

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079657.D
 Acq On : 07 Aug 2024 23:57
 Operator : RP/MD
 Sample : VD0807SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 08 01:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	101685	57.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.020%	
35) Dibromofluoromethane	7.805	113	108576	47.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.660%	
50) Toluene-d8	10.269	98	426195	48.348	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.700%	
62) 4-Bromofluorobenzene	12.569	95	120812	47.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	25400	18.465	ug/l	91
3) Chloromethane	2.146	50	49364	19.476	ug/l	95
4) Vinyl Chloride	2.281	62	60867	20.197	ug/l	99
5) Bromomethane	2.681	94	47109	23.363	ug/l	99
6) Chloroethane	2.834	64	45549	23.521	ug/l	94
7) Trichlorofluoromethane	3.175	101	60885	20.315	ug/l	100
8) Diethyl Ether	3.593	74	19968	22.056	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.969	101	39212	20.687	ug/l	95
10) Methyl Iodide	4.164	142	40202	18.971	ug/l	94
11) Tert butyl alcohol	5.058	59	13250	166.261	ug/l	98
12) 1,1-Dichloroethene	3.946	96	38243	20.161	ug/l	94
13) Acrolein	3.793	56	12736	92.086	ug/l	99
14) Allyl chloride	4.564	41	55759	22.260	ug/l #	85
15) Acrylonitrile	5.252	53	51798	122.442	ug/l	98
16) Acetone	4.028	43	37263	107.505	ug/l	96
17) Carbon Disulfide	4.269	76	105625	16.869	ug/l #	94
18) Methyl Acetate	4.564	43	29744	27.639	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	90699	23.424	ug/l	95
20) Methylene Chloride	4.805	84	70822	18.787	ug/l	84
21) trans-1,2-Dichloroethene	5.311	96	43922	20.611	ug/l	90
22) Diisopropyl ether	6.216	45	138398	24.833	ug/l #	86
23) Vinyl Acetate	6.158	43	484936	115.750	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	88737	23.759	ug/l	97
25) 2-Butanone	7.081	43	58973	120.009	ug/l	100
26) 2,2-Dichloropropane	7.081	77	67187	22.240	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	55248	22.682	ug/l	88
28) Bromochloromethane	7.428	49	37919	23.153	ug/l #	70
29) Tetrahydrofuran	7.452	42	37810	124.156	ug/l #	79
30) Chloroform	7.599	83	90124	23.828	ug/l	95
31) Cyclohexane	7.881	56	54407	18.368	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	70354	22.542	ug/l	97
36) 1,1-Dichloropropene	8.010	75	55770	18.000	ug/l	94
37) Ethyl Acetate	7.158	43	29151	22.948	ug/l #	83
38) Carbon Tetrachloride	7.993	117	61410	18.855	ug/l	98
39) Methylcyclohexane	9.275	83	56066	15.166	ug/l	92
40) Benzene	8.252	78	195624	19.879	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.440	41	20148	28.835	ug/l #	29
42) 1,2-Dichloroethane	8.328	62	48628	20.737	ug/l	97
43) Isopropyl Acetate	8.357	43	51382	21.522	ug/l #	93
44) Trichloroethene	9.028	130	48054	19.616	ug/l	88
45) 1,2-Dichloropropane	9.304	63	48407	20.213	ug/l	96
46) Dibromomethane	9.393	93	26659	20.080	ug/l	90
47) Bromodichloromethane	9.587	83	66554	20.416	ug/l	97
48) Methyl methacrylate	9.381	41	21842	20.443	ug/l	85
49) 1,4-Dioxane	9.387	88	5228	380.033	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	134343	110.216	ug/l	94
52) Toluene	10.334	92	120805	19.849	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	59178	19.658	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	71046	19.620	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	37696	21.554	ug/l	95
56) Ethyl methacrylate	10.599	69	40432	19.512	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	62710	21.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	89211	93.352	ug/l	92
59) 2-Hexanone	10.922	43	91508	107.645	ug/l	91
60) Dibromochloromethane	11.069	129	46221	20.231	ug/l	98
61) 1,2-Dibromoethane	11.181	107	32568	19.878	ug/l	94
64) Tetrachloroethene	10.804	164	35931	17.637	ug/l	92
65) Chlorobenzene	11.604	112	132560	19.814	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	45018	20.452	ug/l	99
67) Ethyl Benzene	11.681	91	215328	19.660	ug/l	96
68) m/p-Xylenes	11.793	106	171278	39.418	ug/l	94
69) o-Xylene	12.116	106	77900	19.559	ug/l	90
70) Styrene	12.134	104	139859	20.030	ug/l	97
71) Bromoform	12.298	173	24569	19.744	ug/l #	96
73) Isopropylbenzene	12.416	105	197510	20.199	ug/l	100
74) N-amyl acetate	12.228	43	47306	21.792	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	43960	22.928	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	51462	39.891	ug/l #	100
77) Bromobenzene	12.698	156	47276	19.103	ug/l	83
78) n-propylbenzene	12.763	91	249437	20.219	ug/l	96
79) 2-Chlorotoluene	12.845	91	141296	20.569	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	165521	20.133	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14804	21.887	ug/l	98
82) 4-Chlorotoluene	12.945	91	147461	20.592	ug/l	97
83) tert-Butylbenzene	13.163	119	137044	19.588	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	167002	20.245	ug/l	99
85) sec-Butylbenzene	13.345	105	211638	19.354	ug/l	98
86) p-Isopropyltoluene	13.457	119	174690	19.456	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	98146	19.146	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	96883	19.223	ug/l	94
89) n-Butylbenzene	13.781	91	158025	19.069	ug/l	98
90) Hexachloroethane	14.051	117	37899	19.815	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	87369	19.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5287	20.724	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	45811	16.596	ug/l	99
94) Hexachlorobutadiene	15.204	225	23584	15.830	ug/l	97
95) Naphthalene	15.328	128	88789	18.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	40511	16.684	ug/l	99

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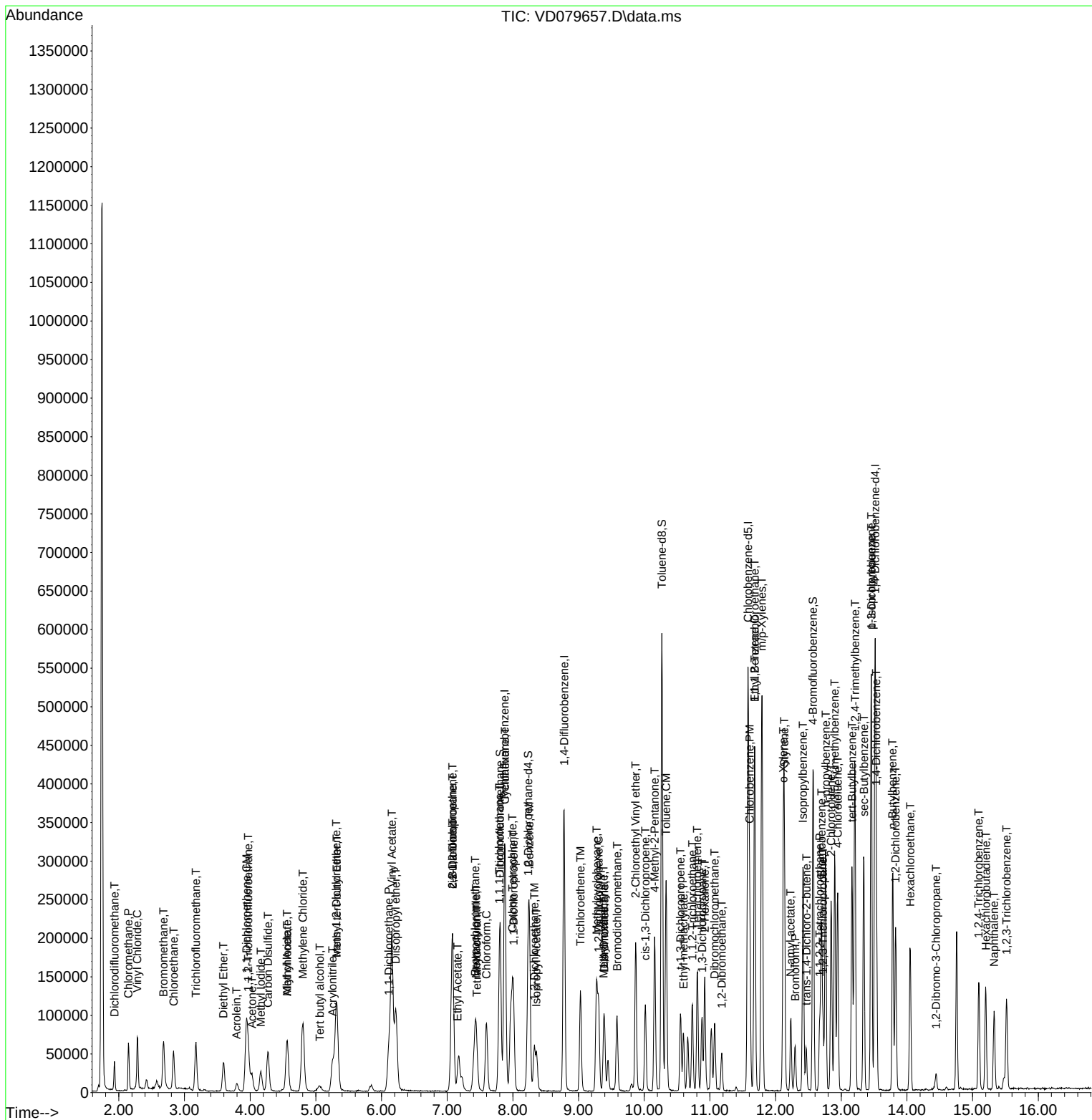
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MSVOA_D
ClientSampleId :

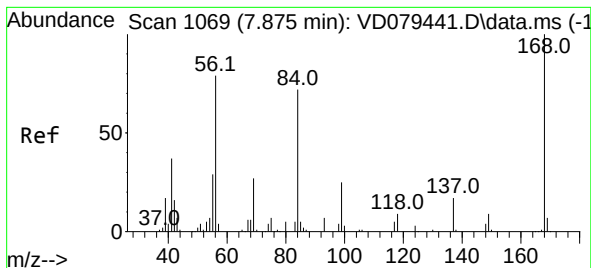
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079657.D

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Instrument :

MSVOA_D

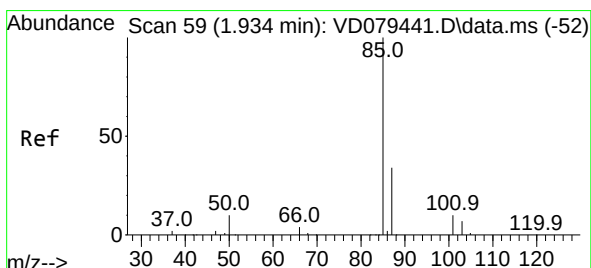
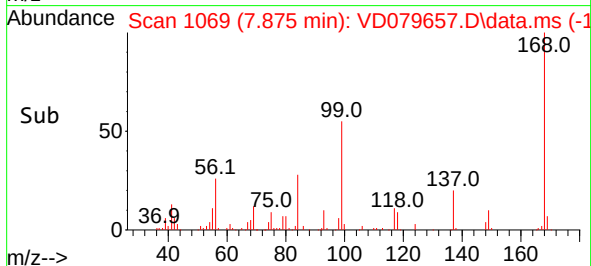
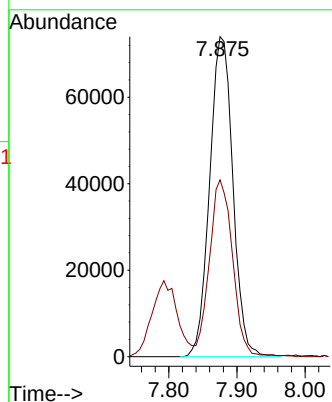
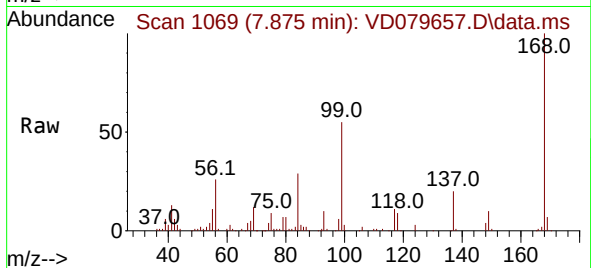
ClientSampleId :

Tgt Ion:168 Resp: 175561

Ion Ratio Lower Upper

168 100

99 54.9 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 18.465 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079657.D

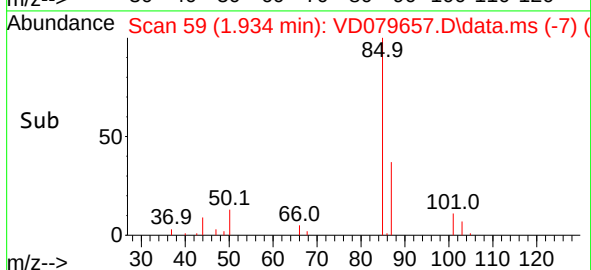
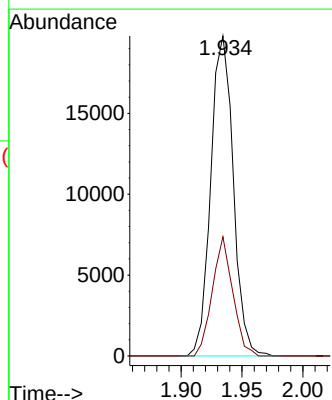
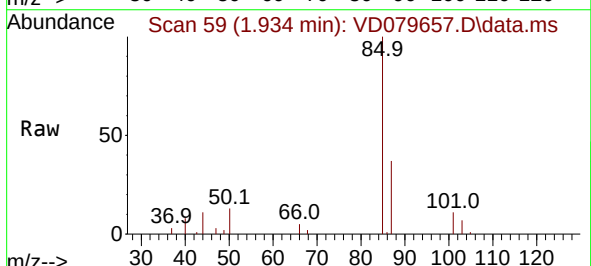
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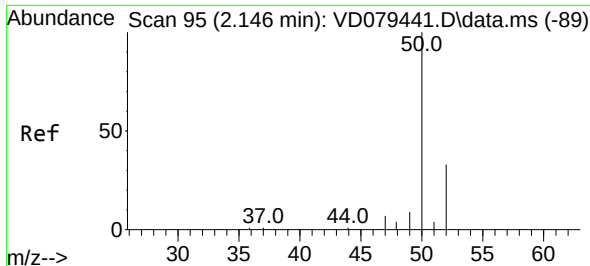
Tgt Ion: 85 Resp: 25400

Ion Ratio Lower Upper

85 100

87 37.3 16.0 48.0

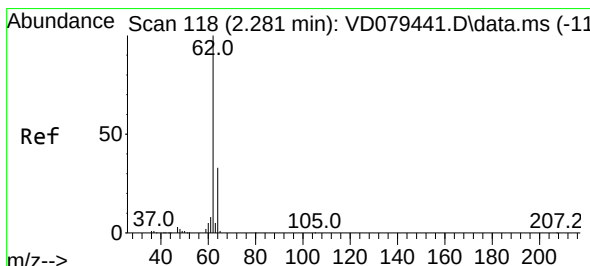
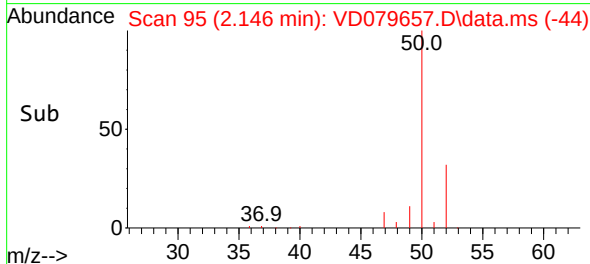
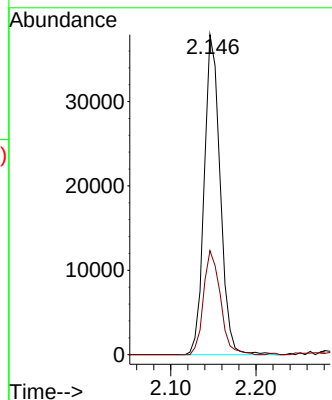
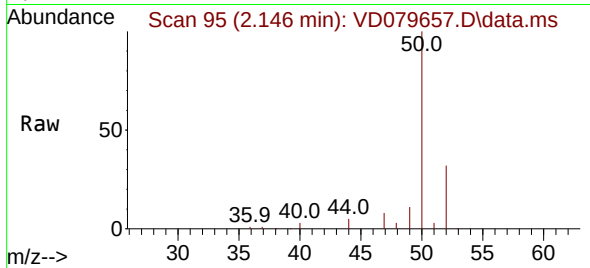




#3
Chloromethane
Concen: 19.476 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

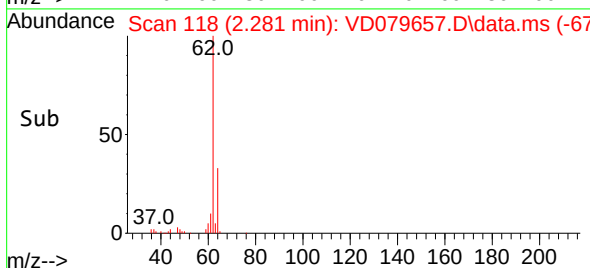
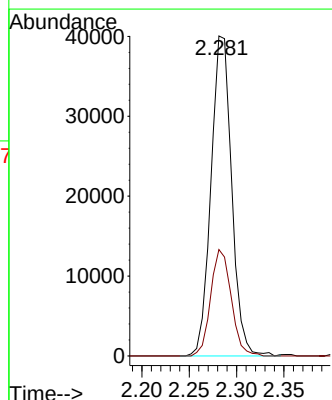
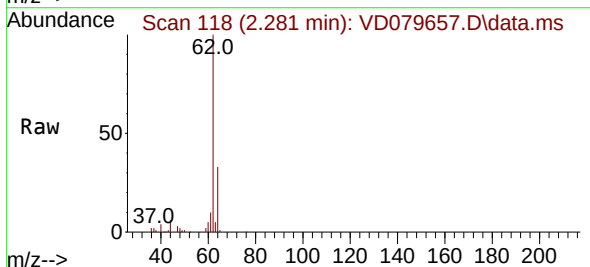
Instrument :
MSVOA_D
ClientSampleId :

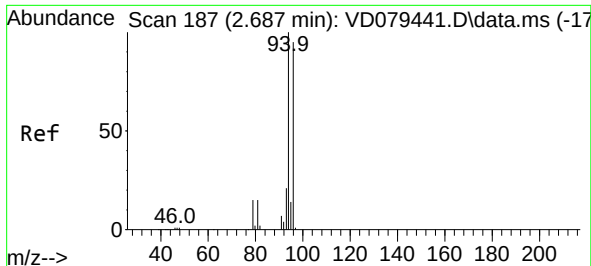
Tgt Ion: 50 Resp: 49364
Ion Ratio Lower Upper
50 100
52 32.5 28.2 42.2



#4
Vinyl Chloride
Concen: 20.197 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 62 Resp: 60867
Ion Ratio Lower Upper
62 100
64 33.2 26.3 39.5

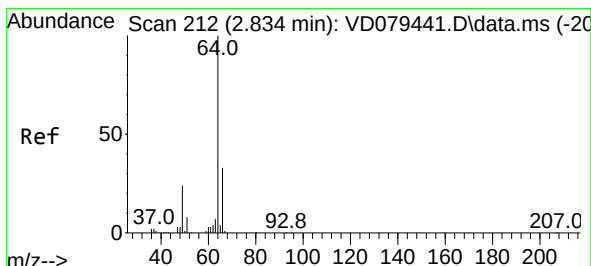
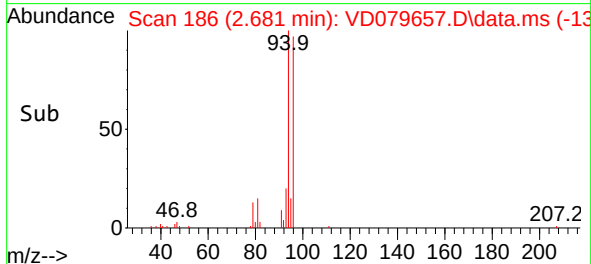
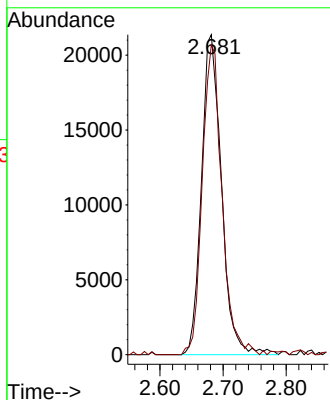
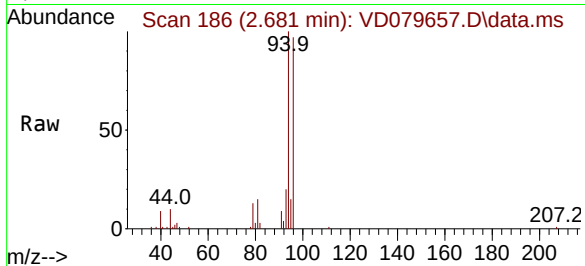




#5
Bromomethane
Concen: 23.363 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

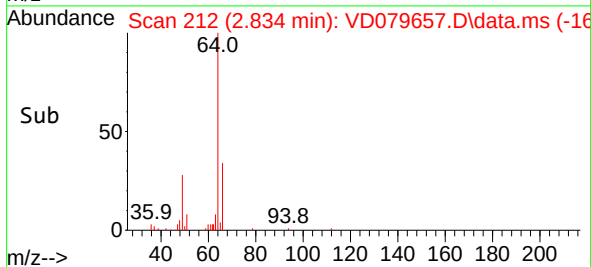
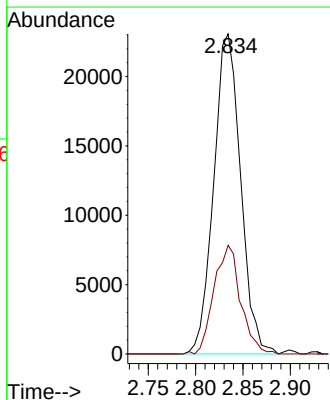
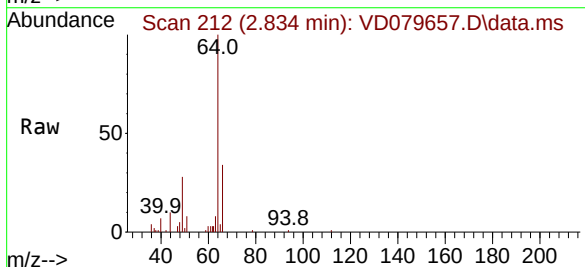
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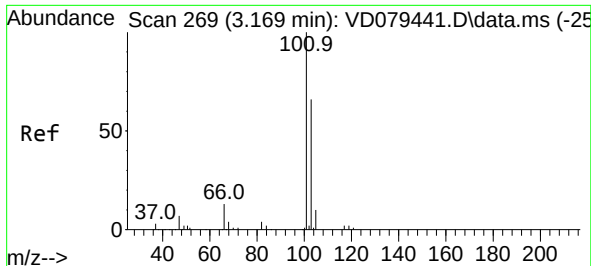
Tgt Ion: 94 Resp: 47109
Ion Ratio Lower Upper
94 100
96 95.2 76.9 115.3



#6
Chloroethane
Concen: 23.521 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 64 Resp: 45549
Ion Ratio Lower Upper
64 100
66 33.9 24.5 36.7

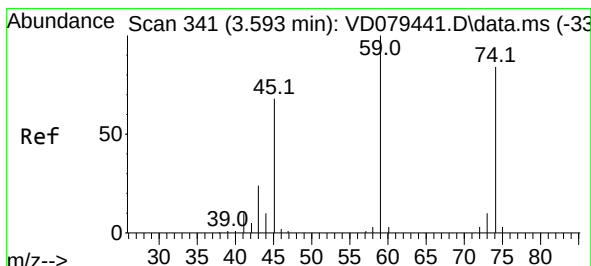
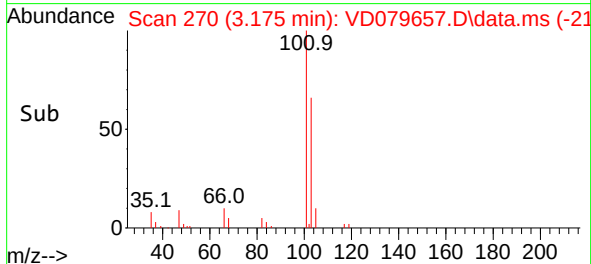
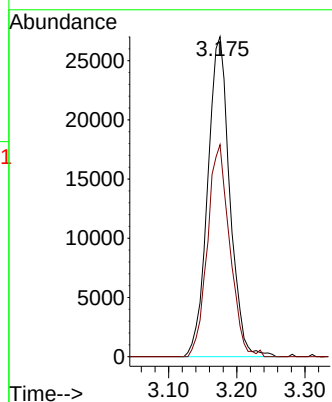
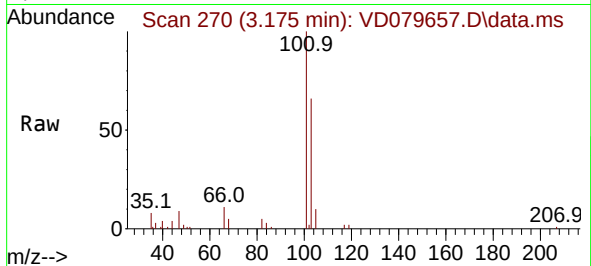




#7
 Trichlorofluoromethane
 Concen: 20.315 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079657.D
 Acq: 07 Aug 2024 23:57

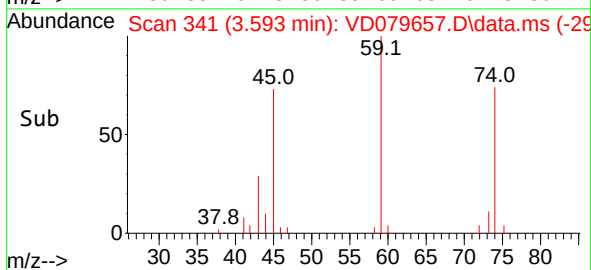
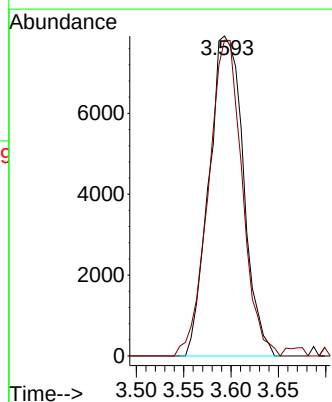
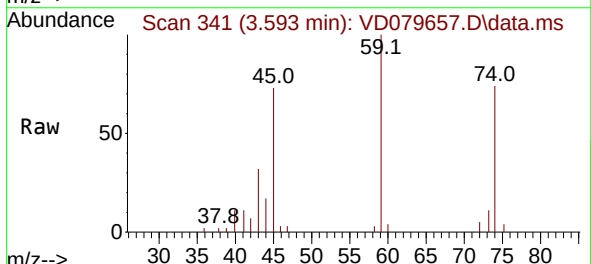
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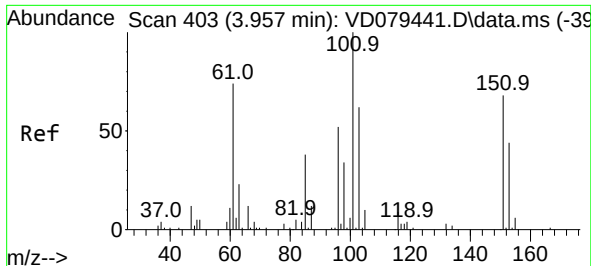
Tgt Ion:101 Resp: 60885
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.2 79.8



