

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078726.D
 Acq On : 21 Mar 2024 13:19
 Operator : RP/MD
 Sample : MDL07
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL07

Quant Time: Mar 22 12:01:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 12:01:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	109399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	194185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	179201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54986	53.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.260%	
35) Dibromofluoromethane	7.811	113	63497	50.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.580%	
50) Toluene-d8	10.269	98	241602	52.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	12.575	95	64308	47.806	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	2404	2.361	ug/l	91
3) Chloromethane	2.152	50	3676	2.287	ug/l	91
4) Vinyl Chloride	2.293	62	5500	2.319	ug/l	94
5) Bromomethane	2.705	94	5317	2.342	ug/l	97
6) Chloroethane	2.846	64	4307	2.329	ug/l #	74
7) Trichlorofluoromethane	3.181	101	5520	2.942	ug/l	91
8) Diethyl Ether	3.587	74	621	1.134	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	3.981	101	3457	2.936	ug/l	94
10) Methyl Iodide	4.175	142	2541	1.824	ug/l #	77
11) Tert butyl alcohol	5.064	59	323	7.040	ug/l #	75
12) 1,1-Dichloroethene	3.958	96	2616	2.337	ug/l #	90
13) Acrolein	3.811	56	828	11.520	ug/l #	69
14) Allyl chloride	4.570	41	3042	2.436	ug/l	90
15) Acrylonitrile	5.264	53	3215	14.559	ug/l #	70
16) Acetone	4.028	43	3567	17.992	ug/l	99
17) Carbon Disulfide	4.281	76	5621	1.532	ug/l #	94
18) Methyl Acetate	4.558	43	1862	4.376	ug/l #	86
19) Methyl tert-butyl Ether	5.305	73	3297	1.461	ug/l #	84
20) Methylene Chloride	4.805	84	12271	4.661	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	3281	2.484	ug/l #	67
22) Diisopropyl ether	6.228	45	7336	2.583	ug/l #	92
23) Vinyl Acetate	6.158	43	14763	8.888	ug/l	100
24) 1,1-Dichloroethane	6.111	63	6555	3.079	ug/l #	80
25) 2-Butanone	7.087	43	4076	15.464	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	5817	3.229	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	3677	2.441	ug/l	75
28) Bromochloromethane	7.434	49	2241	2.953	ug/l #	48
29) Tetrahydrofuran	7.446	42	1770	12.346	ug/l #	25
30) Chloroform	7.593	83	8003	3.371	ug/l #	73
31) Cyclohexane	7.887	56	5803	3.367	ug/l #	73
32) 1,1,1-Trichloroethane	7.805	97	5936	2.947	ug/l	92
36) 1,1-Dichloropropene	8.011	75	3904	2.152	ug/l	91
37) Ethyl Acetate	7.175	43	1815	3.063	ug/l #	76
38) Carbon Tetrachloride	7.999	117	5238	2.739	ug/l #	74
39) Methylcyclohexane	9.275	83	4467	2.123	ug/l	99
40) Benzene	8.252	78	14434	2.632	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	878	2.827	ug/l #	71
42) 1,2-Dichloroethane	8.322	62	4620	3.455	ug/l	92
43) Isopropyl Acetate	8.375	43	2817	2.614	ug/l #	78
44) Trichloroethene	9.028	130	3963	2.663	ug/l	65
45) 1,2-Dichloropropane	9.305	63	3470	2.668	ug/l	94
46) Dibromomethane	9.399	93	2011	2.579	ug/l	94
47) Bromodichloromethane	9.587	83	5413	2.916	ug/l	97
48) Methyl methacrylate	9.387	41	1636	3.115	ug/l	89
49) 1,4-Dioxane	9.375	88	236	32.687	ug/l #	31
51) 4-Methyl-2-Pentanone	10.163	43	7602	13.492	ug/l	92
52) Toluene	10.340	92	9276	2.627	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	4642	2.735	ug/l	90
54) cis-1,3-Dichloropropene	10.022	75	5210	2.553	ug/l #	86
55) 1,1,2-Trichloroethane	10.740	97	2930	2.806	ug/l	94
56) Ethyl methacrylate	10.599	69	2007	1.917	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	4895	2.905	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	4861	10.531	ug/l #	88
59) 2-Hexanone	10.922	43	5323	12.744	ug/l	87
60) Dibromochloromethane	11.075	129	3818	2.965	ug/l	94
61) 1,2-Dibromoethane	11.187	107	2863	2.833	ug/l	92
64) Tetrachloroethene	10.810	164	3285	2.770	ug/l #	83
65) Chlorobenzene	11.604	112	11086	2.960	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	4195	3.059	ug/l	96
67) Ethyl Benzene	11.681	91	15666	2.455	ug/l	95
68) m/p-Xylenes	11.799	106	11461	4.423	ug/l	97
69) o-Xylene	12.122	106	5341	2.228	ug/l	97
70) Styrene	12.140	104	8227	2.044	ug/l	97
71) Bromoform	12.293	173	1932	2.607	ug/l #	98
73) Isopropylbenzene	12.422	105	14487	2.688	ug/l	96
74) N-amyl acetate	12.234	43	2322	2.654	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	3360	3.368	ug/l #	96
76) 1,2,3-Trichloropropane	12.716	75	3707	5.879	ug/l #	100
77) Bromobenzene	12.699	156	4128	3.089	ug/l	94
78) n-propylbenzene	12.763	91	18379	2.802	ug/l	96
79) 2-Chlorotoluene	12.851	91	9589	2.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	10944	2.456	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	32653	108.551	ug/l #	19
82) 4-Chlorotoluene	12.946	91	10413	2.736	ug/l	99
83) tert-Butylbenzene	13.169	119	10173	2.648	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	10586	2.357	ug/l	92
85) sec-Butylbenzene	13.346	105	13705	2.357	ug/l	98
86) p-Isopropyltoluene	13.463	119	12289	2.469	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	8154	2.891	ug/l	97
88) 1,4-Dichlorobenzene	13.457	146	8154	2.934	ug/l	95
89) n-Butylbenzene	13.787	91	12669	2.818	ug/l	95
90) Hexachloroethane	14.051	117	3198	3.105	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	7033	2.896	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	492	3.687	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.098	180	3806	2.685	ug/l	98
94) Hexachlorobutadiene	15.204	225	2463	3.210	ug/l	94
95) Naphthalene	15.328	128	6283	2.549	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.522	180	3065	2.499	ug/l	91

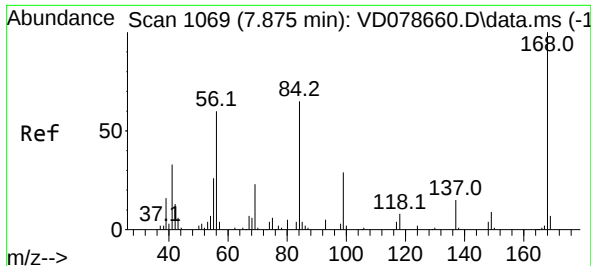
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Response via : Initial Calibration

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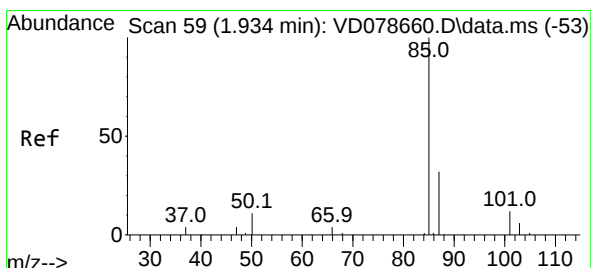
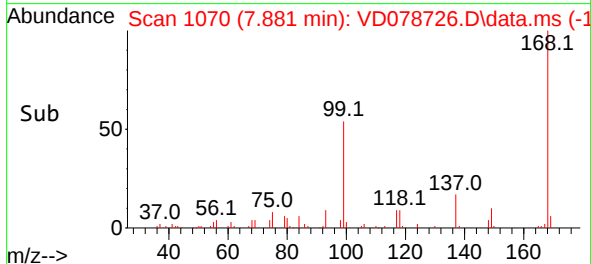
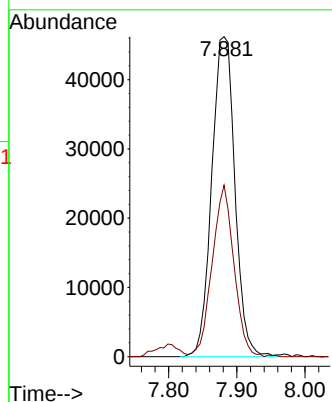
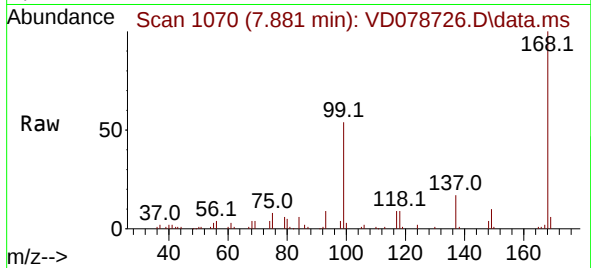
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

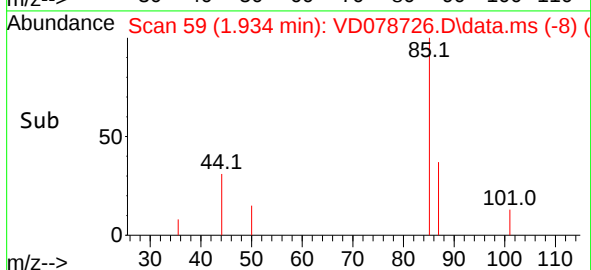
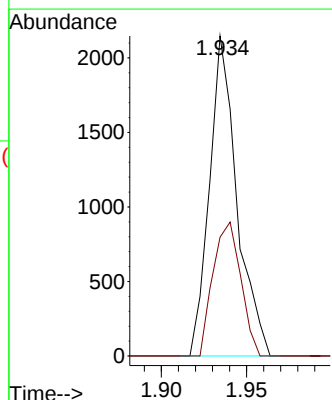
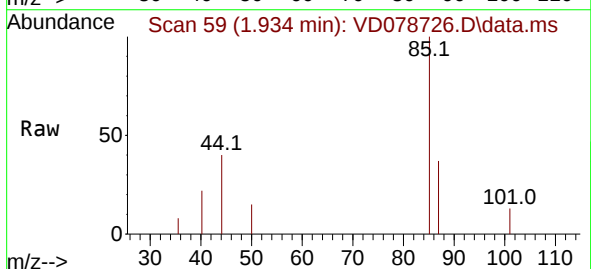
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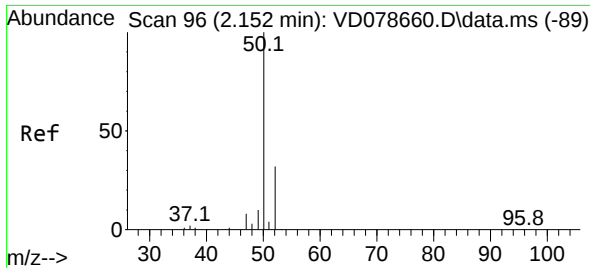
Tgt Ion:168 Resp: 109399
Ion Ratio Lower Upper
168 100
99 53.6 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 2.361 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 85 Resp: 2404
Ion Ratio Lower Upper
85 100
87 37.1 16.2 48.5

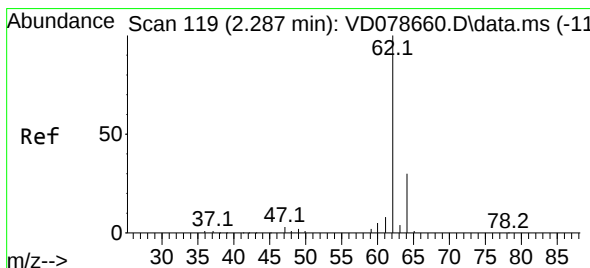
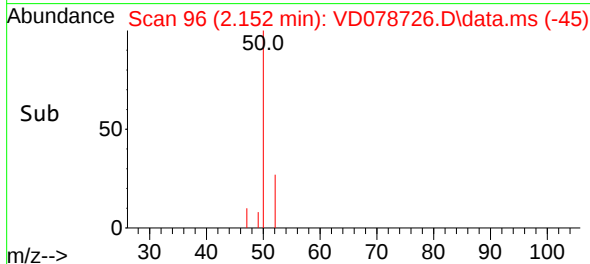
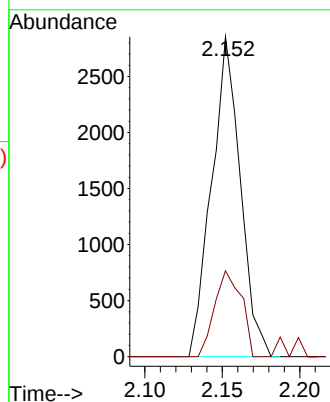
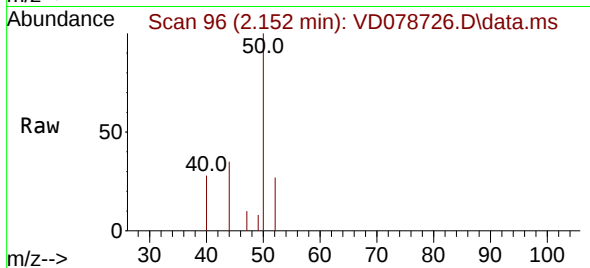




#3
Chloromethane
Concen: 2.287 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

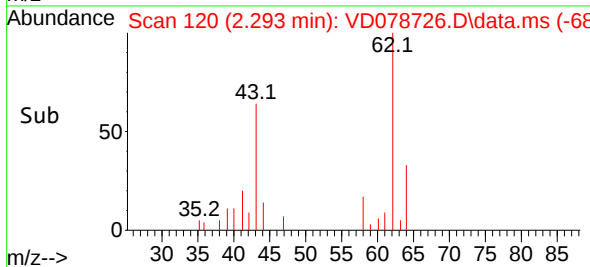
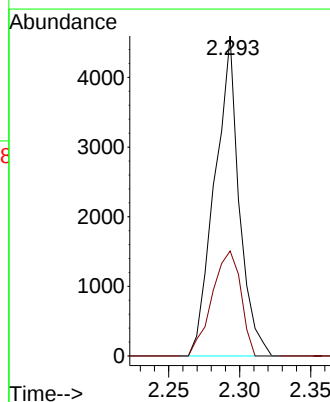
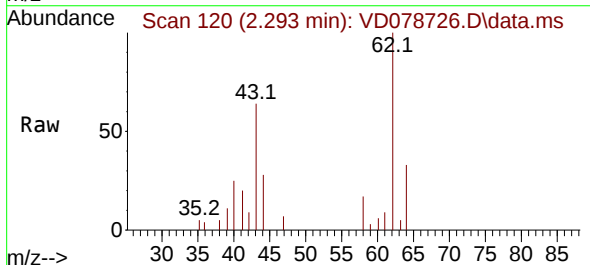
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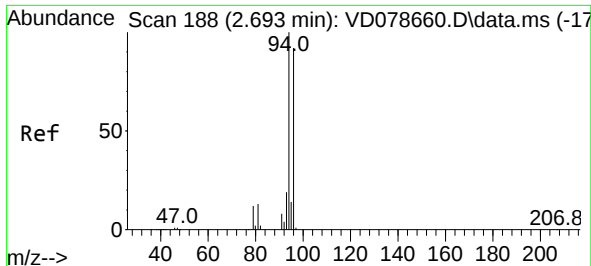
Tgt Ion: 50 Resp: 3676
Ion Ratio Lower Upper
50 100
52 26.8 25.6 38.4



#4
Vinyl Chloride
Concen: 2.319 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 62 Resp: 5500
Ion Ratio Lower Upper
62 100
64 32.8 23.7 35.5

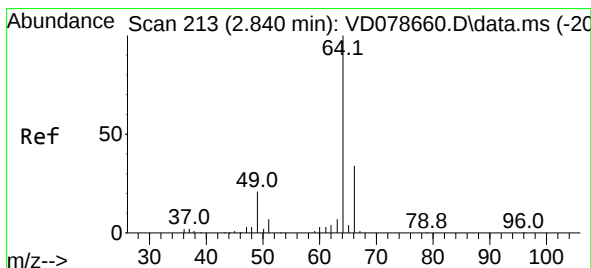
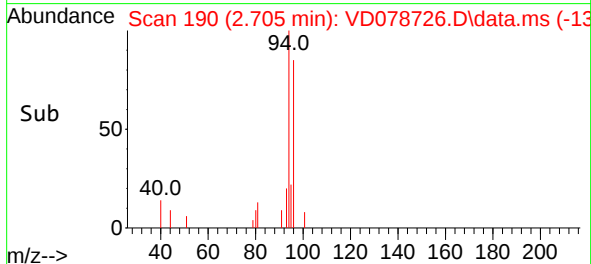
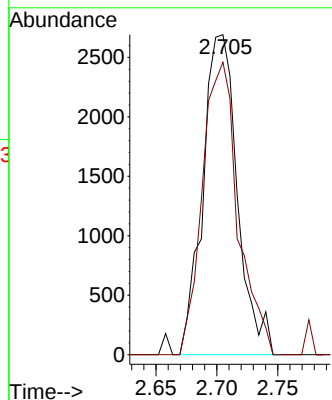
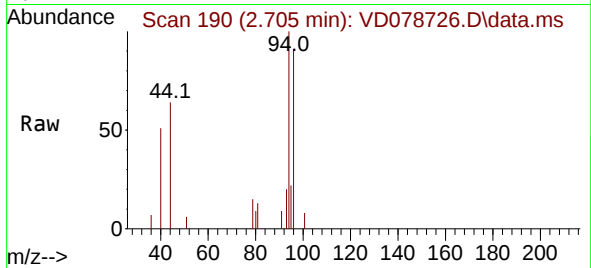




#5
Bromomethane
Concen: 2.342 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.012 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

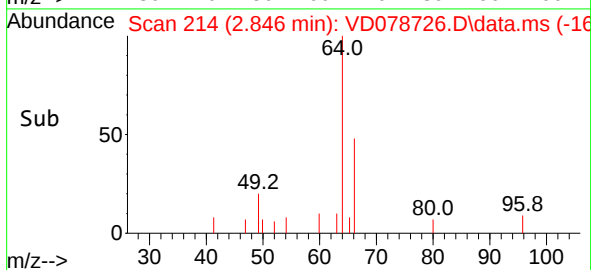
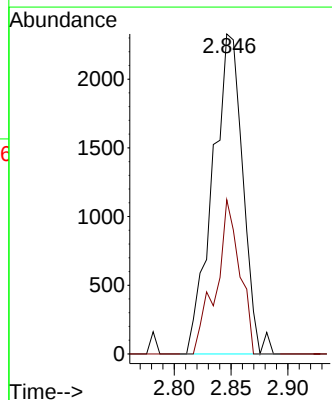
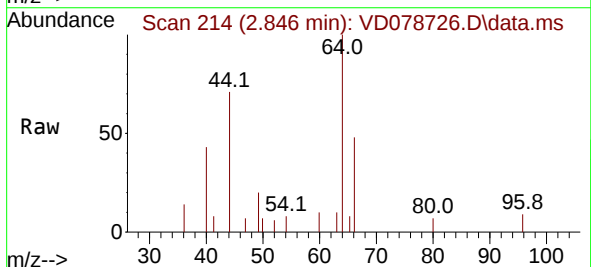
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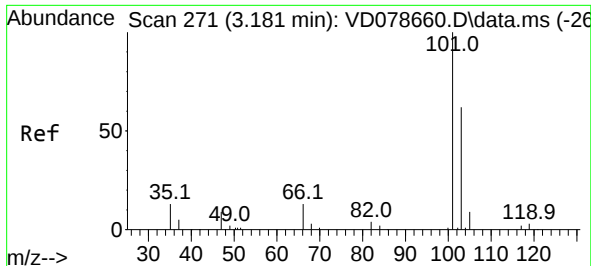
Tgt Ion: 94 Resp: 5317
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 2.329 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 64 Resp: 4307
Ion Ratio Lower Upper
64 100
66 48.2 26.8 40.2#

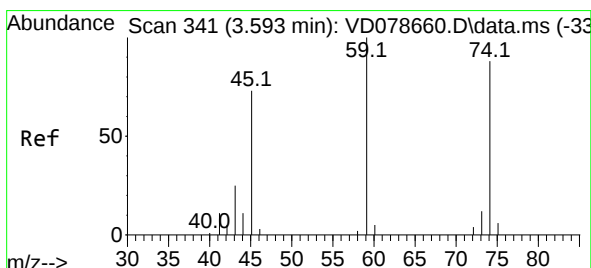
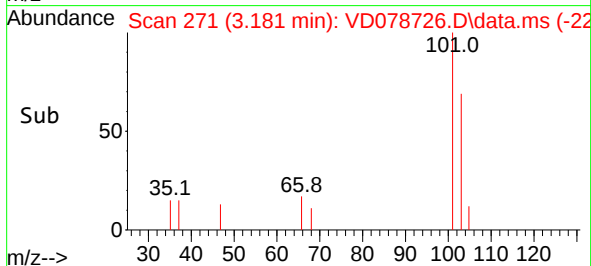
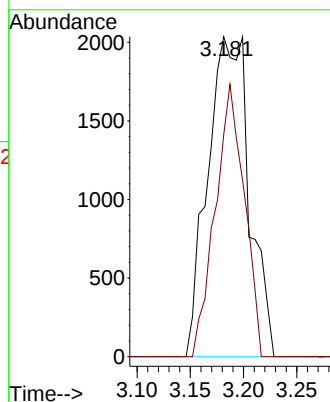
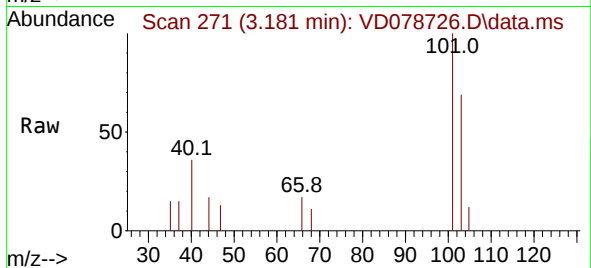




#7
 Trichlorofluoromethane
 Concen: 2.942 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

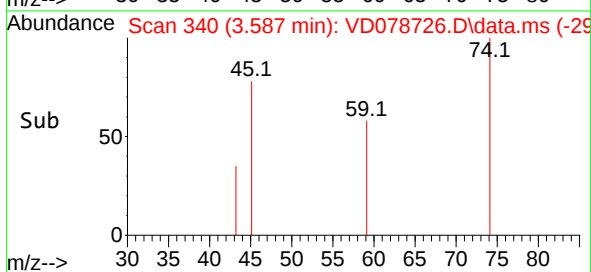
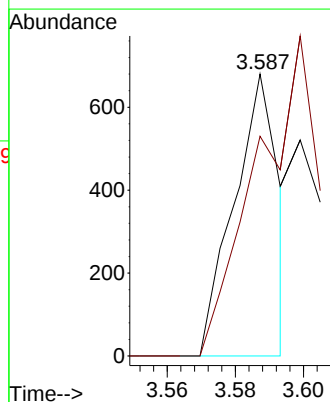
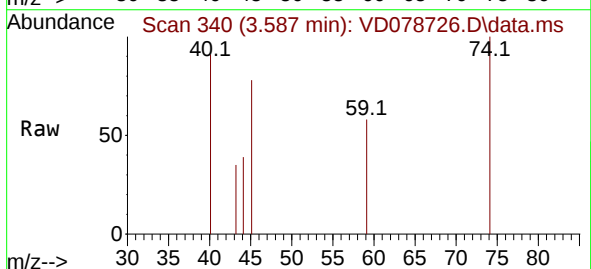
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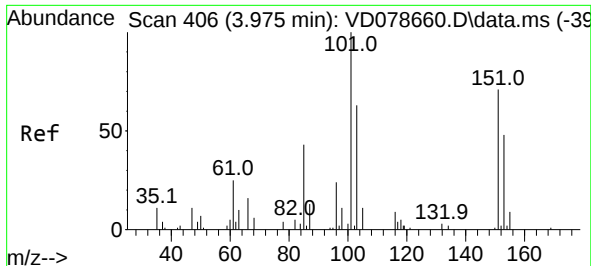
Tgt Ion:101 Resp: 5520
 Ion Ratio Lower Upper
 101 100
 103 69.4 49.7 74.5



#8
 Diethyl Ether
 Concen: 1.134 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

Tgt Ion: 74 Resp: 621
 Ion Ratio Lower Upper
 74 100
 45 204.8 42.4 127.3#

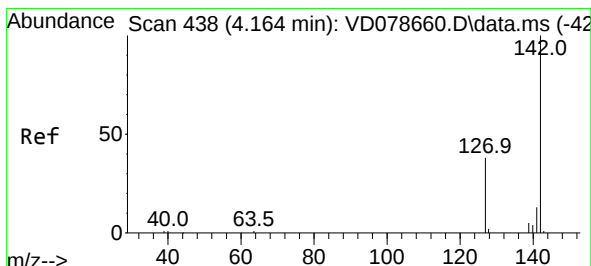
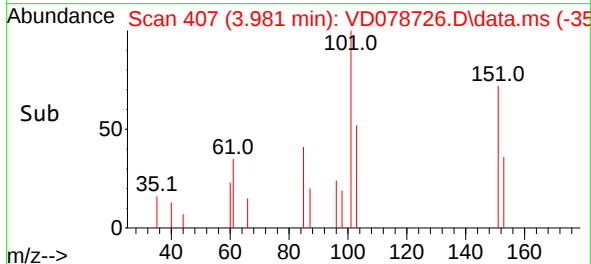
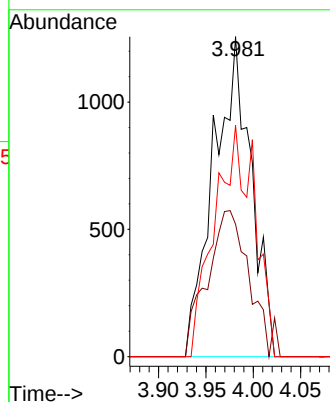
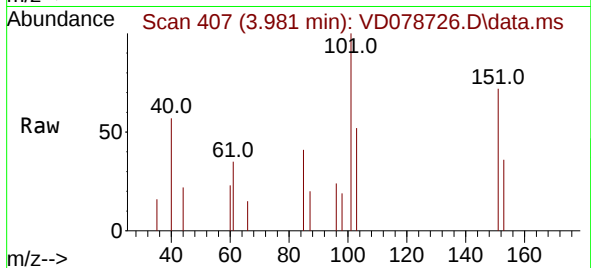




