

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075141.D
 Acq On : 19 Jan 2023 15:04
 Operator : KP/SY
 Sample : MDL03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

Quant Time: Jan 20 00:38:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	82695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	156709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	138266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46960	55.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.811	113	47987	50.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.269	98	194312	52.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.575	95	59475	50.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	2165	Below Cal		95
3) Chloromethane	2.152	50	3490	3.267	ug/l	89
4) Vinyl Chloride	2.287	62	3189	2.782	ug/l	90
5) Bromomethane	2.693	94	2853	3.660	ug/l	93
6) Chloroethane	2.840	64	2163	2.722	ug/l	98
7) Trichlorofluoromethane	3.175	101	4202	2.884	ug/l	100
8) Diethyl Ether	3.593	74	1428	3.042	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	2506	2.786	ug/l	96
10) Methyl Iodide	4.170	142	2241	1.851	ug/l #	88
11) Tert butyl alcohol	5.034	59	453	7.695	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	2539	2.681	ug/l	96
13) Acrolein	3.799	56	680	Below Cal	#	74
14) Allyl chloride	4.570	41	4276	2.783	ug/l	91
15) Acrylonitrile	5.264	53	2917	14.695	ug/l #	86
16) Acetone	4.028	43	3200	14.378	ug/l #	81
17) Carbon Disulfide	4.281	76	9057	2.949	ug/l #	90
18) Methyl Acetate	4.570	43	2124	3.511	ug/l #	75
19) Methyl tert-butyl Ether	5.328	73	6026	3.047	ug/l	100
20) Methylene Chloride	4.805	84	7177	Below Cal	#	91
21) trans-1,2-Dichloroethene	5.317	96	3076	2.918	ug/l #	72
22) Diisopropyl ether	6.211	45	8220	2.874	ug/l	91
23) Vinyl Acetate	6.164	43	14209	11.272	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	5326	2.963	ug/l #	80
25) 2-Butanone	7.087	43	4141	15.395	ug/l	91
26) 2,2-Dichloropropane	7.075	77	5078	3.169	ug/l	84
27) cis-1,2-Dichloroethene	7.081	96	3312	2.882	ug/l	94
28) Bromochloromethane	7.428	49	1948	3.969	ug/l #	95
29) Tetrahydrofuran	7.452	42	1894	12.345	ug/l	93
30) Chloroform	7.599	83	7022	3.918	ug/l	96
31) Cyclohexane	7.881	56	6777	4.004	ug/l #	71
32) 1,1,1-Trichloroethane	7.799	97	4235	2.742	ug/l	96
36) 1,1-Dichloropropene	8.016	75	4045	2.659	ug/l	98
37) Ethyl Acetate	7.169	43	1612	2.630	ug/l #	67
38) Carbon Tetrachloride	7.987	117	2531	1.976	ug/l #	76
39) Methylcyclohexane	9.275	83	4810	2.565	ug/l	99
40) Benzene	8.252	78	11586	2.670	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	953	2.584	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	2945	2.584	ug/l	87
43) Isopropyl Acetate	8.363	43	3236	2.713	ug/l #	88
44) Trichloroethene	9.028	130	3196	2.619	ug/l	65
45) 1,2-Dichloropropane	9.305	63	2997	2.804	ug/l	97
46) Dibromomethane	9.393	93	1735	3.078	ug/l	83
47) Bromodichloromethane	9.593	83	3815	2.728	ug/l #	89
48) Methyl methacrylate	9.381	41	1506	2.582	ug/l	99
51) 4-Methyl-2-Pentanone	10.163	43	7577	13.228	ug/l	94
52) Toluene	10.340	92	7062	2.576	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	3176	2.401	ug/l #	71
54) cis-1,3-Dichloropropene	10.016	75	4109	2.542	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	1955	2.621	ug/l #	71
56) Ethyl methacrylate	10.605	69	2267	2.527	ug/l	94
57) 1,3-Dichloropropane	10.881	76	3511	2.739	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	3539	11.529	ug/l	94
59) 2-Hexanone	10.922	43	5200	12.555	ug/l	94
60) Dibromochloromethane	11.081	129	2314	2.574	ug/l	97
61) 1,2-Dibromoethane	11.181	107	1920	2.694	ug/l	98
64) Tetrachloroethene	10.810	164	2683	2.717	ug/l #	91
65) Chlorobenzene	11.610	112	7880	2.781	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	2497	2.620	ug/l	95
67) Ethyl Benzene	11.687	91	13146	2.578	ug/l	95
68) m/p-Xylenes	11.793	106	10220	5.188	ug/l	96
69) o-Xylene	12.122	106	4706	2.547	ug/l	96
70) Styrene	12.134	104	7469	2.431	ug/l	99
71) Bromoform	12.310	173	1020	2.073	ug/l #	87
73) Isopropylbenzene	12.422	105	11973	2.594	ug/l	99
74) N-amyl acetate	12.234	43	2540	2.512	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	2308	3.138	ug/l	90
76) 1,2,3-Trichloropropane	12.728	75	2528	5.108	ug/l #	100
77) Bromobenzene	12.704	156	2738	2.597	ug/l	89
78) n-propylbenzene	12.763	91	15374	2.710	ug/l	95
79) 2-Chlorotoluene	12.857	91	8556	2.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	9774	2.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.575	75	30499	142.935	ug/l #	14
82) 4-Chlorotoluene	12.951	91	8614	2.685	ug/l	97
83) tert-Butylbenzene	13.169	119	8411	2.570	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	9833	2.647	ug/l	98
85) sec-Butylbenzene	13.351	105	12663	2.547	ug/l	98
86) p-Isopropyltoluene	13.463	119	10260	2.521	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	5530	2.706	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	5622	2.796	ug/l	87
89) n-Butylbenzene	13.793	91	11051	2.787	ug/l	91
90) Hexachloroethane	14.063	117	1726	2.402	ug/l	83
91) 1,2-Dichlorobenzene	13.840	146	4613	2.638	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	195	1.734	ug/l	67
93) 1,2,4-Trichlorobenzene	15.104	180	2777	2.419	ug/l	97
94) Hexachlorobutadiene	15.204	225	1486	2.641	ug/l	91
95) Naphthalene	15.340	128	6415	2.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	2579	2.632	ug/l	90

