropane	7.489	77	7681	2.575	ug/l #	72
32) 1,1,1-Trichloroethane	8.171	97	8820	2.718	ug/l	98
33) Carbon Tetrachloride	8.359	117	4912	1.747	ug/l #	77
34) Benzene	8.600	78	19672	2.475	ug/l #	67
35) Methacrylonitrile	7.783	41	3910	2.712	ug/l	89
36) 1,2-Dichloroethane	8.671	62	6879	2.597	ug/l #	84
37) Trichloroethene	9.347	130	5314	2.904	ug/l	97
38) Methylcyclohexane	9.594	83	6155	2.207	ug/l #	33
39) 1,2-Dichloropropane	9.618	63	5234	2.701	ug/l	95
40) Dibromomethane	9.712	93	3282	2.423	ug/l	92
41) Bromodichloromethane	9.888	83	7691	2.675	ug/l #	92
42) Vinyl Acetate	6.600	43	49703	10.573	ug/l	99

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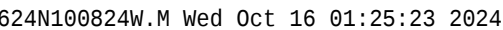
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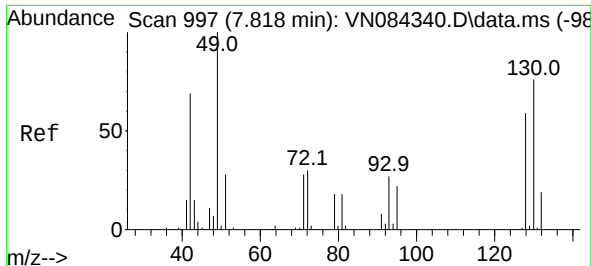
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	6824	2.560	ug/l #	78
44) Isopropyl Acetate	8.688	43	10393	2.382	ug/l	98
45) 1,4-Dioxane	9.688	88	1857	47.214	ug/l #	95
46) Methyl methacrylate	9.677	41	2141	1.016	ug/l	89
47) n-amyl Acetate	12.488	43	7207	1.857	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	6868	2.312	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	7220	2.319	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	4816	2.646	ug/l #	88
51) Ethyl methacrylate	10.871	69	5769	1.919	ug/l	93
52) 1,3-Dichloropropane	11.165	76	8047	2.528	ug/l	99
53) Dibromochloromethane	11.359	129	5252	2.442	ug/l	96
54) 1,2-Dibromoethane	11.476	107	4534	2.420	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	14293	10.480	ug/l	98
56) Bromoform	12.576	173	3554	2.492	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	29210	10.802	ug/l	99
59) 2-Hexanone	11.194	43	22419	11.157	ug/l	92
61) Tetrachloroethene	11.100	164	4296	2.616	ug/l	83
62) Toluene	10.629	91	21098	2.483	ug/l	97
64) Chlorobenzene	11.888	112	13476	2.548	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	4791	2.608	ug/l	97
66) Ethyl Benzene	11.965	91	19958	2.162	ug/l	99
67) m/p-Xylenes	12.076	106	14178	4.048	ug/l	100
68) o-Xylene	12.394	106	6568	1.945	ug/l	98
69) Styrene	12.412	104	10427	1.799	ug/l	97
70) Isopropylbenzene	12.694	105	16540	1.919	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.941	83	7204	2.702	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	8940	3.915	ug/l	50
73) Bromobenzene	12.982	156	5026	2.408	ug/l	95
74) n-propylbenzene	13.035	91	20360	1.982	ug/l	99
75) 2-Chlorotoluene	13.123	91	13836	2.168	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	13739	1.893	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	2080	2.132	ug/l	89
78) 4-Chlorotoluene	13.218	91	13443	2.072	ug/l	98
79) tert-butylbenzene	13.441	119	11856	1.915	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	13454	1.827	ug/l	100
81) sec-Butylbenzene	13.618	105	15912	1.867	ug/l	95
82) p-Isopropyltoluene	13.729	119	12181	1.698	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	8510	2.193	ug/l	95
84) 1,4-Dichlorobenzene	13.812	146	8081	2.097	ug/l	95
85) n-Butylbenzene	14.053	91	10146	1.633	ug/l	97
86) Hexachloroethane	14.335	117	3260	2.359	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	7832	2.087	ug/l	90
88) 1,2-Dibromo-3-Chloropr...	14.723	75	1285	2.357	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	3633	1.862	ug/l #	91
90) Hexachlorobutadiene	15.506	225	1417	1.570	ug/l	49
91) Naphthalene	15.641	128	9622	1.455	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.847	180	3633	1.862	ug/l	91

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

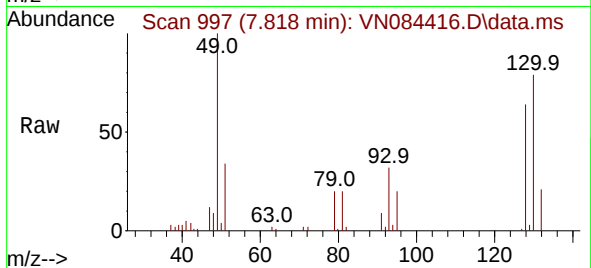
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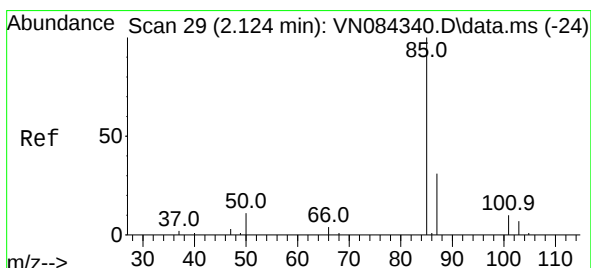
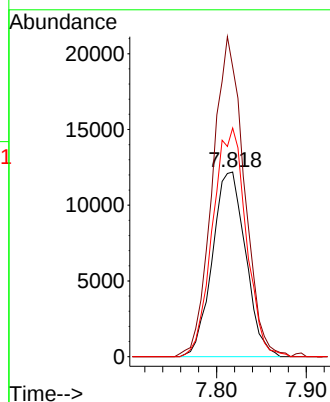
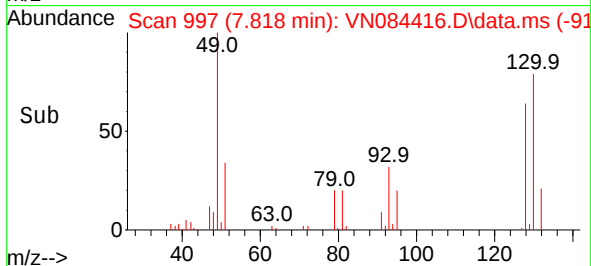


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Instrument :
MSVOA_N
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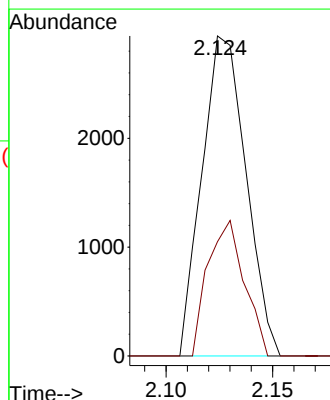
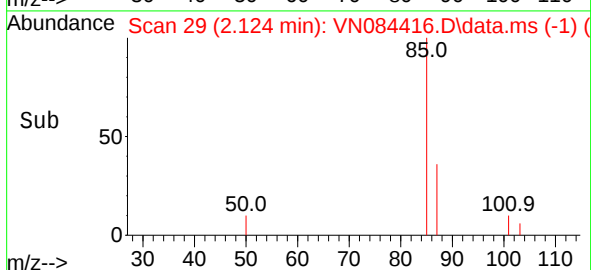
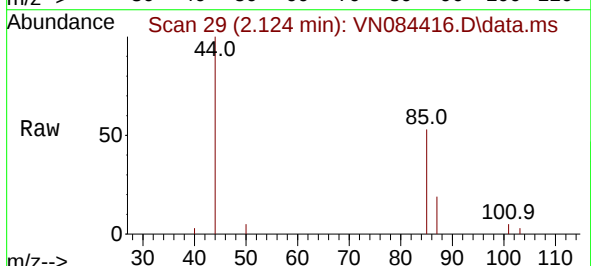


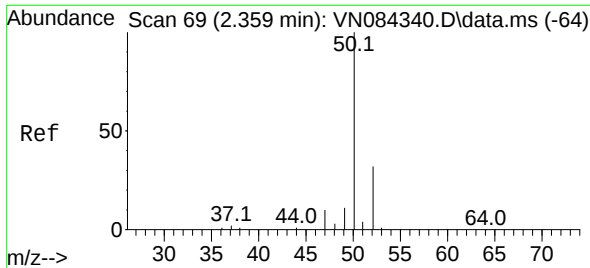
Tgt Ion:128 Resp: 31338
Ion Ratio Lower Upper
128 100
49 165.6 0.0 430.0
130 124.7 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 2.212 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 85 Resp: 4232
Ion Ratio Lower Upper
85 100
87 35.7 15.4 46.4

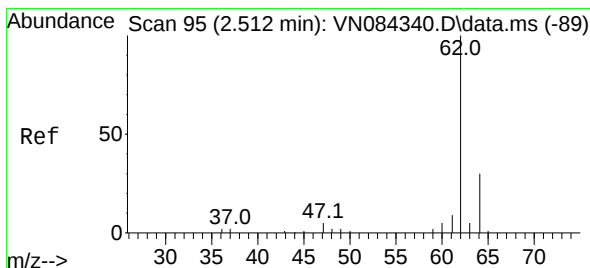
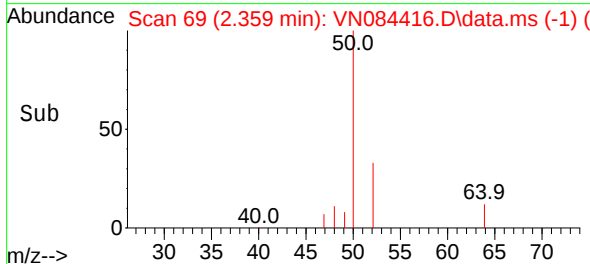
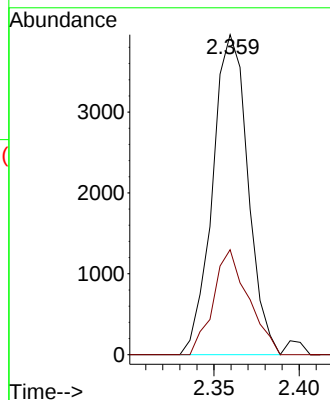
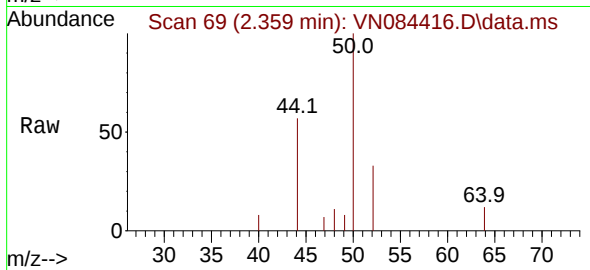




#3
Chloromethane
Concen: 2.625 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

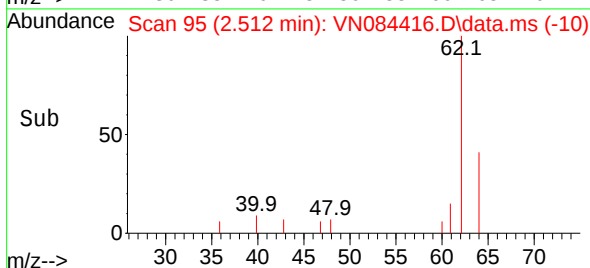
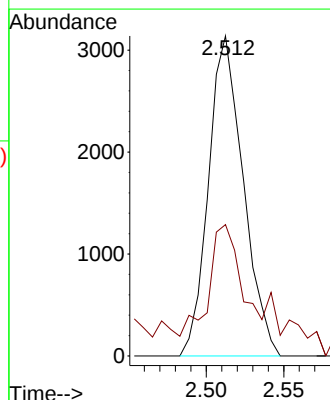
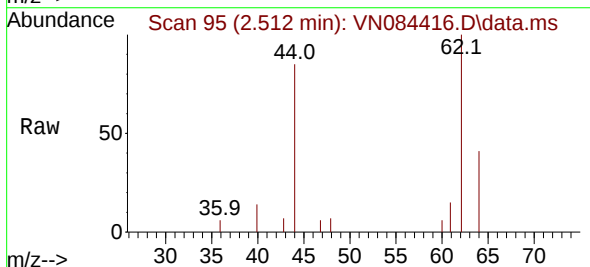
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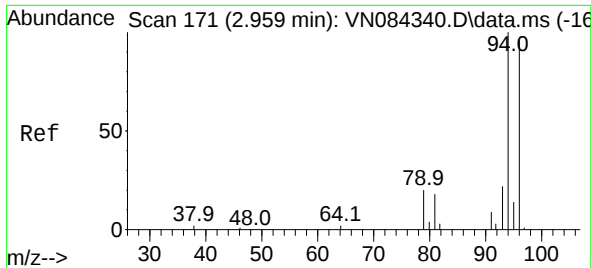
Tgt Ion: 50 Resp: 5716
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6



#4
Vinyl Chloride
Concen: 2.293 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 62 Resp: 4897
Ion Ratio Lower Upper
62 100
64 34.9 24.3 36.5

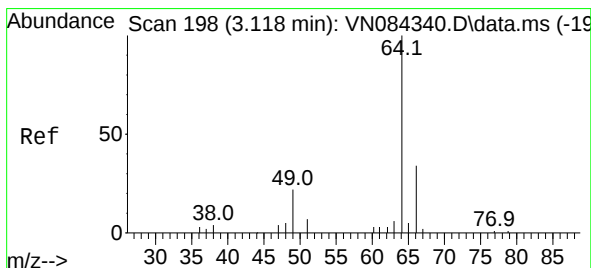
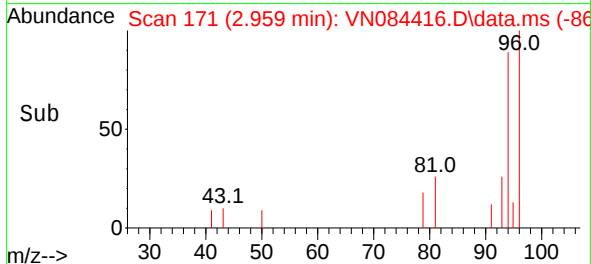
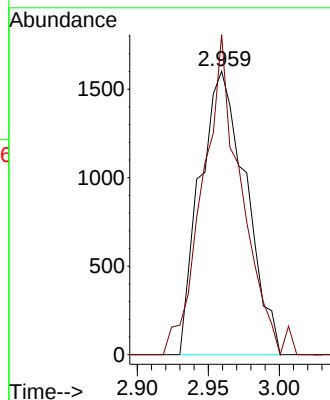
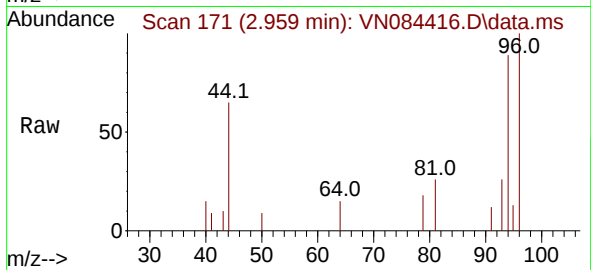




#5
Bromomethane
Concen: 2.547 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

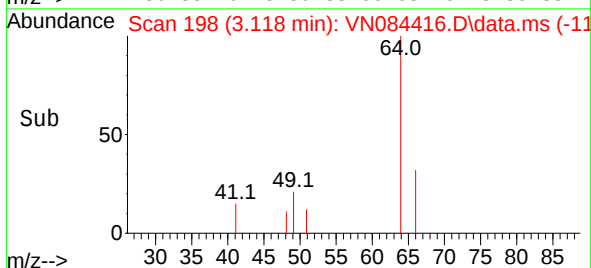
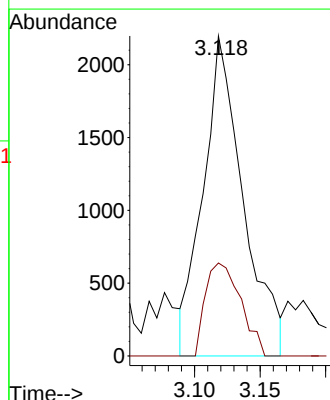
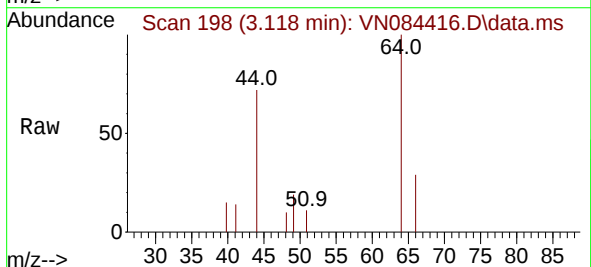
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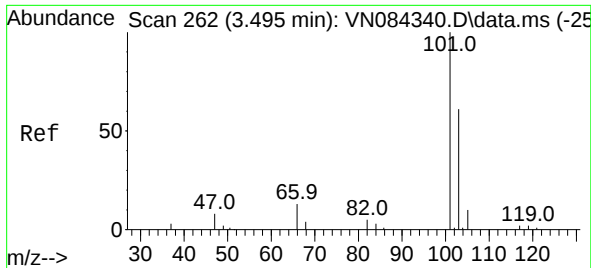
Tgt Ion: 94 Resp: 3603
Ion Ratio Lower Upper
94 100
96 112.9 76.7 115.1



#6
Chloroethane
Concen: 3.333 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 64 Resp: 4666
Ion Ratio Lower Upper
64 100
66 32.9 27.7 41.5

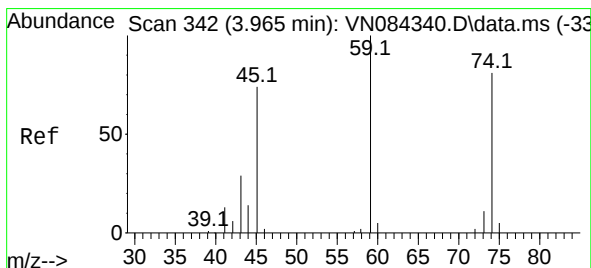
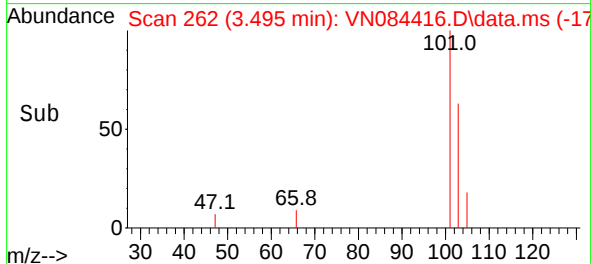
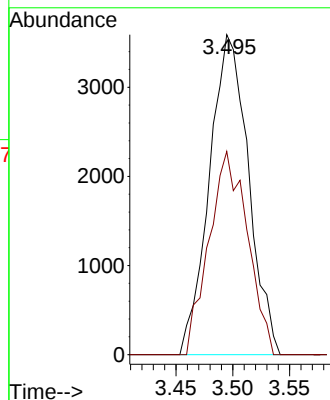
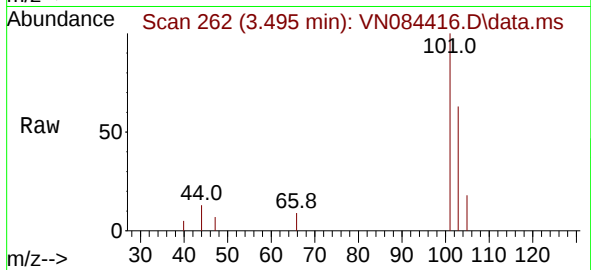




#7
 Trichlorofluoromethane
 Concen: 2.472 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

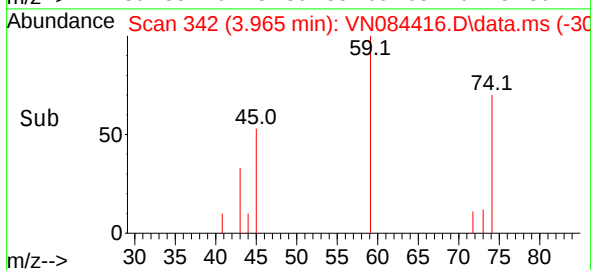
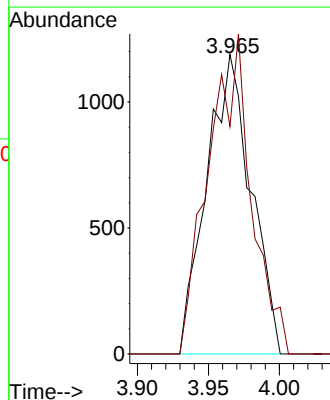
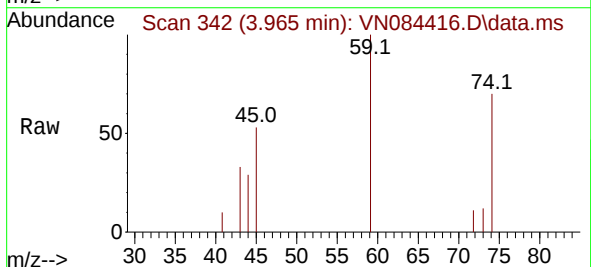
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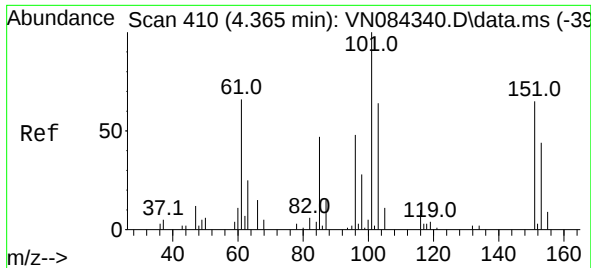
Tgt Ion:101 Resp: 8596
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.0 73.6



#8
 Diethyl Ether
 Concen: 2.021 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

Tgt Ion: 74 Resp: 2584
 Ion Ratio Lower Upper
 74 100
 45 44.0 19.2 173.2

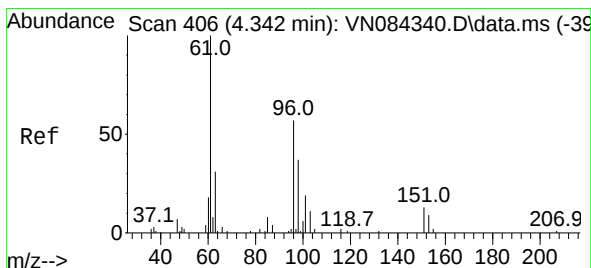
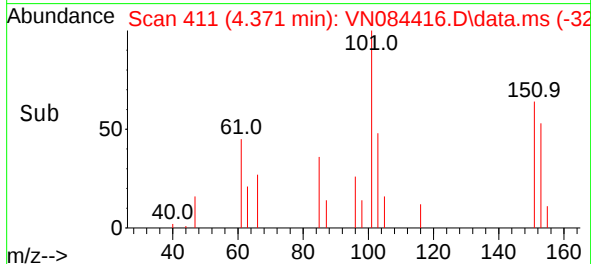
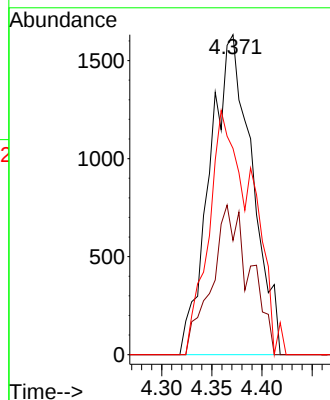
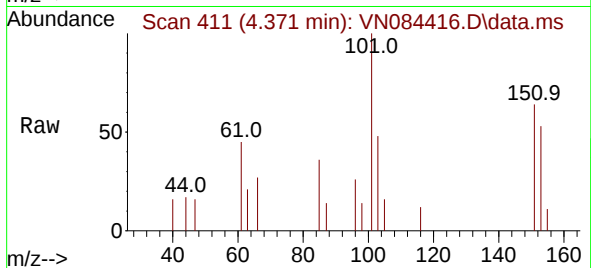




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.448 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

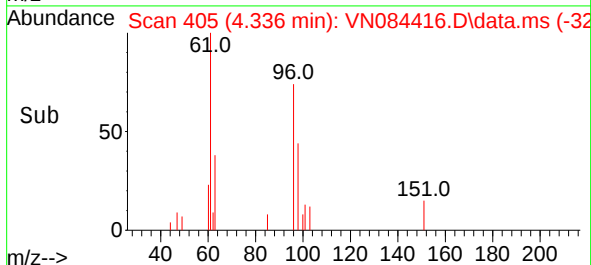
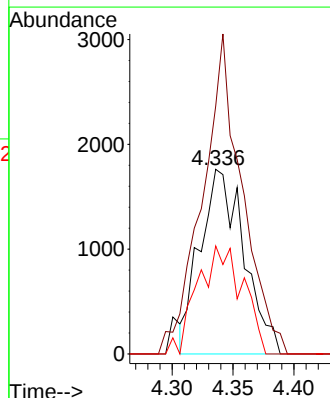
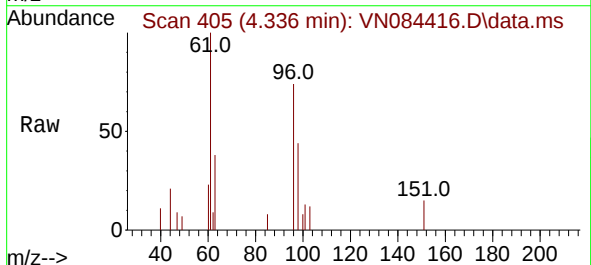
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ClientSampleId :

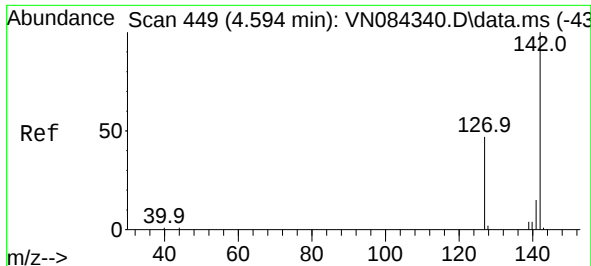
Tgt Ion:101 Resp: 4787
Ion Ratio Lower Upper
101 100
85 24.6 0.0 93.6
151 56.4 0.0 151.8