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.936 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078726.D
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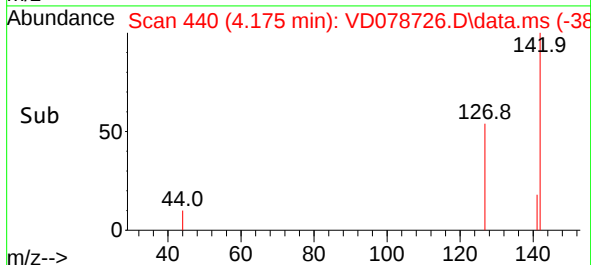
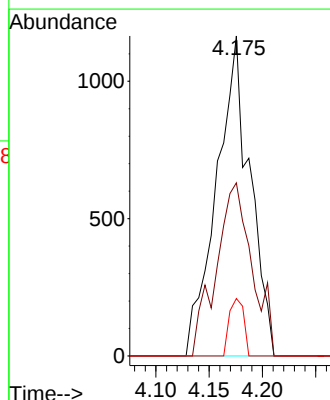
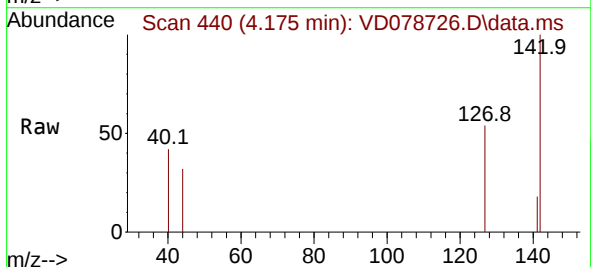
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ClientSampleId :
MDL07

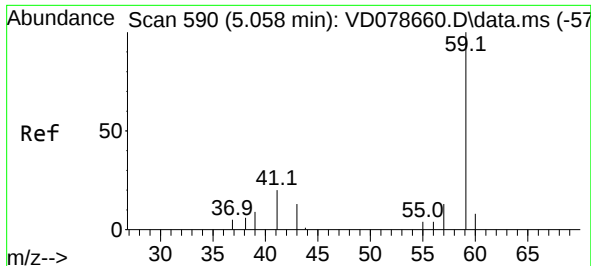
Tgt Ion:101 Resp: 3457
Ion Ratio Lower Upper
101 100
85 51.6 35.8 53.6
151 76.9 59.4 89.2



#10
Methyl Iodide
Concen: 1.824 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.012 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion:142 Resp: 2541
Ion Ratio Lower Upper
142 100
127 58.2 33.5 50.3#
141 7.7 11.7 17.5#

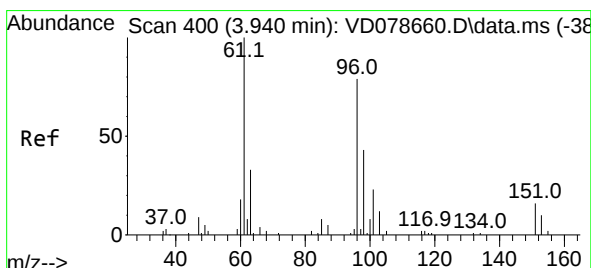
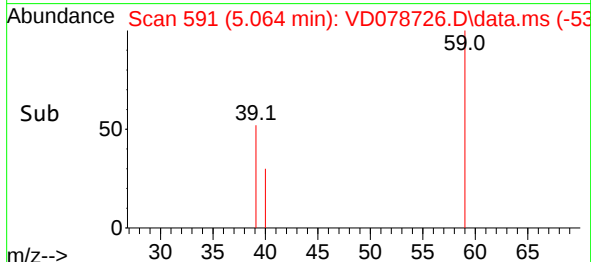
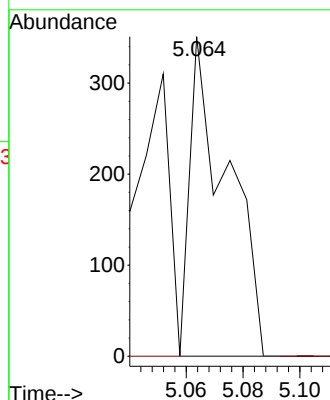
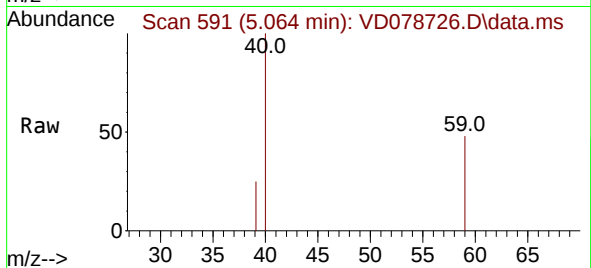




#11
Tert butyl alcohol
Concen: 7.040 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

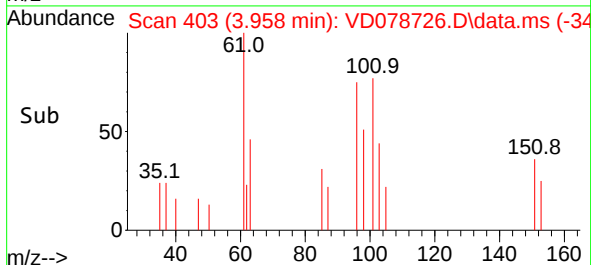
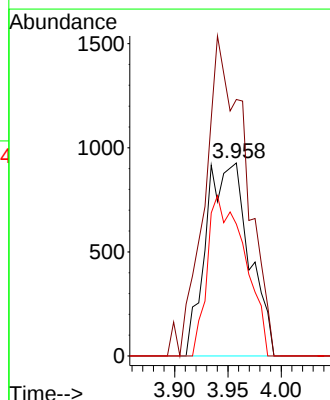
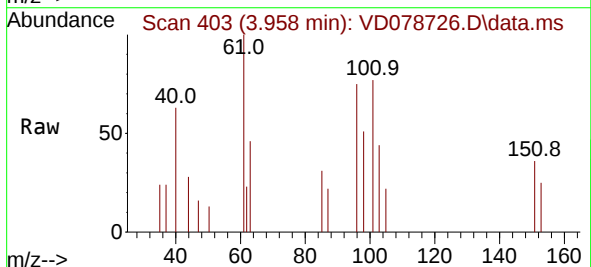
Instrument :
MSVOA_D
ClientSampleId :
MDL07

Tgt Ion: 59 Resp: 323
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 2.337 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.018 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 96 Resp: 2616
Ion Ratio Lower Upper
96 100
61 132.9 101.4 152.0
98 68.3 43.4 65.0#





#13

Acrolein

Concen: 11.520 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

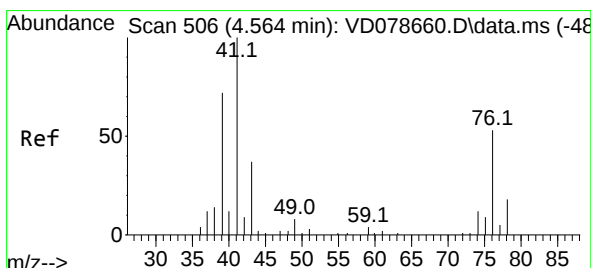
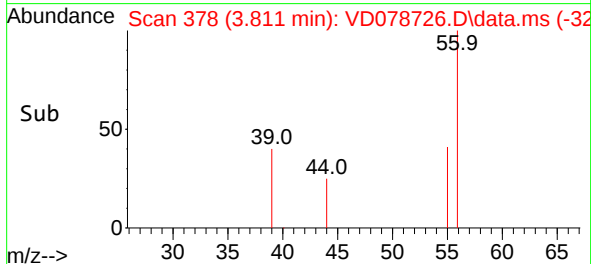
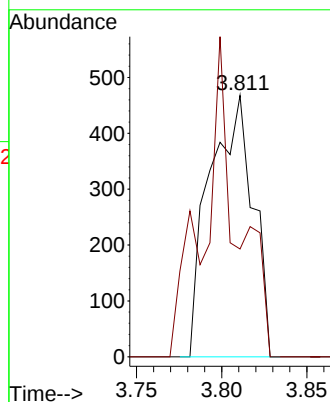
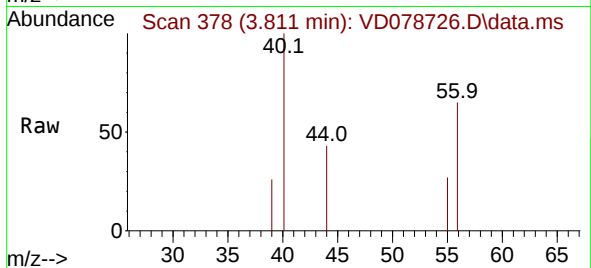
MDL07

Tgt Ion: 56 Resp: 828

Ion Ratio Lower Upper

56 100

55 94.1 54.9 82.3#



#14

Allyl chloride

Concen: 2.436 ug/l

RT: 4.570 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

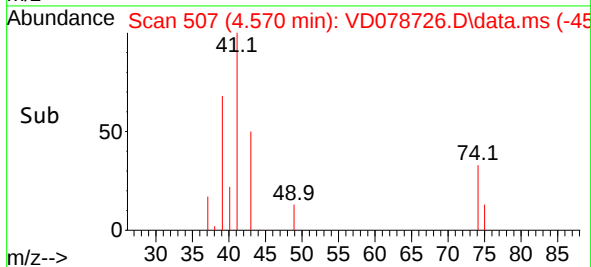
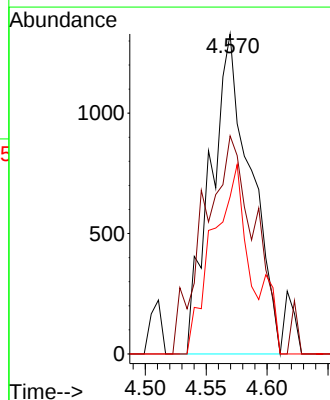
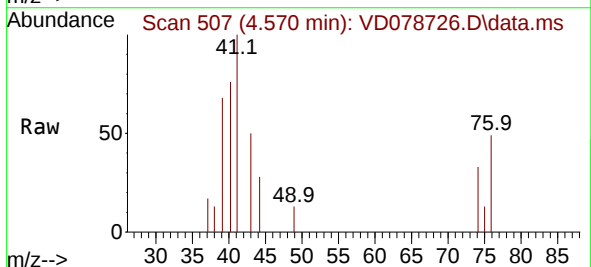
Tgt Ion: 41 Resp: 3042

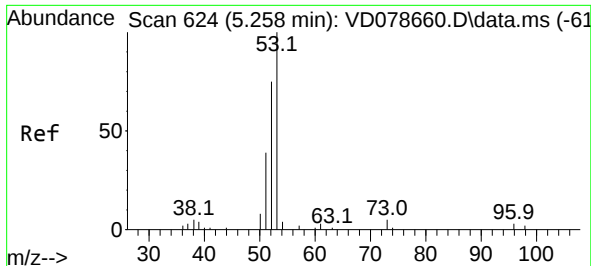
Ion Ratio Lower Upper

41 100

39 85.3 57.8 86.6

76 58.0 44.8 67.2

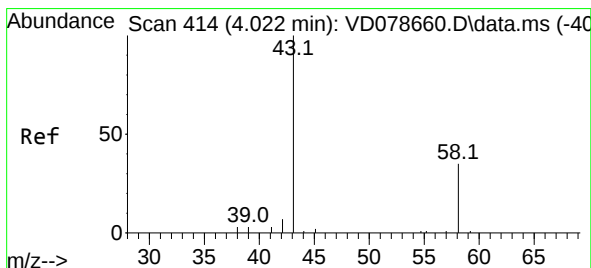
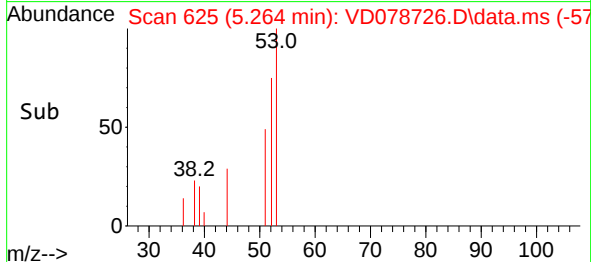
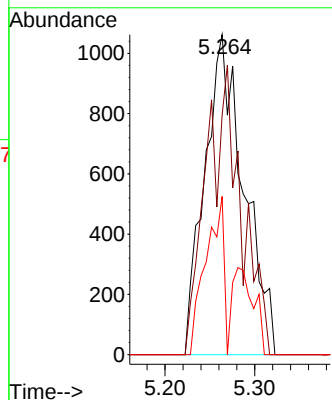
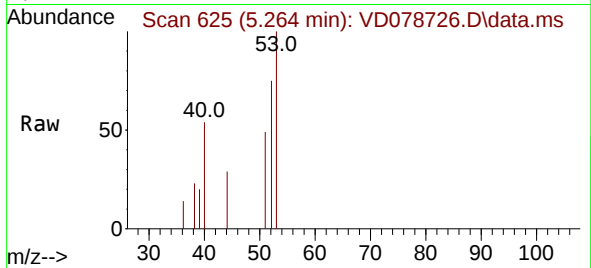




#15
Acrylonitrile
Concen: 14.559 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

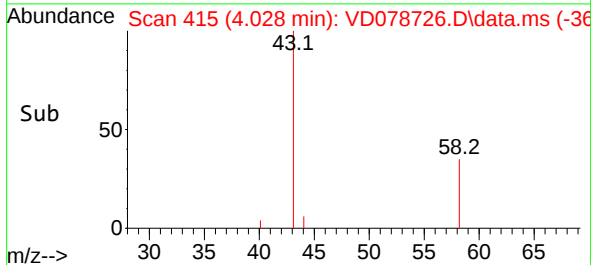
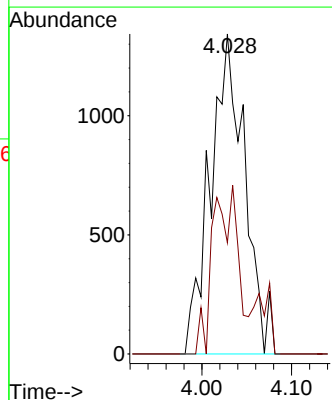
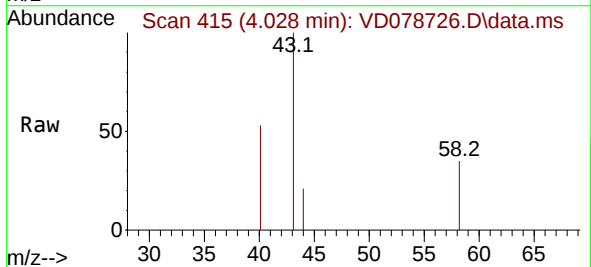
Instrument :
MSVOA_D
ClientSampleId :
MDL07

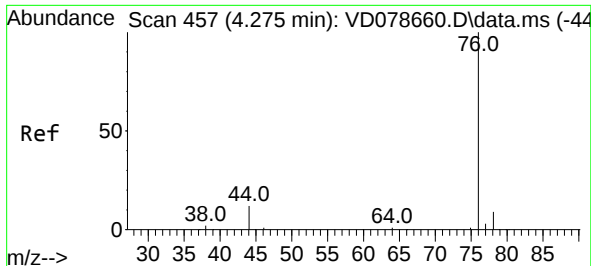
Tgt Ion: 53 Resp: 3215
Ion Ratio Lower Upper
53 100
52 48.6 61.9 92.9#
51 22.9 29.0 43.4#



#16
Acetone
Concen: 17.992 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 43 Resp: 3567
Ion Ratio Lower Upper
43 100
58 34.8 28.2 42.4

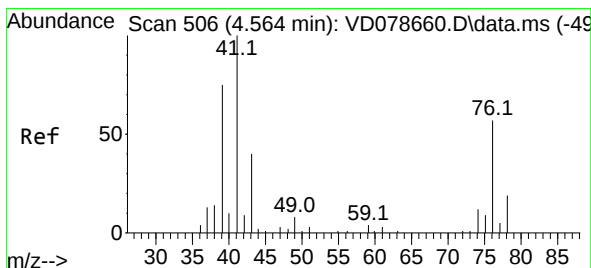
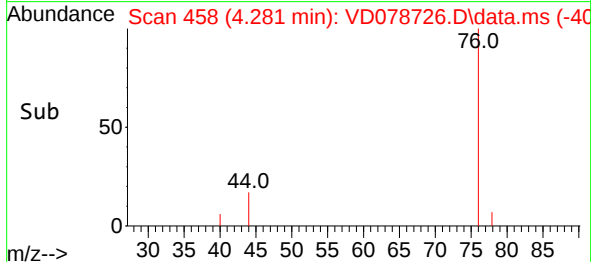
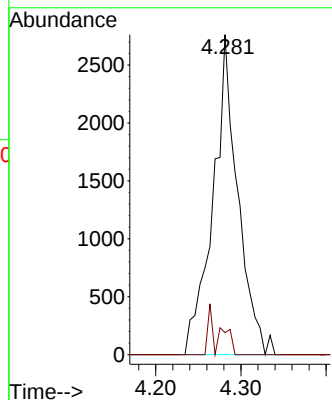
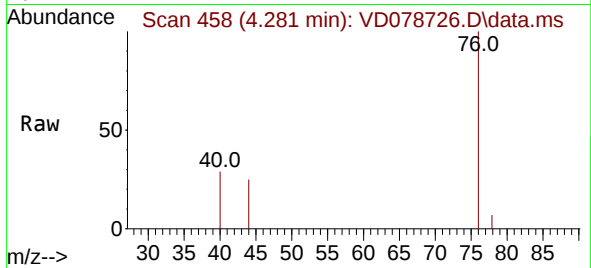




#17
Carbon Disulfide
Concen: 1.532 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

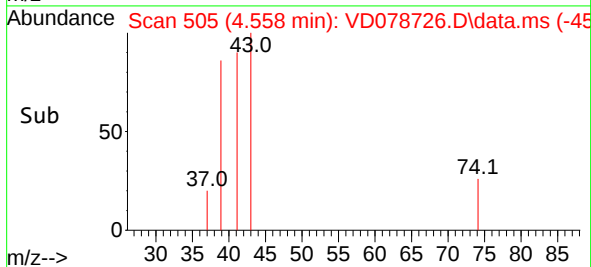
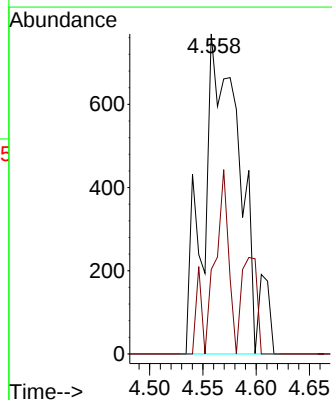
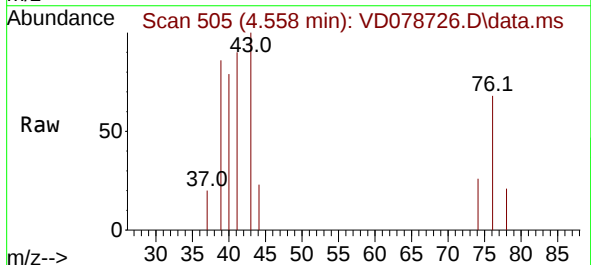
Instrument :
MSVOA_D
ClientSampleId :
MDL07

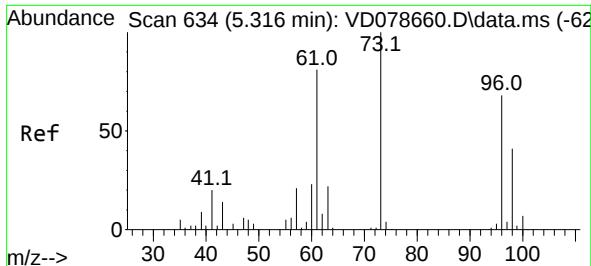
Tgt Ion: 76 Resp: 5621
Ion Ratio Lower Upper
76 100
78 6.9 7.3 10.9#



#18
Methyl Acetate
Concen: 4.376 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
74 24.1 25.3 37.9#

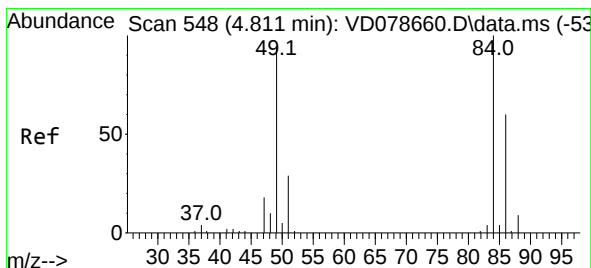
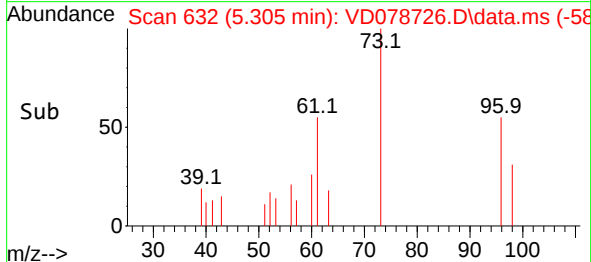
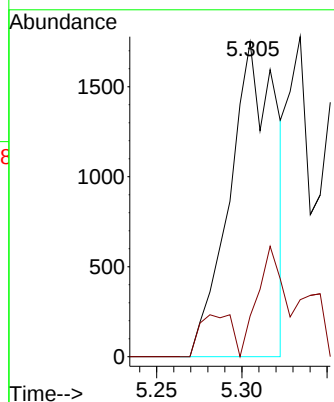
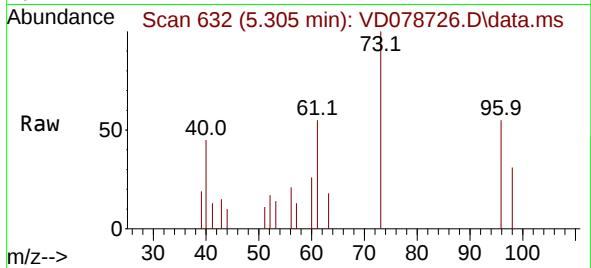




#19
Methyl tert-butyl Ether
Concen: 1.461 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

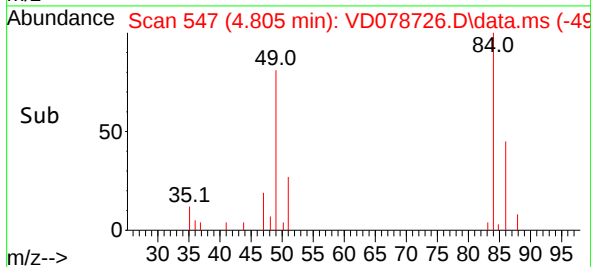
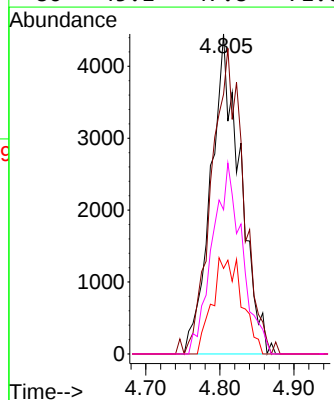
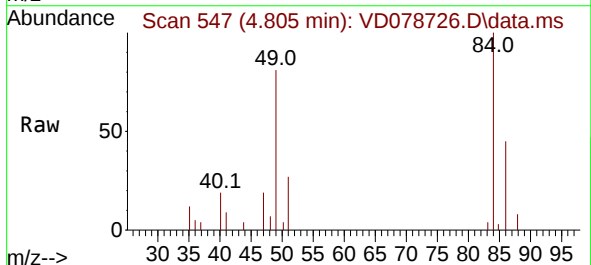
Instrument :
MSVOA_D
ClientSampleId :
MDL07

Tgt Ion: 73 Resp: 3297
Ion Ratio Lower Upper
73 100
57 12.9 16.4 24.6#



#20
Methylene Chloride
Concen: 4.661 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

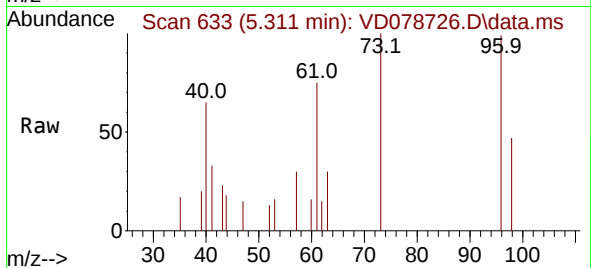
Tgt Ion: 84 Resp: 12271
Ion Ratio Lower Upper
84 100
49 81.1 75.6 113.4
51 26.8 23.4 35.0
86 45.1 47.8 71.6#



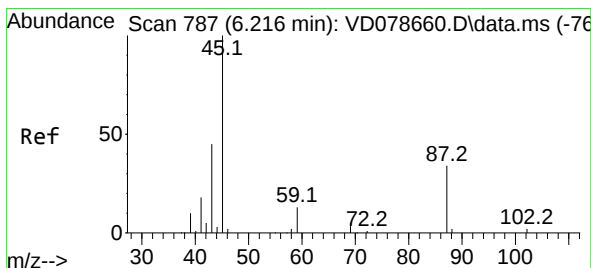
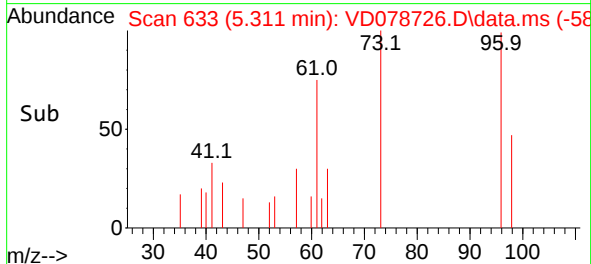
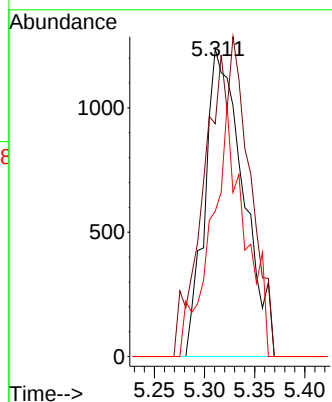


#21
trans-1,2-Dichloroethene
Concen: 2.484 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :
MDL07

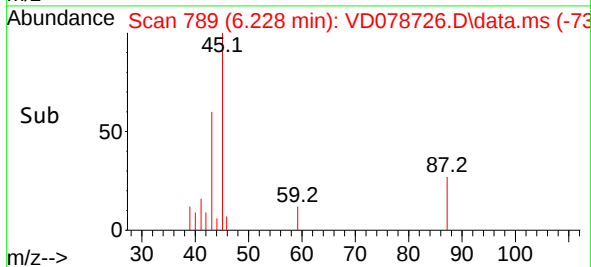
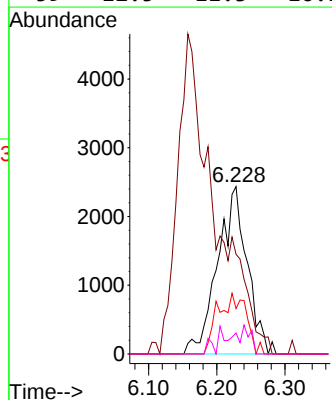
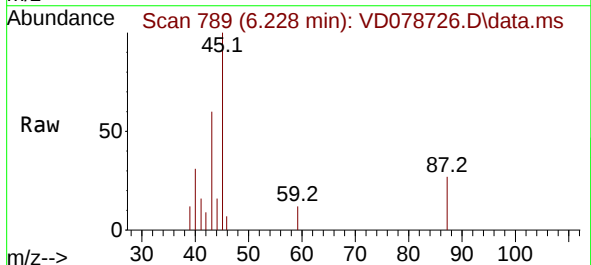


