

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079510.D
 Acq On : 31 Jul 2024 23:30
 Operator : RP/MD
 Sample : VD0731SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 01:58:22 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	199079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118250	58.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.940%	
35) Dibromofluoromethane	7.805	113	123981	53.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.269	98	482982	53.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.569	95	142956	55.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	30923	19.825	ug/l	98
3) Chloromethane	2.146	50	60576	21.077	ug/l	94
4) Vinyl Chloride	2.281	62	73145	21.404	ug/l	100
5) Bromomethane	2.675	94	59782	26.477	ug/l	97
6) Chloroethane	2.828	64	45106	20.541	ug/l	97
7) Trichlorofluoromethane	3.170	101	70929	20.871	ug/l	99
8) Diethyl Ether	3.587	74	22144	21.571	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	44637	20.767	ug/l	97
10) Methyl Iodide	4.158	142	51244	21.160	ug/l	97
11) Tert butyl alcohol	5.064	59	12501	136.004	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	43615	20.276	ug/l	93
13) Acrolein	3.793	56	17718	119.195	ug/l	97
14) Allyl chloride	4.558	41	57952	20.403	ug/l	87
15) Acrylonitrile	5.252	53	53325	111.161	ug/l	98
16) Acetone	4.022	43	36684	93.332	ug/l	99
17) Carbon Disulfide	4.264	76	150618	21.213	ug/l	98
18) Methyl Acetate	4.564	43	33392	27.363	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	96743	22.034	ug/l	92
20) Methylene Chloride	4.799	84	91421	24.544	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	51157	21.171	ug/l	88
22) Diisopropyl ether	6.216	45	139487	22.071	ug/l #	95
23) Vinyl Acetate	6.152	43	491196	103.393	ug/l	95
24) 1,1-Dichloroethane	6.105	63	89692	21.178	ug/l	99
25) 2-Butanone	7.087	43	57254	102.747	ug/l	99
26) 2,2-Dichloropropane	7.075	77	65828	19.216	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	58210	21.075	ug/l	87
28) Bromochloromethane	7.428	49	39977	21.526	ug/l #	73
29) Tetrahydrofuran	7.446	42	38374	111.122	ug/l #	85
30) Chloroform	7.593	83	99037	23.092	ug/l	99
31) Cyclohexane	7.875	56	63757	18.982	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	76141	21.515	ug/l	99
36) 1,1-Dichloropropene	8.010	75	63769	20.262	ug/l	96
37) Ethyl Acetate	7.169	43	29725	23.036	ug/l	97
38) Carbon Tetrachloride	7.993	117	70051	21.174	ug/l	96
39) Methylcyclohexane	9.275	83	68399	18.215	ug/l	91
40) Benzene	8.252	78	208092	20.818	ug/l	97

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 ClientSampleId :

Quant Time: Aug 01 01:58:22 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)
41) Methacrylonitrile	7.399	41	15144	21.337	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	53509	22.464	ug/l	99
43) Isopropyl Acetate	8.363	43	52479	21.640	ug/l #	93
44) Trichloroethene	9.028	130	51198	20.575	ug/l	95
45) 1,2-Dichloropropane	9.305	63	52905	21.748	ug/l	99
46) Dibromomethane	9.393	93	31232	23.159	ug/l	97
47) Bromodichloromethane	9.581	83	73368	22.157	ug/l #	97
48) Methyl methacrylate	9.381	41	21277	19.605	ug/l	90
49) 1,4-Dioxane	9.387	88	5880	420.791	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	140402	113.398	ug/l	92
52) Toluene	10.334	92	133069	21.525	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	63591	20.796	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	77274	21.009	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	39851	22.433	ug/l #	91
56) Ethyl methacrylate	10.593	69	46345	22.018	ug/l	90
57) 1,3-Dichloropropane	10.875	76	67957	22.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	92018	94.794	ug/l	93
59) 2-Hexanone	10.922	43	95403	110.484	ug/l	92
60) Dibromochloromethane	11.069	129	51381	22.141	ug/l	95
61) 1,2-Dibromoethane	11.175	107	38378	23.060	ug/l	97
64) Tetrachloroethene	10.810	164	45745	20.757	ug/l	96
65) Chlorobenzene	11.604	112	149600	20.671	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.675	131	50349	21.145	ug/l	98
67) Ethyl Benzene	11.681	91	233049	19.670	ug/l	99
68) m/p-Xylenes	11.793	106	192643	40.984	ug/l	96
69) o-Xylene	12.116	106	84513	19.616	ug/l	89
70) Styrene	12.134	104	158637	21.002	ug/l	99
71) Bromoform	12.298	173	31907	23.703	ug/l #	100
73) Isopropylbenzene	12.416	105	215620	19.475	ug/l	99
74) N-amyl acetate	12.228	43	49300	19.894	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	48527	22.171	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	59143	40.159	ug/l #	100
77) Bromobenzene	12.698	156	58495	20.705	ug/l	92
78) n-propylbenzene	12.757	91	276602	19.640	ug/l	97
79) 2-Chlorotoluene	12.846	91	155171	19.787	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	188283	20.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	15406	19.952	ug/l	97
82) 4-Chlorotoluene	12.946	91	165612	20.258	ug/l	100
83) tert-Butylbenzene	13.163	119	156071	19.550	ug/l	96
84) 1,2,4-Trimethylbenzene	13.204	105	187566	19.974	ug/l	99
85) sec-Butylbenzene	13.340	105	240124	19.235	ug/l	100
86) p-Isopropyltoluene	13.457	119	203434	19.769	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	121157	20.703	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	120687	20.977	ug/l	98
89) n-Butylbenzene	13.787	91	181780	19.186	ug/l	99
90) Hexachloroethane	14.045	117	44088	20.192	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	104905	20.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6592	22.634	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	57846	18.357	ug/l	97
94) Hexachlorobutadiene	15.198	225	32187	18.925	ug/l	97
95) Naphthalene	15.328	128	107766	19.759	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	51810	18.691	ug/l	97

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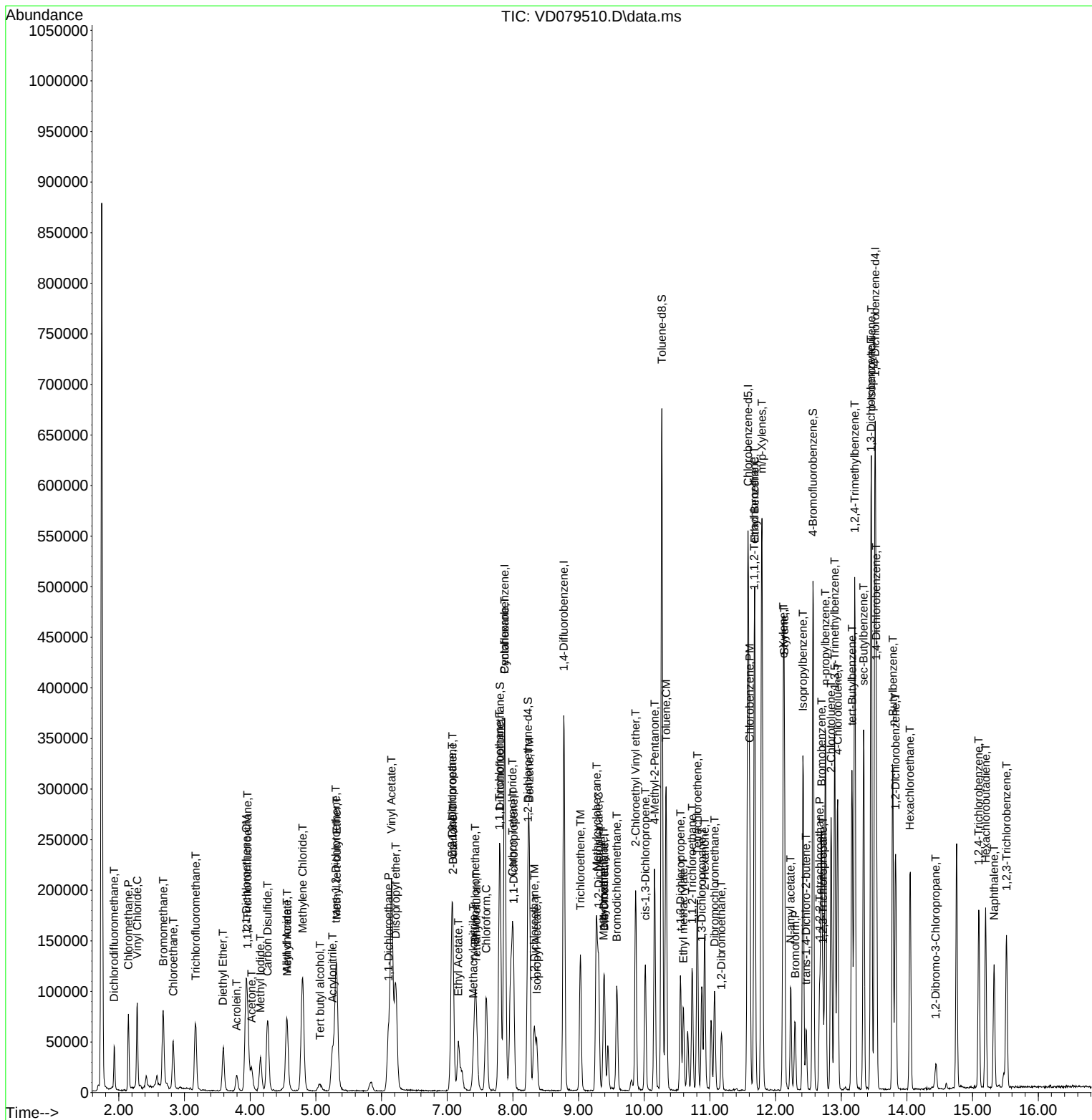
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MSVOA_D
ClientSampleId :

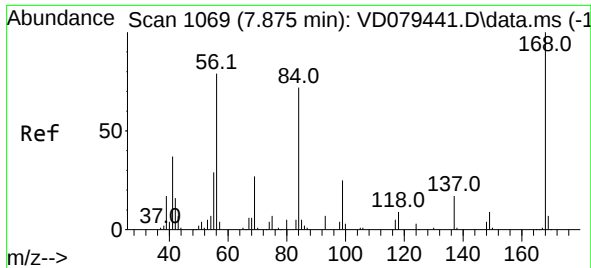
Quant Time: Aug 01 01:58:22 2024
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

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

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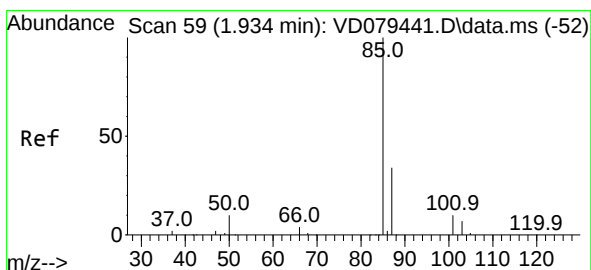
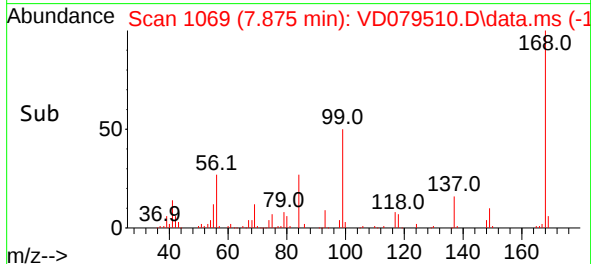
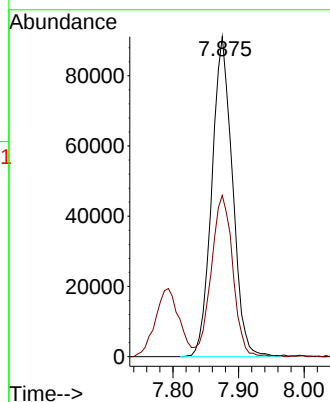
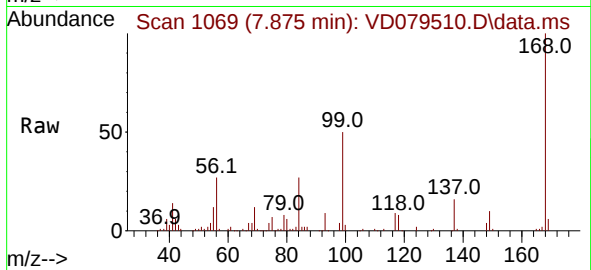




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079510.D
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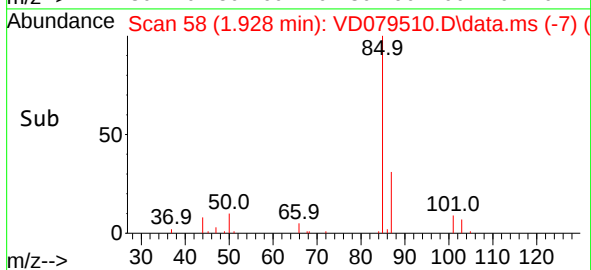
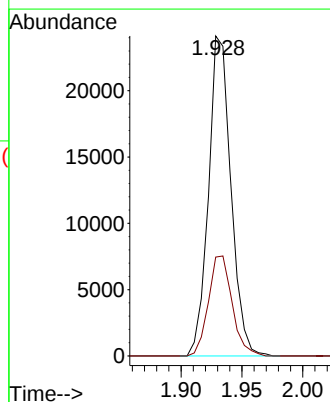
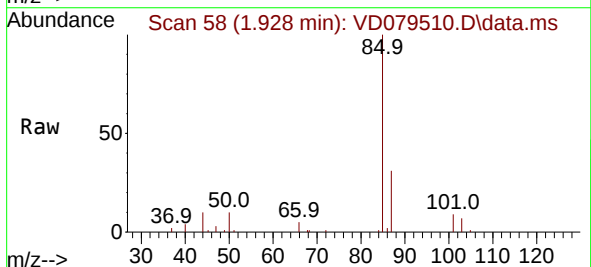
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MSVOA_D
ClientSampleId :

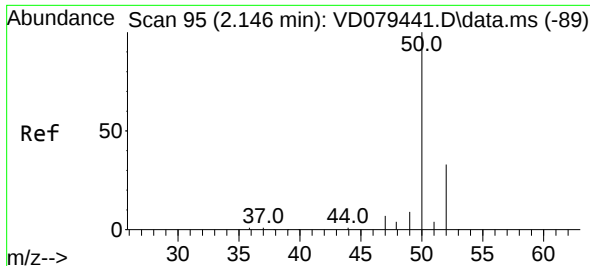
Tgt Ion:168 Resp: 199079
Ion Ratio Lower Upper
168 100
99 50.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 19.825 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 85 Resp: 30923
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

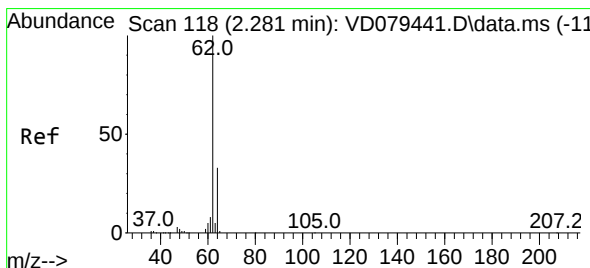
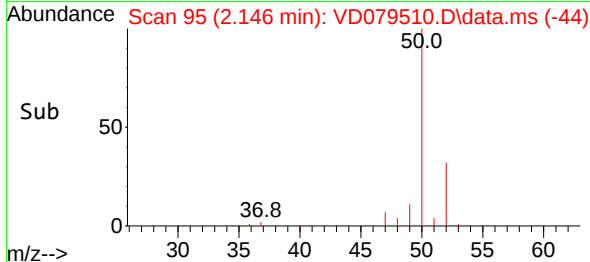
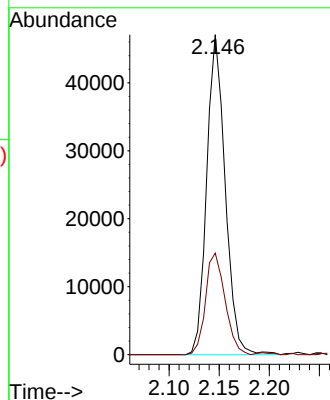
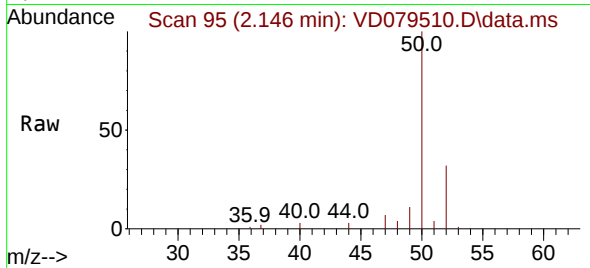




#3
 Chloromethane
 Concen: 21.077 ug/l
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

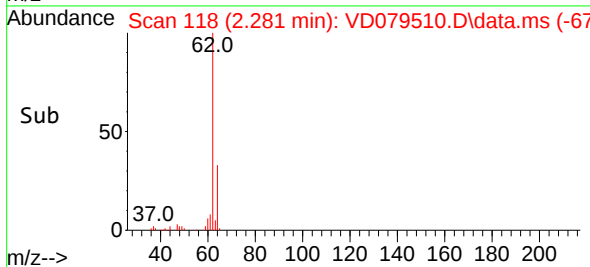
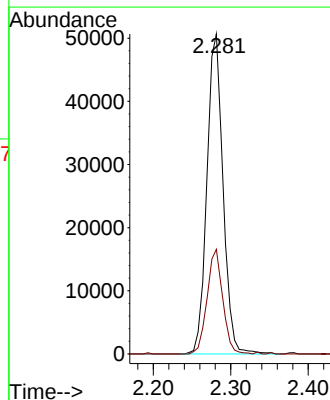
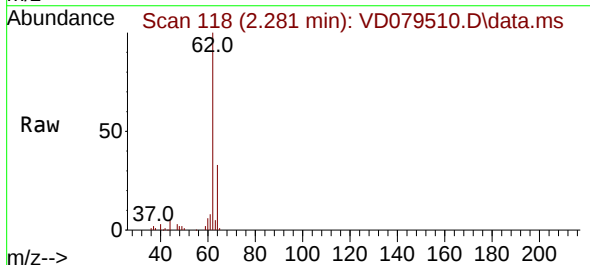
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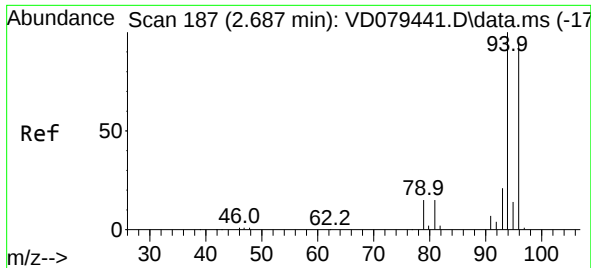
Tgt Ion: 50 Resp: 60576
 Ion Ratio Lower Upper
 50 100
 52 31.7 28.2 42.2



#4
 Vinyl Chloride
 Concen: 21.404 ug/l
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Tgt Ion: 62 Resp: 73145
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.3 39.5

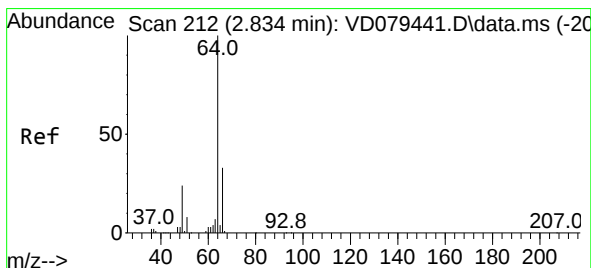
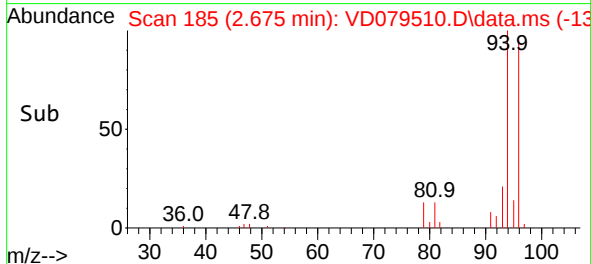
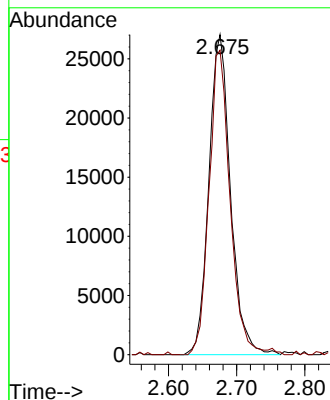
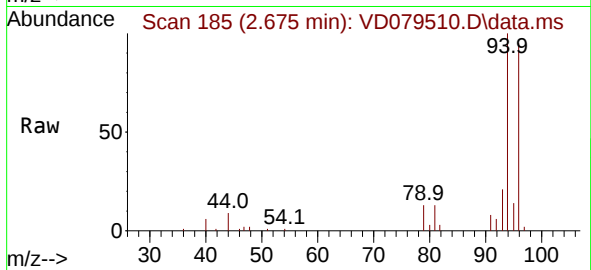




#5
Bromomethane
Concen: 26.477 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

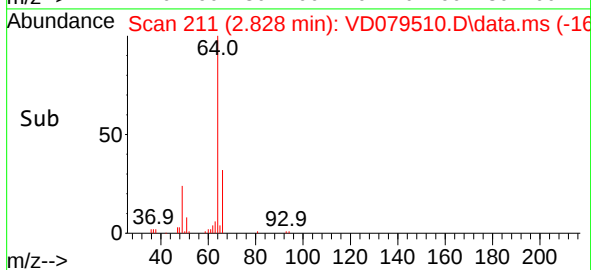
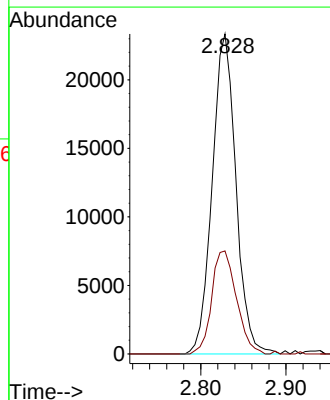
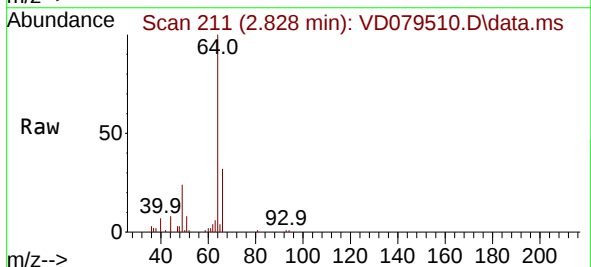
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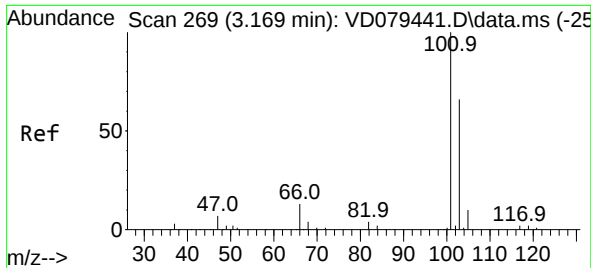
Tgt Ion: 94 Resp: 59782
Ion Ratio Lower Upper
94 100
96 92.8 76.9 115.3



#6
Chloroethane
Concen: 20.541 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

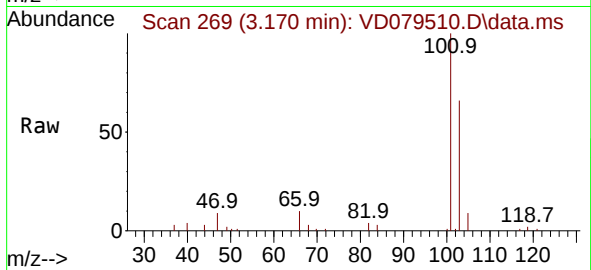
Tgt Ion: 64 Resp: 45106
Ion Ratio Lower Upper
64 100
66 32.2 24.5 36.7



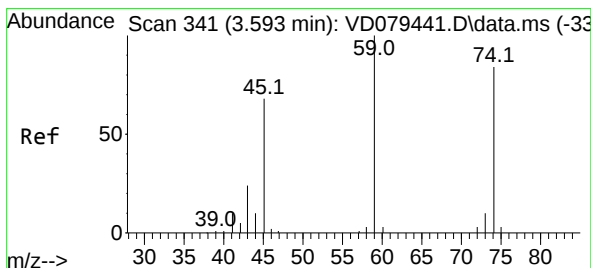
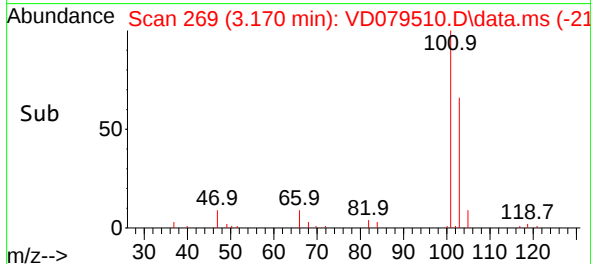
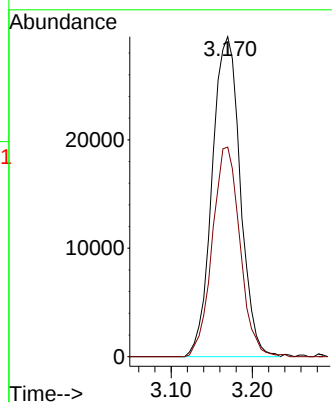


#7
 Trichlorofluoromethane
 Concen: 20.871 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Instrument :
 MSVOA_D
 ClientSampleId :

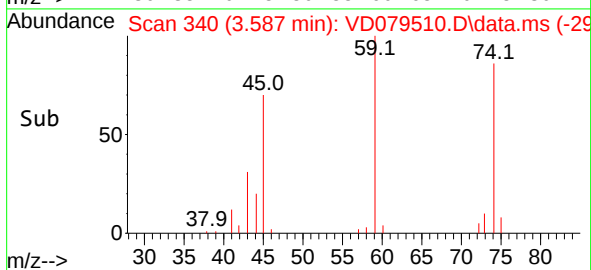
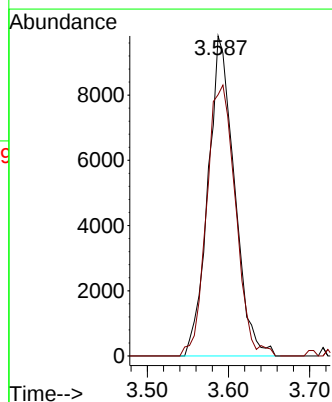
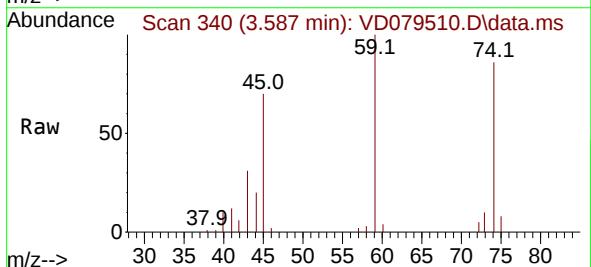


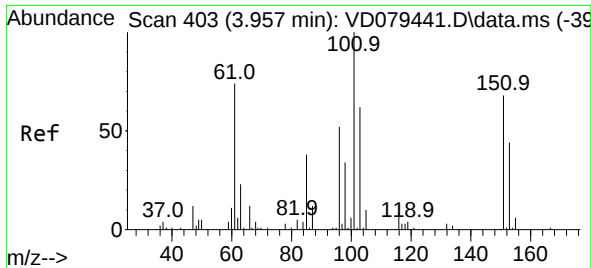
Tgt Ion:101 Resp: 70929
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.2 79.8