#10
1,1-Dichloroethene
Concen: 2.267 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 96 Resp: 4424
Ion Ratio Lower Upper
96 100
61 123.2 140.8 211.2#
98 58.5 52.2 78.2





#11

Methyl Iodide

Concen: 2.155 ug/l

RT: 4.589 min Scan# 449

Delta R.T. -0.006 min

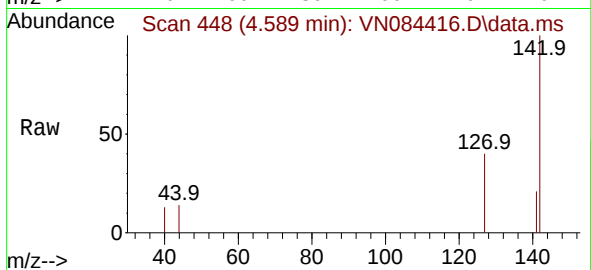
Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :



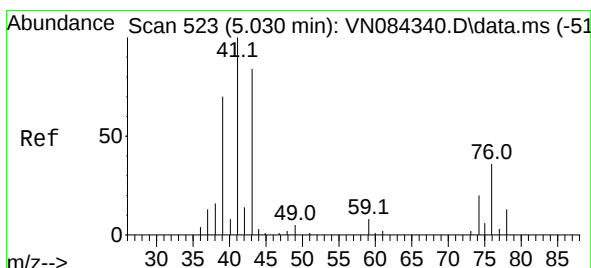
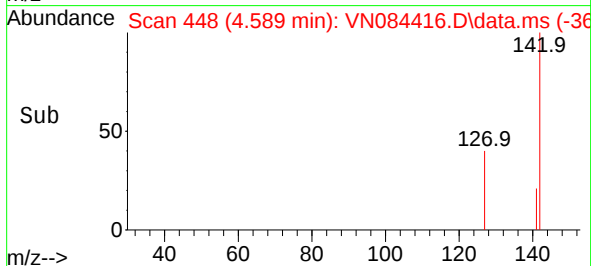
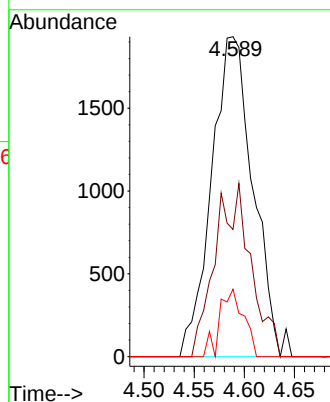
Tgt Ion:142 Resp: 5527

Ion Ratio Lower Upper

142 100

127 39.8 23.8 71.4

141 21.1 7.4 22.2



#12

Methyl Acetate

Concen: 2.294 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.006 min

Lab File: VN084416.D

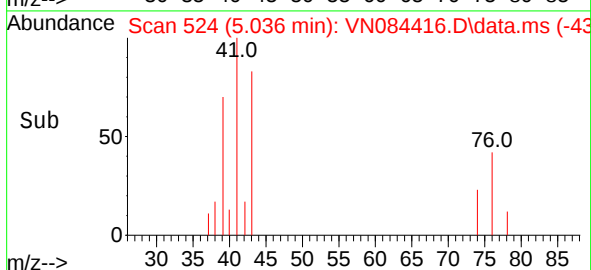
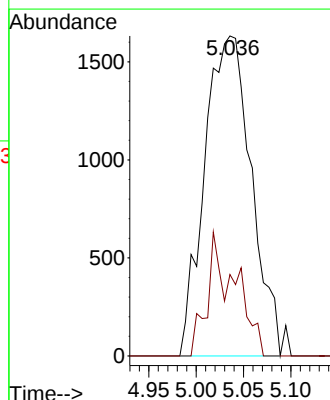
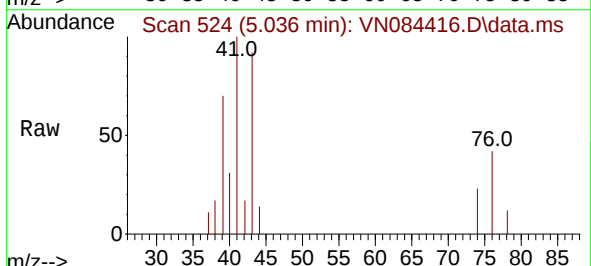
Acq: 15 Oct 2024 15:27

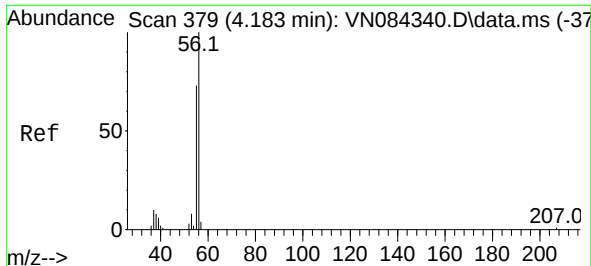
Tgt Ion: 43 Resp: 5604

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.2





#13

Acrolein

Concen: 9.073 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

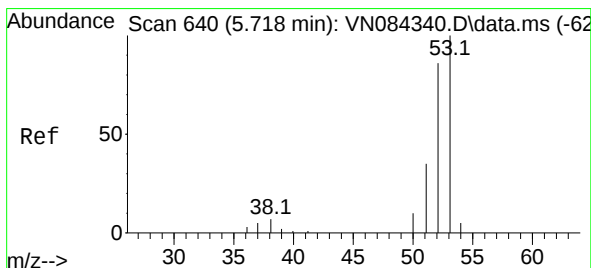
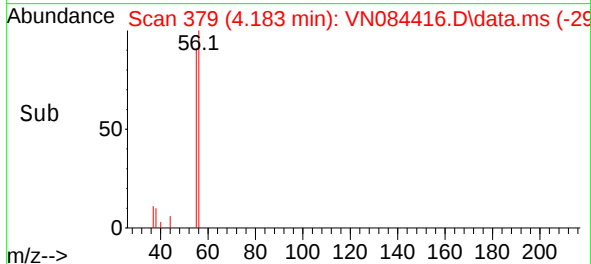
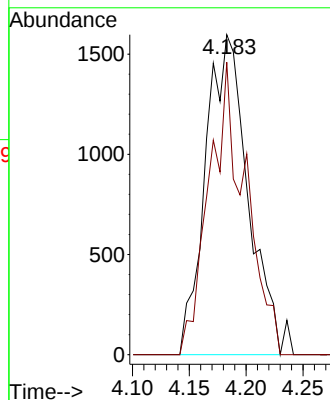
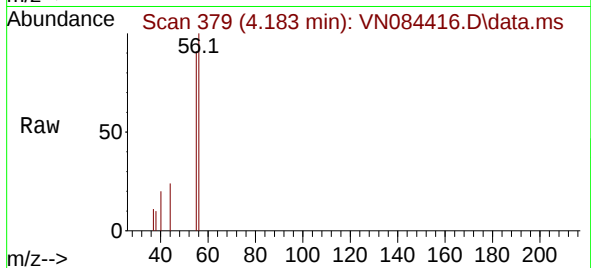
ClientSampleId :

Tgt Ion: 56 Resp: 4117

Ion Ratio Lower Upper

56 100

55 58.1 56.4 84.6



#14

Acrylonitrile

Concen: 11.239 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.012 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

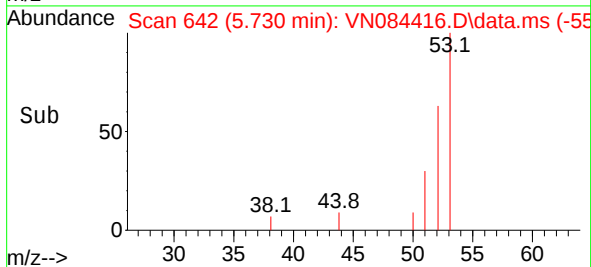
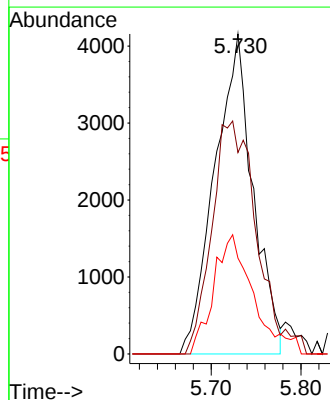
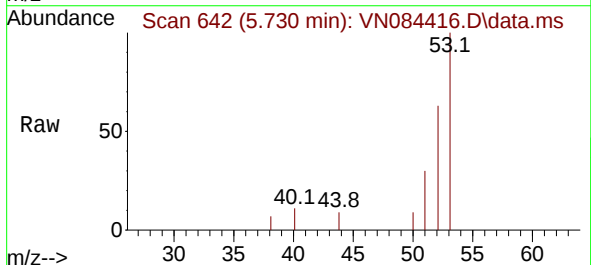
Tgt Ion: 53 Resp: 12334

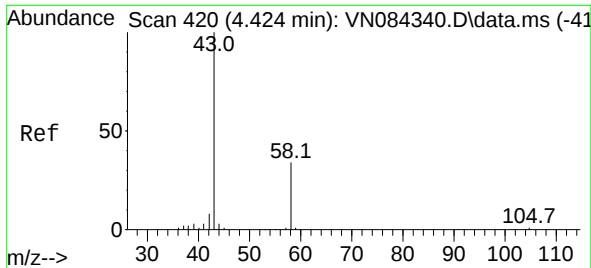
Ion Ratio Lower Upper

53 100

52 50.6 40.4 121.2

51 36.0 17.8 53.4

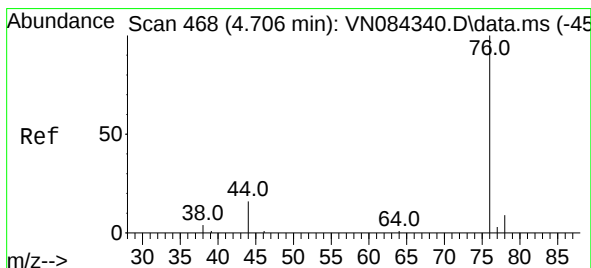
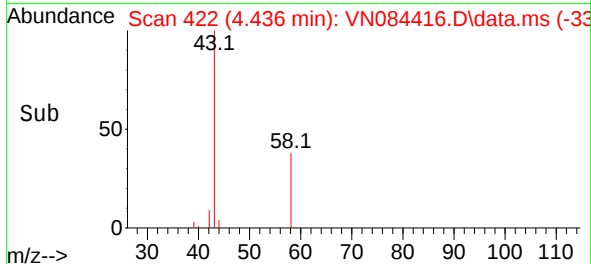
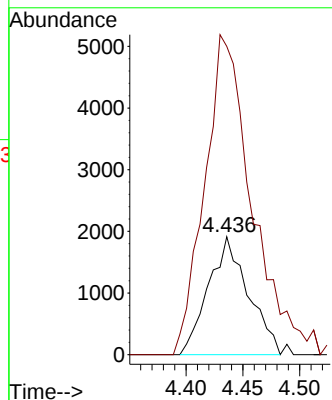
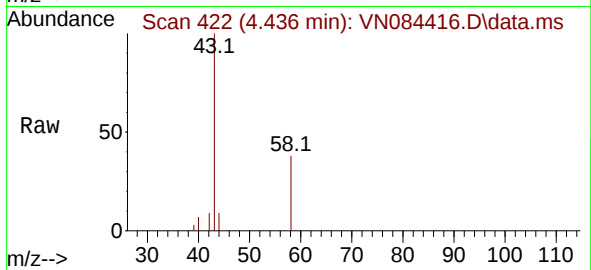




#15
Acetone
Concen: 14.902 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

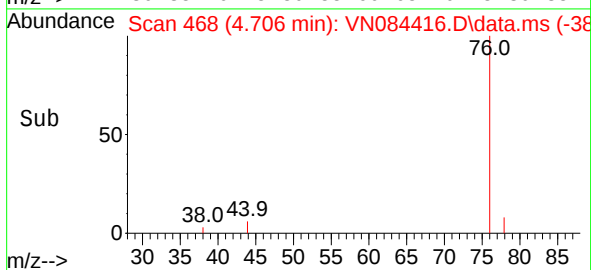
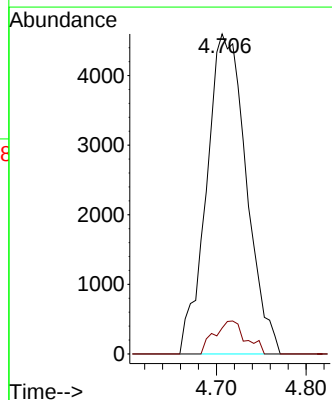
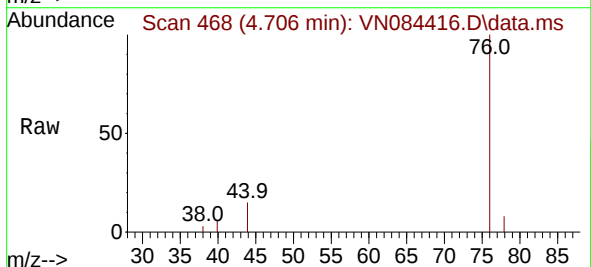
Instrument :
MSVOA_N
ClientSampleId :

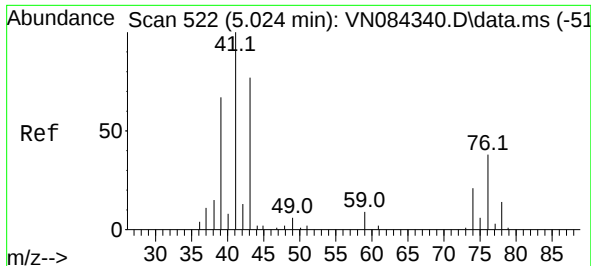
Tgt Ion: 58 Resp: 4672
Ion Ratio Lower Upper
58 100
43 244.2 237.5 356.3



#16
Carbon Disulfide
Concen: 2.427 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

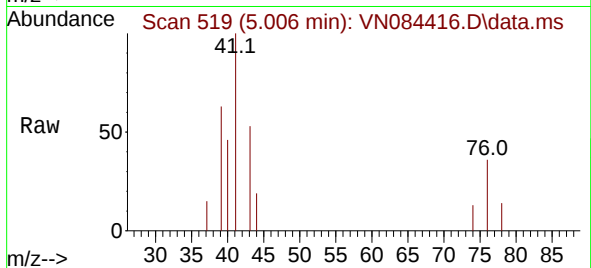
Tgt Ion: 76 Resp: 14102
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



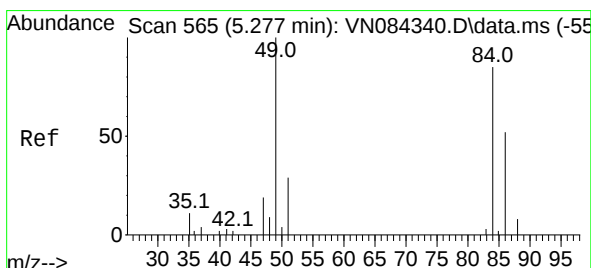
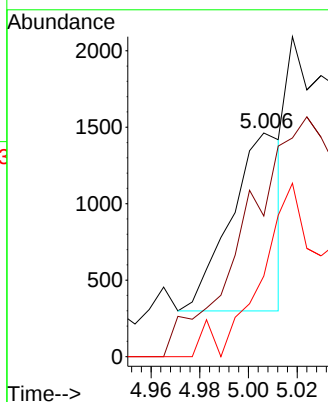
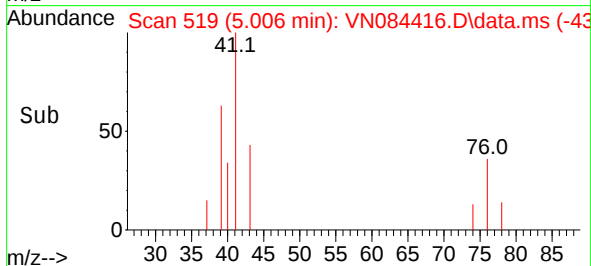


#17
 Allyl chloride
 Concen: 0.534 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.018 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

Instrument :
 MSVOA_N
 ClientSampleId :

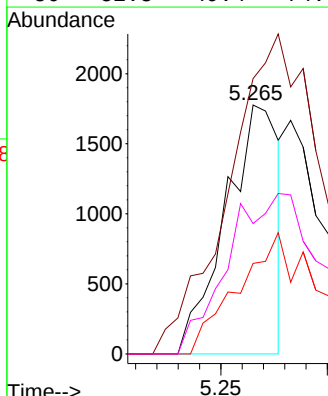
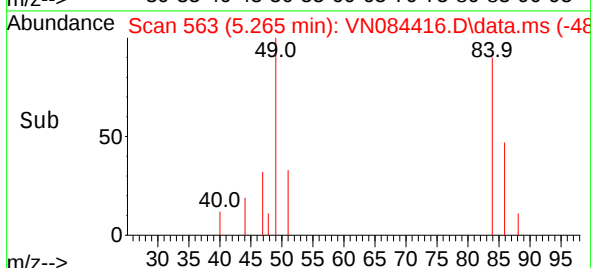
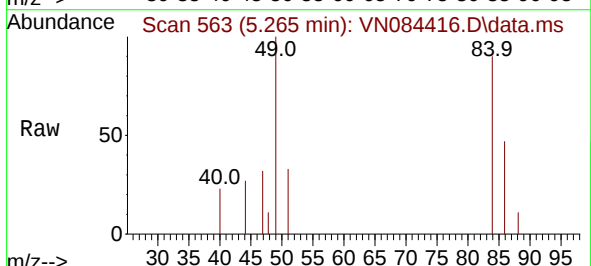


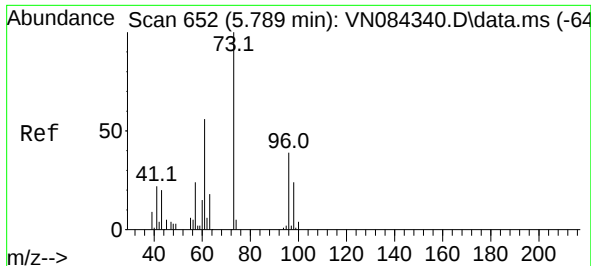
Tgt Ion: 41	Resp: 1689
Ion Ratio	Lower Upper
41	100
39	56.4 31.4 94.3
76	45.3 17.8 53.5



#18
 Methylene Chloride
 Concen: 1.409 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

Tgt Ion: 84	Resp: 3097
Ion Ratio	Lower Upper
84	100
49	96.1 94.6 142.0
51	36.4 27.3 40.9
86	52.3 49.4 74.0





#19

trans-1,2-Dichloroethene

Concen: 2.405 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

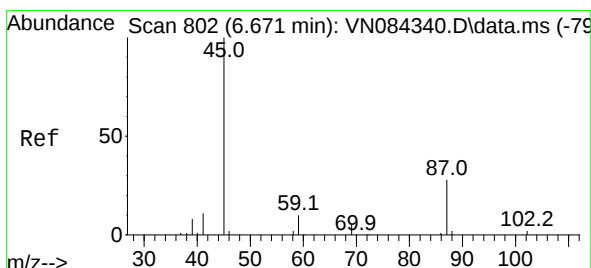
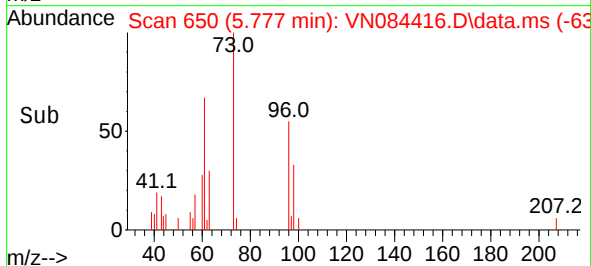
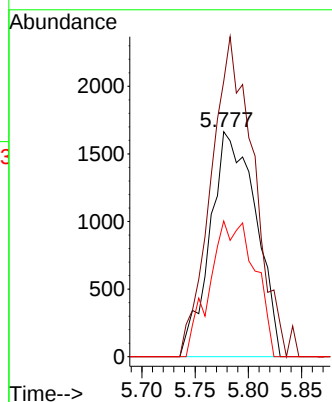
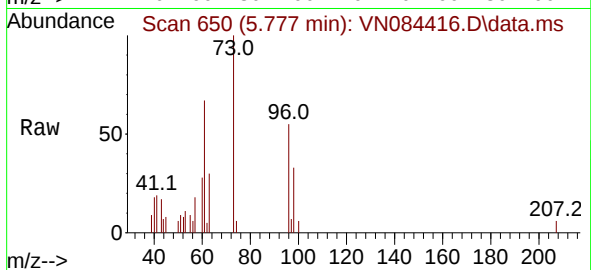
Tgt Ion: 96 Resp: 4966

Ion Ratio Lower Upper

96 100

61 122.4 115.8 173.6

98 60.3 49.4 74.0



#20

Diisopropyl ether

Concen: 2.016 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion: 45 Resp: 13712

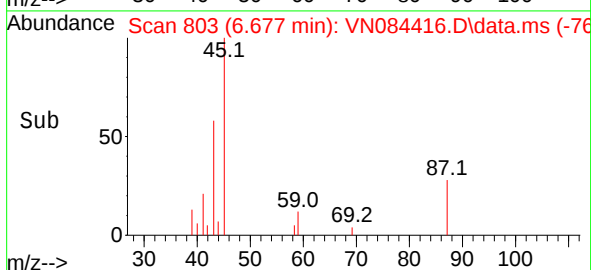
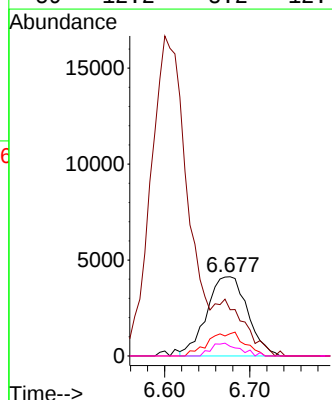
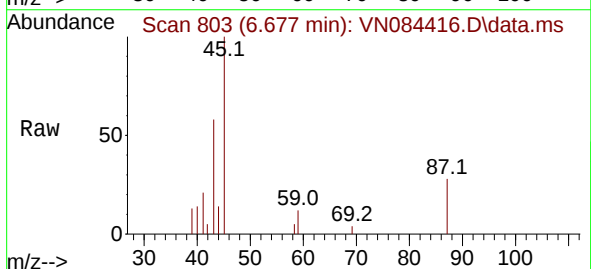
Ion Ratio Lower Upper

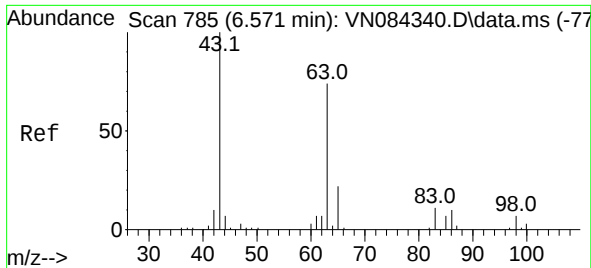
45 100

43 52.1 43.7 65.5

87 28.1 23.1 34.7

59 12.2 8.2 12.4





#21

1,1-Dichloroethane

Concen: 2.538 ug/l

RT: 6.571 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN084416.D

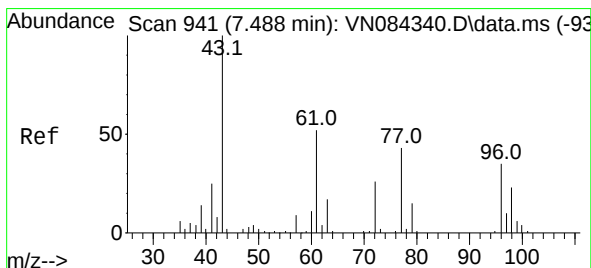
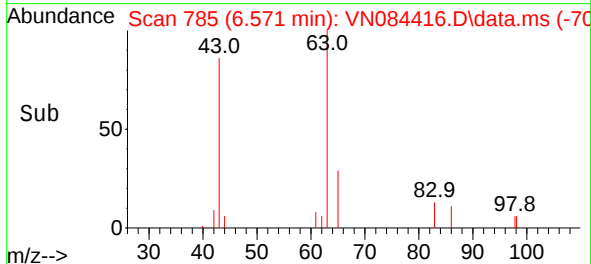
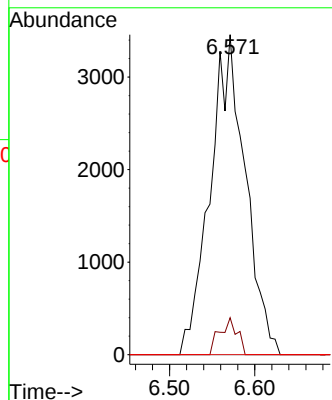
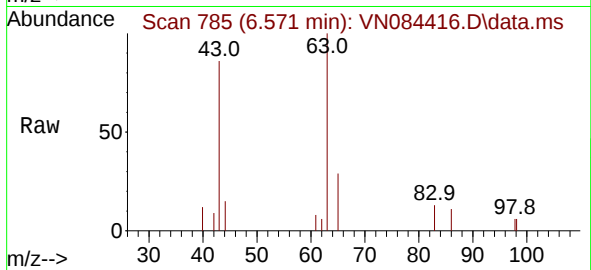
Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	9905
Ion Ratio	Lower	Upper	
63	100		
98	11.6	4.5	13.4
100	0.0	2.1	6.3#