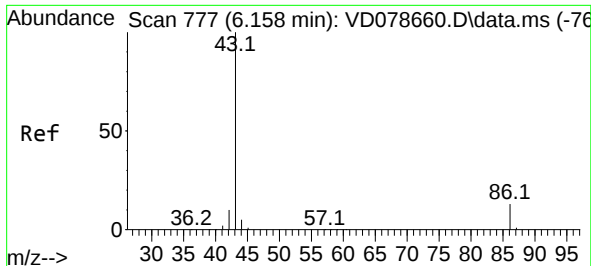
Tgt Ion: 96 Resp: 3281
Ion Ratio Lower Upper
96 100
61 75.7 96.1 144.1#
98 47.2 48.9 73.3#



#22
Diisopropyl ether
Concen: 2.583 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 45 Resp: 7336
Ion Ratio Lower Upper
45 100
43 59.6 44.3 66.5
87 27.2 28.3 42.5#
59 12.5 11.3 16.9

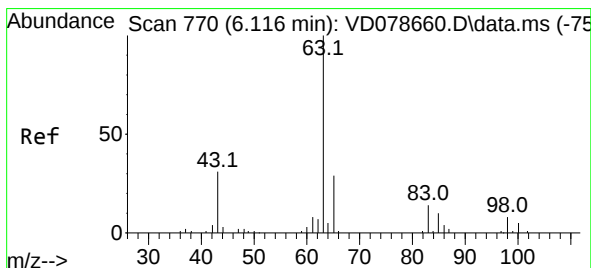
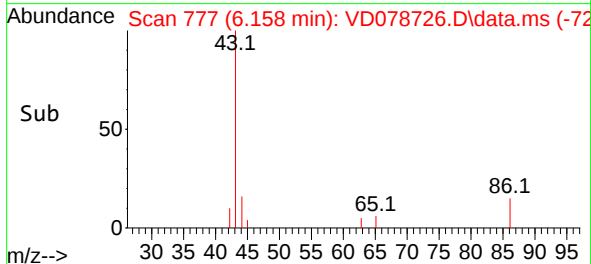
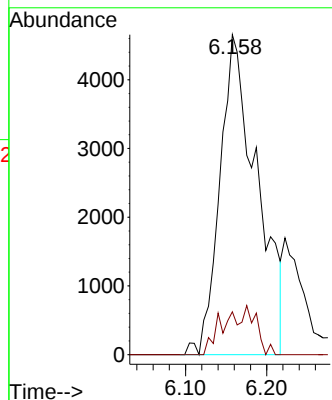
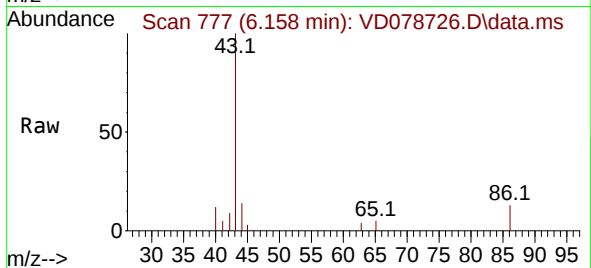




#23
 Vinyl Acetate
 Concen: 8.888 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

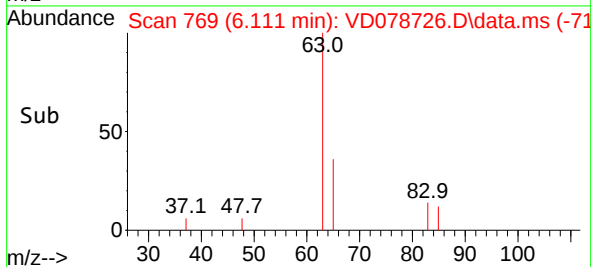
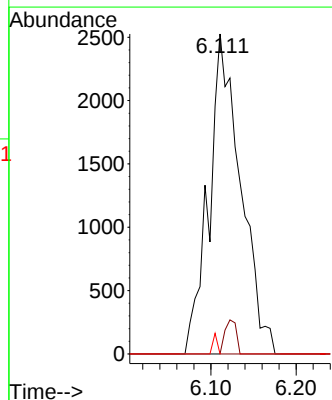
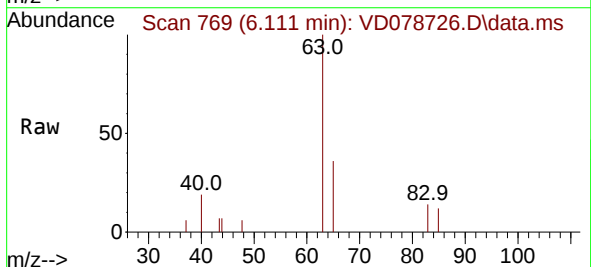
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL07

Tgt Ion: 43 Resp: 14763
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 3.079 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

Tgt Ion: 63 Resp: 6555
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 11.9#
 100 0.0 2.7 8.1#

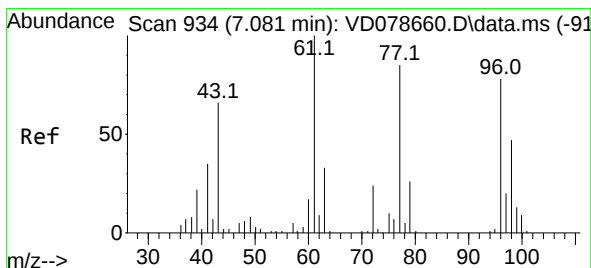
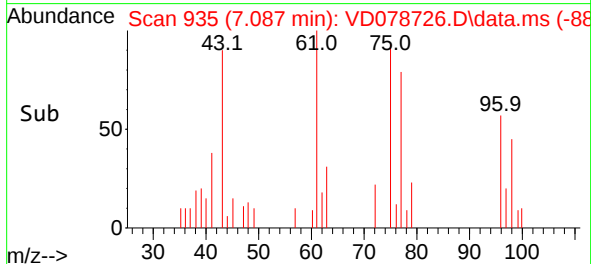
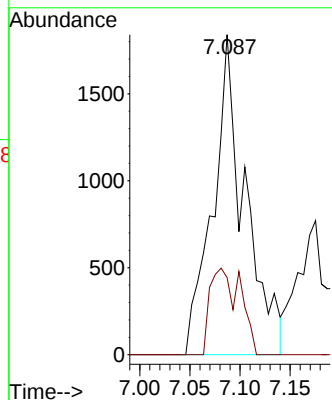
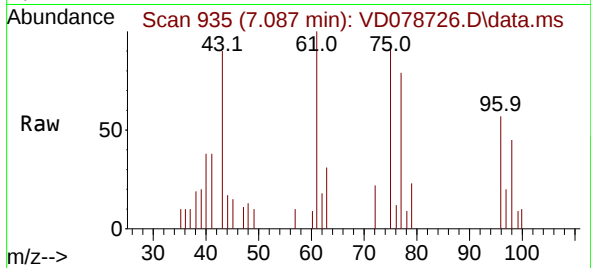




#25
2-Butanone
Concen: 15.464 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

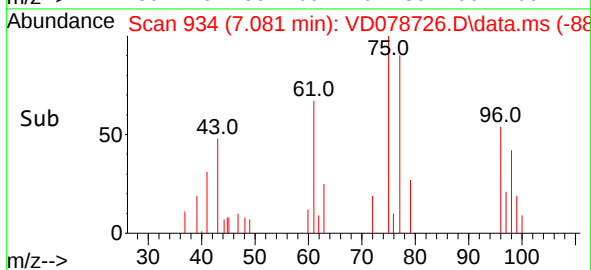
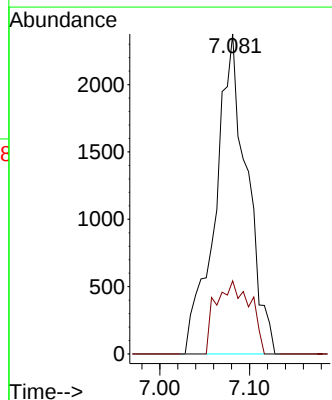
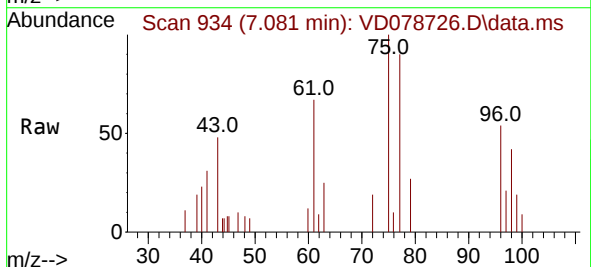
Instrument :
MSVOA_D
ClientSampleId :
MDL07

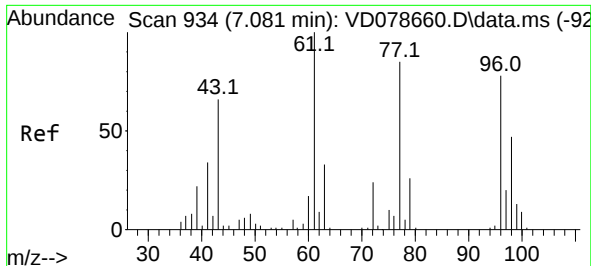
Tgt Ion: 43 Resp: 4076
Ion Ratio Lower Upper
43 100
72 24.1 25.0 37.6#



#26
2,2-Dichloropropane
Concen: 3.229 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 77 Resp: 5817
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 2.441 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

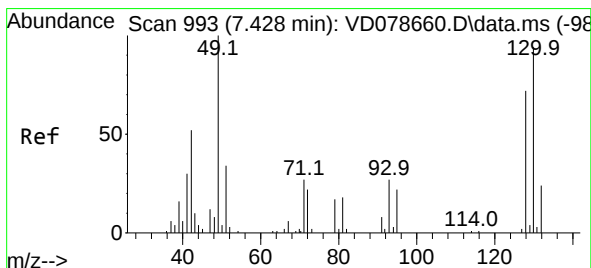
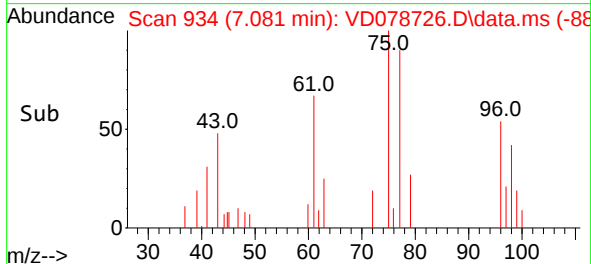
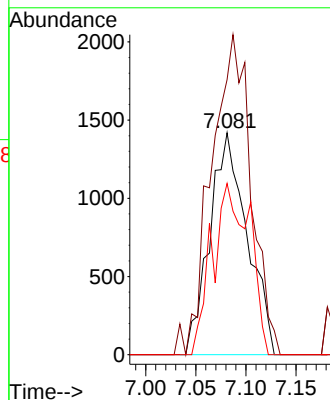
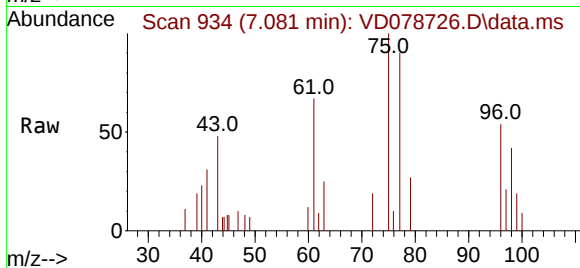
Tgt Ion: 96 Resp: 3677

Ion Ratio Lower Upper

96 100

61 153.6 0.0 245.0

98 77.7 0.0 126.6



#28

Bromochloromethane

Concen: 2.953 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

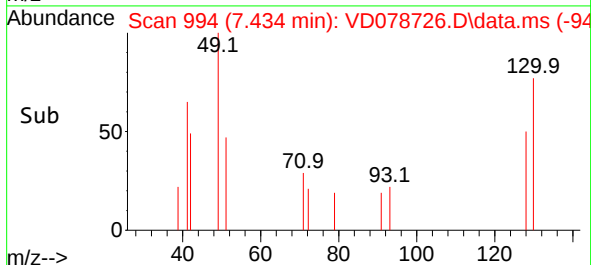
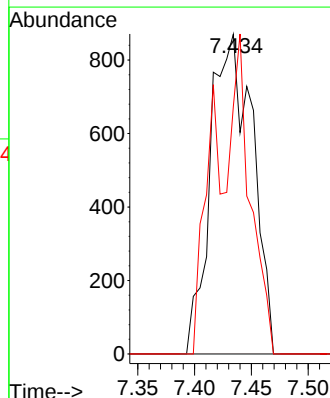
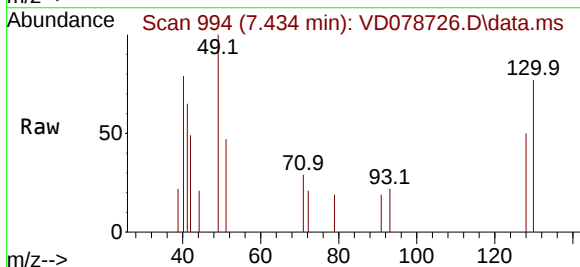
Tgt Ion: 49 Resp: 2241

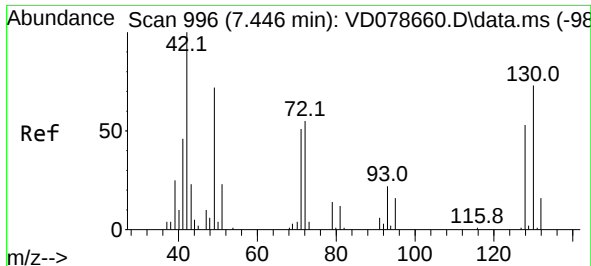
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.2

130 43.8 77.1 115.7#

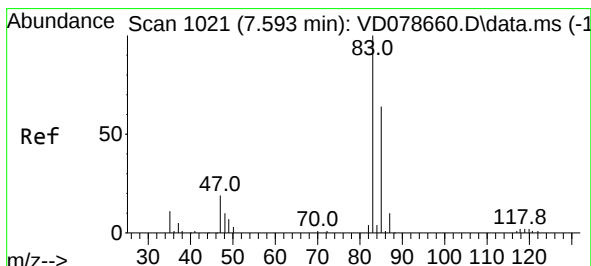
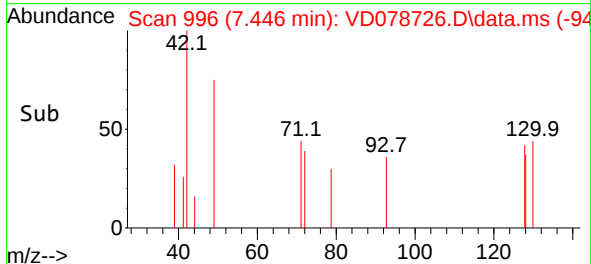
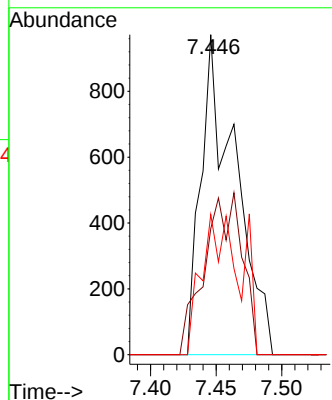
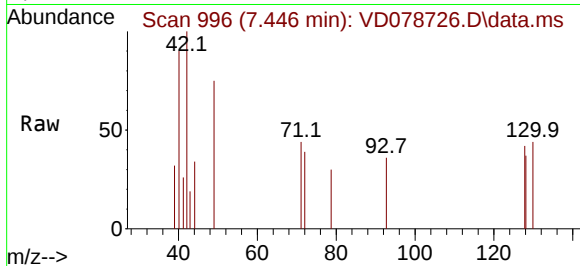




#29
Tetrahydrofuran
Concen: 12.346 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

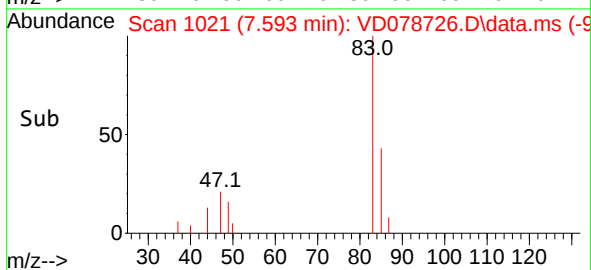
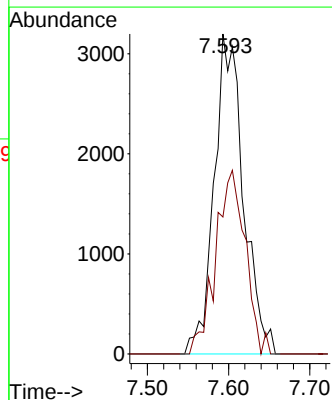
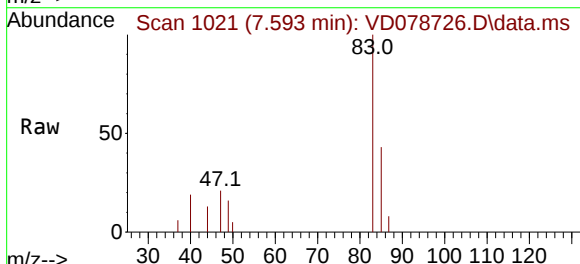
Instrument :
MSVOA_D
ClientSampleId :
MDL07

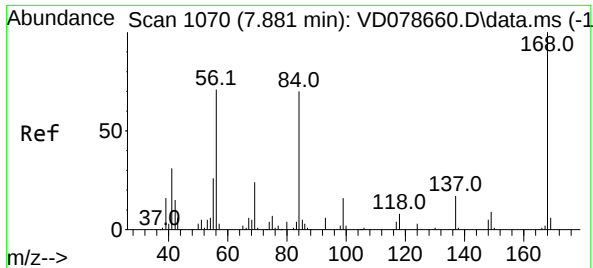
Tgt Ion: 42 Resp: 1770
Ion Ratio Lower Upper
42 100
72 0.0 43.8 65.6#
71 0.0 42.0 63.0#



#30
Chloroform
Concen: 3.371 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 83 Resp: 8003
Ion Ratio Lower Upper
83 100
85 42.8 51.2 76.8#





#31

Cyclohexane

Concen: 3.367 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

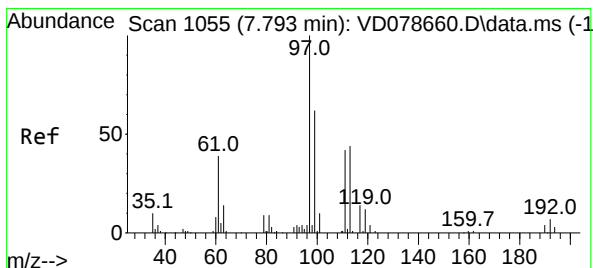
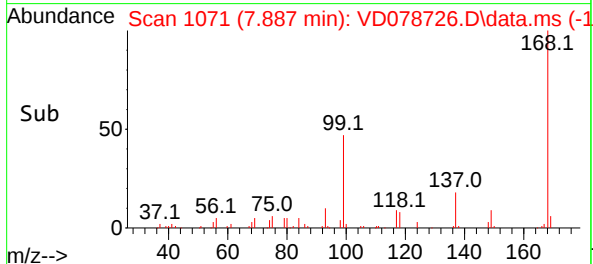
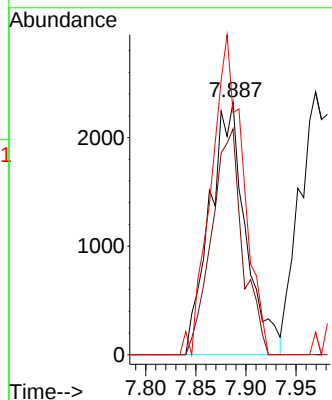
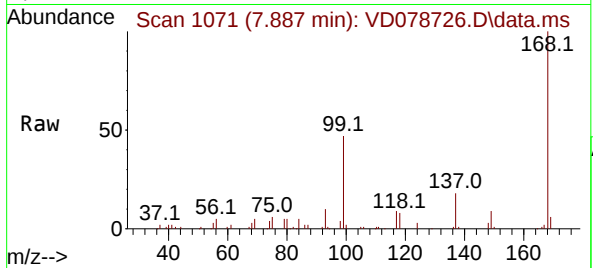
Tgt Ion: 56 Resp: 5803

Ion Ratio Lower Upper

56 100

69 89.5 26.6 40.0#

84 96.0 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 2.947 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.012 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

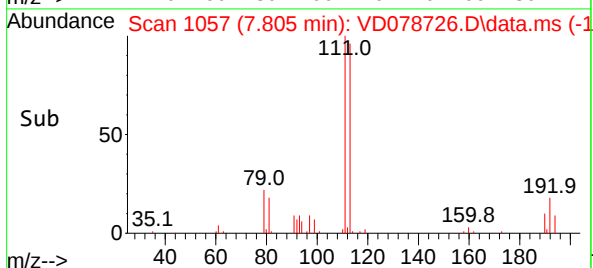
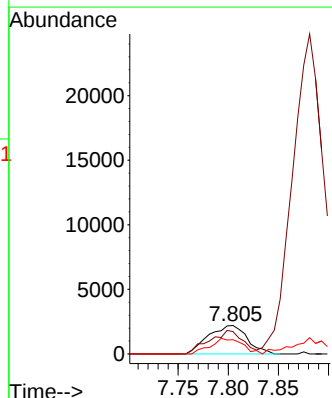
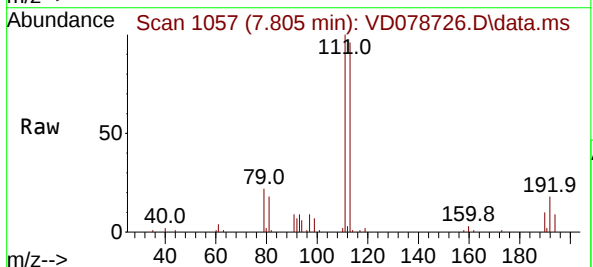
Tgt Ion: 97 Resp: 5936

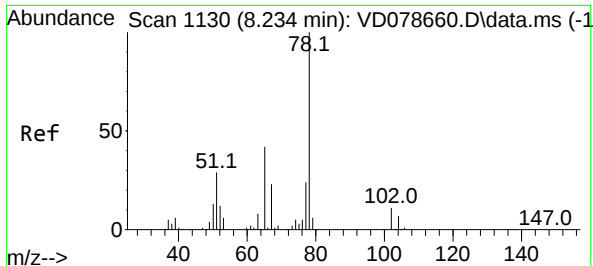
Ion Ratio Lower Upper

97 100

99 71.3 50.8 76.2

61 44.5 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 53.632 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

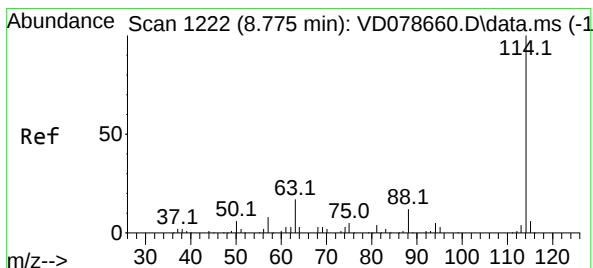
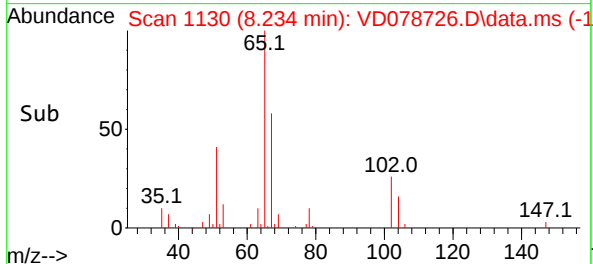
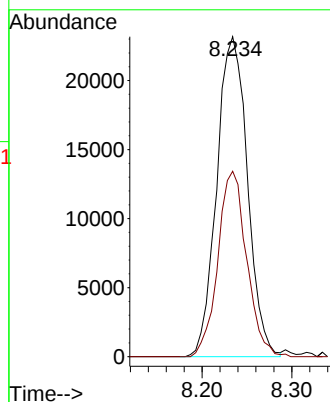
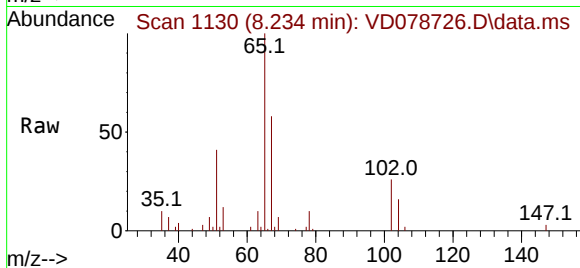
MDL07

Tgt Ion: 65 Resp: 54986

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

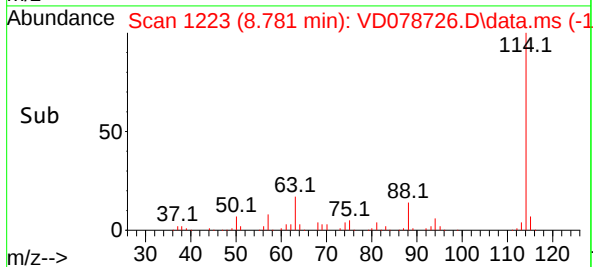
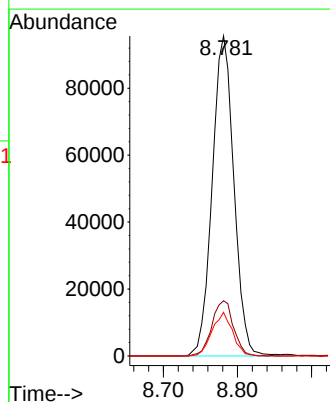
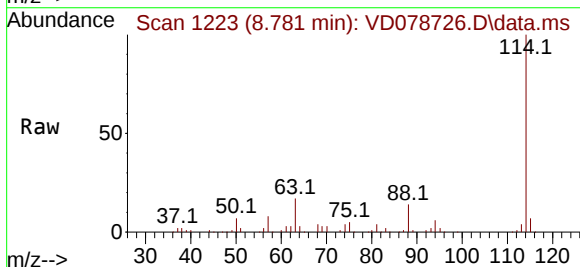
Tgt Ion: 114 Resp: 194185

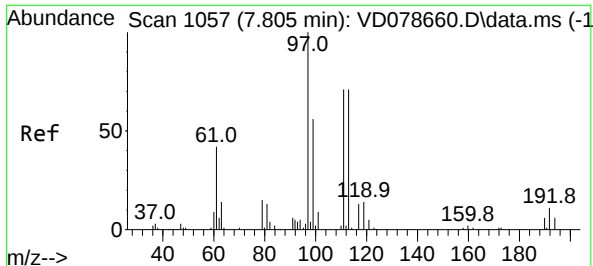
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 50.787 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