#8
 Diethyl Ether
 Concen: 21.571 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Tgt Ion: 74 Resp: 22144
 Ion Ratio Lower Upper
 74 100
 45 92.9 37.9 113.6

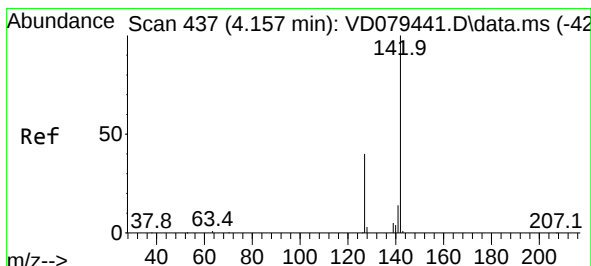
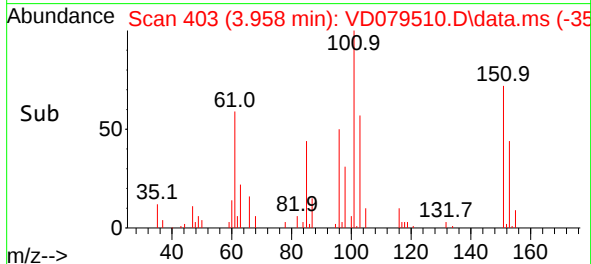
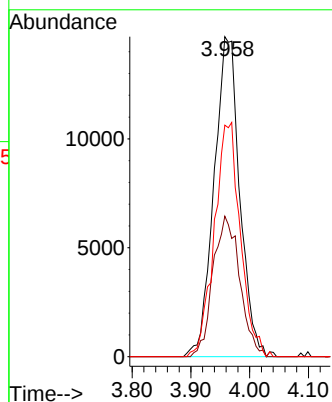
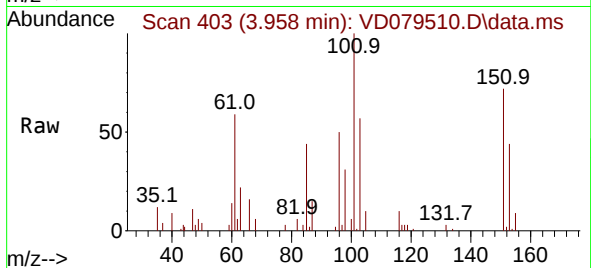




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.767 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

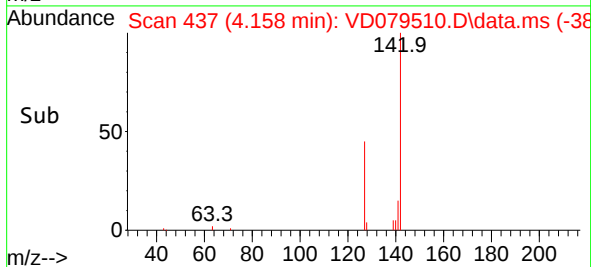
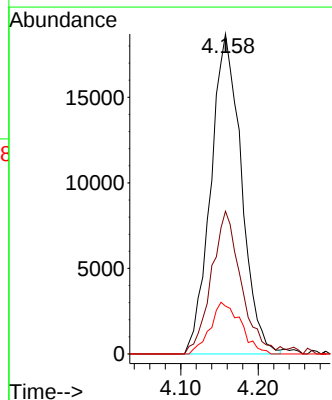
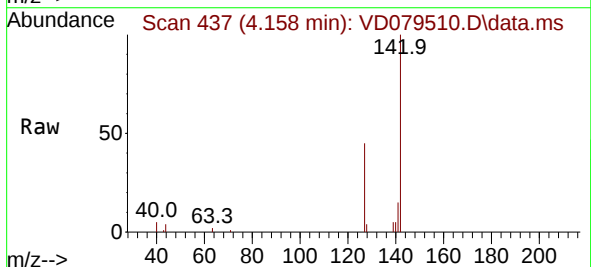
Instrument :
MSVOA_D
ClientSampleId :

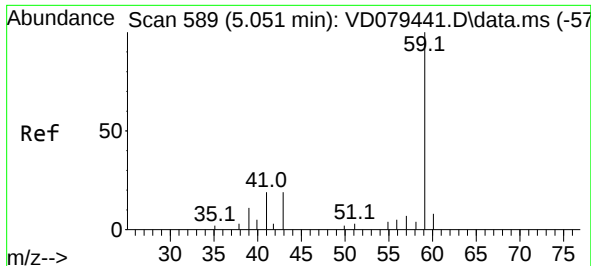
Tgt Ion:101 Resp: 44637
Ion Ratio Lower Upper
101 100
85 45.8 33.5 50.3
151 73.8 60.3 90.5



#10
Methyl Iodide
Concen: 21.160 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

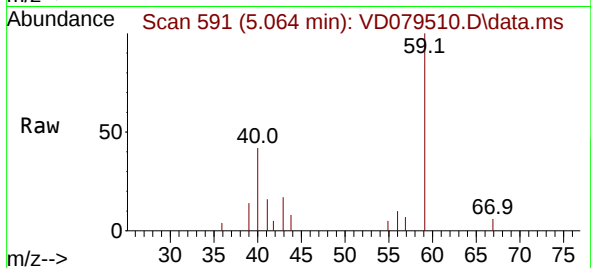
Tgt Ion:142 Resp: 51244
Ion Ratio Lower Upper
142 100
127 44.3 34.2 51.4
141 16.2 11.7 17.5



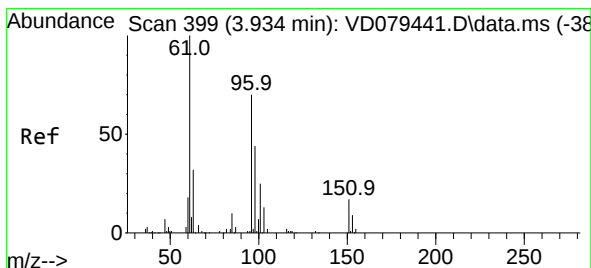
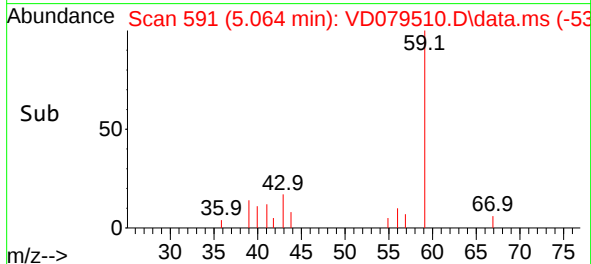
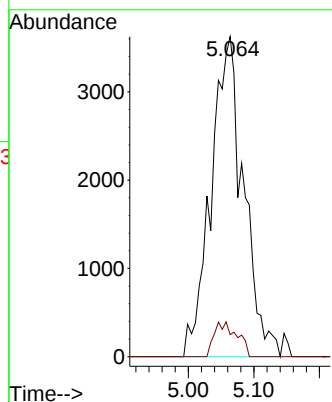


#11
Tert butyl alcohol
Concen: 136.004 ug/l
RT: 5.064 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Instrument :
MSVOA_D
ClientSampleId :

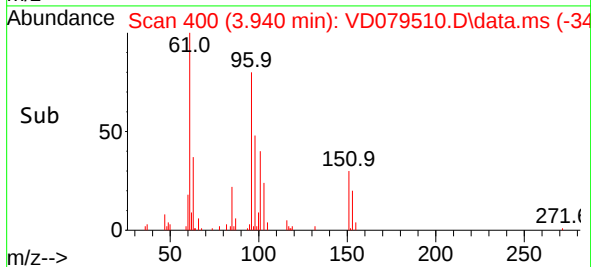
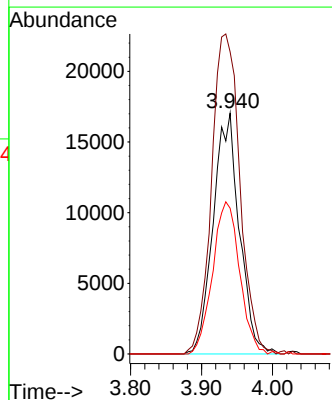
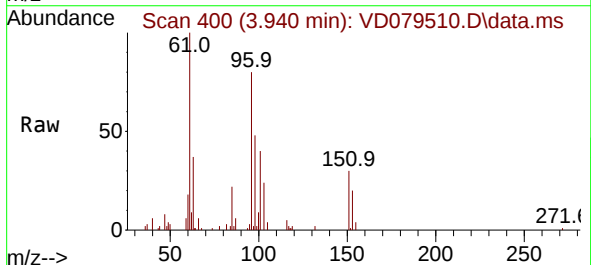


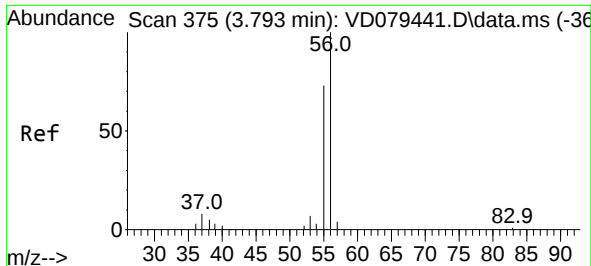
Tgt Ion: 59 Resp: 12501
Ion Ratio Lower Upper
59 100
57 7.6 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 20.276 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 96 Resp: 43615
Ion Ratio Lower Upper
96 100
61 125.4 107.3 160.9
98 60.6 51.7 77.5

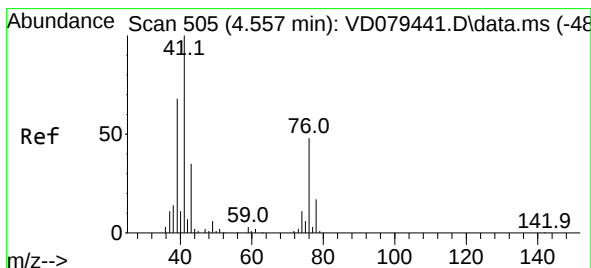
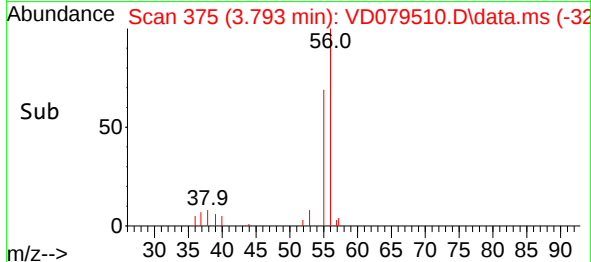
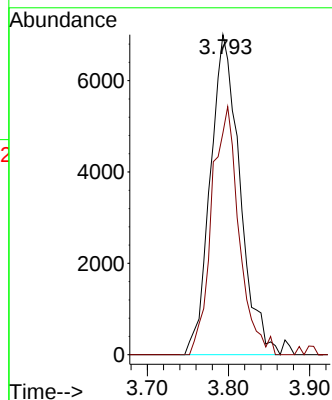
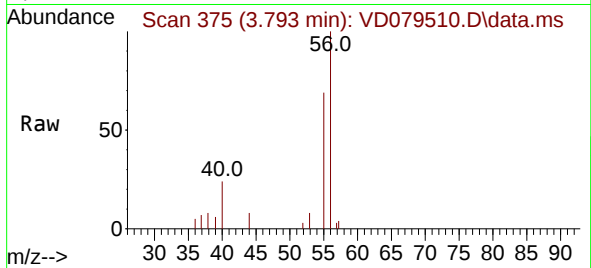




#13
Acrolein
Concen: 119.195 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

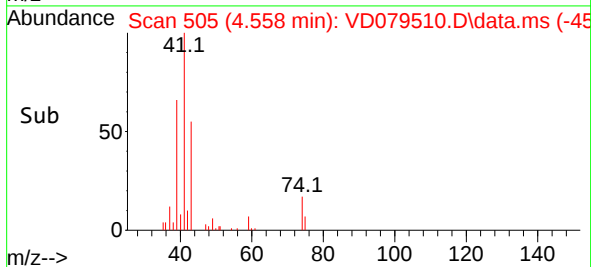
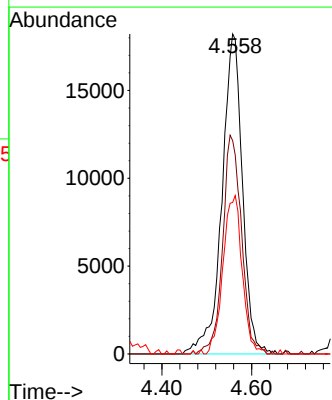
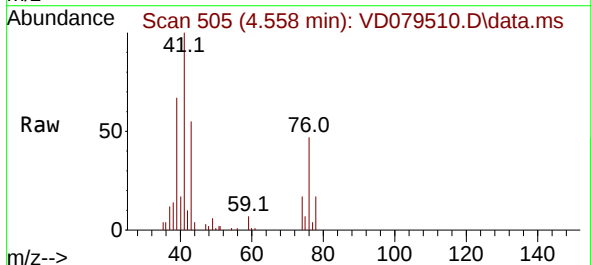
Instrument :
MSVOA_D
ClientSampleId :

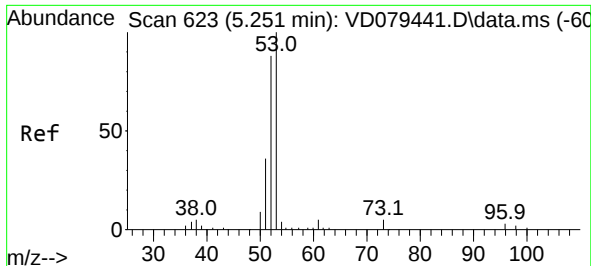
Tgt Ion: 56 Resp: 17718
Ion Ratio Lower Upper
56 100
55 71.8 55.3 82.9



#14
Allyl chloride
Concen: 20.403 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

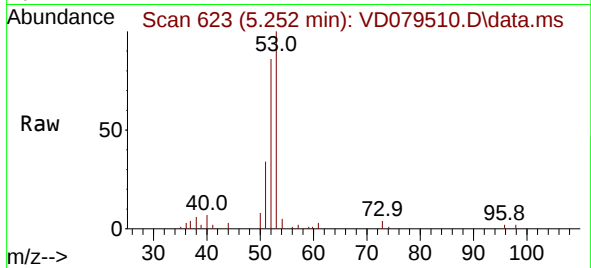
Tgt Ion: 41 Resp: 57952
Ion Ratio Lower Upper
41 100
39 62.8 58.0 87.0
76 46.3 45.9 68.9



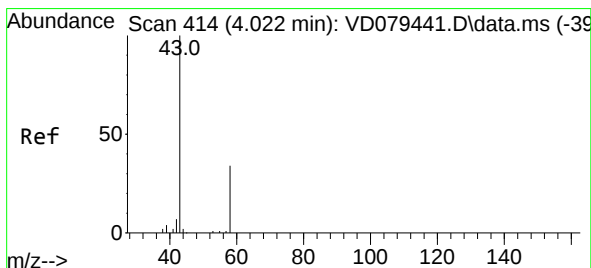
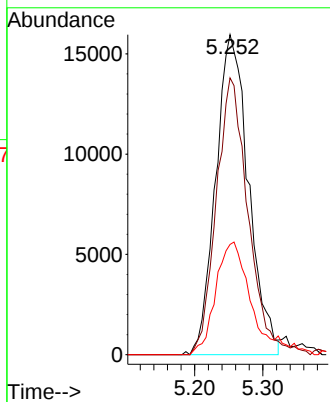
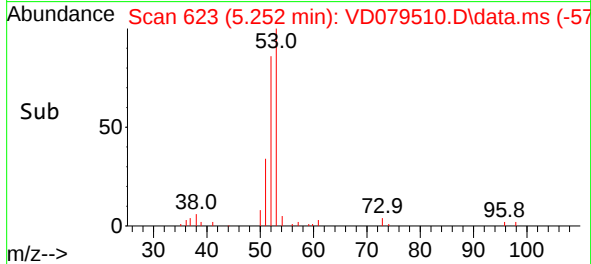


#15
Acrylonitrile
Concen: 111.161 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Instrument :
MSVOA_D
ClientSampleId :

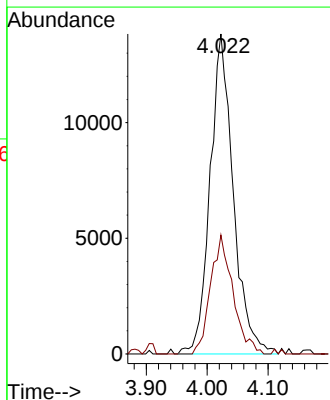
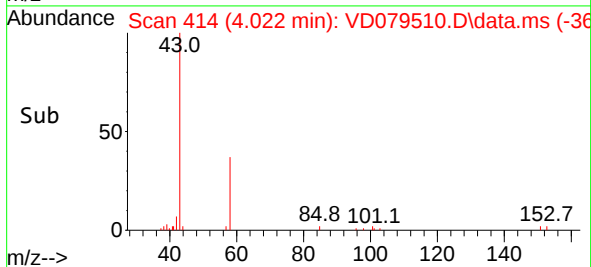
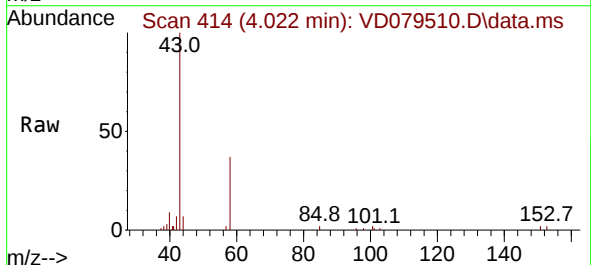


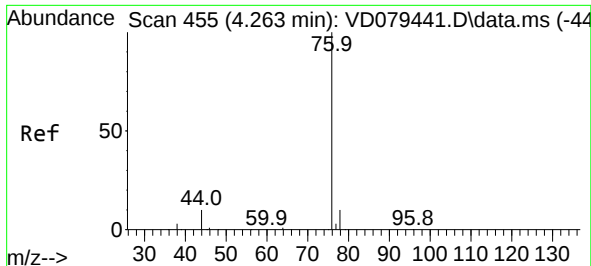
Tgt Ion: 53 Resp: 53325
Ion Ratio Lower Upper
53 100
52 84.2 67.7 101.5
51 38.7 28.6 42.8



#16
Acetone
Concen: 93.332 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 43 Resp: 36684
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

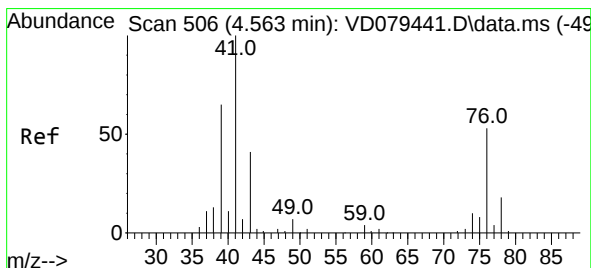
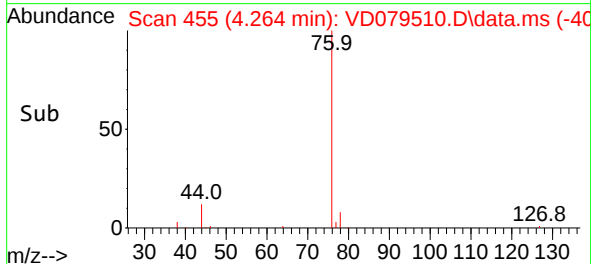
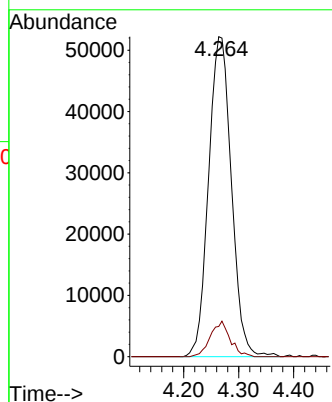
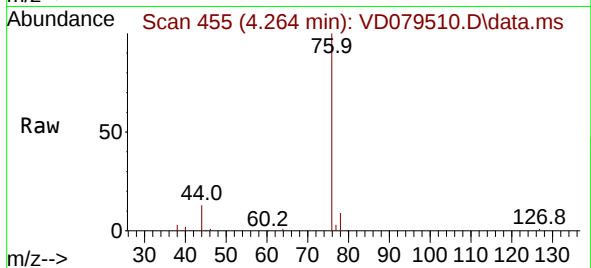




#17
Carbon Disulfide
Concen: 21.213 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

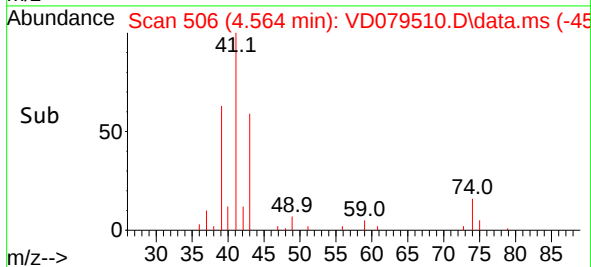
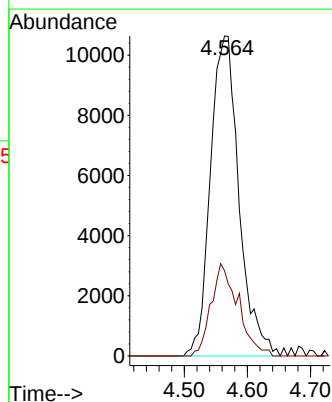
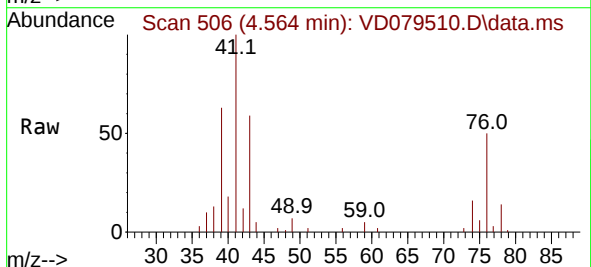
Instrument :
MSVOA_D
ClientSampleId :

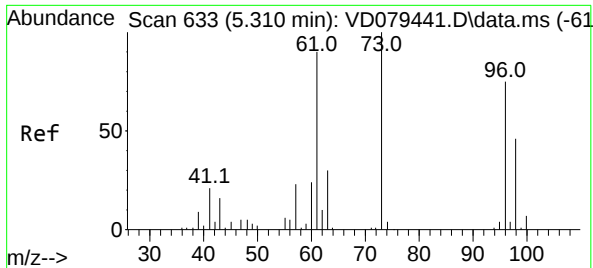
Tgt Ion: 76 Resp: 150618
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 27.363 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 43 Resp: 33392
Ion Ratio Lower Upper
43 100
74 27.4 28.1 42.1#

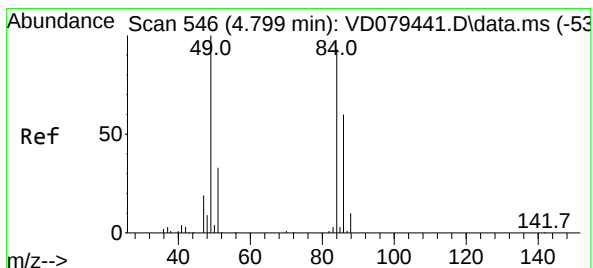
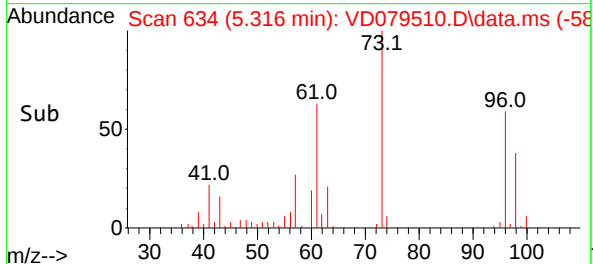
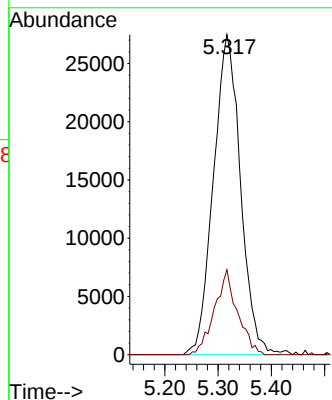
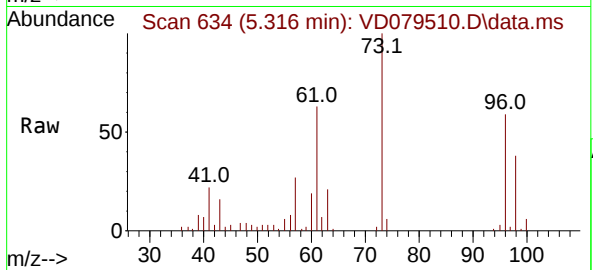




#19
Methyl tert-butyl Ether
Concen: 22.034 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

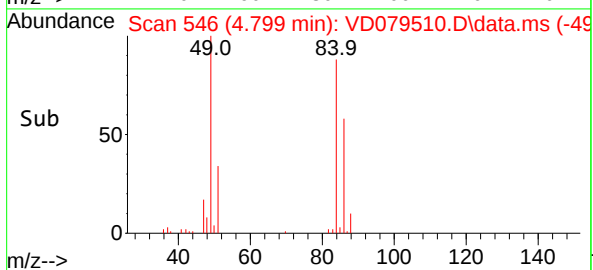
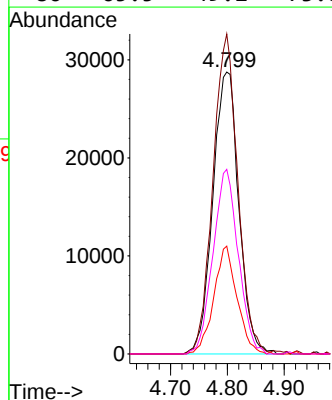
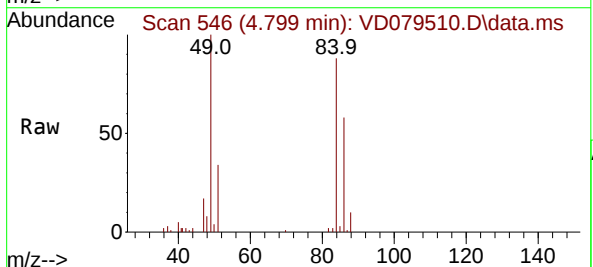
Instrument :
MSVOA_D
ClientSampleId :

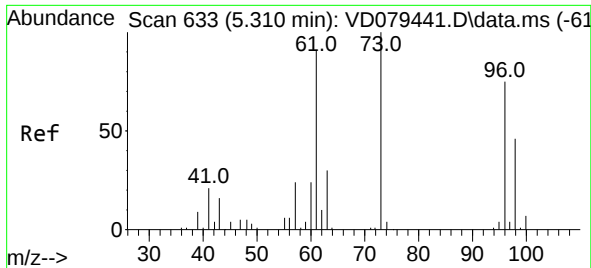
Tgt Ion: 73 Resp: 96743
Ion Ratio Lower Upper
73 100
57 26.6 18.3 27.5



#20
Methylene Chloride
Concen: 24.544 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 84 Resp: 91421
Ion Ratio Lower Upper
84 100
49 113.5 75.6 113.4#
51 38.3 24.2 36.2#
86 65.5 49.2 73.8