#22

cis-1,2-Dichloroethene

Concen: 1.135 ug/l

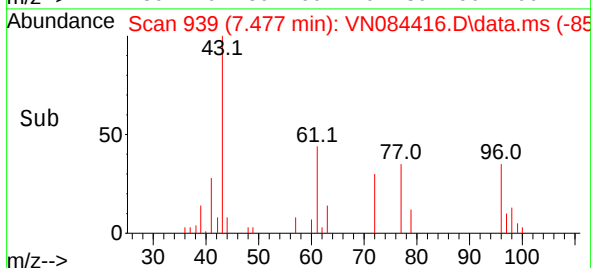
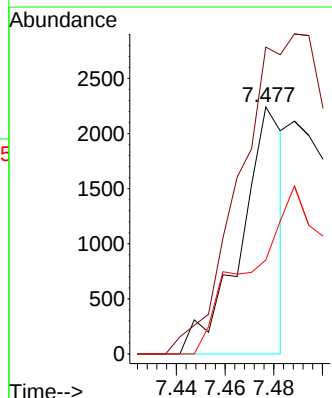
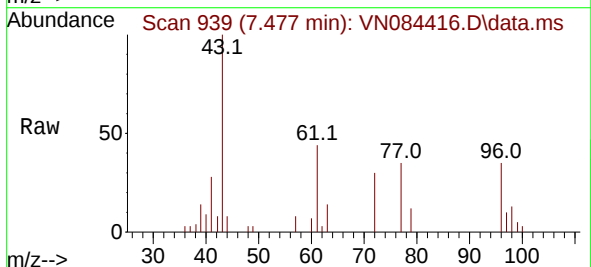
RT: 7.477 min Scan# 939

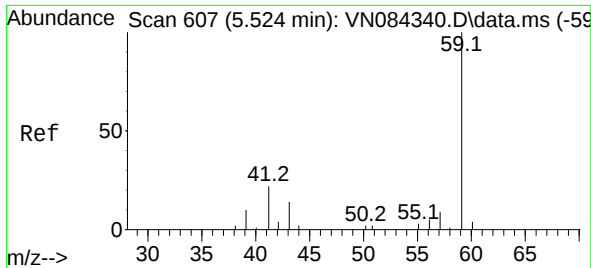
Delta R.T. -0.012 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion:	96	Resp:	2728
Ion Ratio	Lower	Upper	
96	100		
61	139.6	118.0	177.0
98	98.3	51.8	77.8#

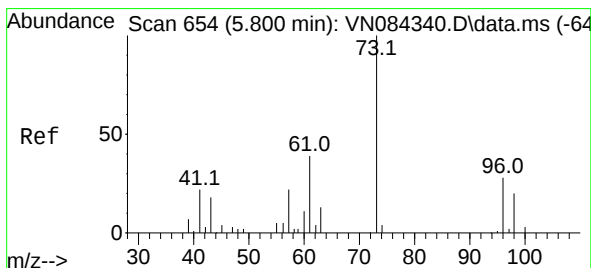
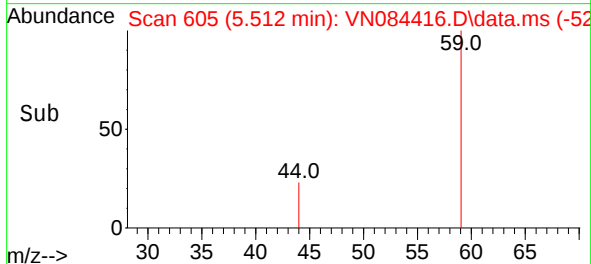
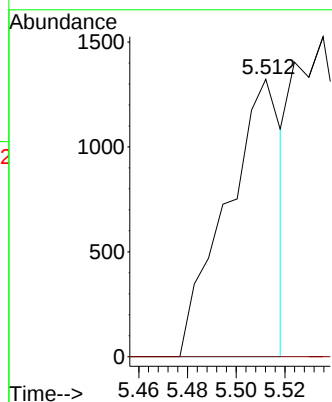
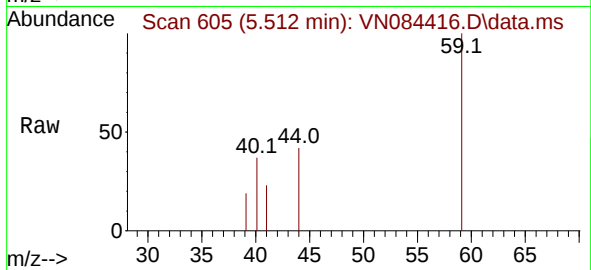




#23
tert-Butyl Alcohol
Concen: 4.929 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

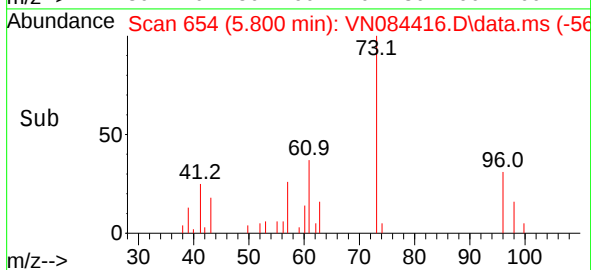
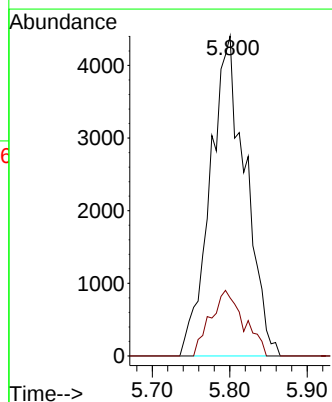
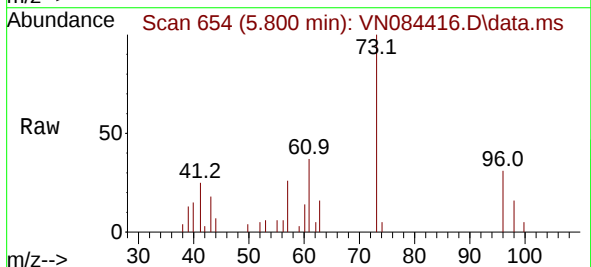
Instrument :
MSVOA_N
ClientSampleId :

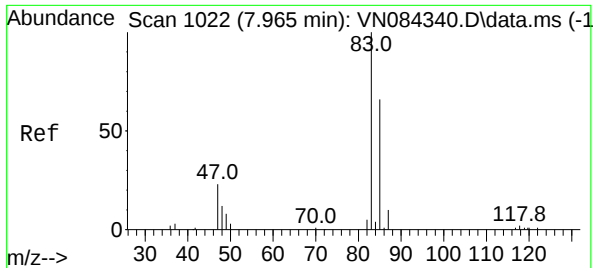
Tgt Ion: 59 Resp: 2075
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 2.138 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 73 Resp: 13944
Ion Ratio Lower Upper
73 100
43 8.0 10.9 16.3#





#25

Chloroform

Concen: 2.580 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

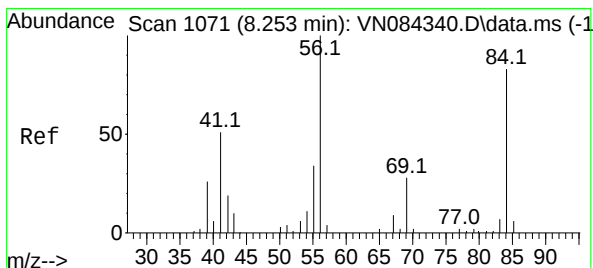
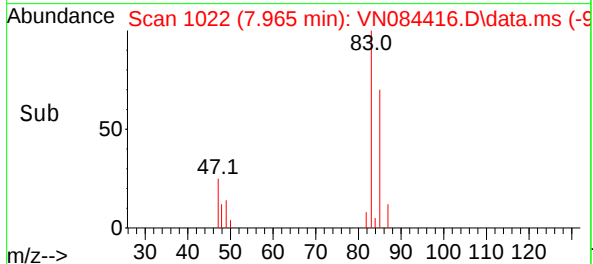
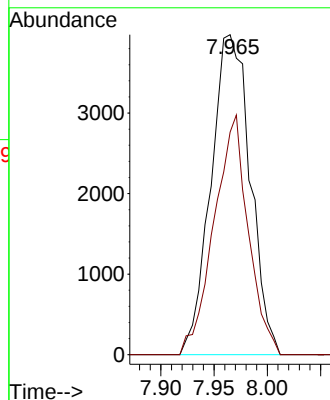
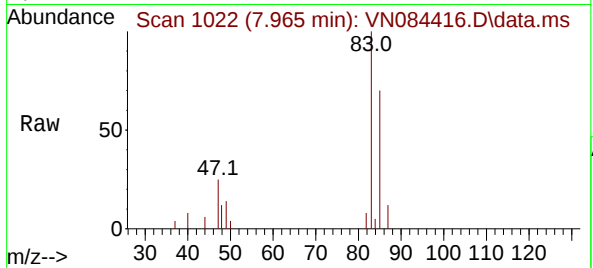
ClientSampleId :

Tgt Ion: 83 Resp: 10198

Ion Ratio Lower Upper

83 100

85 69.5 52.4 78.6



#26

Cyclohexane

Concen: 1.929 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

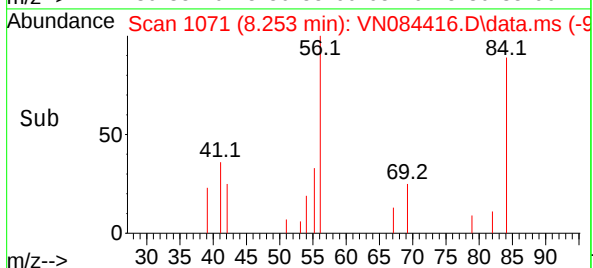
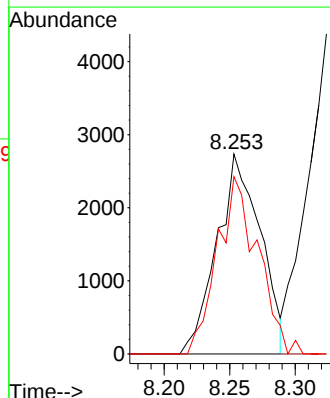
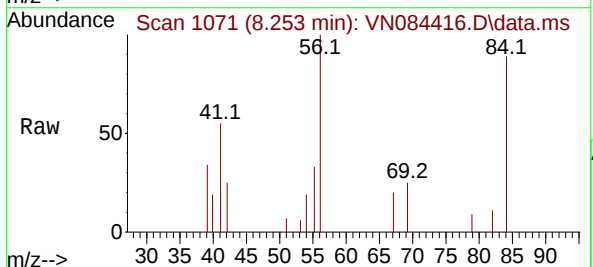
Tgt Ion: 56 Resp: 6295

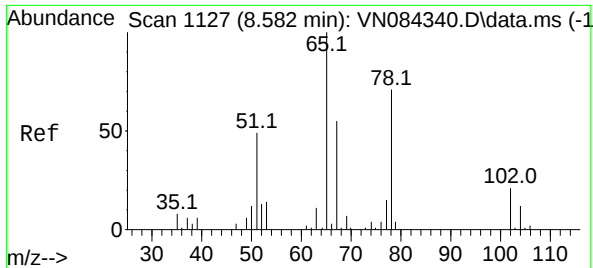
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 61.2 67.0 100.6#

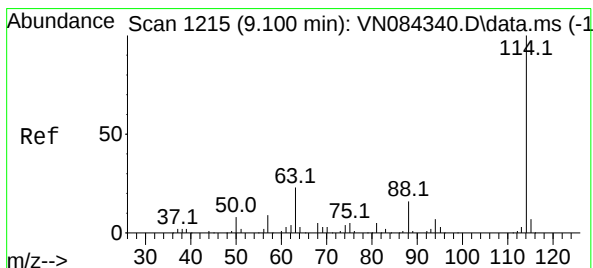
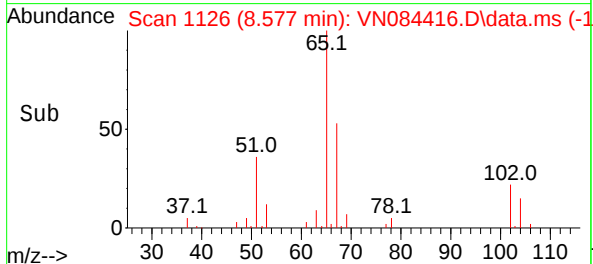
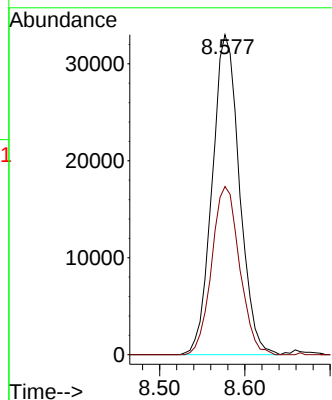
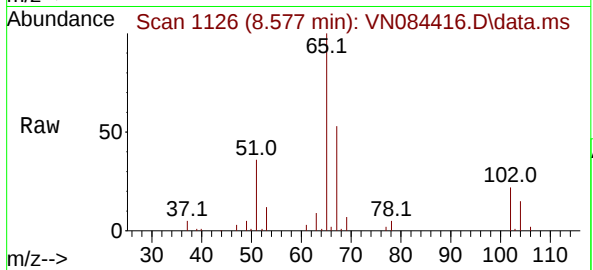




#27
1,2-Dichloroethane-d4
Concen: 29.084 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

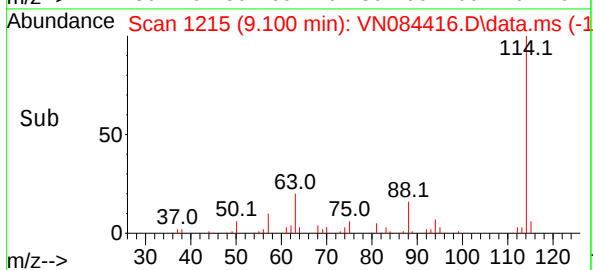
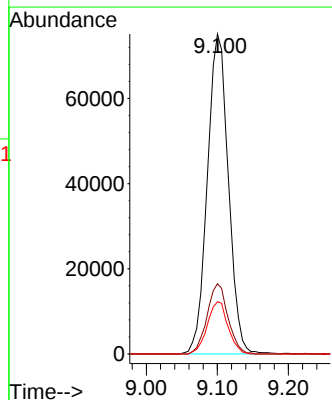
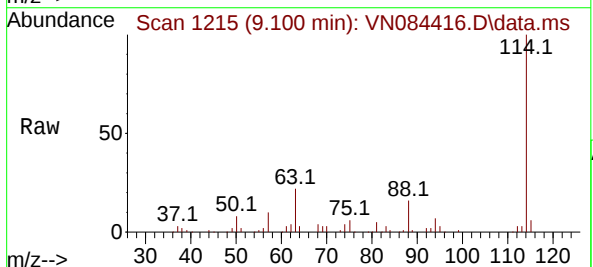
Instrument :
MSVOA_N
ClientSampleId :

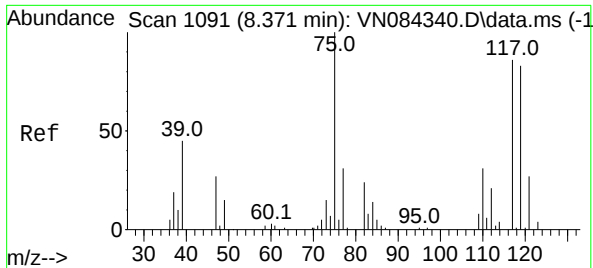
Tgt Ion: 65 Resp: 73379
Ion Ratio Lower Upper
65 100
67 53.5 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion:114 Resp: 154647
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.1 13.2 19.8

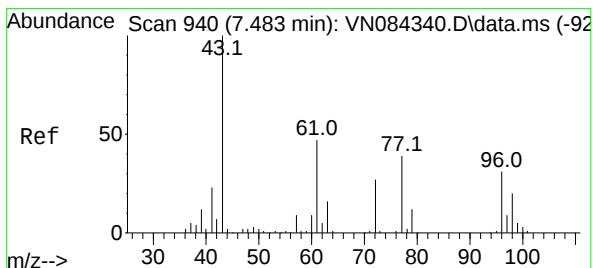
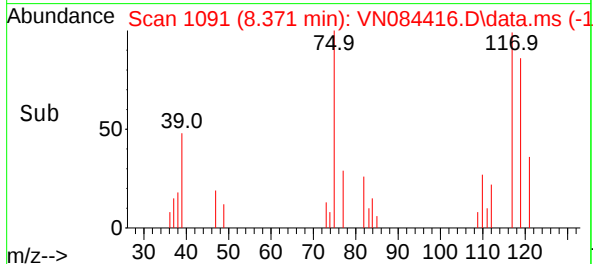
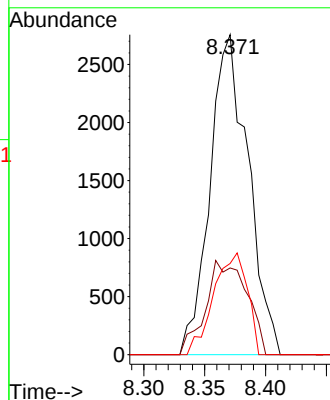
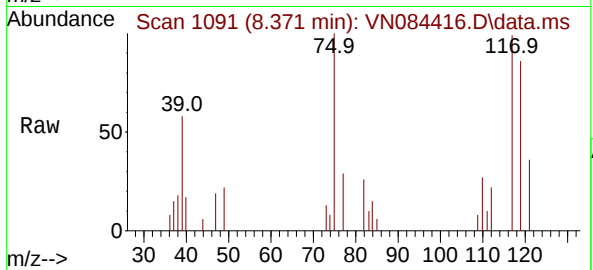




#29
1,1-Dichloropropene
Concen: 2.369 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

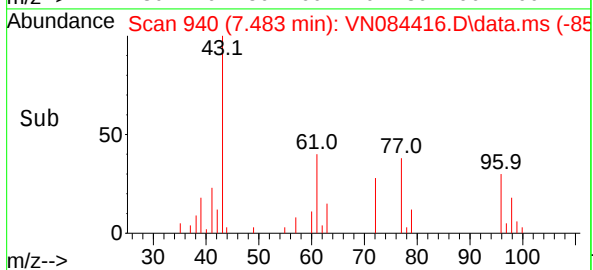
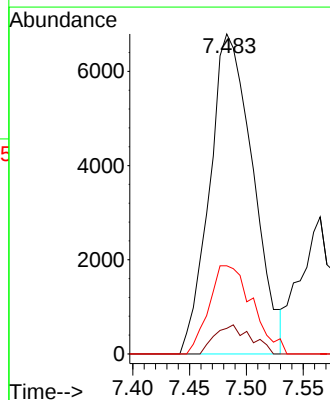
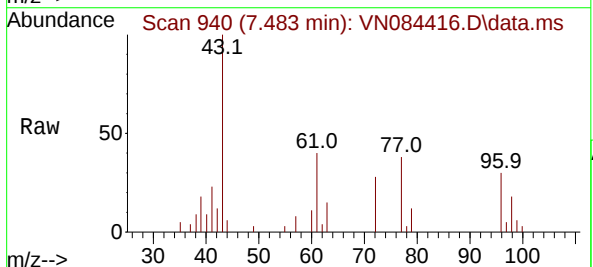
Instrument :
MSVOA_N
ClientSampleId :

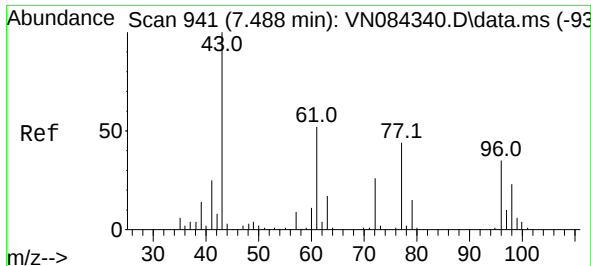
Tgt Ion: 75 Resp: 6013
Ion Ratio Lower Upper
75 100
110 15.4 0.0 67.6
77 28.0 0.0 61.4



#30
2-Butanone
Concen: 13.341 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 43 Resp: 18032
Ion Ratio Lower Upper
43 100
57 6.5 6.6 9.8#
72 26.9 21.3 31.9

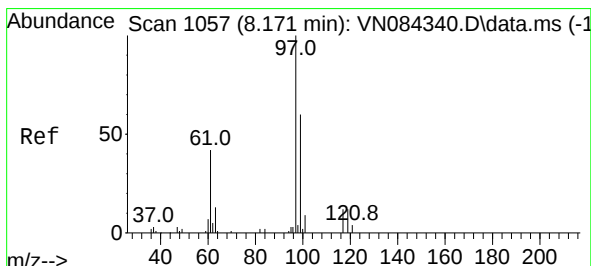
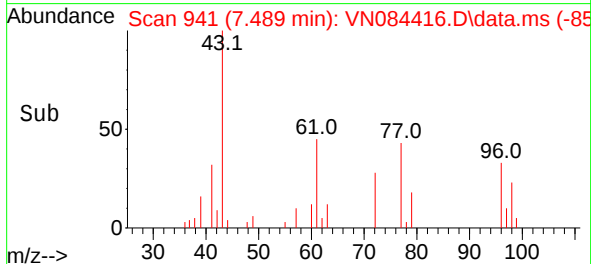
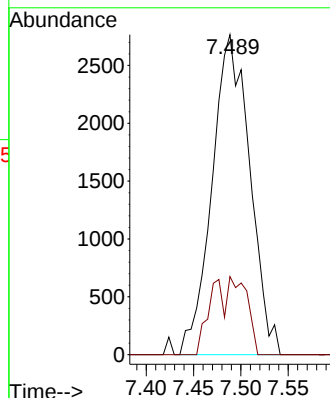
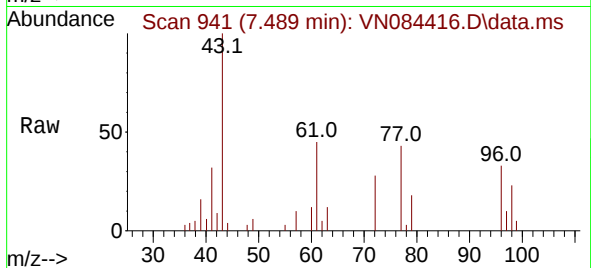




#31
2,2-Dichloropropane
Concen: 2.575 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

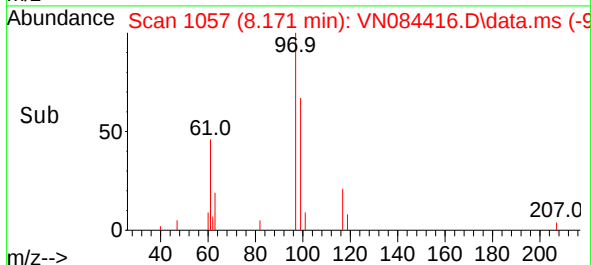
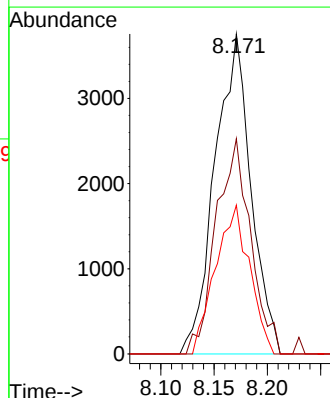
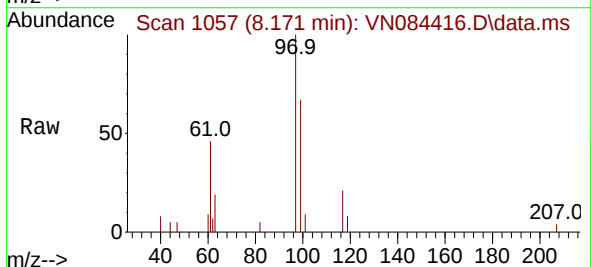
Instrument :
MSVOA_N
ClientSampleId :

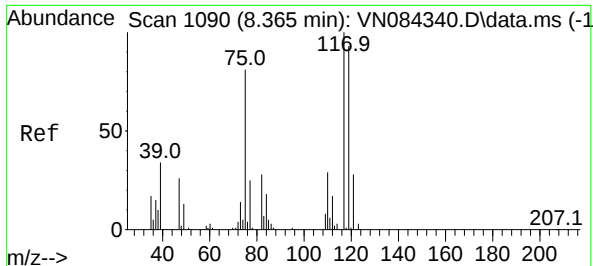
Tgt Ion: 77 Resp: 7681
Ion Ratio Lower Upper
77 100
97 2.8 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 2.718 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 97 Resp: 8820
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 44.2 34.1 51.1





#33

Carbon Tetrachloride

Concen: 1.747 ug/l

RT: 8.359 min Scan# 1109

Delta R.T. -0.006 min

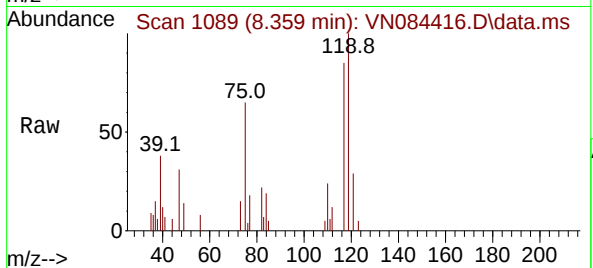
Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :



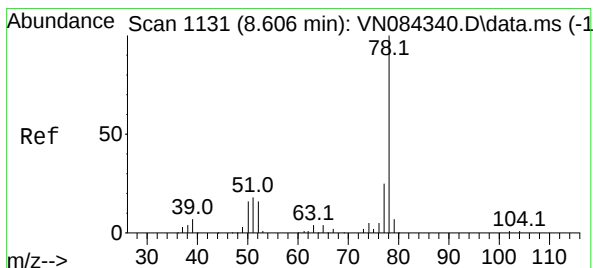
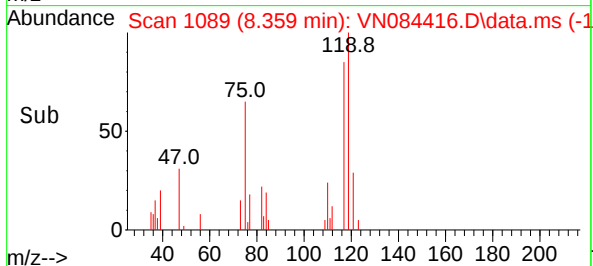
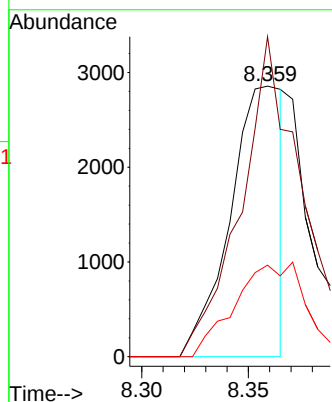
Tgt Ion:117 Resp: 4912