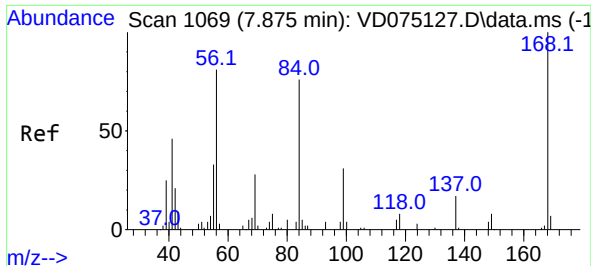
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Response via : Initial Calibration

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

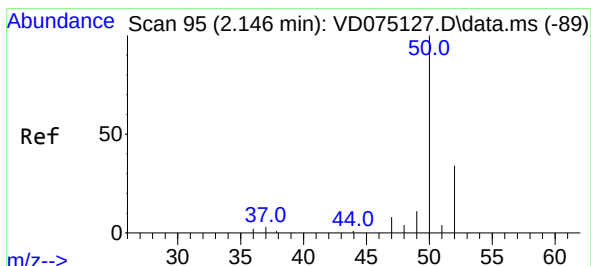
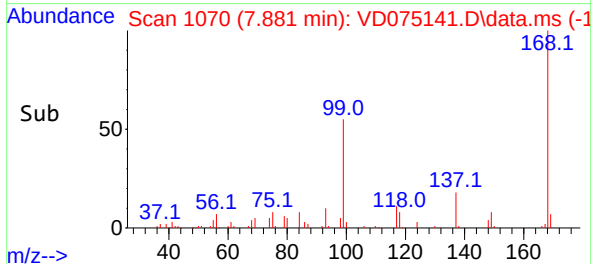
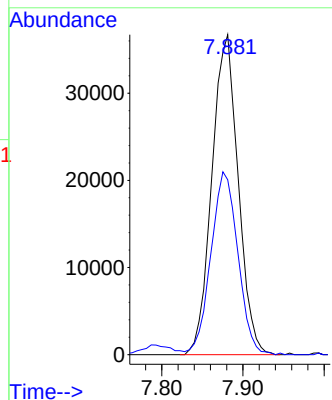
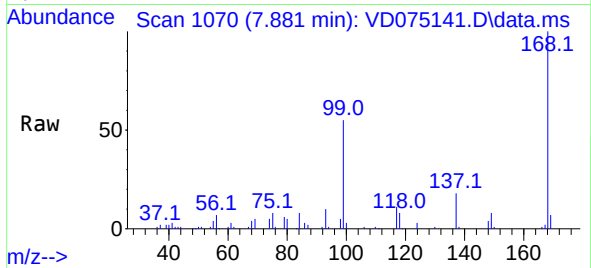
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075141.D
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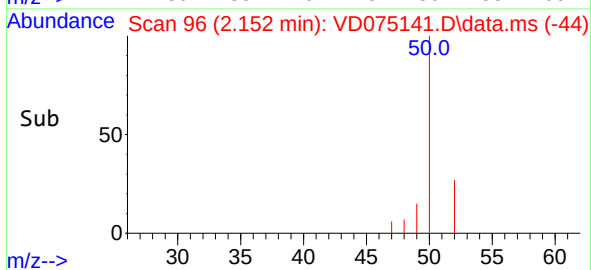
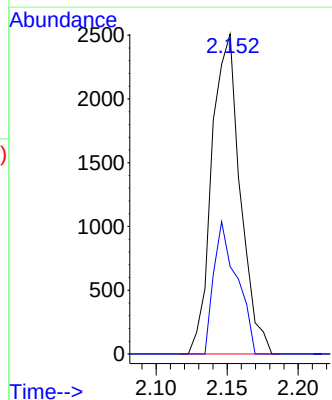
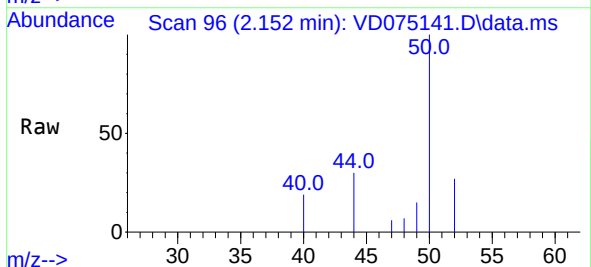
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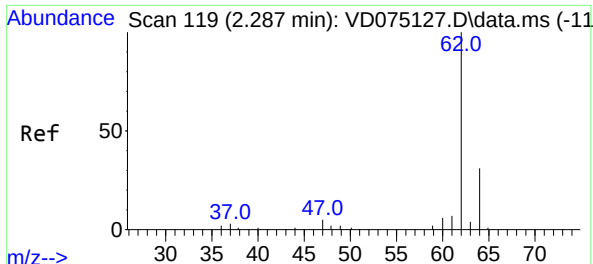
Tgt Ion:168 Resp: 82695
Ion Ratio Lower Upper
168 100
99 54.2 45.2 67.8



#3
Chloromethane
Concen: 3.267 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 50 Resp: 3490
Ion Ratio Lower Upper
50 100
52 27.3 27.0 40.6