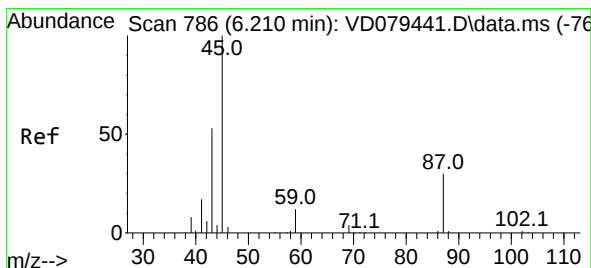
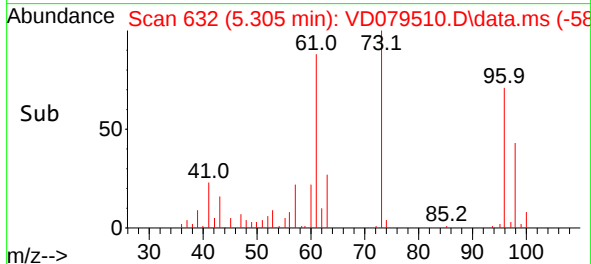
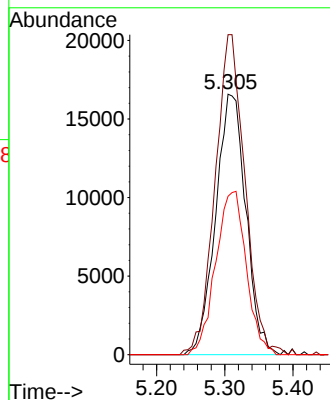
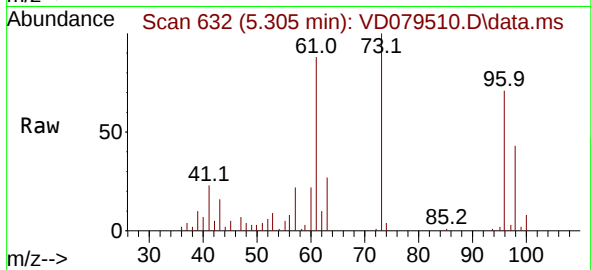




#21
trans-1,2-Dichloroethene
Concen: 21.171 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

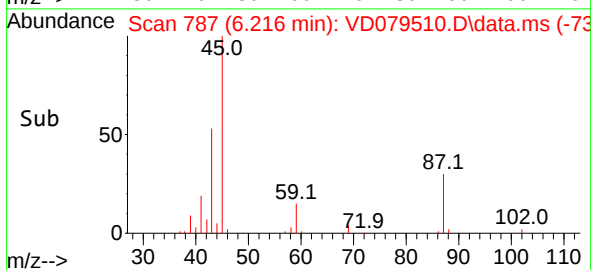
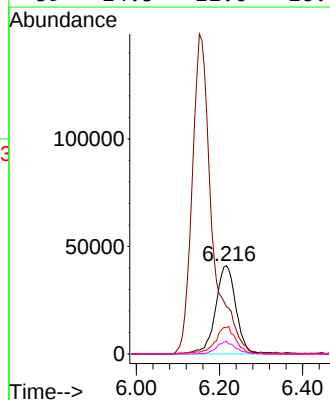
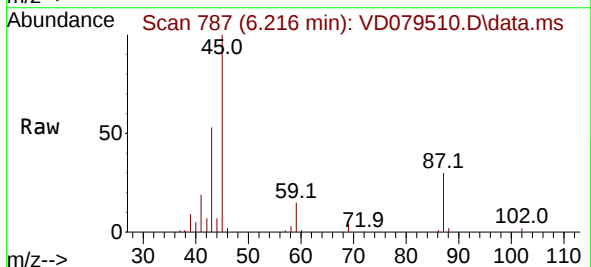
Instrument :
MSVOA_D
ClientSampleId :

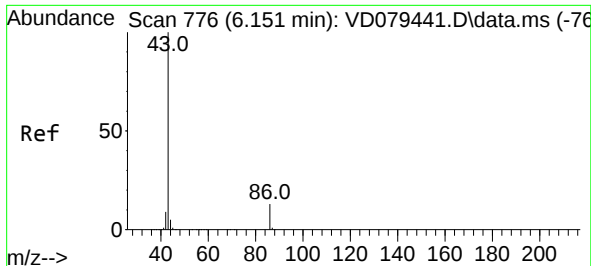
Tgt Ion: 96 Resp: 51157
Ion Ratio Lower Upper
96 100
61 122.8 84.5 126.7
98 60.8 50.5 75.7



#22
Diisopropyl ether
Concen: 22.071 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 45 Resp: 139487
Ion Ratio Lower Upper
45 100
43 52.3 41.7 62.5
87 29.7 30.2 45.2#
59 14.5 11.0 16.6

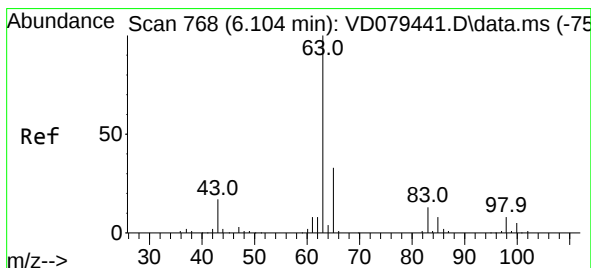
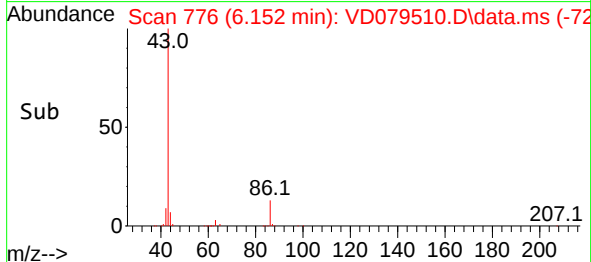
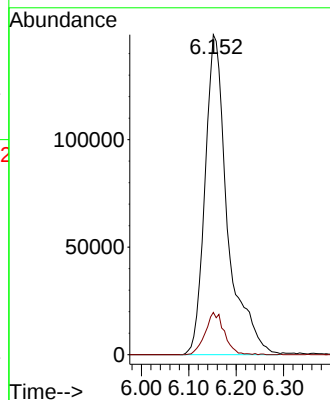
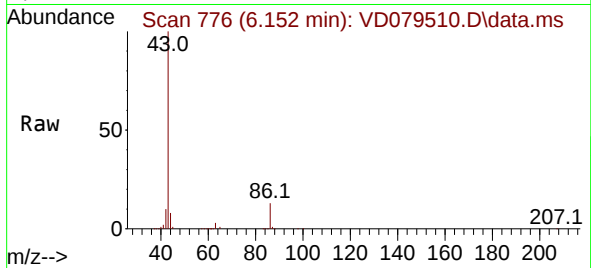




#23
 Vinyl Acetate
 Concen: 103.393 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

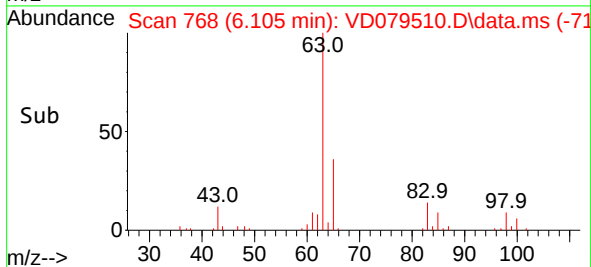
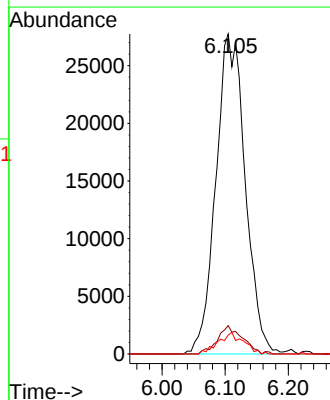
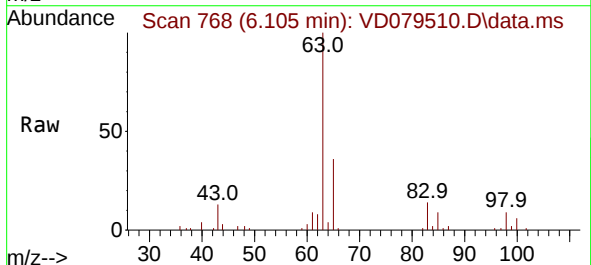
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 491196
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 21.178 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

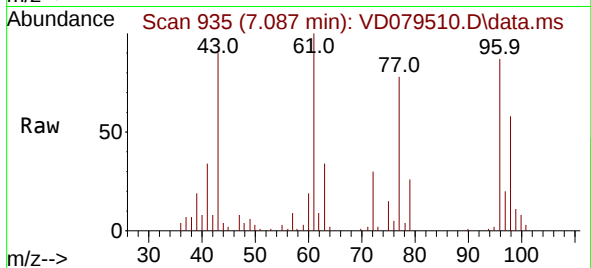
Tgt Ion: 63 Resp: 89692
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.7 14.0
 100 5.9 2.9 8.6



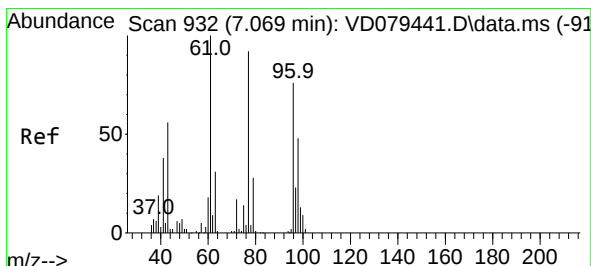
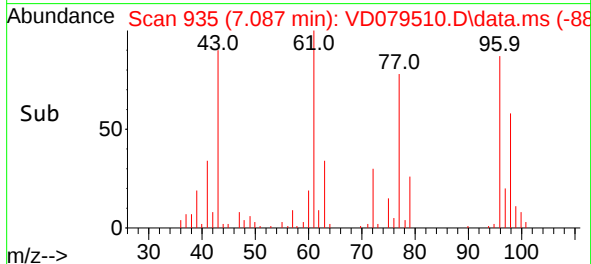
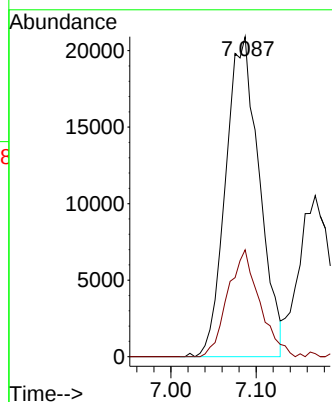


#25
2-Butanone
Concen: 102.747 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Instrument :
MSVOA_D
ClientSampleId :

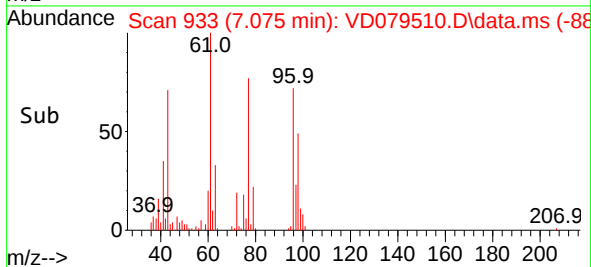
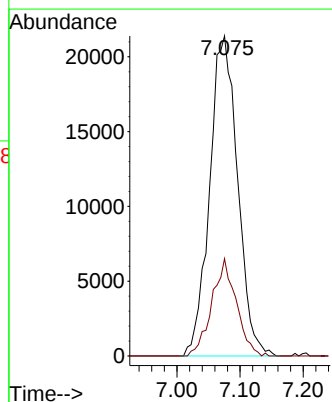
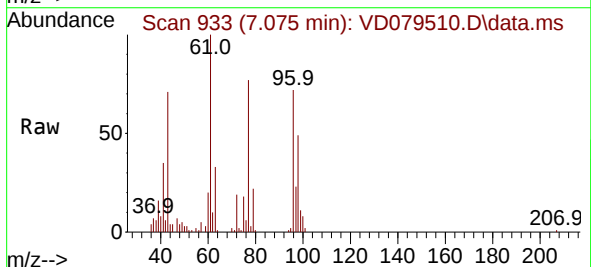


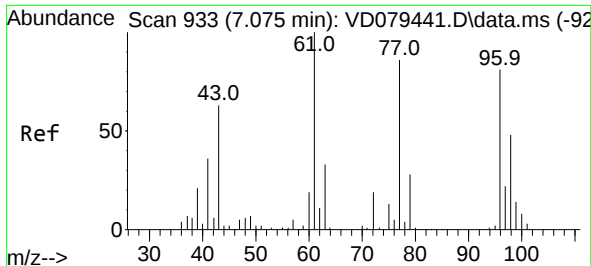
Tgt Ion: 43 Resp: 57254
Ion Ratio Lower Upper
43 100
72 33.4 26.4 39.6



#26
2,2-Dichloropropane
Concen: 19.216 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 77 Resp: 65828
Ion Ratio Lower Upper
77 100
97 26.6 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 21.075 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

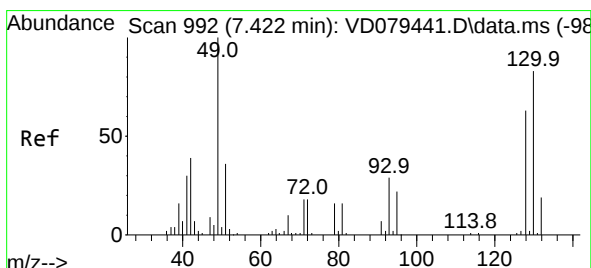
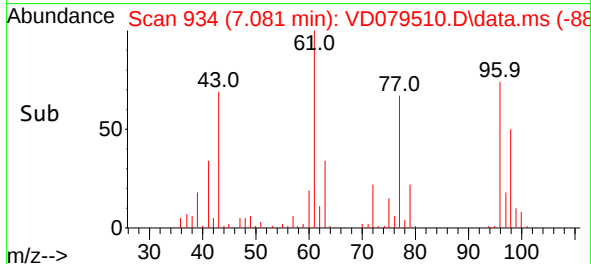
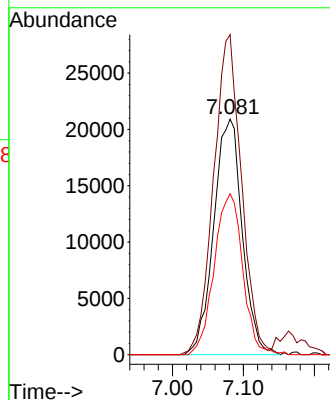
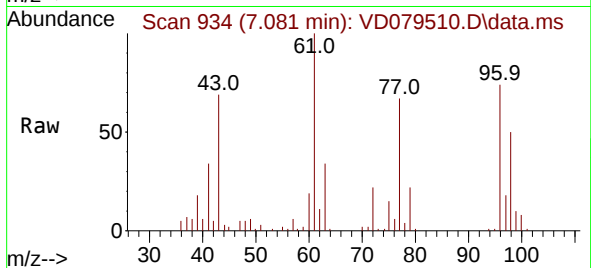
Tgt Ion: 96 Resp: 58210

Ion Ratio Lower Upper

96 100

61 133.0 0.0 229.0

98 68.4 0.0 127.2



#28

Bromochloromethane

Concen: 21.526 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.012 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

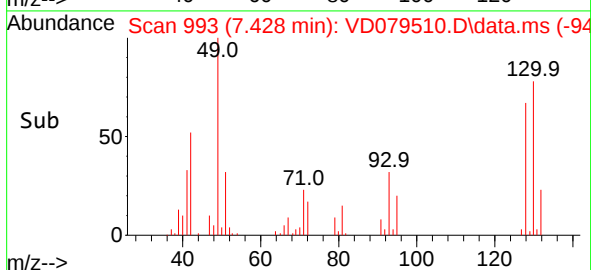
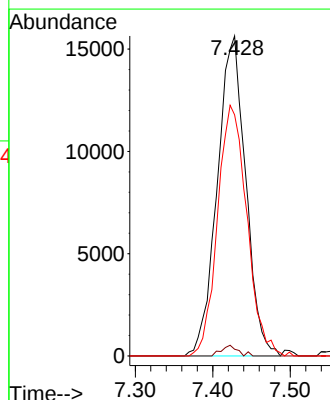
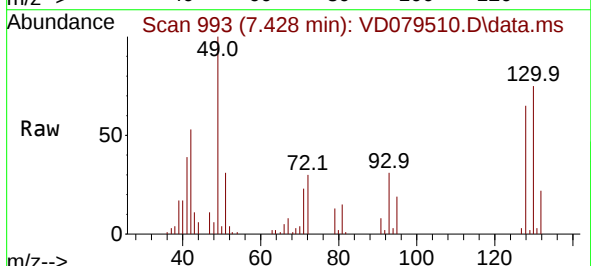
Tgt Ion: 49 Resp: 39977

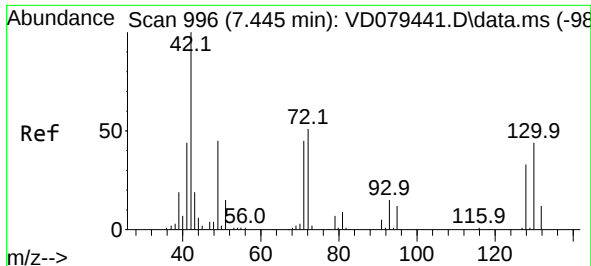
Ion Ratio Lower Upper

49 100

129 1.9 0.0 7.0

130 80.8 87.7 131.5#





#29

Tetrahydrofuran

Concen: 111.122 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

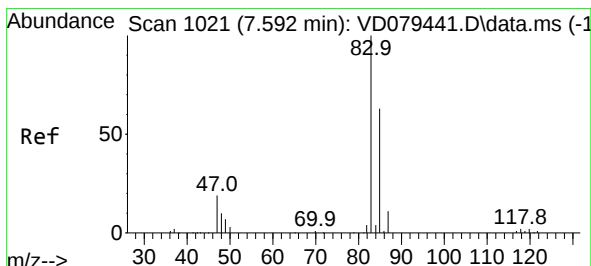
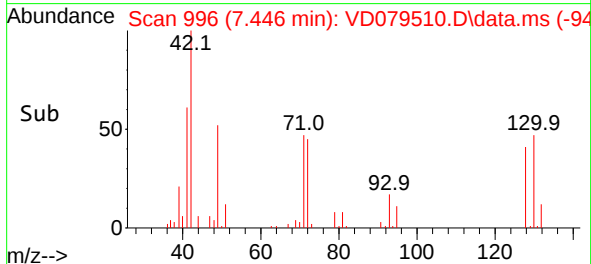
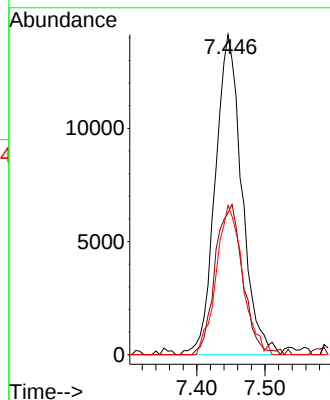
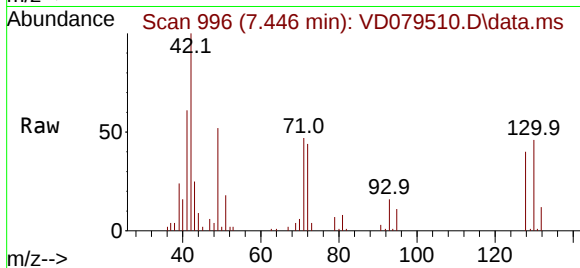
Tgt Ion: 42 Resp: 38374

Ion Ratio Lower Upper

42 100

72 49.3 49.4 74.0#

71 46.4 45.0 67.6



#30

Chloroform

Concen: 23.092 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079510.D

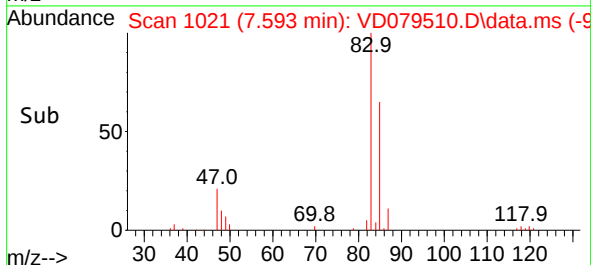
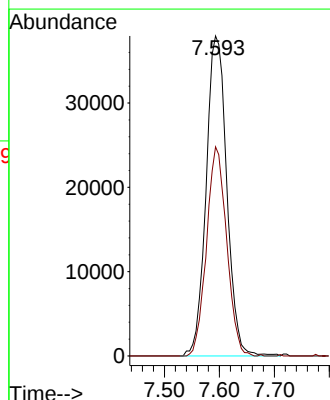
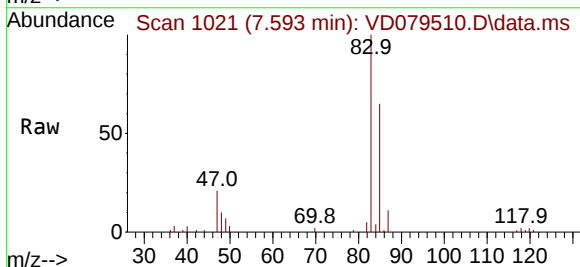
Acq: 31 Jul 2024 23:30

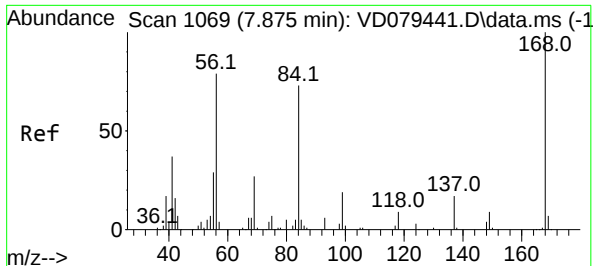
Tgt Ion: 83 Resp: 99037

Ion Ratio Lower Upper

83 100

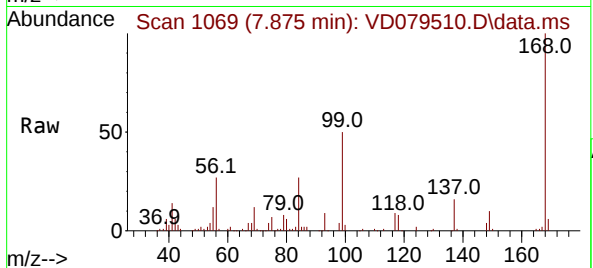
85 65.4 51.8 77.6



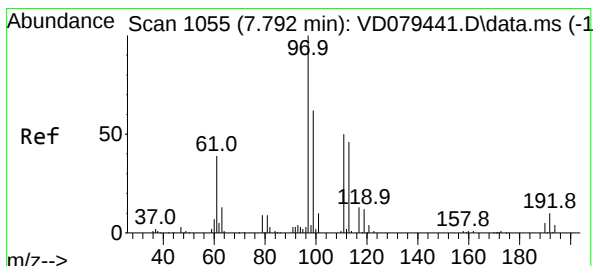
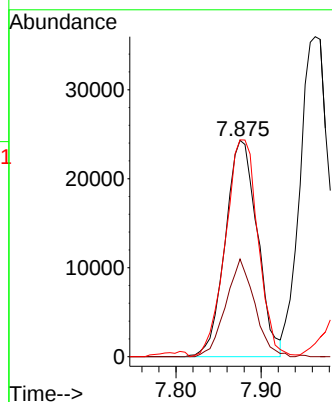
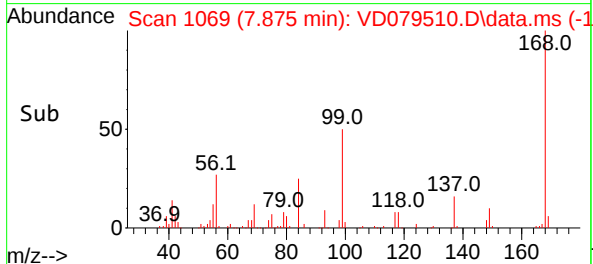


#31
Cyclohexane
Concen: 18.982 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

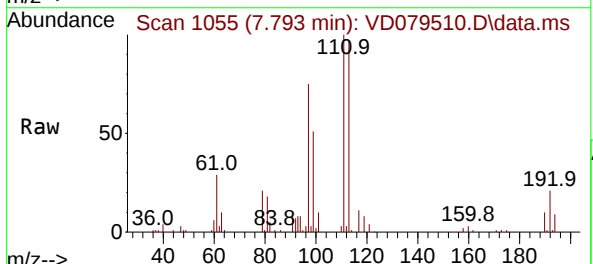
Instrument :
MSVOA_D
ClientSampleId :



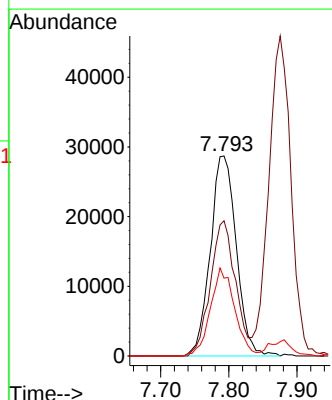
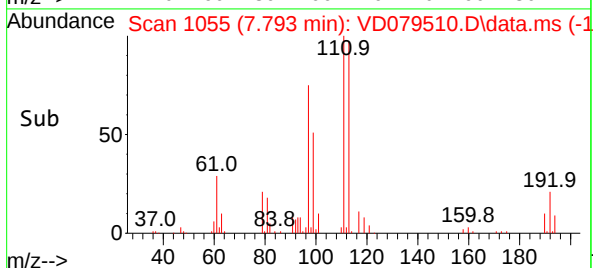
Tgt Ion: 56 Resp: 63757
Ion Ratio Lower Upper
56 100
69 45.1 28.0 42.0#
84 97.8 87.4 131.0

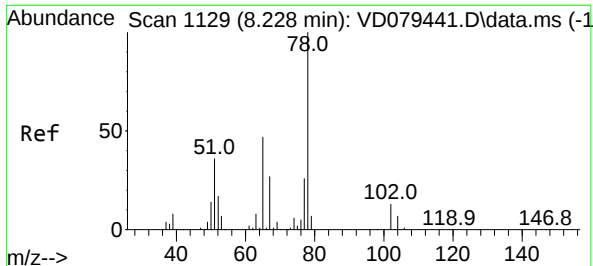


#32
1,1,1-Trichloroethane
Concen: 21.515 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30



Tgt Ion: 97 Resp: 76141
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 40.9 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 58.469 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

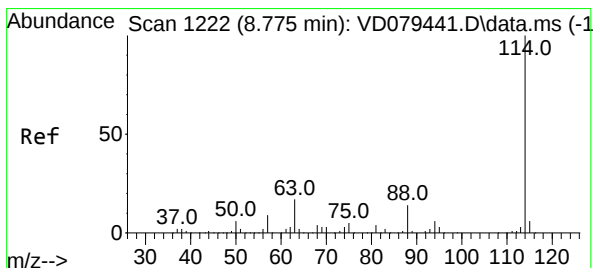
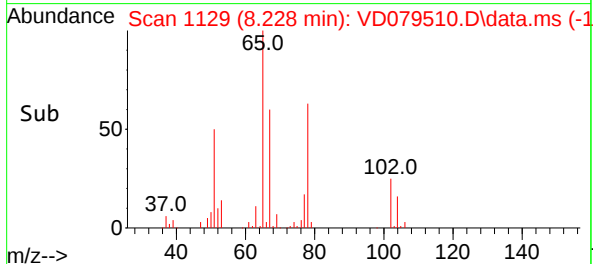
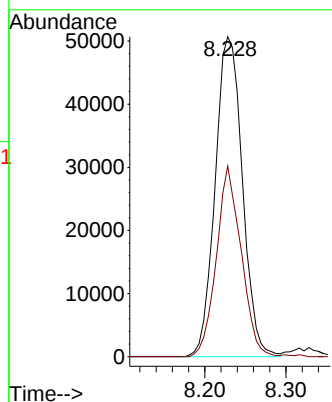
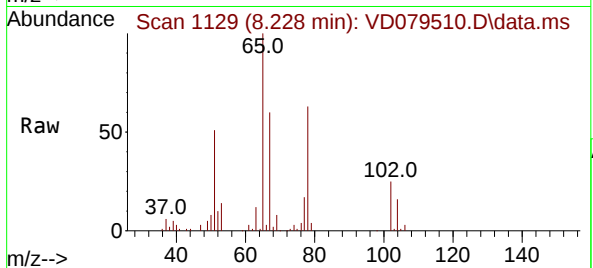
ClientSampleId :