Ion Ratio Lower Upper

117 100

119 118.2 74.3 111.5#

121 33.8 22.4 33.6#



#34

Benzene

Concen: 2.475 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

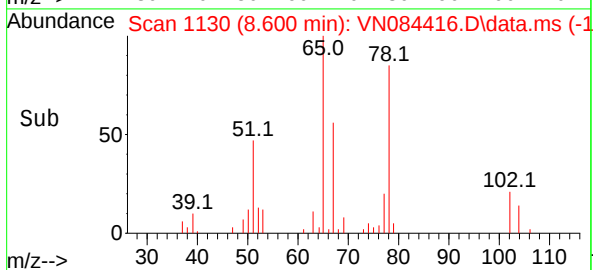
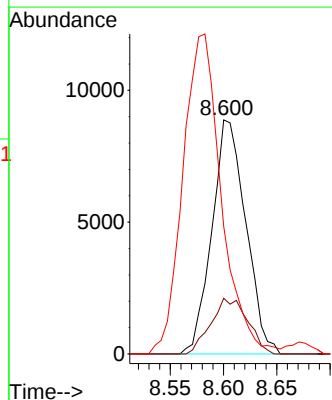
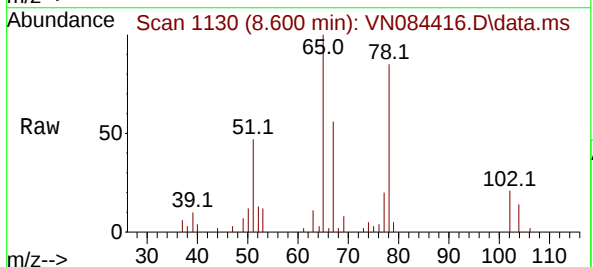
Tgt Ion: 78 Resp: 19672

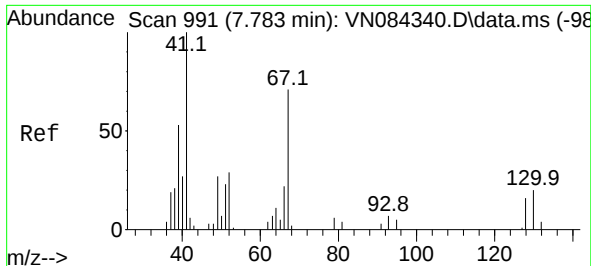
Ion Ratio Lower Upper

78 100

77 23.8 19.6 29.4

51 52.3 15.8 23.6#





#35

Methacrylonitrile

Concen: 2.712 ug/l

RT: 7.783 min Scan# 991

Delta R.T. 0.000 min

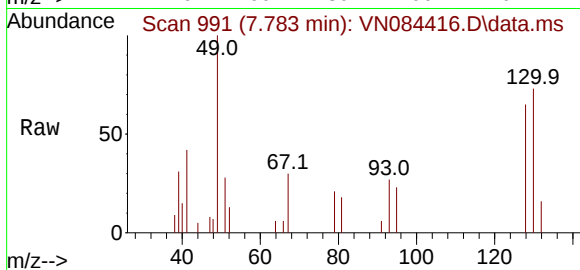
Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 3910

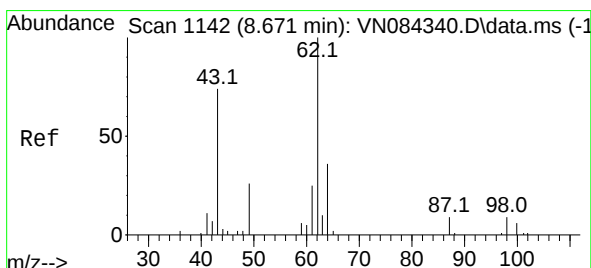
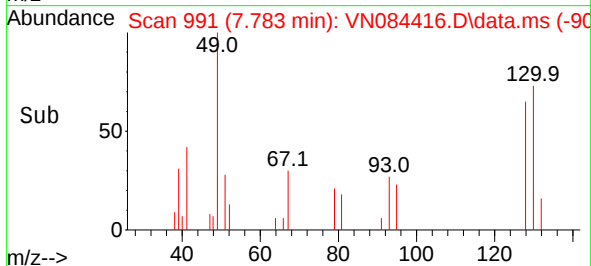
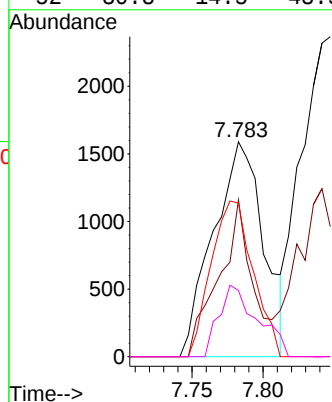
Ion Ratio Lower Upper

41 100

39 73.0 26.4 79.0

67 71.4 35.7 107.1

52 30.8 14.5 43.5



#36

1,2-Dichloroethane

Concen: 2.597 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN084416.D

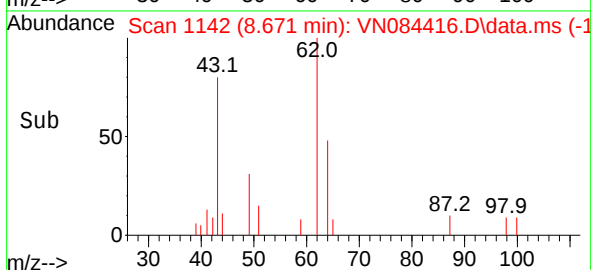
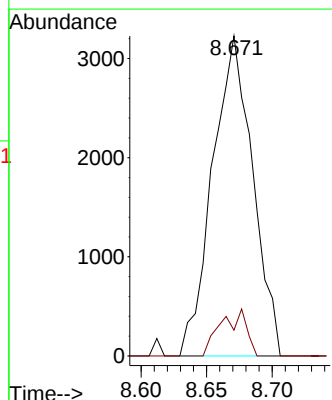
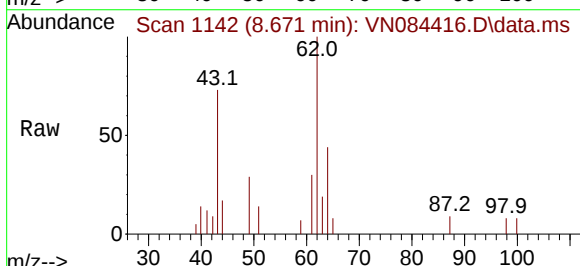
Acq: 15 Oct 2024 15:27

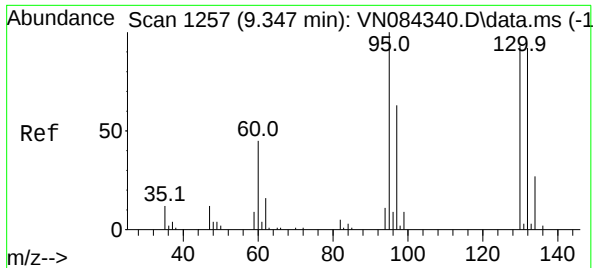
Tgt Ion: 62 Resp: 6879

Ion Ratio Lower Upper

62 100

98 3.4 7.3 10.9#

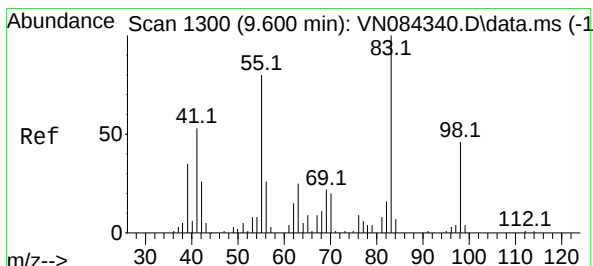
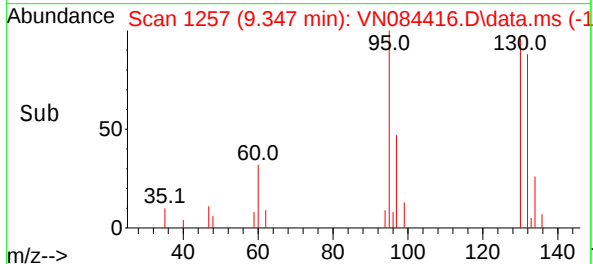
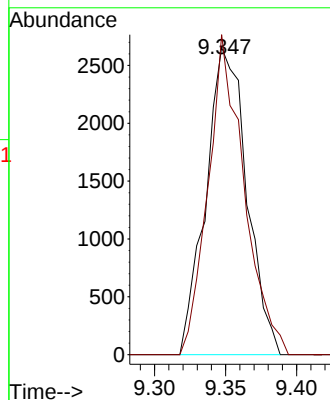
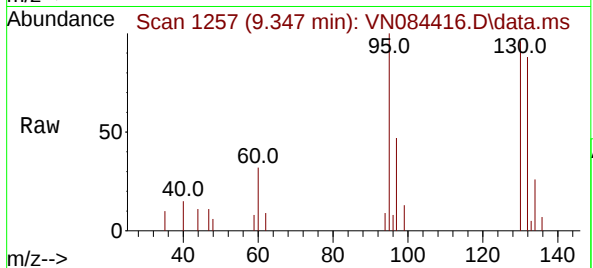




#37
Trichloroethene
Concen: 2.904 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

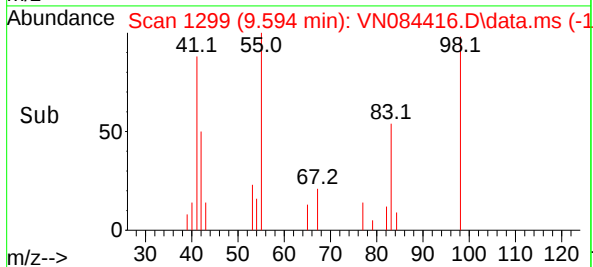
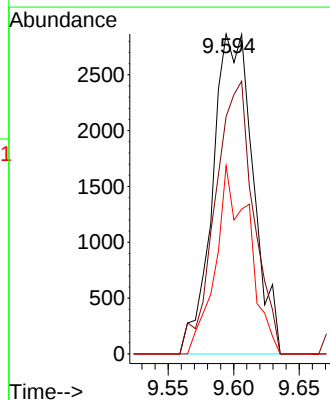
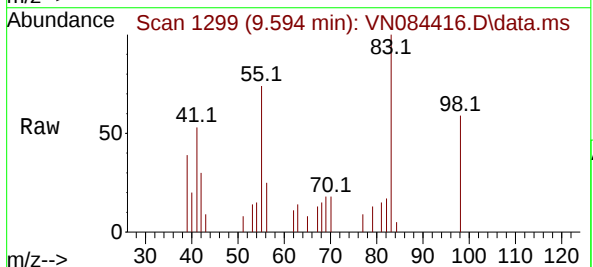
Instrument :
MSVOA_N
ClientSampleId :

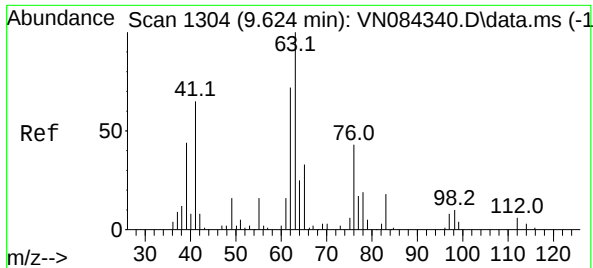
Tgt Ion:130 Resp: 5314
Ion Ratio Lower Upper
130 100
95 104.2 85.8 128.6



#38
Methylcyclohexane
Concen: 2.207 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 83 Resp: 6155
Ion Ratio Lower Upper
83 100
55 0.0 39.3 117.8#
98 28.1 24.0 72.0

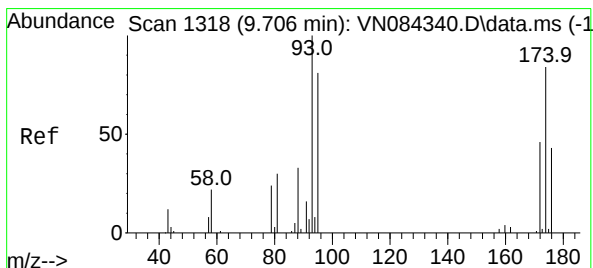
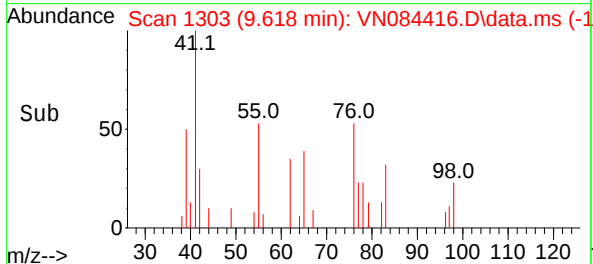
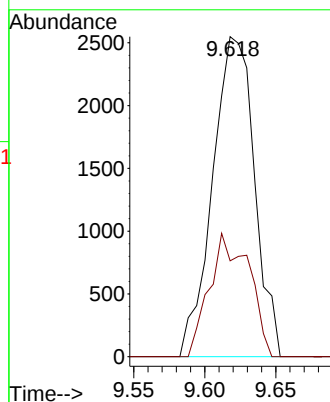
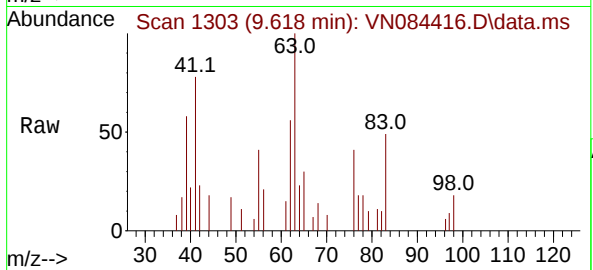




#39
1,2-Dichloropropane
Concen: 2.701 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

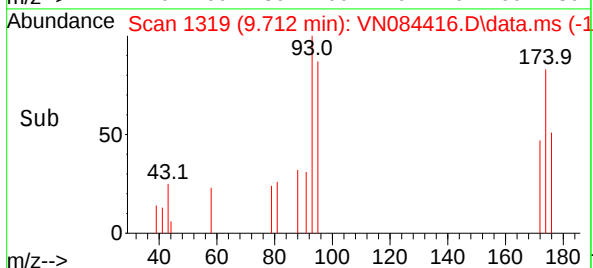
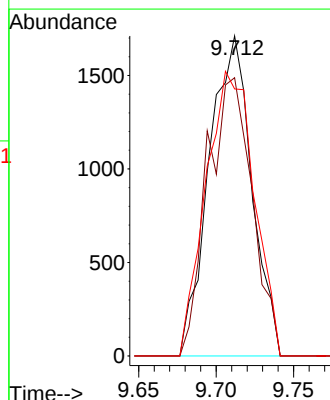
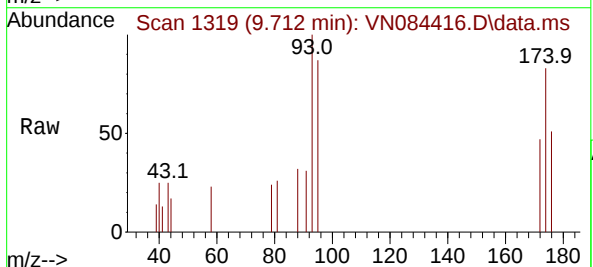
Instrument :
MSVOA_N
ClientSampleId :

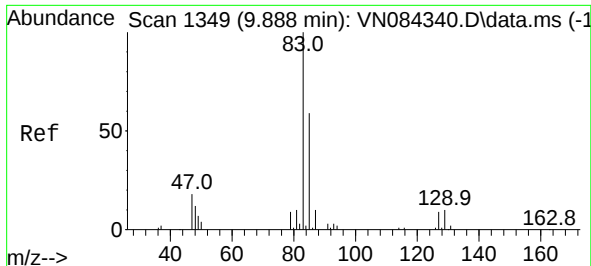
Tgt Ion: 63 Resp: 5234
Ion Ratio Lower Upper
63 100
65 30.0 26.3 39.5



#40
Dibromomethane
Concen: 2.423 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 93 Resp: 3282
Ion Ratio Lower Upper
93 100
95 91.5 0.0 171.4
174 100.2 0.0 183.0

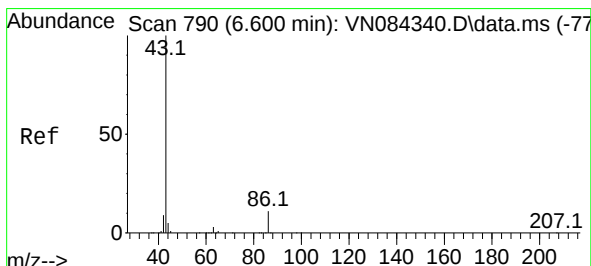
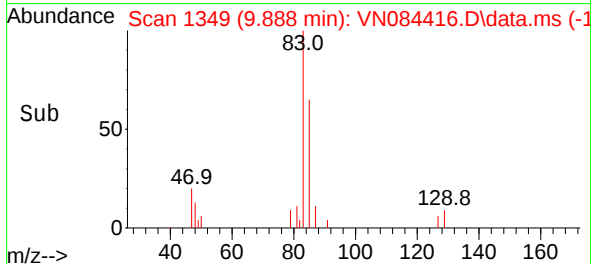
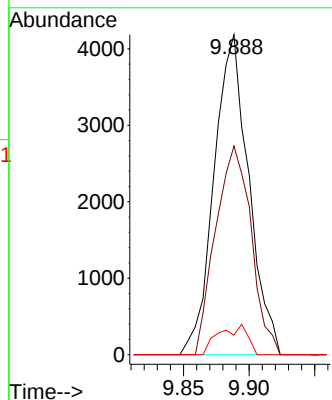
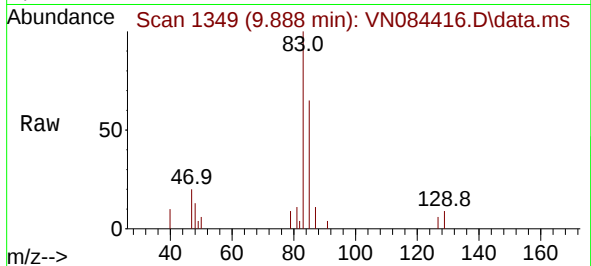




#41
Bromodichloromethane
Concen: 2.675 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

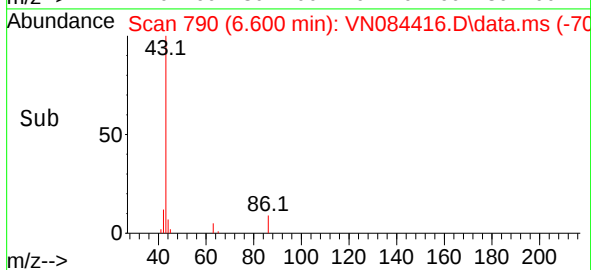
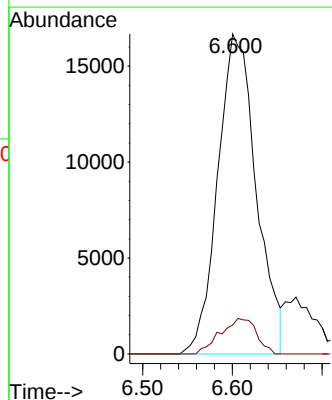
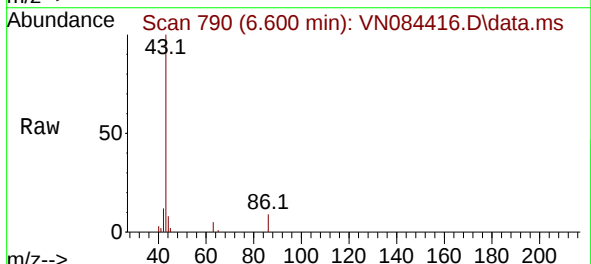
Instrument :
MSVOA_N
ClientSampleId :

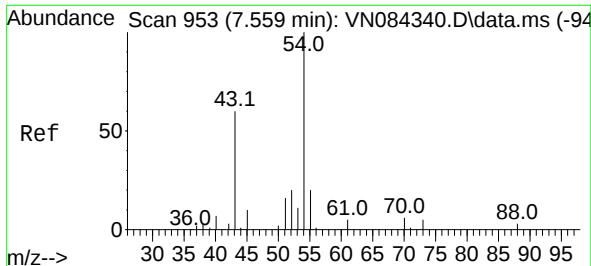
Tgt Ion: 83 Resp: 7691
Ion Ratio Lower Upper
83 100
85 65.2 47.1 70.7
127 6.1 7.1 10.7#



#42
Vinyl Acetate
Concen: 10.573 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 43 Resp: 49703
Ion Ratio Lower Upper
43 100
86 10.4 8.5 12.7





#43

Ethyl Acetate

Concen: 2.560 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

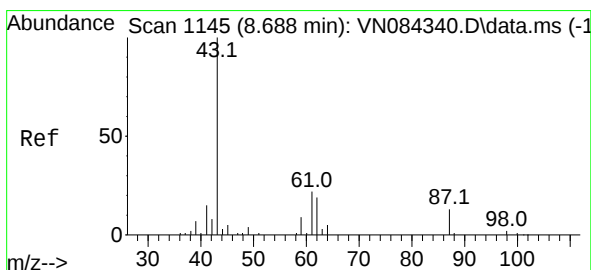
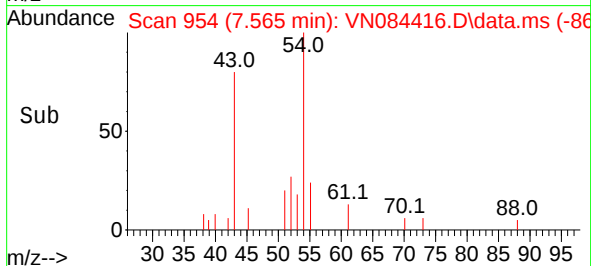
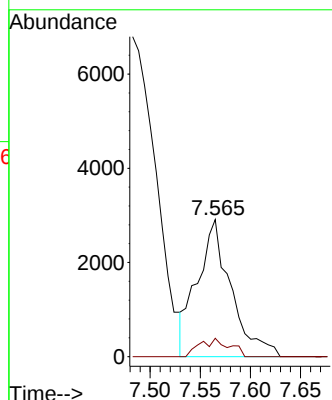
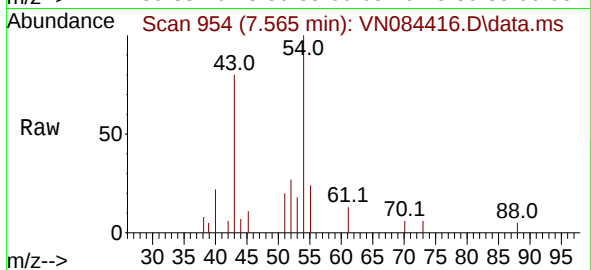
ClientSampleId :

Tgt Ion: 43 Resp: 6824

Ion Ratio Lower Upper

43 100

45 4.3 10.6 16.0#



#44

Isopropyl Acetate

Concen: 2.382 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084416.D

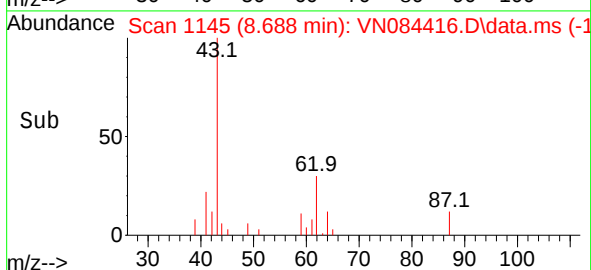
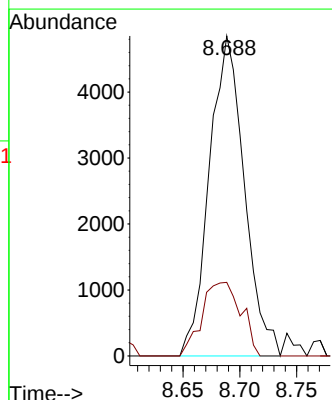
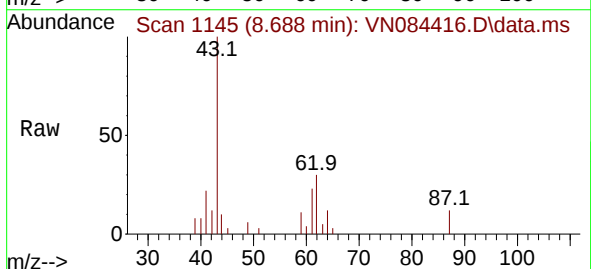
Acq: 15 Oct 2024 15:27

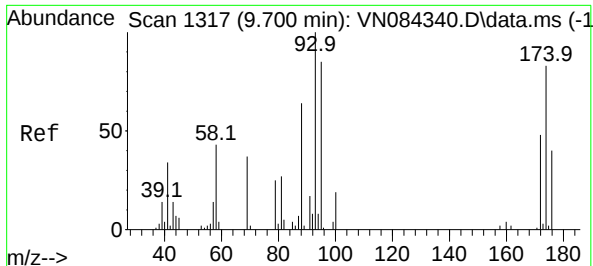
Tgt Ion: 43 Resp: 10393

Ion Ratio Lower Upper

43 100

61 25.7 21.4 32.2





#45

1,4-Dioxane

Concen: 47.214 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

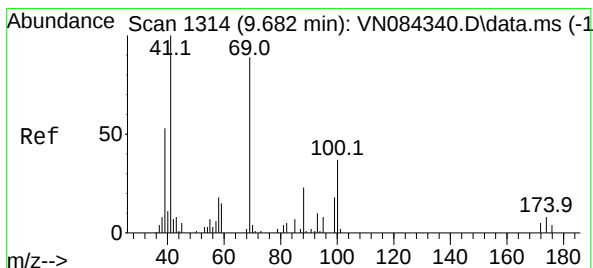
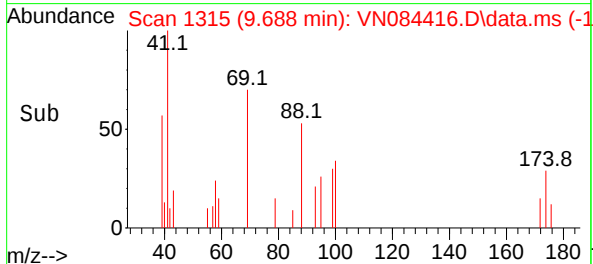
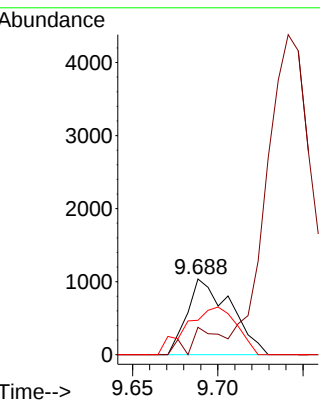
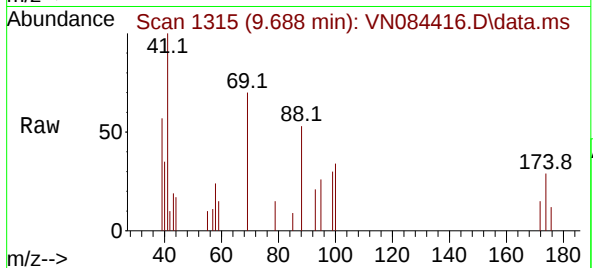
Tgt Ion: 88 Resp: 1857