#8
 Diethyl Ether
 Concen: 22.056 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD079657.D
 Acq: 07 Aug 2024 23:57

Tgt Ion: 74 Resp: 19968
 Ion Ratio Lower Upper
 74 100
 45 96.8 37.9 113.6

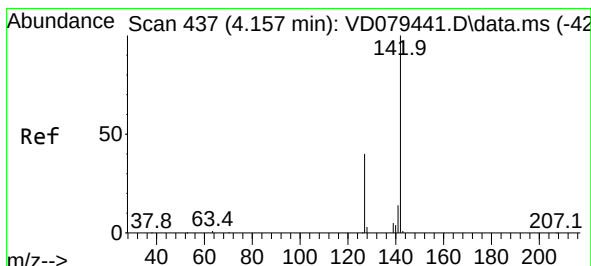
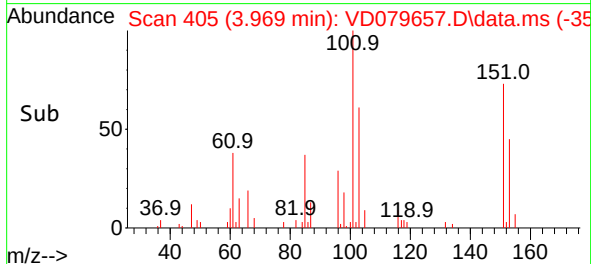
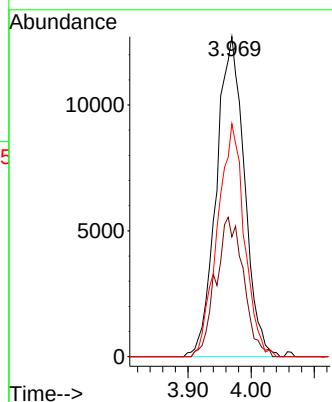
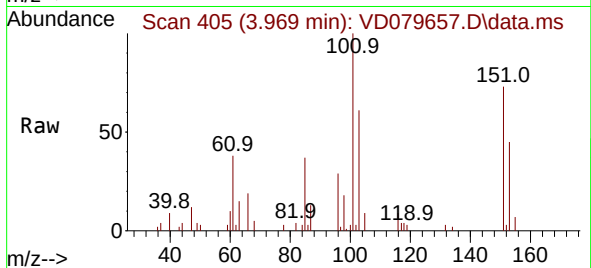




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.687 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
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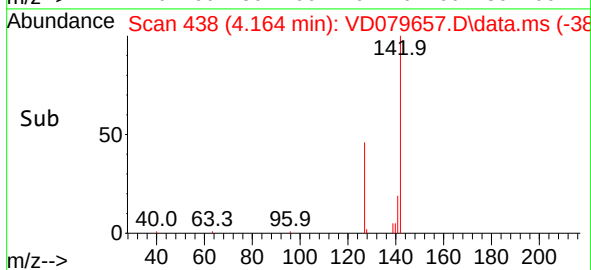
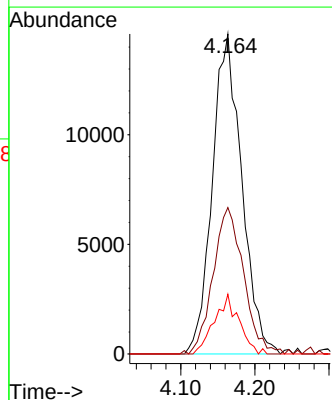
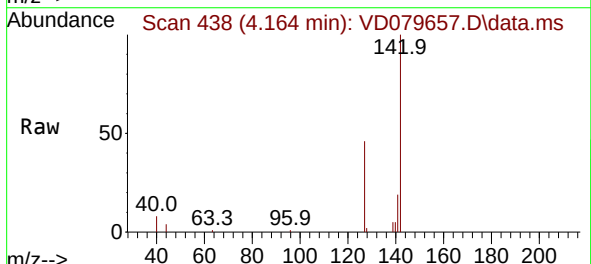
Instrument :
MSVOA_D
ClientSampleId :

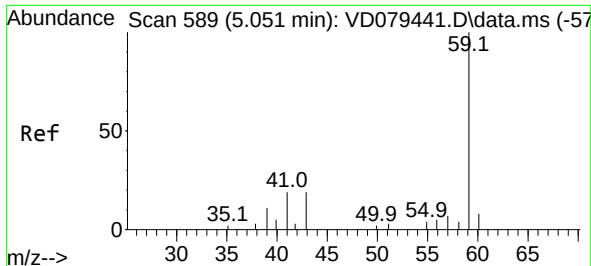
Tgt Ion:101 Resp: 39212
Ion Ratio Lower Upper
101 100
85 43.2 33.5 50.3
151 69.9 60.3 90.5



#10
Methyl Iodide
Concen: 18.971 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

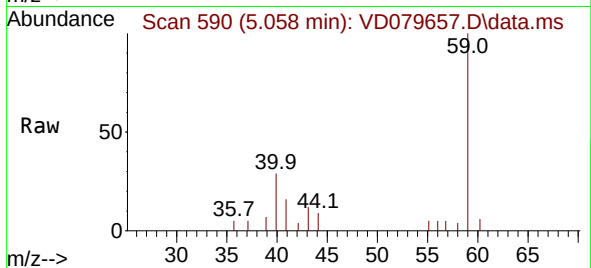
Tgt Ion:142 Resp: 40202
Ion Ratio Lower Upper
142 100
127 47.4 34.2 51.4
141 15.6 11.7 17.5



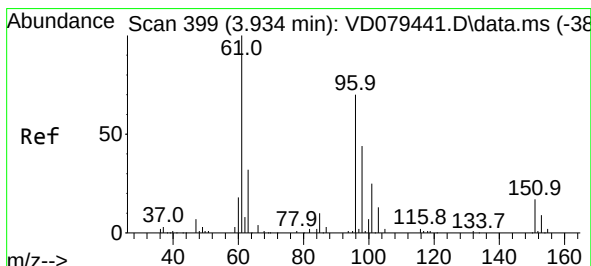
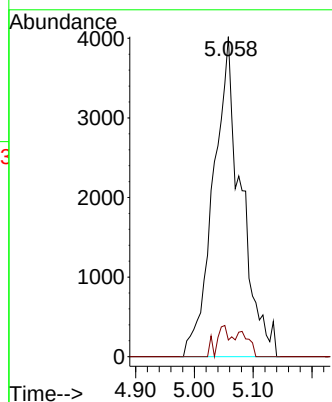
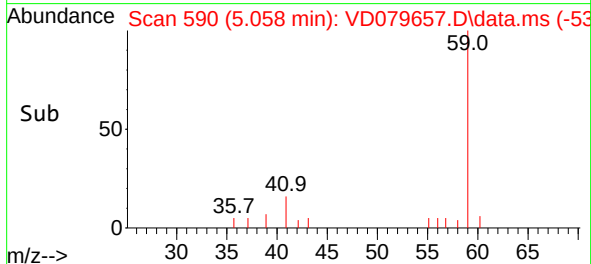


#11
Tert butyl alcohol
Concen: 166.261 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

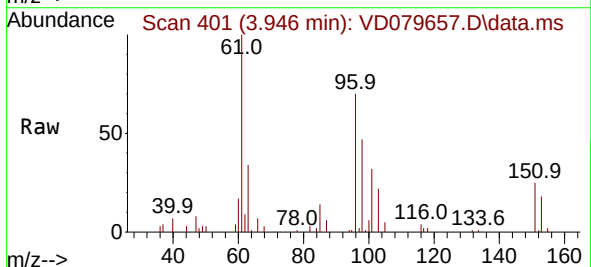
Instrument :
MSVOA_D
ClientSampleId :



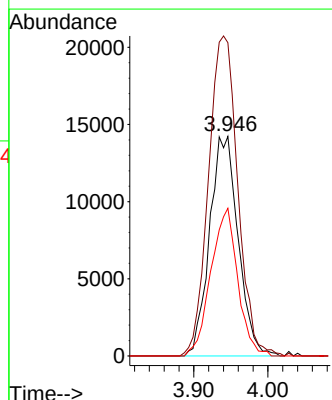
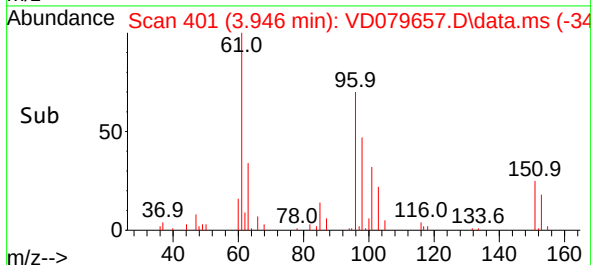
Tgt Ion: 59 Resp: 13250
Ion Ratio Lower Upper
59 100
57 5.2 3.6 5.4

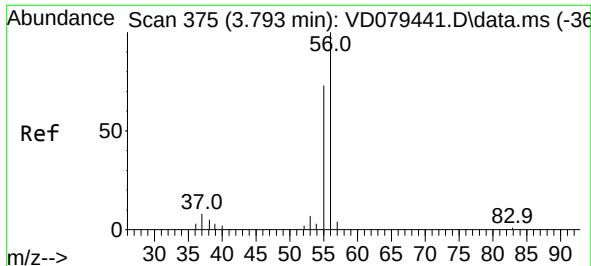


#12
1,1-Dichloroethene
Concen: 20.161 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.018 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57



Tgt Ion: 96 Resp: 38243
Ion Ratio Lower Upper
96 100
61 142.7 107.3 160.9
98 67.2 51.7 77.5





#13

Acrolein

Concen: 92.086 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

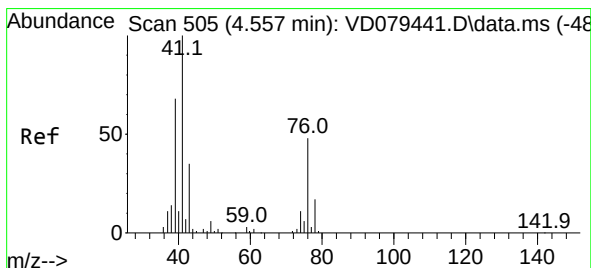
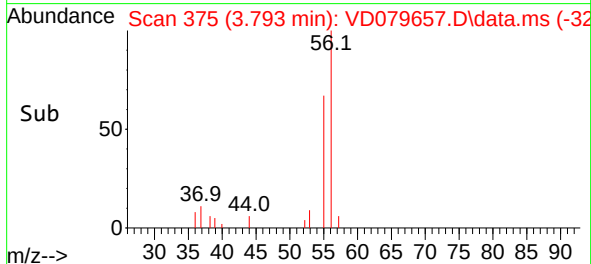
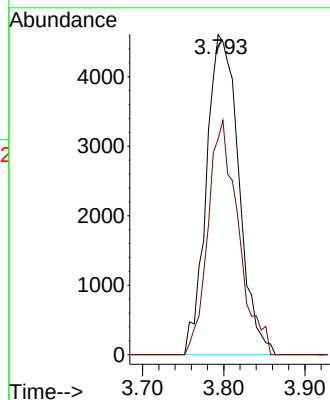
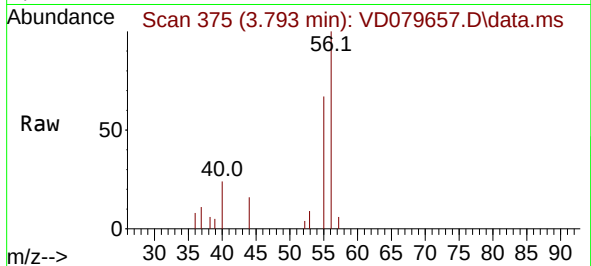
ClientSampleId :

Tgt Ion: 56 Resp: 12736

Ion Ratio Lower Upper

56 100

55 68.5 55.3 82.9



#14

Allyl chloride

Concen: 22.260 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

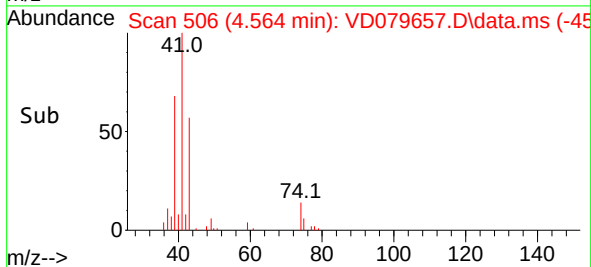
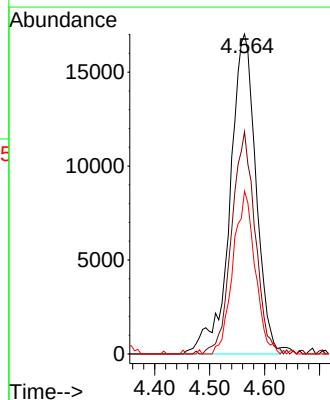
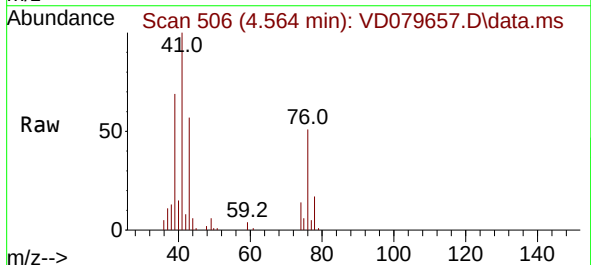
Tgt Ion: 41 Resp: 55759

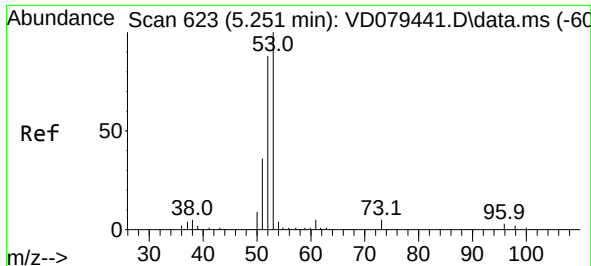
Ion Ratio Lower Upper

41 100

39 62.8 58.0 87.0

76 43.1 45.9 68.9#

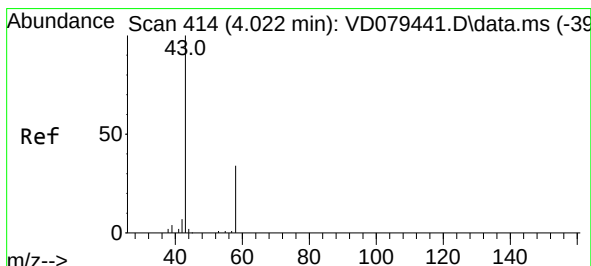
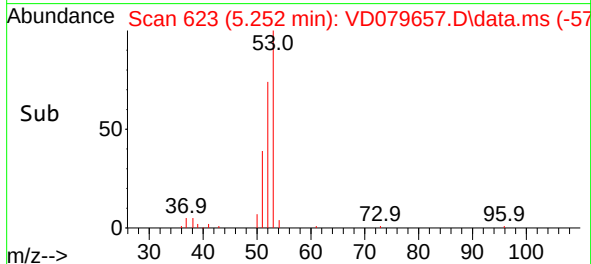
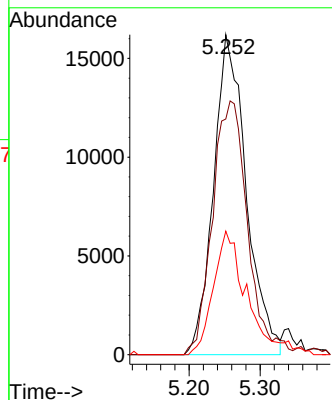
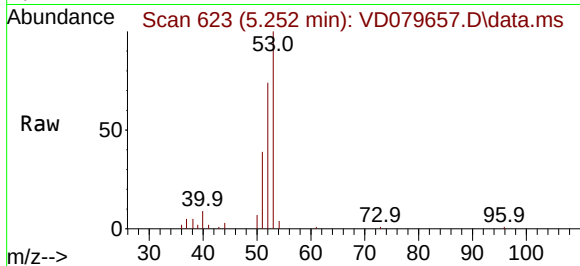




#15
Acrylonitrile
Concen: 122.442 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

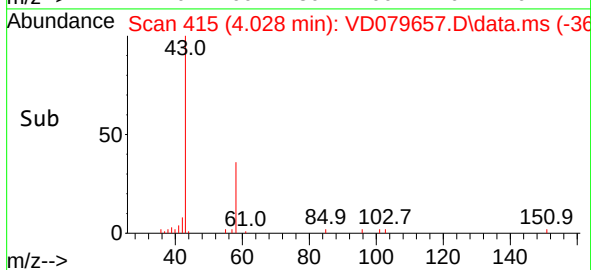
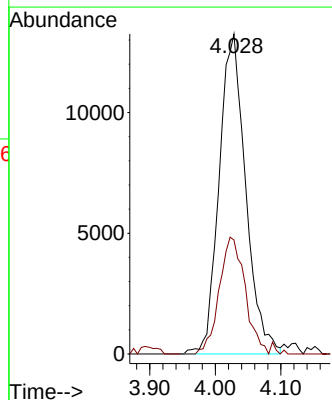
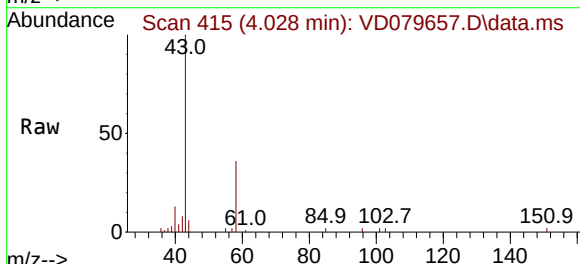
Instrument :
MSVOA_D
ClientSampleId :

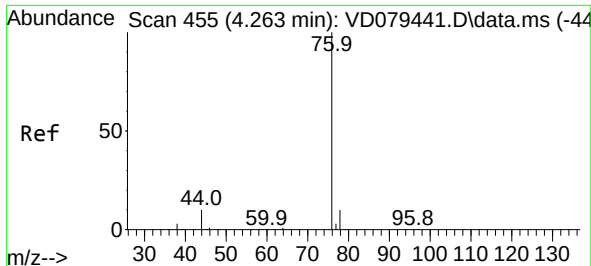
Tgt Ion: 53 Resp: 51798
Ion Ratio Lower Upper
53 100
52 84.7 67.7 101.5
51 39.9 28.6 42.8



#16
Acetone
Concen: 107.505 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 43 Resp: 37263
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

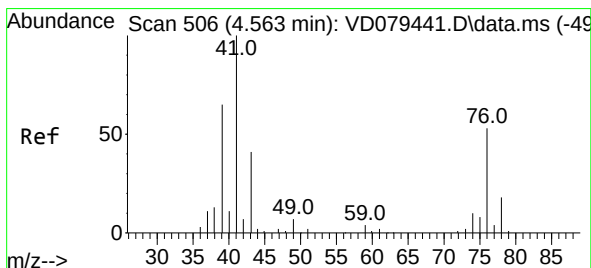
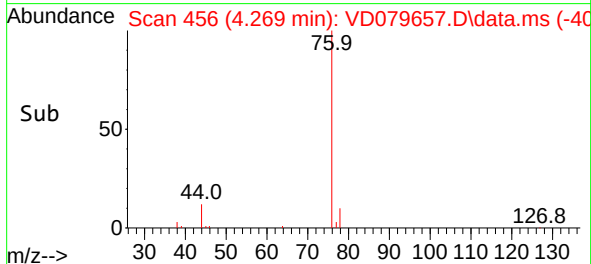
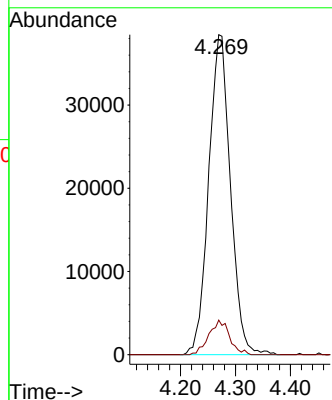
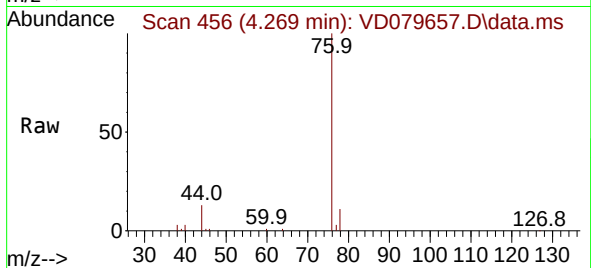




#17
Carbon Disulfide
Concen: 16.869 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

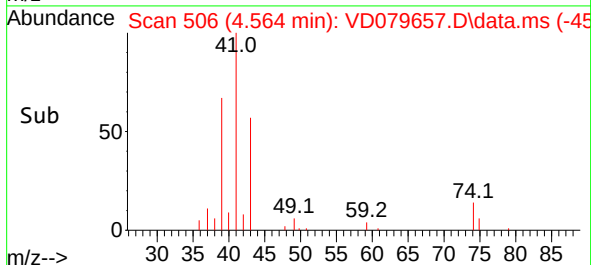
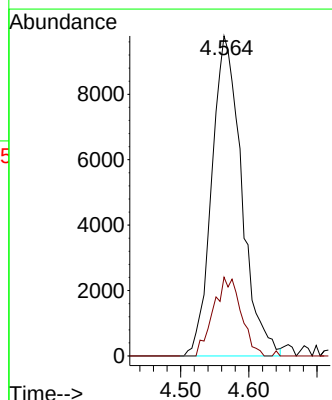
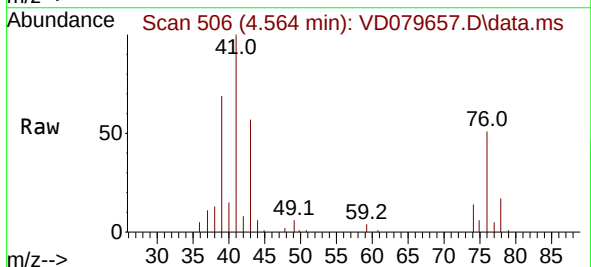
Instrument :
MSVOA_D
ClientSampleId :

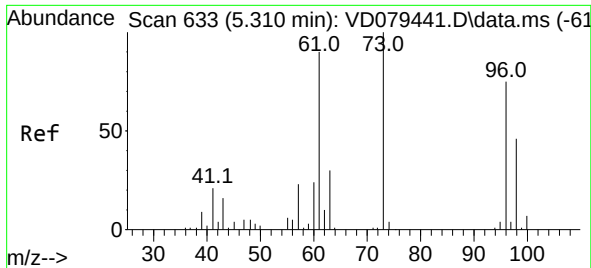
Tgt Ion: 76 Resp: 105625
Ion Ratio Lower Upper
76 100
78 10.8 6.9 10.3#



#18
Methyl Acetate
Concen: 27.639 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 43 Resp: 29744
Ion Ratio Lower Upper
43 100
74 22.9 28.1 42.1#

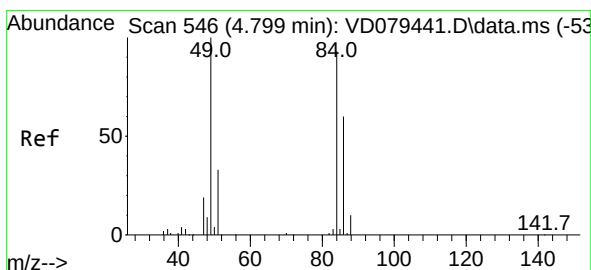
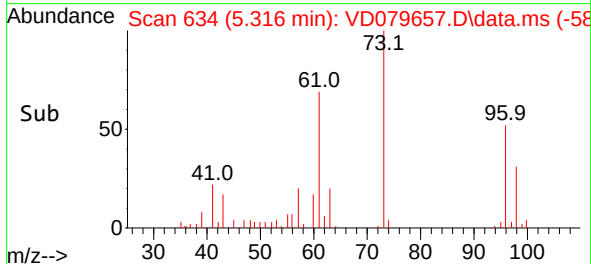
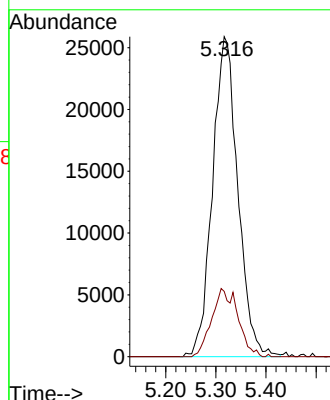
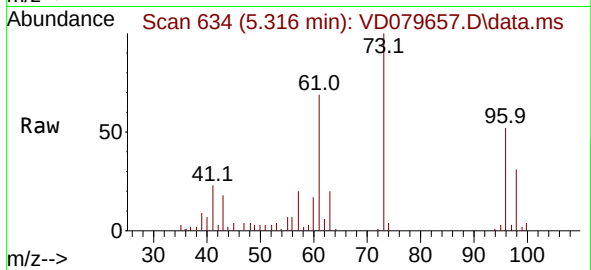




#19
Methyl tert-butyl Ether
Concen: 23.424 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

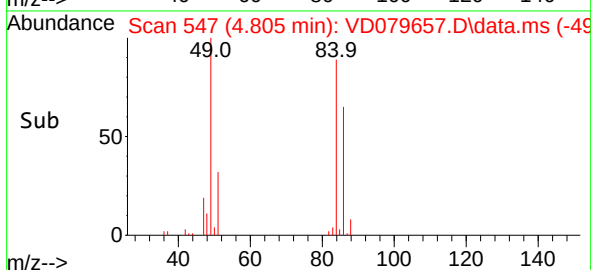
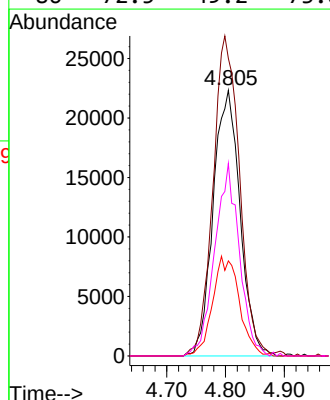
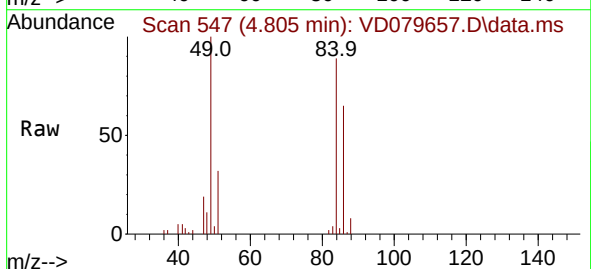
Instrument :
MSVOA_D
ClientSampleId :

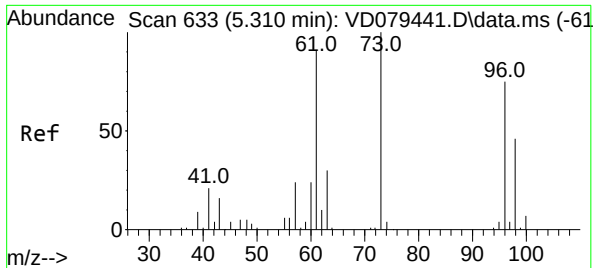
Tgt Ion: 73 Resp: 90699
Ion Ratio Lower Upper
73 100
57 20.4 18.3 27.5



#20
Methylene Chloride
Concen: 18.787 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

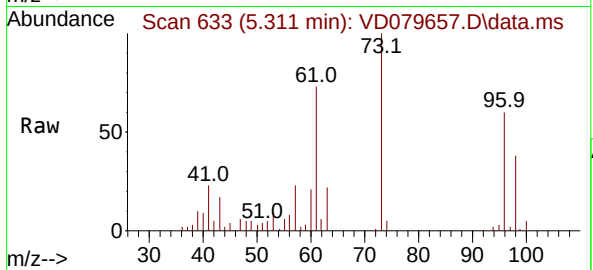
Tgt Ion: 84 Resp: 70822
Ion Ratio Lower Upper
84 100
49 112.0 75.6 113.4
51 35.8 24.2 36.2
86 72.5 49.2 73.8