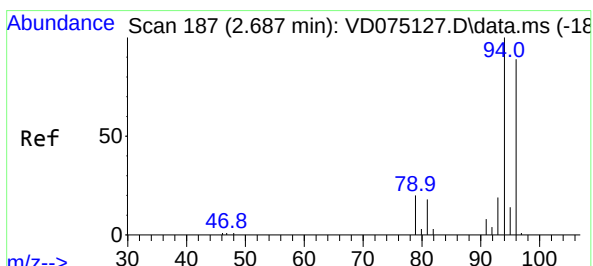
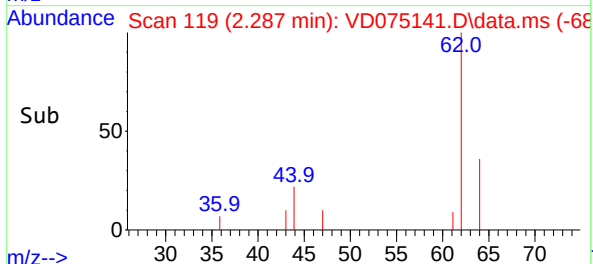
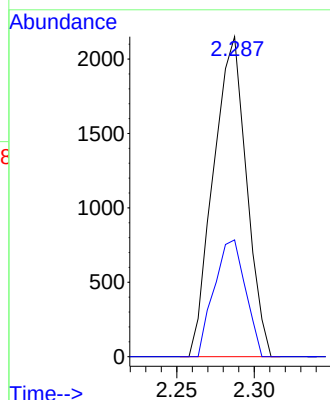
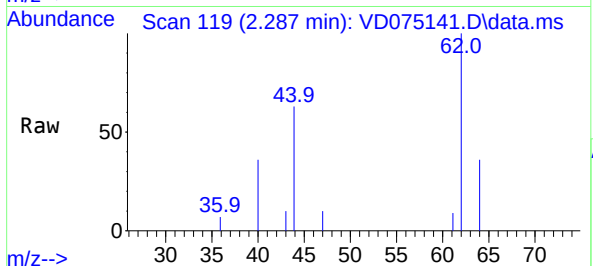




#4
 Vinyl Chloride
 Concen: 2.782 ug/l
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075141.D
 Acq: 19 Jan 2023 15:04

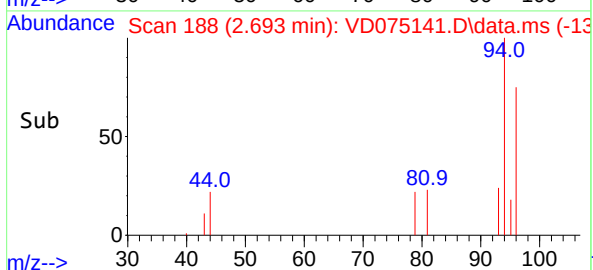
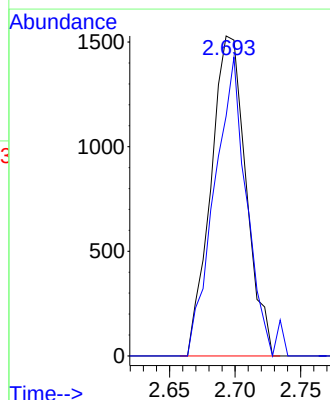
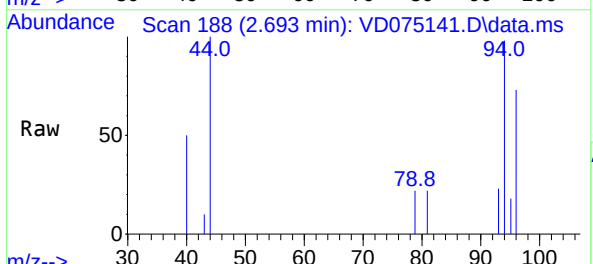
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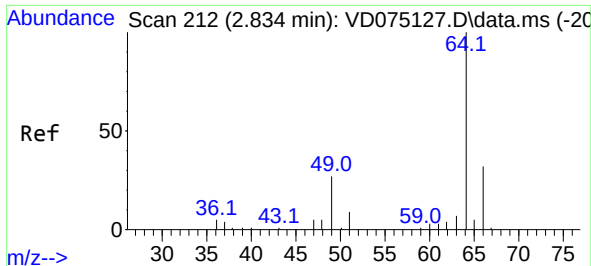
Tgt Ion: 62 Resp: 3189
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.8 37.2



#5
 Bromomethane
 Concen: 3.660 ug/l
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD075141.D
 Acq: 19 Jan 2023 15:04

Tgt Ion: 94 Resp: 2853
 Ion Ratio Lower Upper
 94 100
 96 86.6 74.8 112.2

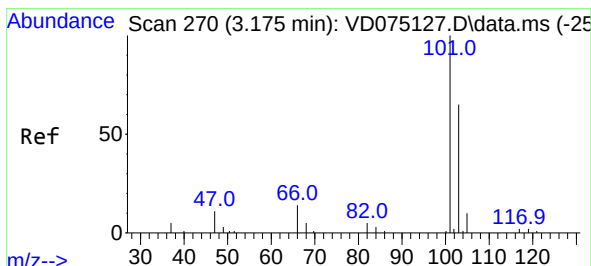
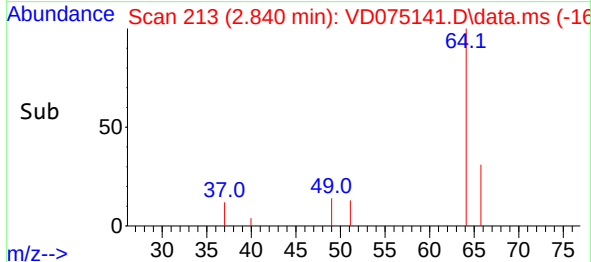
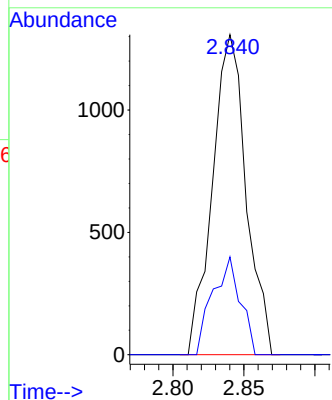
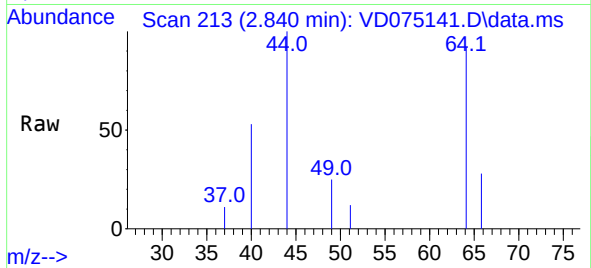