Ion Ratio Lower Upper

88 100

43 22.1 22.4 33.6#

58 72.3 59.7 89.5



#46

Methyl methacrylate

Concen: 1.016 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

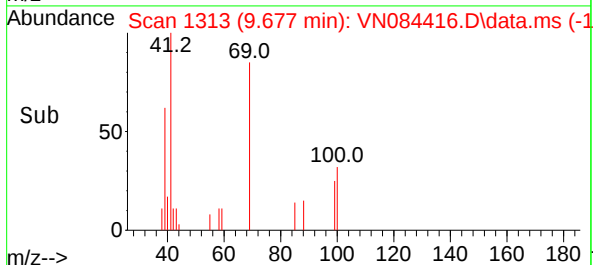
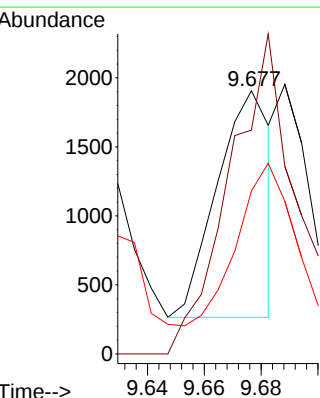
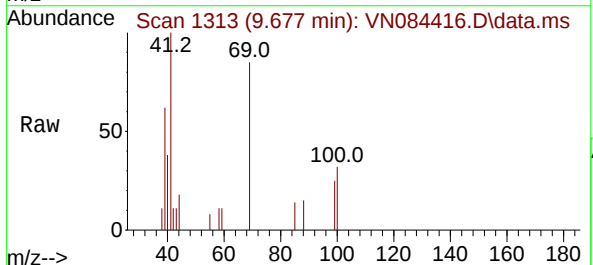
Tgt Ion: 41 Resp: 2141

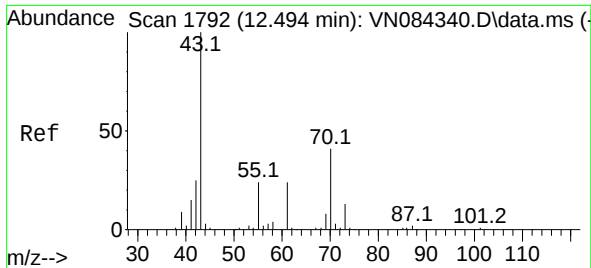
Ion Ratio Lower Upper

41 100

69 98.7 42.6 128.0

39 58.8 27.5 82.4





#47

n-amyl Acetate

Concen: 1.857 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

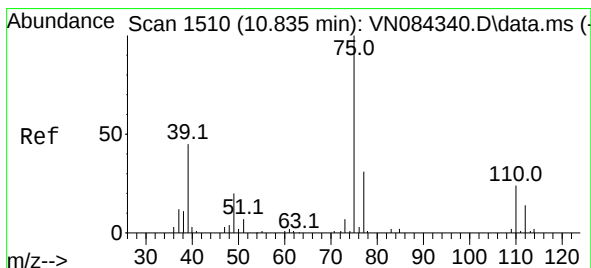
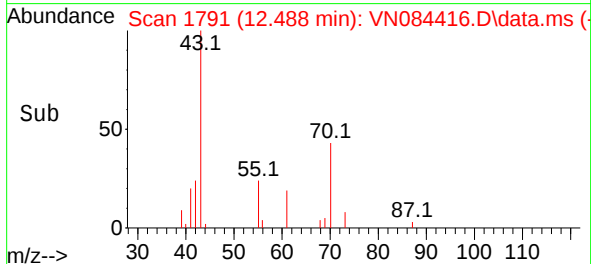
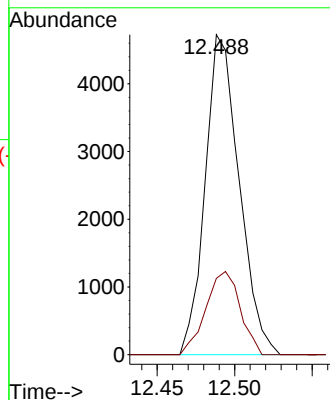
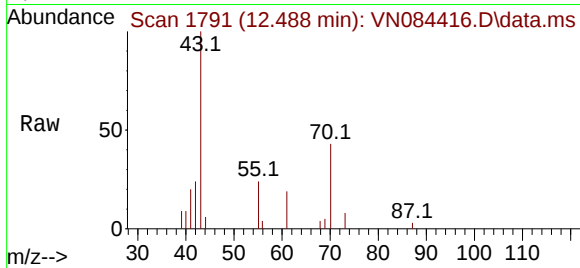
ClientSampleId :

Tgt Ion: 43 Resp: 7207

Ion Ratio Lower Upper

43 100

55 26.3 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 2.312 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VN084416.D

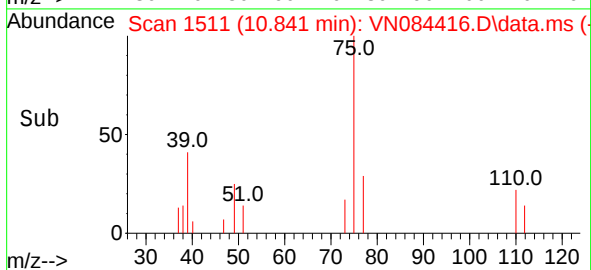
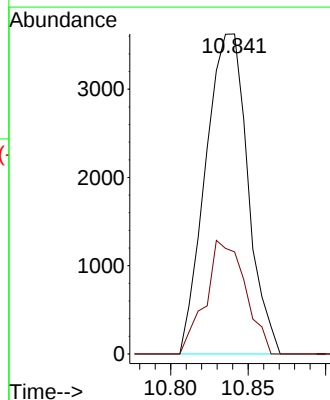
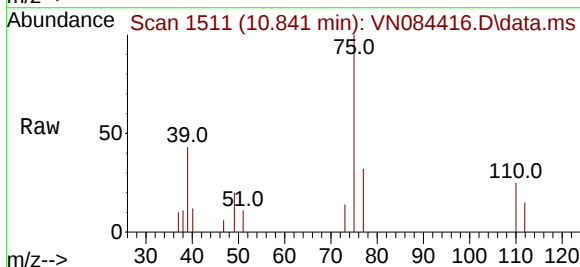
Acq: 15 Oct 2024 15:27

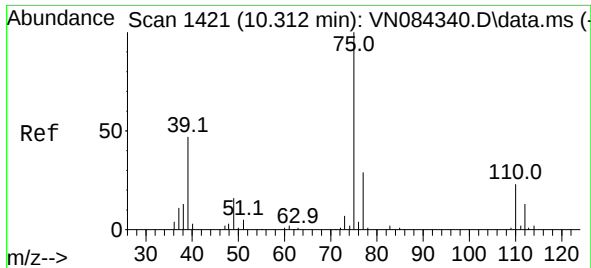
Tgt Ion: 75 Resp: 6868

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 2.319 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

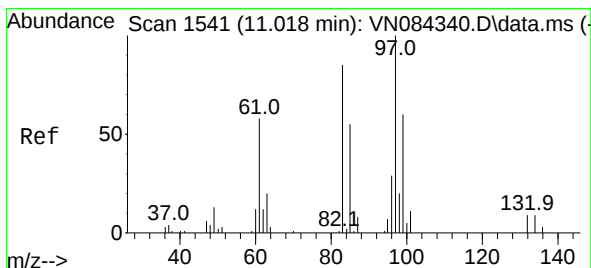
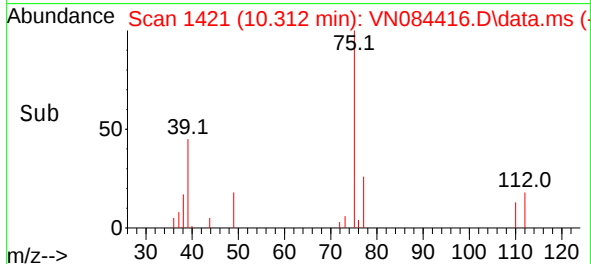
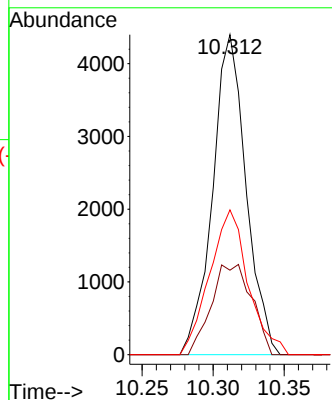
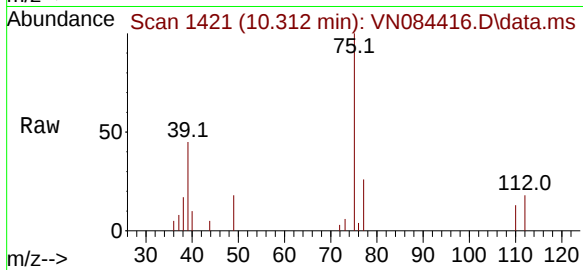
Tgt Ion: 75 Resp: 7220

Ion Ratio Lower Upper

75 100

77 26.4 22.9 34.3

39 45.3 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 2.646 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion: 97 Resp: 4816

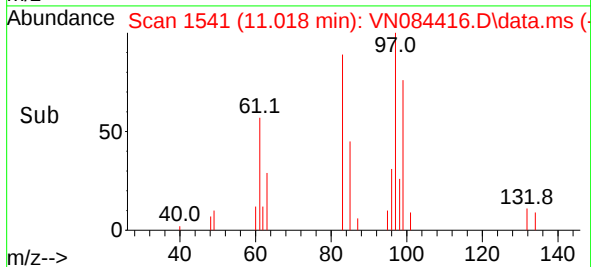
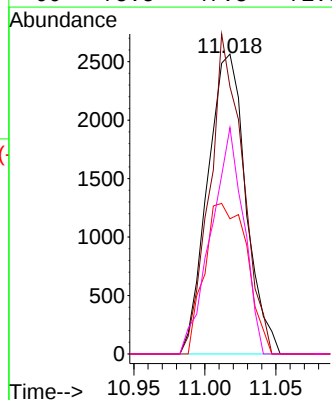
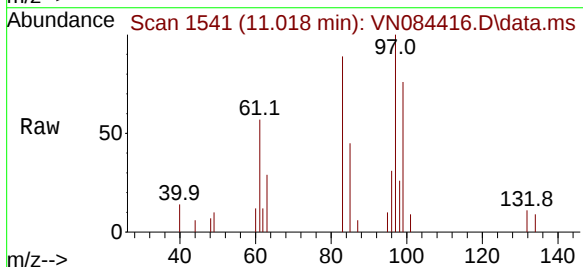
Ion Ratio Lower Upper

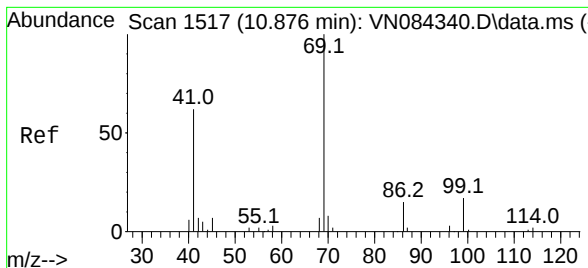
97 100

83 89.1 67.8 101.8

85 45.1 44.2 66.2

99 75.5 47.8 71.8#





#51

Ethyl methacrylate

Concen: 1.919 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

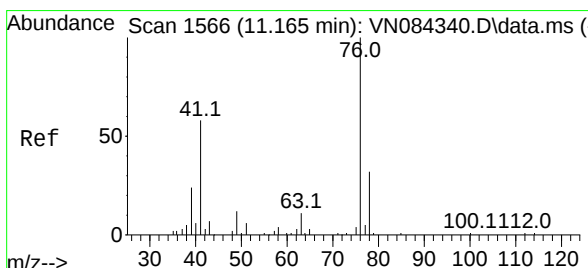
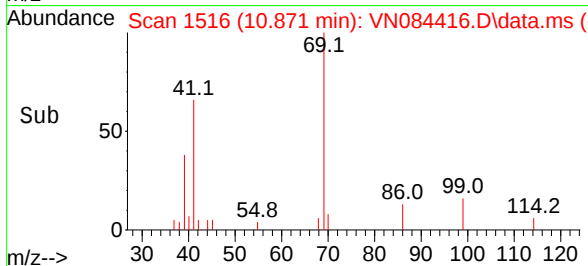
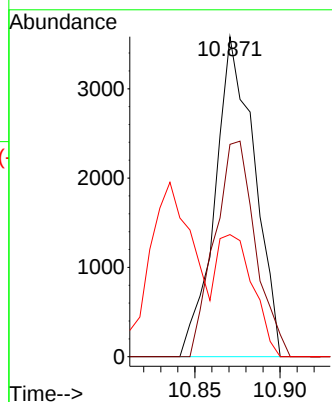
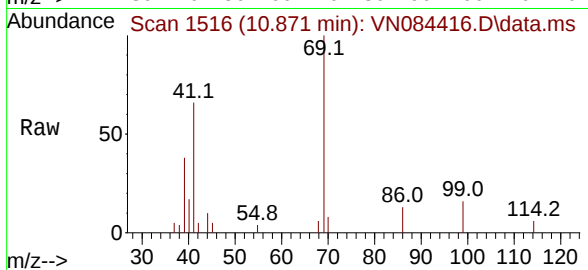
Tgt Ion: 69 Resp: 5769

Ion Ratio Lower Upper

69 100

41 66.4 30.9 92.7

39 38.2 16.6 49.7



#52

1,3-Dichloropropane

Concen: 2.528 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN084416.D

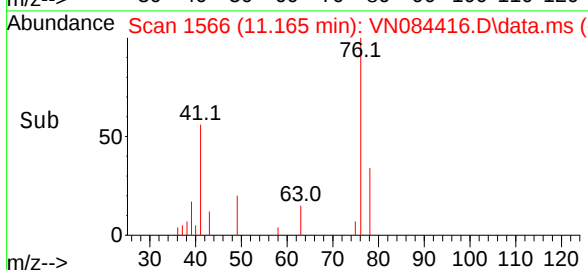
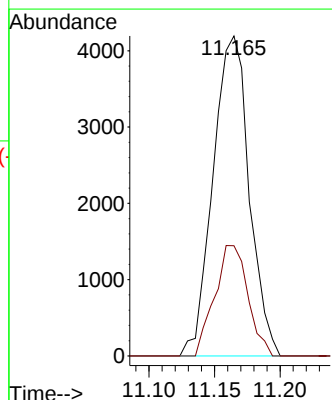
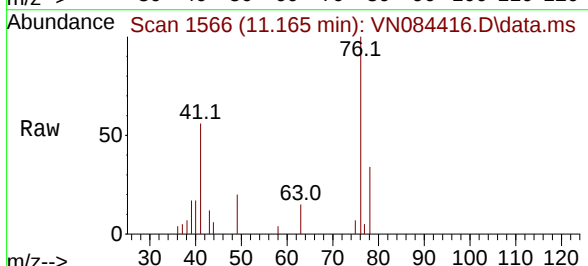
Acq: 15 Oct 2024 15:27

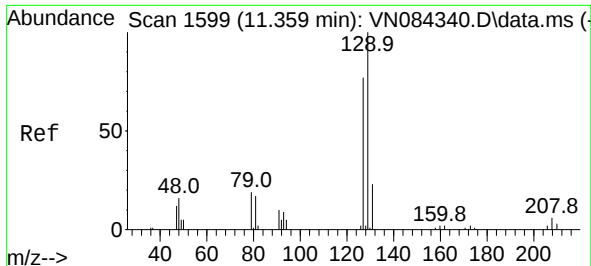
Tgt Ion: 76 Resp: 8047

Ion Ratio Lower Upper

76 100

78 31.7 0.0 64.2





#53

Dibromochloromethane

Concen: 2.442 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

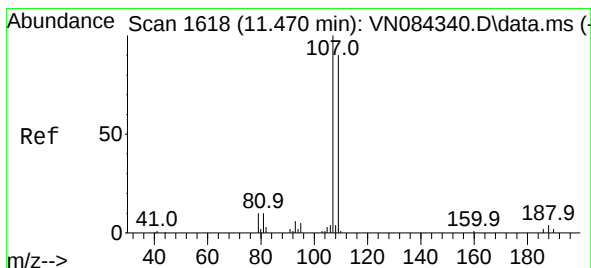
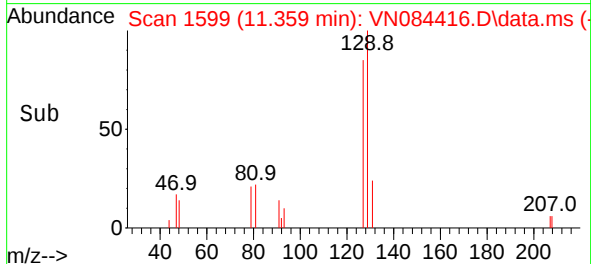
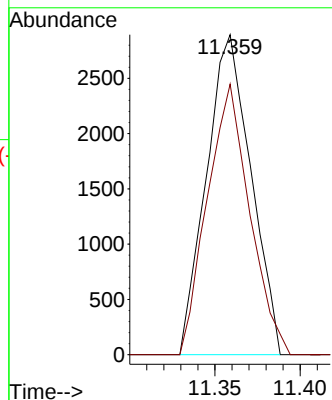
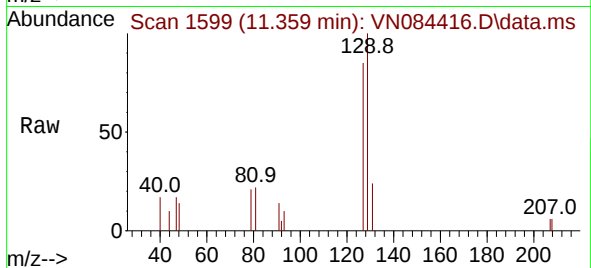
ClientSampleId :

Tgt Ion:129 Resp: 5252

Ion Ratio Lower Upper

129 100

127 80.6 38.5 115.5



#54

1,2-Dibromoethane

Concen: 2.420 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VN084416.D

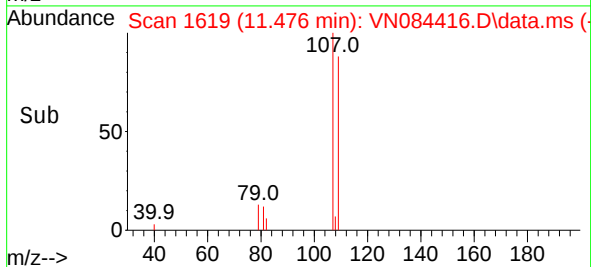
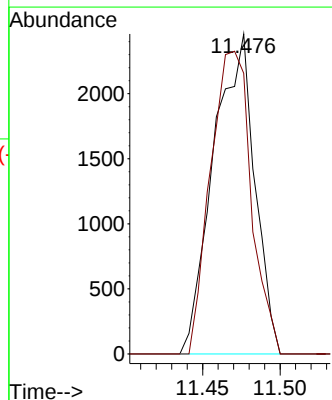
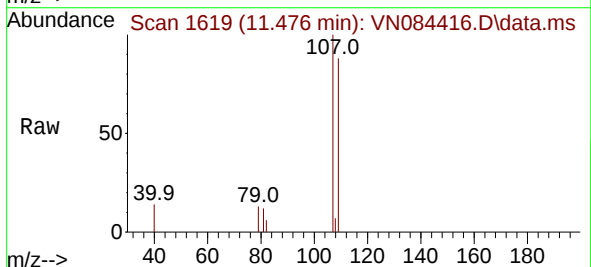
Acq: 15 Oct 2024 15:27

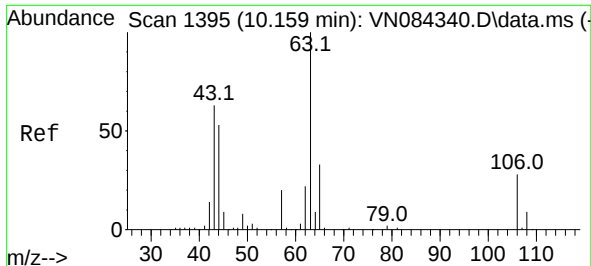
Tgt Ion:107 Resp: 4534

Ion Ratio Lower Upper

107 100

109 93.7 73.8 110.6





#55

2-Chloroethyl vinyl ether

Concen: 10.480 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

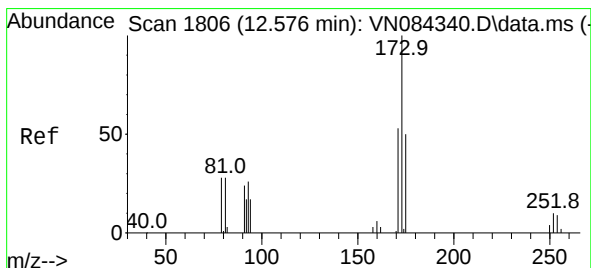
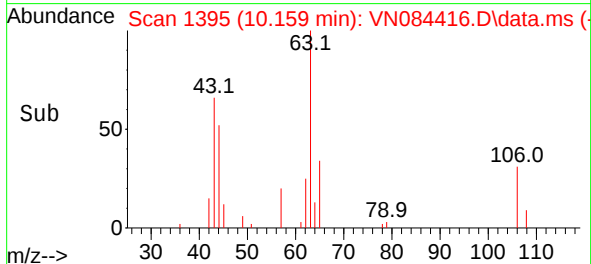
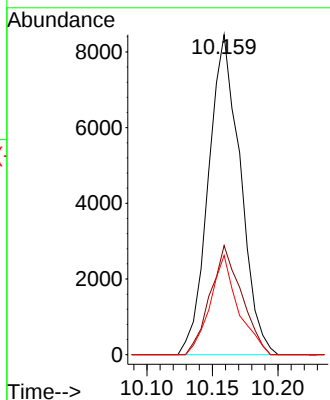
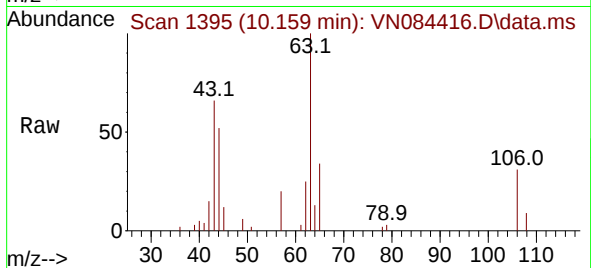
Tgt Ion: 63 Resp: 14293

Ion Ratio Lower Upper

63 100

65 33.4 25.6 38.4

106 27.3 21.6 32.4



#56

Bromoform

Concen: 2.492 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

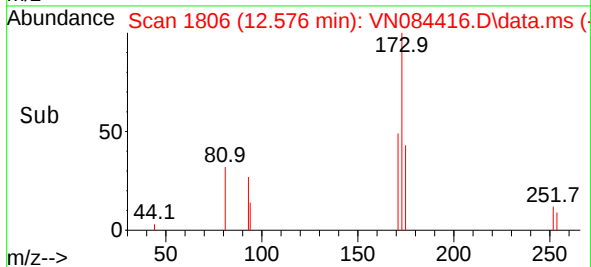
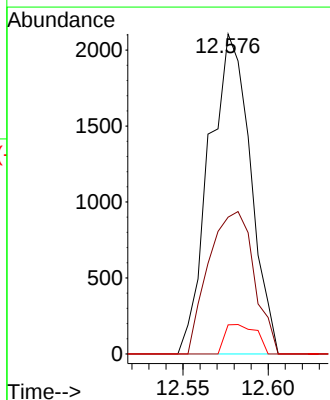
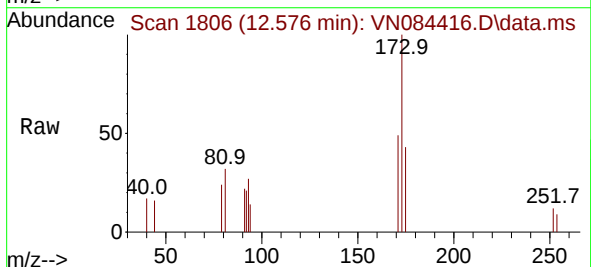
Tgt Ion:173 Resp: 3554

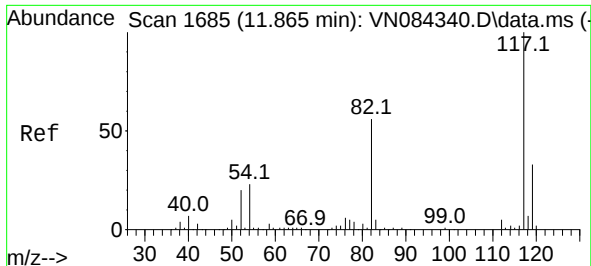
Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.2