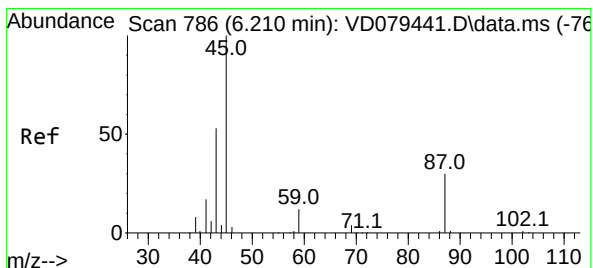
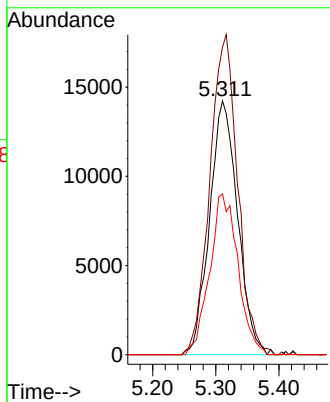
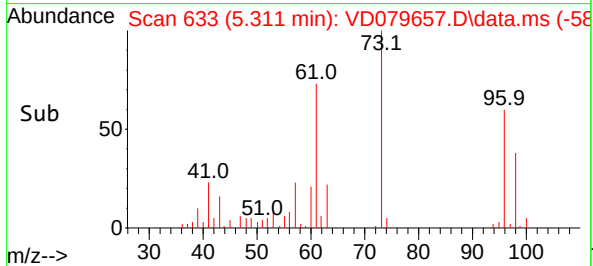
#21
trans-1,2-Dichloroethene
Concen: 20.611 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Instrument :
MSVOA_D
ClientSampleId :

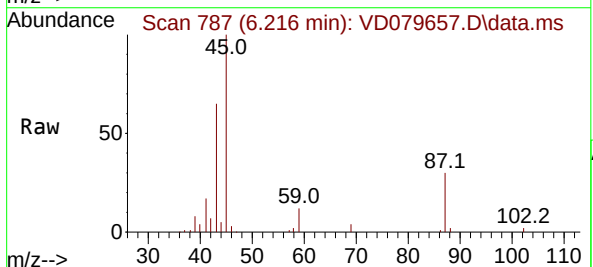


Tgt Ion: 96 Resp: 43922

Ion	Ratio	Lower	Upper
96	100		
61	121.2	84.5	126.7
98	63.4	50.5	75.7

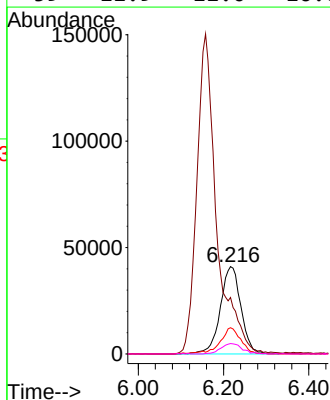
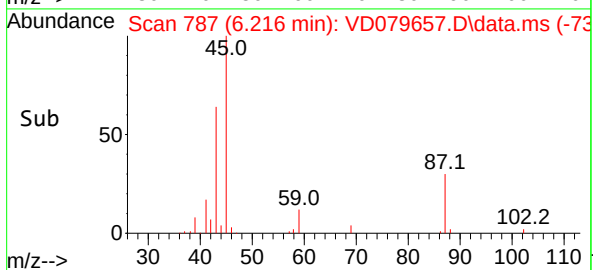


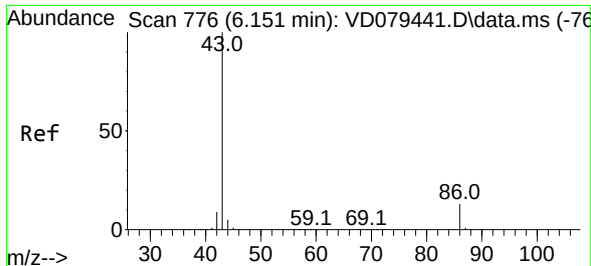
#22
Diisopropyl ether
Concen: 24.833 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57



Tgt Ion: 45 Resp: 138398

Ion	Ratio	Lower	Upper
45	100		
43	63.7	41.7	62.5#
87	29.6	30.2	45.2#
59	11.9	11.0	16.6

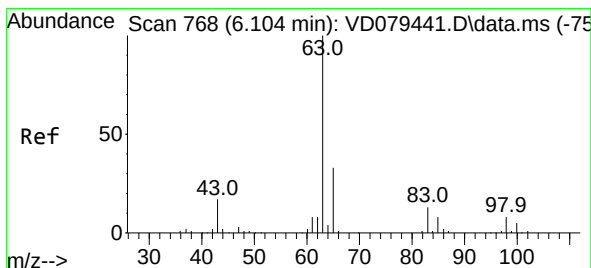
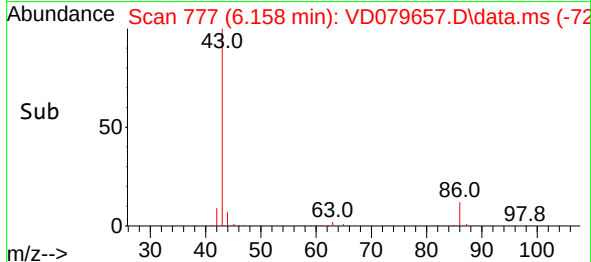
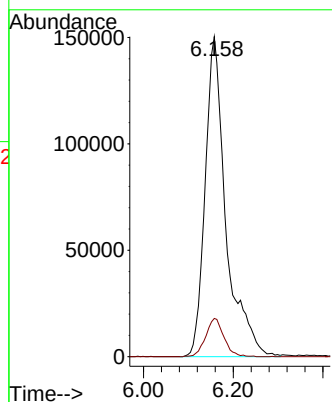
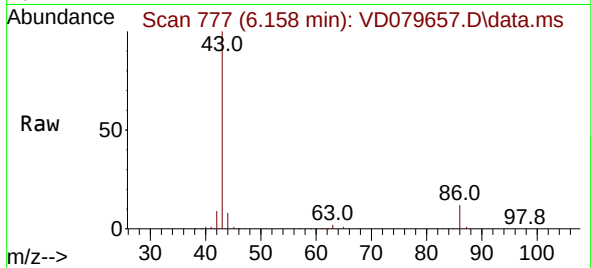




#23
 Vinyl Acetate
 Concen: 115.750 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079657.D
 Acq: 07 Aug 2024 23:57

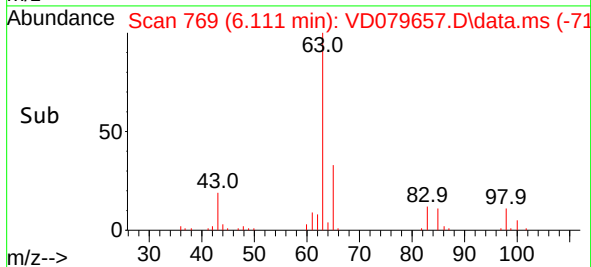
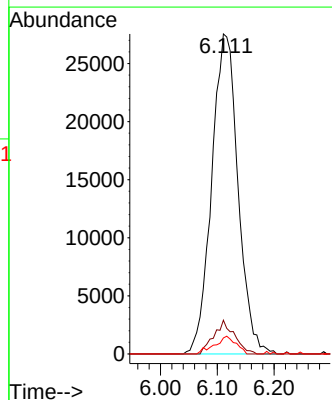
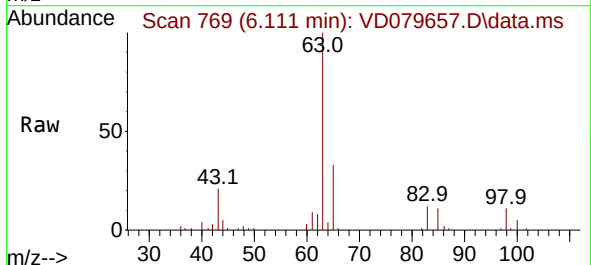
Instrument :
 MSVOA_D
 ClientSampleId :

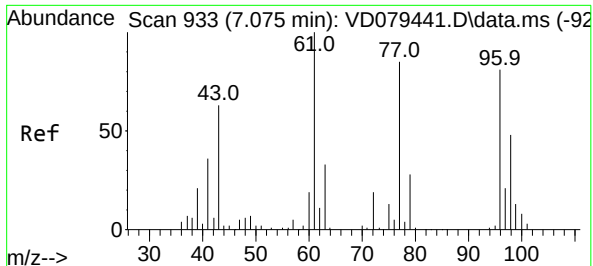
Tgt Ion: 43 Resp: 484936
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 23.759 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079657.D
 Acq: 07 Aug 2024 23:57

Tgt Ion: 63 Resp: 88737
 Ion Ratio Lower Upper
 63 100
 98 10.5 4.7 14.0
 100 5.0 2.9 8.6





#25

2-Butanone

Concen: 120.009 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

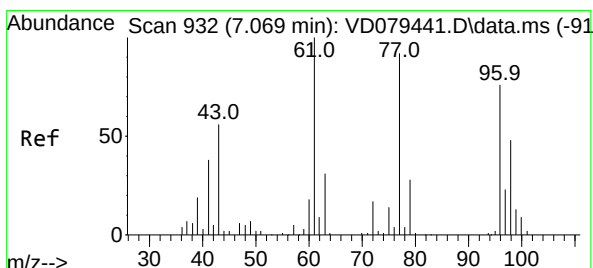
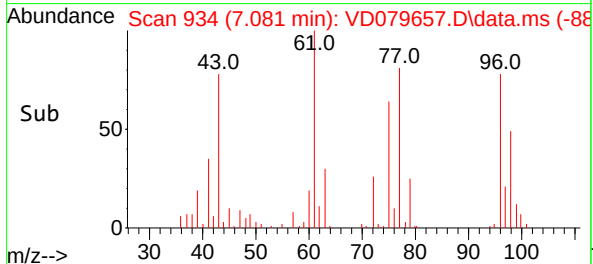
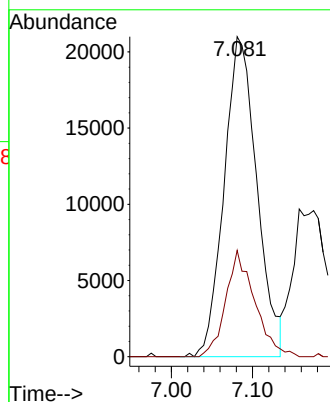
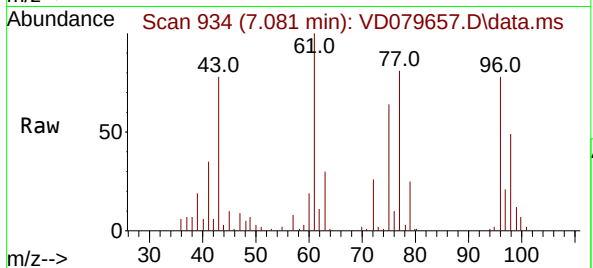
ClientSampleId :

Tgt Ion: 43 Resp: 58973

Ion Ratio Lower Upper

43 100

72 33.2 26.4 39.6



#26

2,2-Dichloropropane

Concen: 22.240 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079657.D

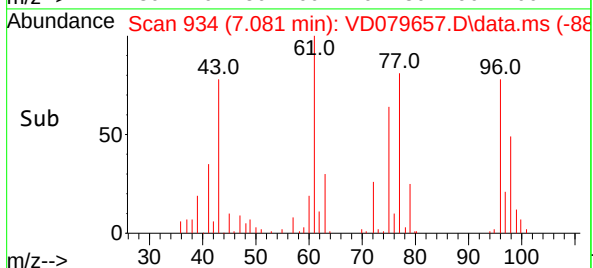
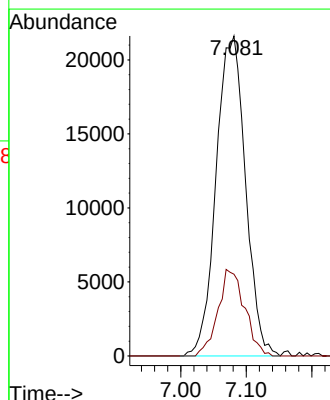
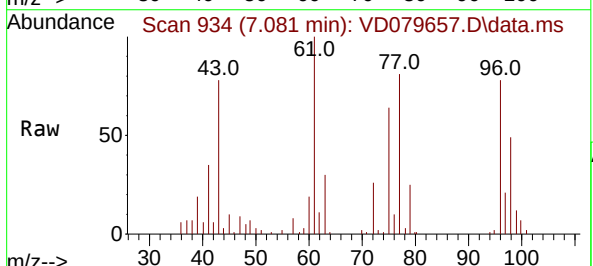
Acq: 07 Aug 2024 23:57

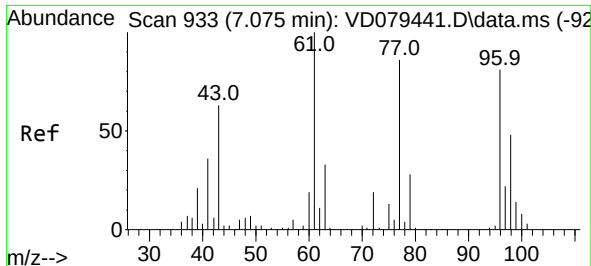
Tgt Ion: 77 Resp: 67187

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 22.682 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

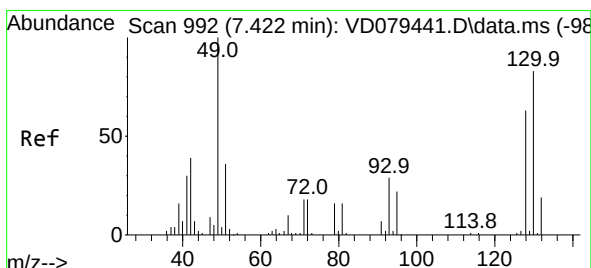
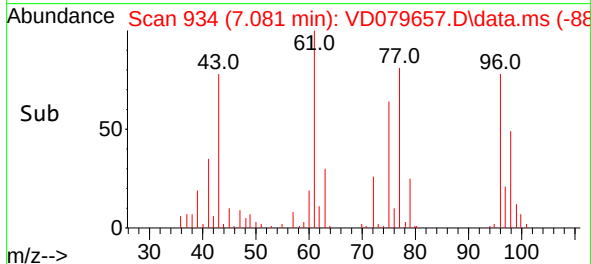
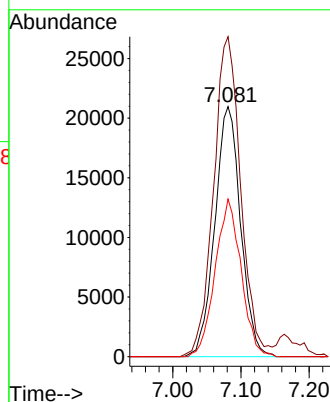
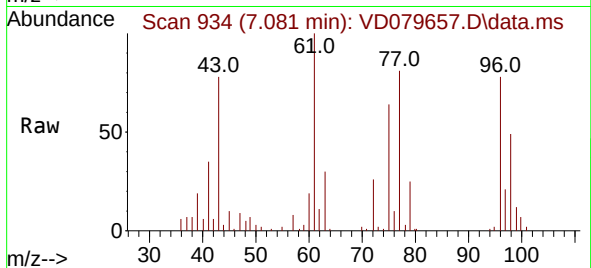
Tgt Ion: 96 Resp: 55248

Ion Ratio Lower Upper

96 100

61 134.8 0.0 229.0

98 63.2 0.0 127.2



#28

Bromochloromethane

Concen: 23.153 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.012 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

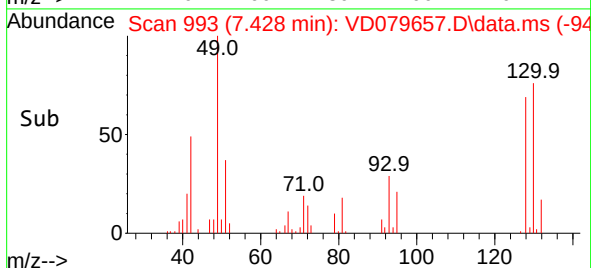
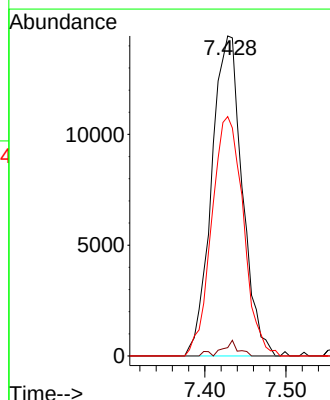
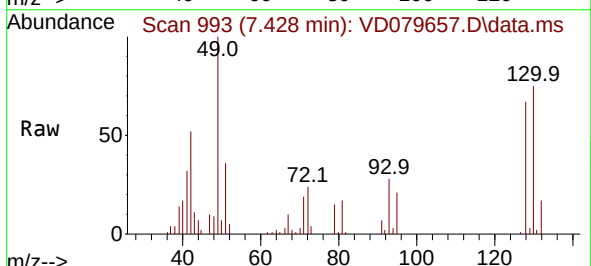
Tgt Ion: 49 Resp: 37919

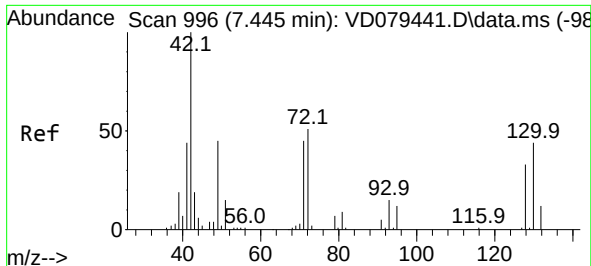
Ion Ratio Lower Upper

49 100

129 2.2 0.0 7.0

130 77.2 87.7 131.5#





#29

Tetrahydrofuran

Concen: 124.156 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

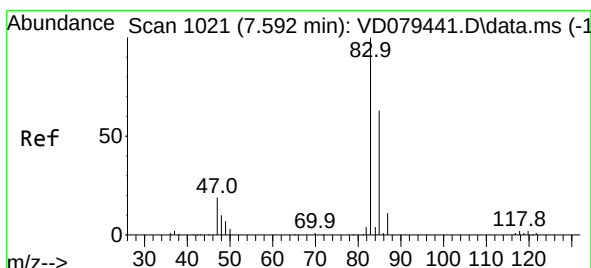
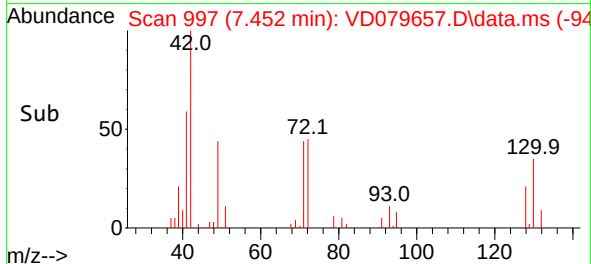
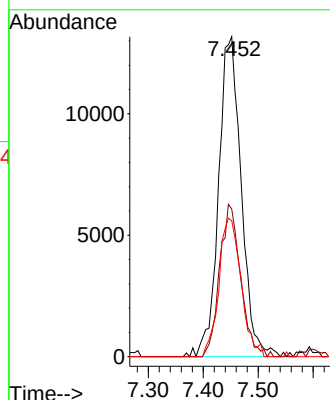
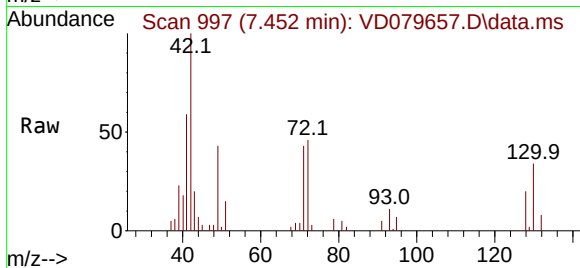
Tgt Ion: 42 Resp: 37810

Ion Ratio Lower Upper

42 100

72 44.1 49.4 74.0#

71 42.3 45.0 67.6#



#30

Chloroform

Concen: 23.828 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079657.D

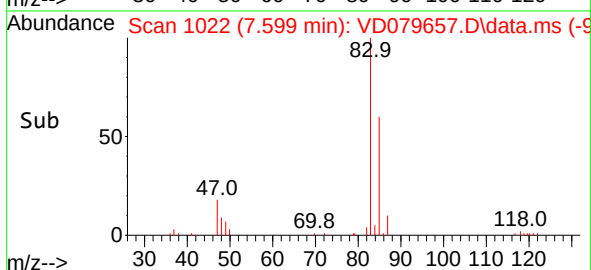
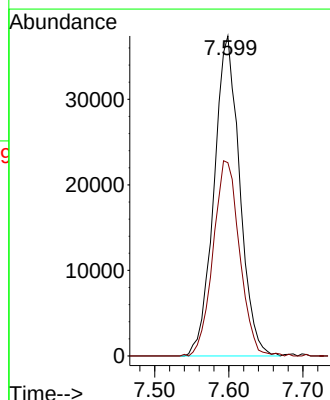
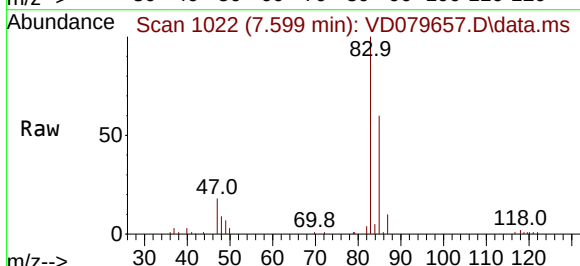
Acq: 07 Aug 2024 23:57

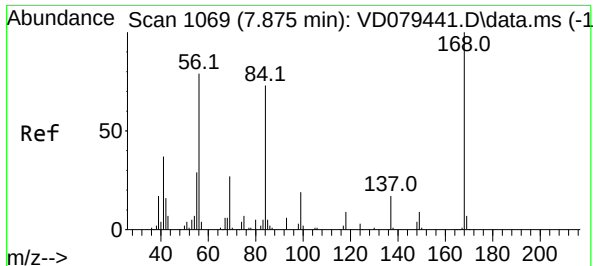
Tgt Ion: 83 Resp: 90124

Ion Ratio Lower Upper

83 100

85 60.4 51.8 77.6

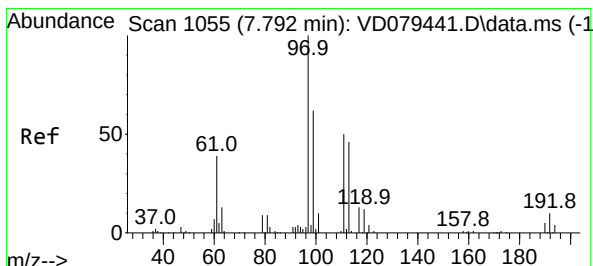
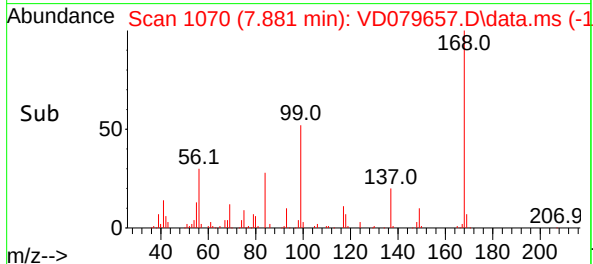
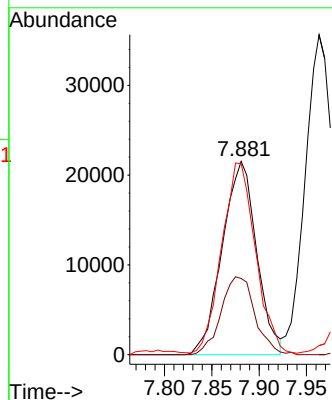
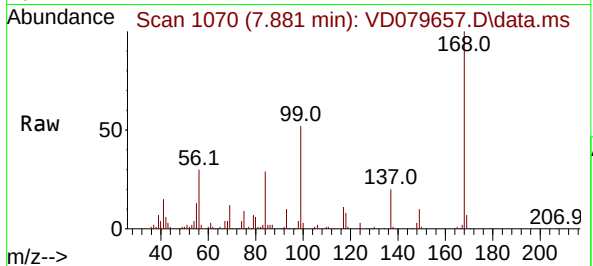




#31
Cyclohexane
Concen: 18.368 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

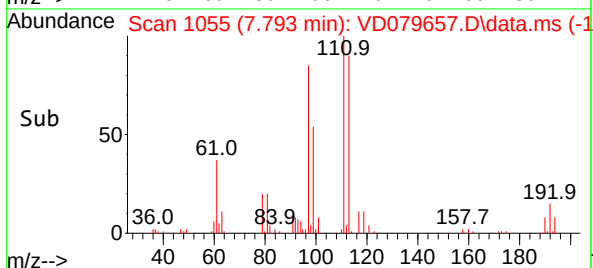
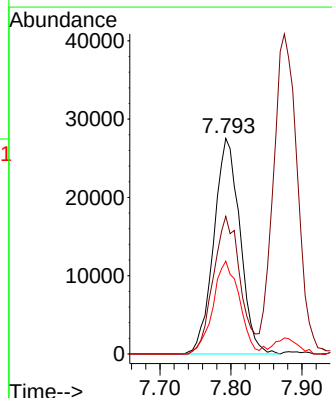
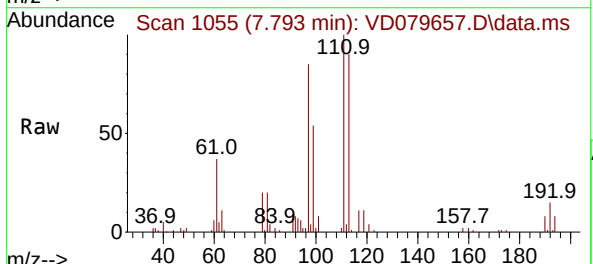
Instrument :
MSVOA_D
ClientSampleId :

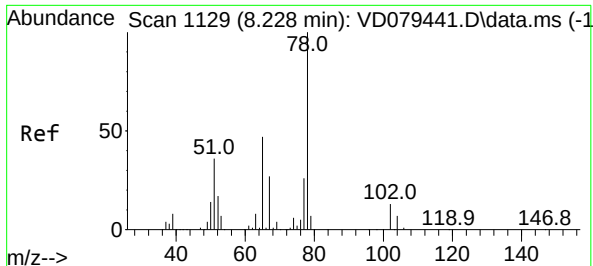
Tgt Ion: 56 Resp: 54407
Ion Ratio Lower Upper
56 100
69 39.4 28.0 42.0
84 97.7 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 22.542 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 97 Resp: 70354
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 43.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 57.013 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

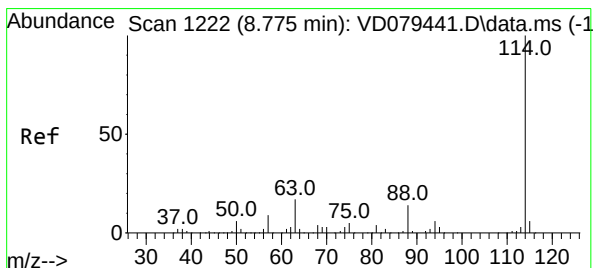
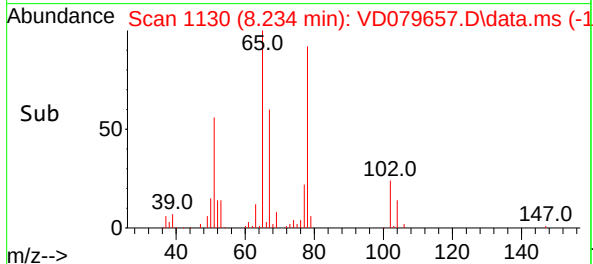
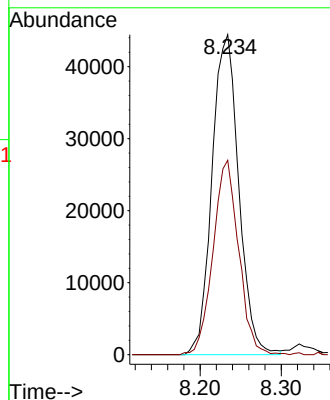
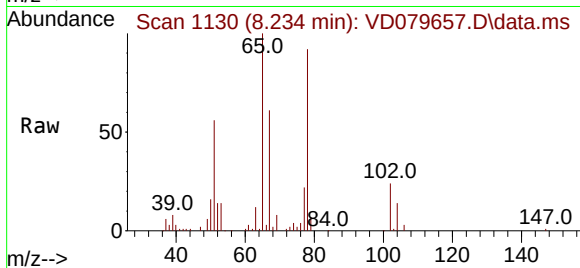
ClientSampleId :