#6
Chloroethane
Concen: 2.722 ug/l
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

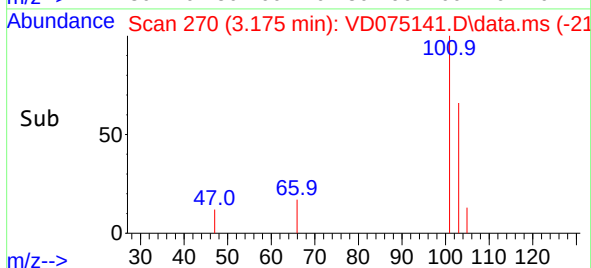
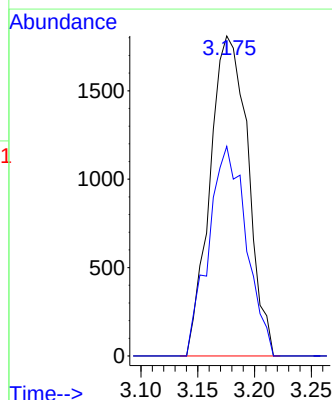
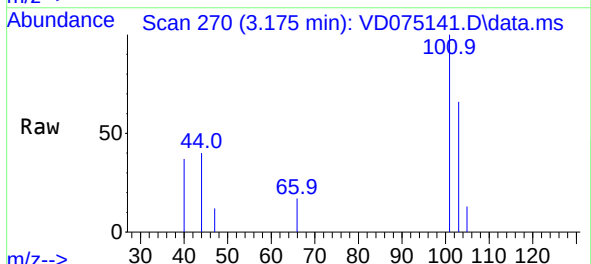
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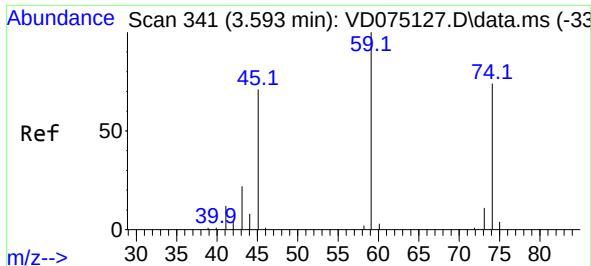
Tgt Ion: 64 Resp: 2163
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2



#7
Trichlorofluoromethane
Concen: 2.884 ug/l
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 101 Resp: 4202
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

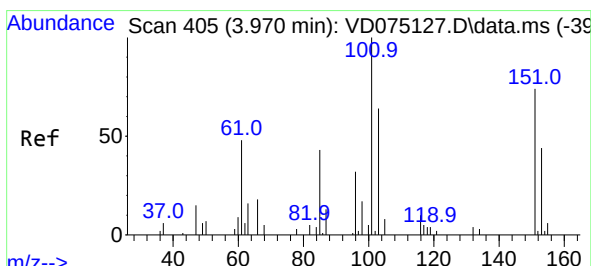
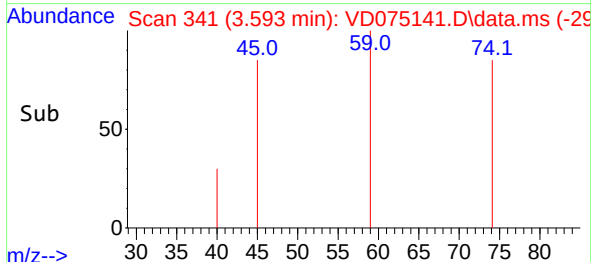
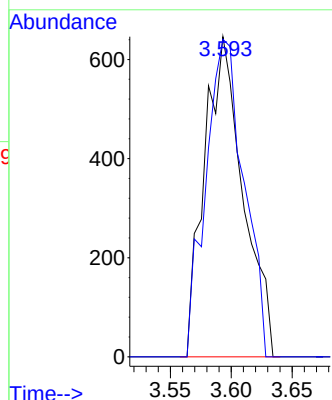
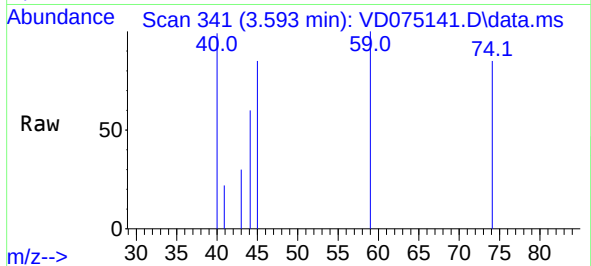




#8
Diethyl Ether
Concen: 3.042 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075141.D
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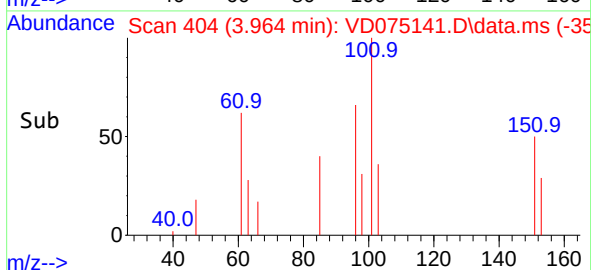
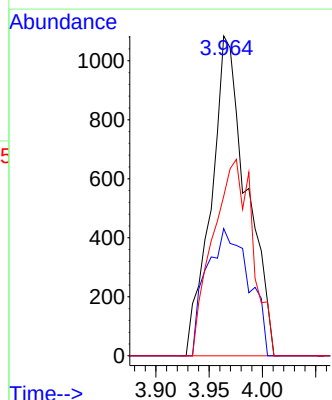
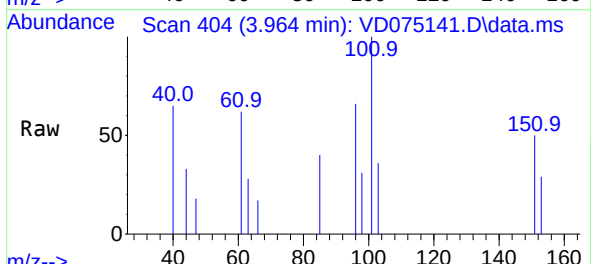
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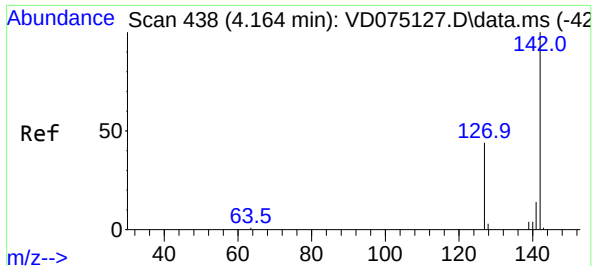
Tgt Ion: 74 Resp: 1428
Ion Ratio Lower Upper
74 100
45 97.6 49.8 149.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.786 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 101 Resp: 2506
Ion Ratio Lower Upper
101 100
85 47.5 36.9 55.3
151 69.2 58.9 88.3