Tgt Ion: 65 Resp: 118250

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

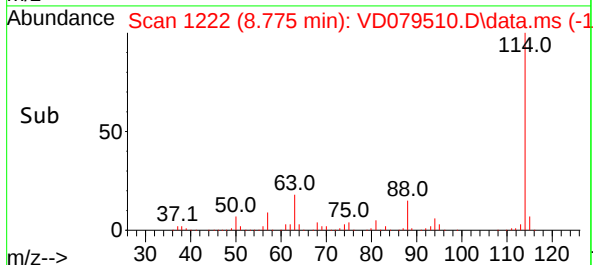
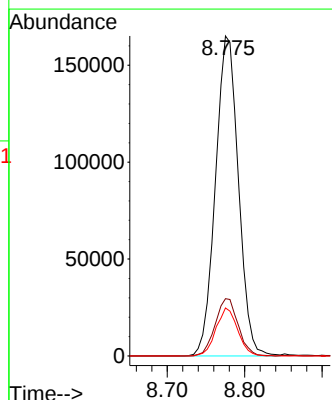
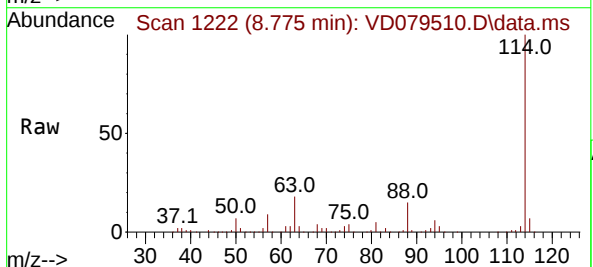
Tgt Ion: 114 Resp: 340667

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 15.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.769 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

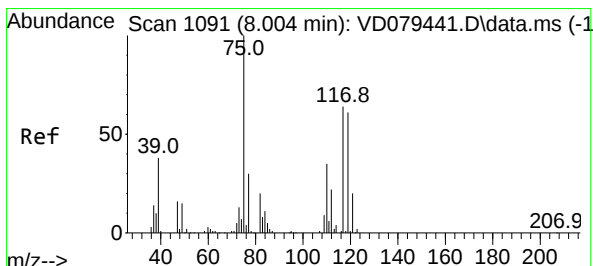
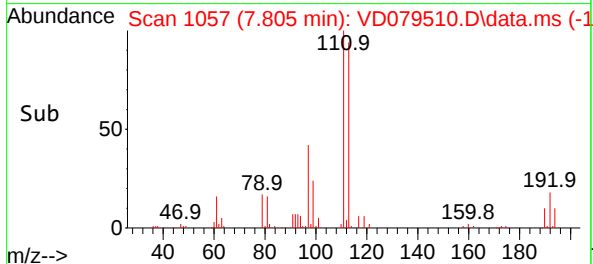
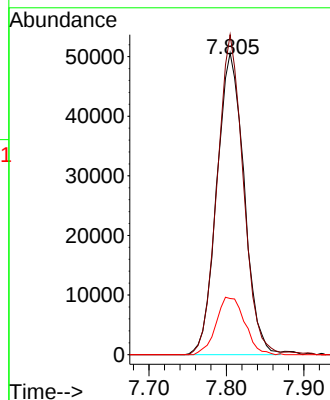
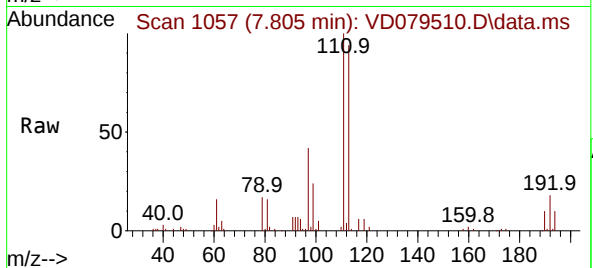
Tgt Ion:113 Resp: 123981

Ion Ratio Lower Upper

113 100

111 101.9 84.0 126.0

192 20.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 20.262 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

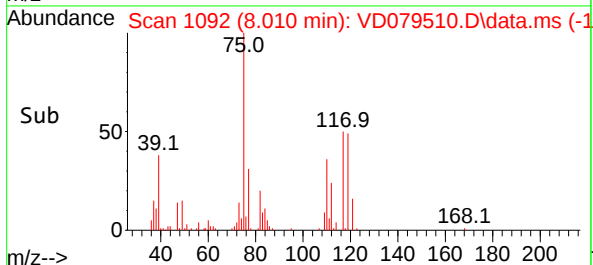
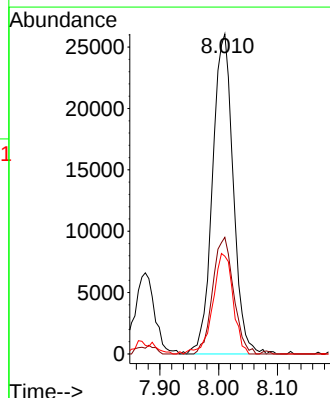
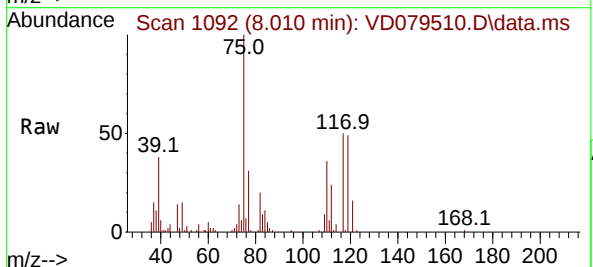
Tgt Ion: 75 Resp: 63769

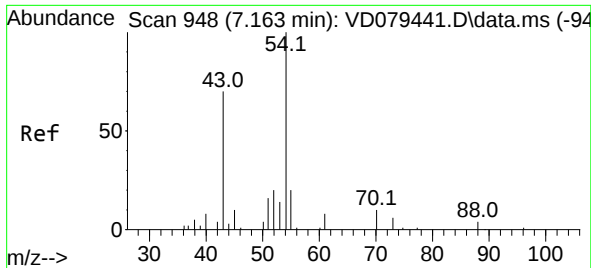
Ion Ratio Lower Upper

75 100

110 36.6 19.6 58.7

77 30.6 26.1 39.1





#37

Ethyl Acetate

Concen: 23.036 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD079510.D

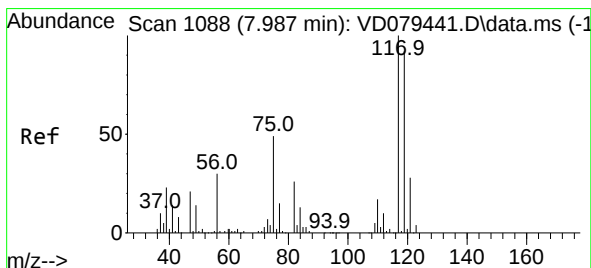
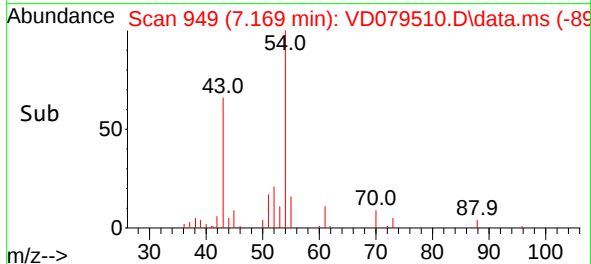
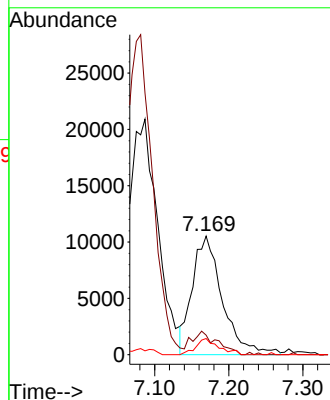
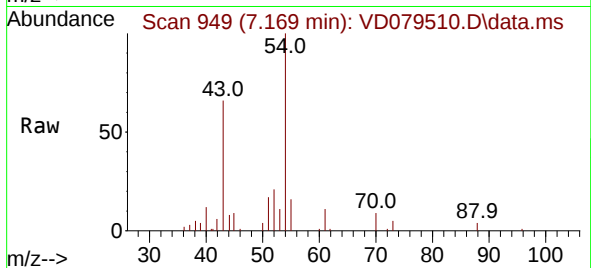
Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 29725
Ion Ratio	Lower Upper
43	100
61	16.5 13.9 20.9
70	10.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 21.174 ug/l

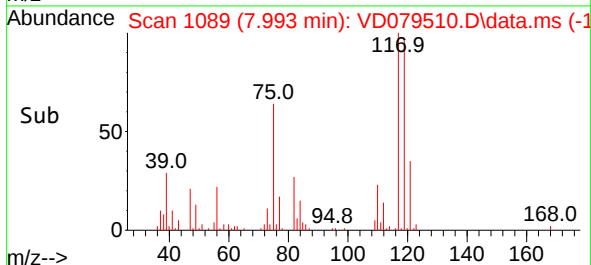
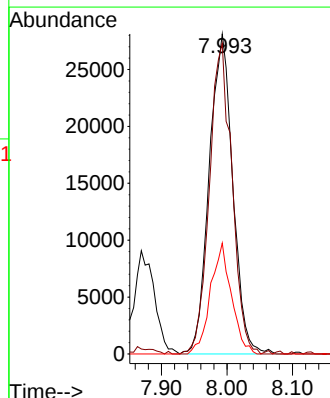
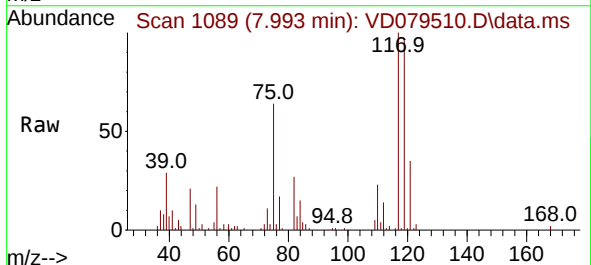
RT: 7.993 min Scan# 1089

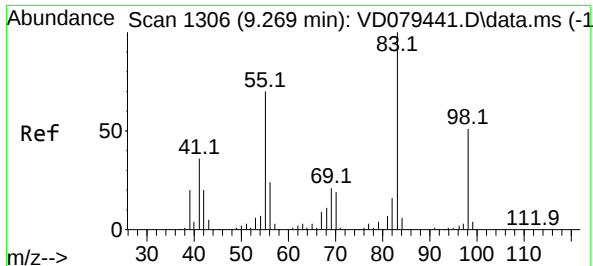
Delta R.T. 0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Tgt Ion: 117	Resp: 70051
Ion Ratio	Lower Upper
117	100
119	97.1 75.4 113.0
121	34.6 25.0 37.4





#39

Methylcyclohexane

Concen: 18.215 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

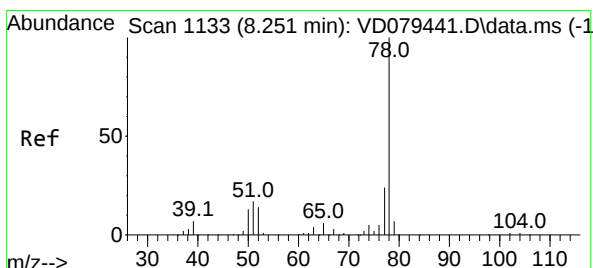
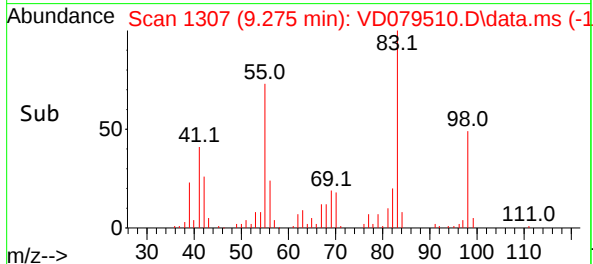
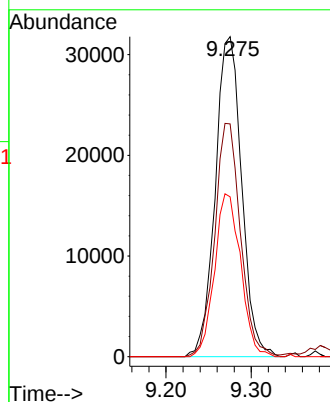
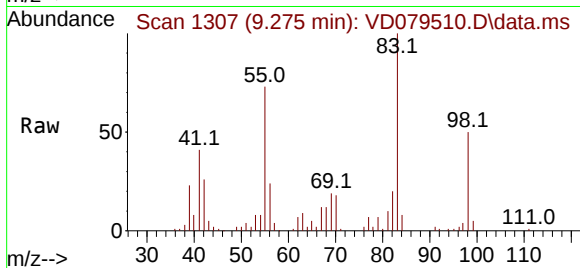
Tgt Ion: 83 Resp: 68399

Ion Ratio Lower Upper

83 100

55 72.7 50.1 75.1

98 50.0 41.9 62.9



#40

Benzene

Concen: 20.818 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079510.D

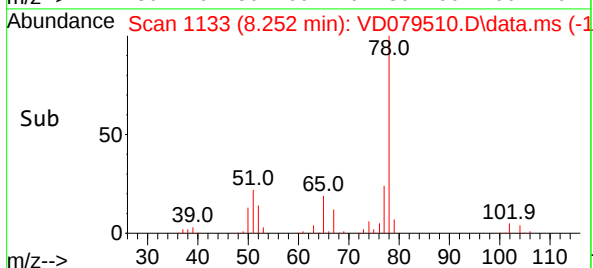
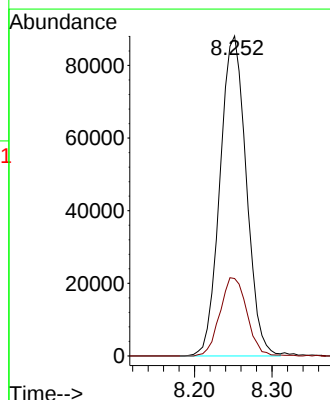
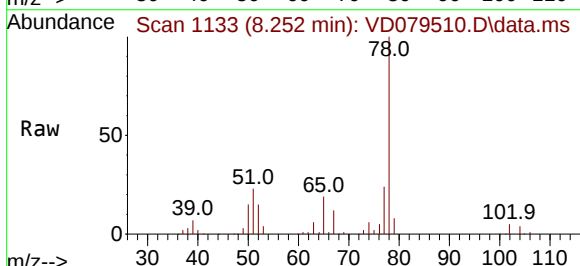
Acq: 31 Jul 2024 23:30

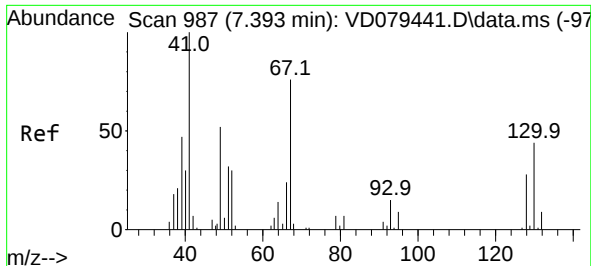
Tgt Ion: 78 Resp: 208092

Ion Ratio Lower Upper

78 100

77 24.2 18.1 27.1

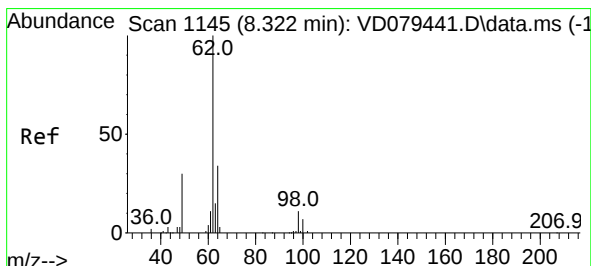
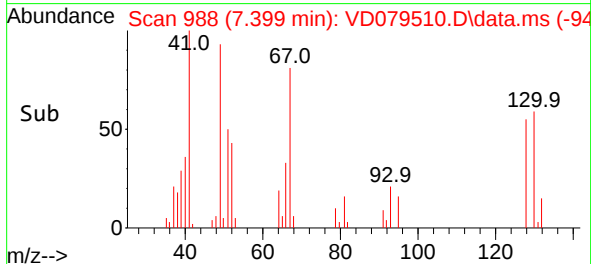
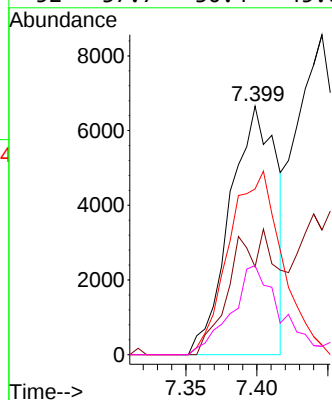
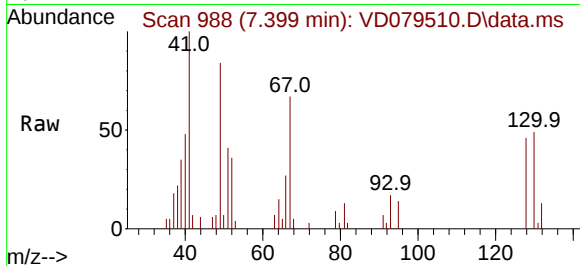




#41
Methacrylonitrile
Concen: 21.337 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

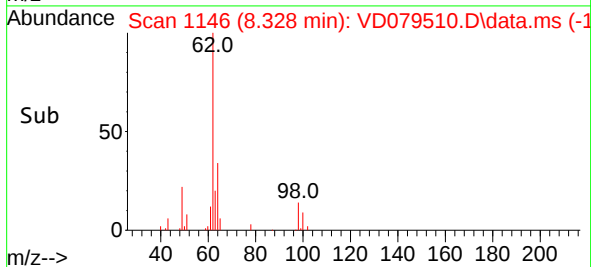
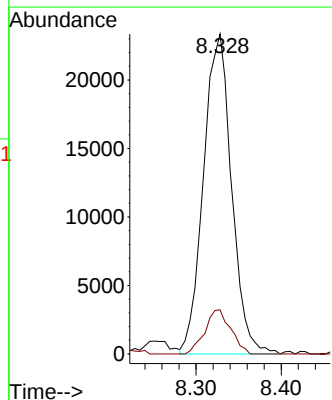
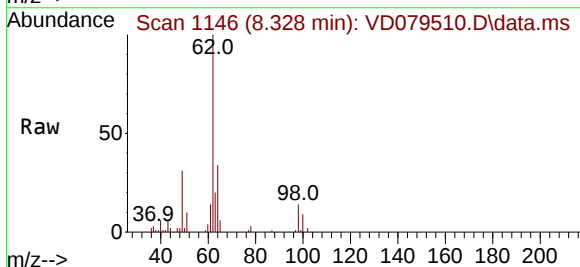
Instrument :
MSVOA_D
ClientSampleId :

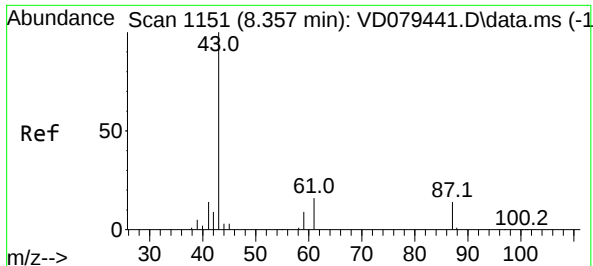
Tgt Ion:	41	Resp:	15144
Ion	Ratio	Lower	Upper
41	100		
39	29.4	41.4	62.0#
67	84.5	85.8	128.6#
52	37.7	30.4	45.6



#42
1,2-Dichloroethane
Concen: 22.464 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion:	62	Resp:	53509
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	25.8





#43

Isopropyl Acetate

Concen: 21.640 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

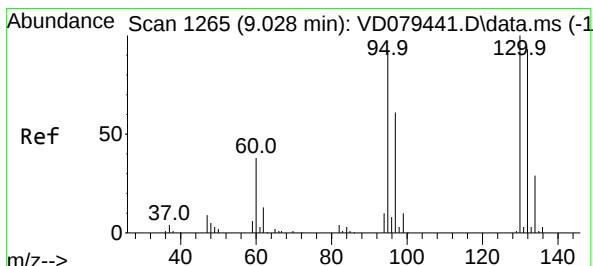
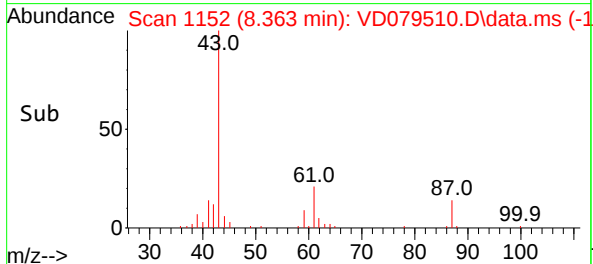
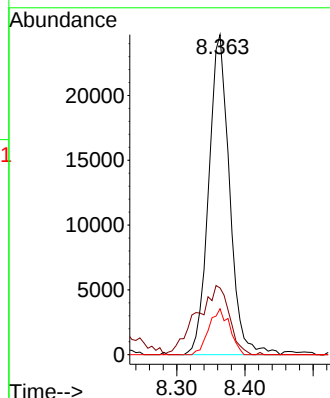
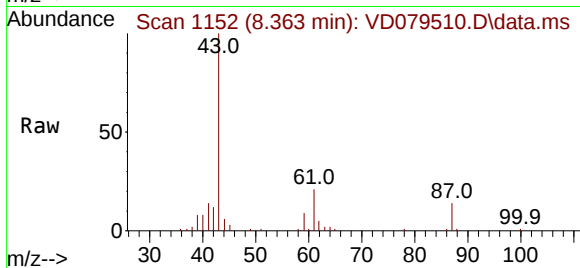
Tgt Ion: 43 Resp: 52479

Ion Ratio Lower Upper

43 100

61 33.6 29.3 43.9

87 14.3 14.9 22.3#



#44

Trichloroethene

Concen: 20.575 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079510.D

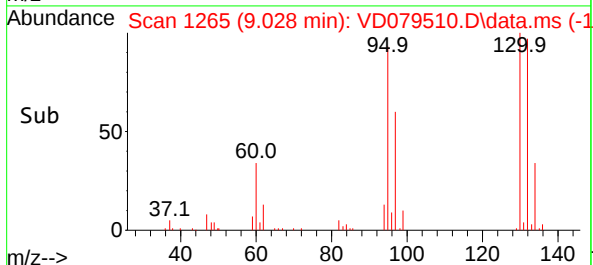
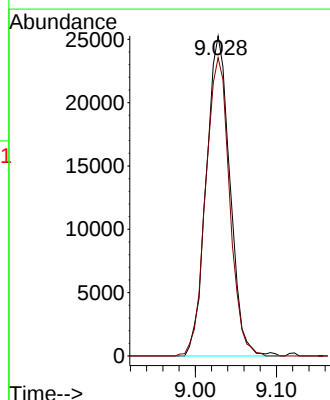
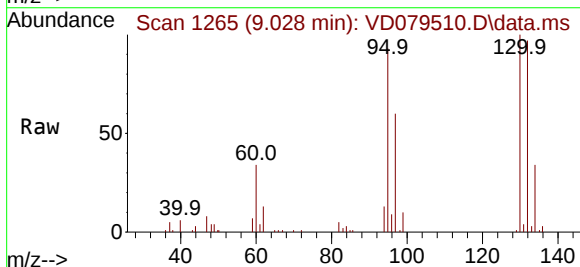
Acq: 31 Jul 2024 23:30

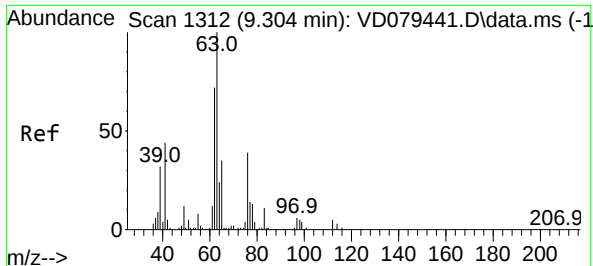
Tgt Ion:130 Resp: 51198

Ion Ratio Lower Upper

130 100

95 93.2 0.0 177.8





#45

1,2-Dichloropropane

Concen: 21.748 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

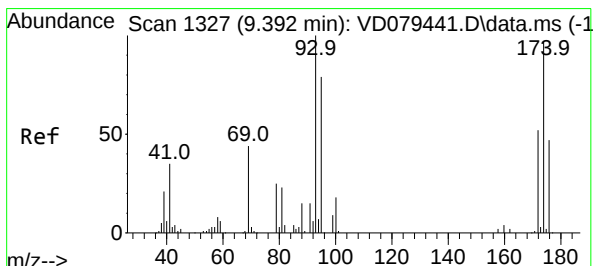
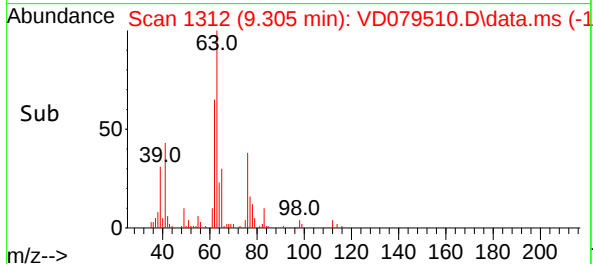
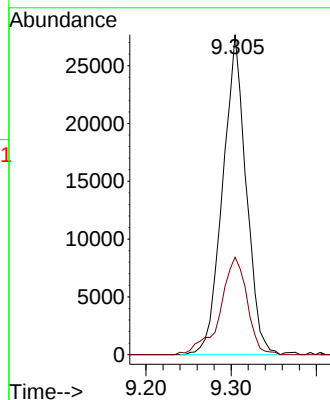
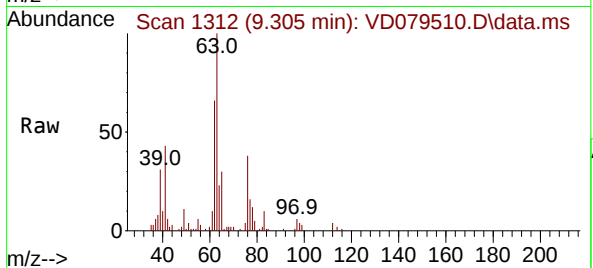
ClientSampleId :