Tgt Ion: 65 Resp: 101685

Ion Ratio Lower Upper

65 100

67 58.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

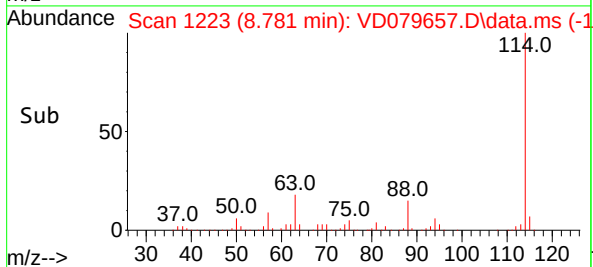
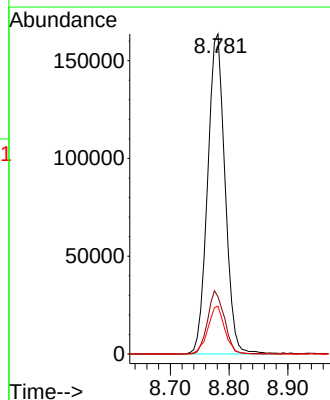
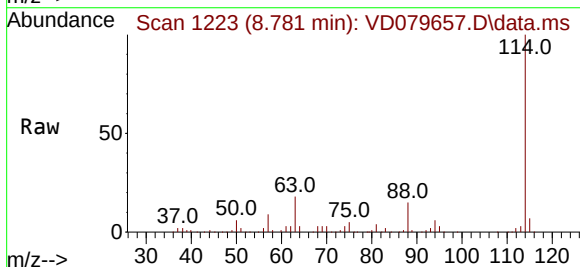
Tgt Ion: 114 Resp: 335377

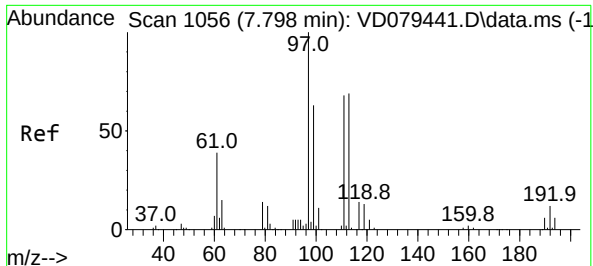
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.831 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

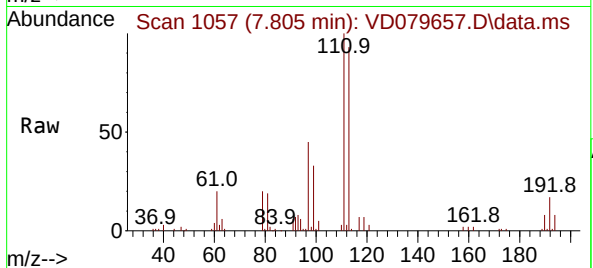
Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :



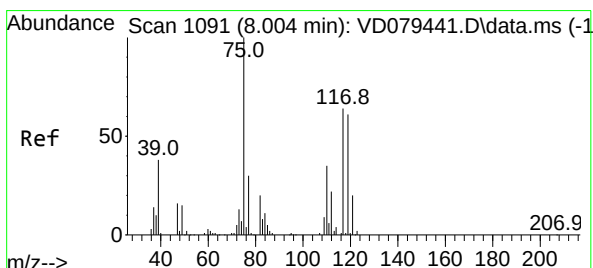
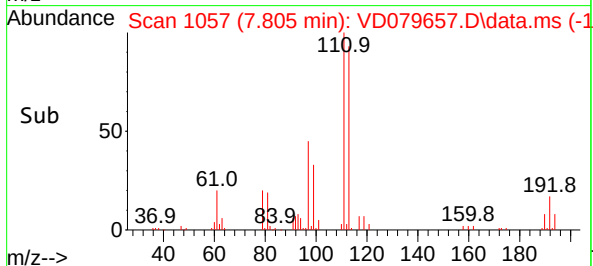
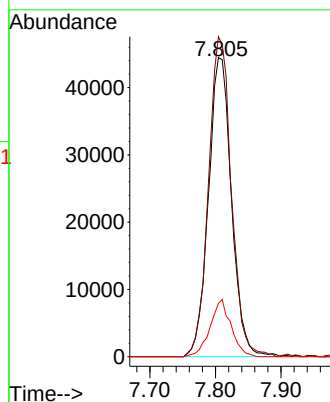
Tgt Ion:113 Resp: 108576

Ion Ratio Lower Upper

113 100

111 105.8 84.0 126.0

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 18.000 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

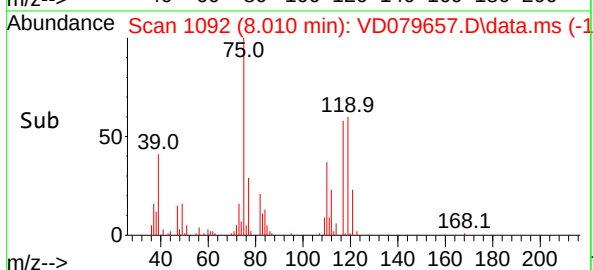
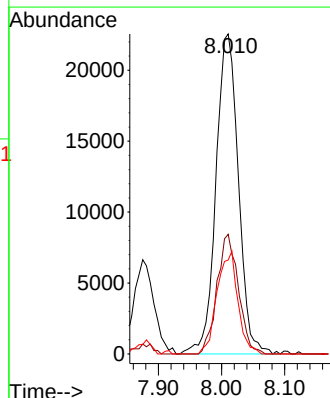
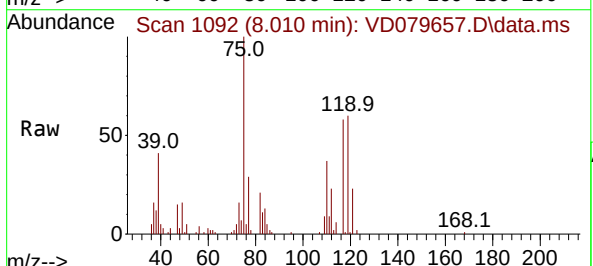
Tgt Ion: 75 Resp: 55770

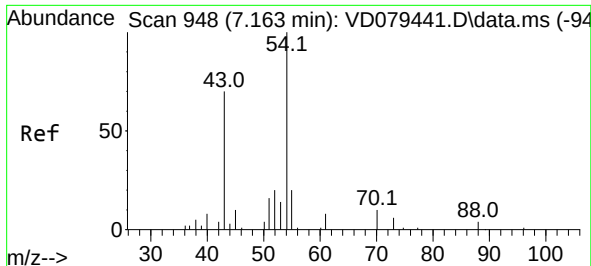
Ion Ratio Lower Upper

75 100

110 35.6 19.6 58.7

77 29.6 26.1 39.1

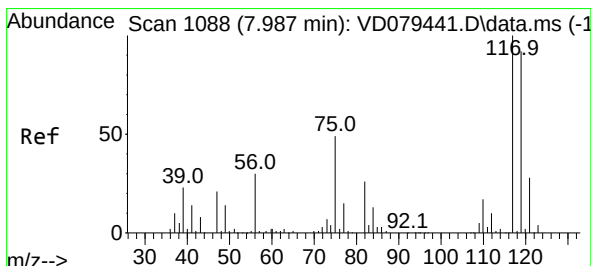
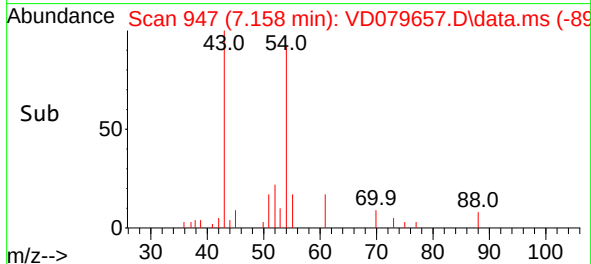
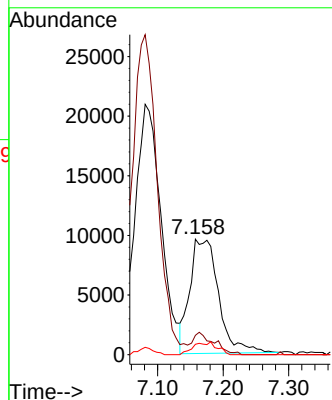
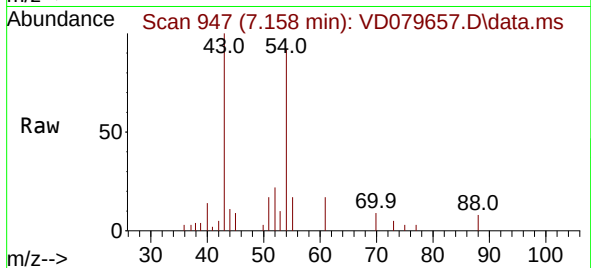




#37
Ethyl Acetate
Concen: 22.948 ug/l
RT: 7.158 min Scan# 948
Delta R.T. -0.018 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

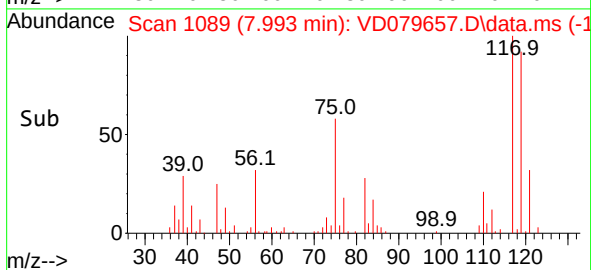
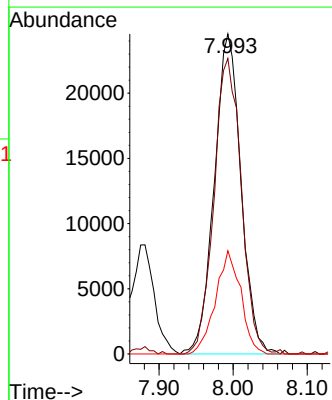
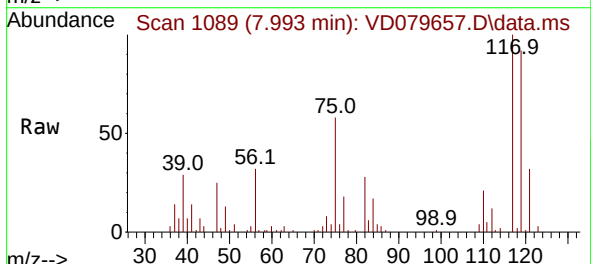
Instrument :
MSVOA_D
ClientSampleId :

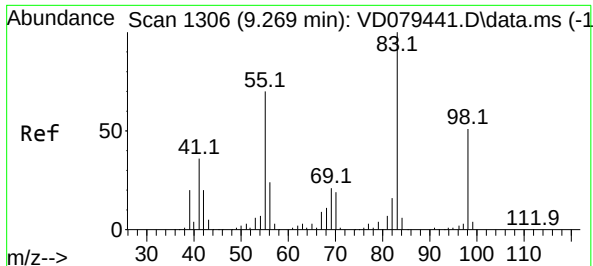
Tgt Ion: 43 Resp: 29151
Ion Ratio Lower Upper
43 100
61 14.5 13.9 20.9
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 18.855 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 117 Resp: 61410
Ion Ratio Lower Upper
117 100
119 92.3 75.4 113.0
121 32.3 25.0 37.4





#39

Methylcyclohexane

Concen: 15.166 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

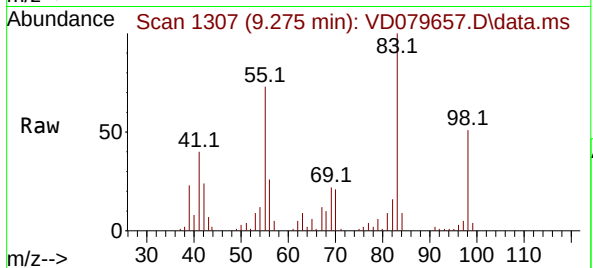
Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

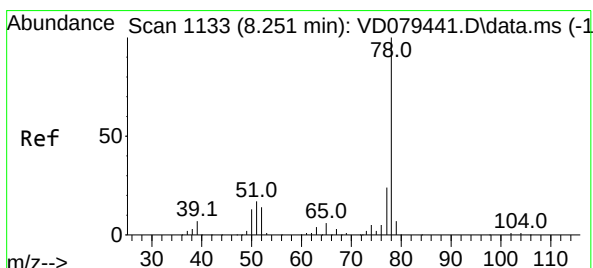
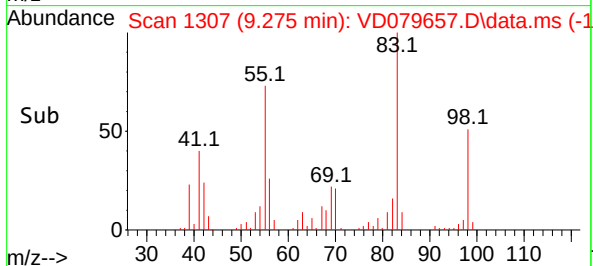
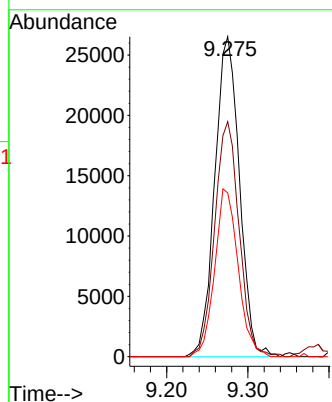
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 56066
Ion Ratio	Lower Upper
83	100
55	73.5 50.1 75.1
98	51.2 41.9 62.9



#40

Benzene

Concen: 19.879 ug/l

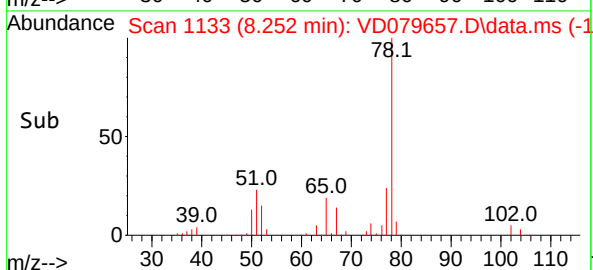
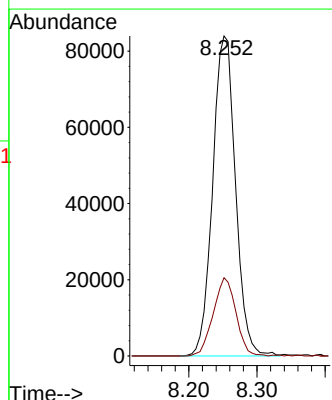
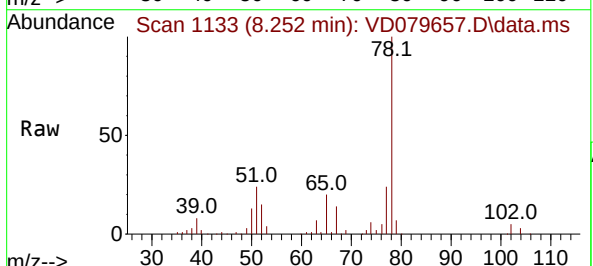
RT: 8.252 min Scan# 1133

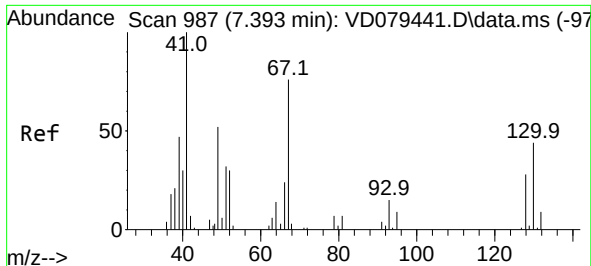
Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Tgt Ion: 78	Resp: 195624
Ion Ratio	Lower Upper
78	100
77	24.5 18.1 27.1

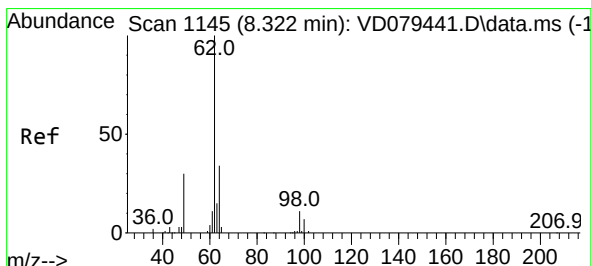
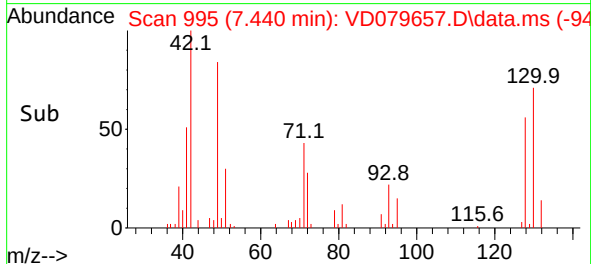
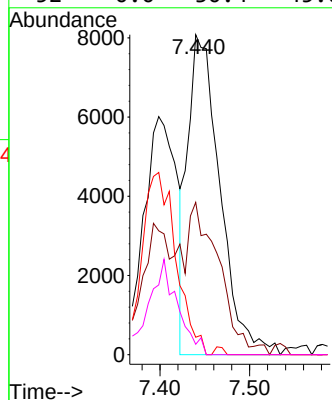
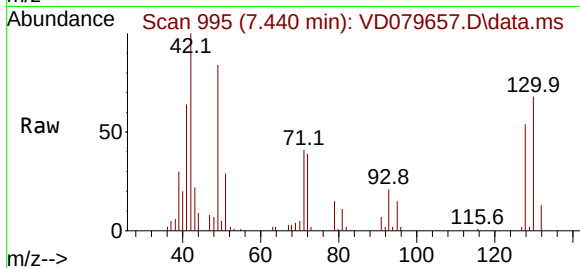




#41
Methacrylonitrile
Concen: 28.835 ug/l
RT: 7.440 min Scan# 91
Delta R.T. 0.023 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

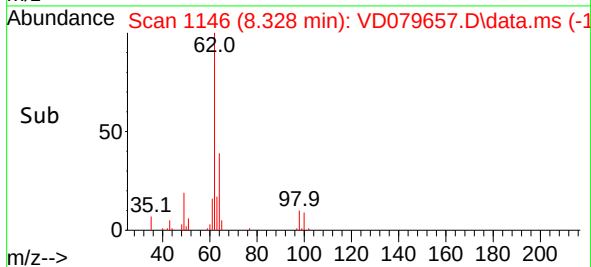
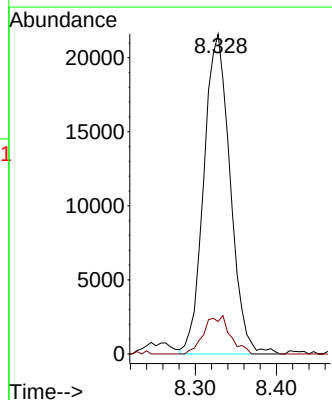
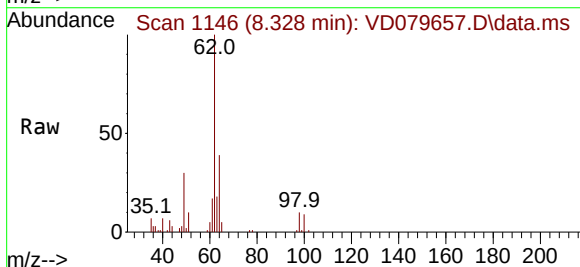
Instrument :
MSVOA_D
ClientSampleId :

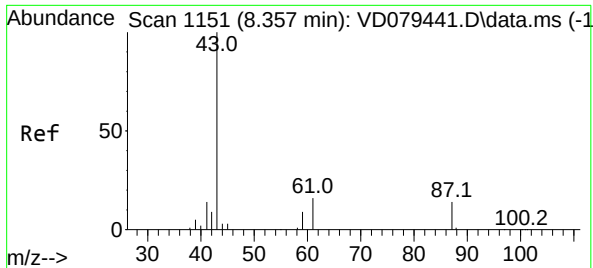
Tgt Ion: 41	Resp: 20148
Ion Ratio	Lower Upper
41 100	
39 44.1	41.4 62.0
67 0.0	85.8 128.6#
52 0.0	30.4 45.6#



#42
1,2-Dichloroethane
Concen: 20.737 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 62	Resp: 48628
Ion Ratio	Lower Upper
62 100	
98 11.8	0.0 25.8

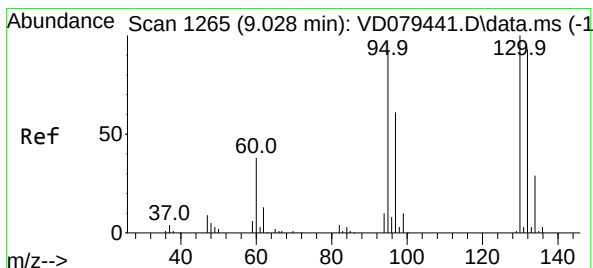
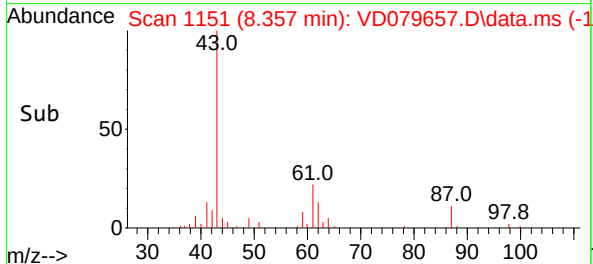
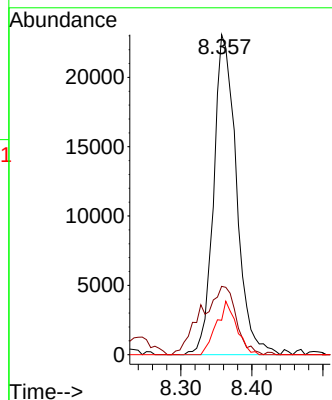
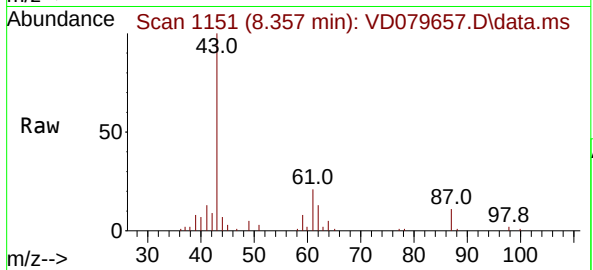




#43
Isopropyl Acetate
Concen: 21.522 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

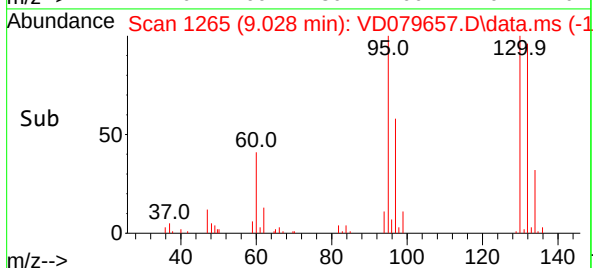
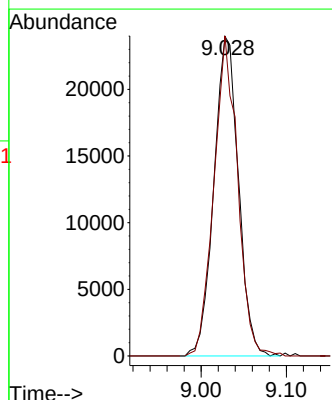
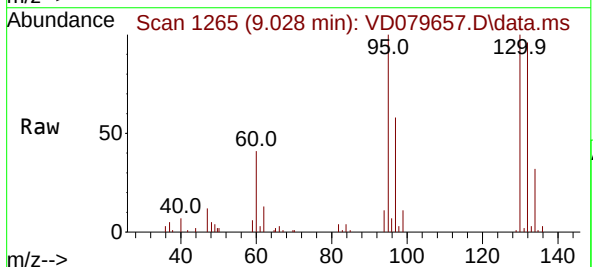
Instrument :
MSVOA_D
ClientSampleId :

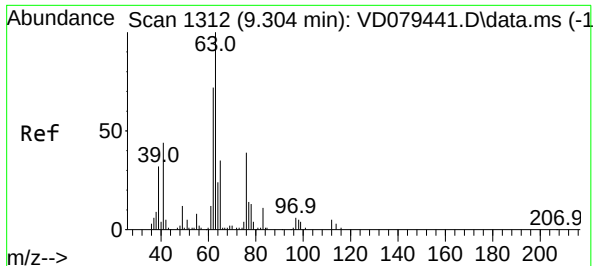
Tgt Ion: 43 Resp: 51382
Ion Ratio Lower Upper
43 100
61 32.5 29.3 43.9
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 19.616 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion:130 Resp: 48054
Ion Ratio Lower Upper
130 100
95 100.1 0.0 177.8

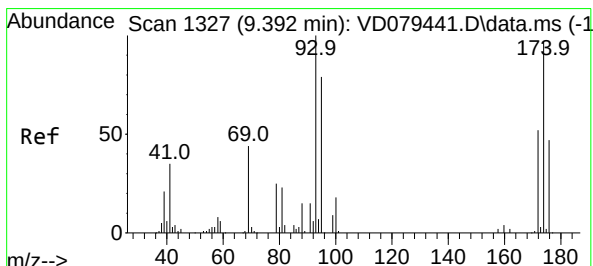
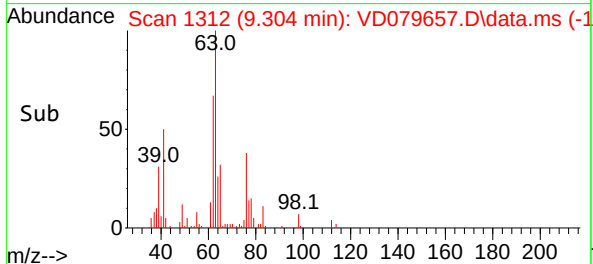
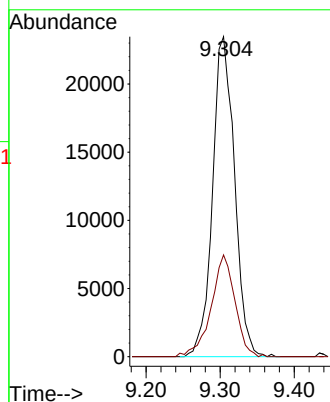
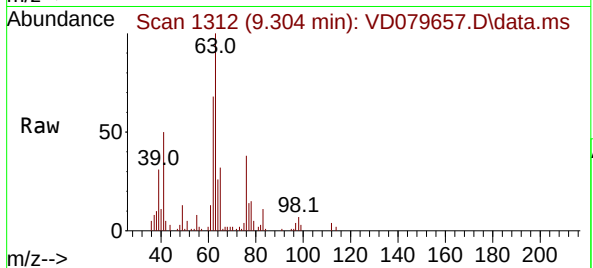