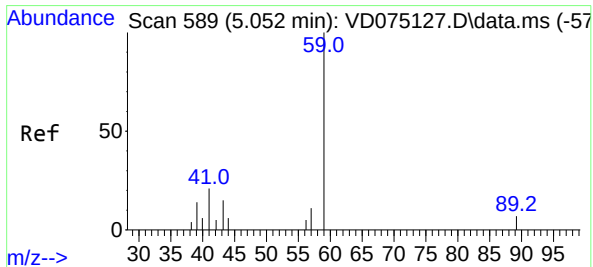
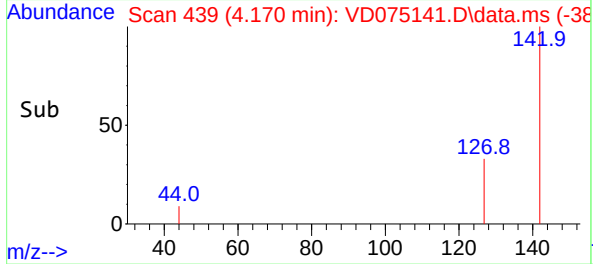
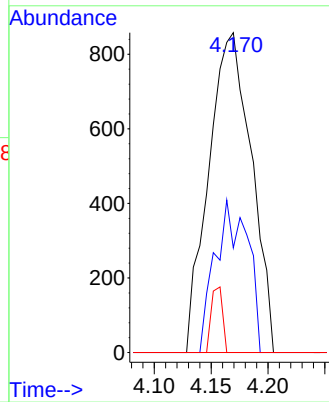
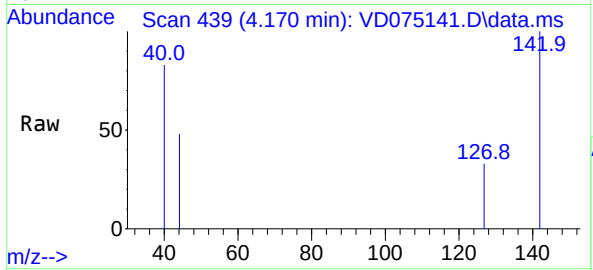




#10
Methyl Iodide
Concen: 1.851 ug/l
RT: 4.170 min Scan# 41
Delta R.T. 0.006 min
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Acq: 19 Jan 2023 15:04

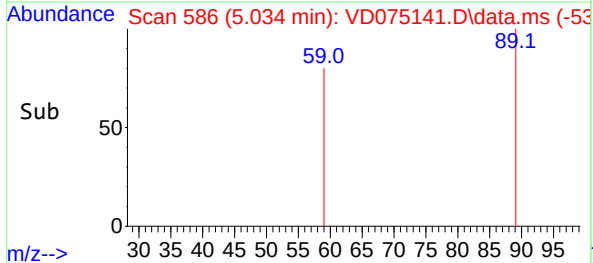
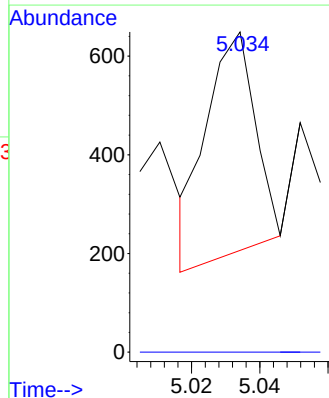
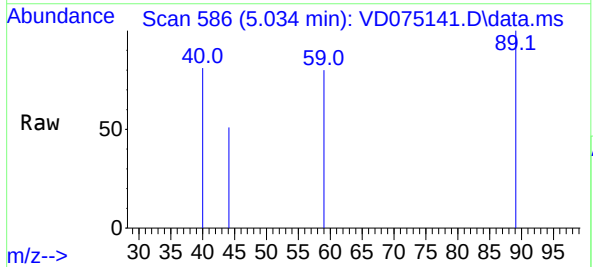
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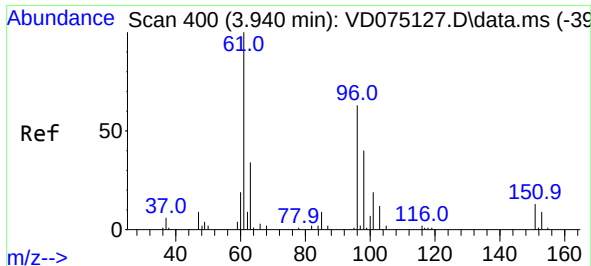
Tgt Ion:142	Resp:	2241
Ion	Ratio	Lower Upper
142	100	
127	36.3	33.6 50.4
141	5.4	11.1 16.7#



#11
Tert butyl alcohol
Concen: 7.695 ug/l
RT: 5.034 min Scan# 586
Delta R.T. -0.018 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 59	Resp:	453
Ion	Ratio	Lower Upper
59	100	
57	0.0	2.9 4.3#