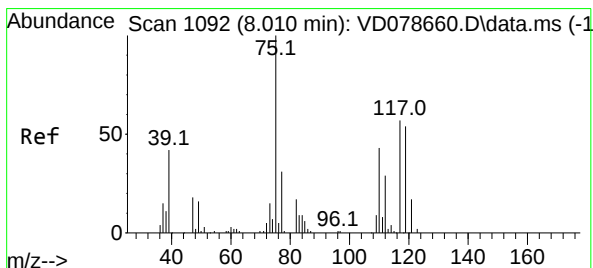
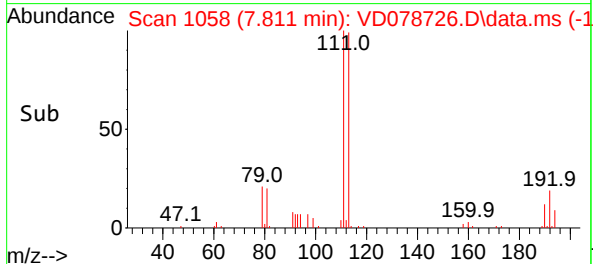
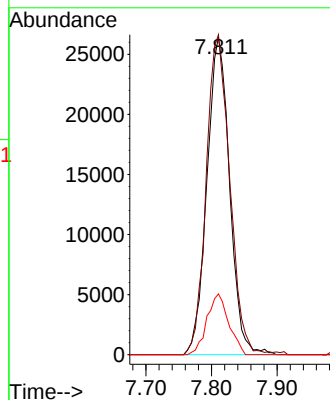
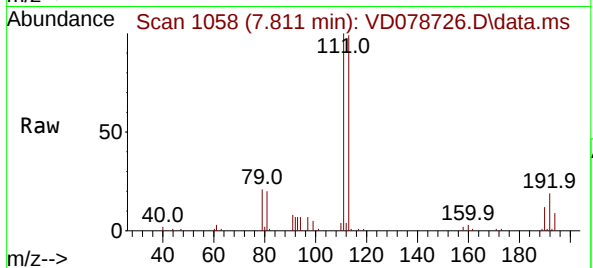
Tgt Ion:113 Resp: 63497

Ion Ratio Lower Upper

113 100

111 104.7 81.9 122.9

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 2.152 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

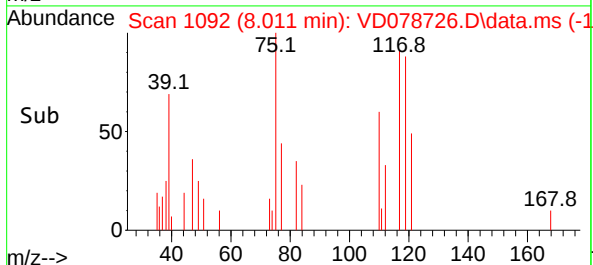
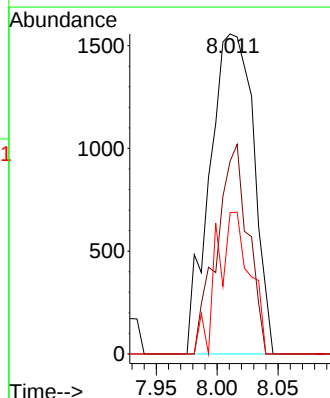
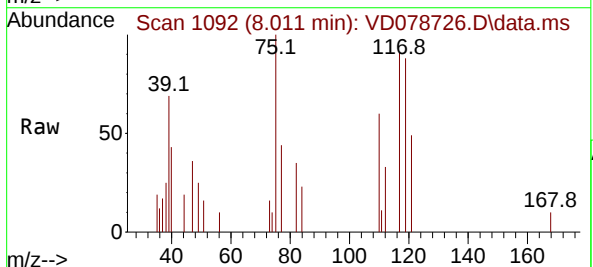
Tgt Ion: 75 Resp: 3904

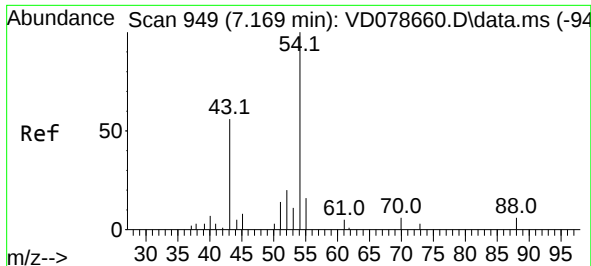
Ion Ratio Lower Upper

75 100

110 47.0 19.1 57.1

77 33.4 25.4 38.2





#37

Ethyl Acetate

Concen: 3.063 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

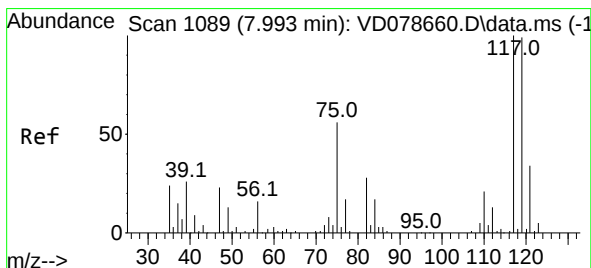
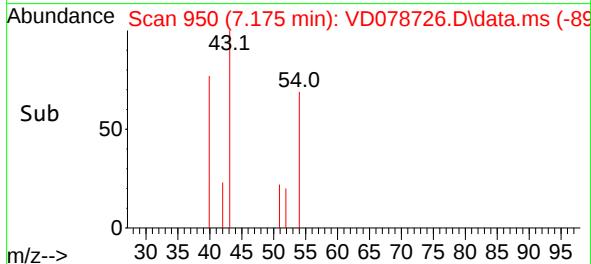
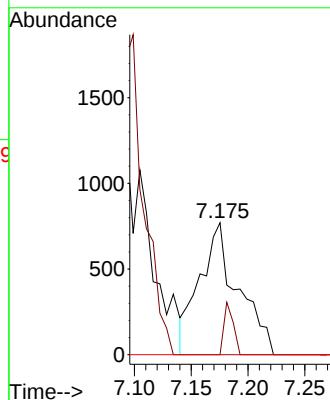
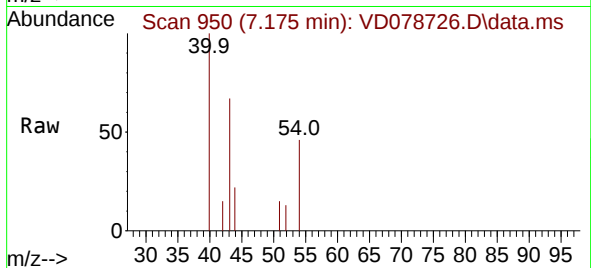
Tgt Ion: 43 Resp: 1815

Ion Ratio Lower Upper

43 100

61 9.6 14.6 21.8#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 2.739 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

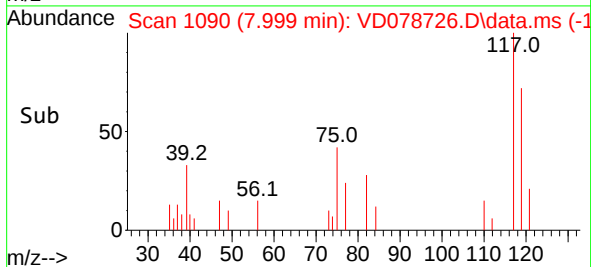
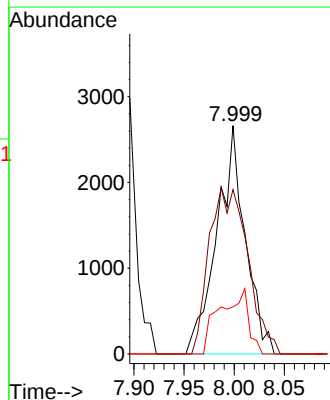
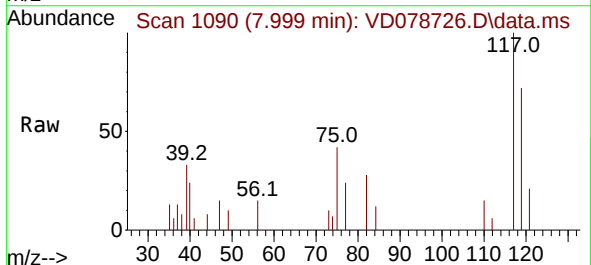
Tgt Ion: 117 Resp: 5238

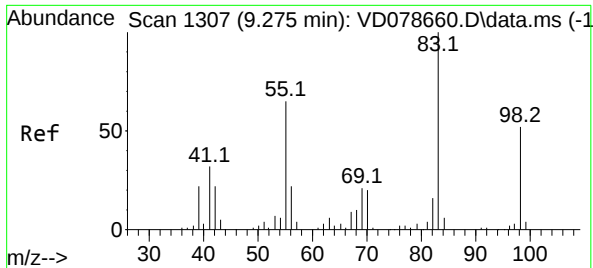
Ion Ratio Lower Upper

117 100

119 71.9 79.2 118.8#

121 20.6 26.8 40.2#





#39

Methylcyclohexane

Concen: 2.123 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

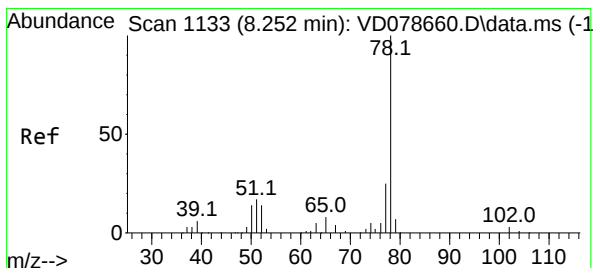
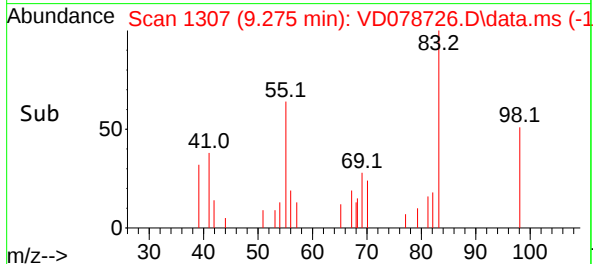
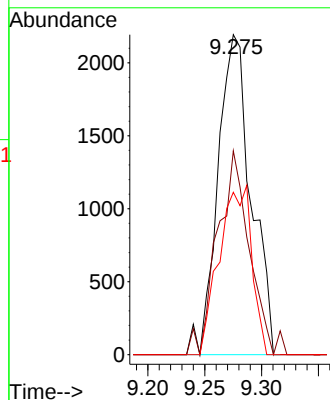
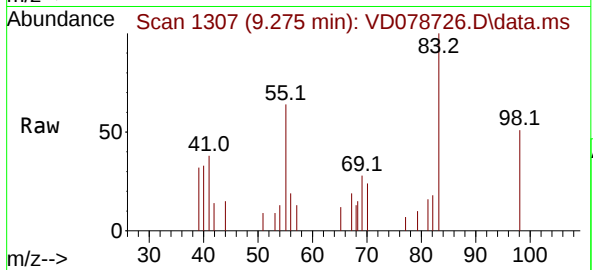
Tgt Ion: 83 Resp: 4467

Ion Ratio Lower Upper

83 100

55 63.7 51.7 77.5

98 50.8 41.4 62.0



#40

Benzene

Concen: 2.632 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078726.D

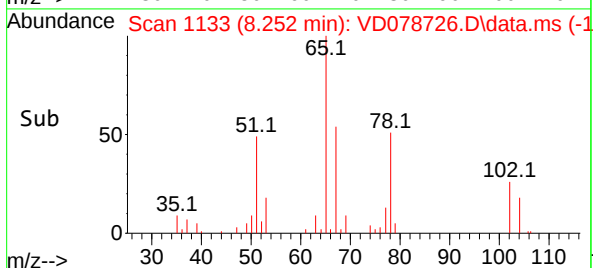
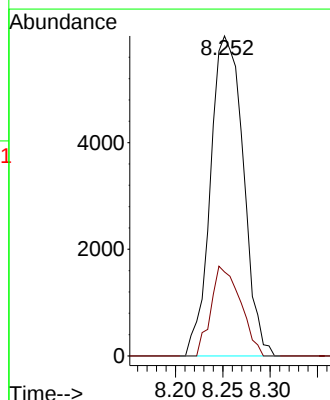
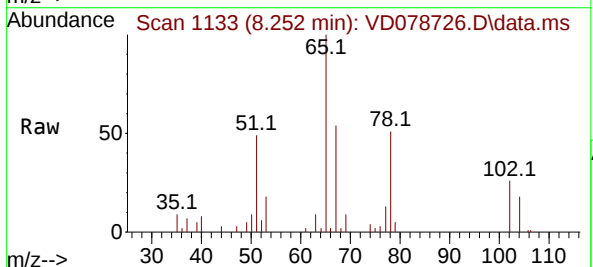
Acq: 21 Mar 2024 13:19

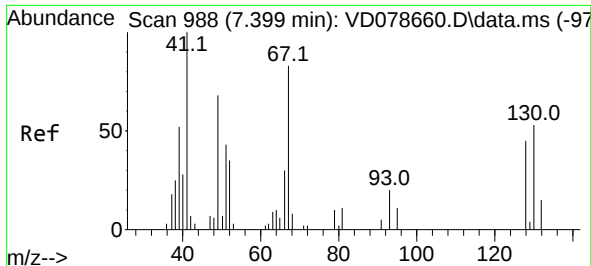
Tgt Ion: 78 Resp: 14434

Ion Ratio Lower Upper

78 100

77 26.3 20.4 30.6

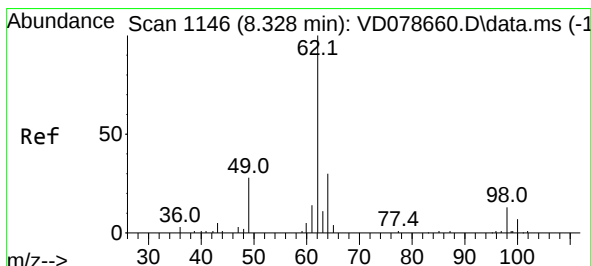
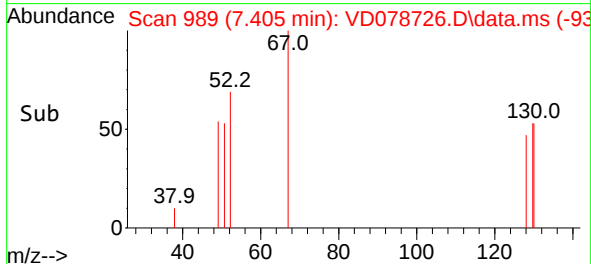
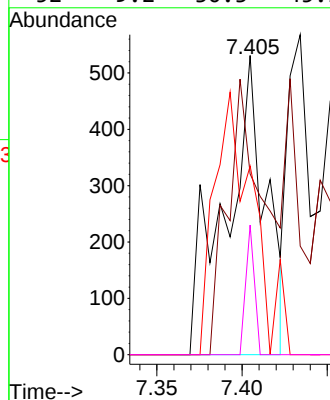
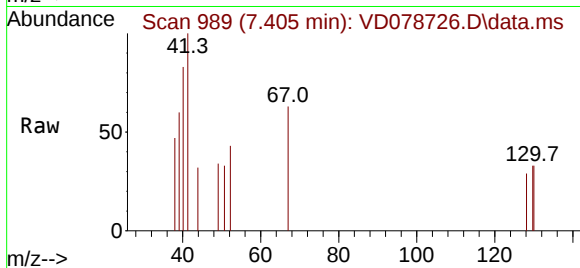




#41
Methacrylonitrile
Concen: 2.827 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

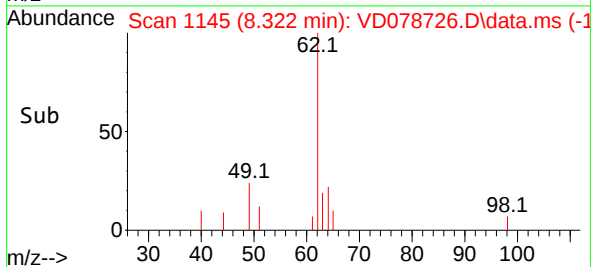
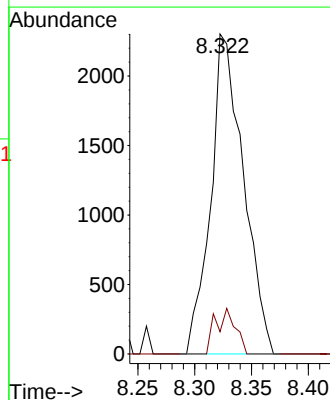
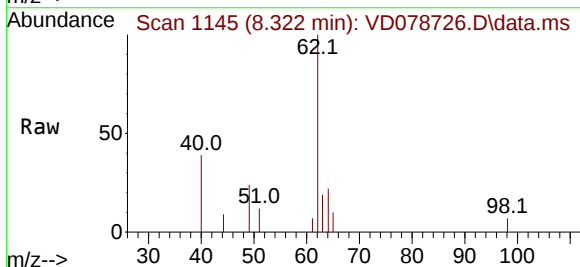
Instrument :
MSVOA_D
ClientSampleId :
MDL07

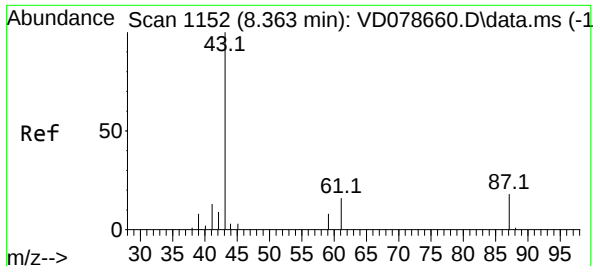
Tgt Ion: 41	Resp: 878
Ion Ratio	Lower Upper
41 100	
39 74.3	39.8 59.6#
67 84.3	83.5 125.3
52 9.2	30.3 45.5#



#42
1,2-Dichloroethane
Concen: 3.455 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 62	Resp:	4620	
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	23.8





#43

Isopropyl Acetate

Concen: 2.614 ug/l

RT: 8.375 min Scan# 1154

Delta R.T. 0.012 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

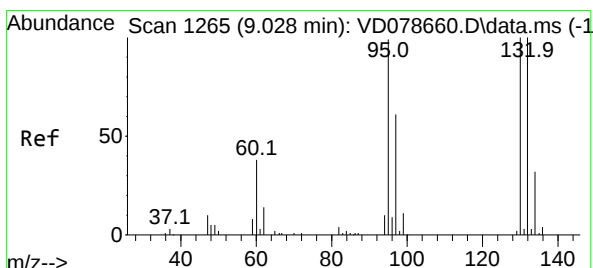
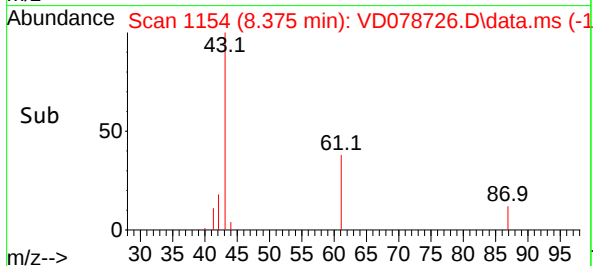
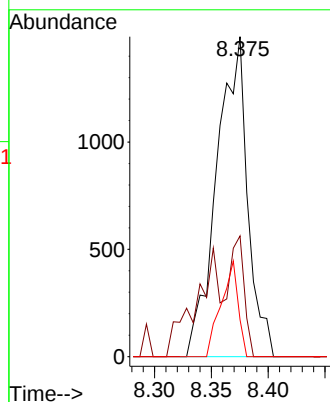
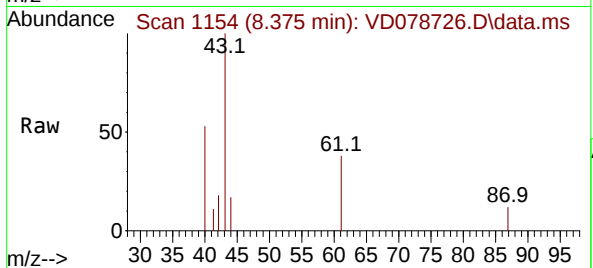
Tgt Ion: 43 Resp: 2817

Ion Ratio Lower Upper

43 100

61 19.0 30.1 45.1#

87 16.5 14.4 21.6



#44

Trichloroethene

Concen: 2.663 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078726.D

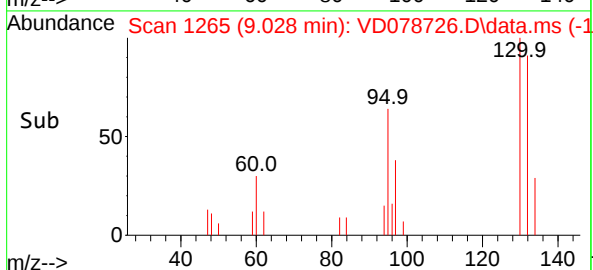
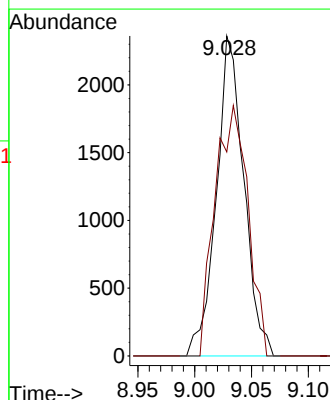
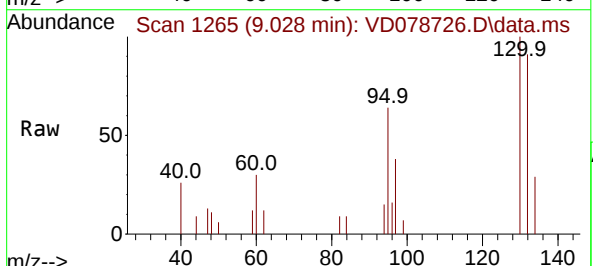
Acq: 21 Mar 2024 13:19

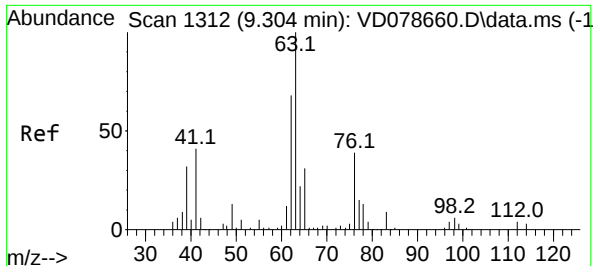
Tgt Ion:130 Resp: 3963

Ion Ratio Lower Upper

130 100

95 63.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 2.668 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

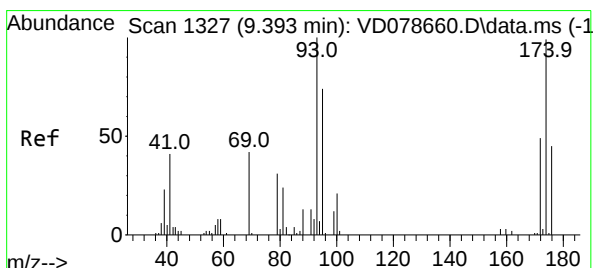
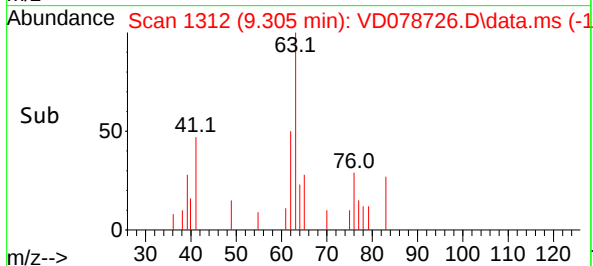
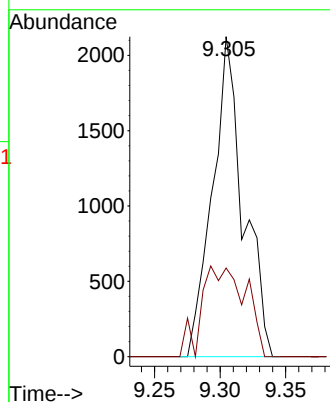
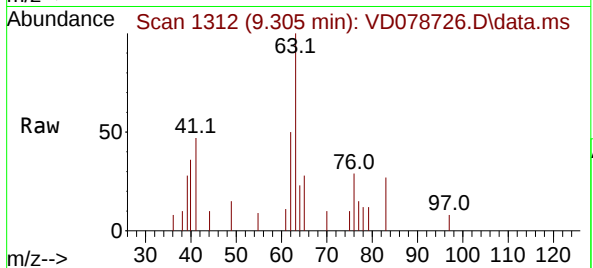
MDL07

Tgt Ion: 63 Resp: 3470

Ion Ratio Lower Upper

63 100

65 27.7 24.8 37.2



#46

Dibromomethane

Concen: 2.579 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

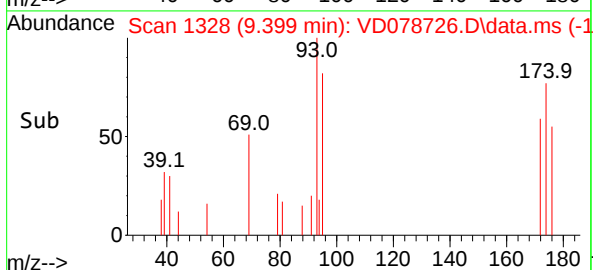
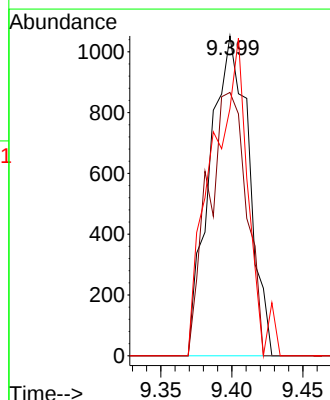
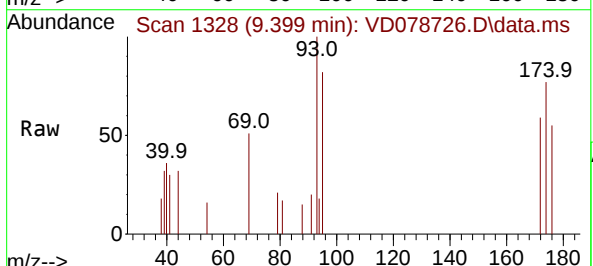
Tgt Ion: 93 Resp: 2011

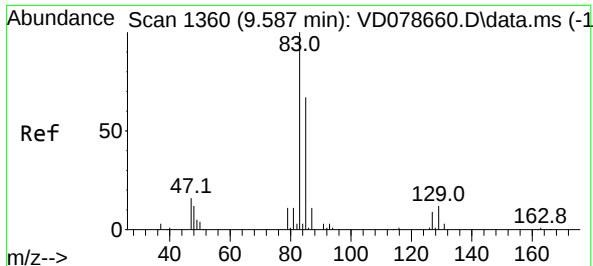
Ion Ratio Lower Upper

93 100

95 81.5 67.3 100.9

174 92.2 80.9 121.3

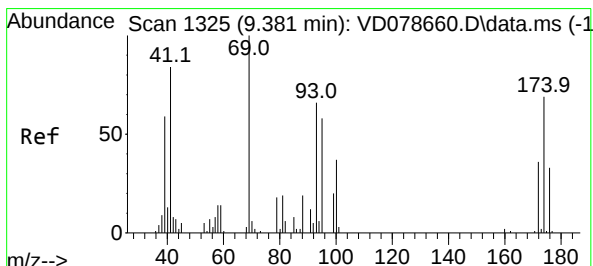
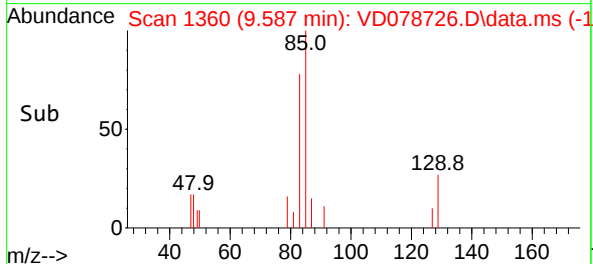
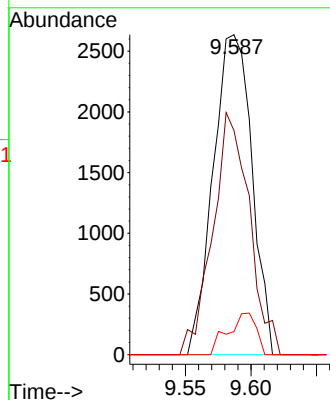
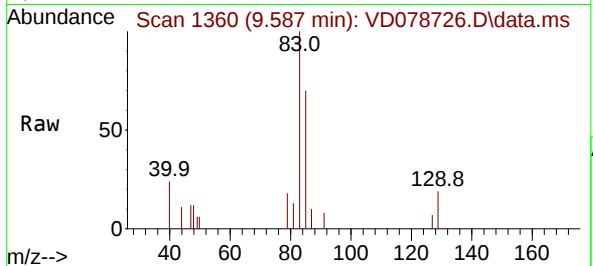