254 7.0 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

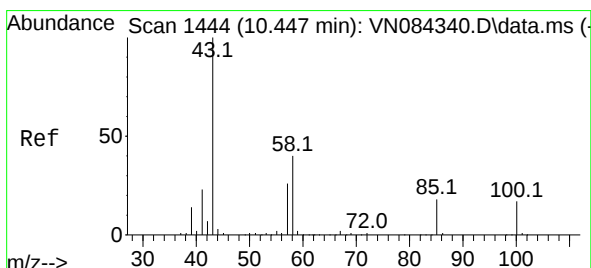
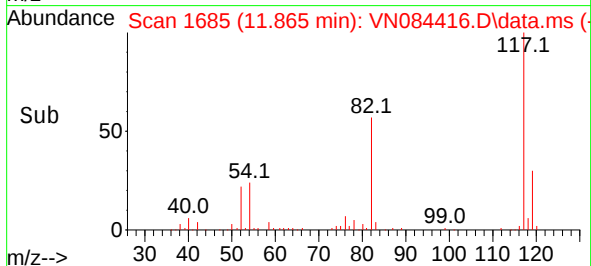
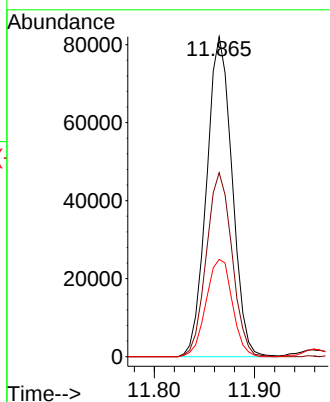
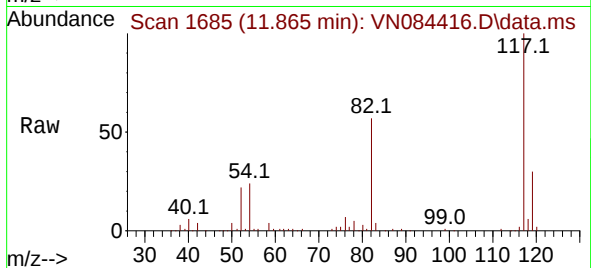
Tgt Ion:117 Resp: 145162

Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.4

119 31.3 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 10.802 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

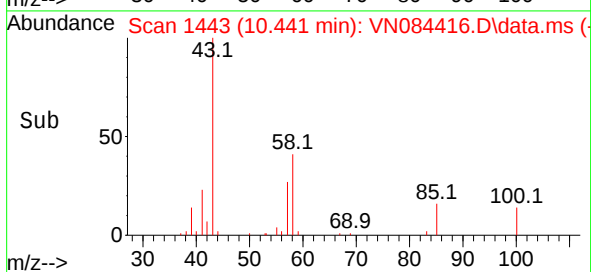
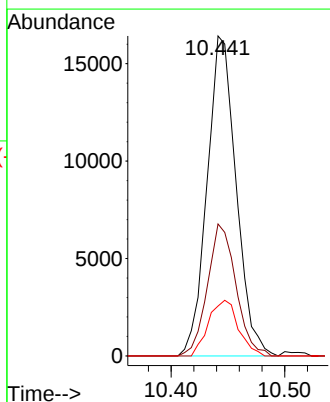
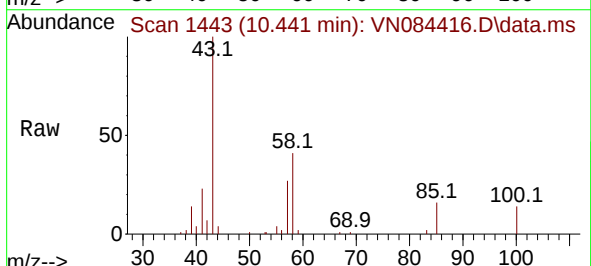
Tgt Ion: 43 Resp: 29210

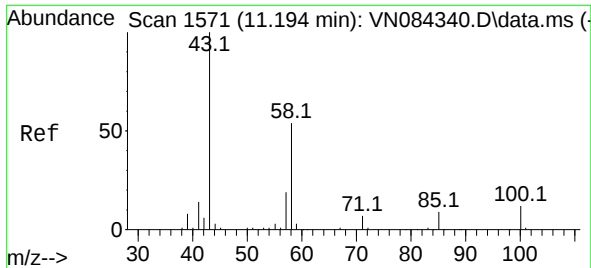
Ion Ratio Lower Upper

43 100

58 40.4 31.9 47.9

85 17.9 14.6 22.0

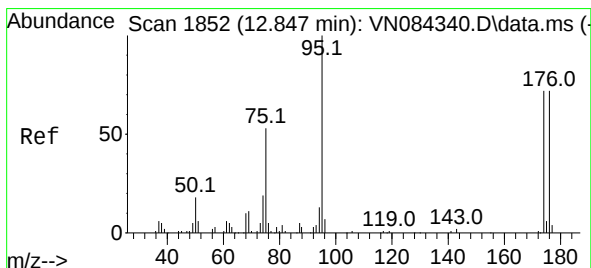
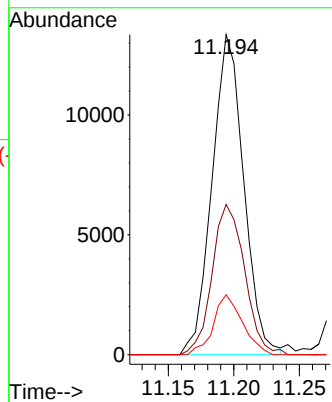
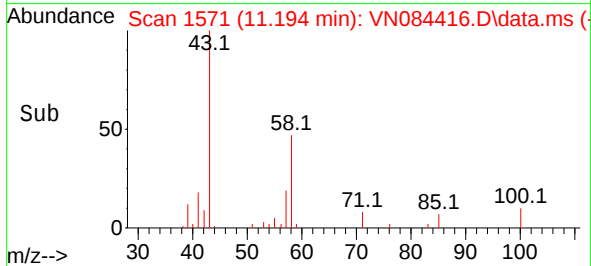
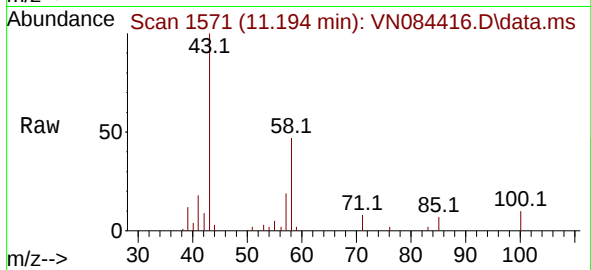




#59
2-Hexanone
Concen: 11.157 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

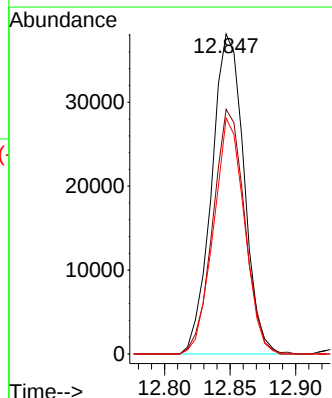
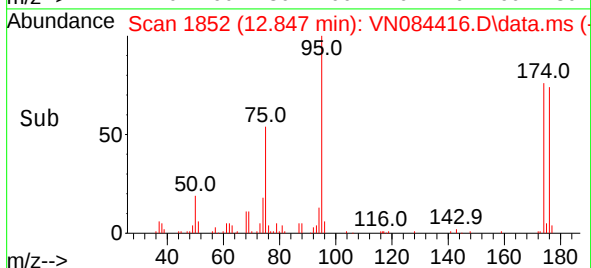
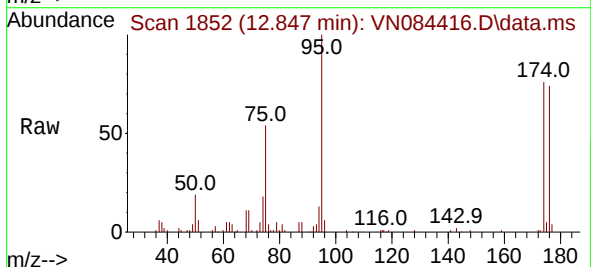
Instrument :
MSVOA_N
ClientSampleId :

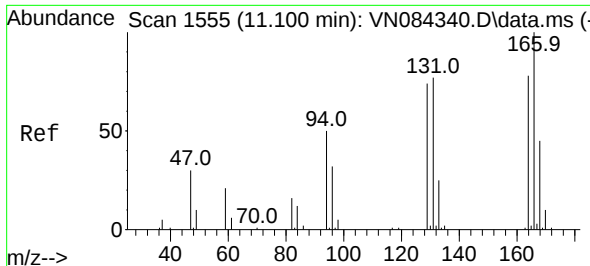
Tgt Ion: 43 Resp: 22419
Ion Ratio Lower Upper
43 100
58 48.2 44.0 66.0
57 17.2 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 27.210 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

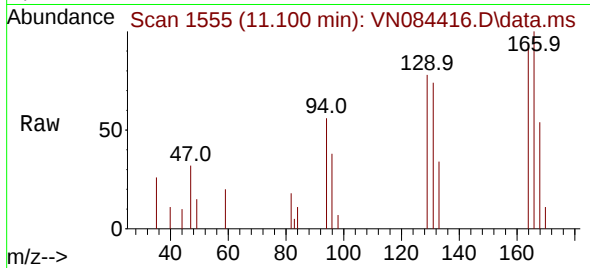
Tgt Ion: 95 Resp: 65188
Ion Ratio Lower Upper
95 100
174 75.6 58.2 87.2
176 70.6 56.4 84.6



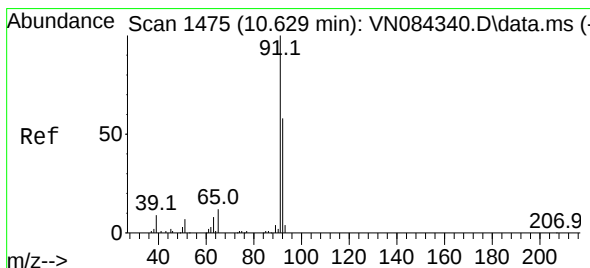
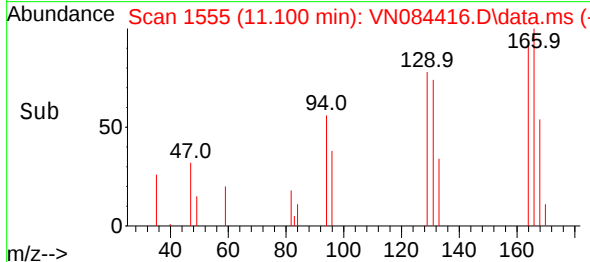
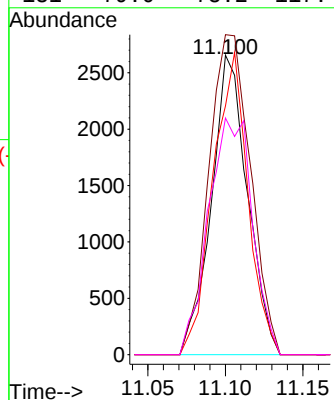


#61
Tetrachloroethene
Concen: 2.616 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Instrument :
MSVOA_N
ClientSampleId :

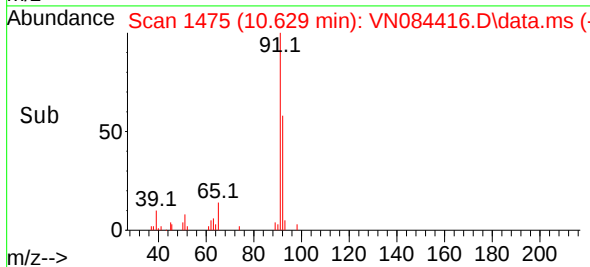
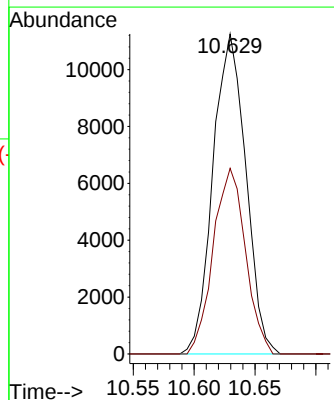
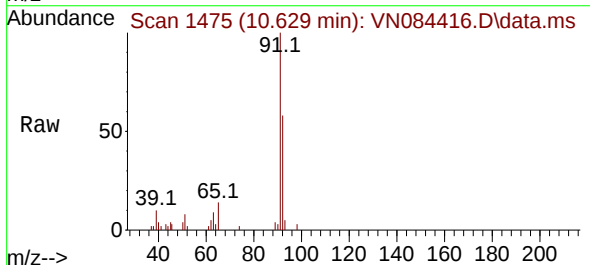


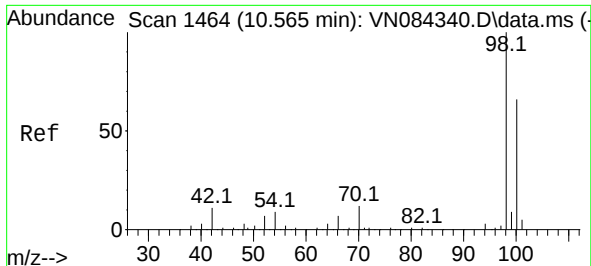
Tgt Ion:164 Resp: 4296
Ion Ratio Lower Upper
164 100
166 106.9 102.5 153.7
129 83.1 75.7 113.5
131 79.0 78.2 117.4



#62
Toluene
Concen: 2.483 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 91 Resp: 21098
Ion Ratio Lower Upper
91 100
92 57.0 47.2 70.8





#63

Toluene-d8

Concen: 30.378 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

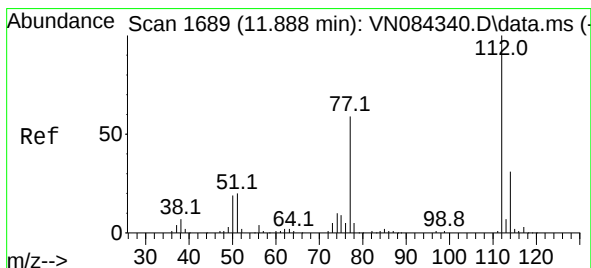
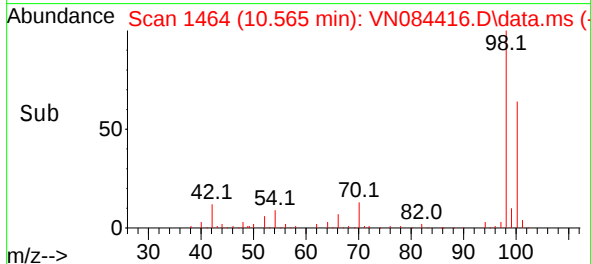
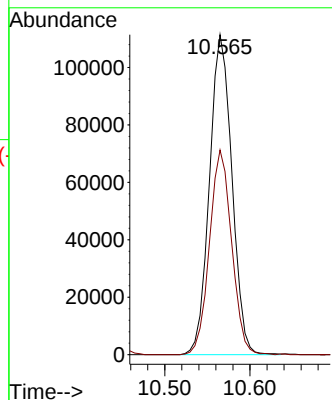
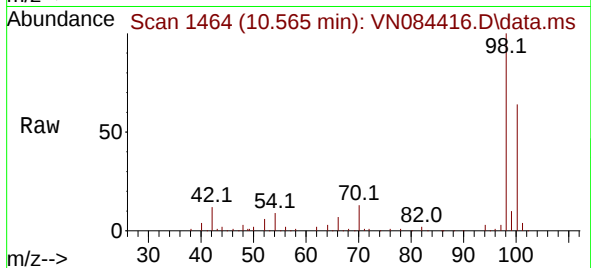
ClientSampleId :

Tgt Ion: 98 Resp: 204288

Ion Ratio Lower Upper

98 100

100 63.1 52.5 78.7



#64

Chlorobenzene

Concen: 2.548 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084416.D

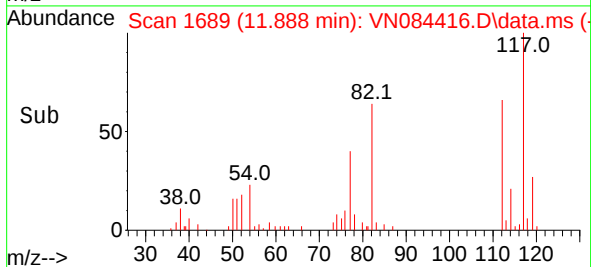
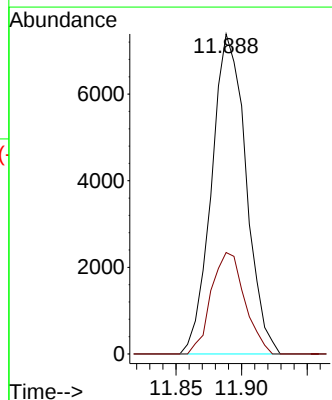
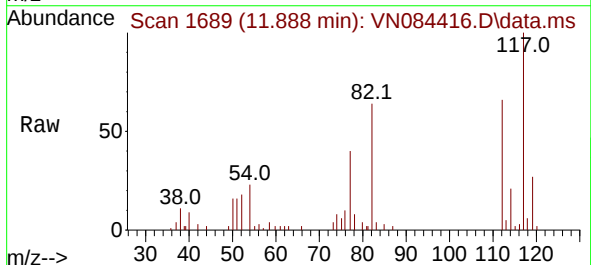
Acq: 15 Oct 2024 15:27

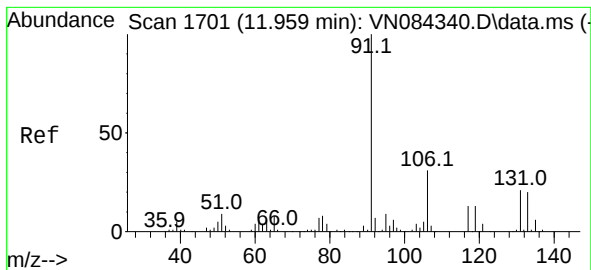
Tgt Ion: 112 Resp: 13476

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7

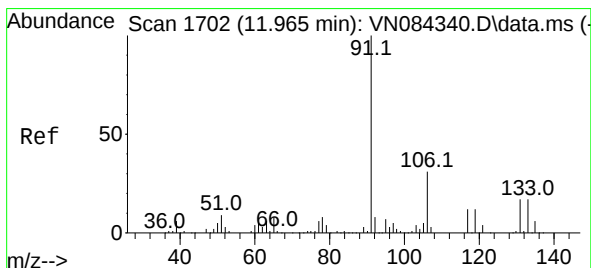
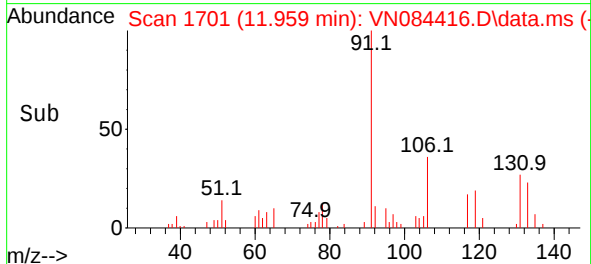
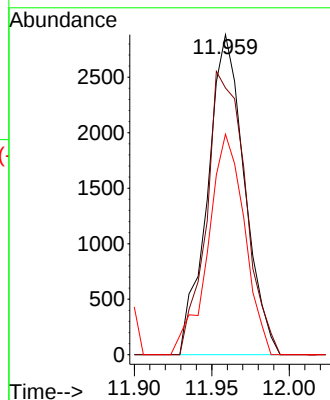
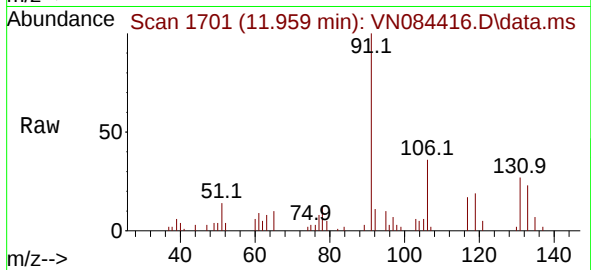




#65
 1,1,1,2-Tetrachloroethane
 Concen: 2.608 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

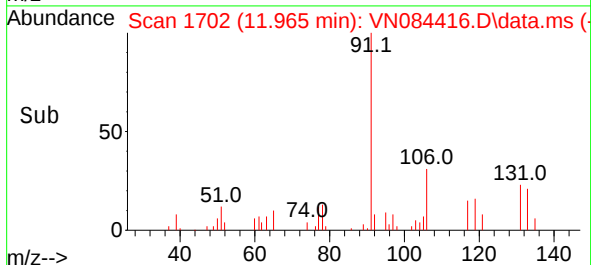
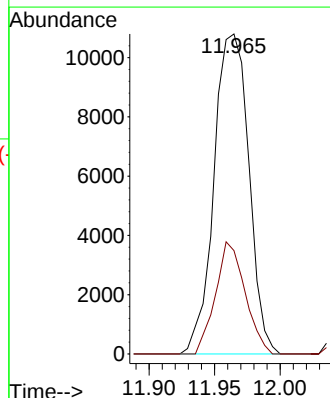
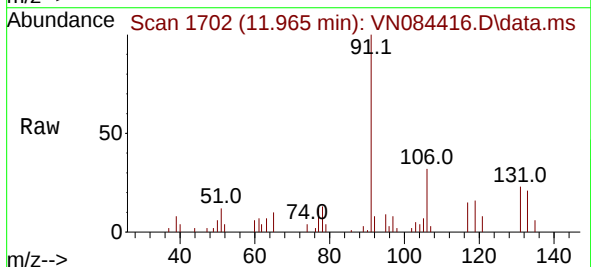
Instrument :
 MSVOA_N
 ClientSampleId :

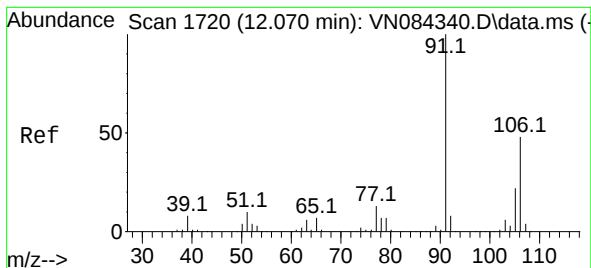
Tgt Ion:131 Resp: 4791
 Ion Ratio Lower Upper
 131 100
 133 93.1 0.0 190.4
 119 67.7 0.0 130.0



#66
 Ethyl Benzene
 Concen: 2.162 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

Tgt Ion: 91 Resp: 19958
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.2 37.8

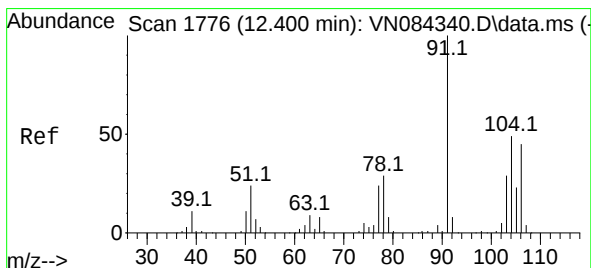
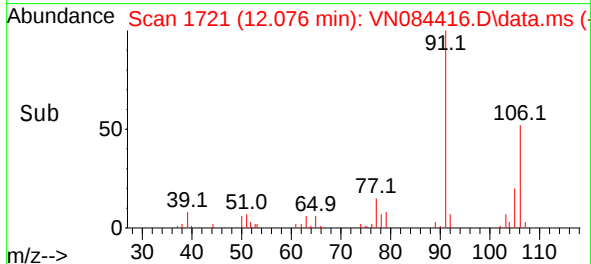
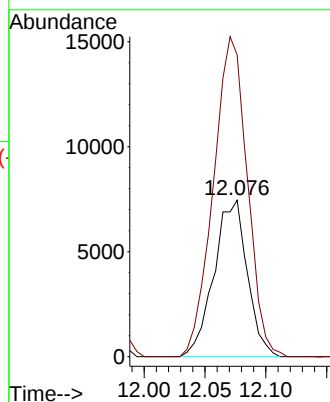
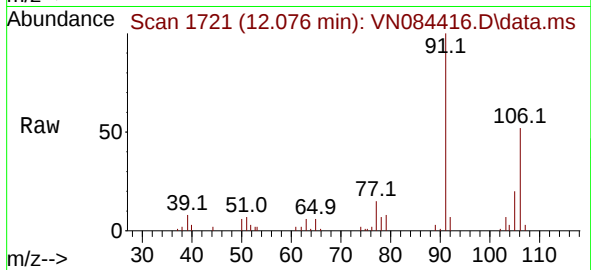




#67
m/p-Xylenes
Concen: 4.048 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

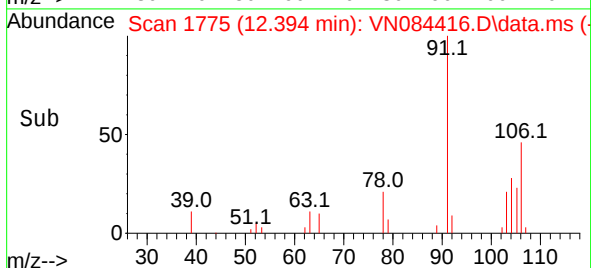
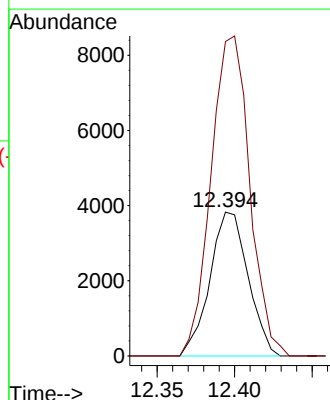
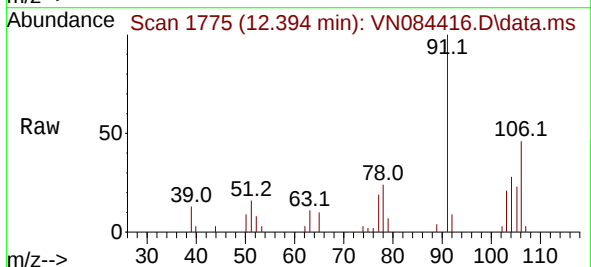
Instrument :
MSVOA_N
ClientSampleId :