Tgt Ion: 63 Resp: 52905

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8



#46

Dibromomethane

Concen: 23.159 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

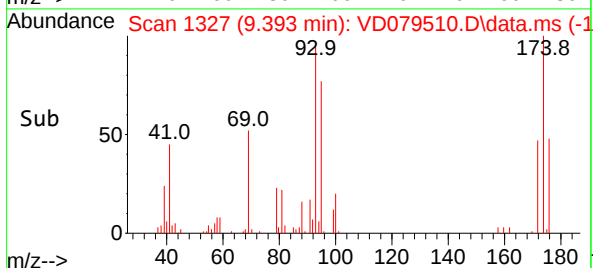
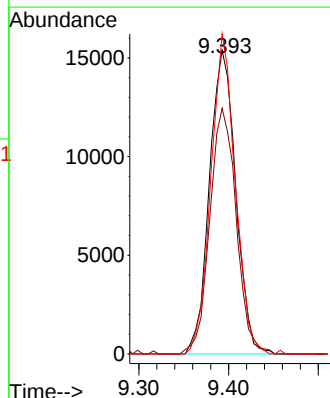
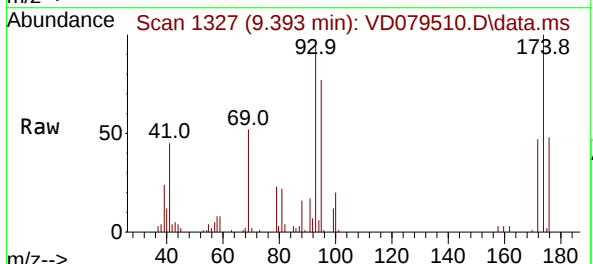
Tgt Ion: 93 Resp: 31232

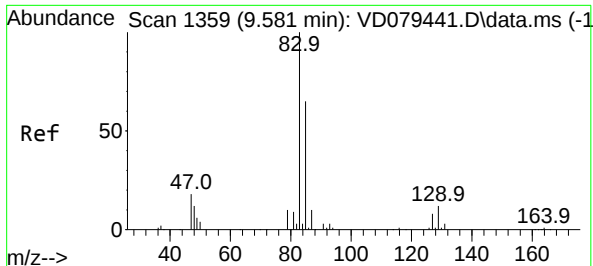
Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

174 97.8 82.3 123.5





#47

Bromodichloromethane

Concen: 22.157 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

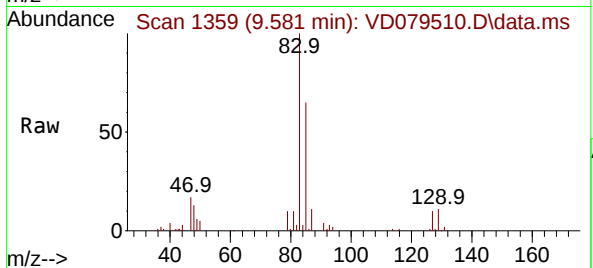
Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

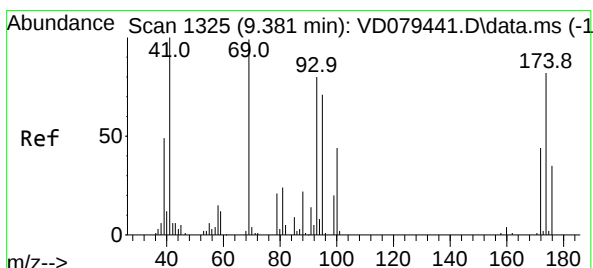
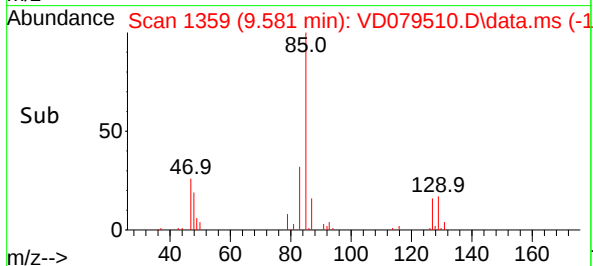
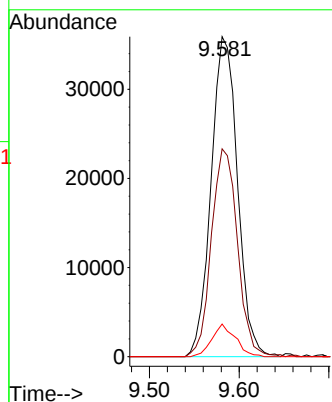
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	73368
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.1	75.1
127	10.2	6.8	10.2



#48

Methyl methacrylate

Concen: 19.605 ug/l

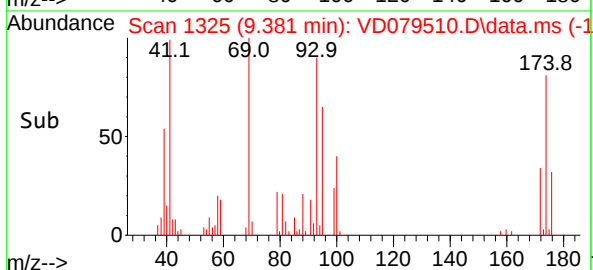
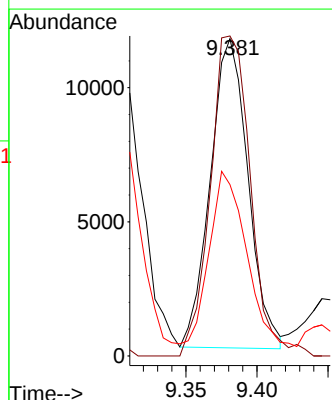
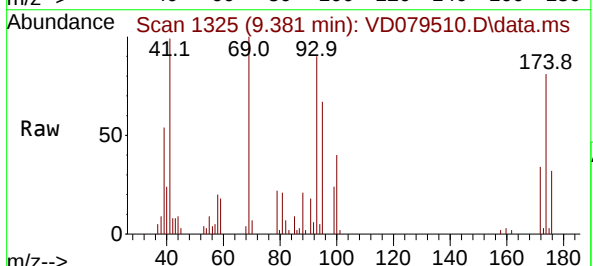
RT: 9.381 min Scan# 1325

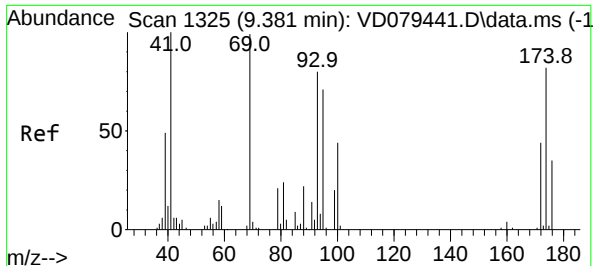
Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Tgt Ion:	41	Resp:	21277
Ion Ratio	Lower	Upper	
41	100		
69	110.1	96.7	145.1
39	63.2	43.8	65.6





#49

1,4-Dioxane

Concen: 420.791 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

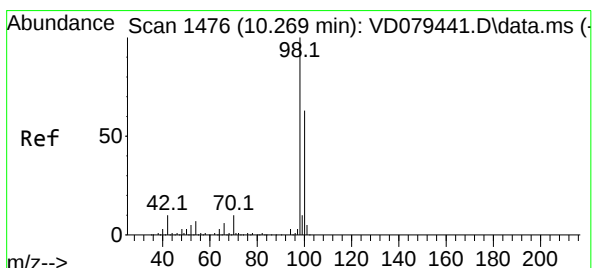
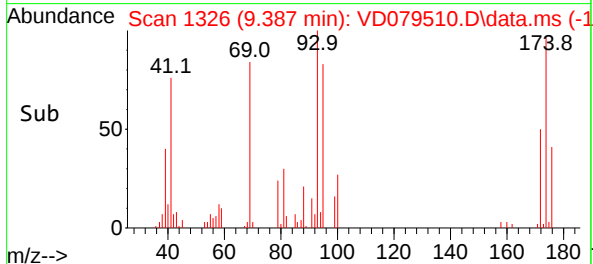
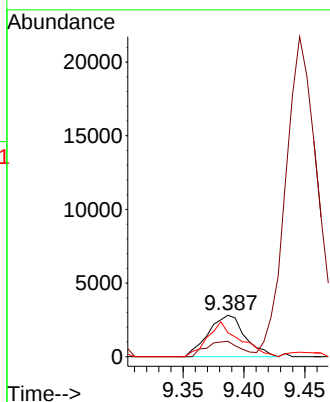
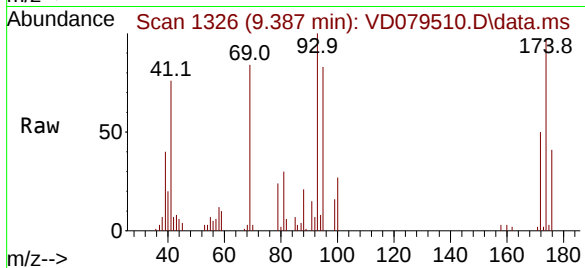
Tgt Ion: 88 Resp: 5880

Ion Ratio Lower Upper

88 100

43 35.5 21.5 32.3#

58 73.5 42.2 63.4#



#50

Toluene-d8

Concen: 53.939 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079510.D

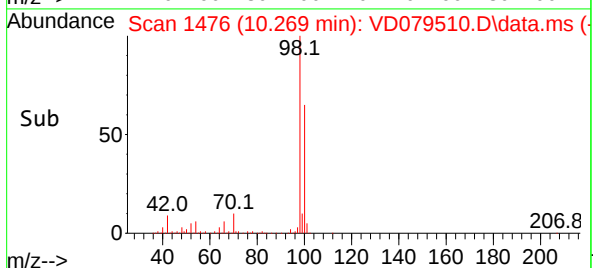
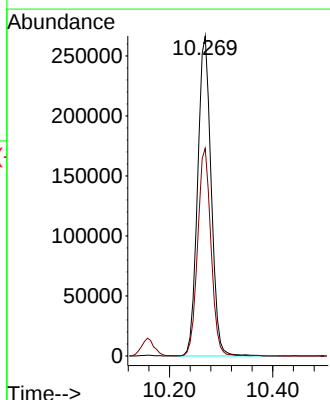
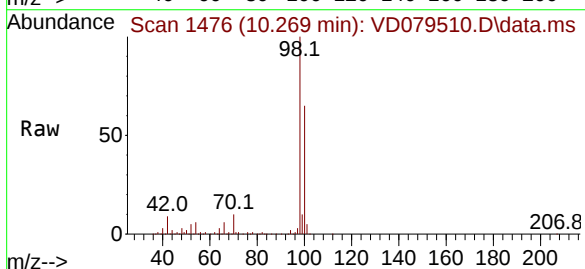
Acq: 31 Jul 2024 23:30

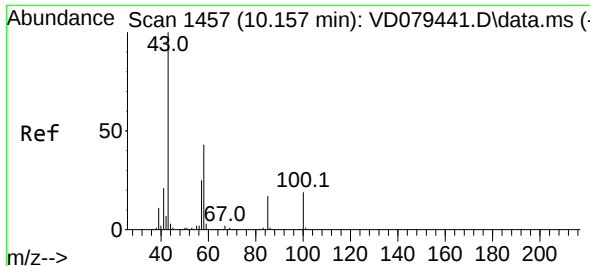
Tgt Ion: 98 Resp: 482982

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4

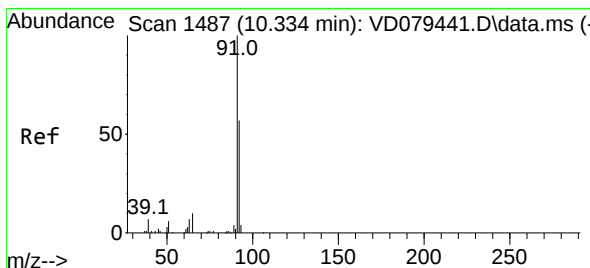
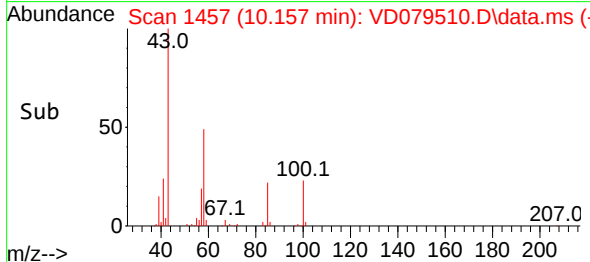
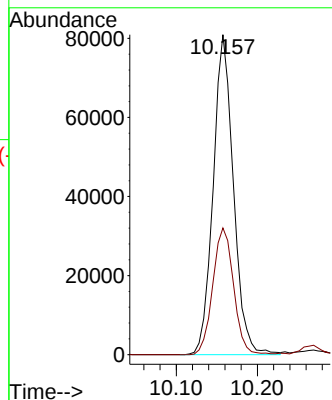
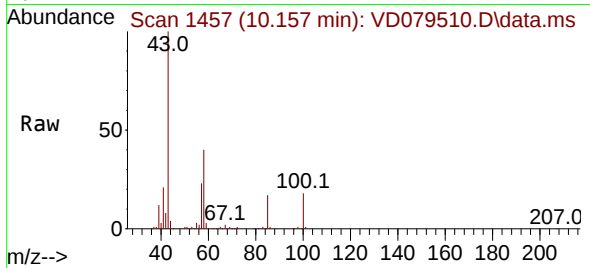




#51
4-Methyl-2-Pentanone
Concen: 113.398 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

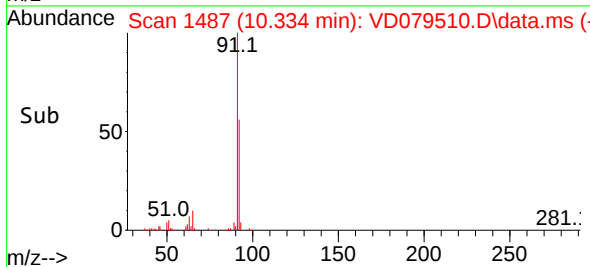
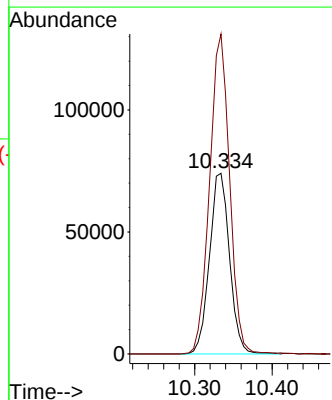
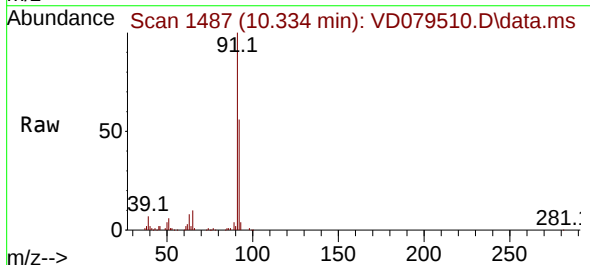
Instrument :
MSVOA_D
ClientSampleId :

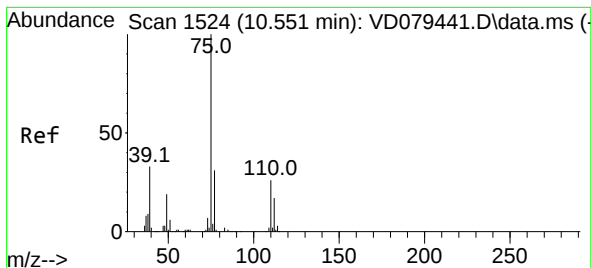
Tgt Ion: 43 Resp: 140402
Ion Ratio Lower Upper
43 100
58 40.7 36.6 55.0



#52
Toluene
Concen: 21.525 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 92 Resp: 133069
Ion Ratio Lower Upper
92 100
91 176.3 141.7 212.5

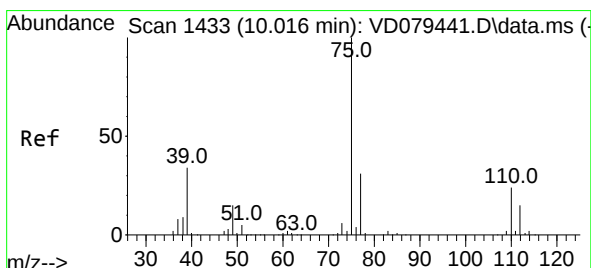
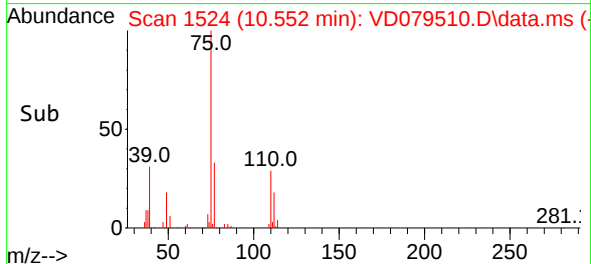
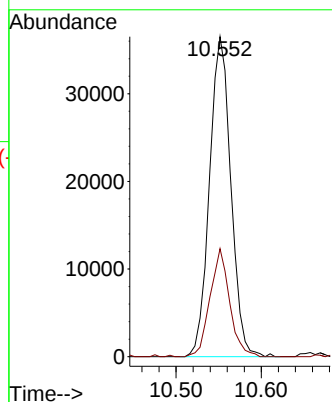
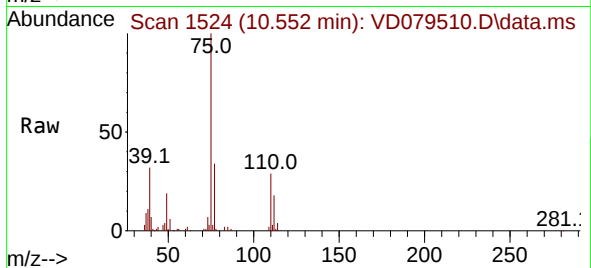




#53
t-1,3-Dichloropropene
Concen: 20.796 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

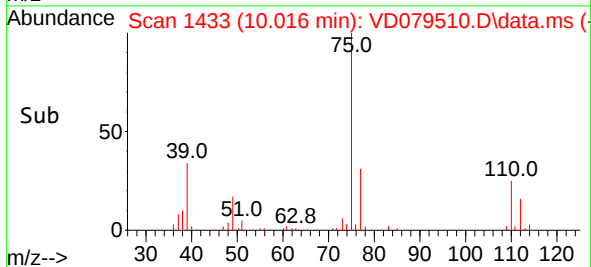
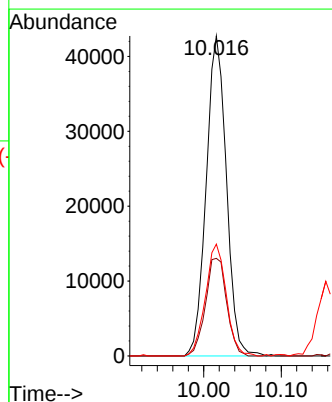
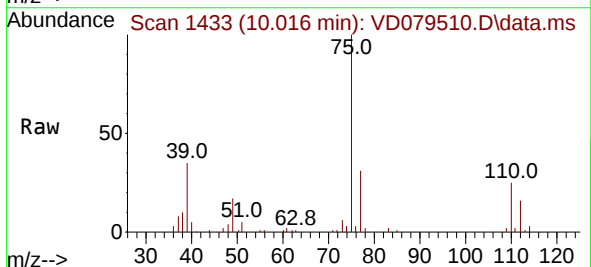
Instrument :
MSVOA_D
ClientSampleId :

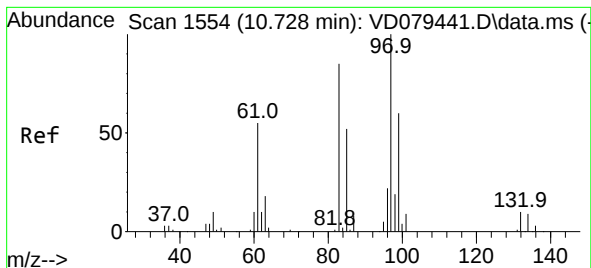
Tgt Ion: 75 Resp: 63591
Ion Ratio Lower Upper
75 100
77 33.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 21.009 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 75 Resp: 77274
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6
39 35.0 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 22.433 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

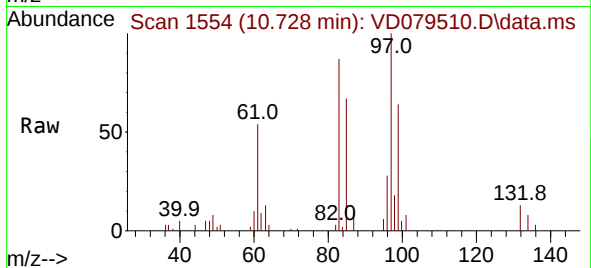
Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 39851

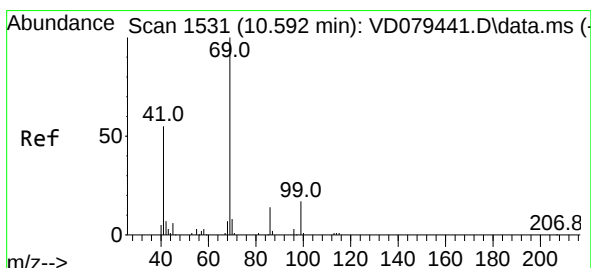
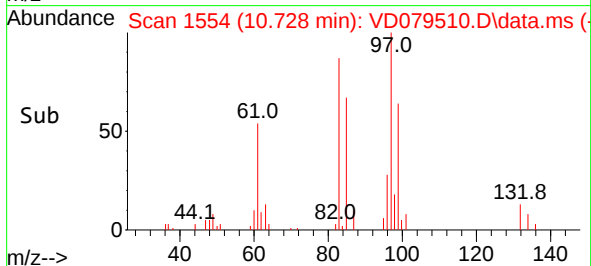
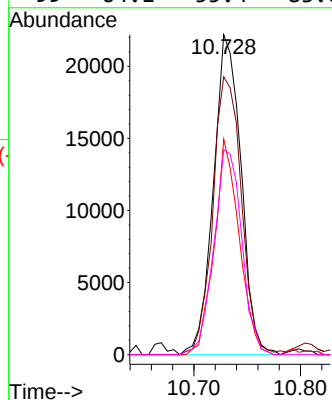
Ion Ratio Lower Upper

97 100

83 86.8 65.8 98.8

85 67.4 43.8 65.8#

99 64.1 55.4 83.0



#56

Ethyl methacrylate

Concen: 22.018 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

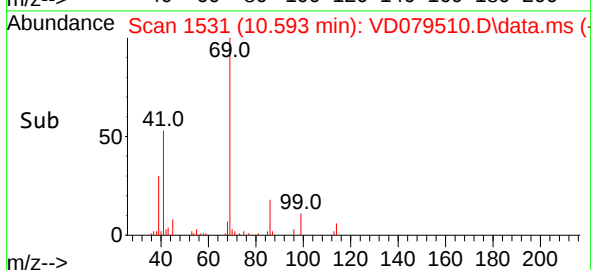
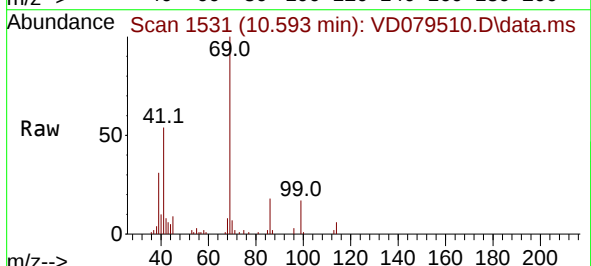
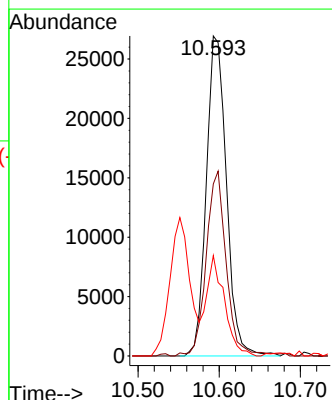
Tgt Ion: 69 Resp: 46345

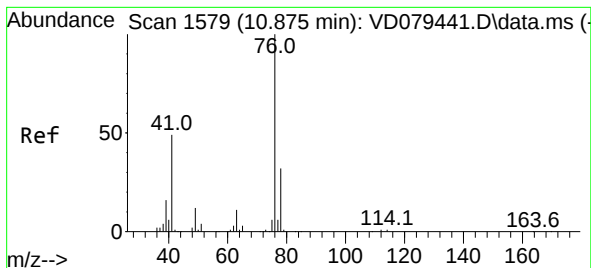
Ion Ratio Lower Upper

69 100

41 58.0 39.8 59.6

39 28.1 20.2 30.4





#57

1,3-Dichloropropane

Concen: 22.512 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

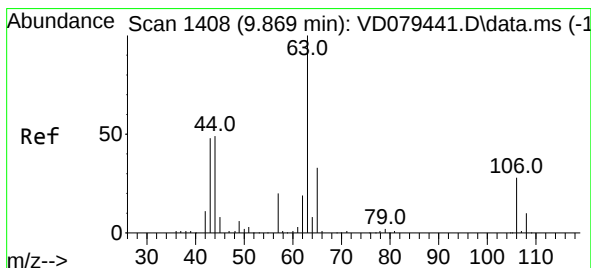
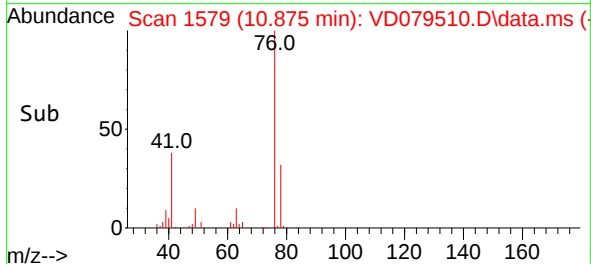
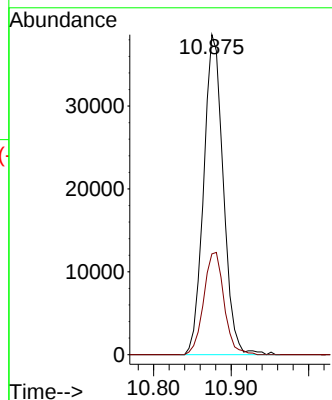
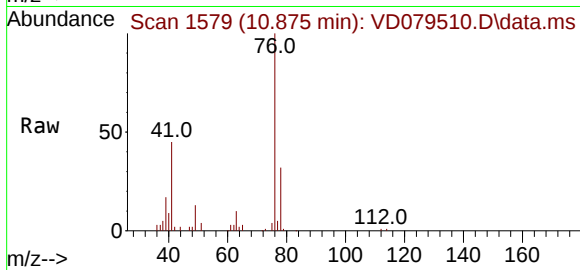
ClientSampleId :

Tgt Ion: 76 Resp: 67957

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.794 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079510.D

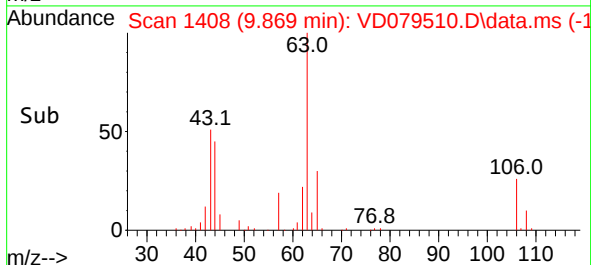
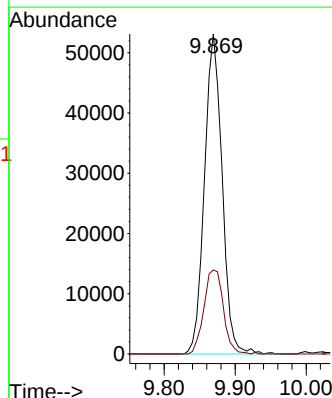
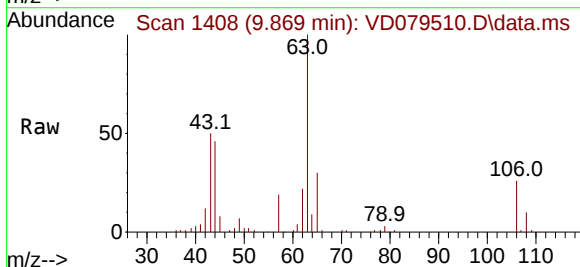
Acq: 31 Jul 2024 23:30