#12

1,1-Dichloroethene

Concen: 2.681 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

MDL03

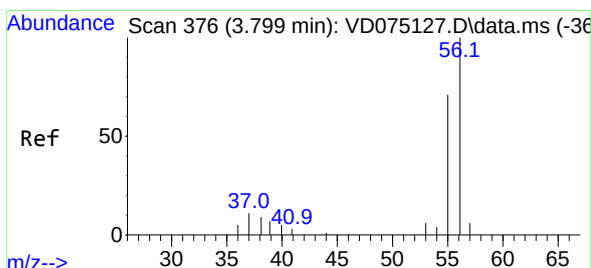
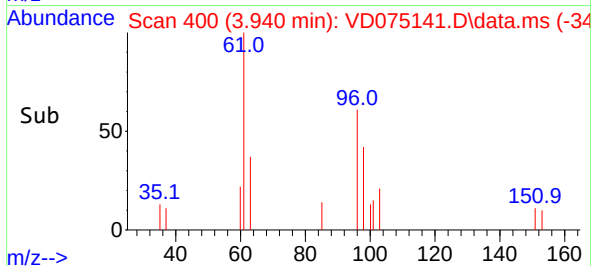
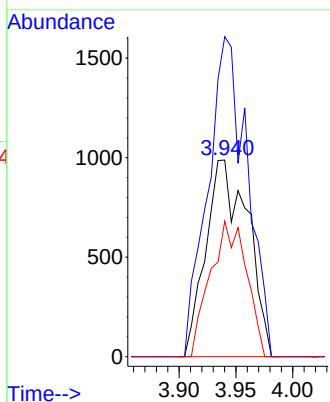
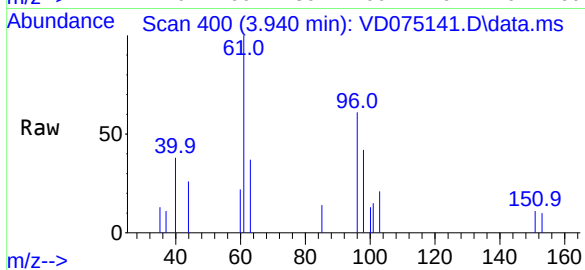
Tgt Ion: 96 Resp: 2539

Ion Ratio Lower Upper

96 100

61 162.8 126.8 190.2

98 68.9 50.4 75.6



#13

Acrolein

Concen: Below Cal

RT: 3.799 min Scan# 376

Delta R.T. -0.000 min

Lab File: VD075141.D

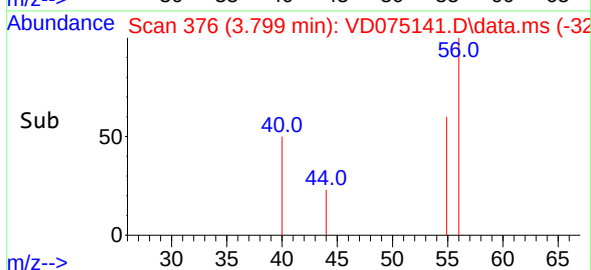
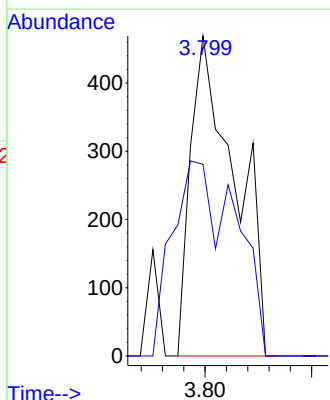
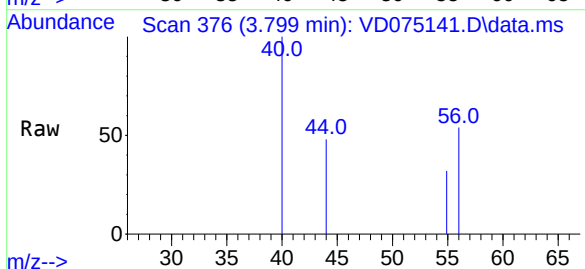
Acq: 19 Jan 2023 15:04

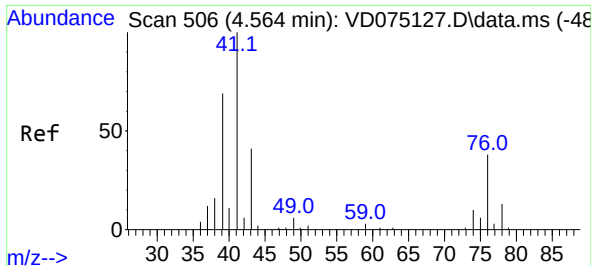
Tgt Ion: 56 Resp: 680

Ion Ratio Lower Upper

56 100

55 86.8 53.0 79.6#

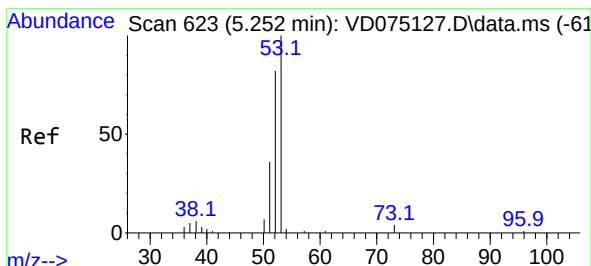
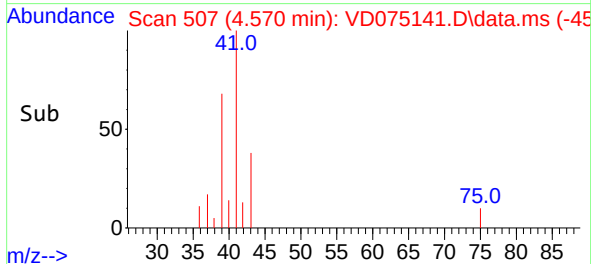
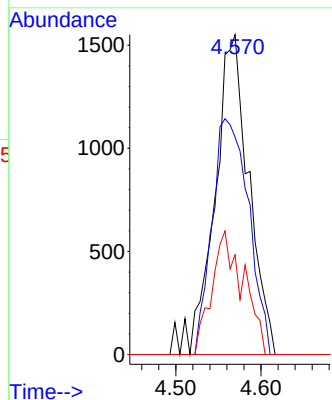
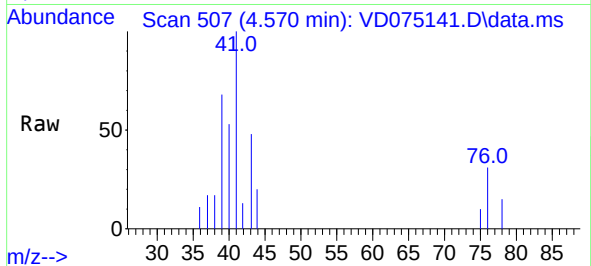