#45
1,2-Dichloropropane
Concen: 20.213 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

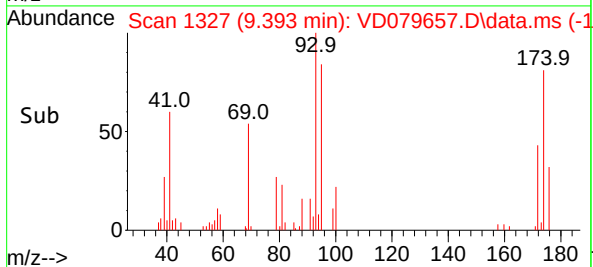
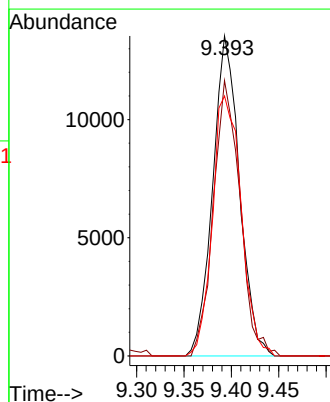
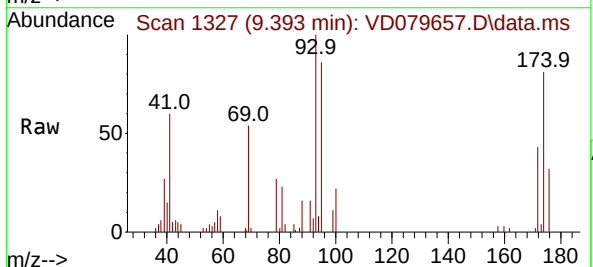
Instrument :
MSVOA_D
ClientSampleId :

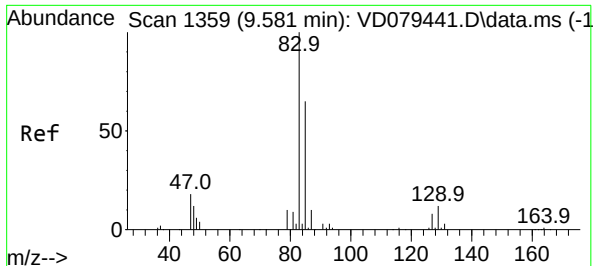
Tgt Ion: 63 Resp: 48407
Ion Ratio Lower Upper
63 100
65 31.8 23.8 35.8



#46
Dibromomethane
Concen: 20.080 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

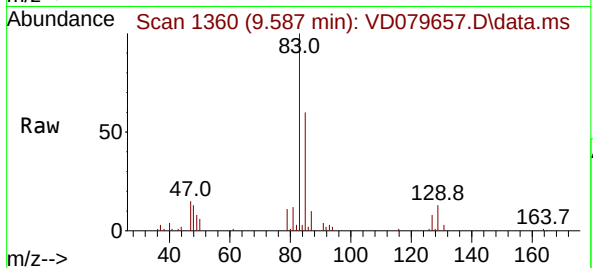
Tgt Ion: 93 Resp: 26659
Ion Ratio Lower Upper
93 100
95 85.4 65.6 98.4
174 87.0 82.3 123.5



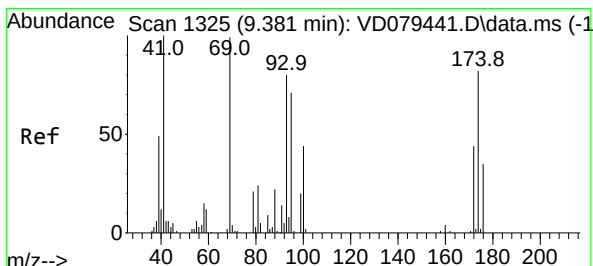
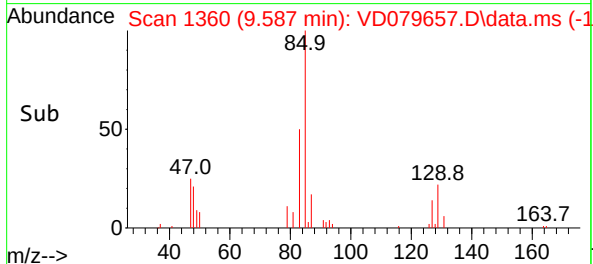
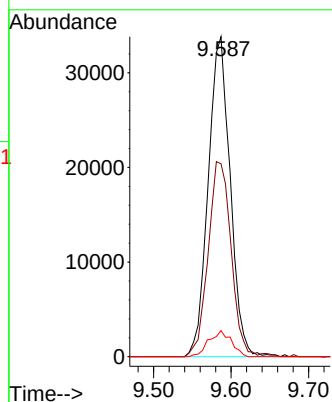


#47
Bromodichloromethane
Concen: 20.416 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Instrument :
MSVOA_D
ClientSampleId :

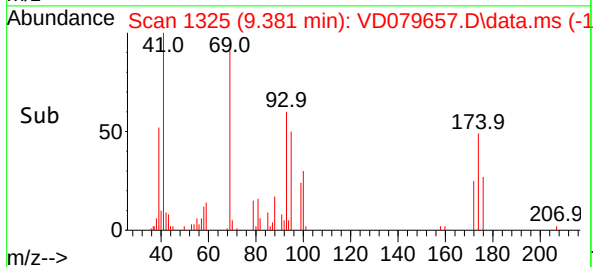
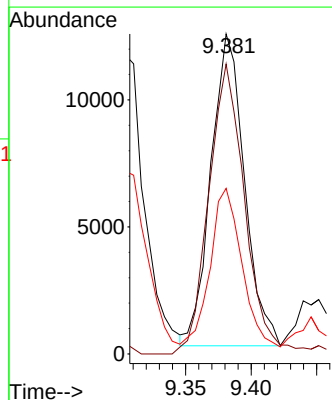
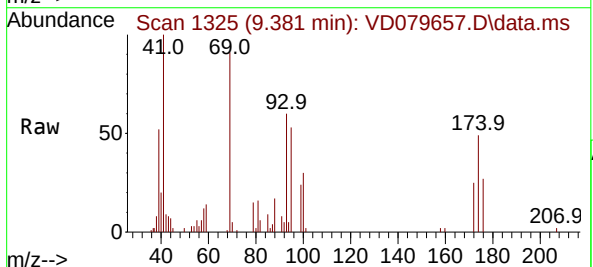


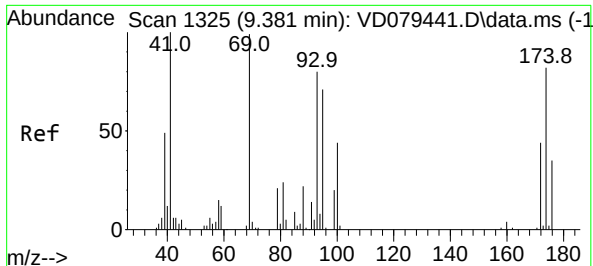
Tgt Ion: 83 Resp: 66554
Ion Ratio Lower Upper
83 100
85 60.3 50.1 75.1
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 20.443 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 41 Resp: 21842
Ion Ratio Lower Upper
41 100
69 99.7 96.7 145.1
39 50.7 43.8 65.6





#49

1,4-Dioxane

Concen: 380.033 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

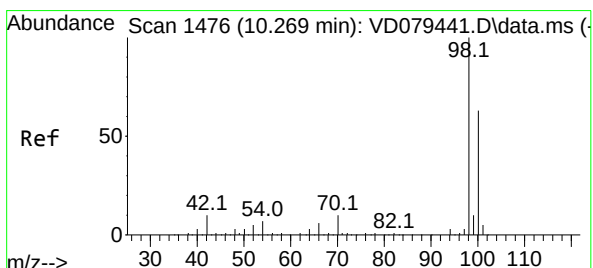
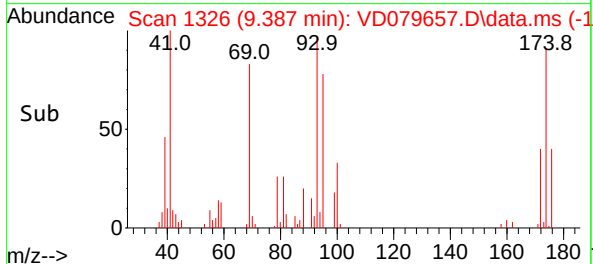
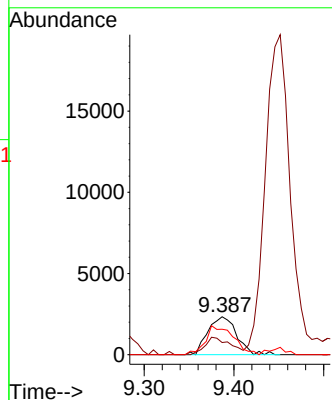
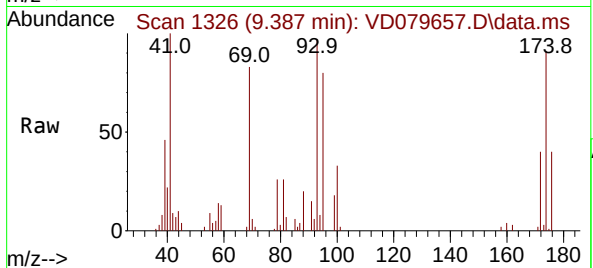
Tgt Ion: 88 Resp: 5228

Ion Ratio Lower Upper

88 100

43 40.3 21.5 32.3#

58 73.7 42.2 63.4#



#50

Toluene-d8

Concen: 48.348 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079657.D

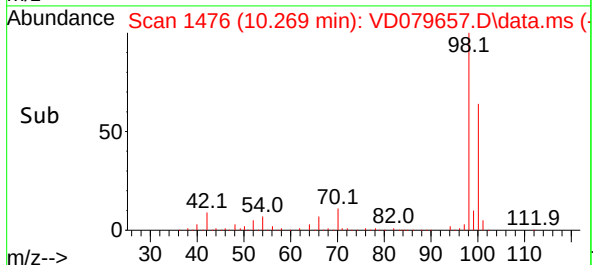
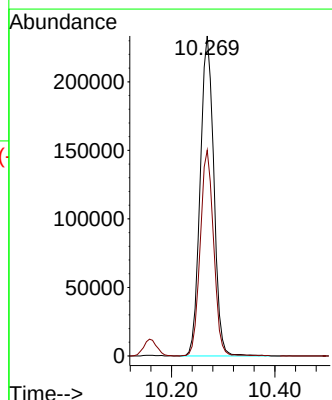
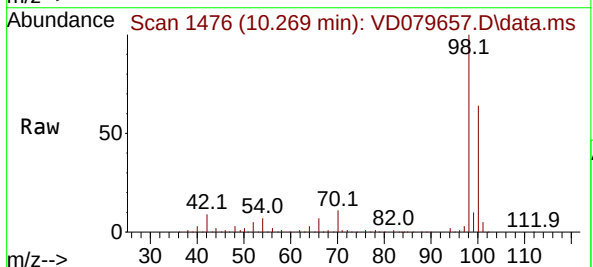
Acq: 07 Aug 2024 23:57

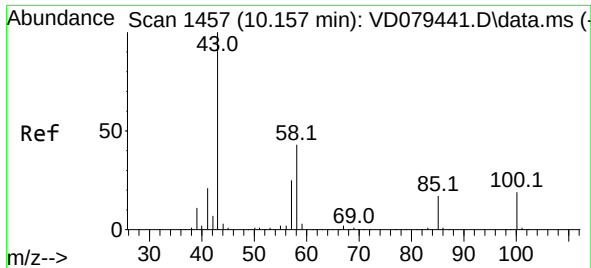
Tgt Ion: 98 Resp: 426195

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4

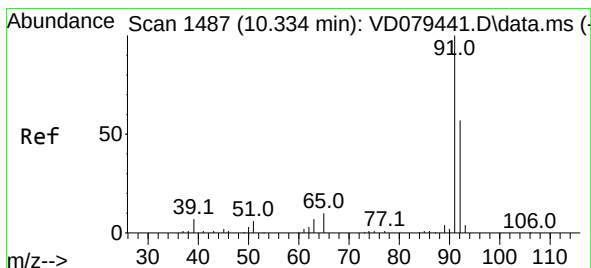
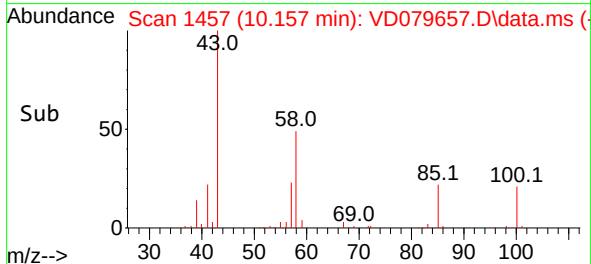
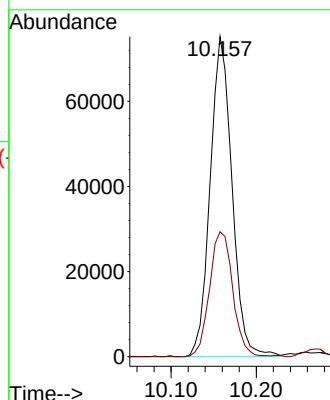
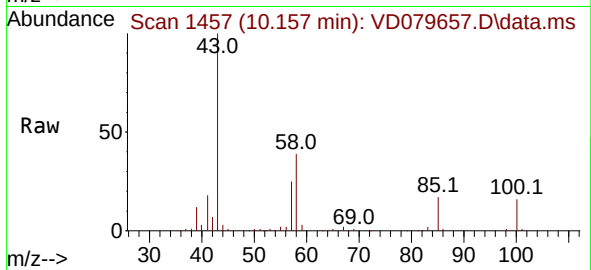




#51
4-Methyl-2-Pentanone
Concen: 110.216 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

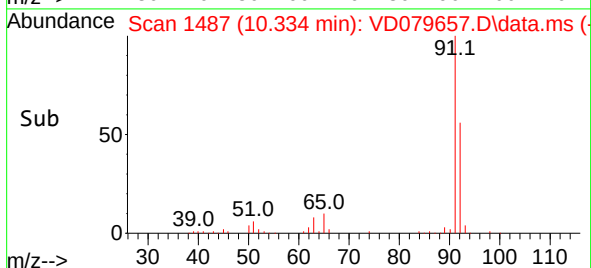
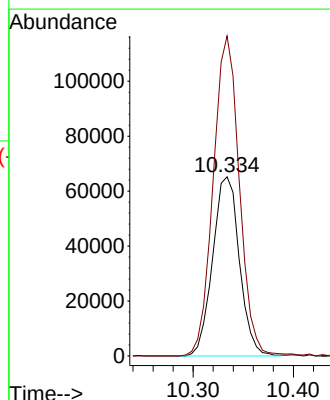
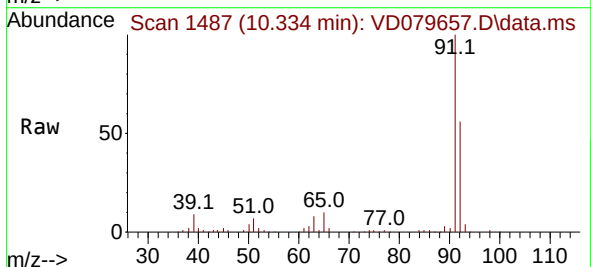
Instrument :
MSVOA_D
ClientSampleId :

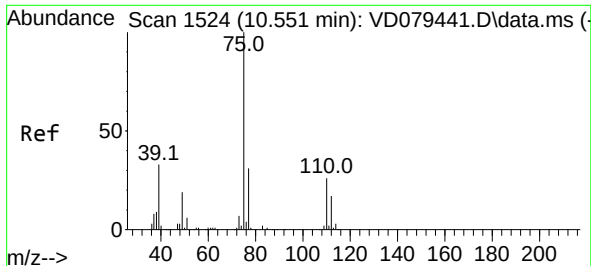
Tgt Ion: 43 Resp: 134343
Ion Ratio Lower Upper
43 100
58 41.6 36.6 55.0



#52
Toluene
Concen: 19.849 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 92 Resp: 120805
Ion Ratio Lower Upper
92 100
91 174.8 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 19.658 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

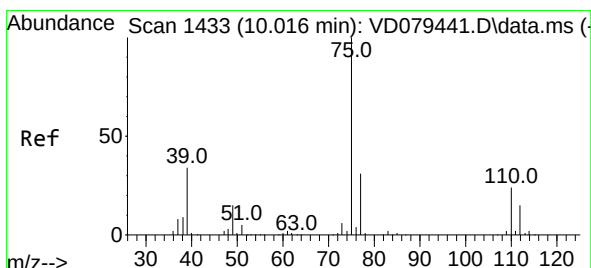
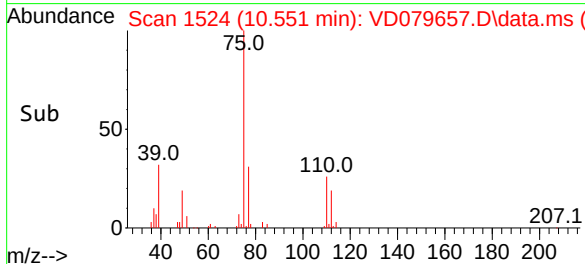
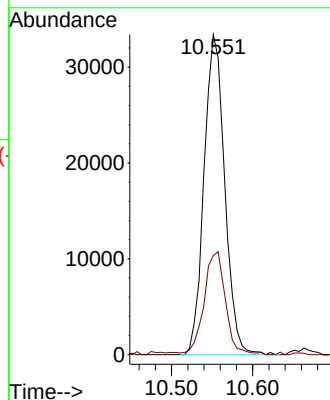
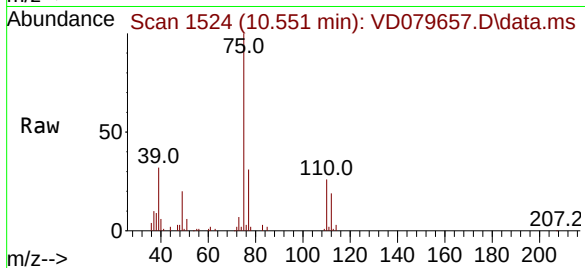
ClientSampleId :

Tgt Ion: 75 Resp: 59178

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.620 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

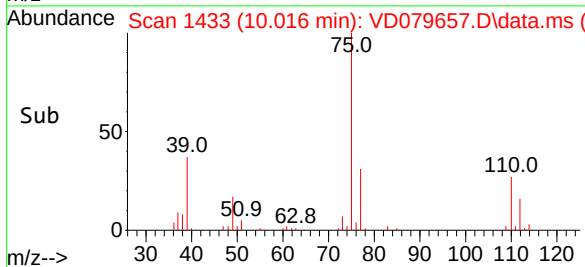
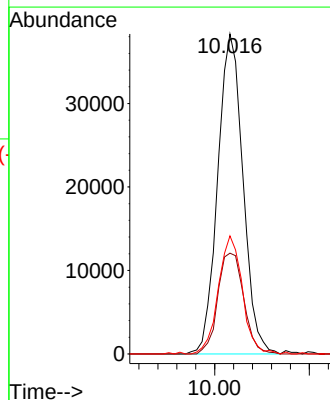
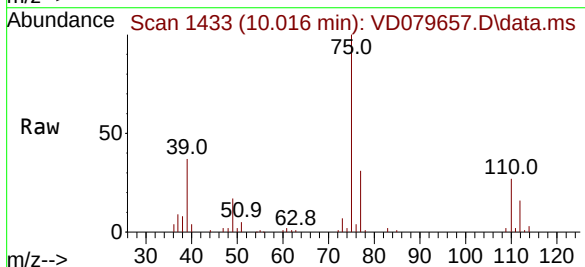
Tgt Ion: 75 Resp: 71046

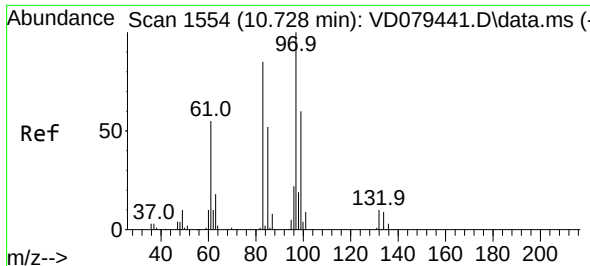
Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6

39 36.9 24.2 36.2#

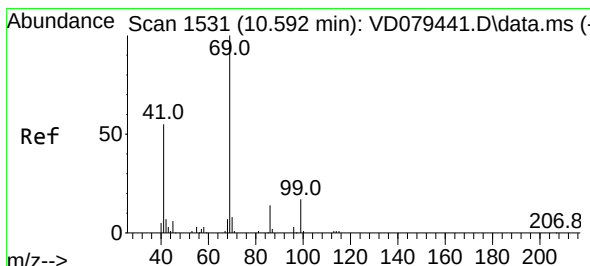
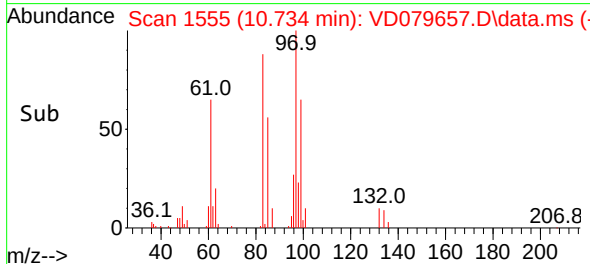
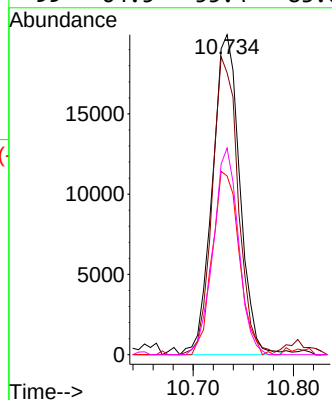
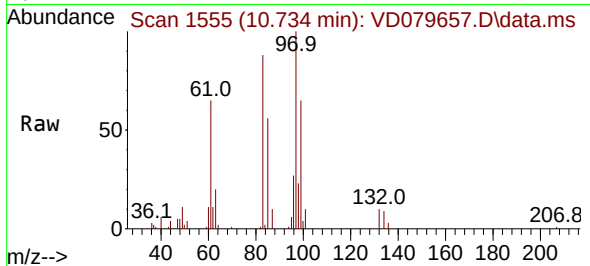




#55
1,1,2-Trichloroethane
Concen: 21.554 ug/l
RT: 10.734 min Scan# 1554
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

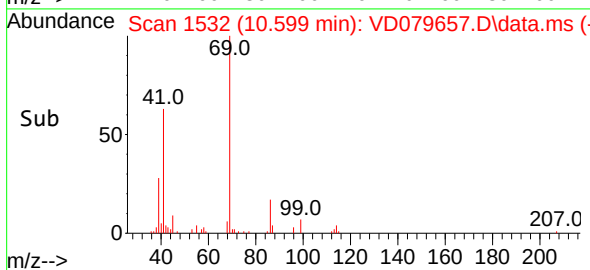
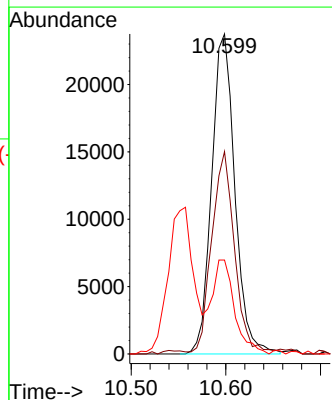
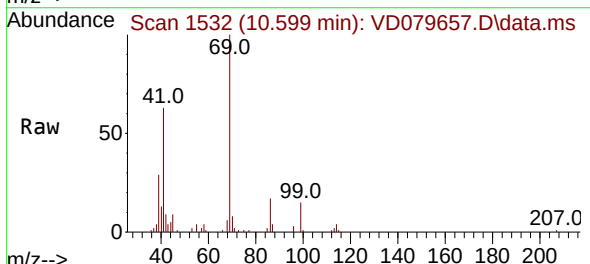
Instrument :
MSVOA_D
ClientSampleId :

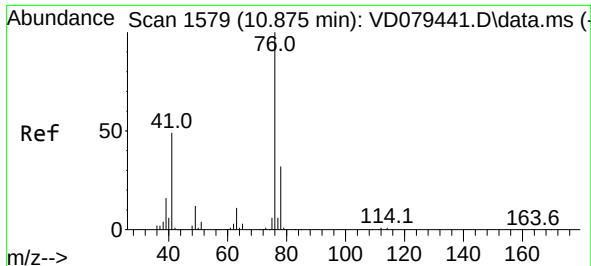
Tgt Ion:	97	Resp:	37696
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.8	98.8
85	55.9	43.8	65.8
99	64.5	55.4	83.0



#56
Ethyl methacrylate
Concen: 19.512 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion:	69	Resp:	40432
Ion	Ratio	Lower	Upper
69	100		
41	60.3	39.8	59.6#
39	29.3	20.2	30.4





#57

1,3-Dichloropropane

Concen: 21.101 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

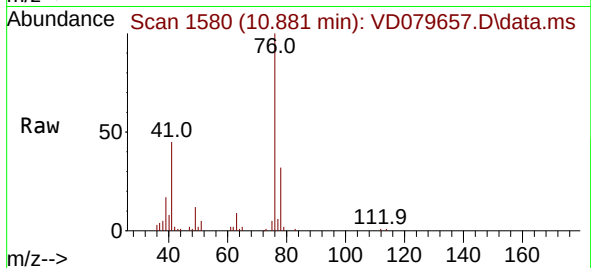
Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

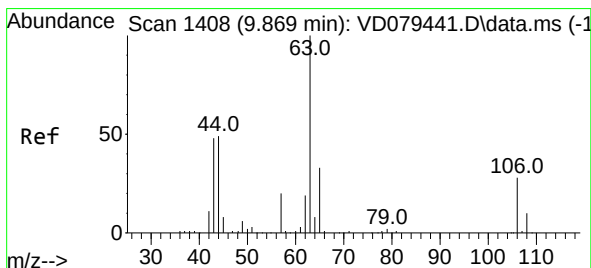
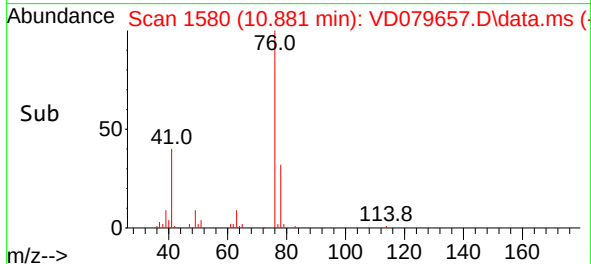
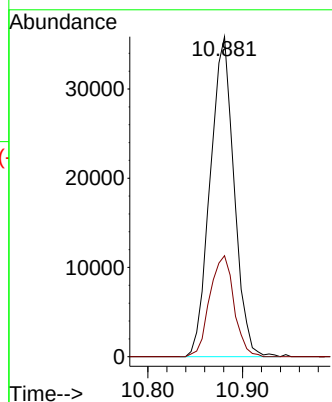


Tgt Ion: 76 Resp: 62710

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 93.352 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079657.D