#47
Bromodichloromethane
Concen: 2.916 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

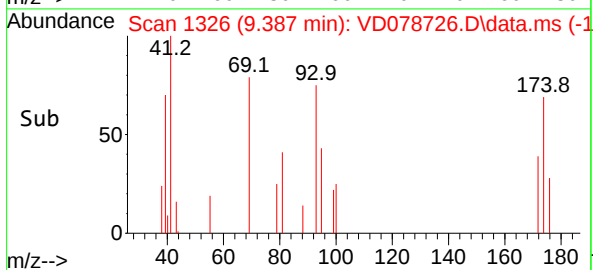
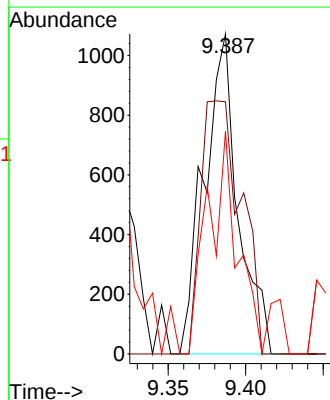
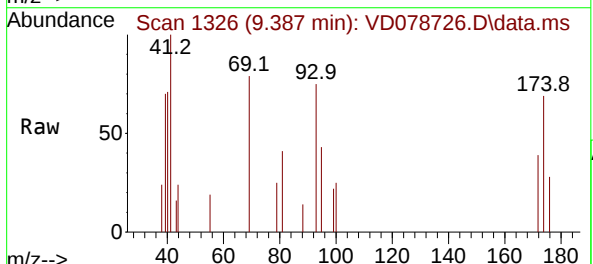
Instrument :
MSVOA_D
ClientSampleId :
MDL07

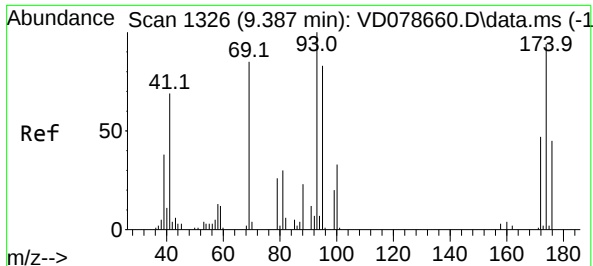
Tgt Ion: 83 Resp: 5413
Ion Ratio Lower Upper
83 100
85 70.1 54.0 81.0
127 7.2 7.1 10.7



#48
Methyl methacrylate
Concen: 3.115 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 41 Resp: 1636
Ion Ratio Lower Upper
41 100
69 93.8 88.3 132.5
39 60.2 46.6 69.8





#49

1,4-Dioxane

Concen: 32.687 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

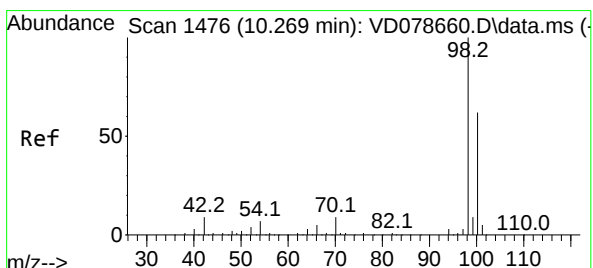
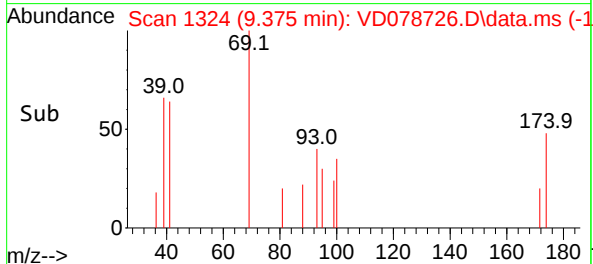
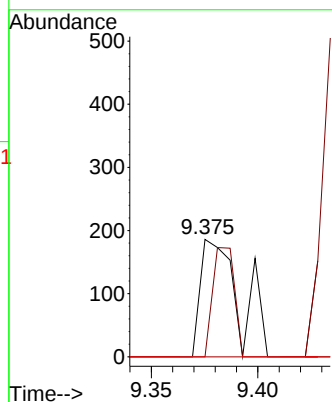
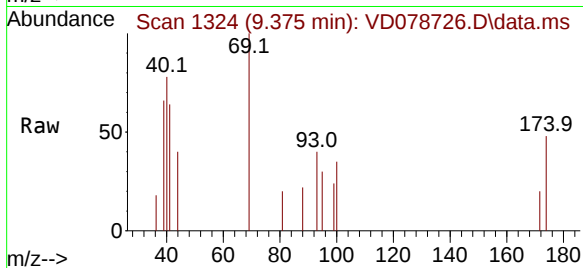
Tgt Ion: 88 Resp: 236

Ion Ratio Lower Upper

88 100

43 51.7 23.2 34.8#

58 0.0 51.0 76.6#



#50

Toluene-d8

Concen: 52.544 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078726.D

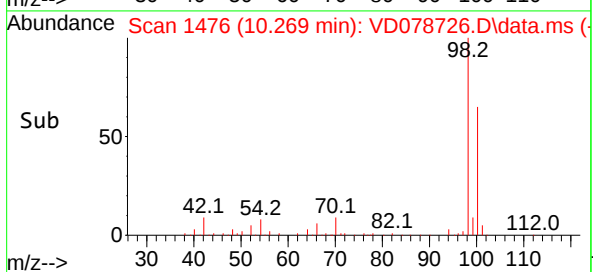
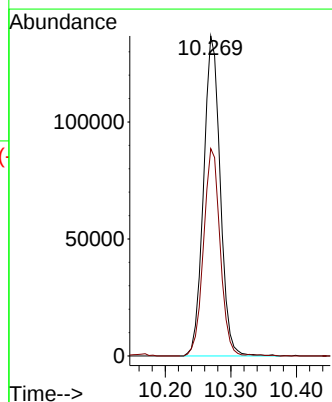
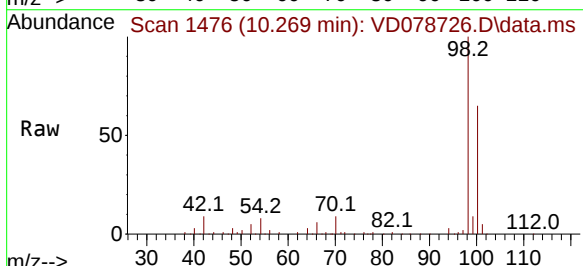
Acq: 21 Mar 2024 13:19

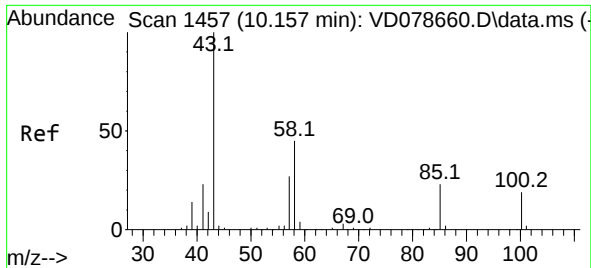
Tgt Ion: 98 Resp: 241602

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

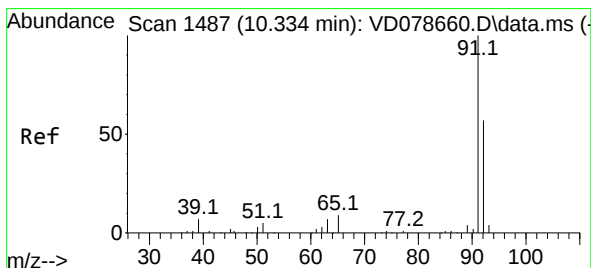
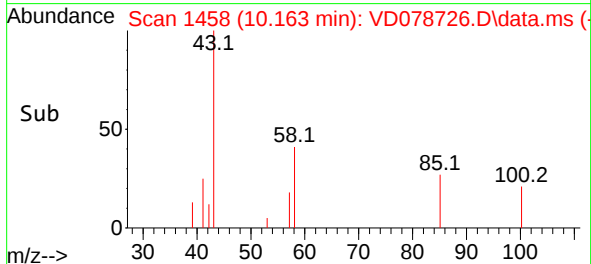
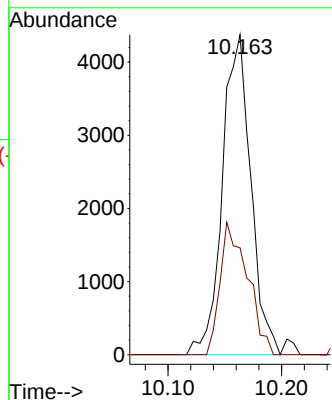
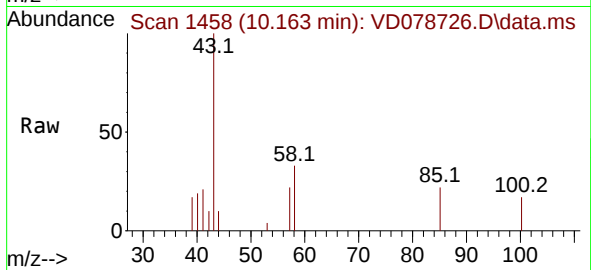




#51
4-Methyl-2-Pentanone
Concen: 13.492 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

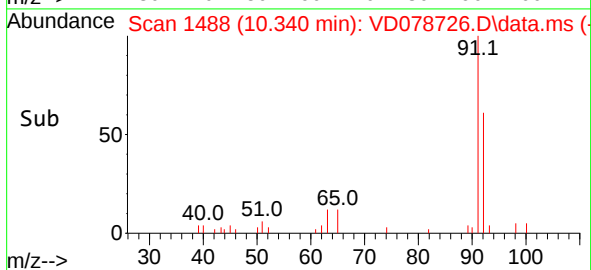
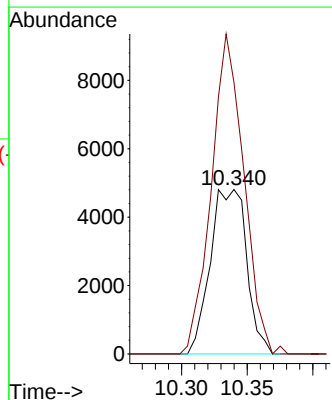
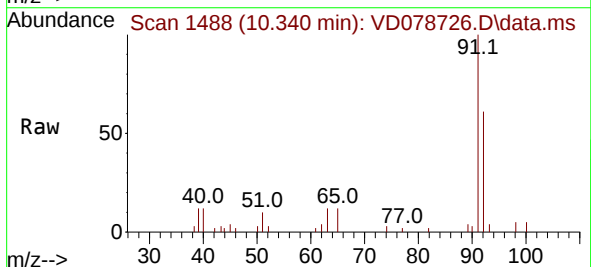
Instrument :
MSVOA_D
ClientSampleId :
MDL07

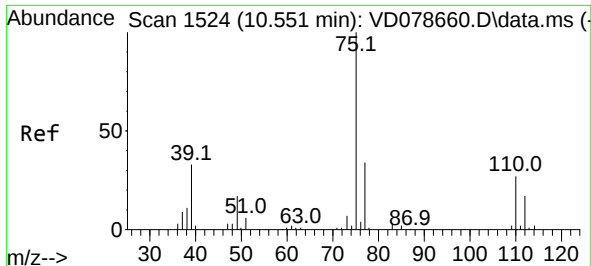
Tgt Ion: 43 Resp: 7602
Ion Ratio Lower Upper
43 100
58 40.0 36.4 54.6



#52
Toluene
Concen: 2.627 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 92 Resp: 9276
Ion Ratio Lower Upper
92 100
91 174.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 2.735 ug/l

RT: 10.557 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

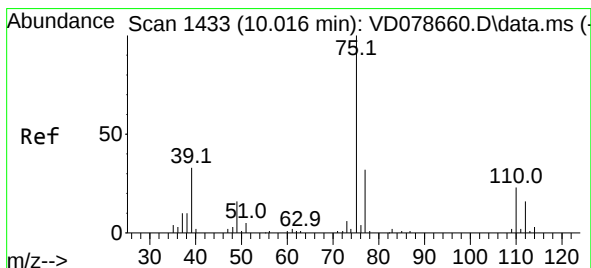
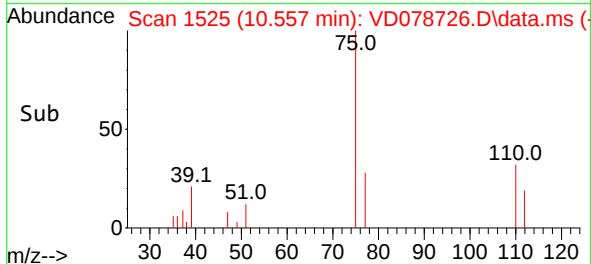
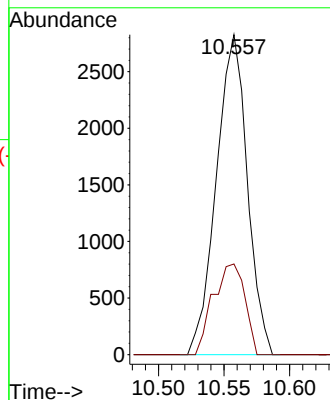
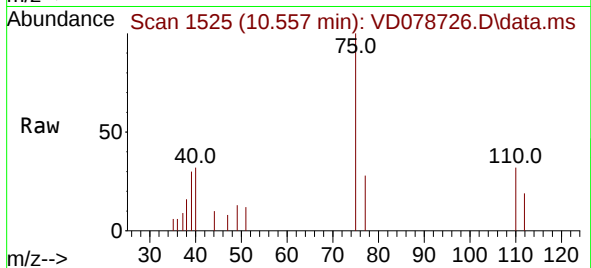
MDL07

Tgt Ion: 75 Resp: 4642

Ion Ratio Lower Upper

75 100

77 28.3 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 2.553 ug/l

RT: 10.022 min Scan# 1434

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

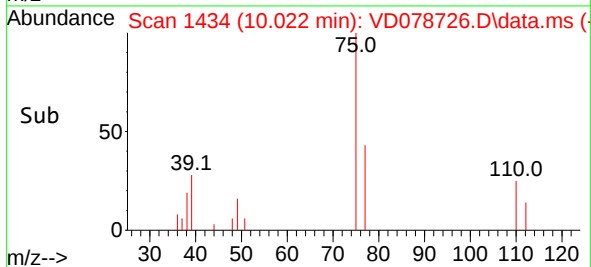
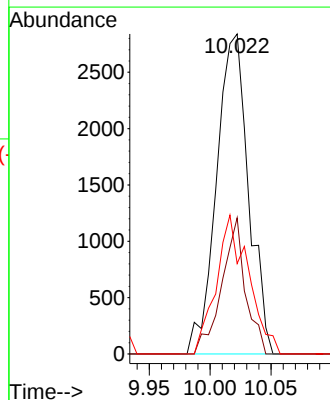
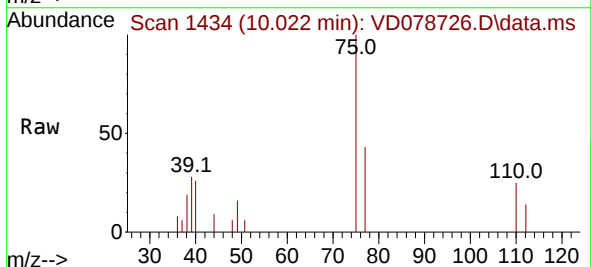
Tgt Ion: 75 Resp: 5210

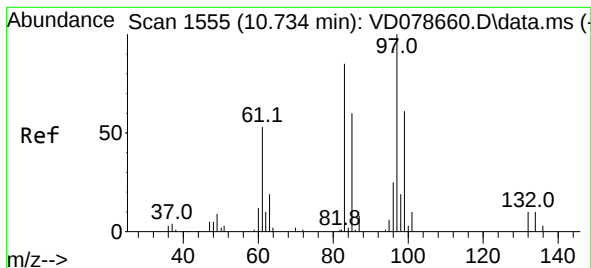
Ion Ratio Lower Upper

75 100

77 42.6 25.4 38.0#

39 28.2 26.7 40.1



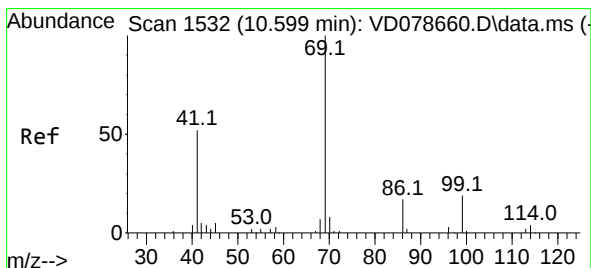
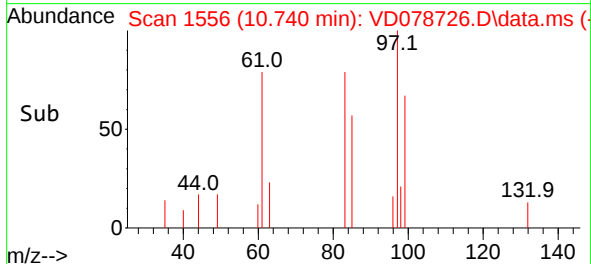
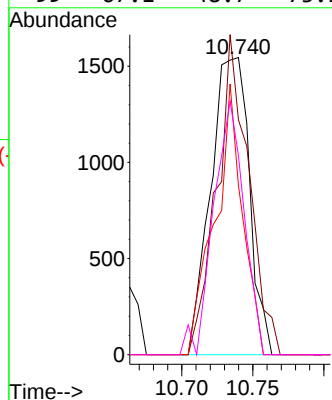
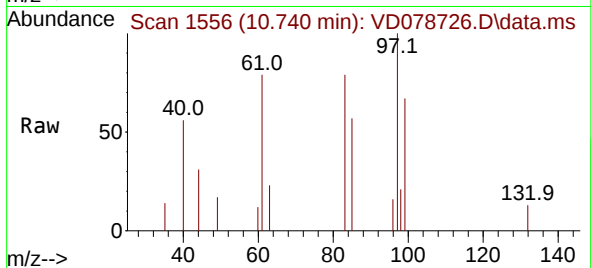


#55
1,1,2-Trichloroethane
Concen: 2.806 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :
MDL07

Tgt Ion: 97 Resp: 2930

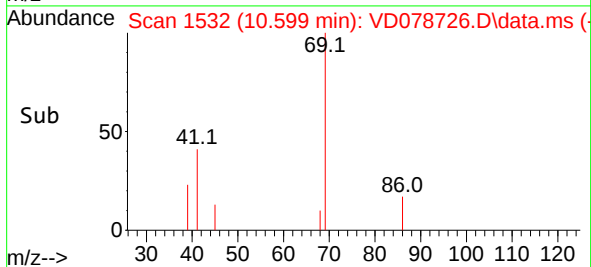
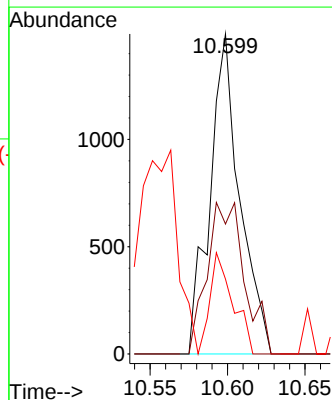
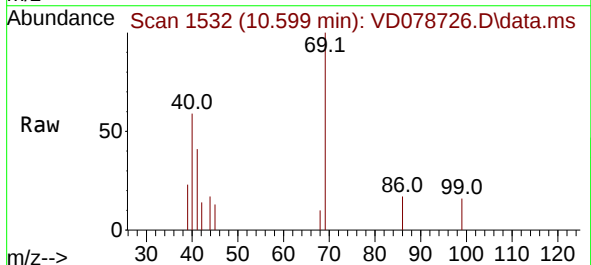
Ion	Ratio	Lower	Upper
97	100		
83	79.0	68.1	102.1
85	57.0	48.2	72.2
99	67.1	48.7	73.1

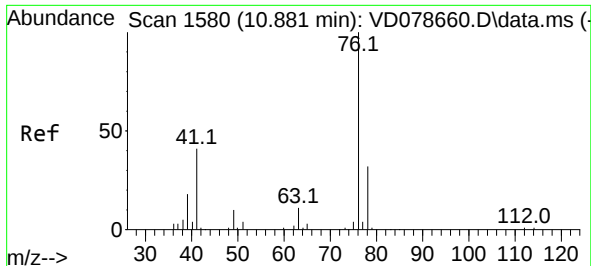


#56
Ethyl methacrylate
Concen: 1.917 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 69 Resp: 2007

Ion	Ratio	Lower	Upper
69	100		
41	58.8	40.9	61.3
39	24.3	25.5	38.3





#57

1,3-Dichloropropane

Concen: 2.905 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

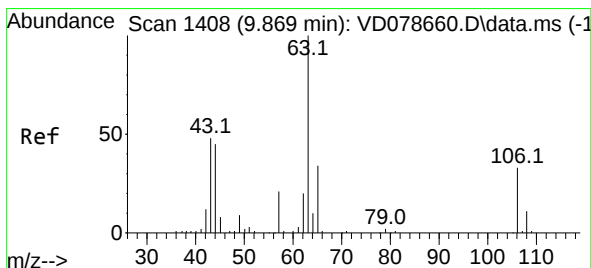
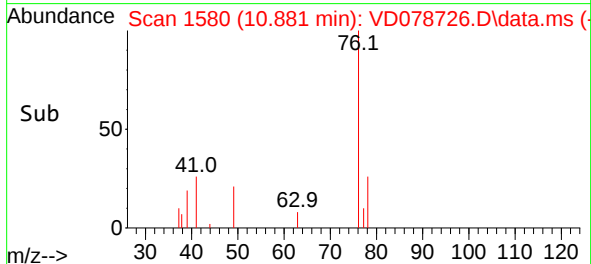
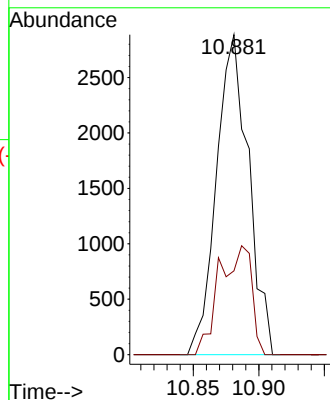
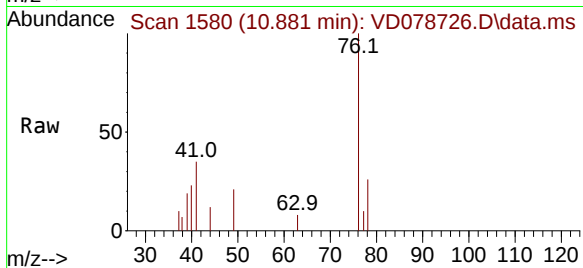
MDL07

Tgt Ion: 76 Resp: 4895

Ion Ratio Lower Upper

76 100

78 34.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 10.531 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078726.D

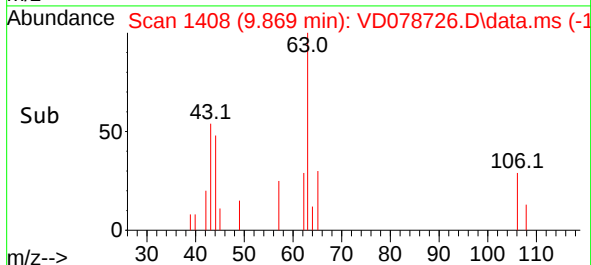
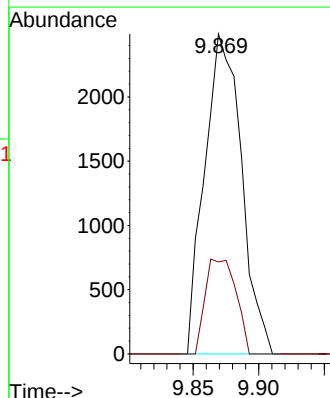
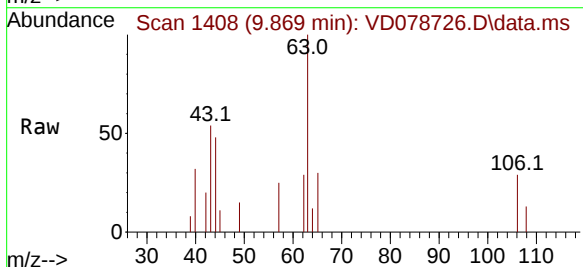
Acq: 21 Mar 2024 13:19

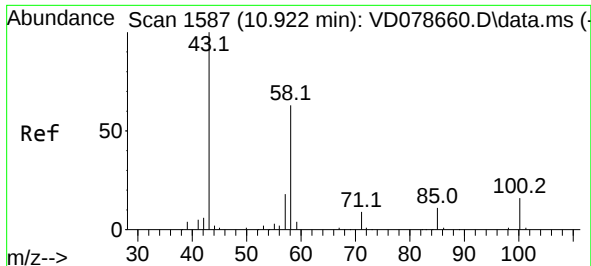
Tgt Ion: 63 Resp: 4861

Ion Ratio Lower Upper

63 100

106 24.7 25.2 37.8#





#59

2-Hexanone

Concen: 12.744 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

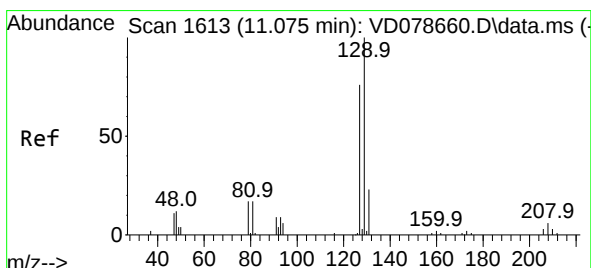
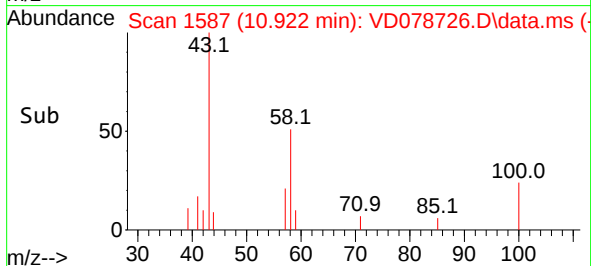
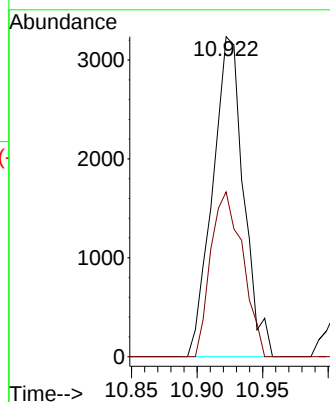
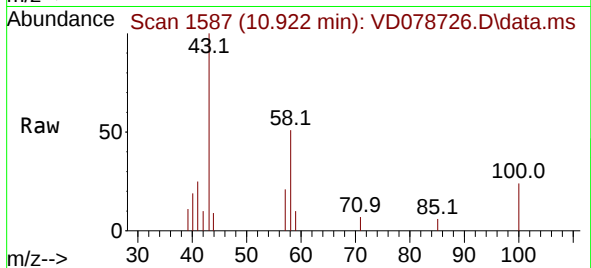
MDL07