#14
 Allyl chloride
 Concen: 2.783 ug/l
 RT: 4.570 min Scan# 506
 Delta R.T. 0.006 min
 Lab File: VD075141.D
 Acq: 19 Jan 2023 15:04

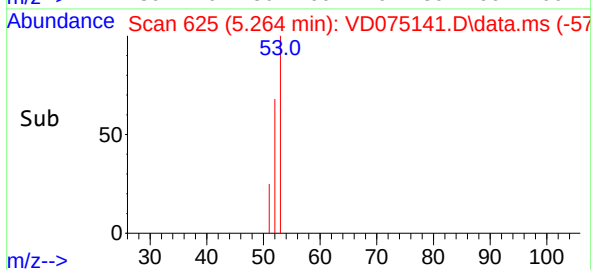
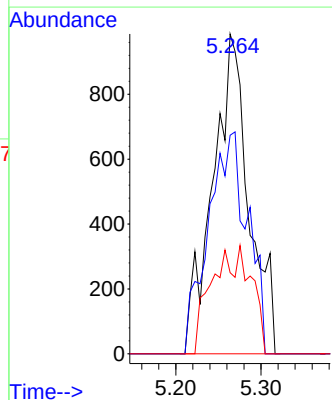
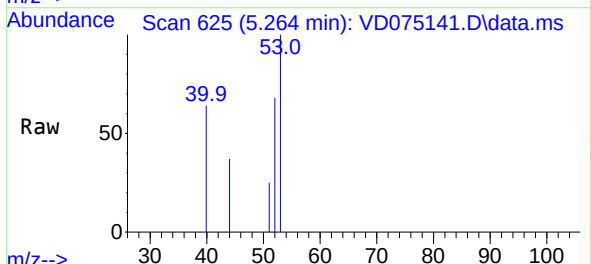
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

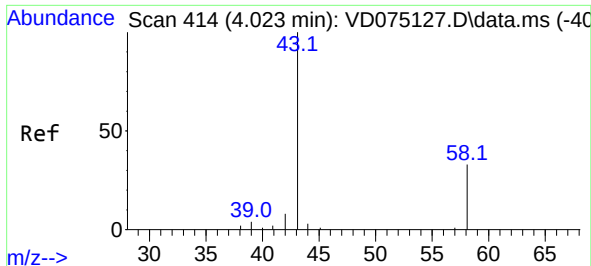
Tgt Ion: 41	Resp:	4276
Ion	Ratio	Lower Upper
41	100	
39	79.5	55.4 83.0
76	36.3	30.2 45.2



#15
 Acrylonitrile
 Concen: 14.695 ug/l
 RT: 5.264 min Scan# 625
 Delta R.T. 0.012 min
 Lab File: VD075141.D
 Acq: 19 Jan 2023 15:04

Tgt Ion: 53	Resp:	2917
Ion	Ratio	Lower Upper
53	100	
52	75.5	67.0 100.6
51	22.5	30.1 45.1





#16

Acetone

Concen: 14.378 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

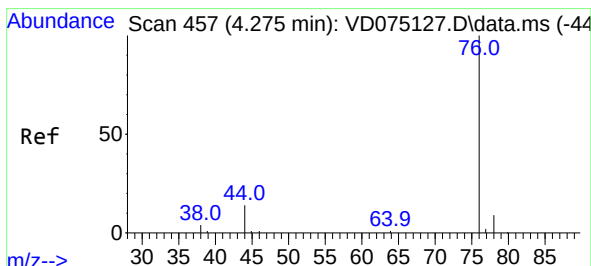
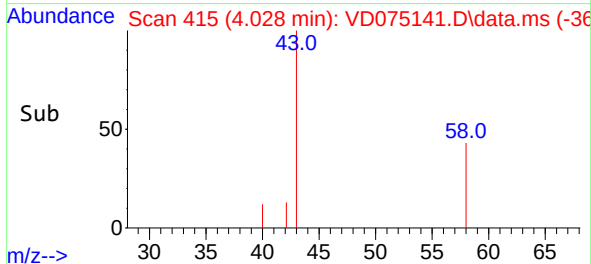
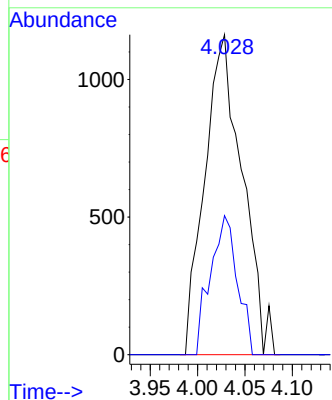
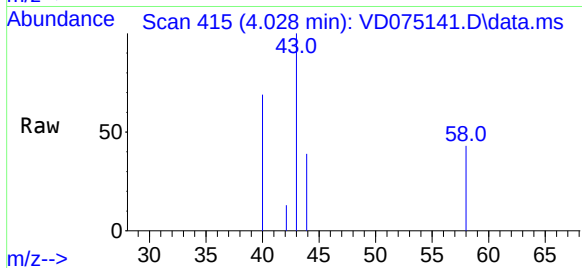
MDL03