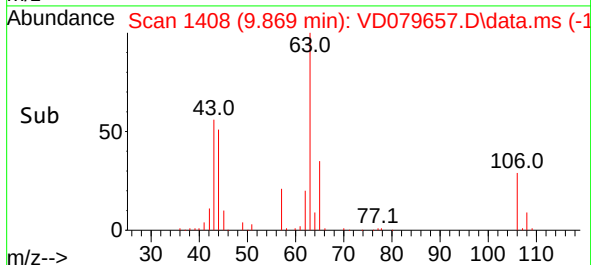
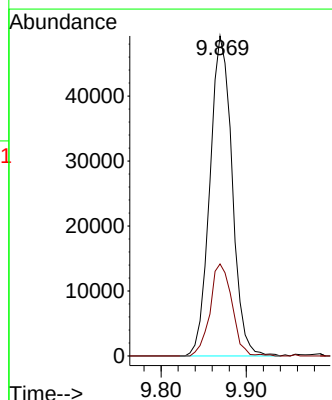
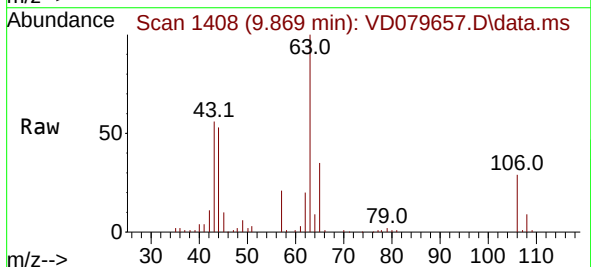
Acq: 07 Aug 2024 23:57

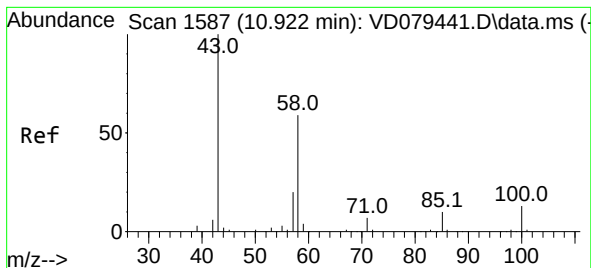
Tgt Ion: 63 Resp: 89211

Ion Ratio Lower Upper

63 100

106 28.4 26.4 39.6





#59

2-Hexanone

Concen: 107.645 ug/l

RT: 10.922 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

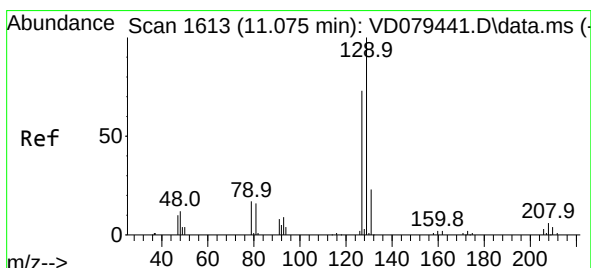
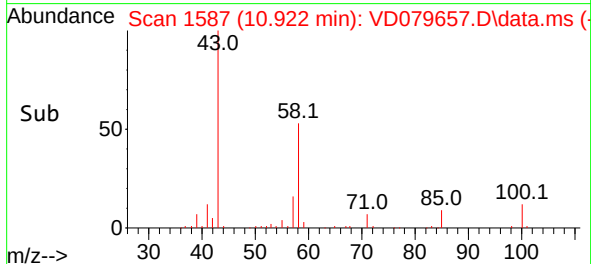
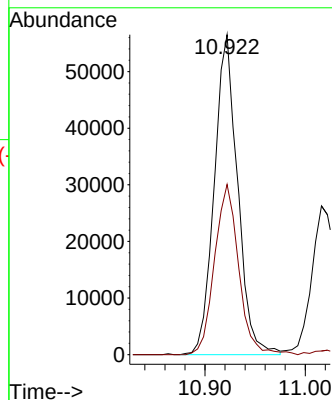
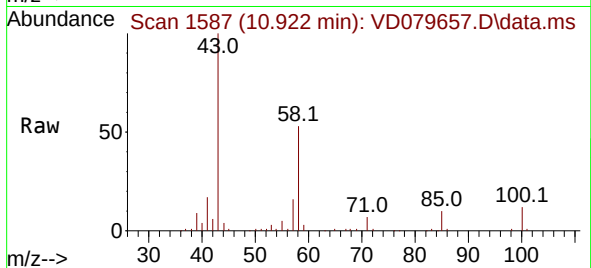
ClientSampleId :

Tgt Ion: 43 Resp: 91508

Ion Ratio Lower Upper

43 100

58 55.0 31.1 93.5



#60

Dibromochloromethane

Concen: 20.231 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079657.D

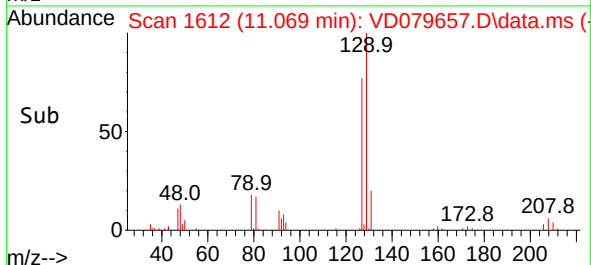
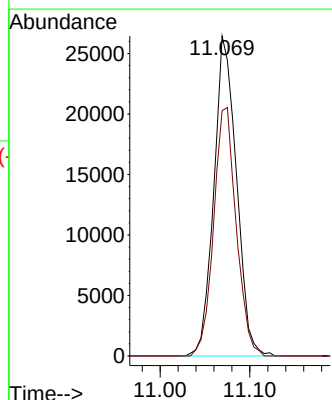
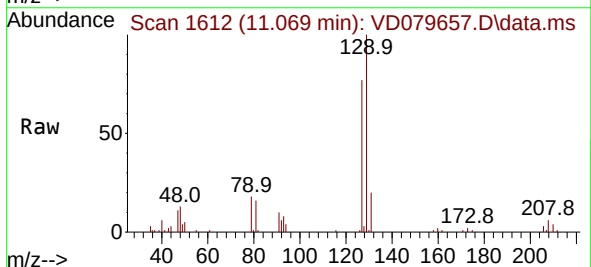
Acq: 07 Aug 2024 23:57

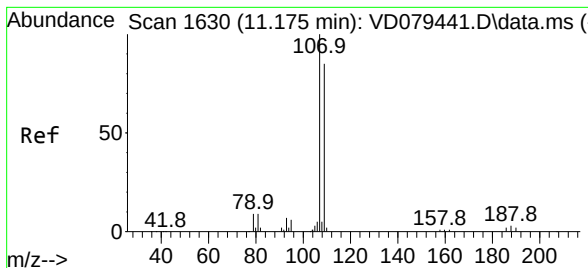
Tgt Ion: 129 Resp: 46221

Ion Ratio Lower Upper

129 100

127 77.5 38.0 113.9

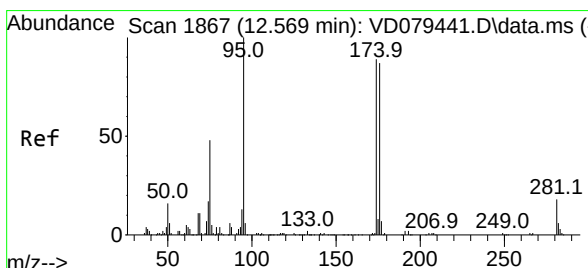
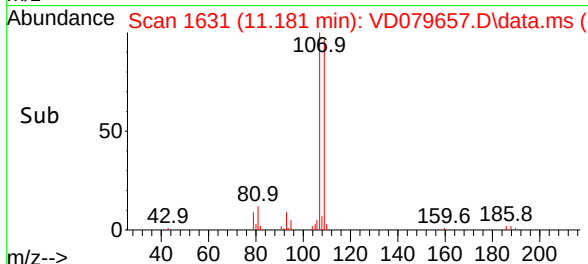
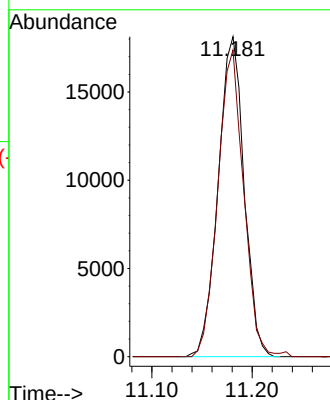
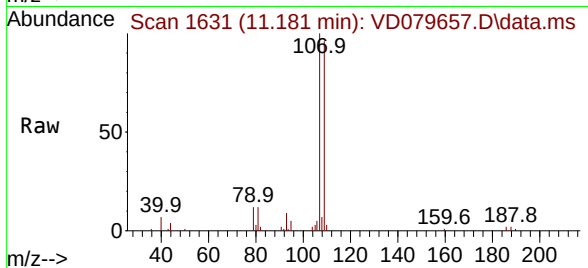




#61
1,2-Dibromoethane
Concen: 19.878 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

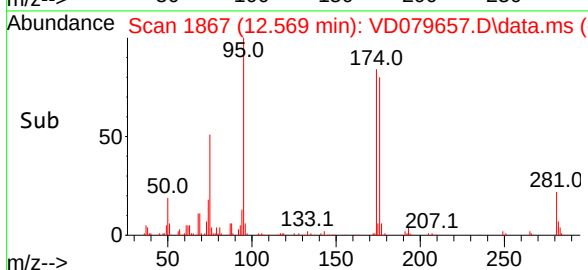
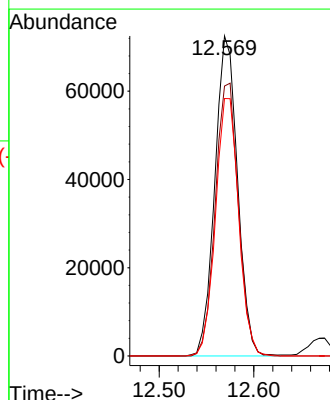
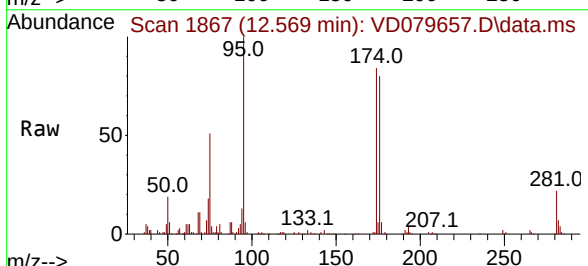
Instrument :
MSVOA_D
ClientSampleId :

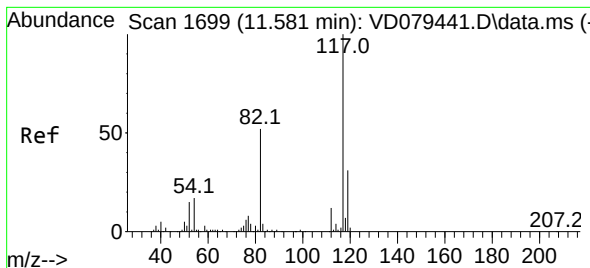
Tgt Ion:107 Resp: 32568
Ion Ratio Lower Upper
107 100
109 95.4 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 47.360 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 95 Resp: 120812
Ion Ratio Lower Upper
95 100
174 86.8 0.0 195.4
176 82.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

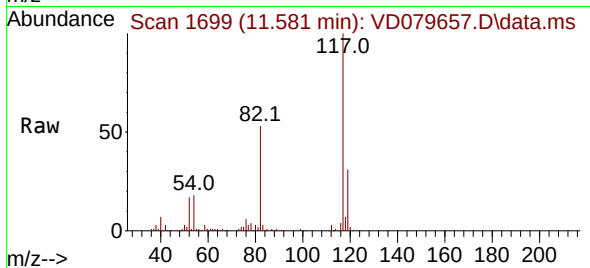
Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :



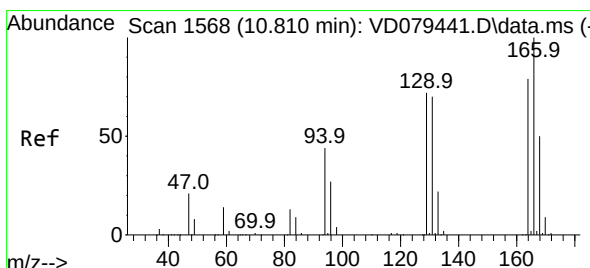
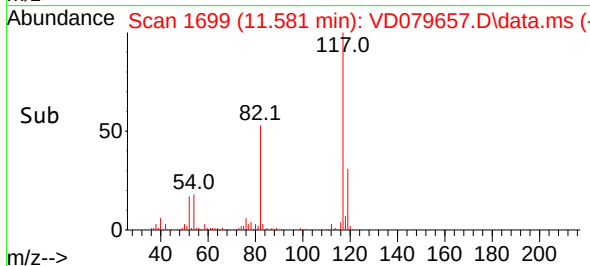
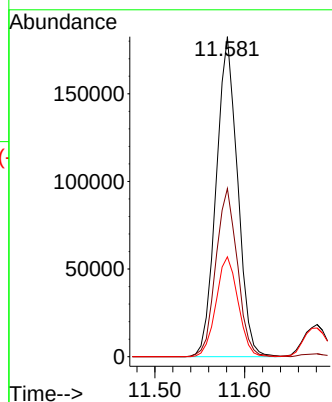
Tgt Ion:117 Resp: 302128

Ion Ratio Lower Upper

117 100

82 52.6 39.8 59.6

119 31.2 25.7 38.5



#64

Tetrachloroethene

Concen: 17.637 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Tgt Ion:164 Resp: 35931

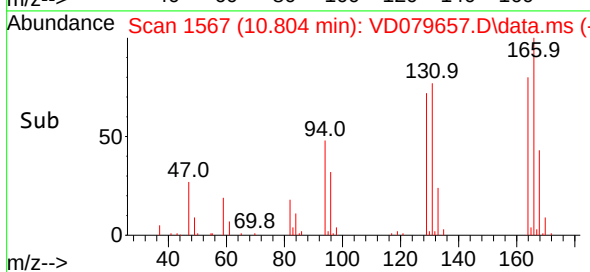
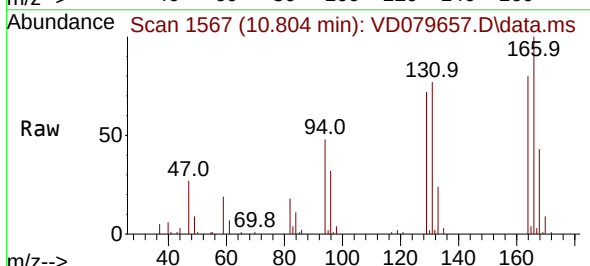
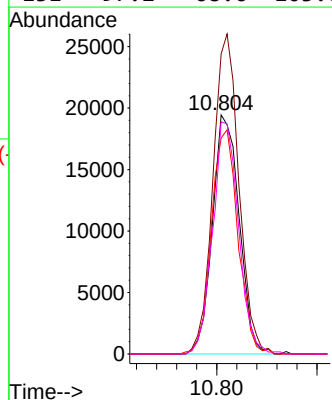
Ion Ratio Lower Upper

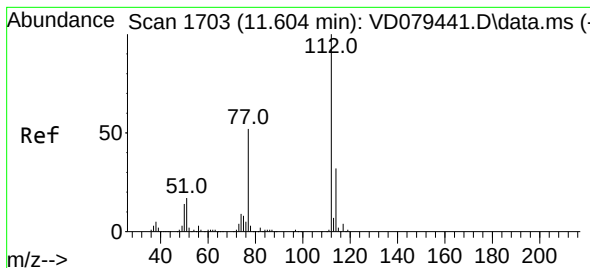
164 100

166 125.6 108.6 163.0

129 90.4 74.6 112.0

131 97.2 68.6 103.0





#65

Chlorobenzene

Concen: 19.814 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

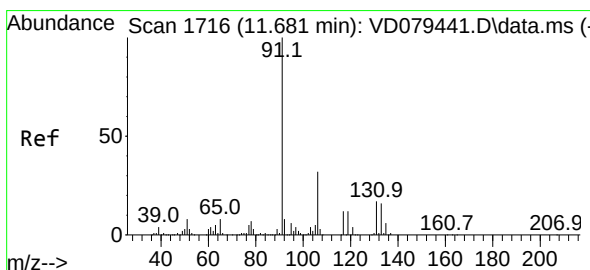
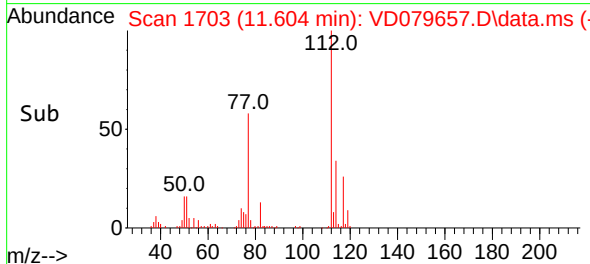
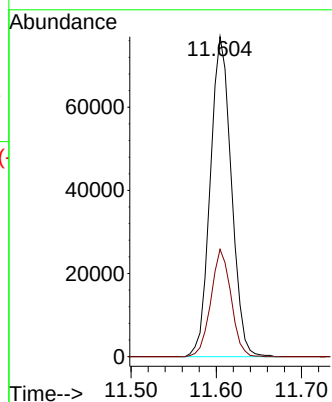
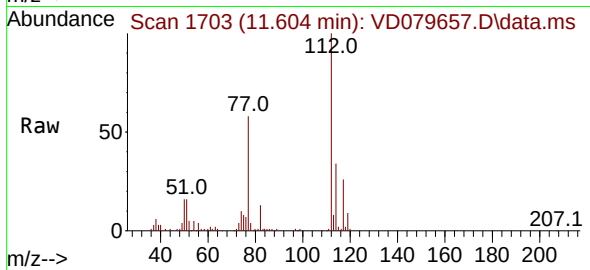
ClientSampleId :

Tgt Ion:112 Resp: 132560

Ion Ratio Lower Upper

112 100

114 33.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.452 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

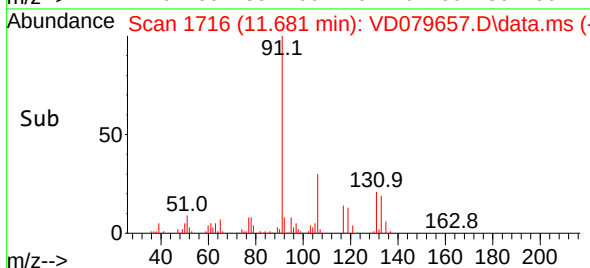
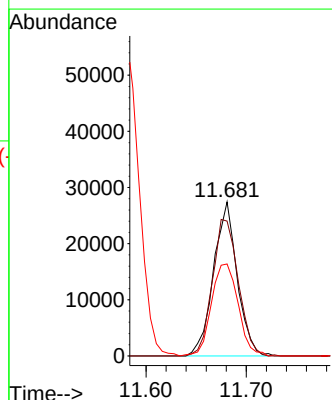
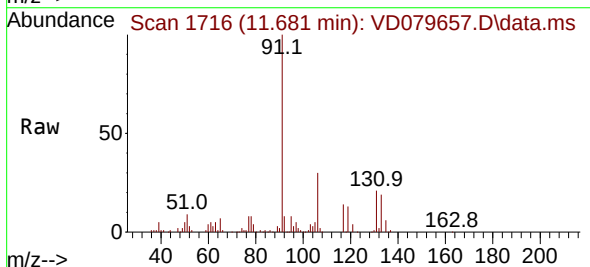
Tgt Ion:131 Resp: 45018

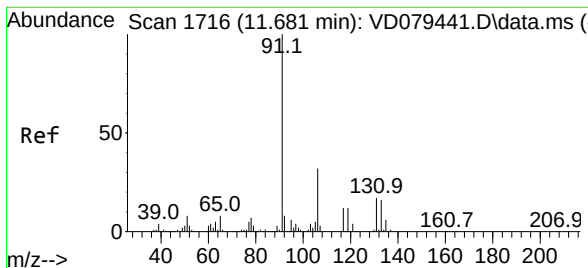
Ion Ratio Lower Upper

131 100

133 97.0 49.2 147.6

119 67.3 33.4 100.2





#67

Ethyl Benzene

Concen: 19.660 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

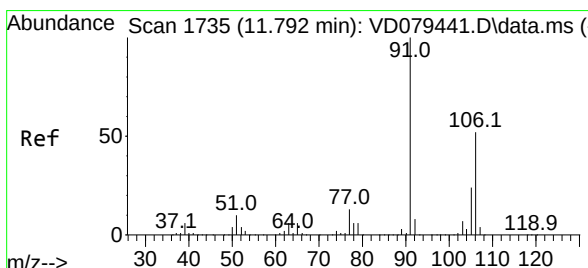
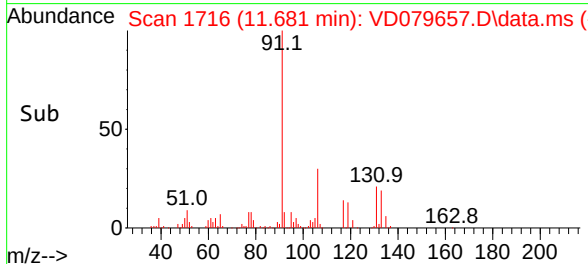
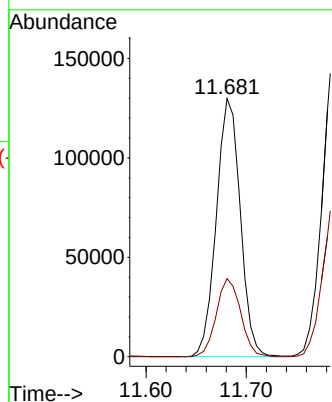
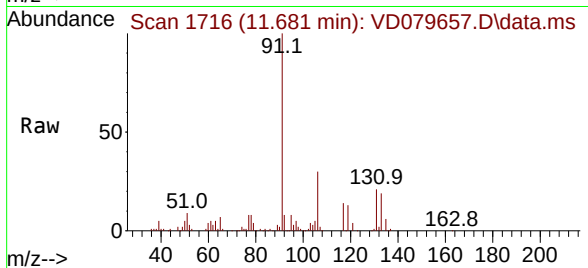
ClientSampleId :

Tgt Ion: 91 Resp: 215328

Ion Ratio Lower Upper

91 100

106 30.2 25.8 38.6



#68

m/p-Xylenes

Concen: 39.418 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079657.D

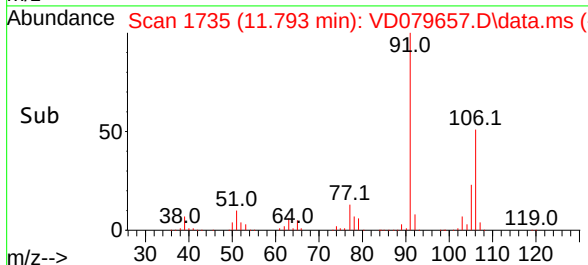
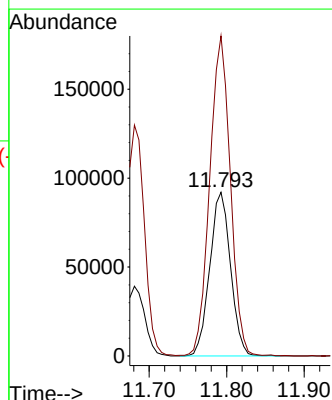
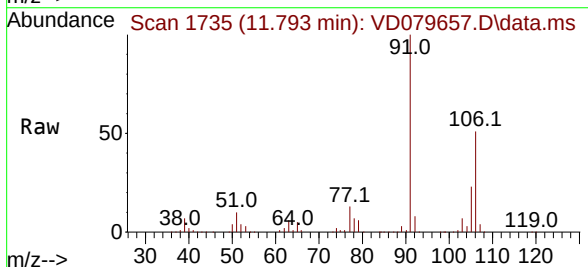
Acq: 07 Aug 2024 23:57

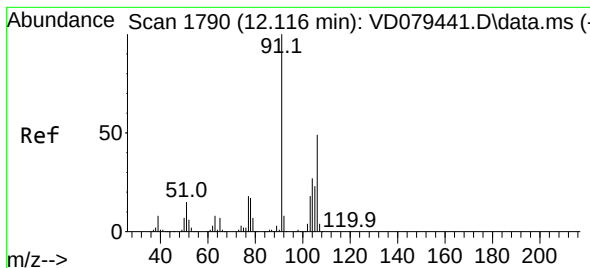
Tgt Ion:106 Resp: 171278

Ion Ratio Lower Upper

106 100

91 194.7 148.5 222.7

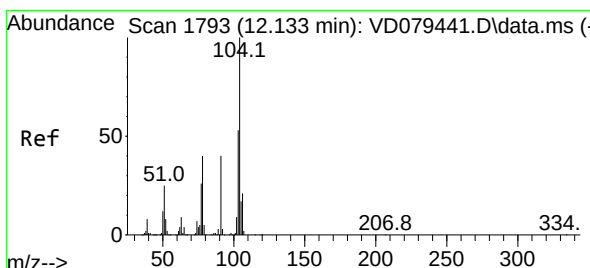
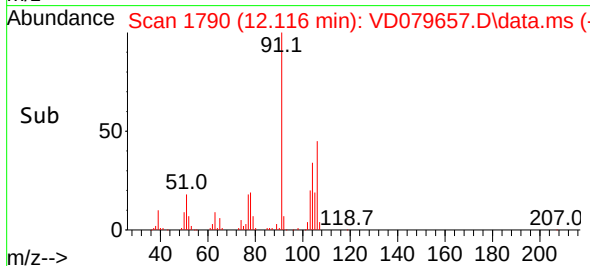
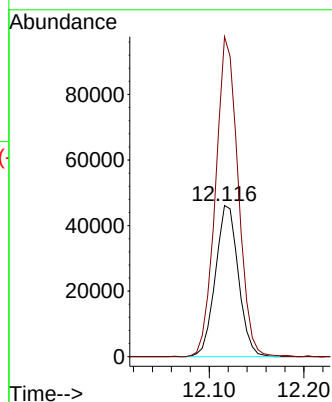
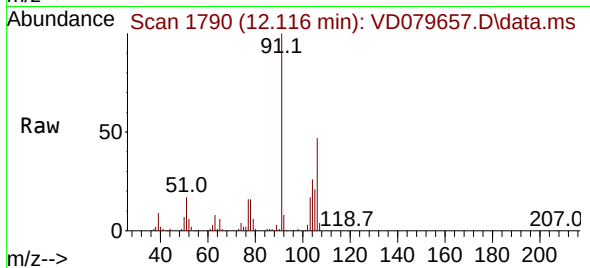




#69
o-Xylene
Concen: 19.559 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

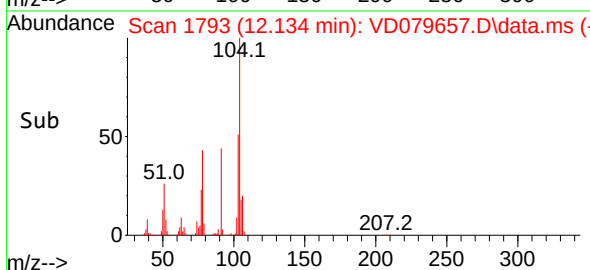
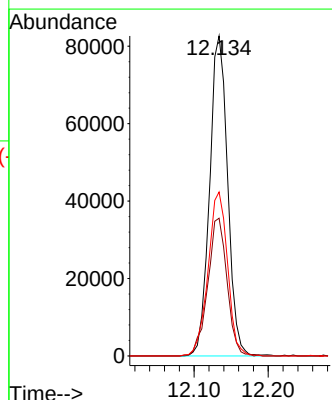
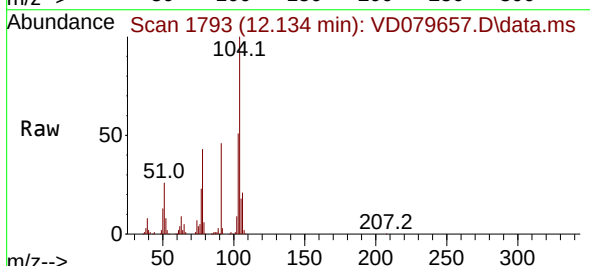
Instrument :
MSVOA_D
ClientSampleId :