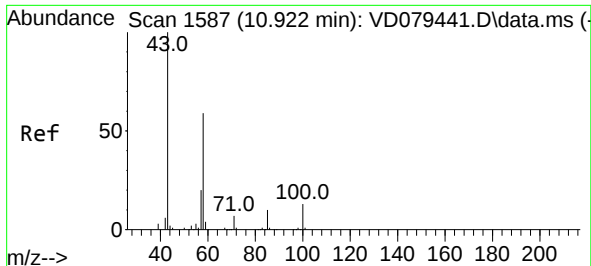
Tgt Ion: 63 Resp: 92018

Ion Ratio Lower Upper

63 100

106 28.8 26.4 39.6

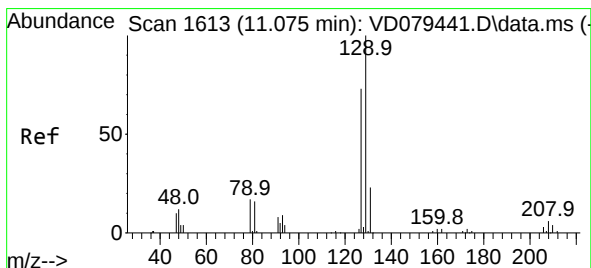
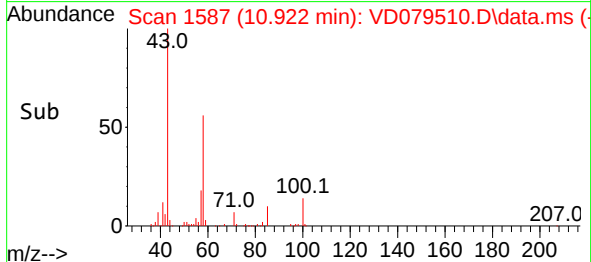
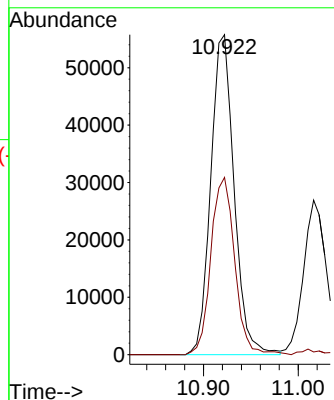
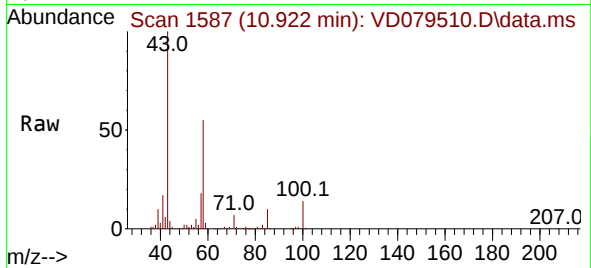




#59
2-Hexanone
Concen: 110.484 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

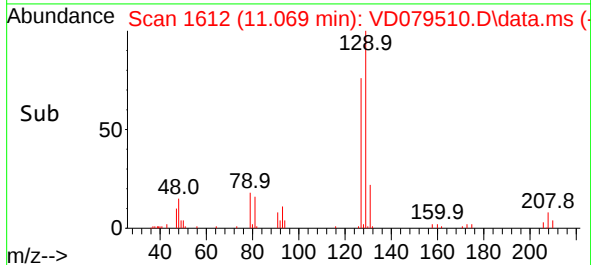
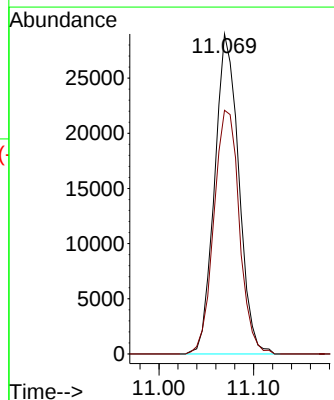
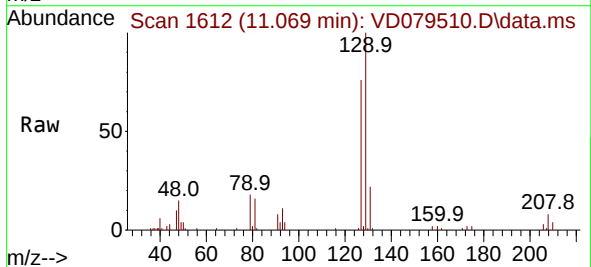
Instrument :
MSVOA_D
ClientSampleId :

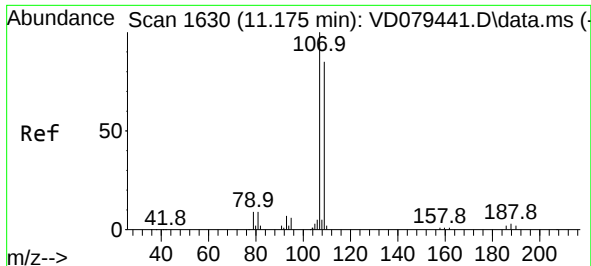
Tgt Ion: 43 Resp: 95403
Ion Ratio Lower Upper
43 100
58 56.4 31.1 93.5



#60
Dibromochloromethane
Concen: 22.141 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion:129 Resp: 51381
Ion Ratio Lower Upper
129 100
127 80.4 38.0 113.9

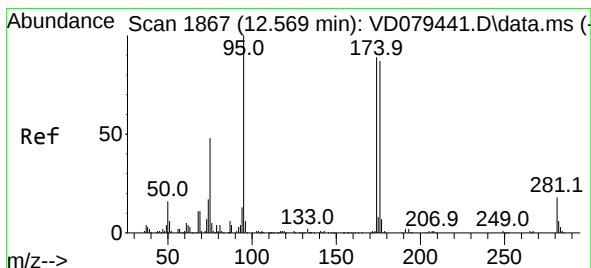
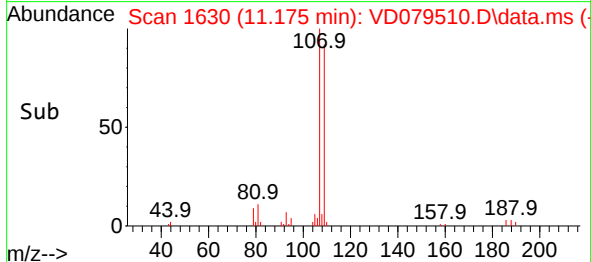
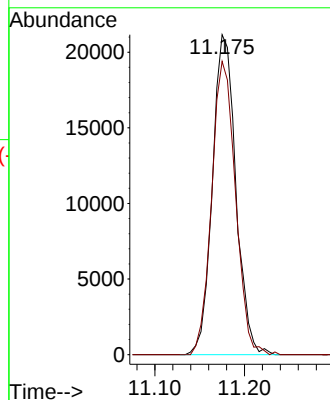
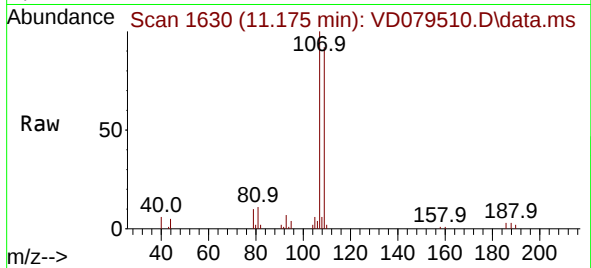




#61
1,2-Dibromoethane
Concen: 23.060 ug/l
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

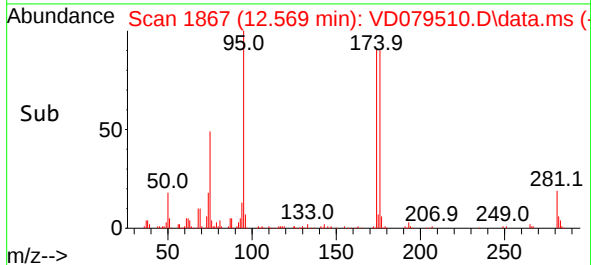
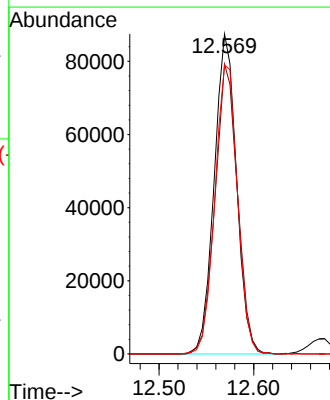
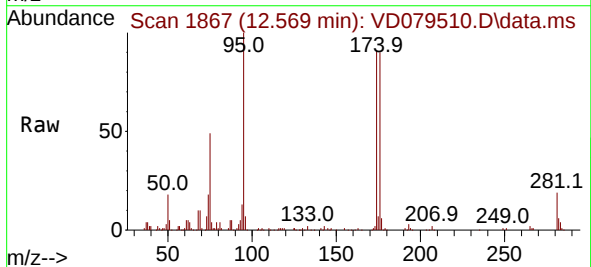
Instrument :
MSVOA_D
ClientSampleId :

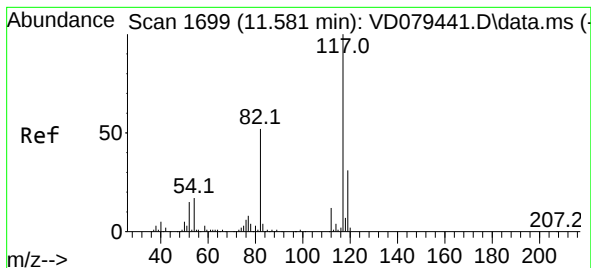
Tgt Ion:107 Resp: 38378
Ion Ratio Lower Upper
107 100
109 93.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 55.170 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 95 Resp: 142956
Ion Ratio Lower Upper
95 100
174 91.3 0.0 195.4
176 91.8 0.0 192.6

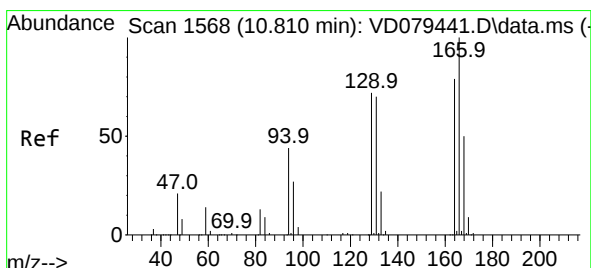
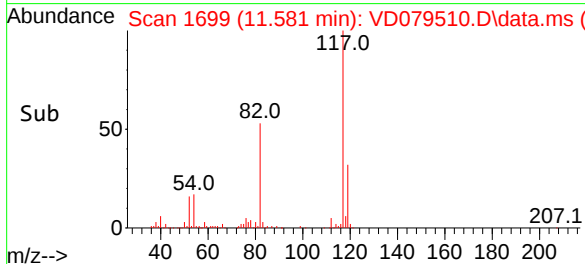
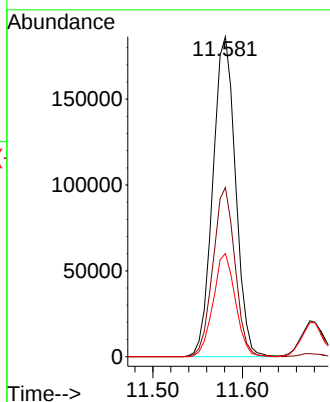
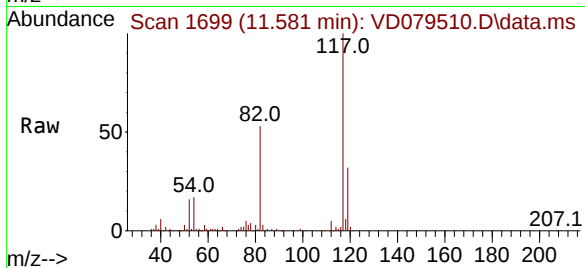




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

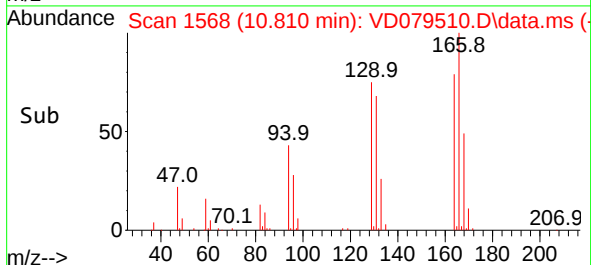
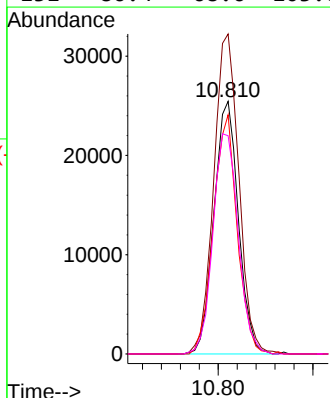
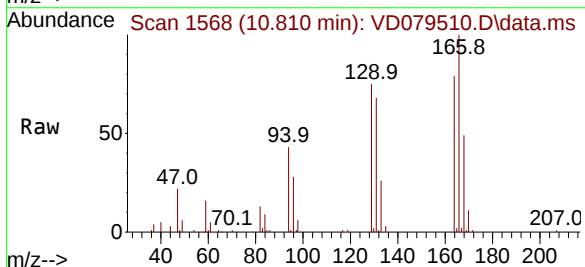
Instrument :
MSVOA_D
ClientSampleId :

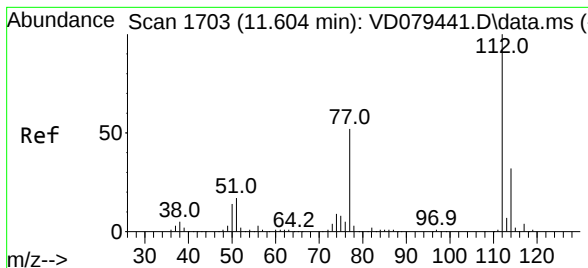
Tgt Ion:117 Resp: 326827
Ion Ratio Lower Upper
117 100
82 52.9 39.8 59.6
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 20.757 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion:164 Resp: 45745
Ion Ratio Lower Upper
164 100
166 126.7 108.6 163.0
129 94.7 74.6 112.0
131 86.4 68.6 103.0

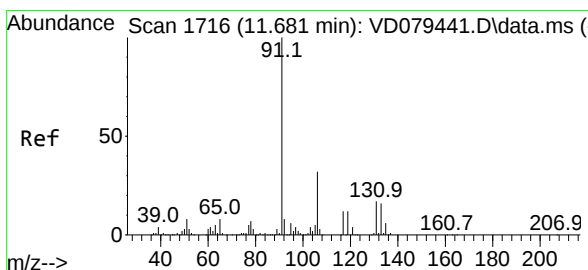
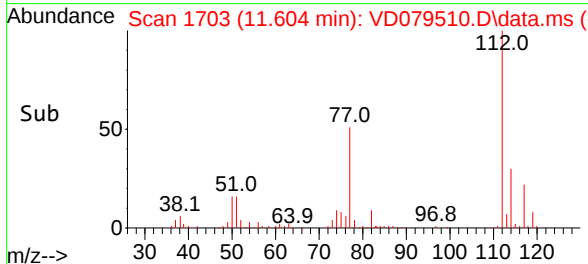
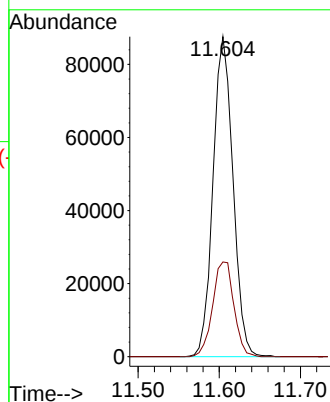
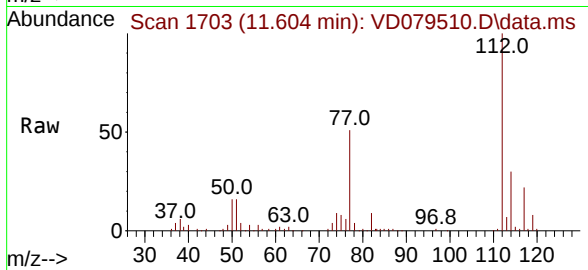




#65
Chlorobenzene
Concen: 20.671 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

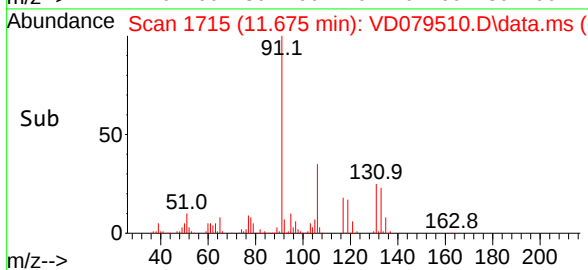
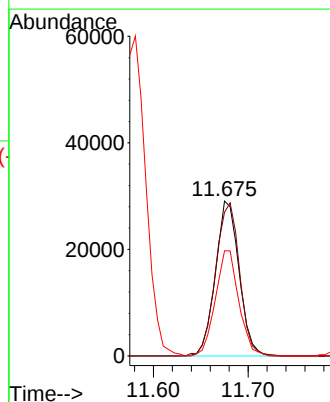
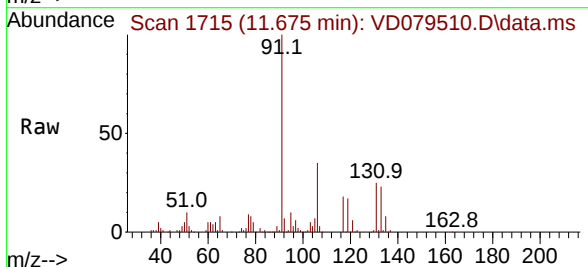
Instrument :
MSVOA_D
ClientSampleId :

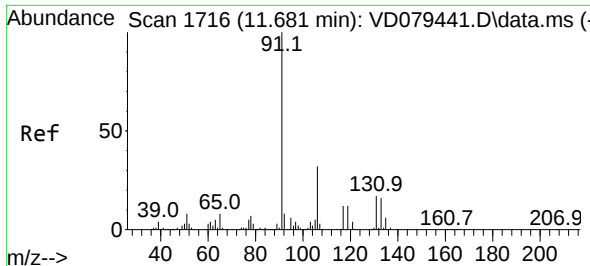
Tgt Ion:112 Resp: 149600
Ion Ratio Lower Upper
112 100
114 29.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.145 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion:131 Resp: 50349
Ion Ratio Lower Upper
131 100
133 100.9 49.2 147.6
119 67.5 33.4 100.2

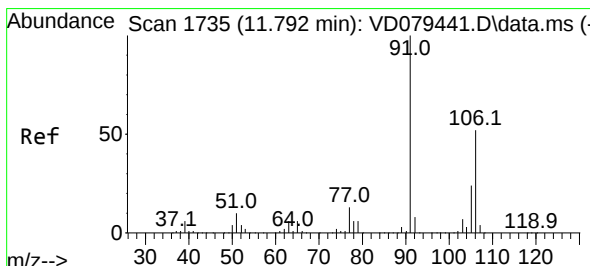
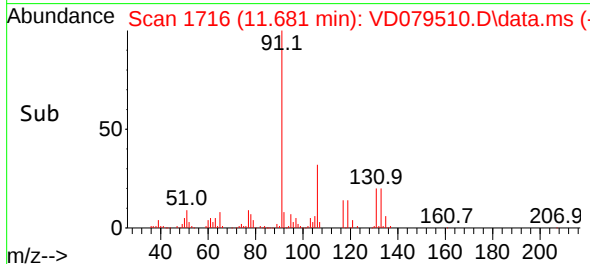
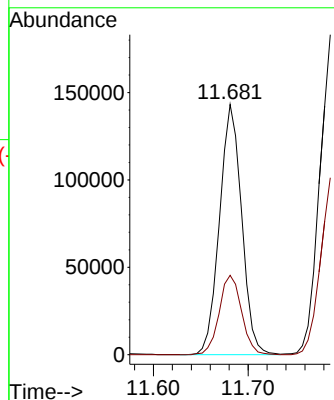
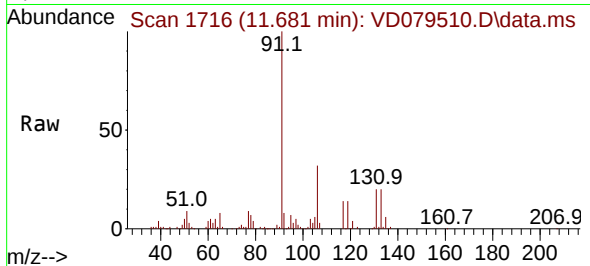




#67
Ethyl Benzene
Concen: 19.670 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

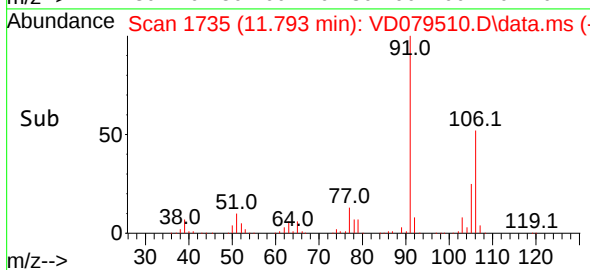
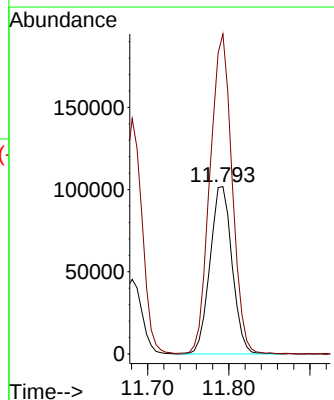
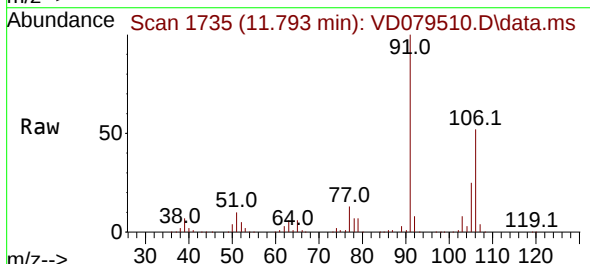
Instrument :
MSVOA_D
ClientSampleId :

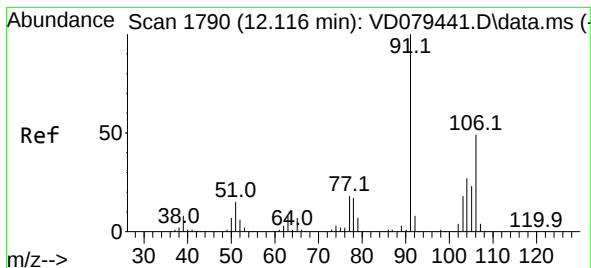
Tgt Ion: 91 Resp: 233049
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.6



#68
m/p-Xylenes
Concen: 40.984 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion:106 Resp: 192643
Ion Ratio Lower Upper
106 100
91 190.9 148.5 222.7





#69

o-Xylene

Concen: 19.616 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

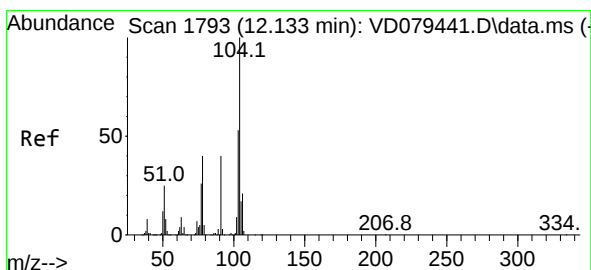
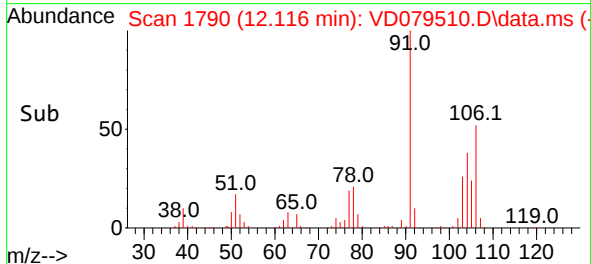
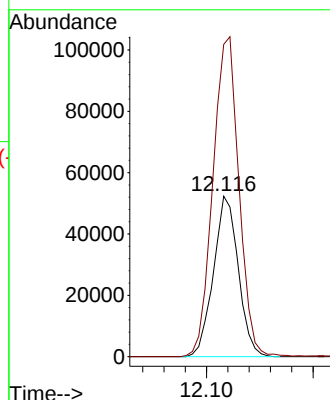
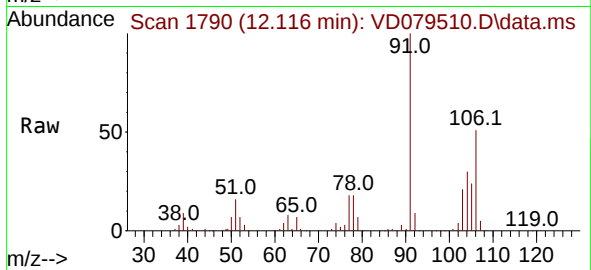
ClientSampleId :

Tgt Ion:106 Resp: 84513

Ion Ratio Lower Upper

106 100

91 209.4 96.7 290.1



#70

Styrene

Concen: 21.002 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

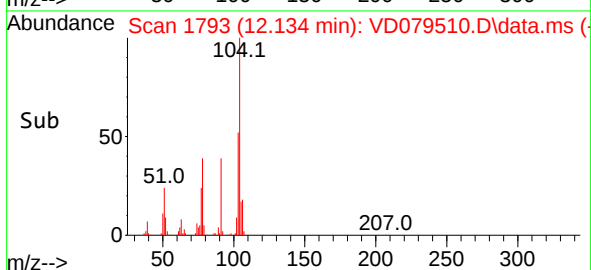
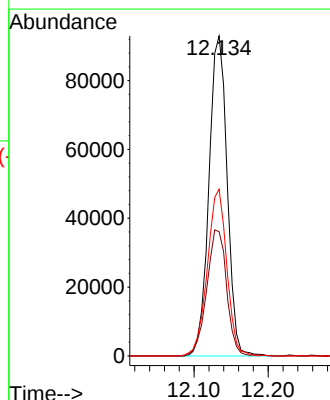
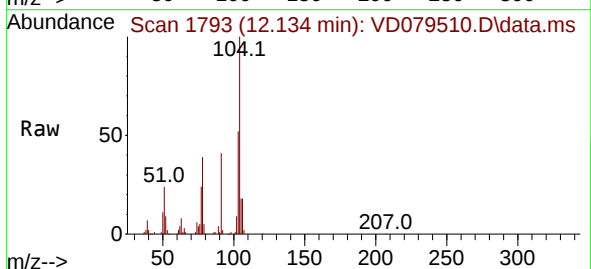
Tgt Ion:104 Resp: 158637