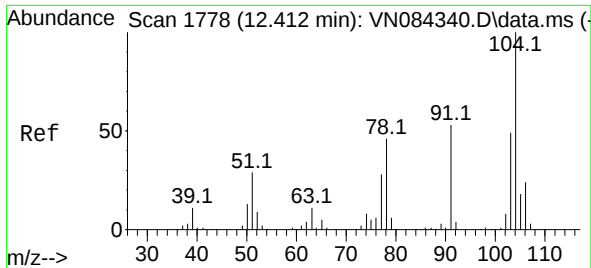
Tgt Ion:106 Resp: 14178
Ion Ratio Lower Upper
106 100
91 208.6 166.7 250.1



#68
o-Xylene
Concen: 1.945 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion:106 Resp: 6568
Ion Ratio Lower Upper
106 100
91 225.0 110.9 332.9





#69

Styrene

Concen: 1.799 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084416.D

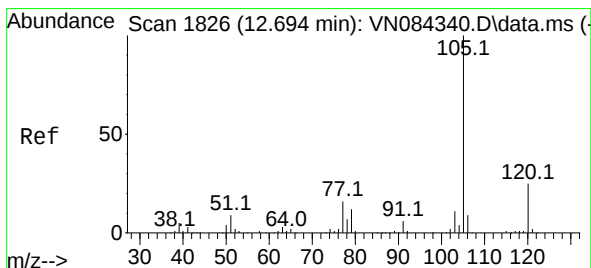
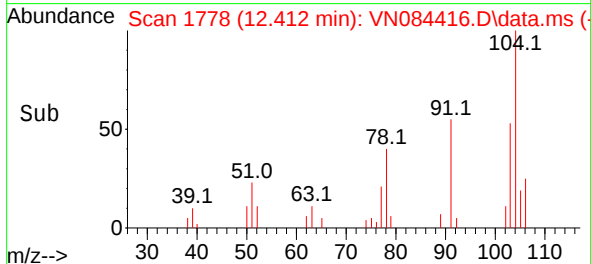
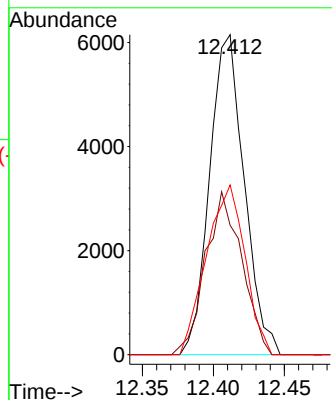
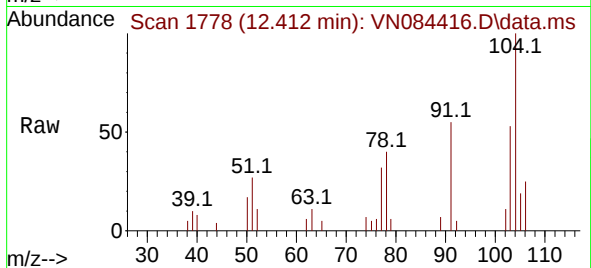
Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	10427
Ion Ratio	Lower	Upper
104	100	
78	53.3	41.6 62.4
103	59.1	44.4 66.6



#70

Isopropylbenzene

Concen: 1.919 ug/l

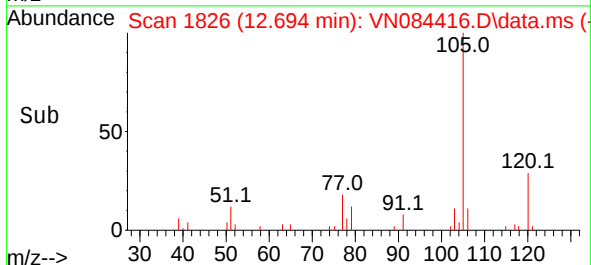
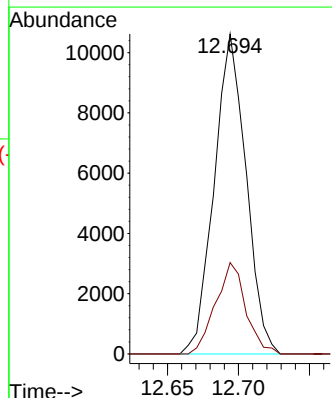
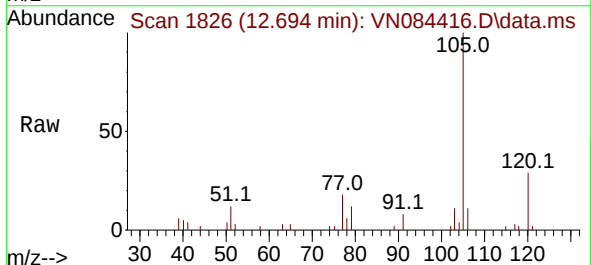
RT: 12.694 min Scan# 1826

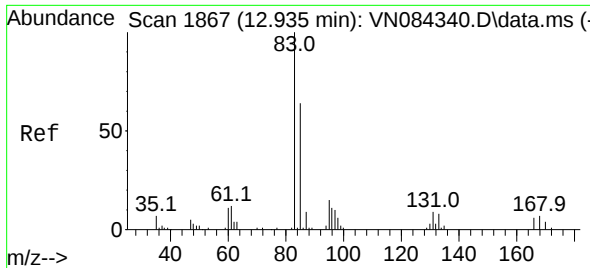
Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion:105	Resp:	16540
Ion Ratio	Lower	Upper
105	100	
120	27.0	17.4 32.4

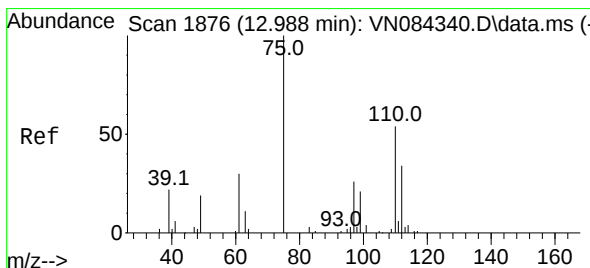
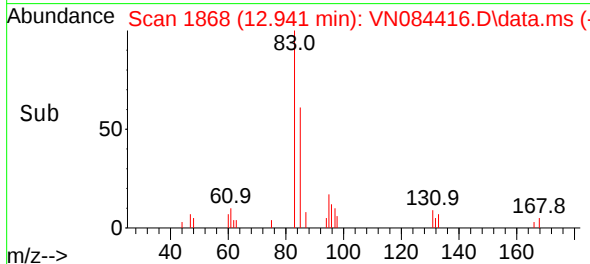
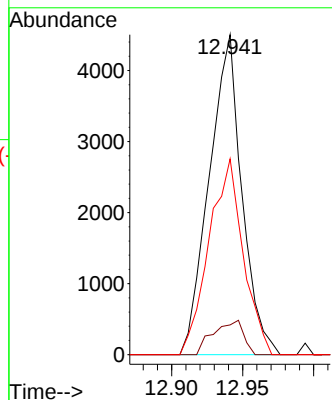
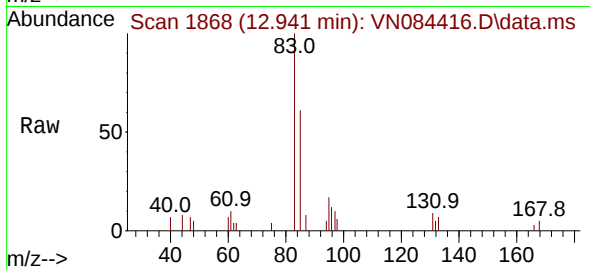




#71
1,1,2,2-Tetrachloroethane
Concen: 2.702 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

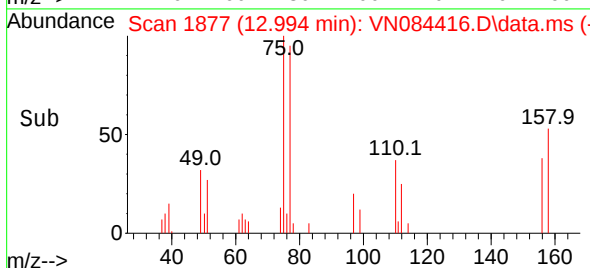
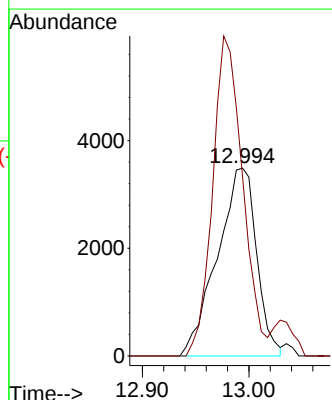
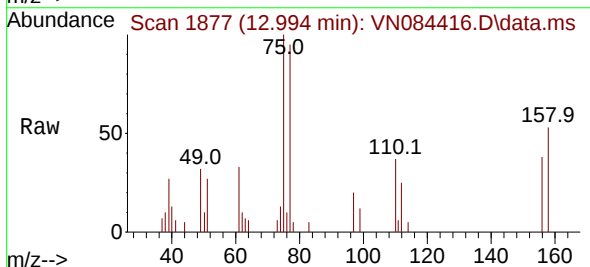
Instrument :
MSVOA_N
ClientSampleId :

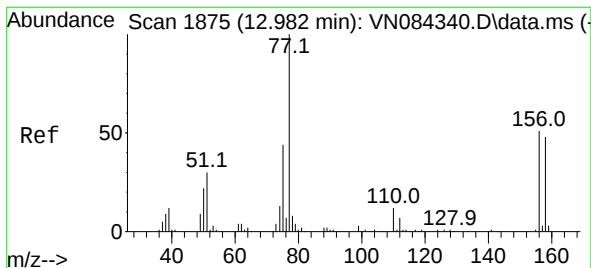
Tgt Ion: 83 Resp: 7204
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.1 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 3.915 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084416.D
Acq: 15 Oct 2024 15:27

Tgt Ion: 75 Resp: 8940
Ion Ratio Lower Upper
75 100
77 130.2 0.0 414.0





#73

Bromobenzene

Concen: 2.408 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084416.D

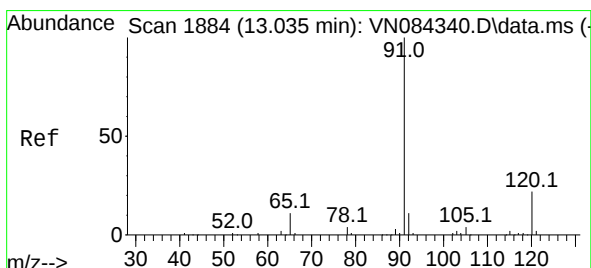
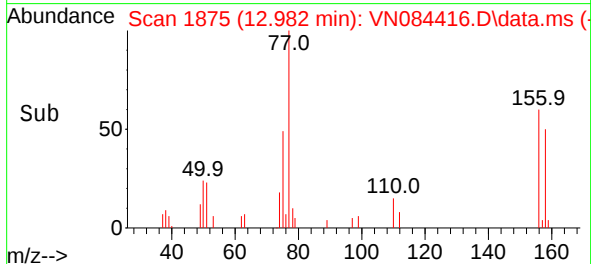
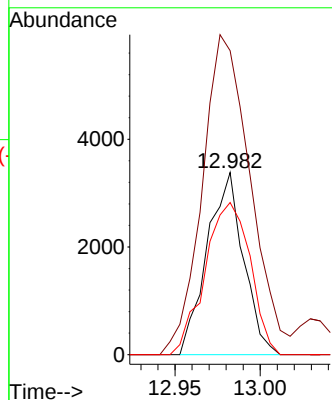
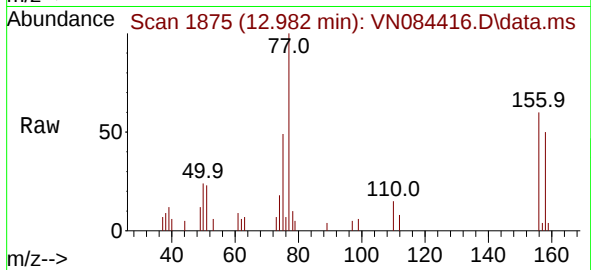
Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	5026
Ion Ratio	Lower	Upper	
156	100		
77	231.7	0.0	451.0
158	103.7	0.0	194.6



#74

n-propylbenzene

Concen: 1.982 ug/l

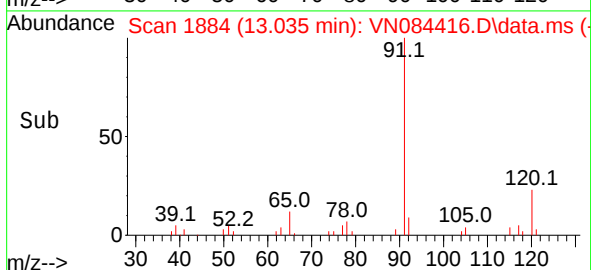
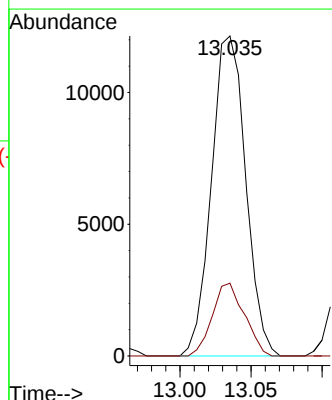
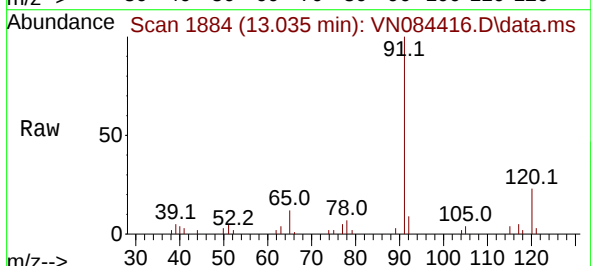
RT: 13.035 min Scan# 1884

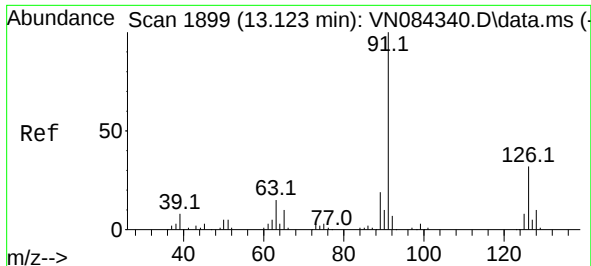
Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion:	91	Resp:	20360
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	43.2





#75

2-Chlorotoluene

Concen: 2.168 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

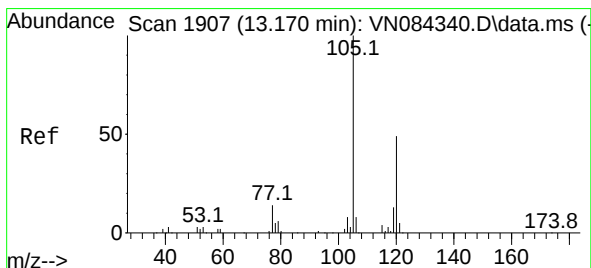
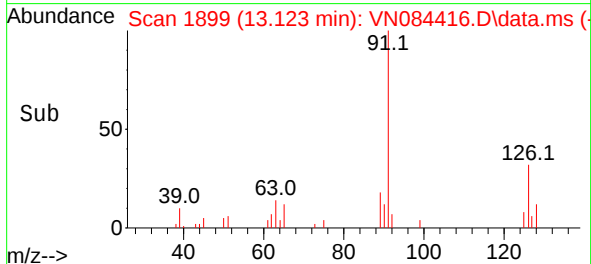
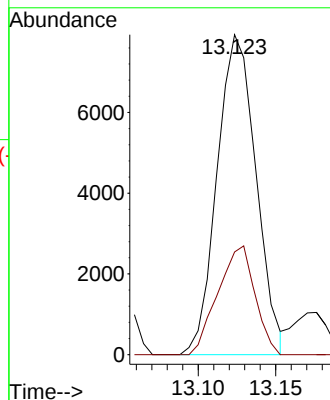
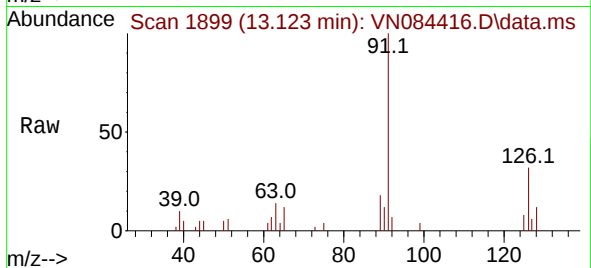
ClientSampleId :

Tgt Ion: 91 Resp: 13836

Ion Ratio Lower Upper

91 100

126 32.3 0.0 64.0



#76

1,3,5-Trimethylbenzene

Concen: 1.893 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084416.D

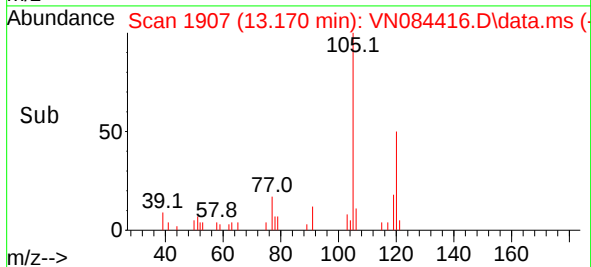
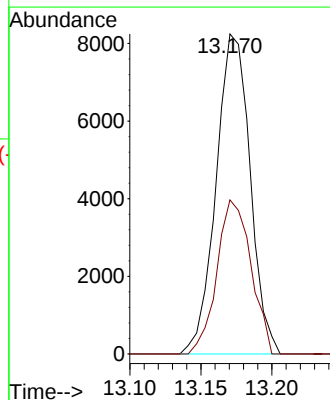
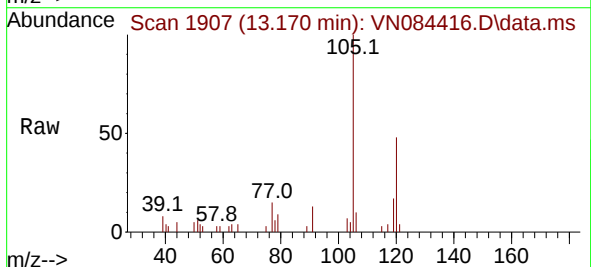
Acq: 15 Oct 2024 15:27

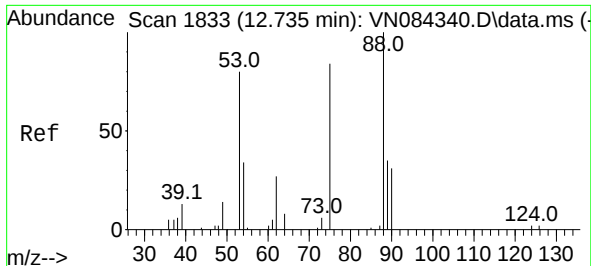
Tgt Ion:105 Resp: 13739

Ion Ratio Lower Upper

105 100

120 48.1 0.0 94.4





#77

t-1,4-Dichloro-2-butene

Concen: 2.132 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

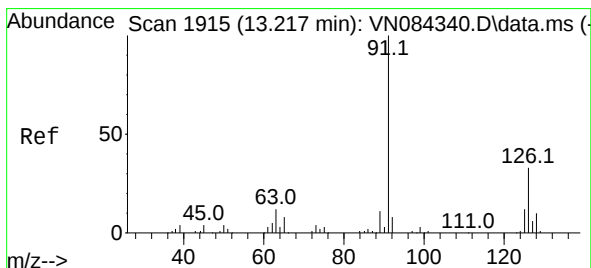
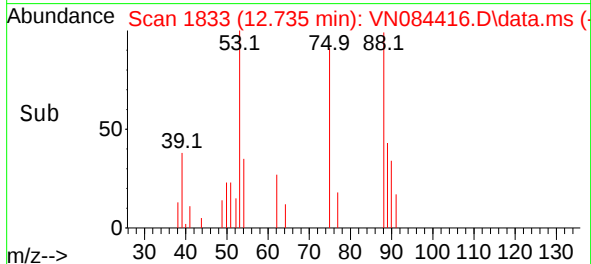
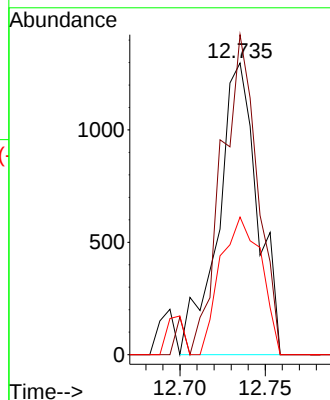
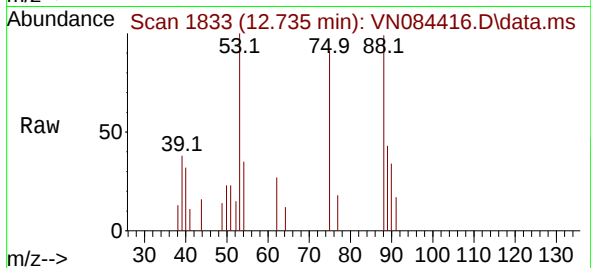
Tgt Ion: 75 Resp: 2080

Ion Ratio Lower Upper

75 100

53 109.7 47.3 142.0

89 47.1 22.9 68.8



#78

4-Chlorotoluene

Concen: 2.072 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VN084416.D

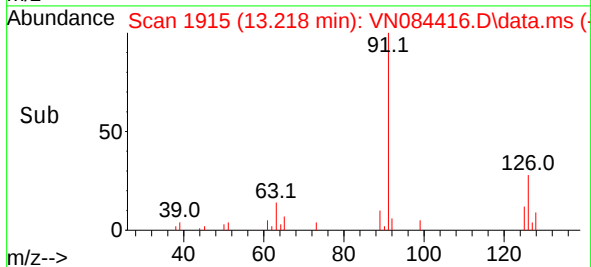
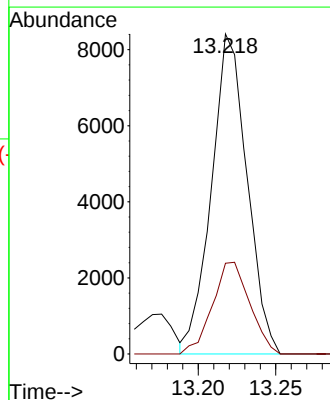
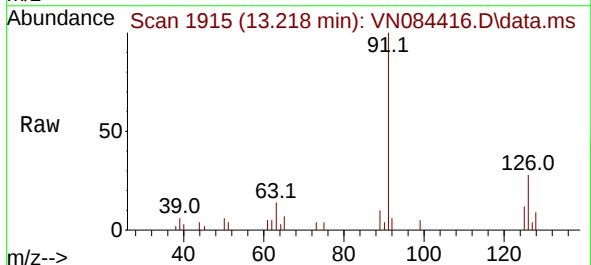
Acq: 15 Oct 2024 15:27

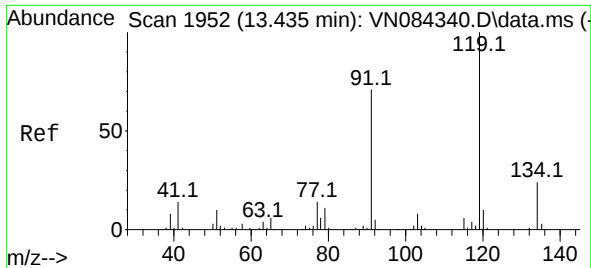
Tgt Ion: 91 Resp: 13443

Ion Ratio Lower Upper

91 100

126 30.0 0.0 62.4





#79

tert-butylbenzene

Concen: 1.915 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084416.D

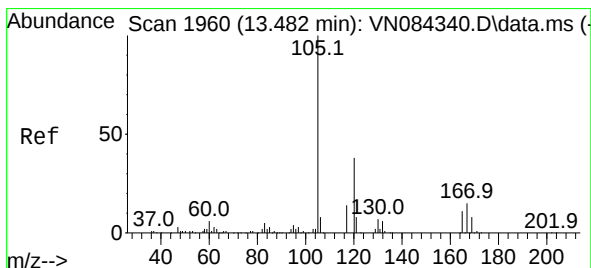
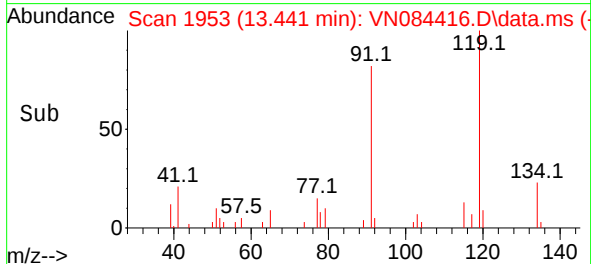
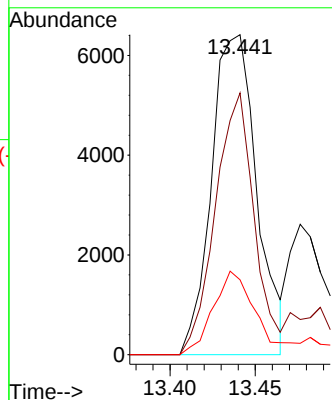
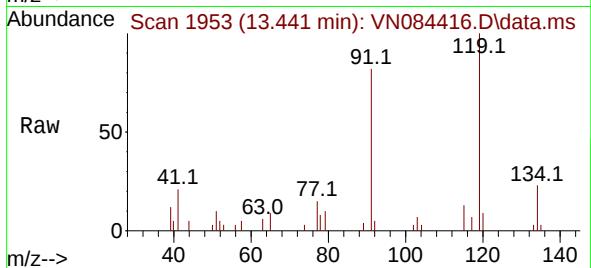
Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	11856
Ion Ratio	Lower	Upper
119	100	
91	70.1	0.0 138.0
134	23.6	0.0 48.8