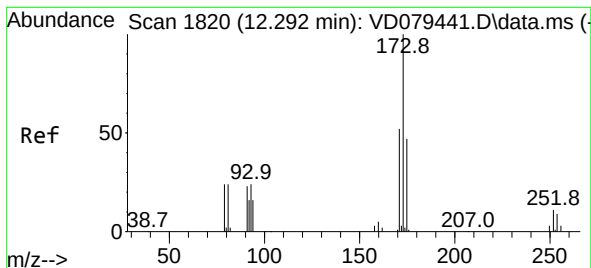
Tgt Ion:106 Resp: 77900
Ion Ratio Lower Upper
106 100
91 208.2 96.7 290.1



#70
Styrene
Concen: 20.030 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion:104 Resp: 139859
Ion Ratio Lower Upper
104 100
78 46.0 33.0 49.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 19.744 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

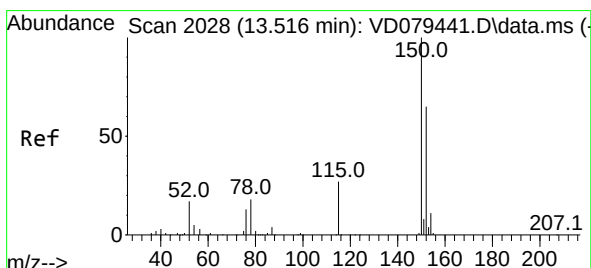
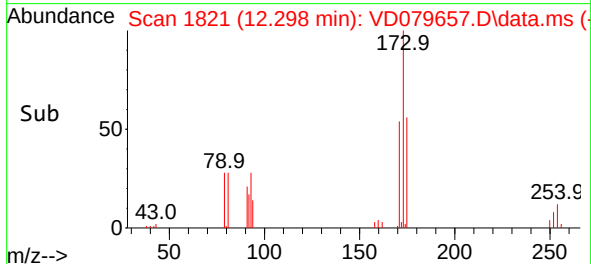
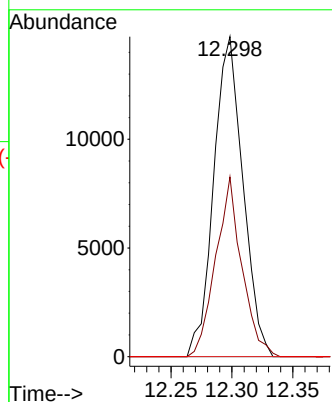
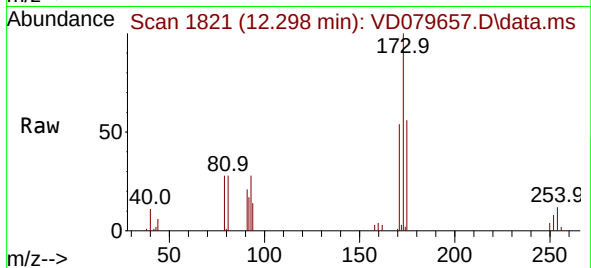
Tgt Ion:173 Resp: 24569

Ion Ratio Lower Upper

173 100

175 50.4 23.7 71.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

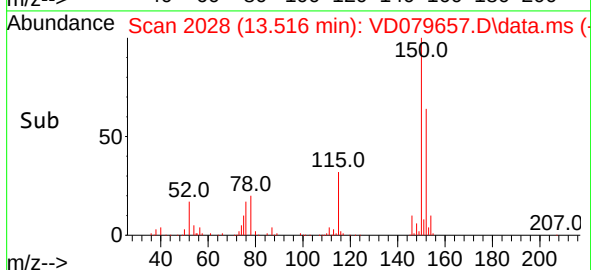
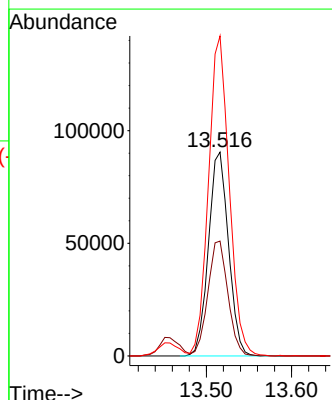
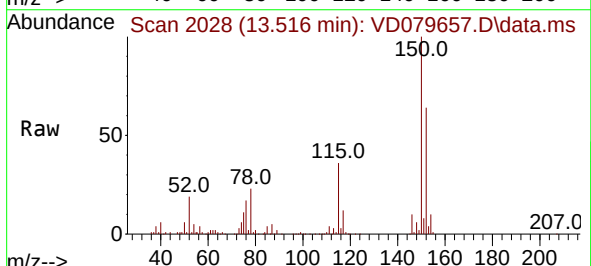
Tgt Ion:152 Resp: 147589

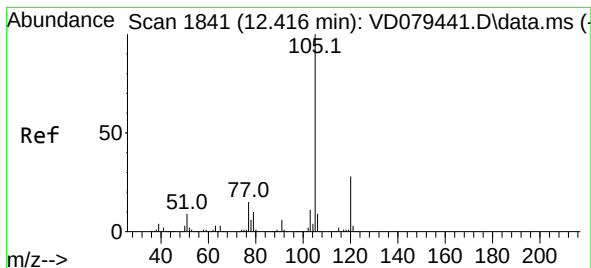
Ion Ratio Lower Upper

152 100

115 56.6 26.5 79.5

150 162.0 0.0 341.6





#73

Isopropylbenzene

Concen: 20.199 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

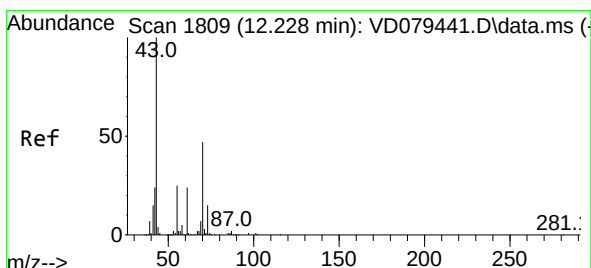
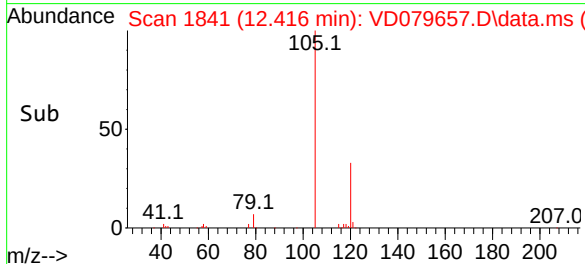
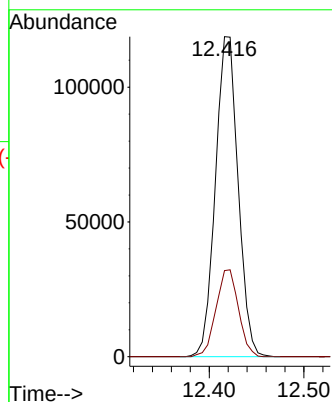
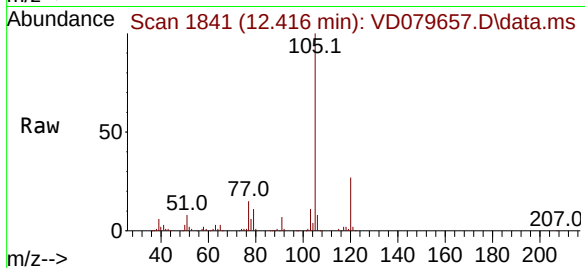
ClientSampleId :

Tgt Ion:105 Resp: 197510

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 21.792 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Tgt Ion: 43 Resp: 47306

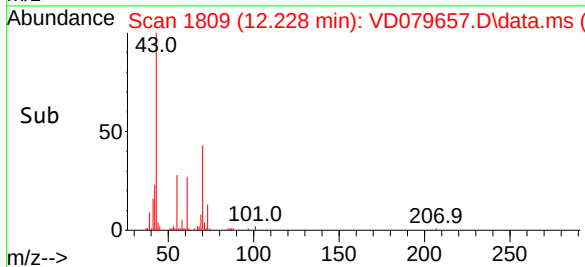
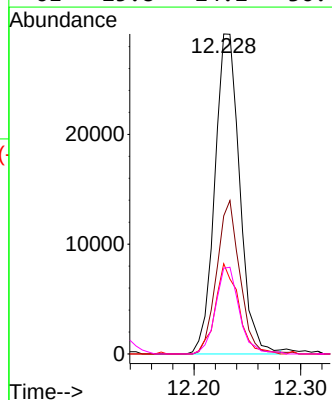
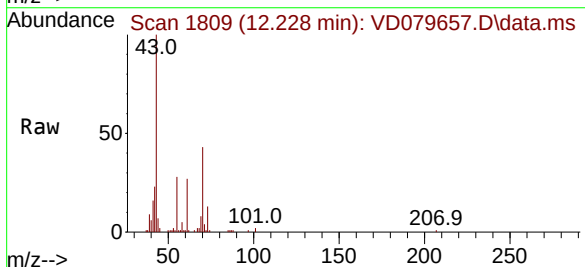
Ion Ratio Lower Upper

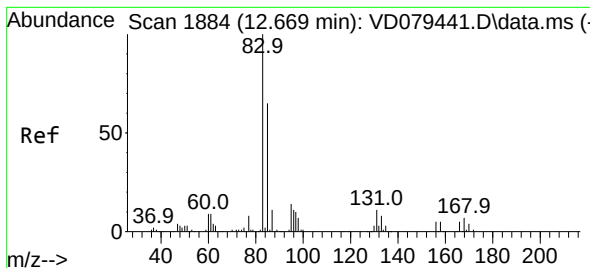
43 100

70 44.5 44.3 66.5

55 26.4 23.2 34.8

61 25.8 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.928 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079657.D

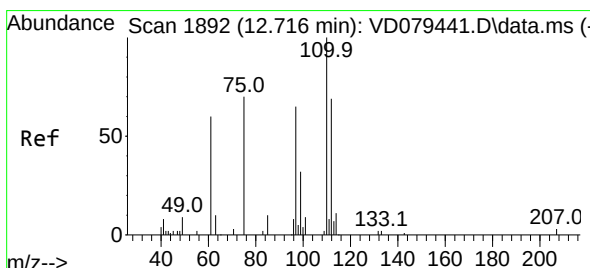
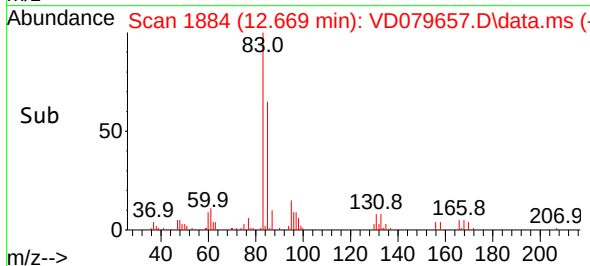
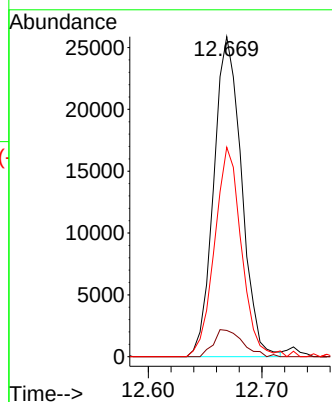
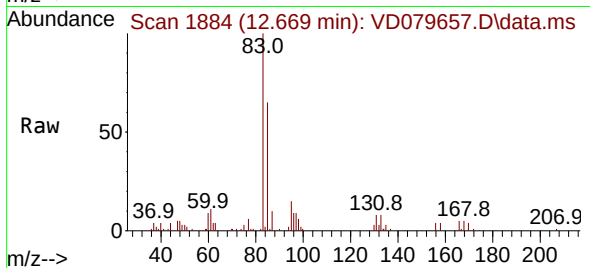
Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	43960
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.5	16.5
85	63.7	33.8	101.3



#76

1,2,3-Trichloropropane

Concen: 39.891 ug/l

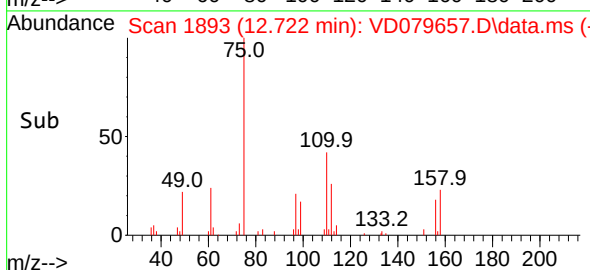
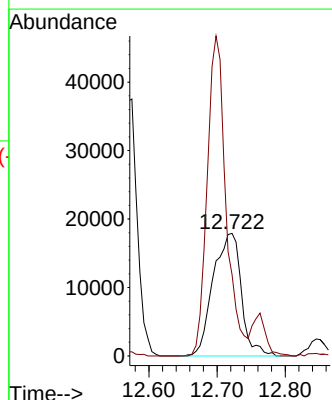
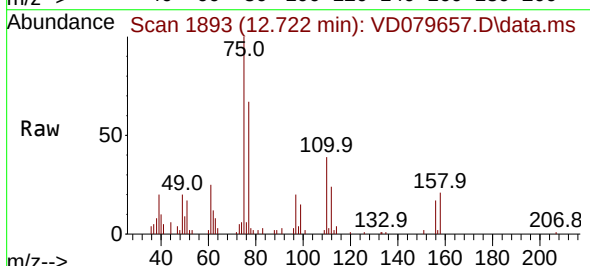
RT: 12.722 min Scan# 1893

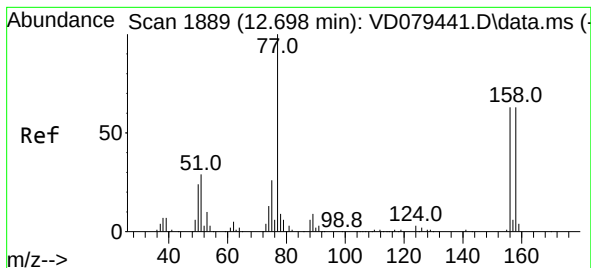
Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Tgt Ion:	75	Resp:	51462
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.103 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

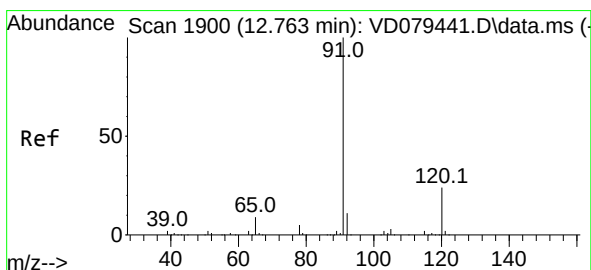
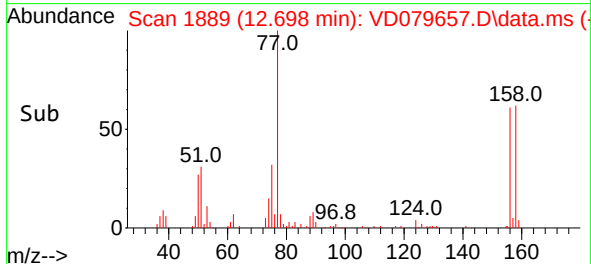
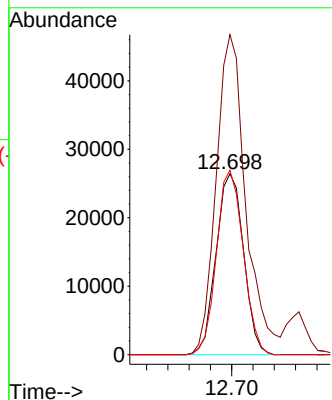
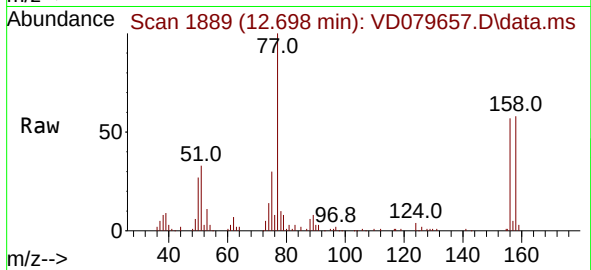
Tgt Ion:156 Resp: 47276

Ion Ratio Lower Upper

156 100

77 190.6 77.3 231.9

158 99.3 49.6 149.0



#78

n-propylbenzene

Concen: 20.219 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079657.D

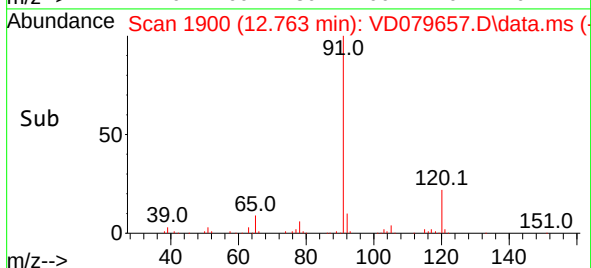
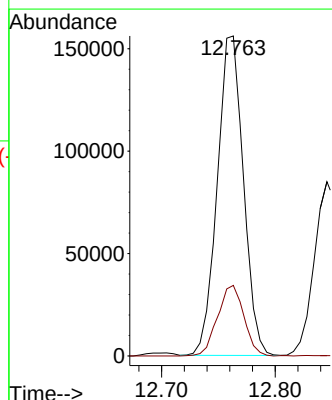
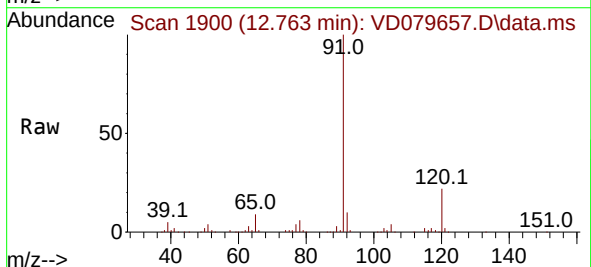
Acq: 07 Aug 2024 23:57

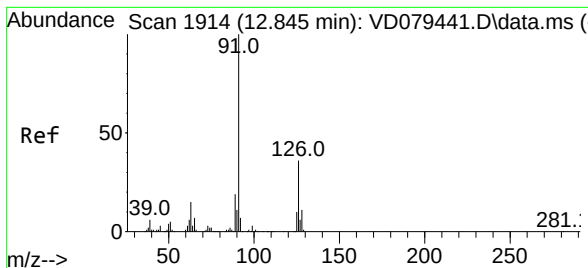
Tgt Ion: 91 Resp: 249437

Ion Ratio Lower Upper

91 100

120 22.3 12.3 36.8

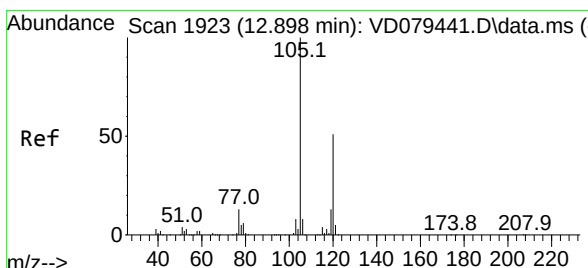
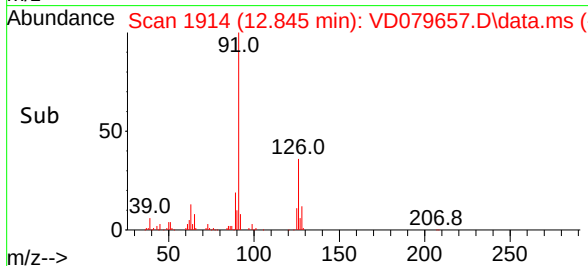
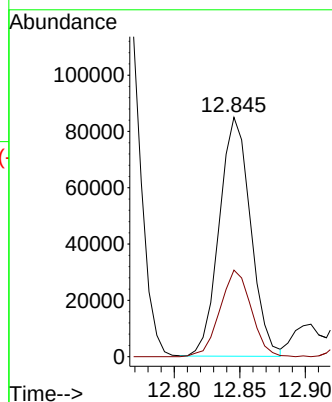
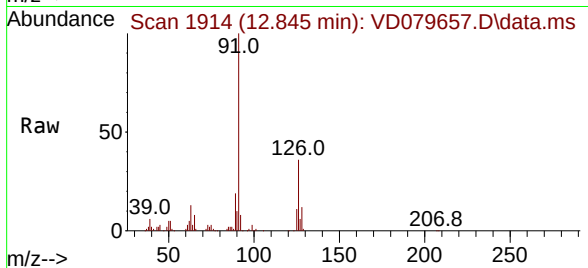




#79
2-Chlorotoluene
Concen: 20.569 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

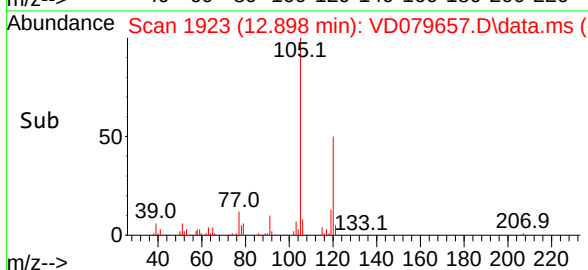
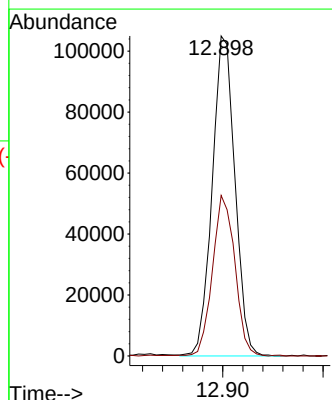
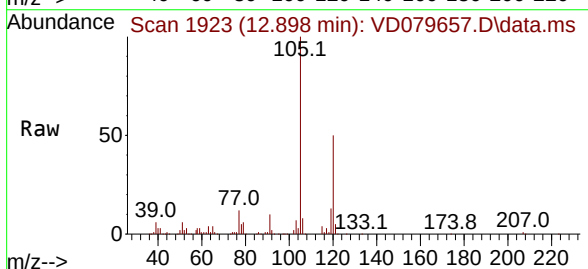
Instrument :
MSVOA_D
ClientSampleId :

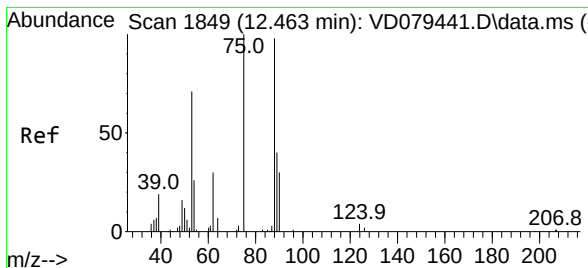
Tgt Ion: 91 Resp: 141296
Ion Ratio Lower Upper
91 100
126 36.0 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 20.133 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 105 Resp: 165521
Ion Ratio Lower Upper
105 100
120 49.3 25.7 77.1

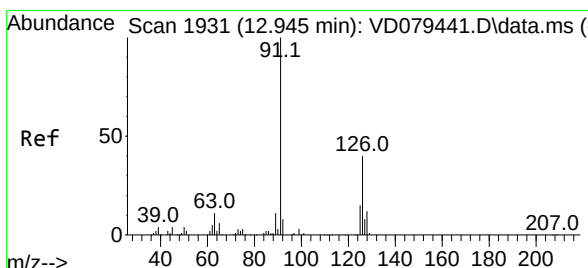
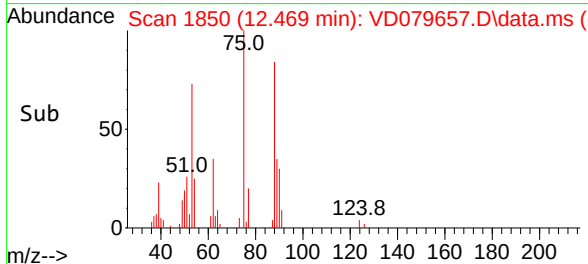
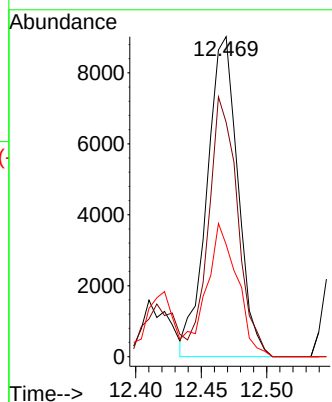
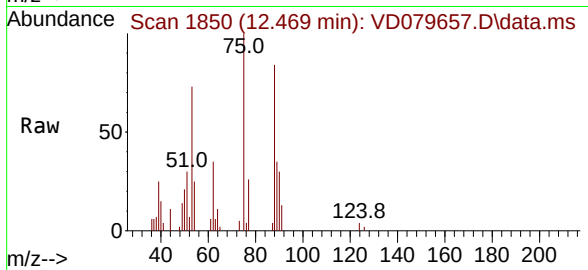




#81
trans-1,4-Dichloro-2-butene
Concen: 21.887 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

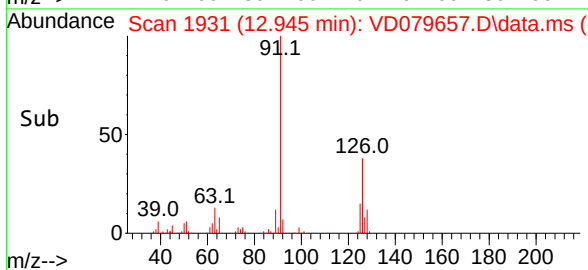
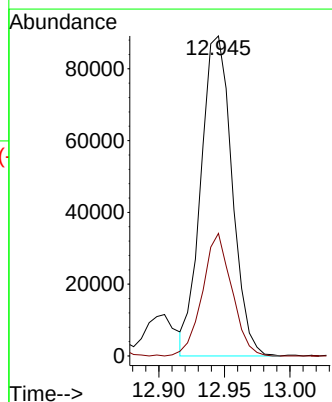
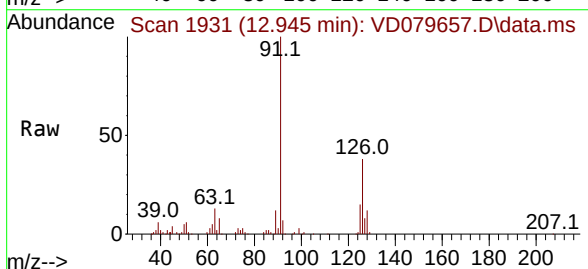
Instrument :
MSVOA_D
ClientSampleId :

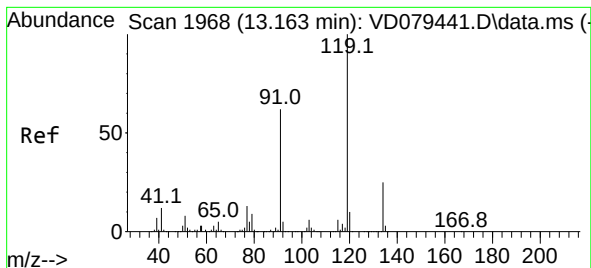
Tgt Ion: 75 Resp: 14804
Ion Ratio Lower Upper
75 100
53 75.7 61.4 92.2
89 41.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.592 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 91 Resp: 147461
Ion Ratio Lower Upper
91 100
126 36.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 19.588 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

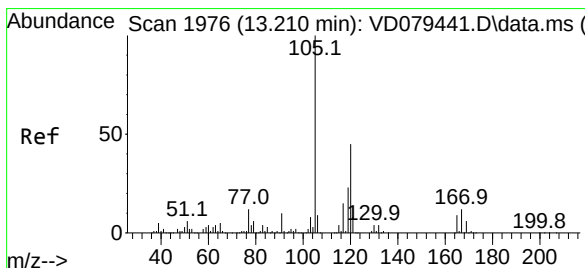
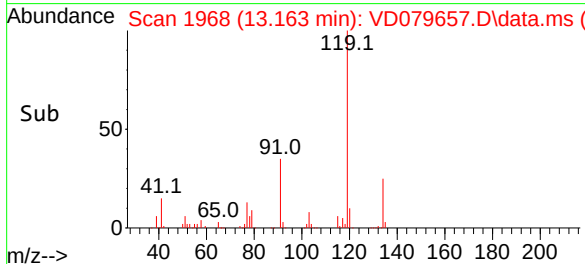
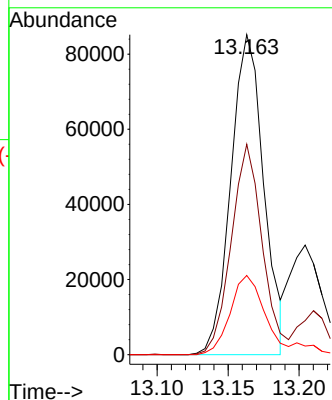
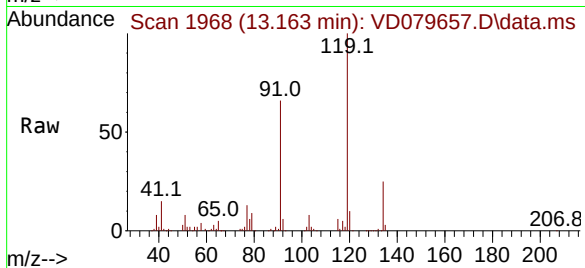
Tgt Ion:119 Resp: 137044