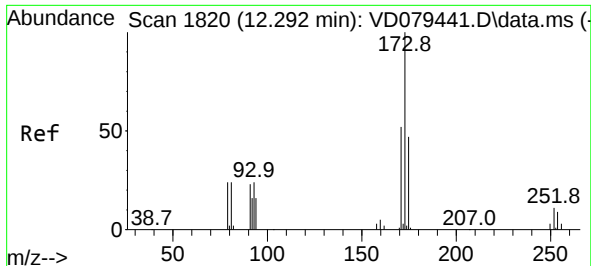
Ion Ratio Lower Upper

104 100

78 43.0 33.0 49.6

103 55.7 44.2 66.4

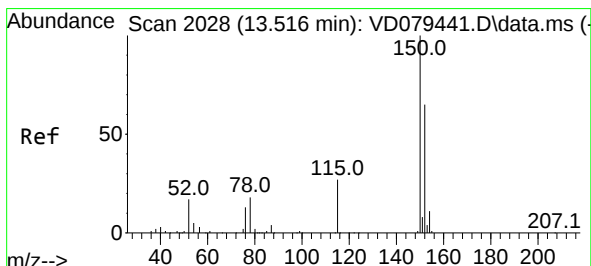
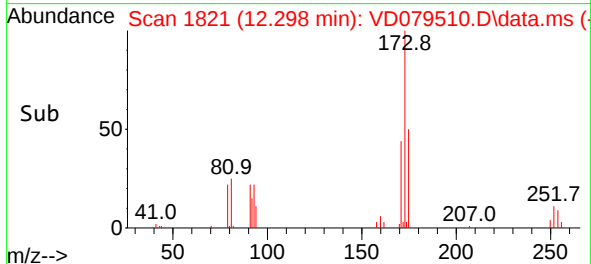
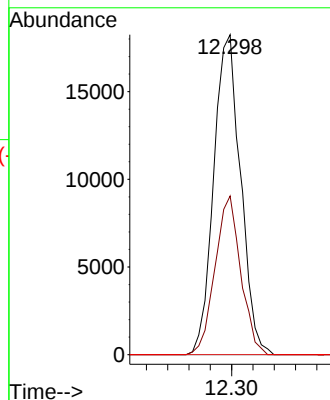
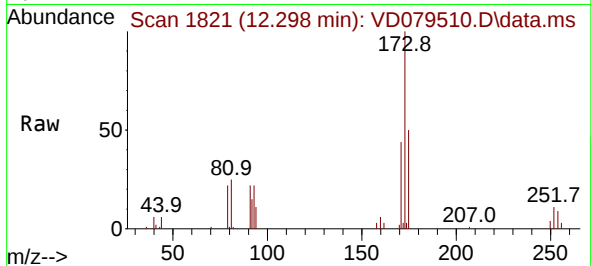




#71
Bromoform
Concen: 23.703 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

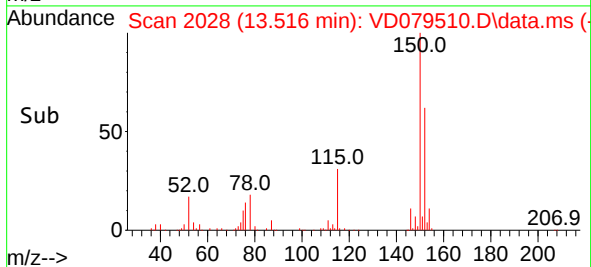
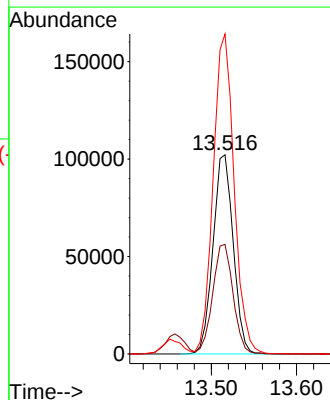
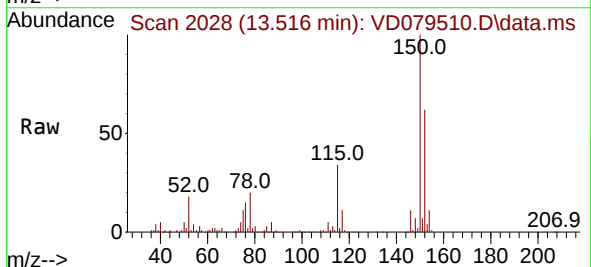
Instrument :
MSVOA_D
ClientSampleId :

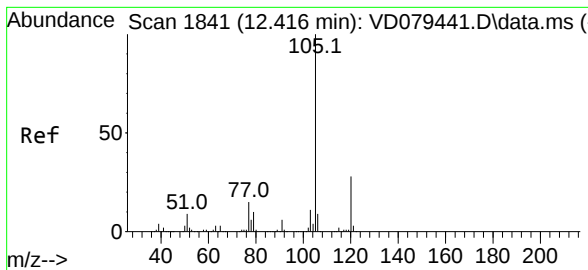
Tgt Ion:173 Resp: 31907
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion:152 Resp: 168486
Ion Ratio Lower Upper
152 100
115 55.6 26.5 79.5
150 166.0 0.0 341.6





#73

Isopropylbenzene

Concen: 19.475 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

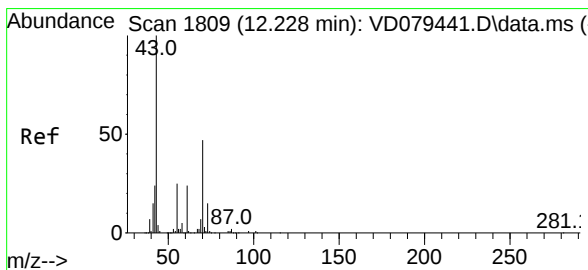
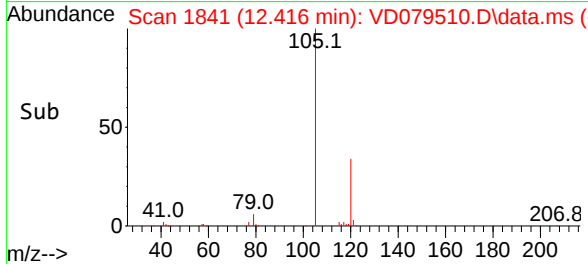
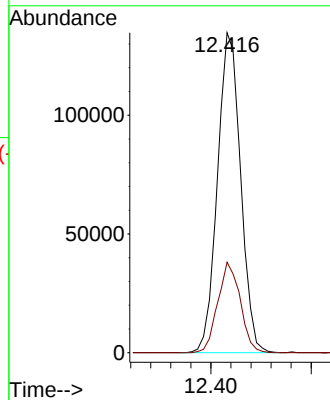
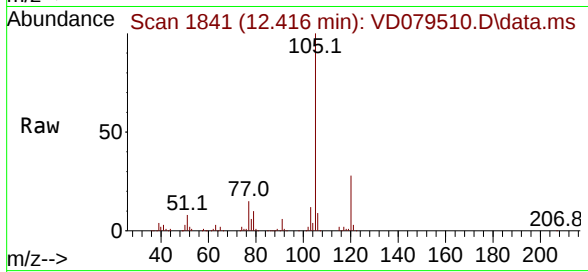
ClientSampleId :

Tgt Ion:105 Resp: 215620

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 19.894 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Tgt Ion: 43 Resp: 49300

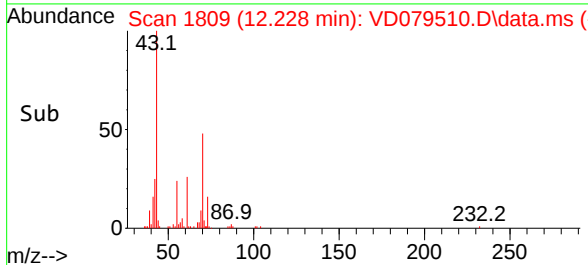
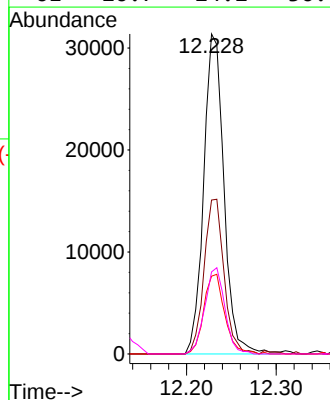
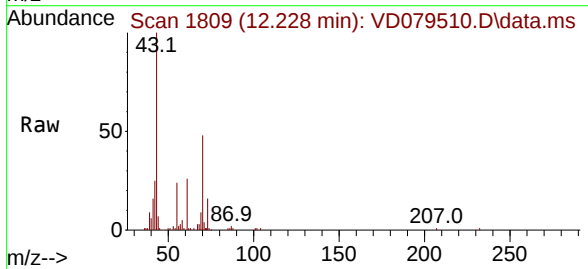
Ion Ratio Lower Upper

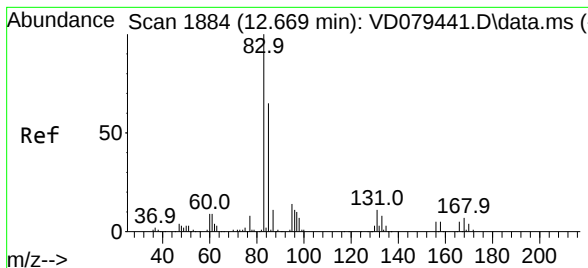
43 100

70 47.6 44.3 66.5

55 25.7 23.2 34.8

61 26.7 24.2 36.4

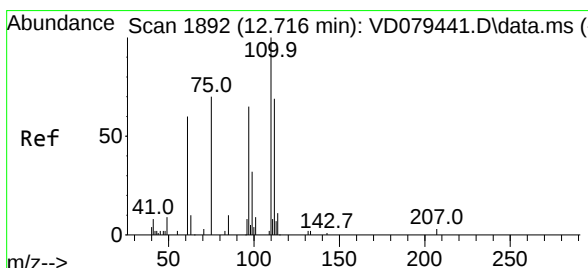
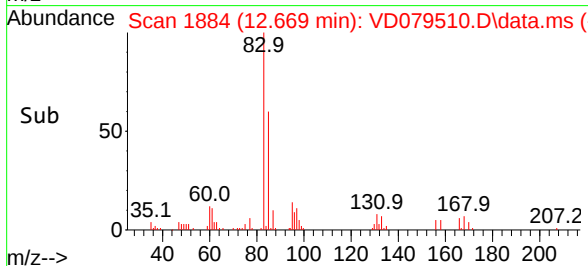
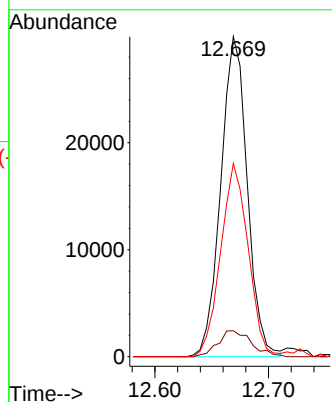
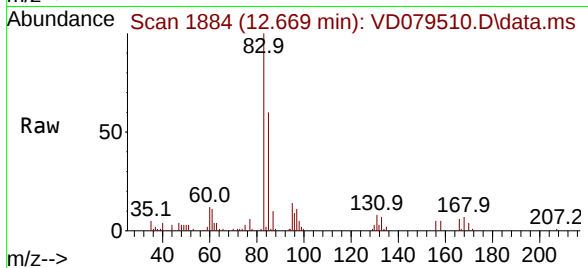




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.171 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

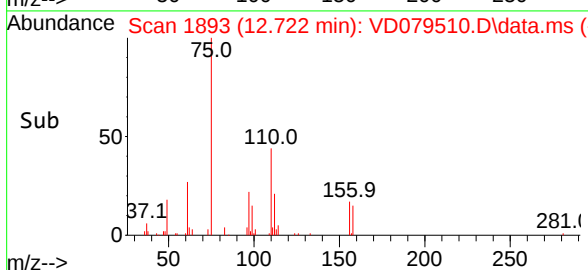
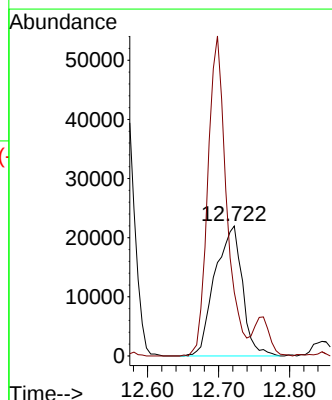
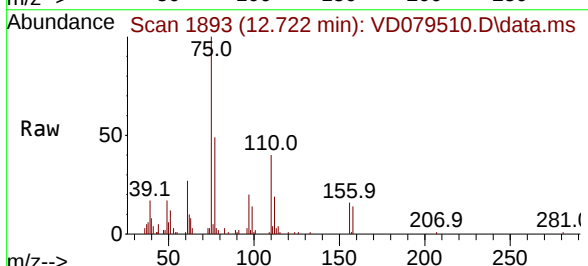
Instrument :
 MSVOA_D
 ClientSampleId :

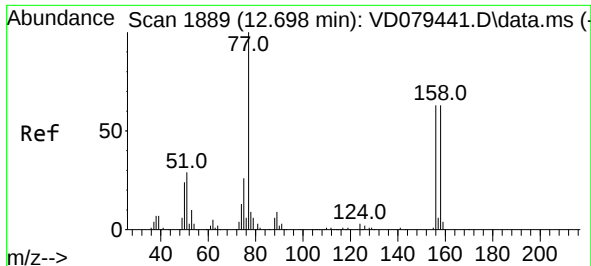
Tgt Ion: 83 Resp: 48527
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.5 16.5
 85 62.6 33.8 101.3



#76
 1,2,3-Trichloropropane
 Concen: 40.159 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Tgt Ion: 75 Resp: 59143
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

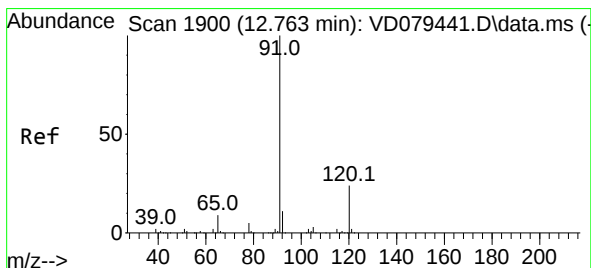
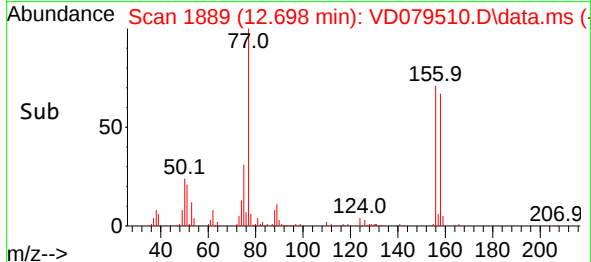
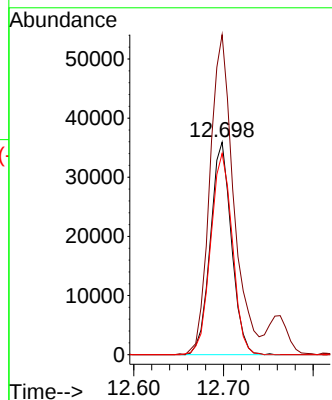
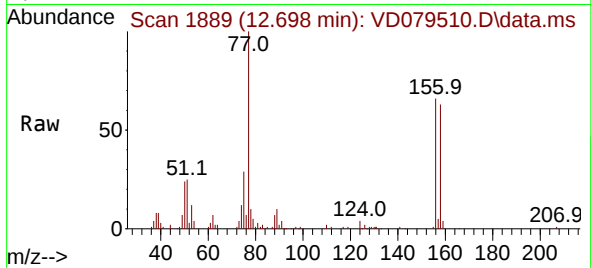




#77
Bromobenzene
Concen: 20.705 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

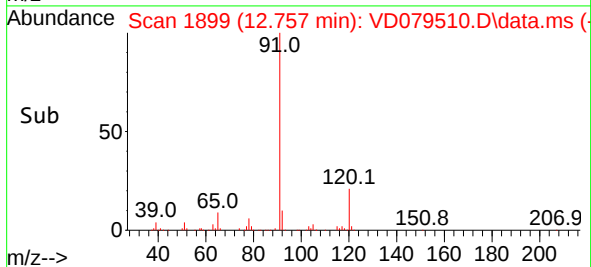
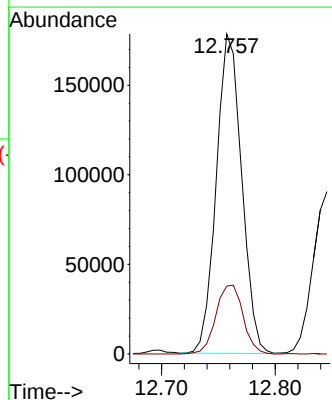
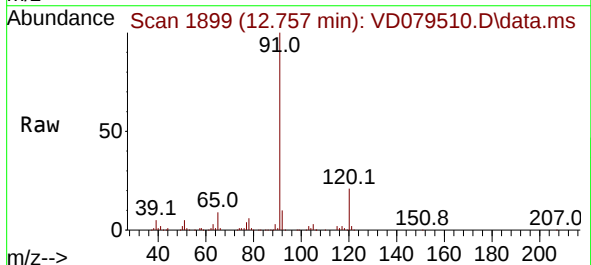
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 58495
Ion Ratio Lower Upper
156 100
77 169.7 77.3 231.9
158 97.7 49.6 149.0



#78
n-propylbenzene
Concen: 19.640 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 91 Resp: 276602
Ion Ratio Lower Upper
91 100
120 23.0 12.3 36.8

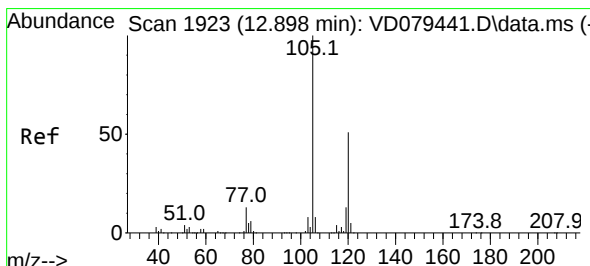
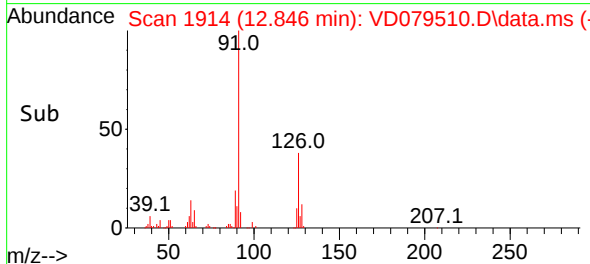
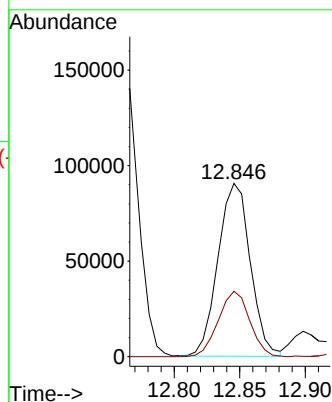
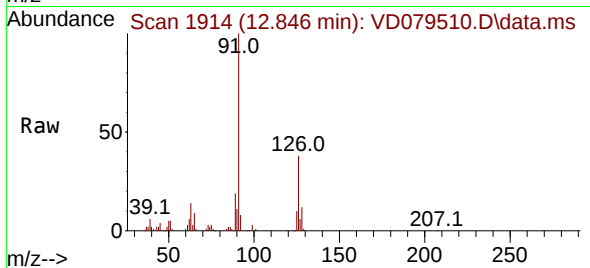




#79
2-Chlorotoluene
Concen: 19.787 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

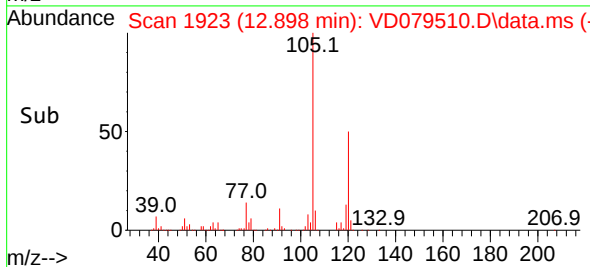
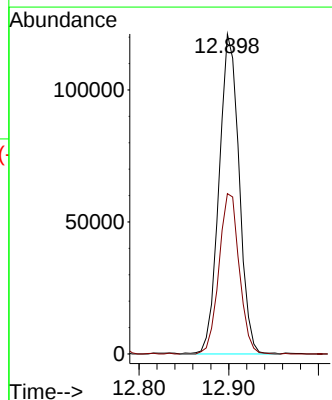
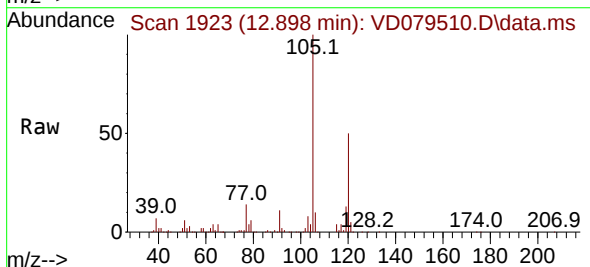
Instrument :
MSVOA_D
ClientSampleId :

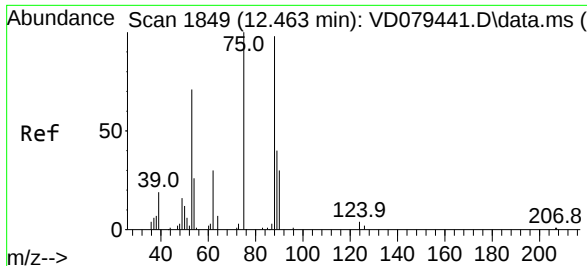
Tgt Ion: 91 Resp: 155171
Ion Ratio Lower Upper
91 100
126 36.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 20.061 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 105 Resp: 188283
Ion Ratio Lower Upper
105 100
120 50.6 25.7 77.1

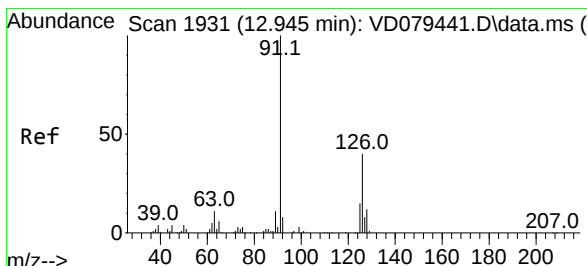
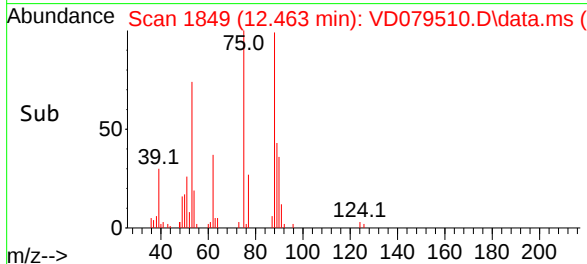
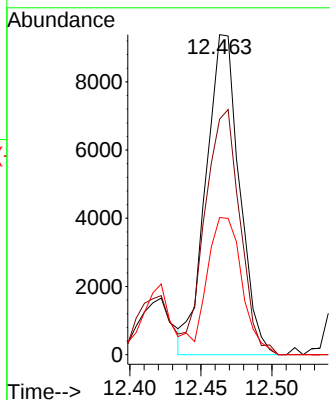
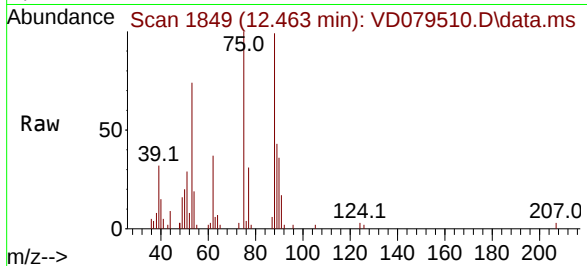




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.952 ug/l
 RT: 12.463 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

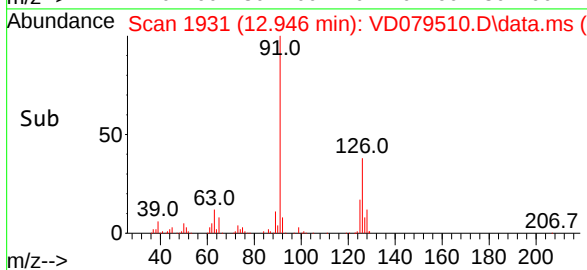
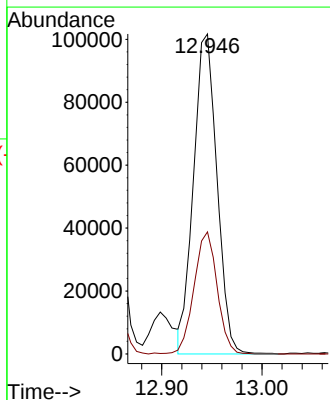
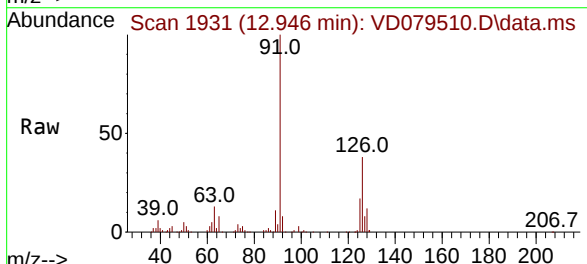
Instrument :
 MSVOA_D
 ClientSampleId :

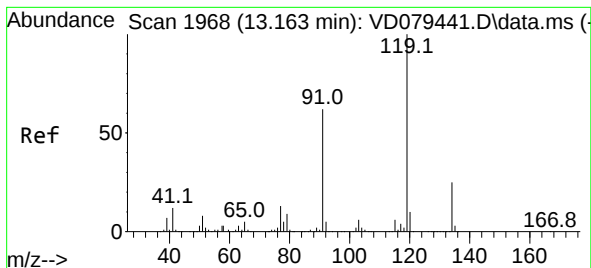
Tgt Ion:	75	Resp:	15406
Ion Ratio	Lower	Upper	
75	100		
53	79.7	61.4	92.2
89	43.5	35.4	53.0



#82
 4-Chlorotoluene
 Concen: 20.258 ug/l
 RT: 12.946 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Tgt Ion:	91	Resp:	165612
Ion Ratio	Lower	Upper	
91	100		
126	37.7	18.9	56.9





#83

tert-Butylbenzene

Concen: 19.550 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

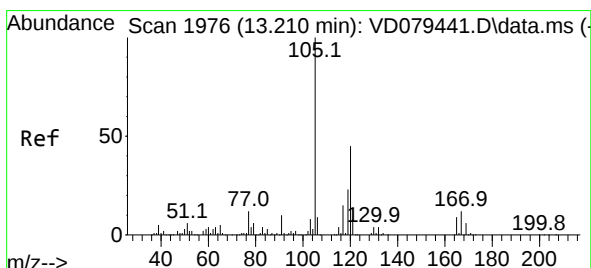
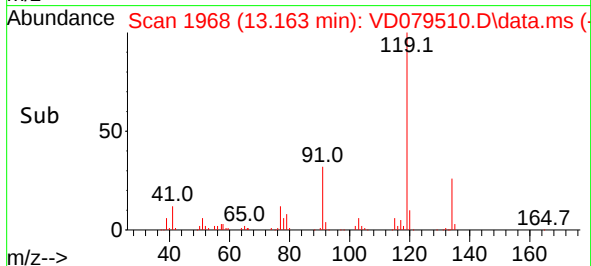
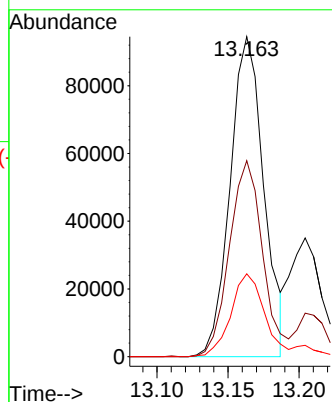
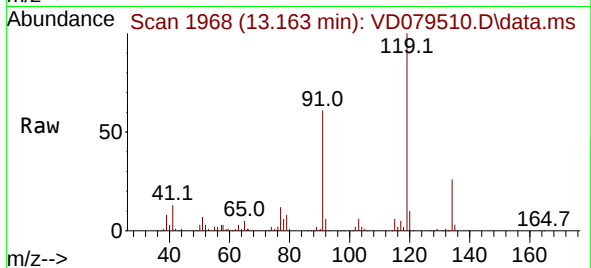
Tgt Ion:119 Resp: 156071