Tgt Ion: 43 Resp: 5323

Ion Ratio Lower Upper

43 100

58 53.1 31.5 94.5



#60

Dibromochloromethane

Concen: 2.965 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078726.D

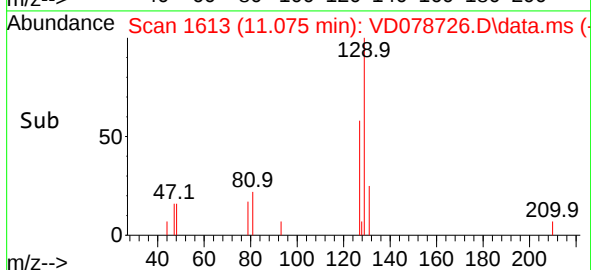
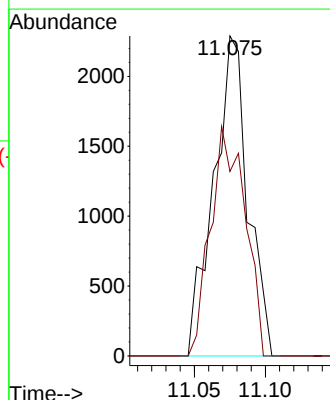
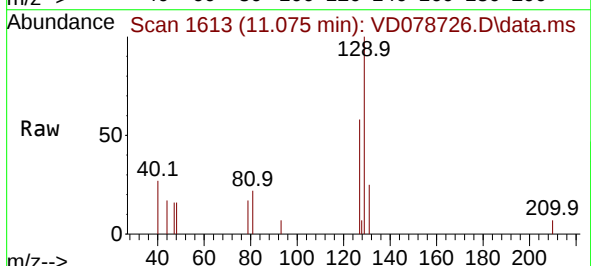
Acq: 21 Mar 2024 13:19

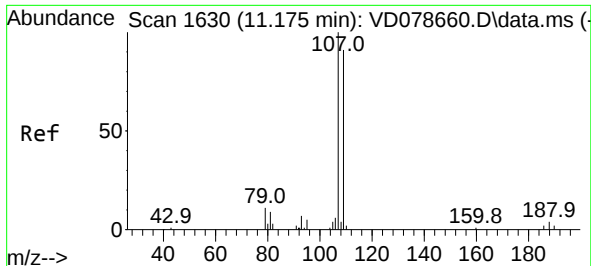
Tgt Ion:129 Resp: 3818

Ion Ratio Lower Upper

129 100

127 72.7 38.8 116.3

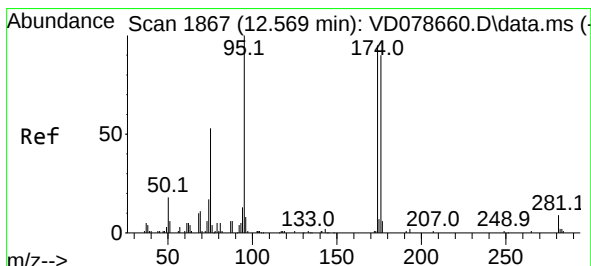
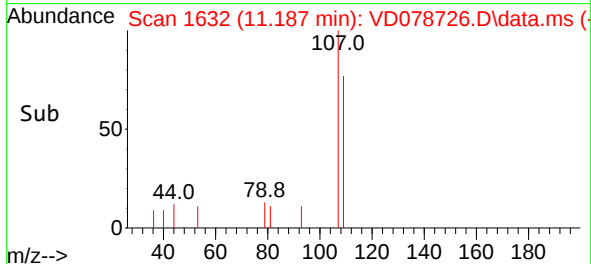
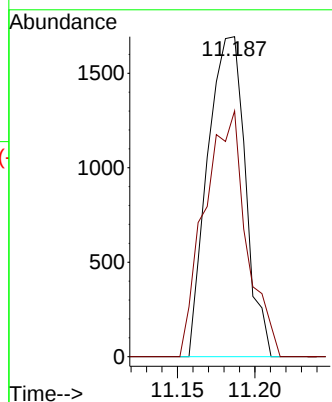
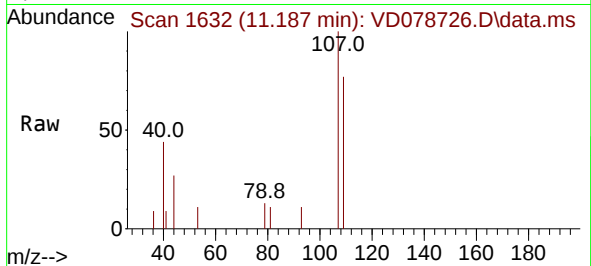




#61
1,2-Dibromoethane
Concen: 2.833 ug/l
RT: 11.187 min Scan# 1632
Delta R.T. 0.012 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

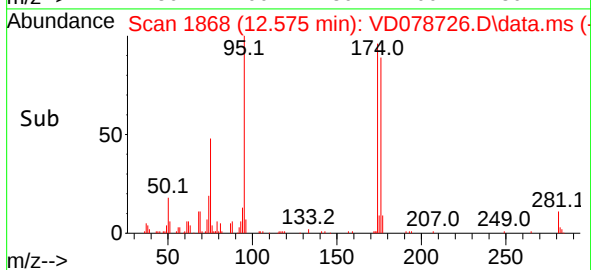
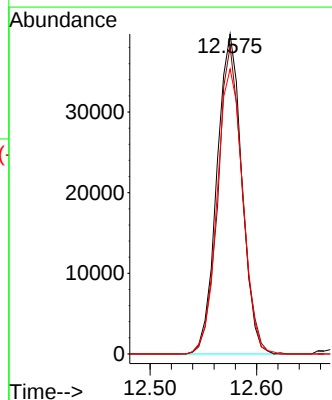
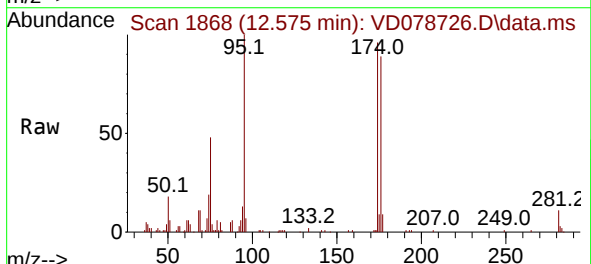
Instrument :
MSVOA_D
ClientSampleId :
MDL07

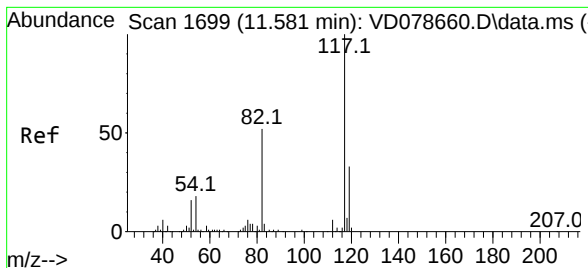
Tgt Ion:107 Resp: 2863
Ion Ratio Lower Upper
107 100
109 85.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.806 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 95 Resp: 64308
Ion Ratio Lower Upper
95 100
174 93.4 0.0 195.2
176 92.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

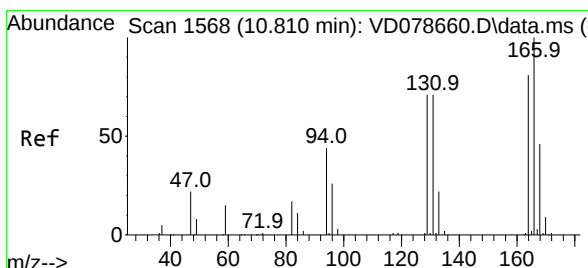
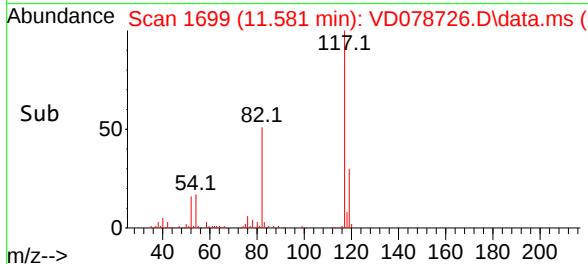
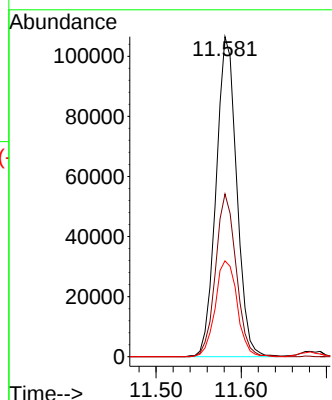
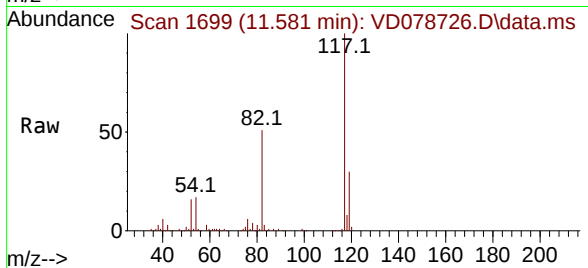
Tgt Ion:117 Resp: 179201

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

119 30.0 26.5 39.7



#64

Tetrachloroethene

Concen: 2.770 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Tgt Ion:164 Resp: 3285

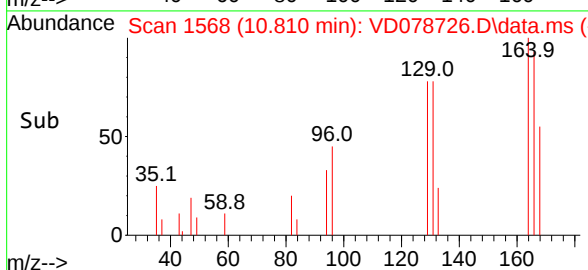
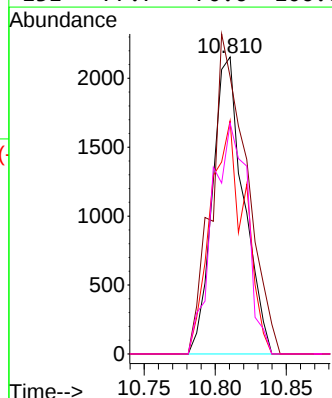
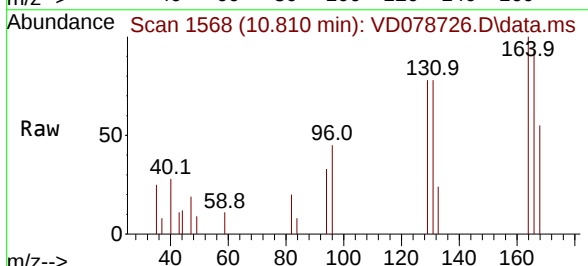
Ion Ratio Lower Upper

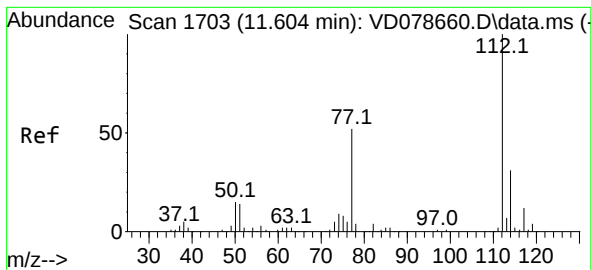
164 100

166 93.4 98.9 148.3#

129 78.5 70.3 105.5

131 77.7 70.6 106.0





#65

Chlorobenzene

Concen: 2.960 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

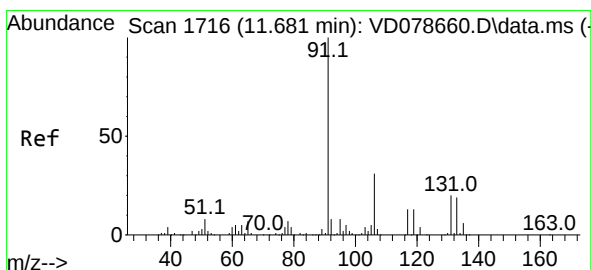
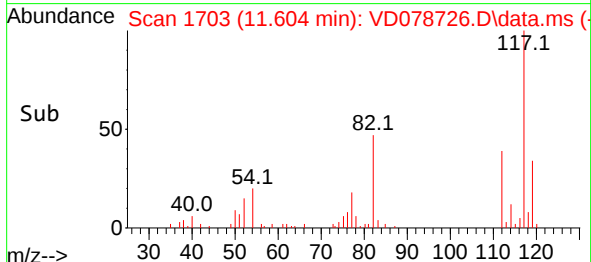
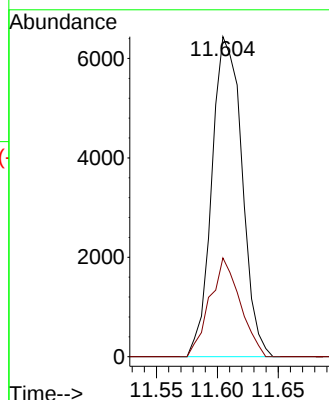
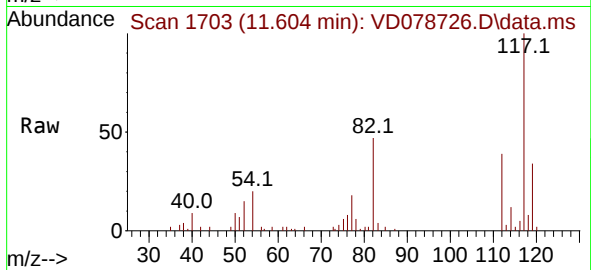
MDL07

Tgt Ion:112 Resp: 11086

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 3.059 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

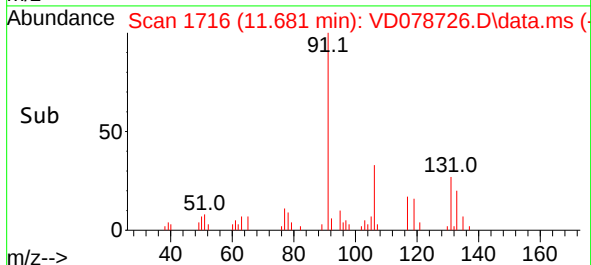
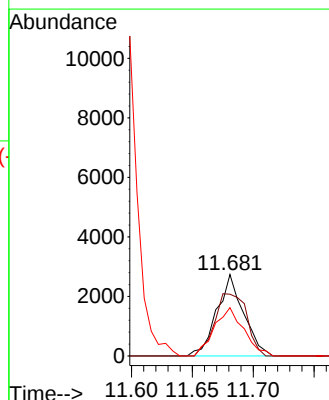
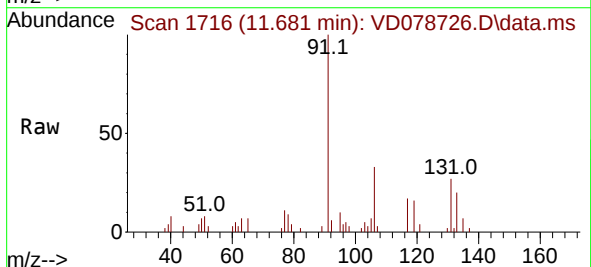
Tgt Ion:131 Resp: 4195

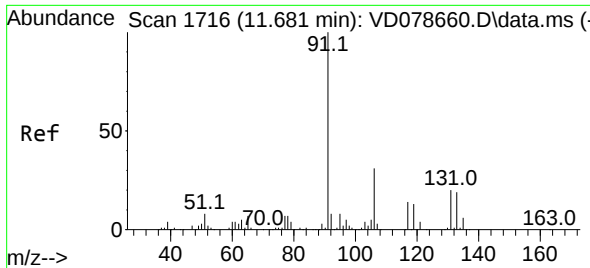
Ion Ratio Lower Upper

131 100

133 91.6 47.6 142.9

119 65.2 34.1 102.3

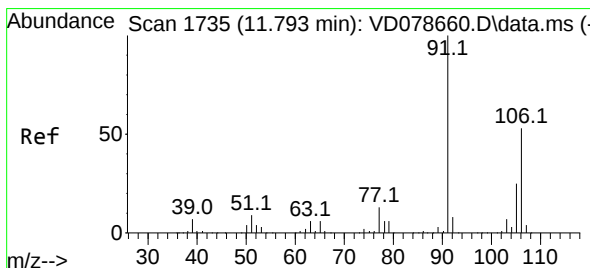
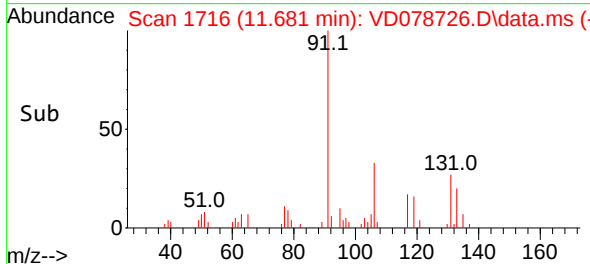
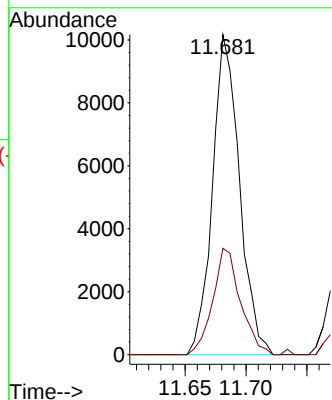
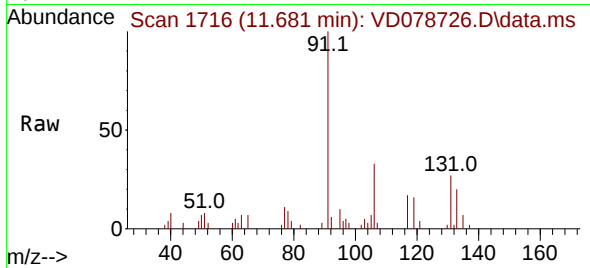




#67
Ethyl Benzene
Concen: 2.455 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

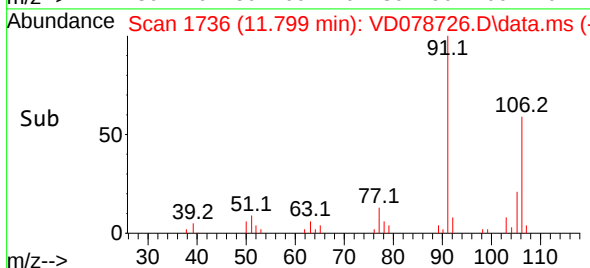
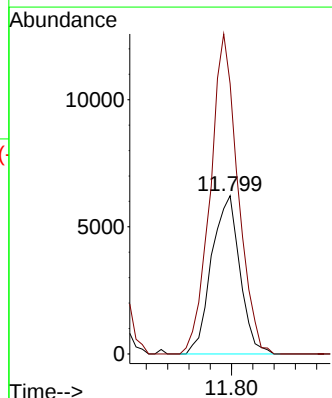
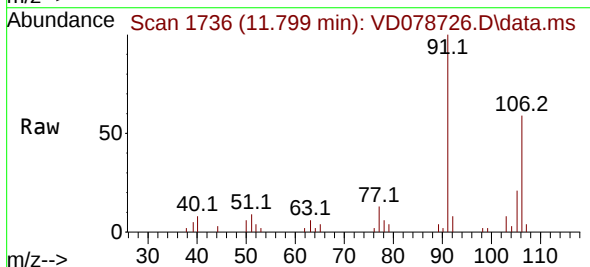
Instrument :
MSVOA_D
ClientSampleId :
MDL07

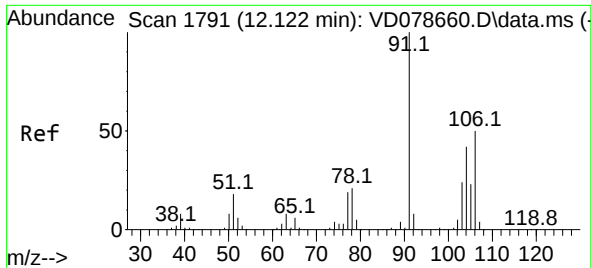
Tgt Ion: 91 Resp: 15666
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7



#68
m/p-Xylenes
Concen: 4.423 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 106 Resp: 11461
Ion Ratio Lower Upper
106 100
91 197.8 154.4 231.6

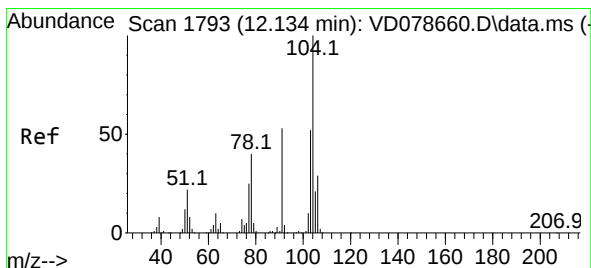
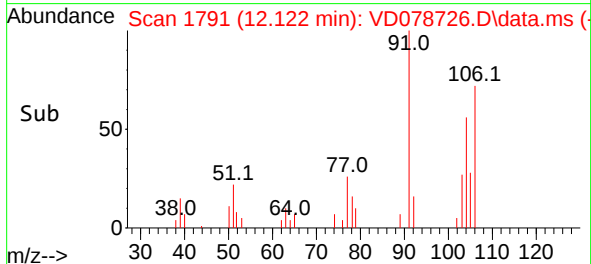
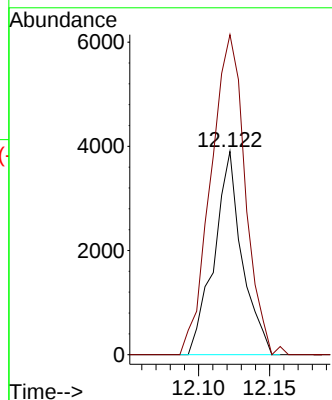
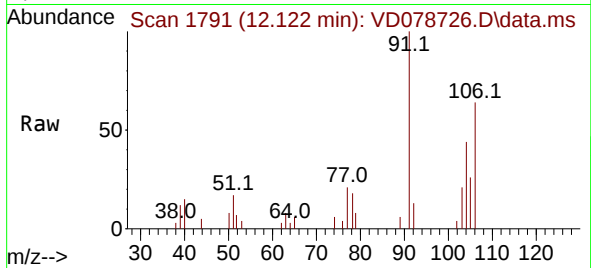




#69
o-Xylene
Concen: 2.228 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

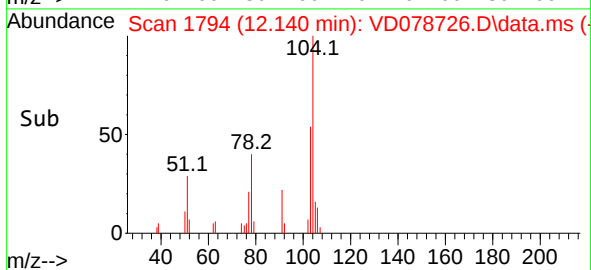
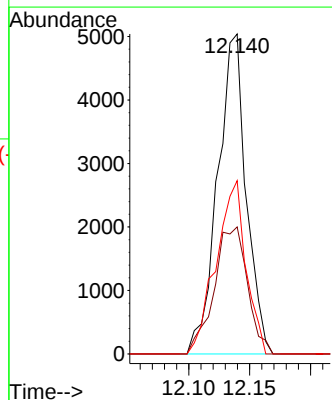
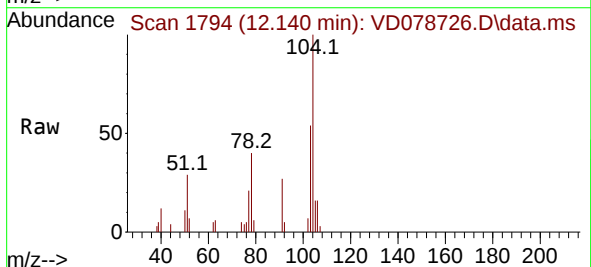
Instrument :
MSVOA_D
ClientSampleId :
MDL07

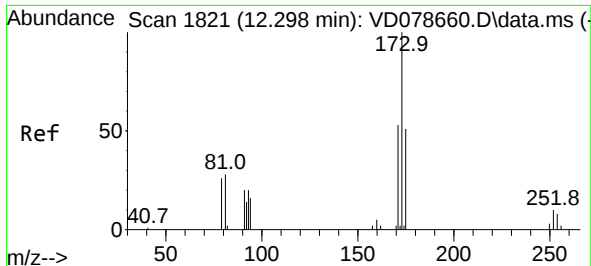
Tgt Ion:106 Resp: 5341
Ion Ratio Lower Upper
106 100
91 193.9 99.6 298.7



#70
Styrene
Concen: 2.044 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion:104 Resp: 8227
Ion Ratio Lower Upper
104 100
78 46.4 34.6 52.0
103 56.5 44.2 66.2

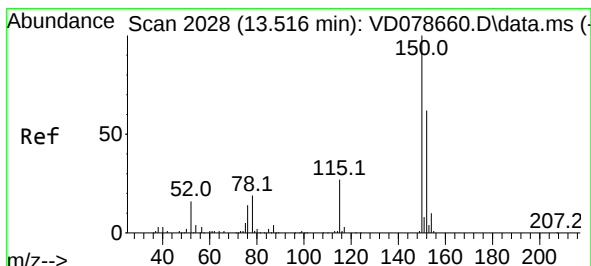
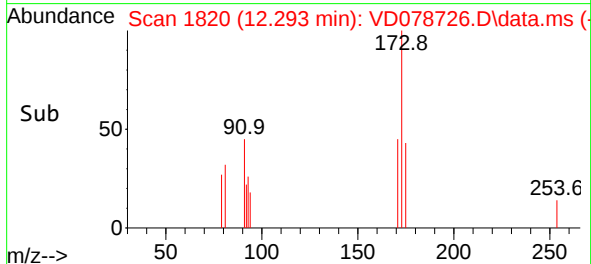
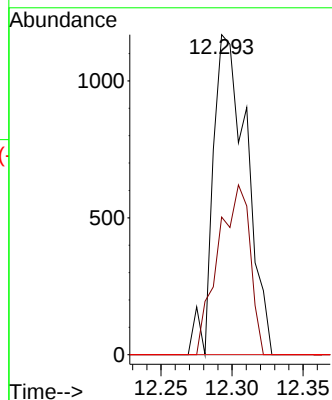
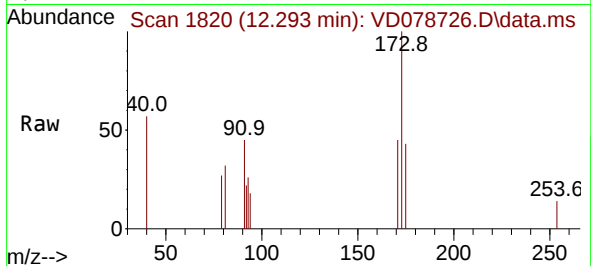