Ion Ratio Lower Upper

119 100

91 62.5 28.2 84.7

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.245 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079657.D

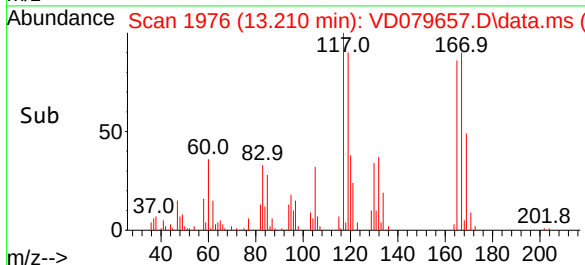
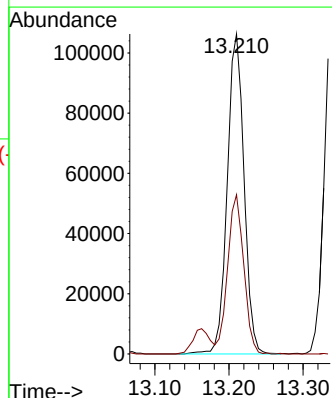
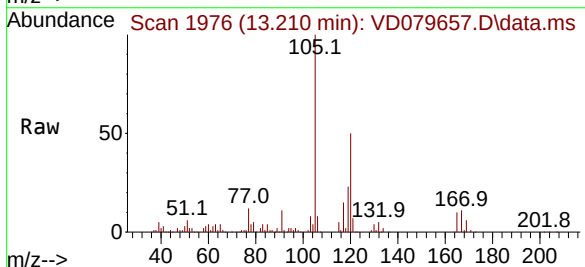
Acq: 07 Aug 2024 23:57

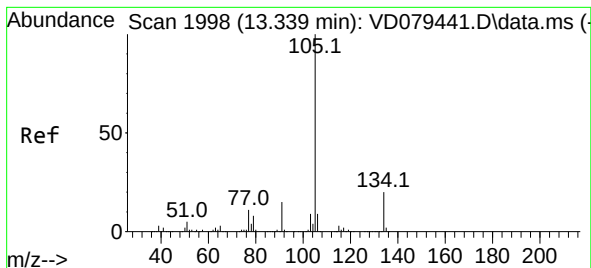
Tgt Ion:105 Resp: 167002

Ion Ratio Lower Upper

105 100

120 47.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.354 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

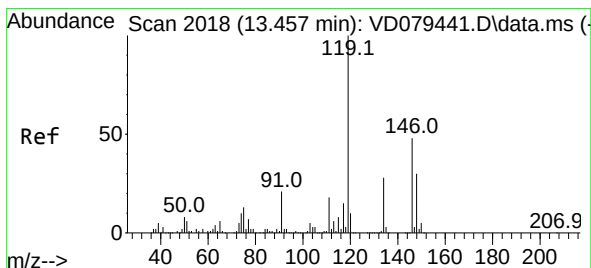
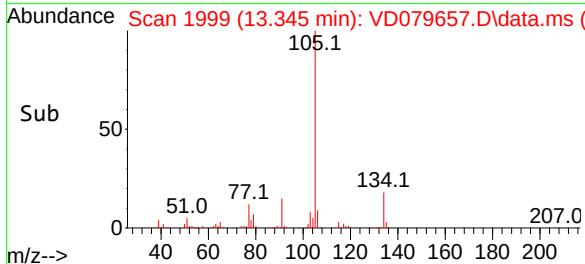
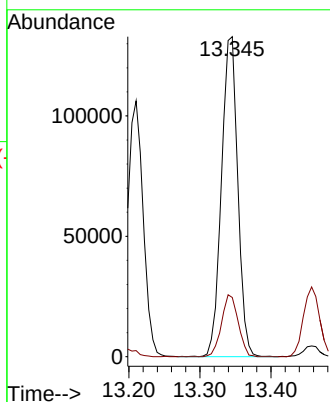
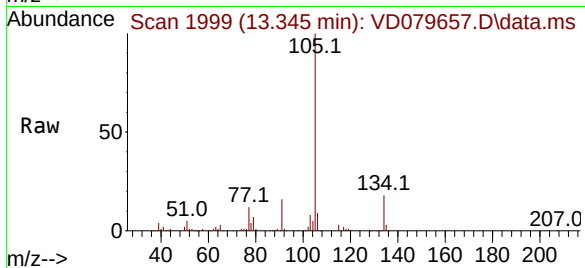
ClientSampleId :

Tgt Ion:105 Resp: 211638

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.456 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

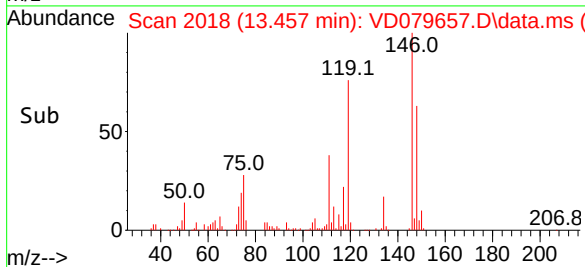
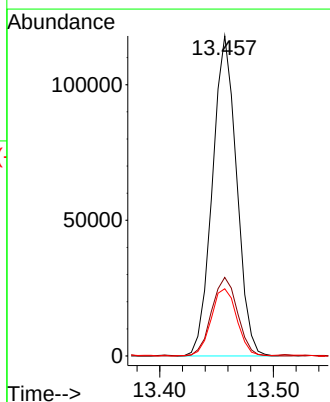
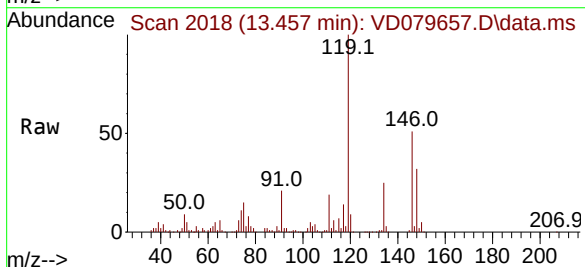
Tgt Ion:119 Resp: 174690

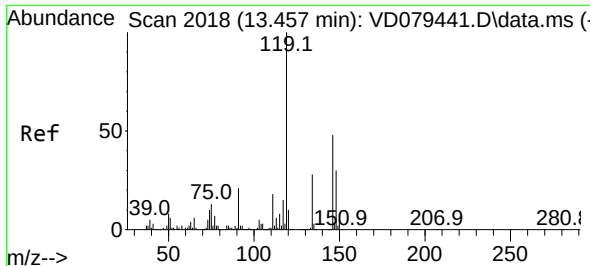
Ion Ratio Lower Upper

119 100

134 26.2 13.7 41.1

91 22.4 10.7 32.1

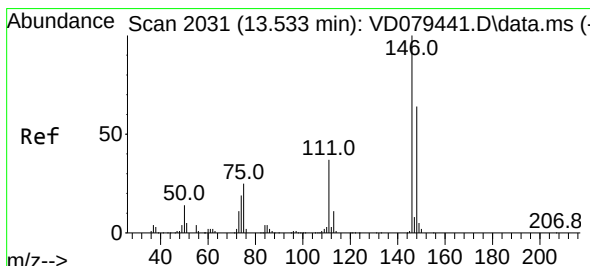
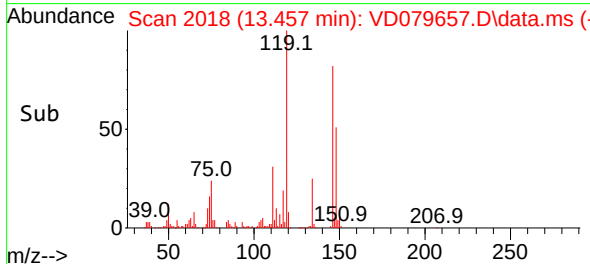
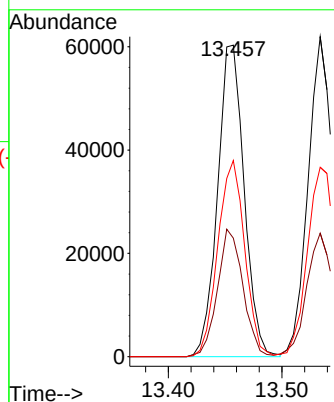
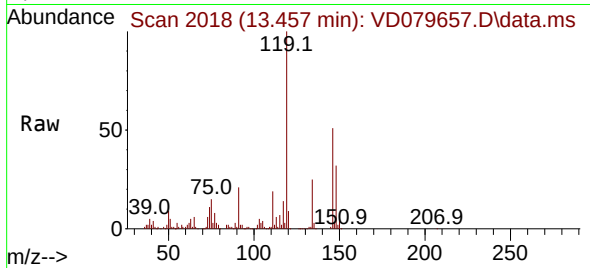




#87
 1,3-Dichlorobenzene
 Concen: 19.146 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079657.D
 Acq: 07 Aug 2024 23:57

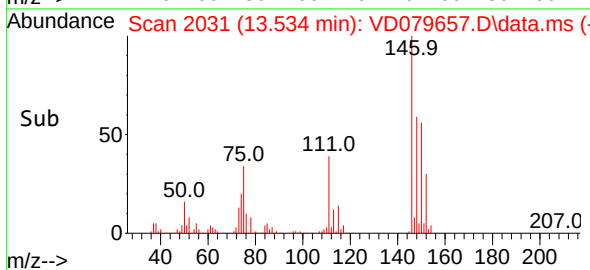
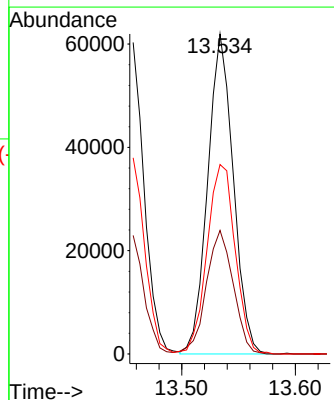
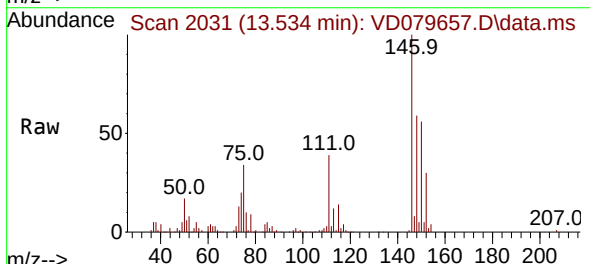
Instrument :
 MSVOA_D
 ClientSampleId :

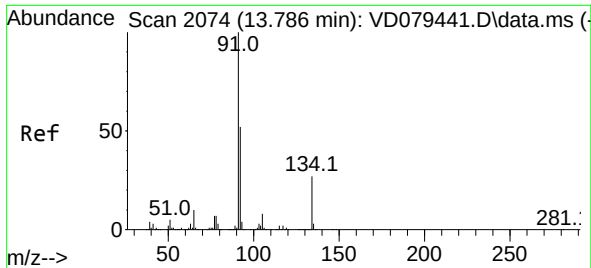
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.5	55.5
148	63.6	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 19.223 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079657.D
 Acq: 07 Aug 2024 23:57

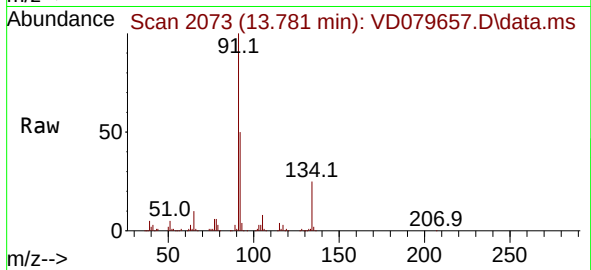
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	17.5	52.6
148	65.4	31.4	94.2



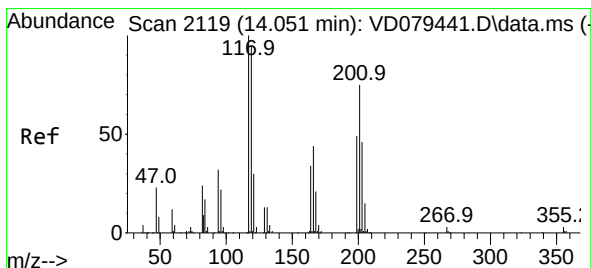
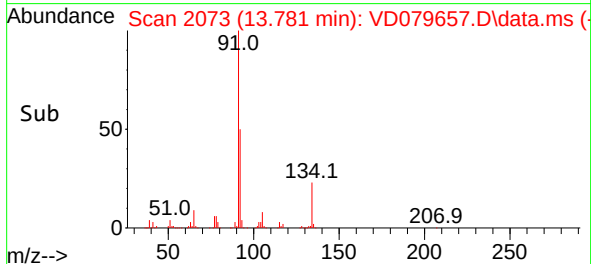
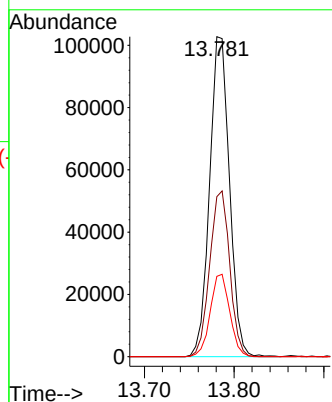


#89
n-Butylbenzene
Concen: 19.069 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Instrument :
MSVOA_D
ClientSampleId :

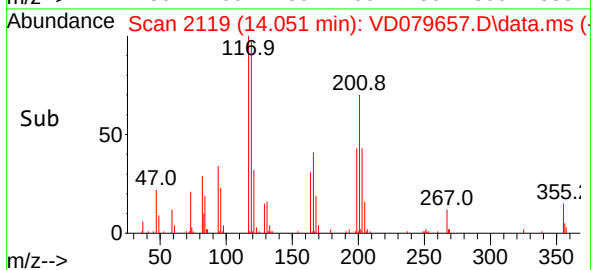
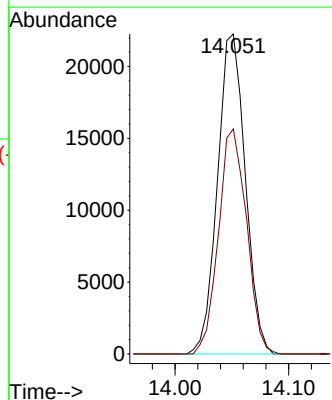
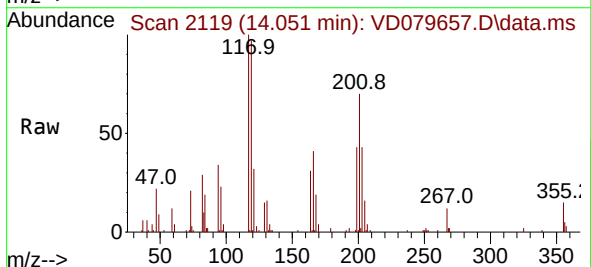


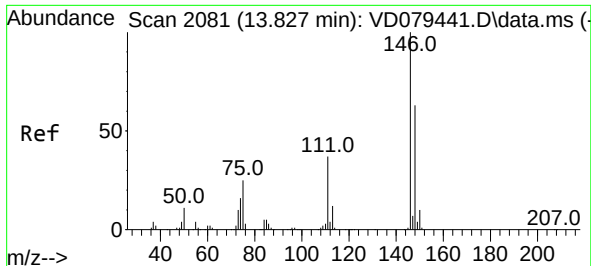
Tgt Ion: 91 Resp: 158025
Ion Ratio Lower Upper
91 100
92 52.1 25.7 77.0
134 25.2 13.6 40.8



#90
Hexachloroethane
Concen: 19.815 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079657.D
Acq: 07 Aug 2024 23:57

Tgt Ion: 117 Resp: 37899
Ion Ratio Lower Upper
117 100
201 70.8 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 19.942 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

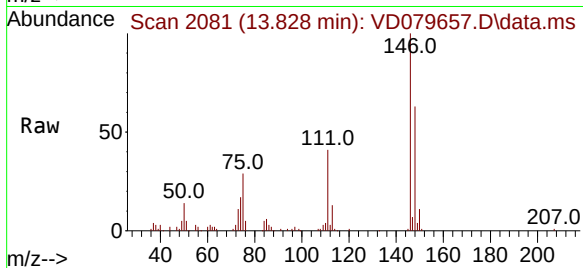
Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :



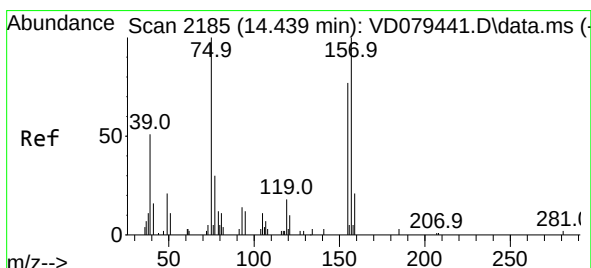
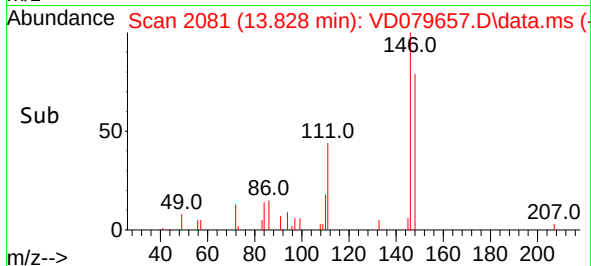
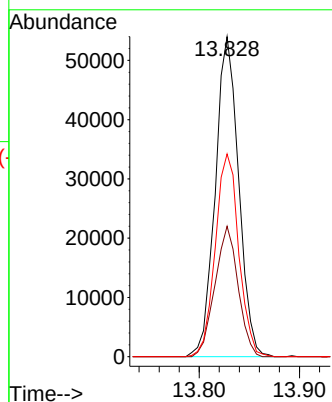
Tgt Ion:146 Resp: 87369

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.1

148 63.6 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.724 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

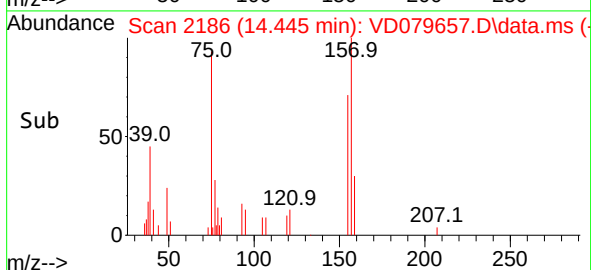
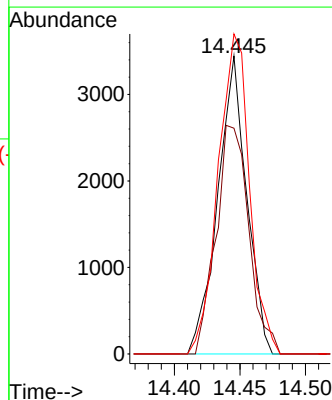
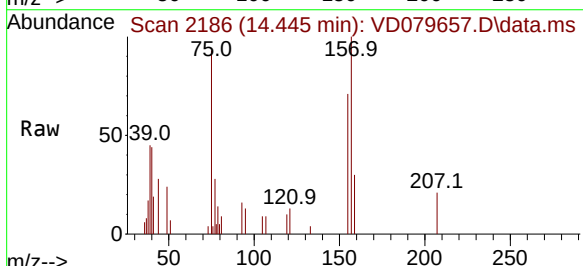
Tgt Ion: 75 Resp: 5287

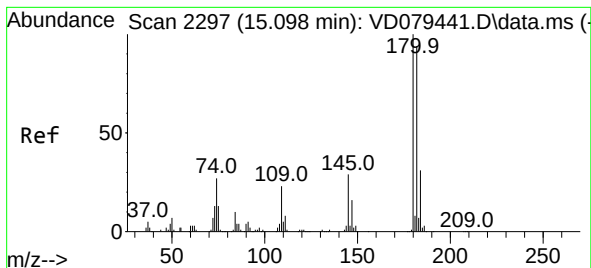
Ion Ratio Lower Upper

75 100

155 87.0 47.7 143.1

157 115.9 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 16.596 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079657.D

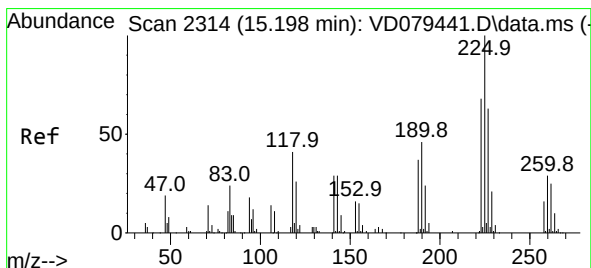
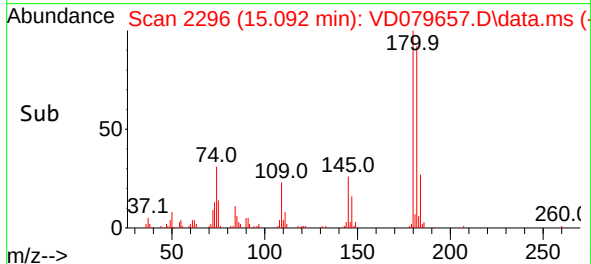
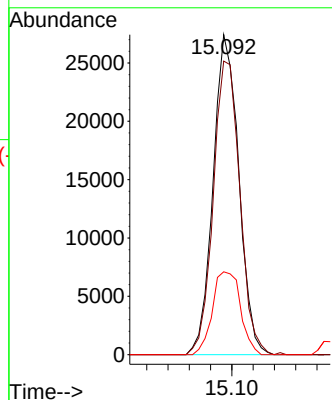
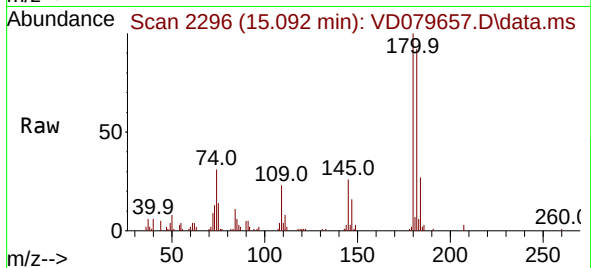
Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	45811
Ion Ratio	Lower	Upper
180	100	
182	95.0	46.9 140.7
145	28.3	14.0 41.9



#94

Hexachlorobutadiene

Concen: 15.830 ug/l

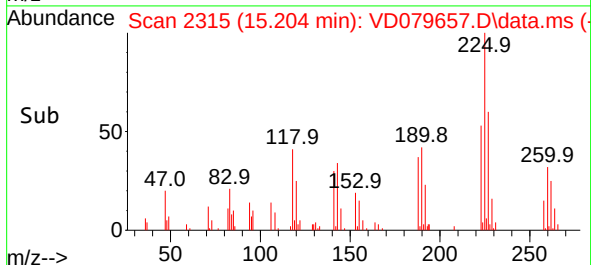
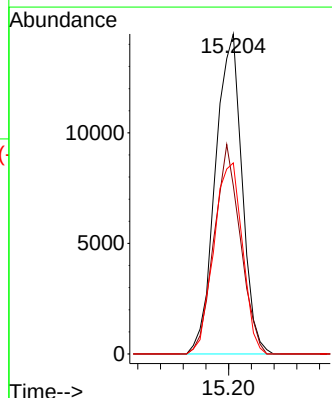
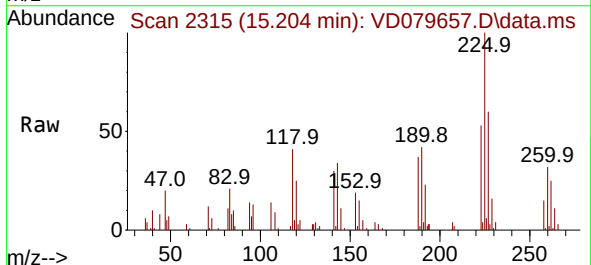
RT: 15.204 min Scan# 2315

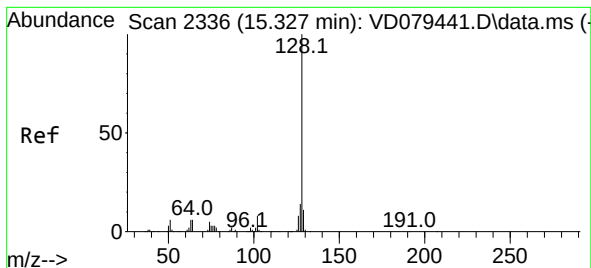
Delta R.T. 0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Tgt Ion:225	Resp:	23584
Ion Ratio	Lower	Upper
225	100	
223	64.7	33.3 99.9
227	64.2	33.6 100.6





#95

Naphthalene

Concen: 18.584 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Instrument :

MSVOA_D

ClientSampleId :

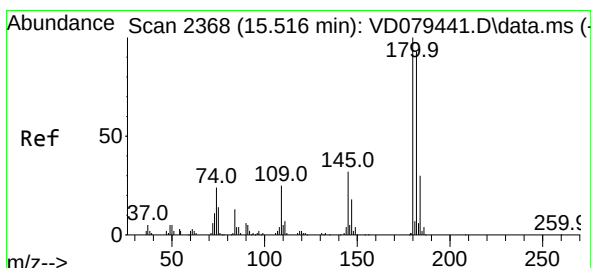
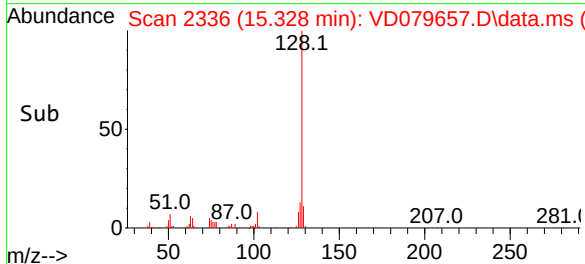
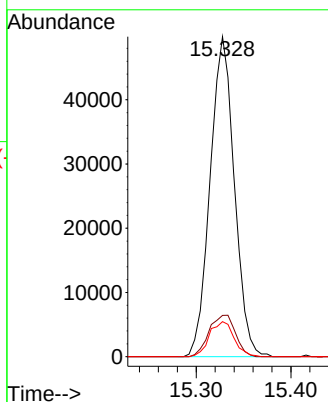
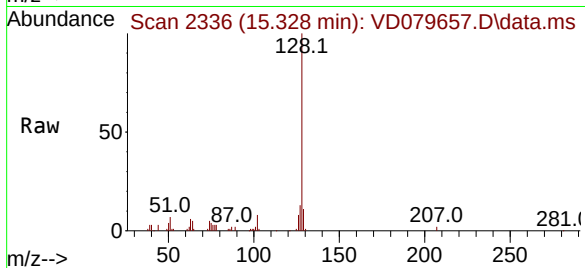
Tgt Ion:128 Resp: 88789

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 16.684 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079657.D

Acq: 07 Aug 2024 23:57

Tgt Ion:180 Resp: 40511

Ion Ratio Lower Upper

180 100

182 97.2 47.8 143.3

145 31.7 16.1 48.2