#80

1,2,4-Trimethylbenzene

Concen: 1.827 ug/l

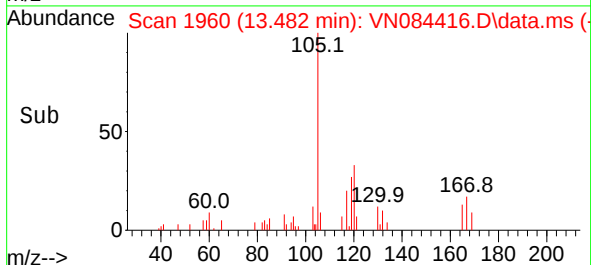
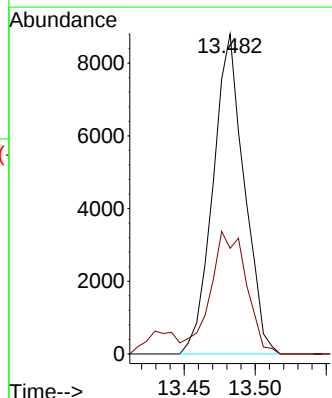
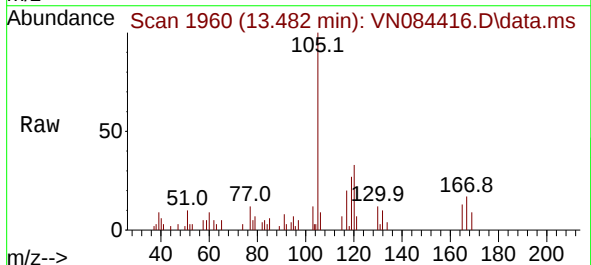
RT: 13.482 min Scan# 1960

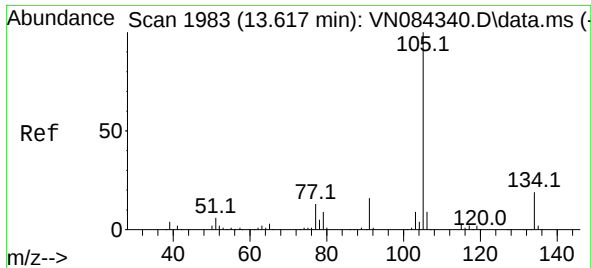
Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion:105	Resp:	13454
Ion Ratio	Lower	Upper
105	100	
120	44.2	0.0 88.8

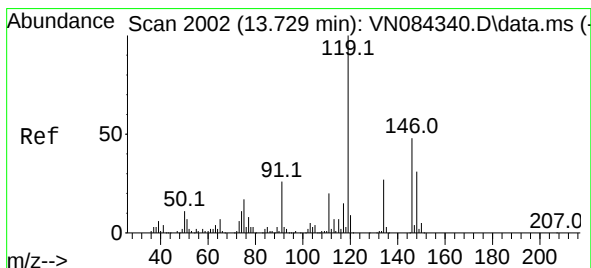
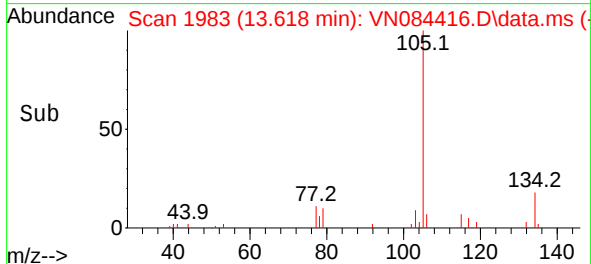
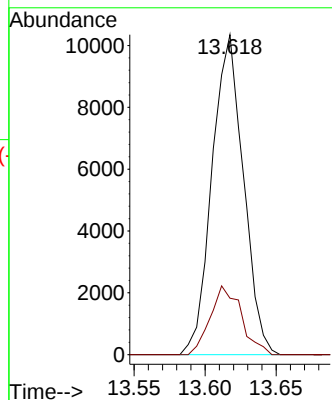
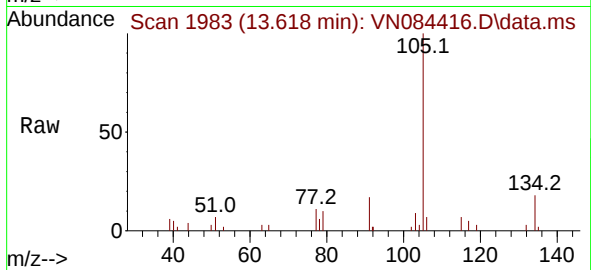




#81
 sec-Butylbenzene
 Concen: 1.867 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

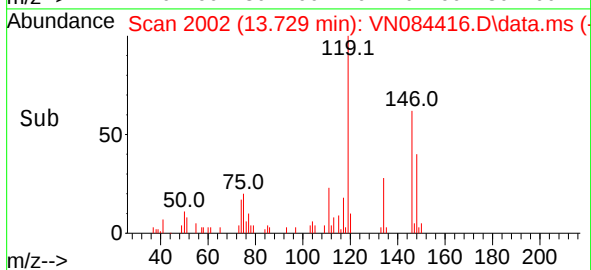
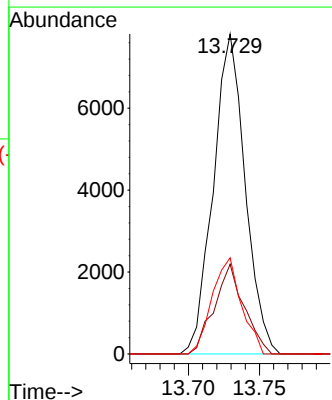
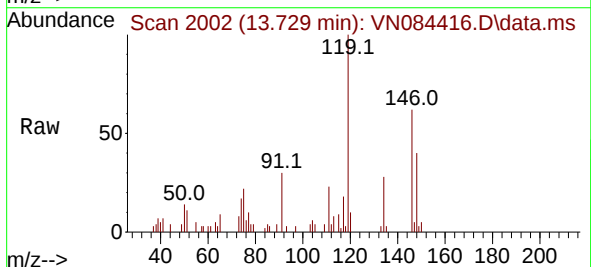
Instrument :
 MSVOA_N
 ClientSampleId :

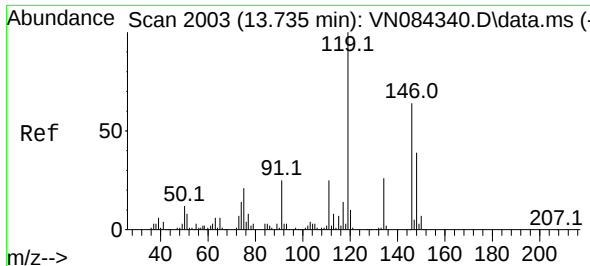
Tgt Ion:105 Resp: 15912
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 1.698 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084416.D
 Acq: 15 Oct 2024 15:27

Tgt Ion:119 Resp: 12181
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 50.2
 91 27.7 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 2.193 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

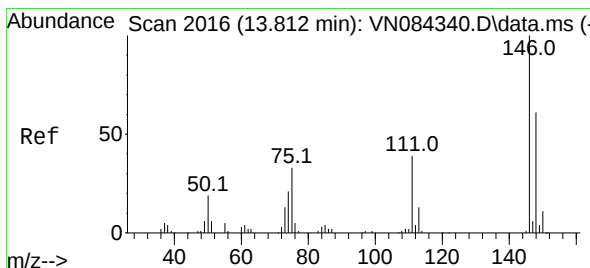
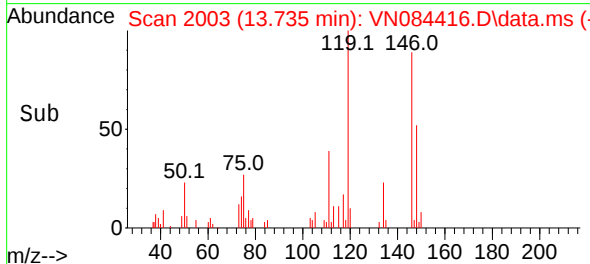
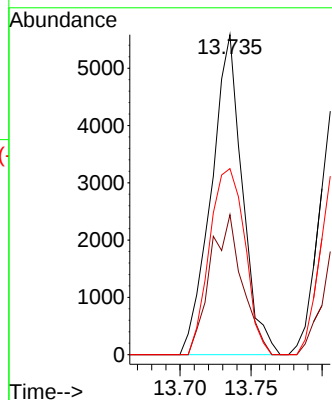
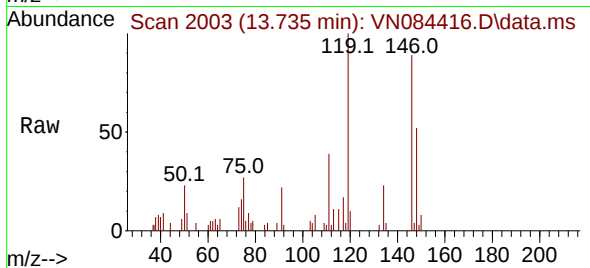
Tgt Ion:146 Resp: 8510

Ion Ratio Lower Upper

146 100

111 45.3 20.6 61.9

148 66.0 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 2.097 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

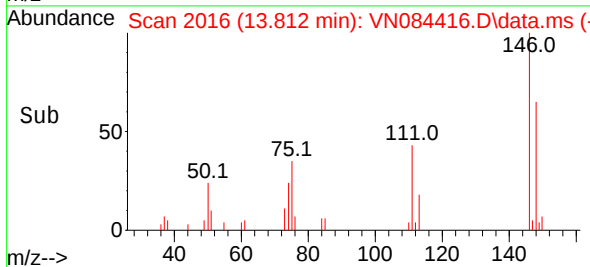
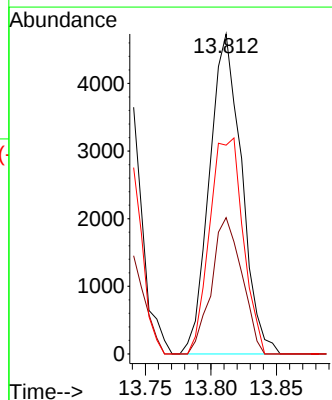
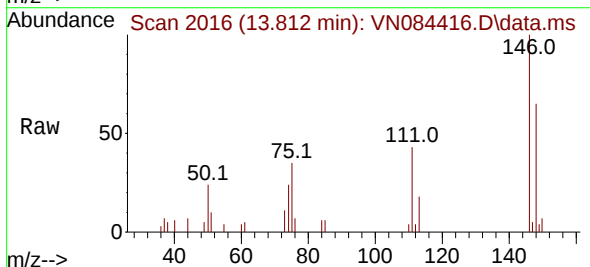
Tgt Ion:146 Resp: 8081

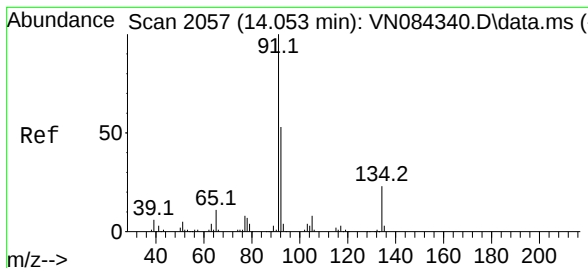
Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.5

148 70.1 32.5 97.4





#85

n-Butylbenzene

Concen: 1.633 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084416.D

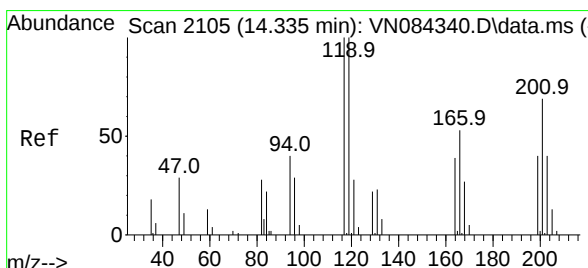
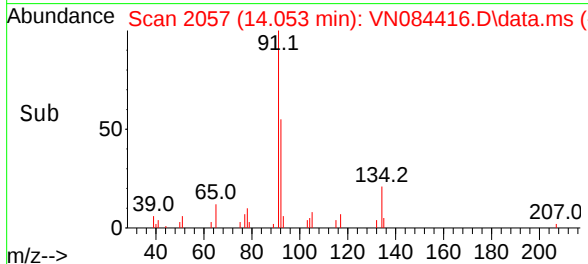
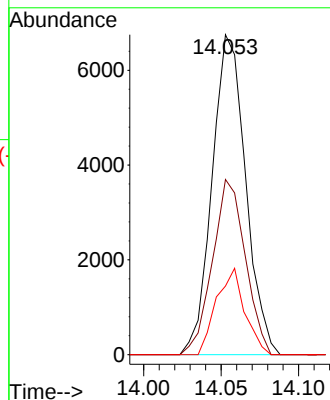
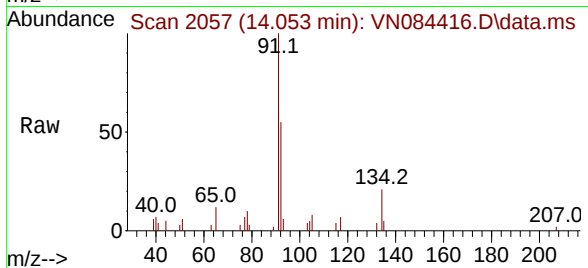
Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 10146
Ion Ratio	Lower Upper
91	100
92	53.7 0.0 103.4
134	22.9 0.0 48.0



#86

Hexachloroethane

Concen: 2.359 ug/l

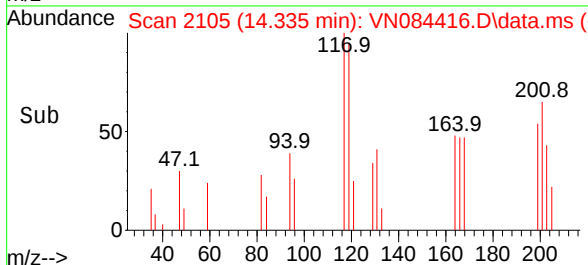
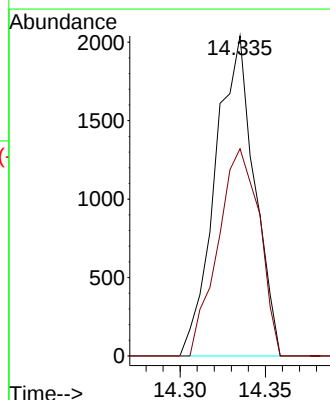
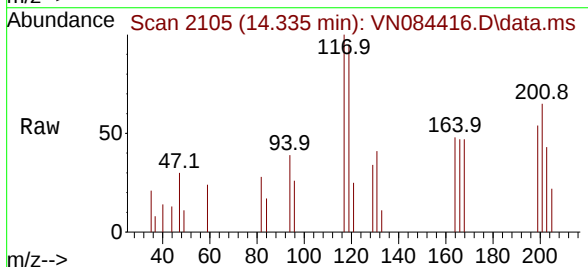
RT: 14.335 min Scan# 2105

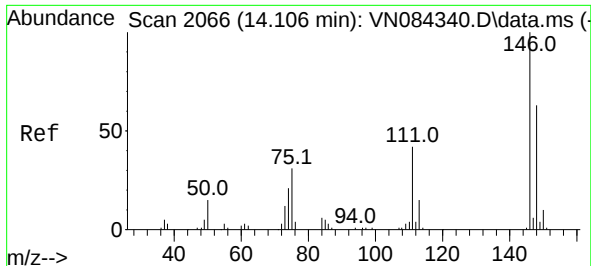
Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion: 117	Resp: 3260
Ion Ratio	Lower Upper
117	100
201	68.7 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 2.087 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

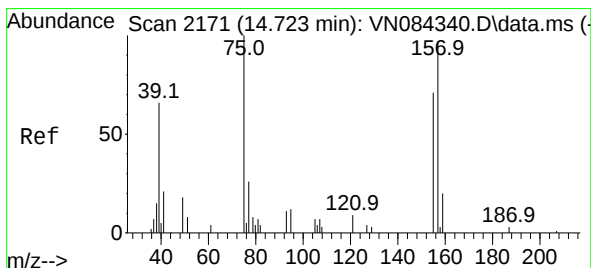
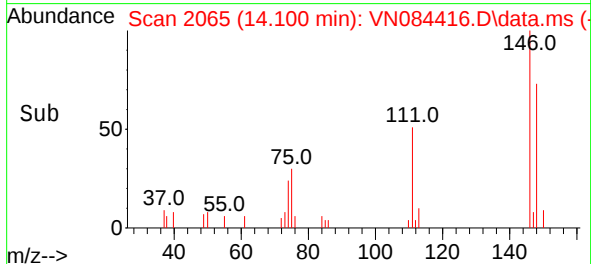
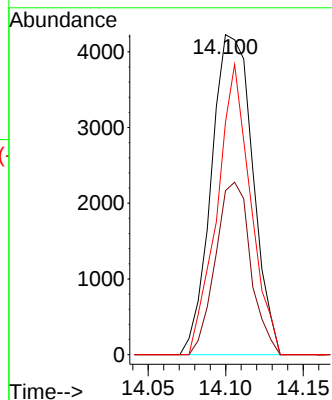
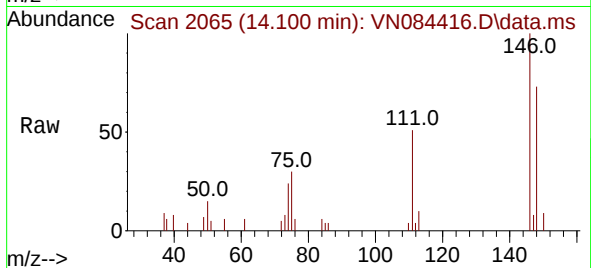
Tgt Ion:146 Resp: 7832

Ion Ratio Lower Upper

146 100

111 46.0 21.9 65.5

148 73.4 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.357 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

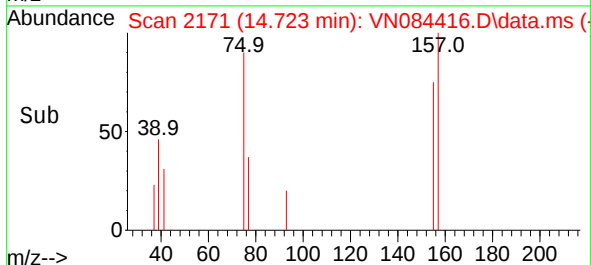
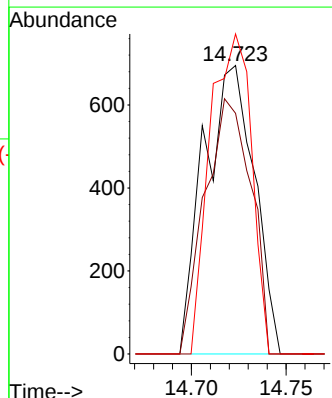
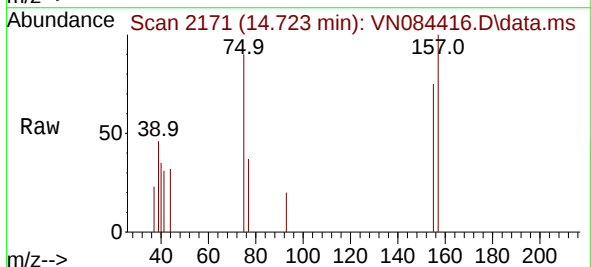
Tgt Ion: 75 Resp: 1285

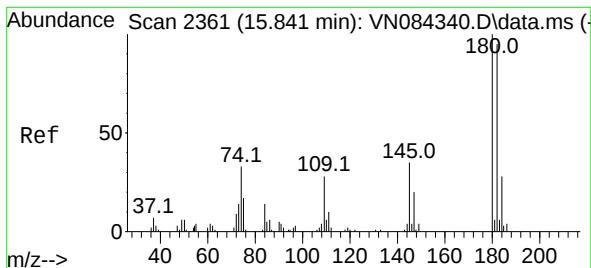
Ion Ratio Lower Upper

75 100

155 81.2 61.8 92.8

157 91.5 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 1.862 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

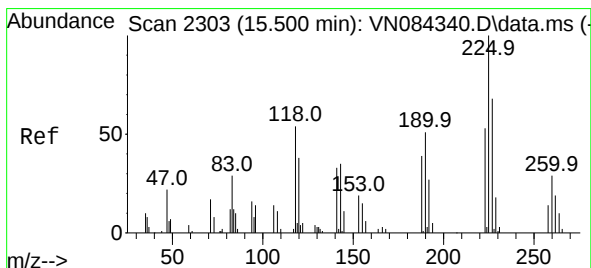
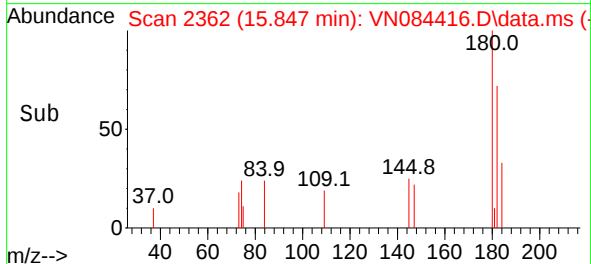
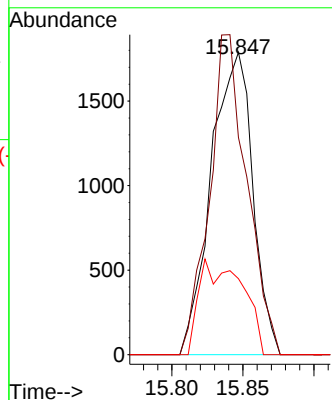
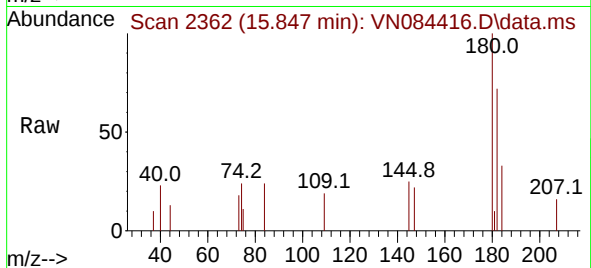
Tgt Ion:180 Resp: 3633

Ion Ratio Lower Upper

180 100

182 95.5 77.8 116.6

145 20.2 28.9 43.3#



#90

Hexachlorobutadiene

Concen: 1.570 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

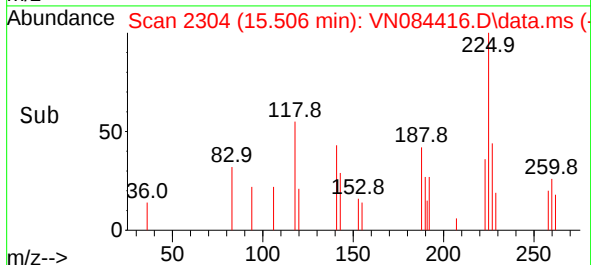
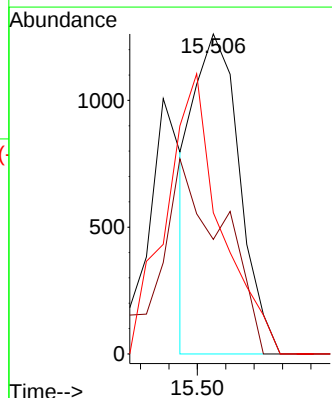
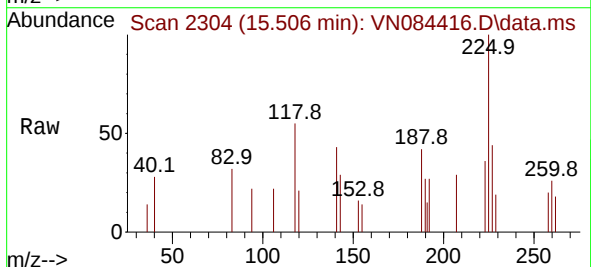
Tgt Ion:225 Resp: 1417

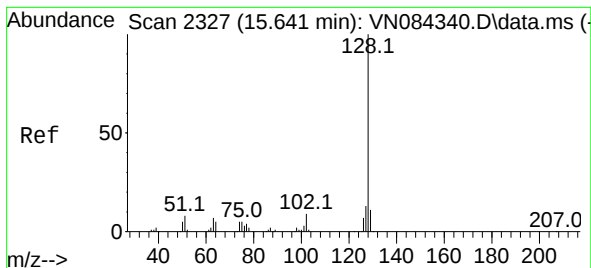
Ion Ratio Lower Upper

225 100

223 21.2 0.0 124.0

227 104.0 0.0 130.8





#91

Naphthalene

Concen: 1.455 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

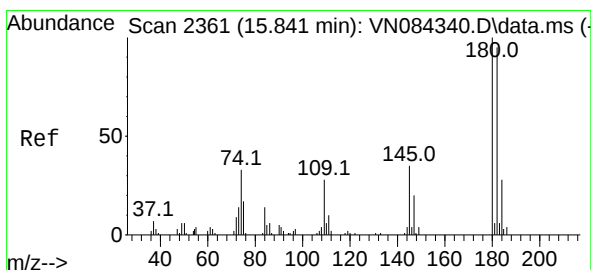
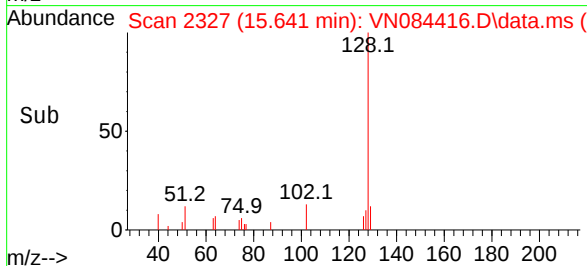
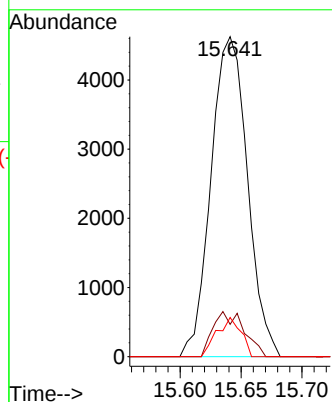
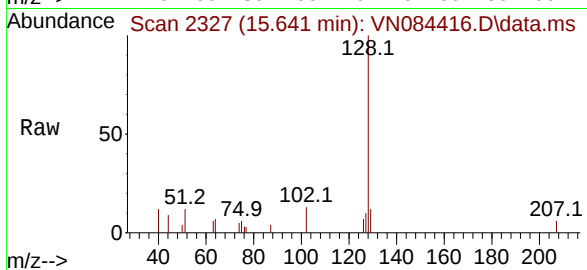
Tgt Ion:128 Resp: 9622

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 8.1 8.8 13.2#



#92

1,2,3-Trichlorobenzene

Concen: 1.862 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN084416.D

Acq: 15 Oct 2024 15:27

Tgt Ion:180 Resp: 3633

Ion Ratio Lower Upper

180 100

182 95.5 0.0 194.4

145 20.2 0.0 72.2