Ion Ratio Lower Upper

119 100

91 60.7 28.2 84.7

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.974 ug/l

RT: 13.204 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VD079510.D

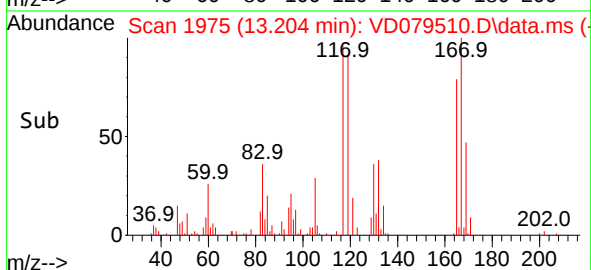
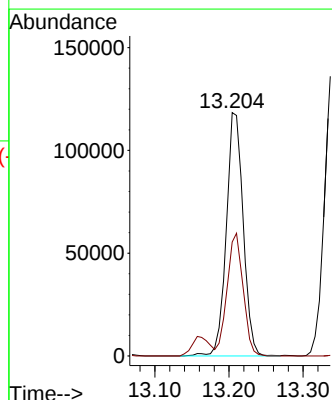
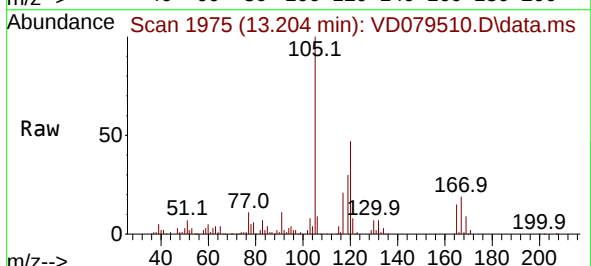
Acq: 31 Jul 2024 23:30

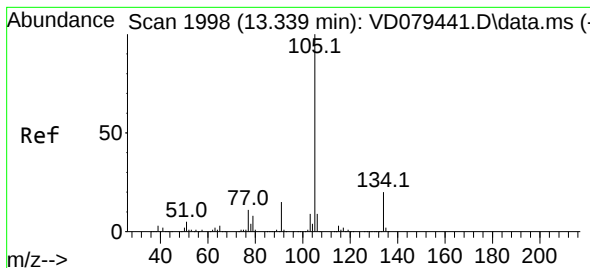
Tgt Ion:105 Resp: 187566

Ion Ratio Lower Upper

105 100

120 47.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.235 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

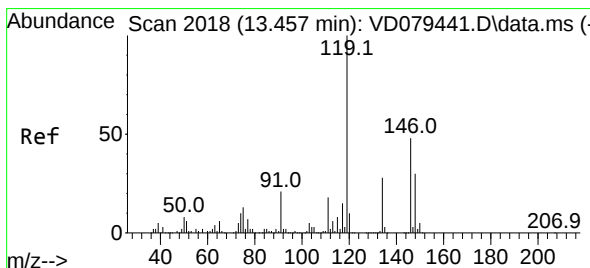
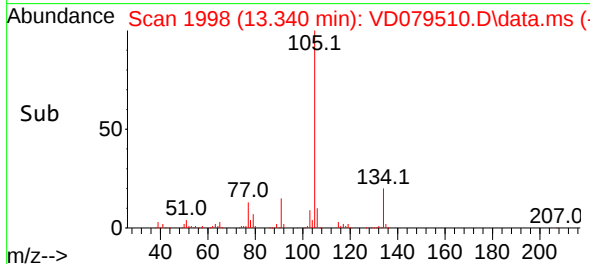
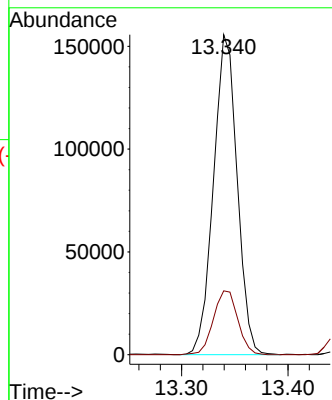
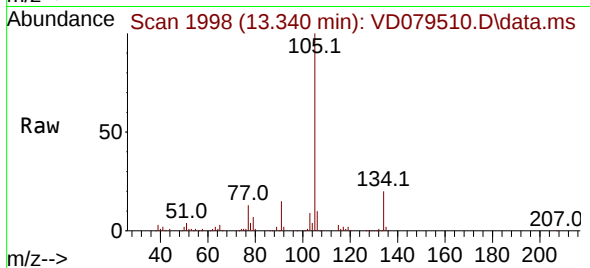
ClientSampleId :

Tgt Ion:105 Resp: 240124

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.769 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

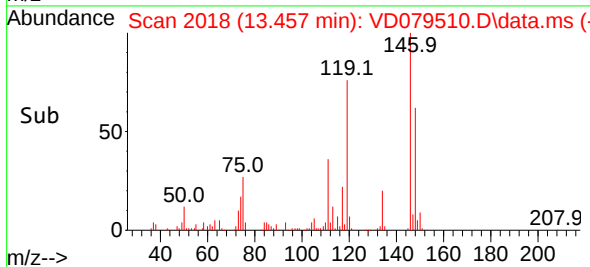
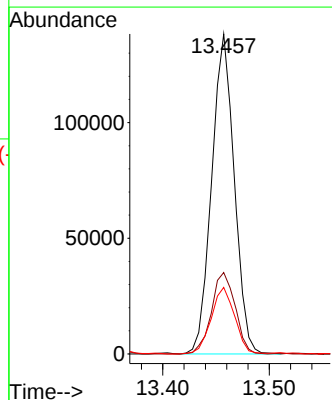
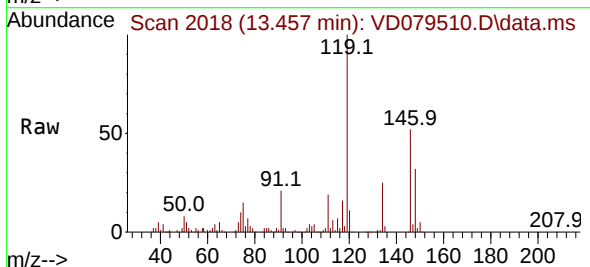
Tgt Ion:119 Resp: 203434

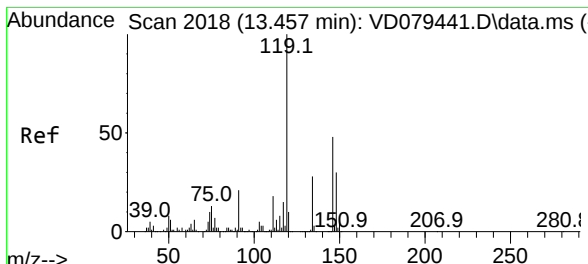
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 21.7 10.7 32.1

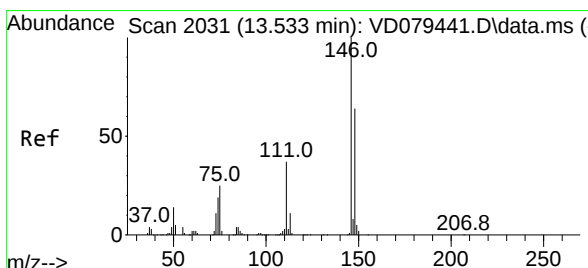
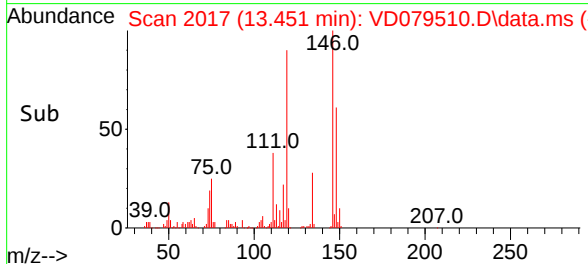
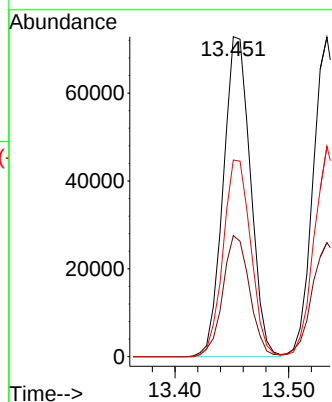
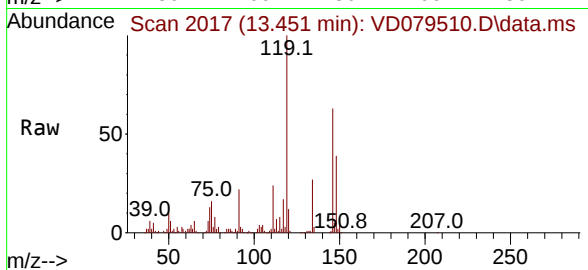




#87
 1,3-Dichlorobenzene
 Concen: 20.703 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

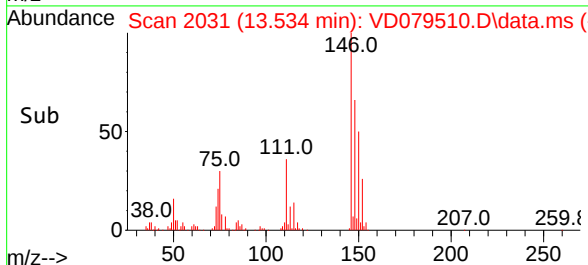
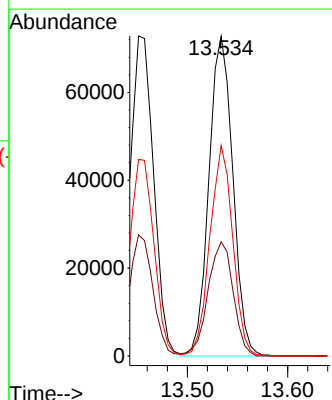
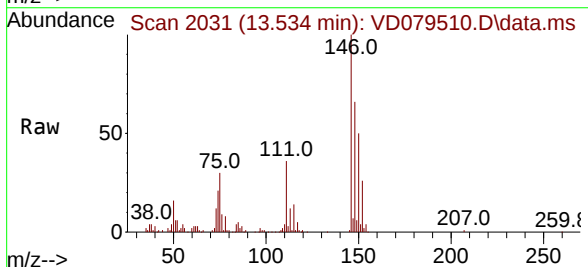
Instrument :
 MSVOA_D
 ClientSampleId :

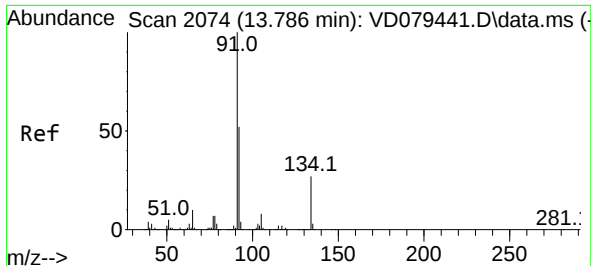
Tgt Ion:146 Resp: 121157
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.5 55.5
 148 62.4 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 20.977 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Tgt Ion:146 Resp: 120687
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.5 52.6
 148 63.1 31.4 94.2

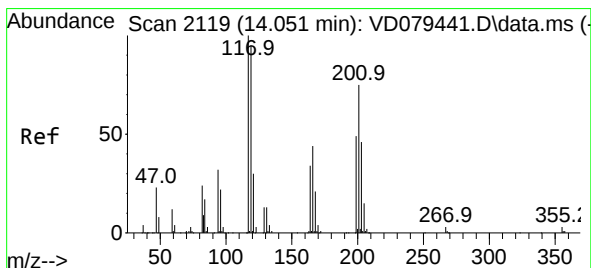
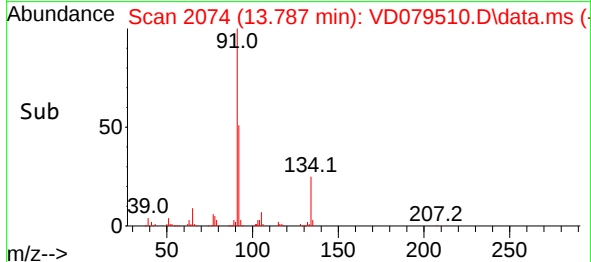
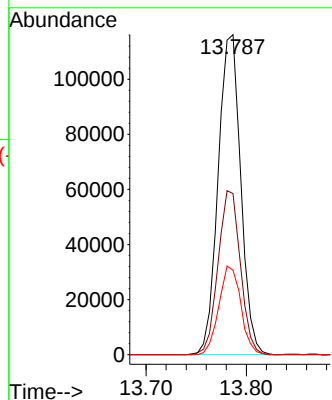
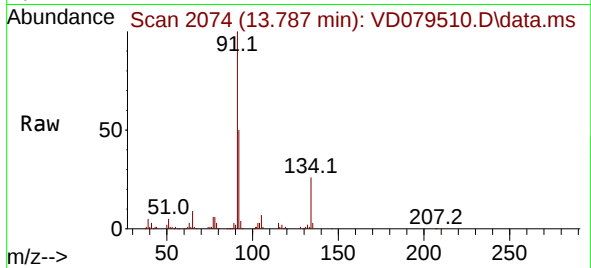




#89
n-Butylbenzene
Concen: 19.186 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

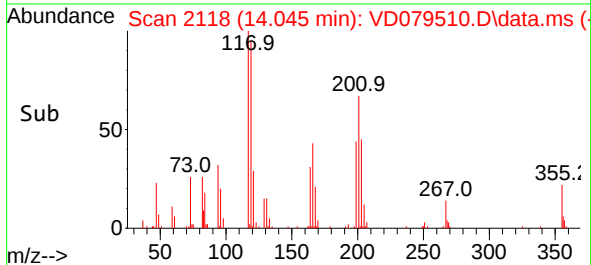
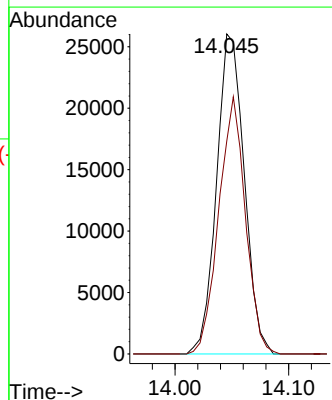
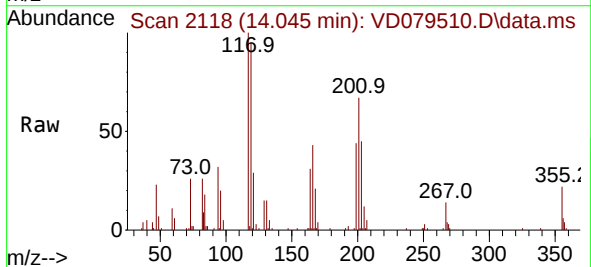
Instrument :
MSVOA_D
ClientSampleId :

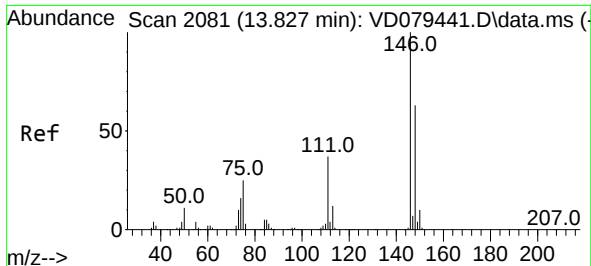
Tgt Ion: 91 Resp: 181780
Ion Ratio Lower Upper
91 100
92 50.6 25.7 77.0
134 26.9 13.6 40.8



#90
Hexachloroethane
Concen: 20.192 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD079510.D
Acq: 31 Jul 2024 23:30

Tgt Ion: 117 Resp: 44088
Ion Ratio Lower Upper
117 100
201 77.4 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 20.975 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

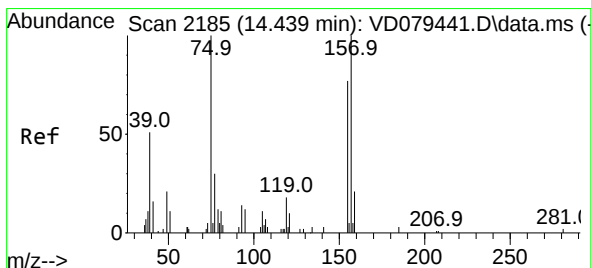
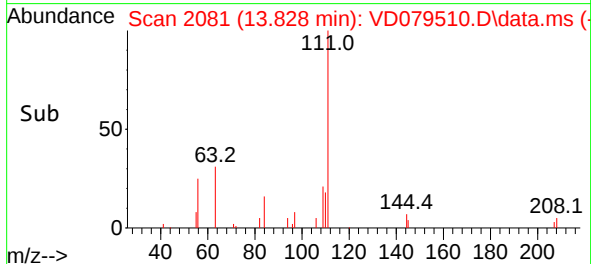
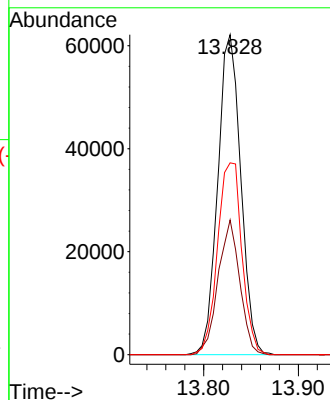
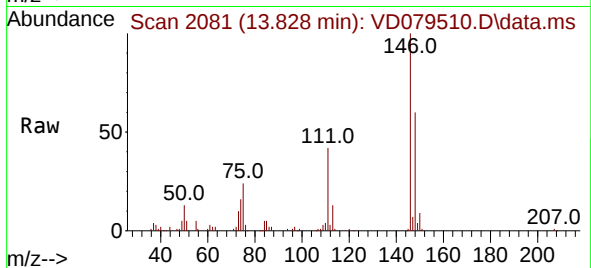
Tgt Ion:146 Resp: 104905

Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.1

148 63.6 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.634 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

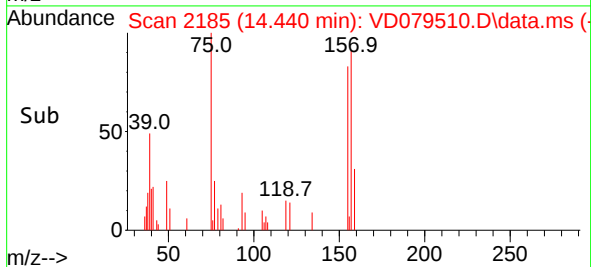
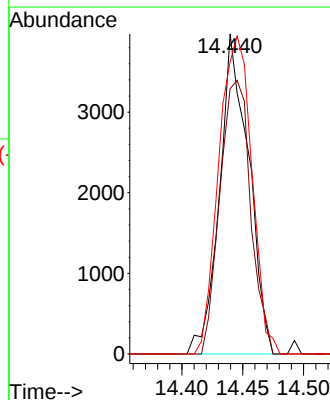
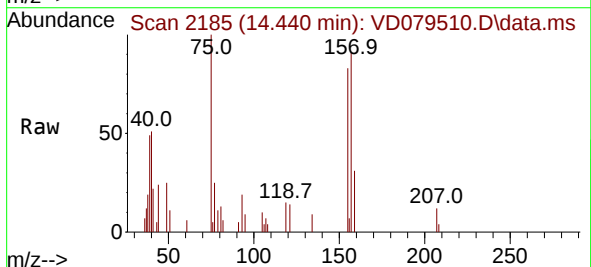
Tgt Ion: 75 Resp: 6592

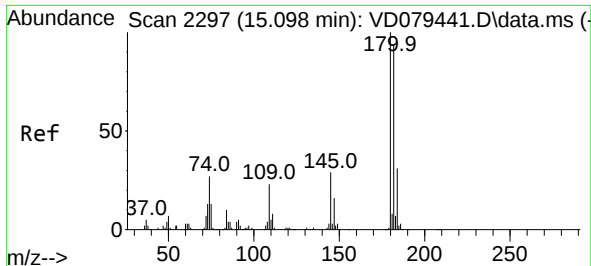
Ion Ratio Lower Upper

75 100

155 90.5 47.7 143.1

157 112.9 63.4 190.2

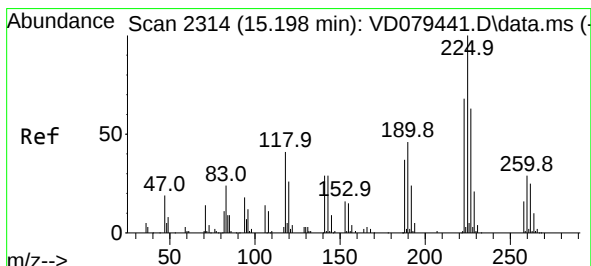
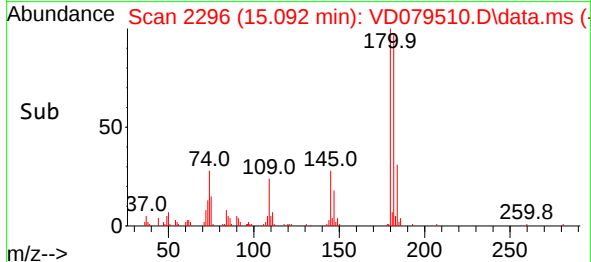
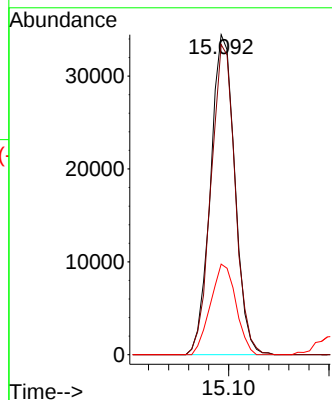
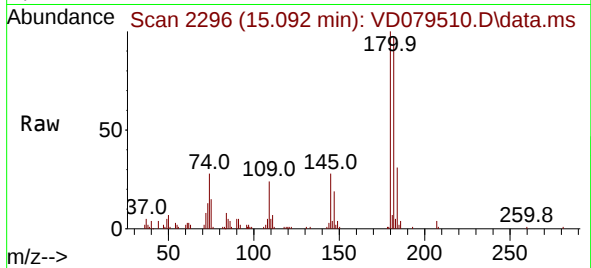




#93
 1,2,4-Trichlorobenzene
 Concen: 18.357 ug/l
 RT: 15.092 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

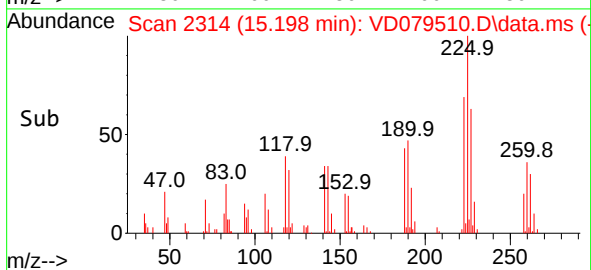
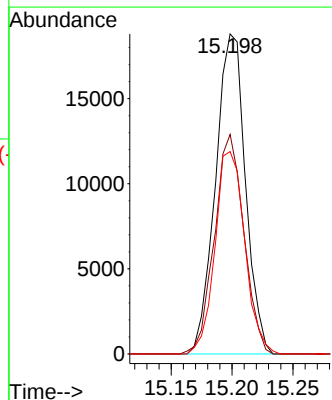
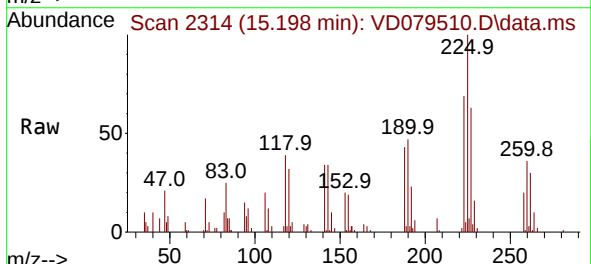
Instrument :
 MSVOA_D
 ClientSampleId :

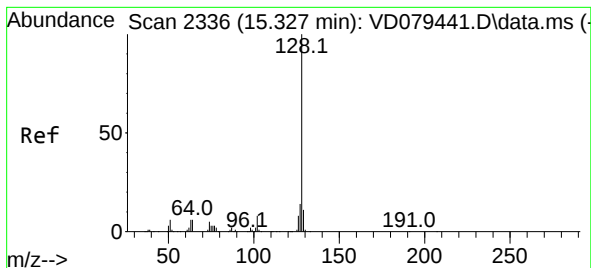
Tgt Ion:180 Resp: 57846
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.9 140.7
 145 29.7 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 18.925 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD079510.D
 Acq: 31 Jul 2024 23:30

Tgt Ion:225 Resp: 32187
 Ion Ratio Lower Upper
 225 100
 223 67.1 33.3 99.9
 227 62.8 33.6 100.6





#95

Naphthalene

Concen: 19.759 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Instrument :

MSVOA_D

ClientSampleId :

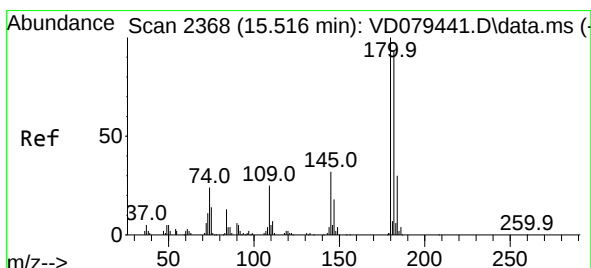
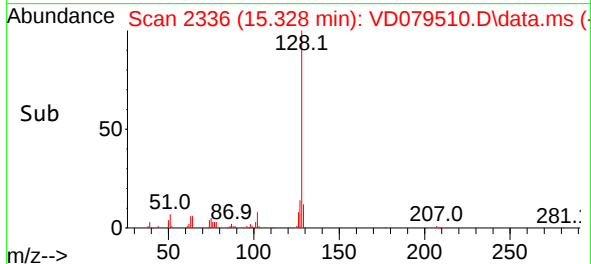
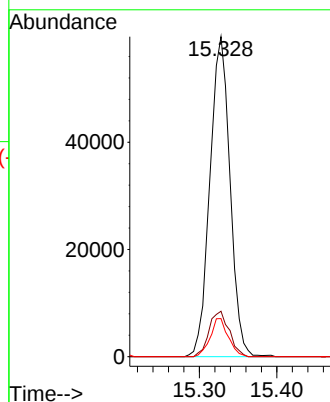
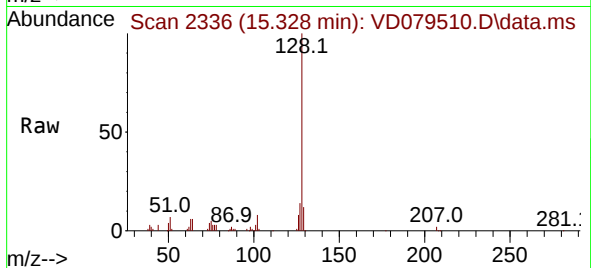
Tgt Ion:128 Resp: 107766

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 11.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.691 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079510.D

Acq: 31 Jul 2024 23:30

Tgt Ion:180 Resp: 51810

Ion Ratio Lower Upper

180 100

182 99.9 47.8 143.3

145 32.1 16.1 48.2