#71
Bromoform
Concen: 2.607 ug/l
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

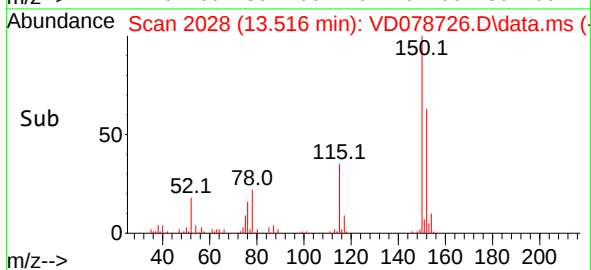
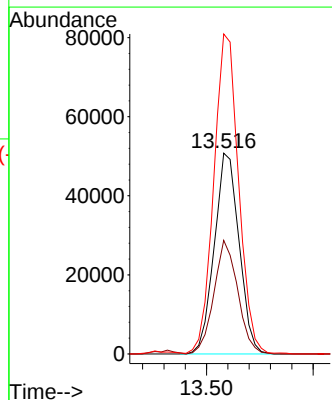
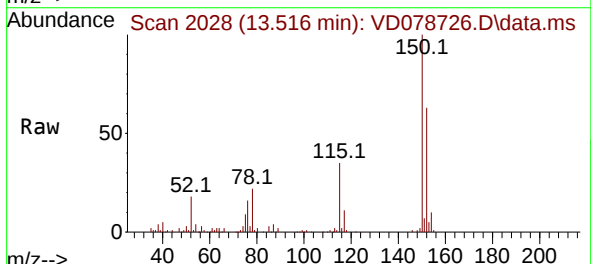
Instrument :
MSVOA_D
ClientSampleId :
MDL07

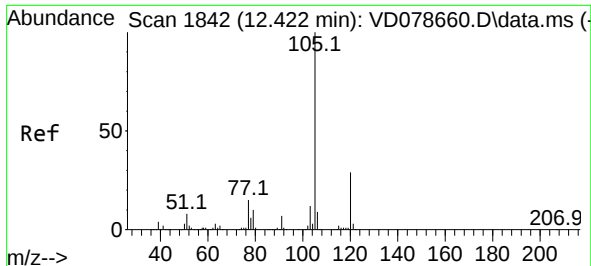
Tgt Ion:173 Resp: 1932
Ion Ratio Lower Upper
173 100
175 50.3 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion:152 Resp: 81842
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 159.8 0.0 350.2

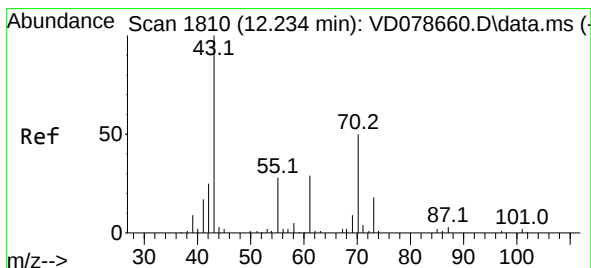
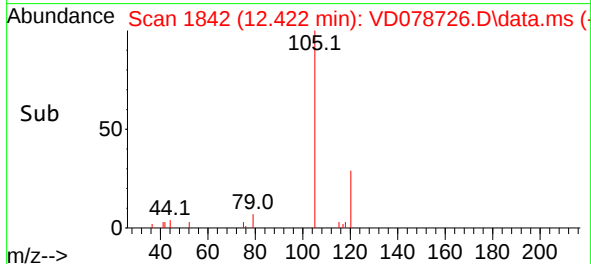
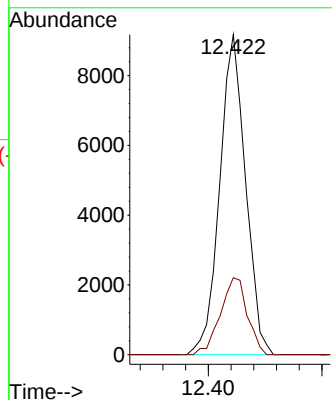
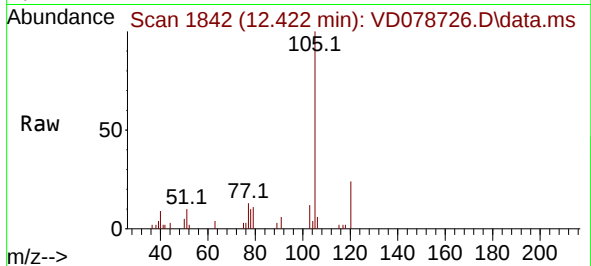




#73
Isopropylbenzene
Concen: 2.688 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

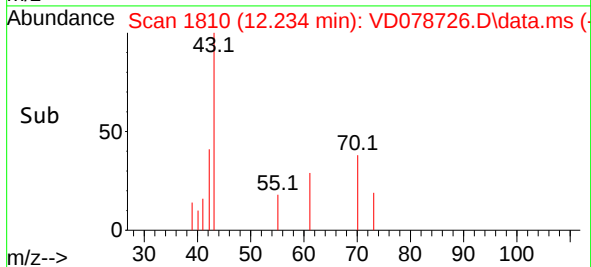
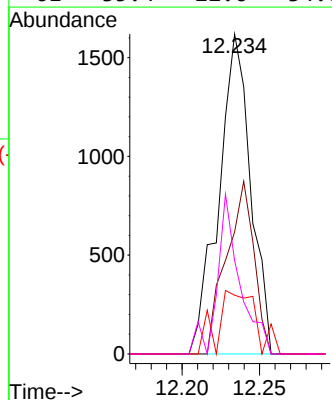
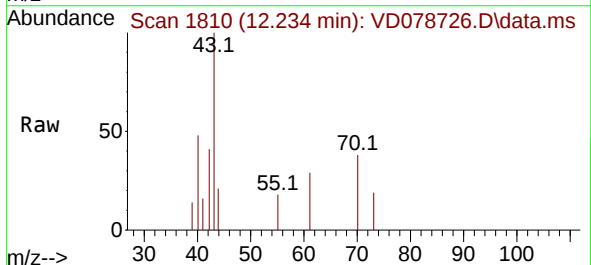
Instrument :
MSVOA_D
ClientSampleId :
MDL07

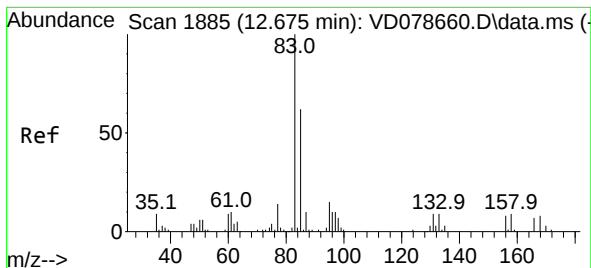
Tgt Ion:105 Resp: 14487
Ion Ratio Lower Upper
105 100
120 25.1 13.7 41.0



#74
N-ethyl acetate
Concen: 2.654 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
70 46.5 42.1 63.1
55 23.8 22.6 33.8
61 35.4 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.368 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

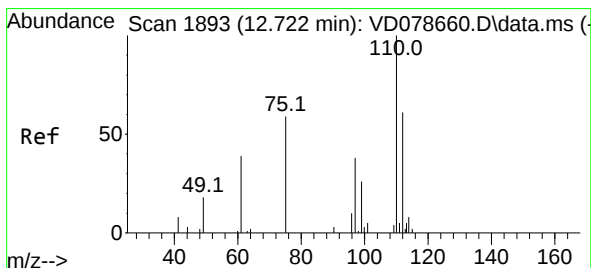
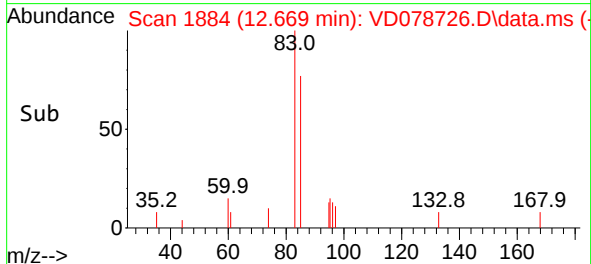
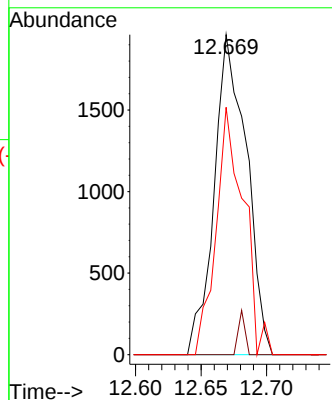
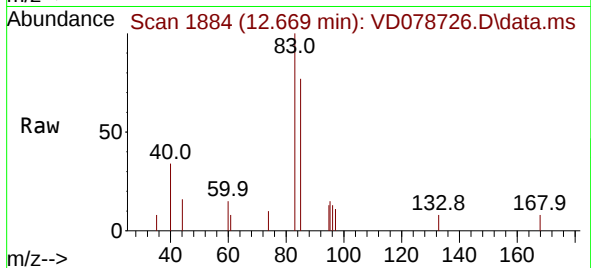
Tgt Ion: 83 Resp: 3360

Ion Ratio Lower Upper

83 100

131 2.9 4.9 14.7#

85 66.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 5.879 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD078726.D

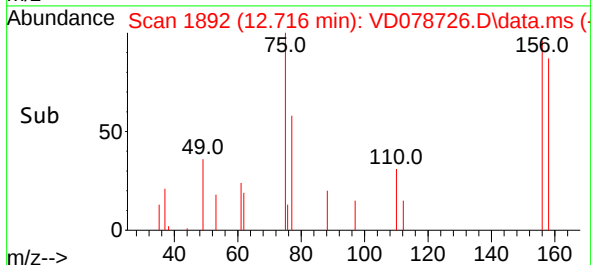
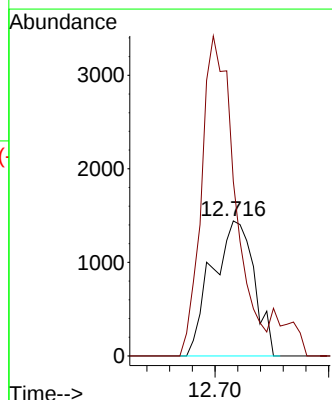
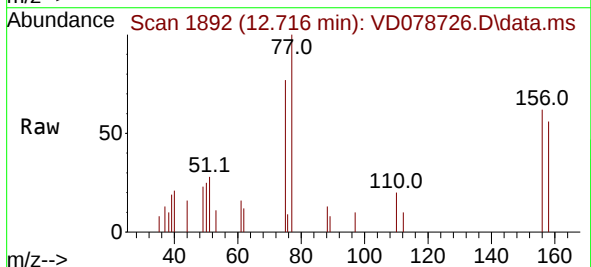
Acq: 21 Mar 2024 13:19

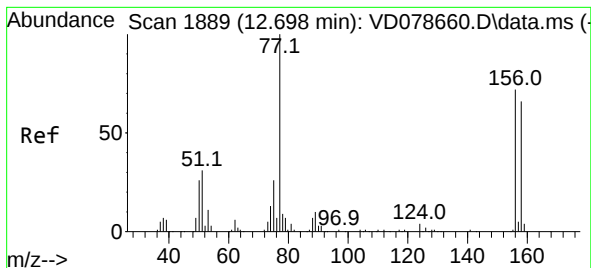
Tgt Ion: 75 Resp: 3707

Ion Ratio Lower Upper

75 100

77 189.1 0.0 0.0#





#77

Bromobenzene

Concen: 3.089 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

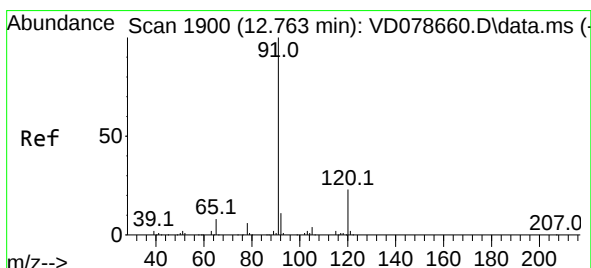
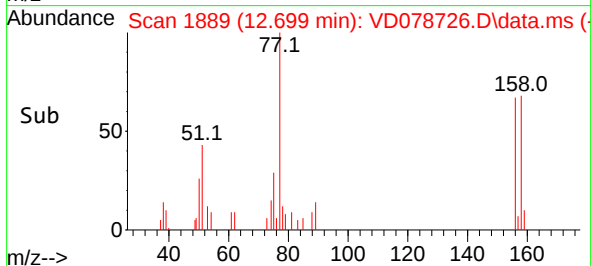
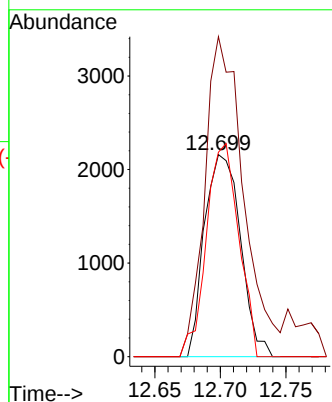
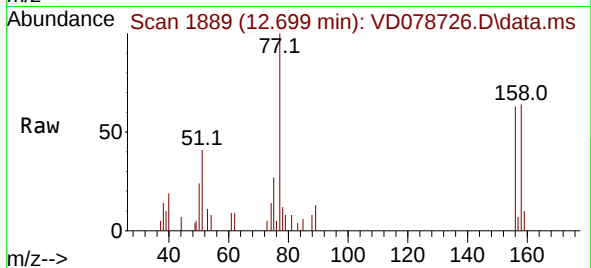
Tgt Ion:156 Resp: 4128

Ion Ratio Lower Upper

156 100

77 169.8 79.1 237.3

158 94.8 47.0 141.0



#78

n-propylbenzene

Concen: 2.802 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078726.D

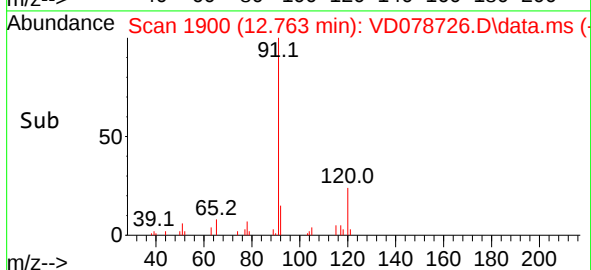
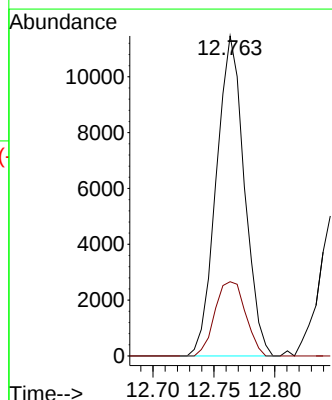
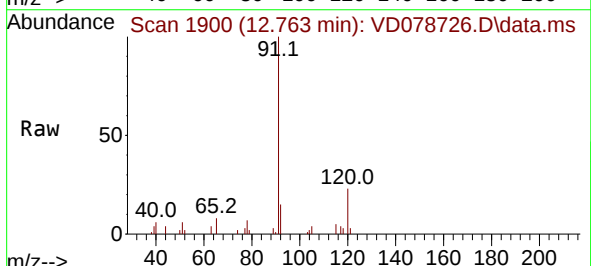
Acq: 21 Mar 2024 13:19

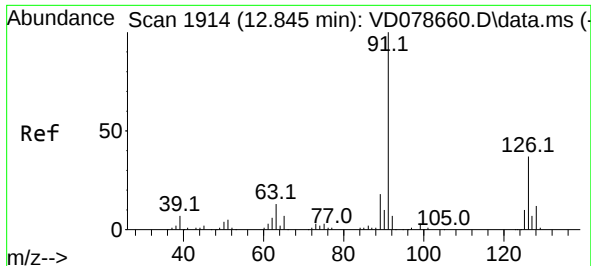
Tgt Ion: 91 Resp: 18379

Ion Ratio Lower Upper

91 100

120 25.2 11.7 35.1





#79

2-Chlorotoluene

Concen: 2.665 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

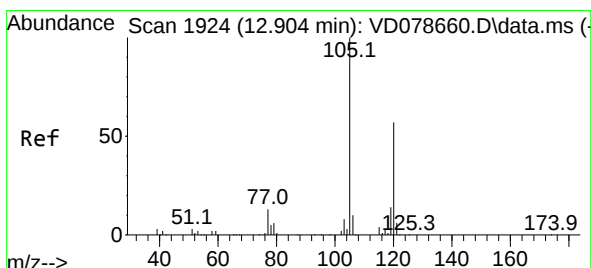
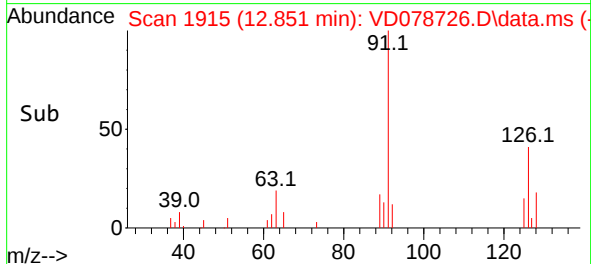
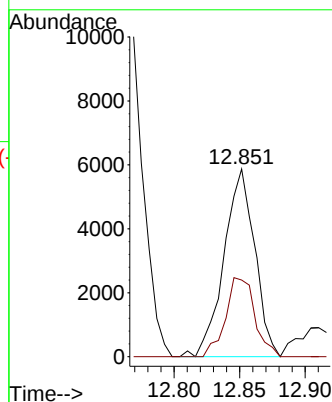
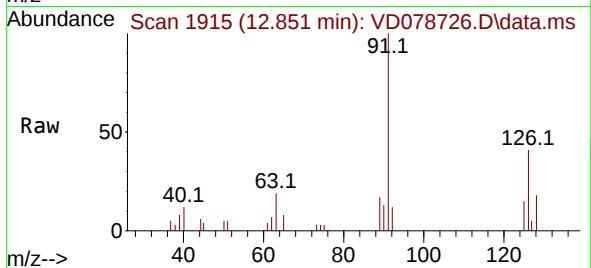
MDL07

Tgt Ion: 91 Resp: 9589

Ion Ratio Lower Upper

91 100

126 40.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 2.456 ug/l

RT: 12.899 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD078726.D

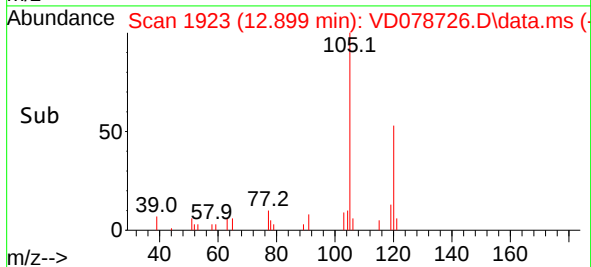
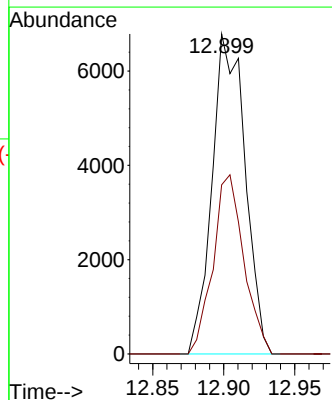
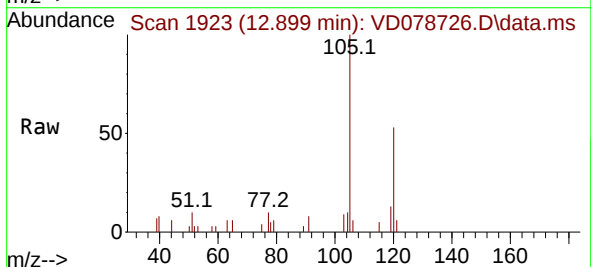
Acq: 21 Mar 2024 13:19

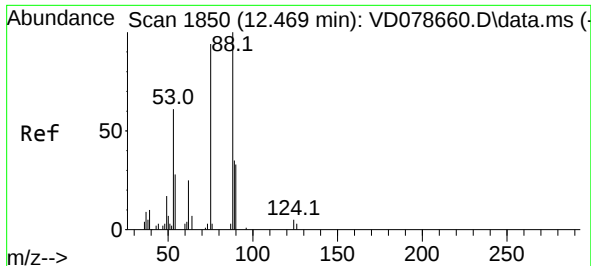
Tgt Ion:105 Resp: 10944

Ion Ratio Lower Upper

105 100

120 52.4 25.9 77.7

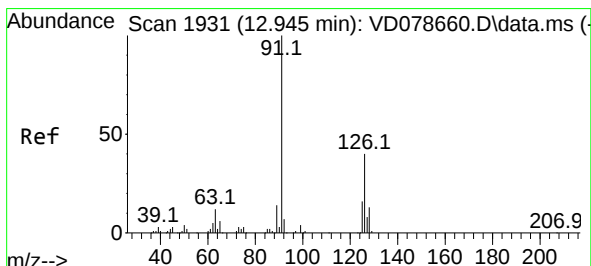
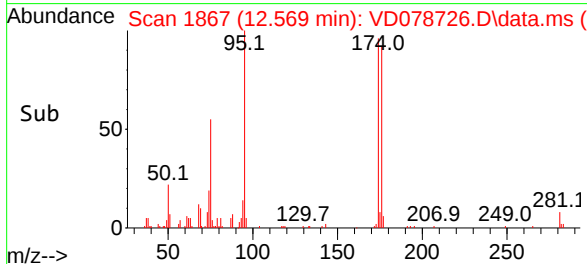
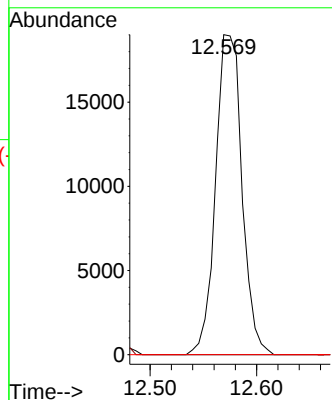
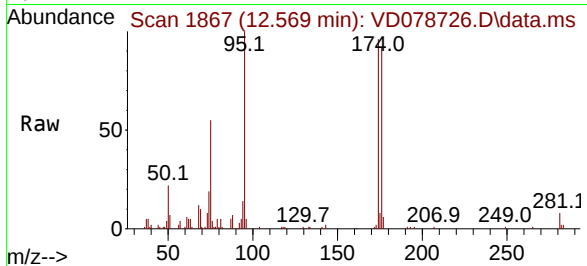




#81
trans-1,4-Dichloro-2-butene
Concen: 108.551 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

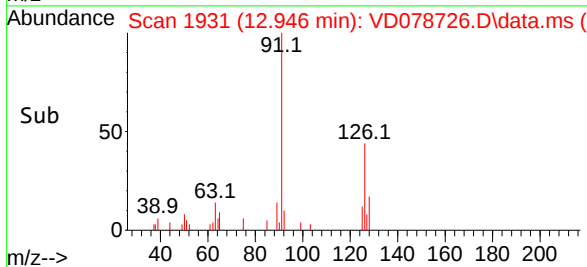
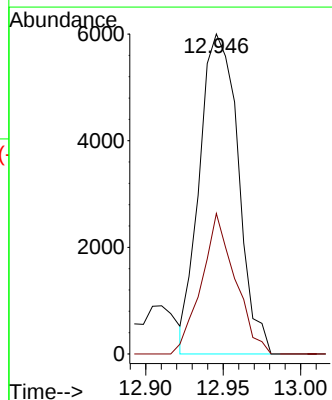
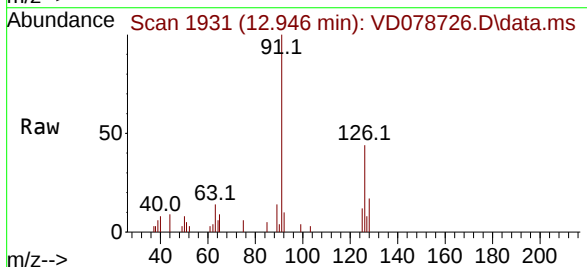
Instrument :
MSVOA_D
ClientSampleId :
MDL07

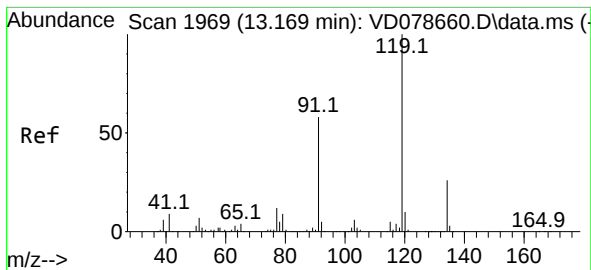
Tgt Ion: 75 Resp: 32653
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#



#82
4-Chlorotoluene
Concen: 2.736 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion: 91 Resp: 10413
Ion Ratio Lower Upper
91 100
126 38.3 18.9 56.5





#83

tert-Butylbenzene

Concen: 2.648 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

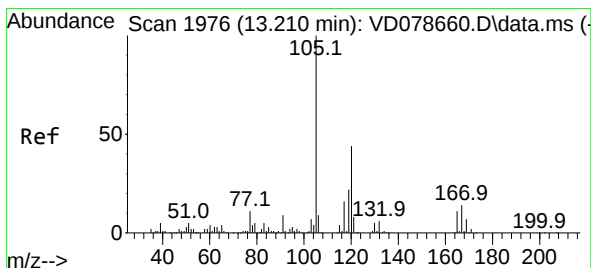
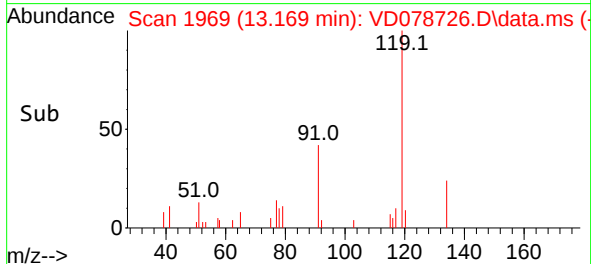
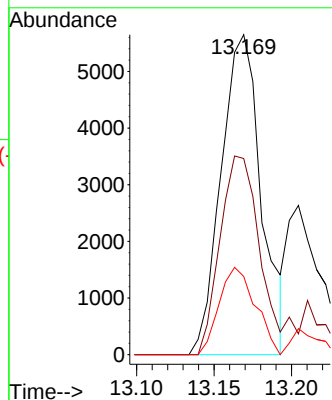
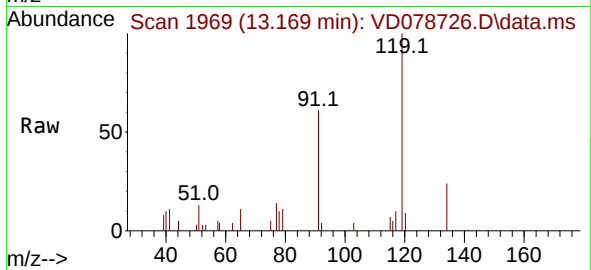
Tgt Ion:119 Resp: 10173

Ion Ratio Lower Upper

119 100

91 60.5 28.9 86.7

134 24.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 2.357 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078726.D

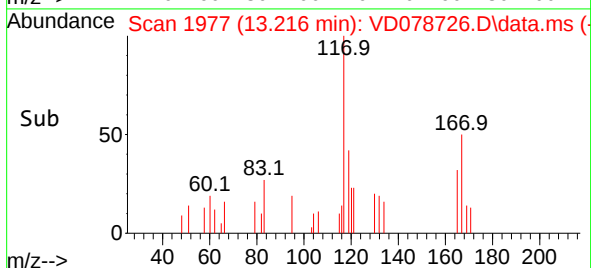
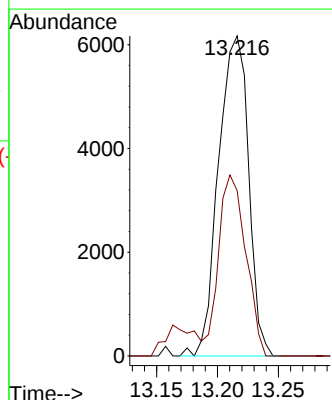
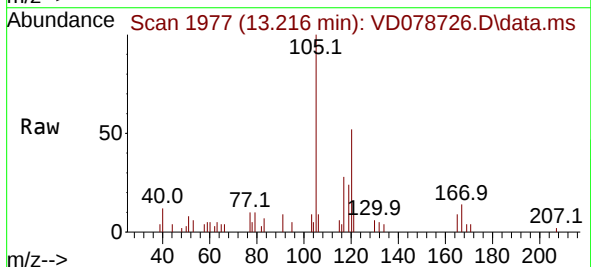
Acq: 21 Mar 2024 13:19

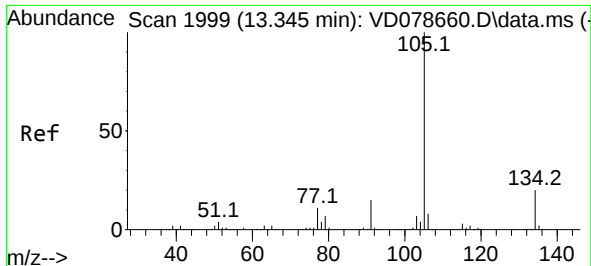
Tgt Ion:105 Resp: 10586

Ion Ratio Lower Upper

105 100

120 51.4 23.1 69.2

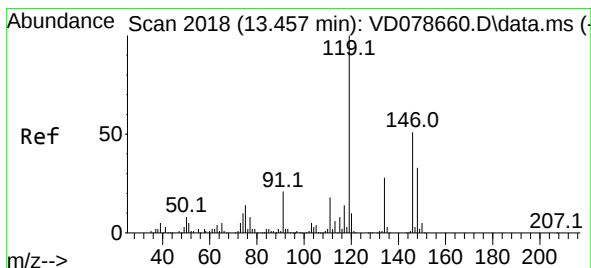
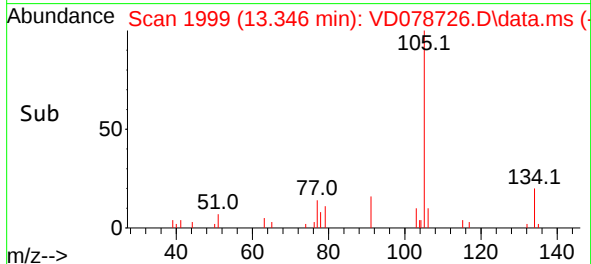
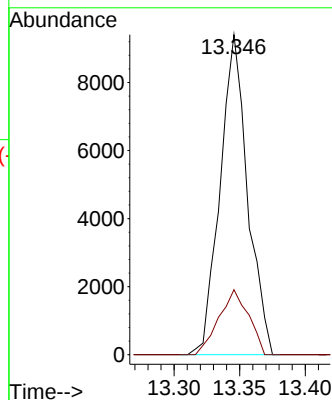
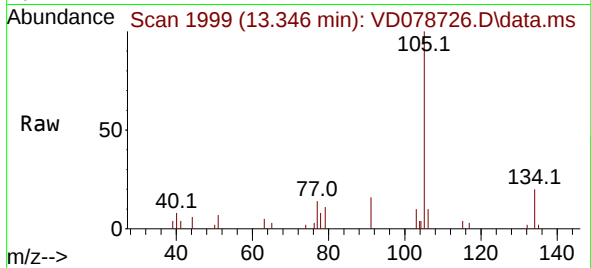




#85
 sec-Butylbenzene
 Concen: 2.357 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

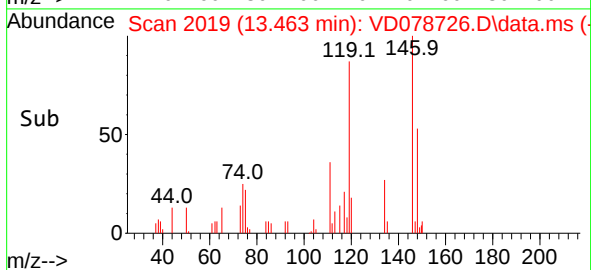
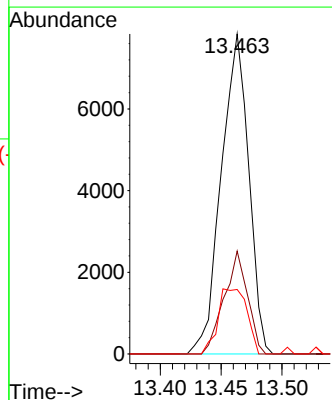
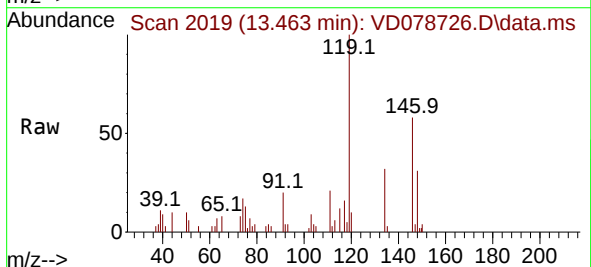
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL07

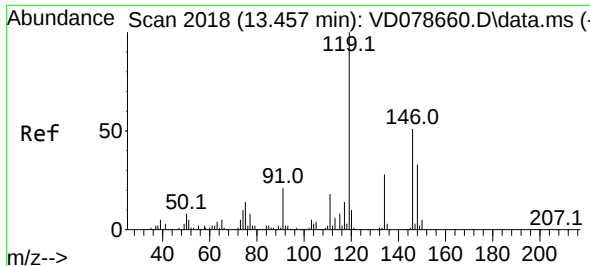
Tgt Ion:105 Resp: 13705
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 2.469 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

Tgt Ion:119 Resp: 12289
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.5 40.5
 91 21.5 10.4 31.2

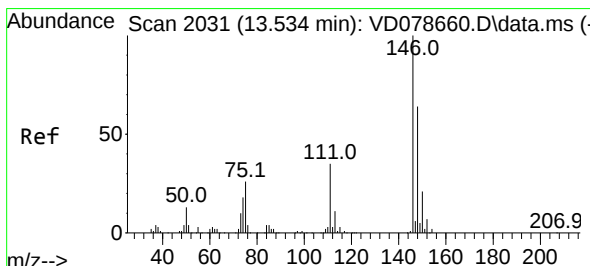
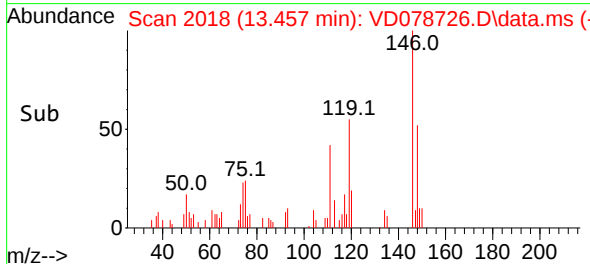
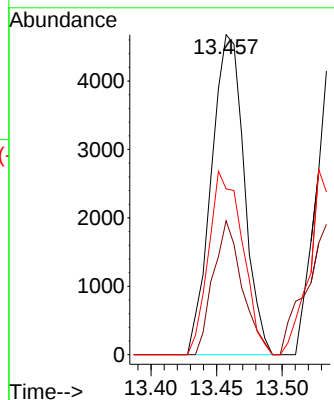
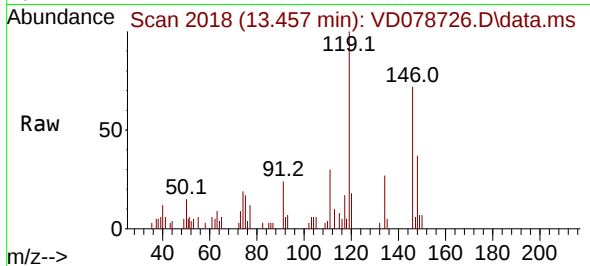




#87
1,3-Dichlorobenzene
Concen: 2.891 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

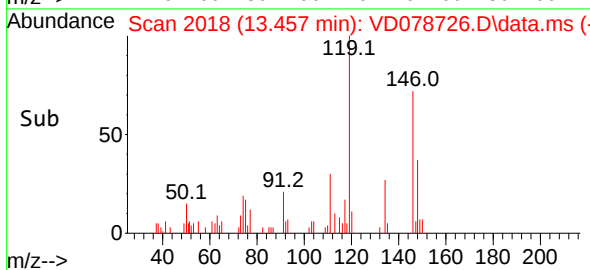
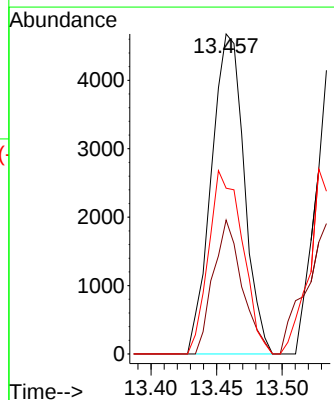
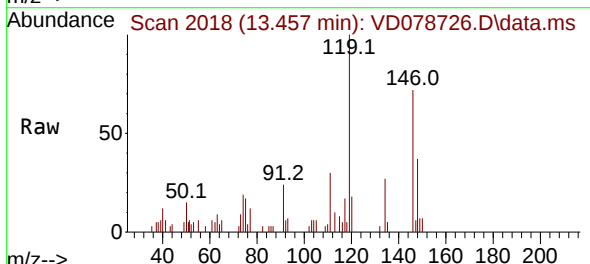
Instrument :
MSVOA_D
ClientSampleId :
MDL07

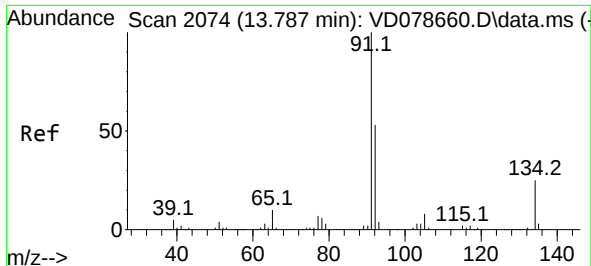
Tgt Ion:146 Resp: 8154
Ion Ratio Lower Upper
146 100
111 37.0 18.2 54.6
148 59.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 2.934 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.076 min
Lab File: VD078726.D
Acq: 21 Mar 2024 13:19

Tgt Ion:146 Resp: 8154
Ion Ratio Lower Upper
146 100
111 37.0 17.8 53.3
148 59.3 32.4 97.0





#89

n-Butylbenzene

Concen: 2.818 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

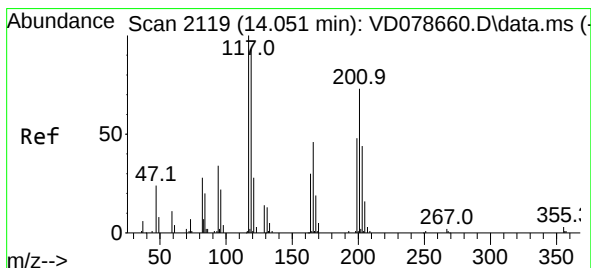
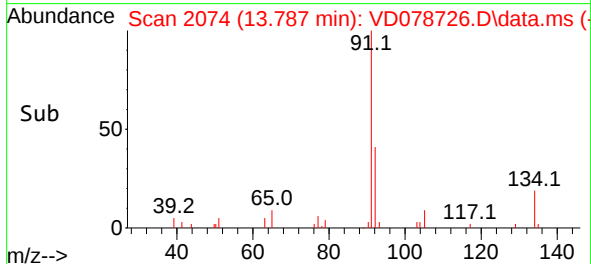
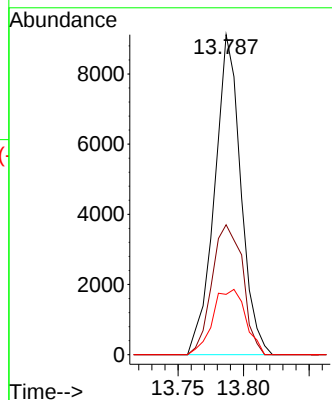
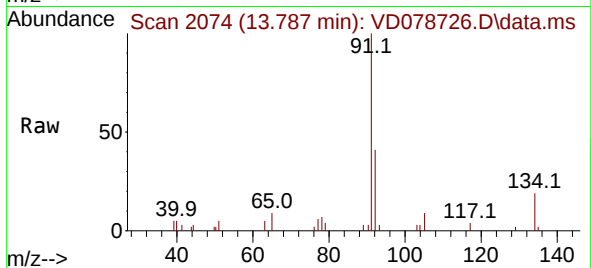
Tgt Ion: 91 Resp: 12669

Ion Ratio Lower Upper

91 100

92 47.6 26.4 79.0

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 3.105 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078726.D

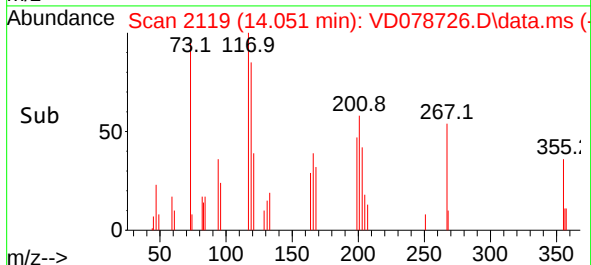
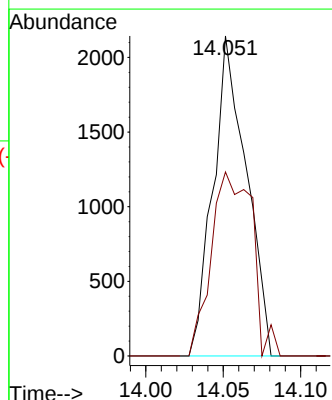
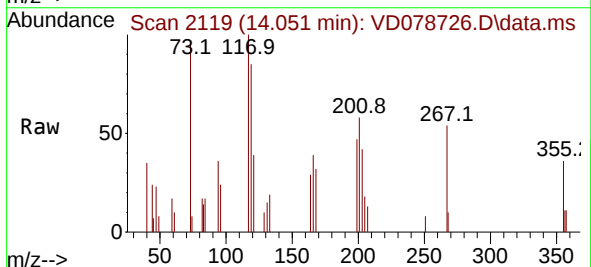
Acq: 21 Mar 2024 13:19

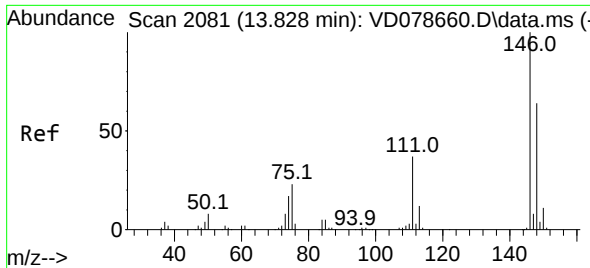
Tgt Ion: 117 Resp: 3198

Ion Ratio Lower Upper

117 100

201 70.7 36.2 108.6

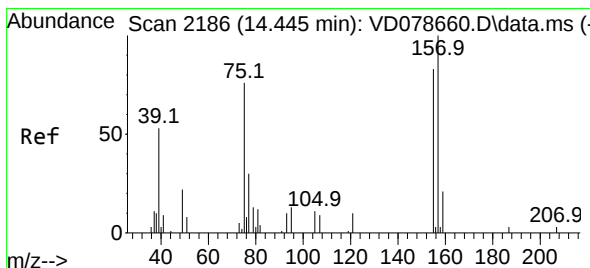
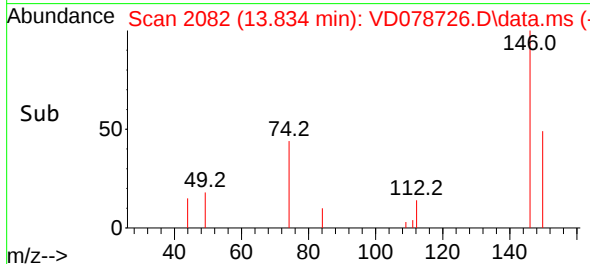
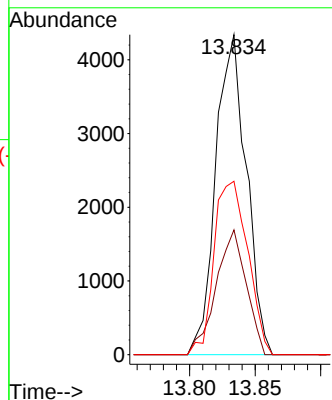
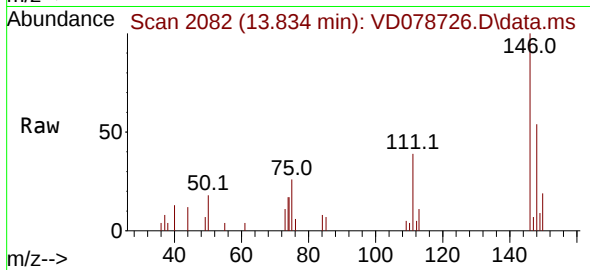




#91
 1,2-Dichlorobenzene
 Concen: 2.896 ug/l
 RT: 13.834 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

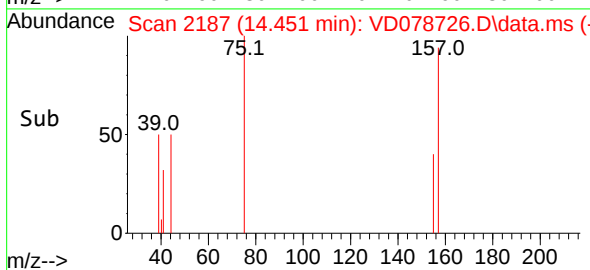
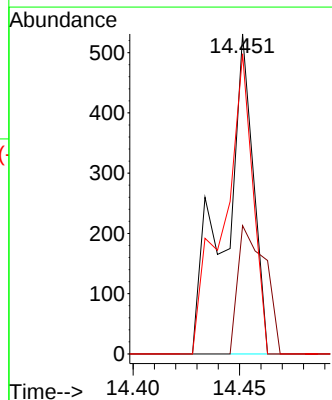
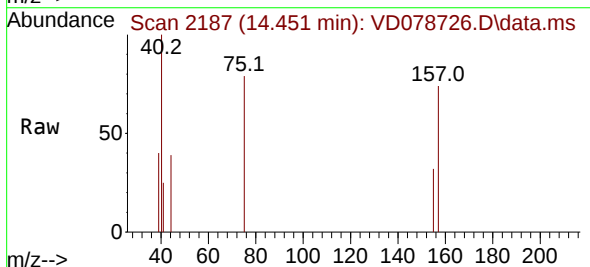
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL07

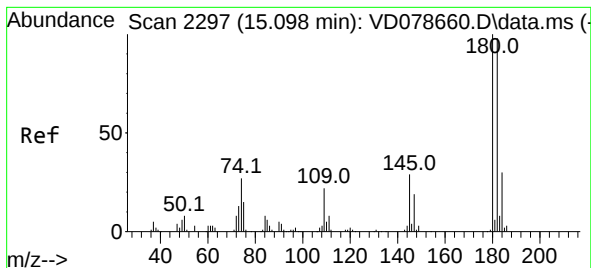
Tgt Ion:146 Resp: 7033
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 56.0
 148 59.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.687 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD078726.D
 Acq: 21 Mar 2024 13:19

Tgt Ion: 75 Resp: 492
 Ion Ratio Lower Upper
 75 100
 155 38.6 49.8 149.3#
 157 96.7 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 2.685 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

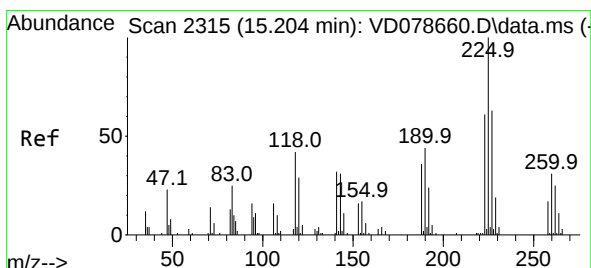
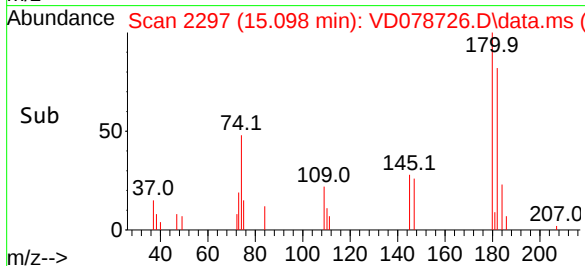
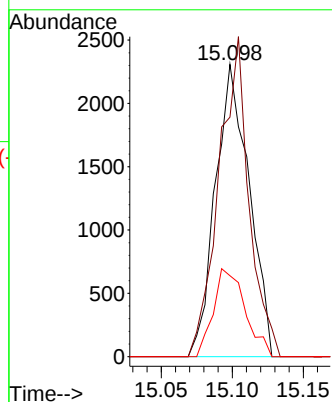
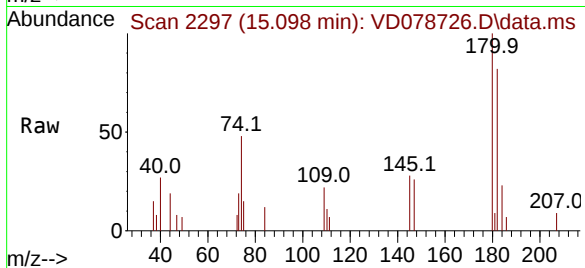
Tgt Ion:180 Resp: 3806

Ion Ratio Lower Upper

180 100

182 97.7 49.7 149.1

145 28.3 14.6 44.0



#94

Hexachlorobutadiene

Concen: 3.210 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

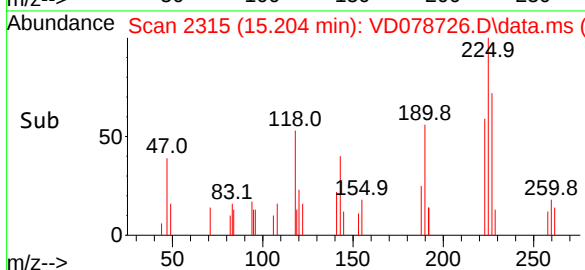
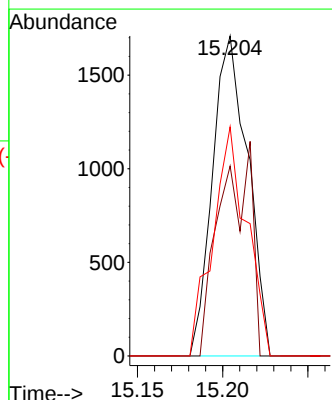
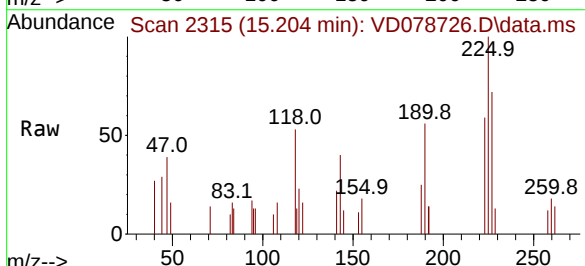
Tgt Ion:225 Resp: 2463

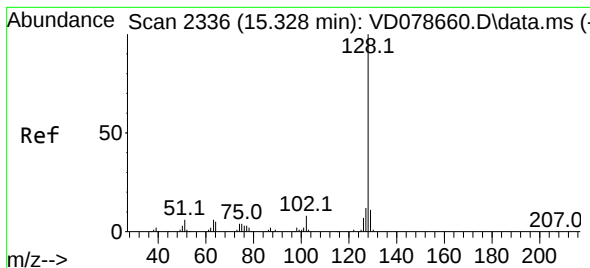
Ion Ratio Lower Upper

225 100

223 59.8 31.9 95.7

227 68.7 32.0 96.0





#95

Naphthalene

Concen: 2.549 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

MDL07

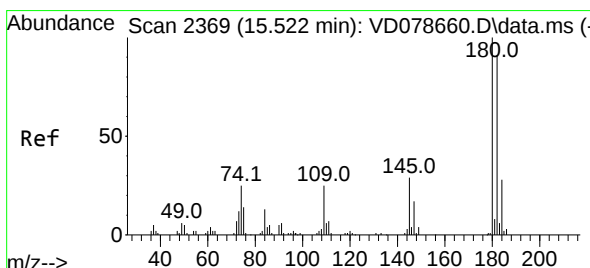
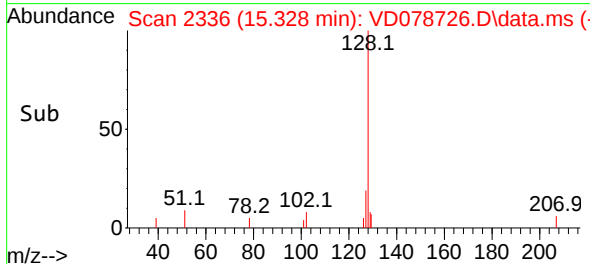
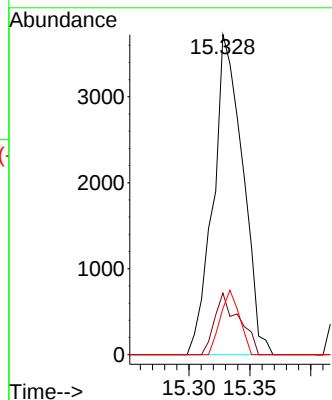
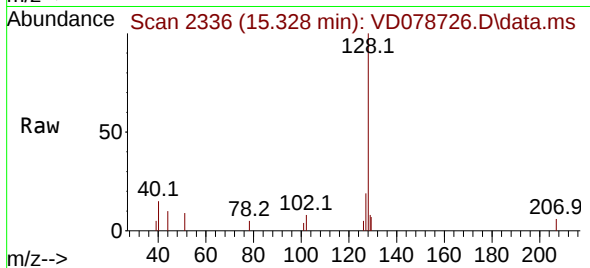
Tgt Ion:128 Resp: 6283

Ion Ratio Lower Upper

128 100

127 19.2 9.3 13.9#

129 14.5 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 2.499 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078726.D

Acq: 21 Mar 2024 13:19

Tgt Ion:180 Resp: 3065

Ion Ratio Lower Upper

180 100

182 103.9 46.7 140.1

145 30.1 14.4 43.4