Tgt Ion: 43 Resp: 3200

Ion Ratio Lower Upper

43 100

58 43.4 26.0 39.0#



#17

Carbon Disulfide

Concen: 2.949 ug/l

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD075141.D

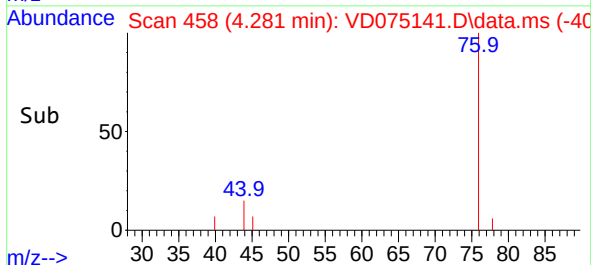
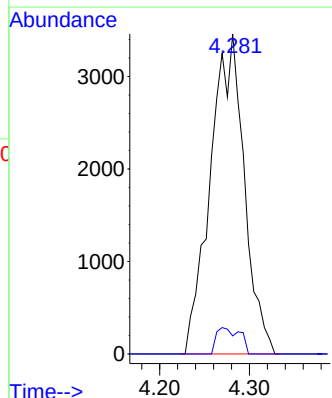
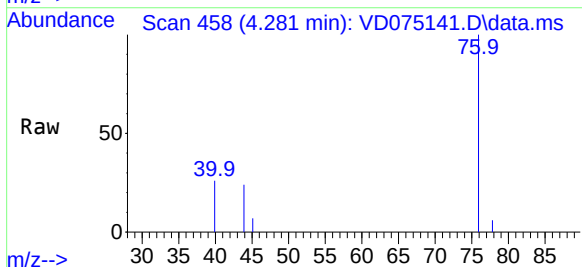
Acq: 19 Jan 2023 15:04

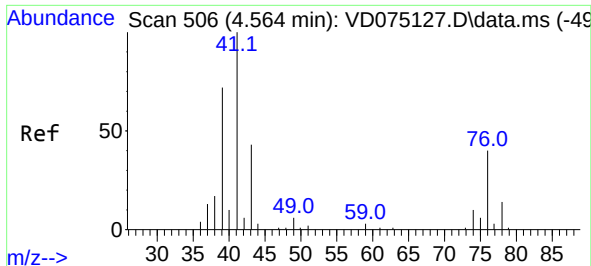
Tgt Ion: 76 Resp: 9057

Ion Ratio Lower Upper

76 100

78 5.6 7.4 11.0#

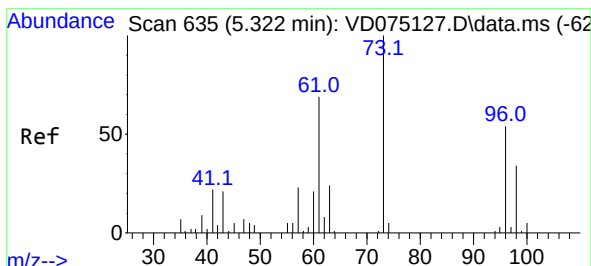
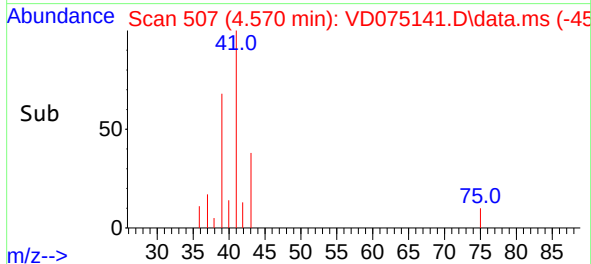
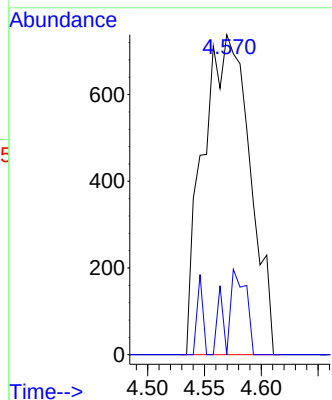
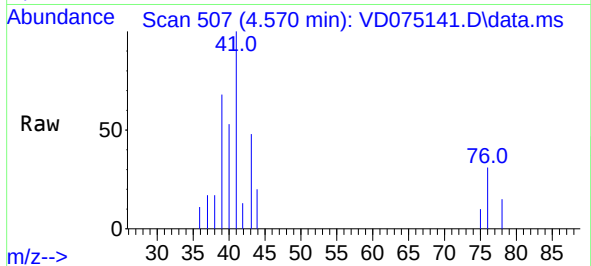




#18
Methyl Acetate
Concen: 3.511 ug/l
RT: 4.570 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

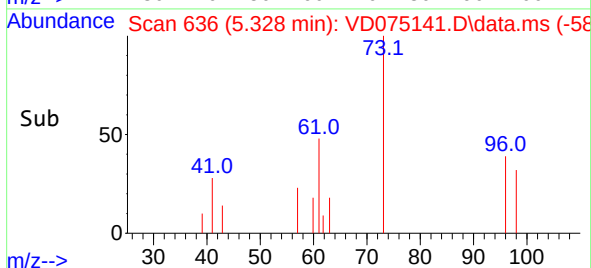
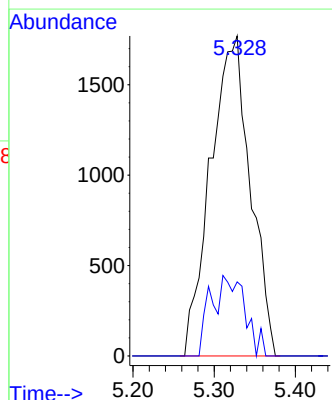
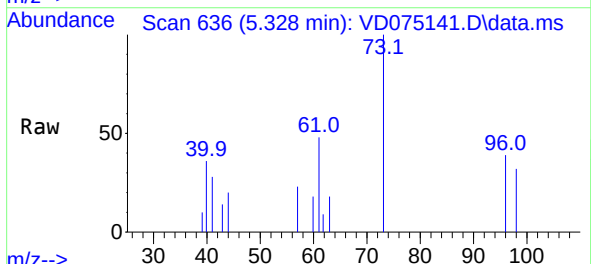
Instrument :
MSVOA_D
ClientSampleId :
MDL03

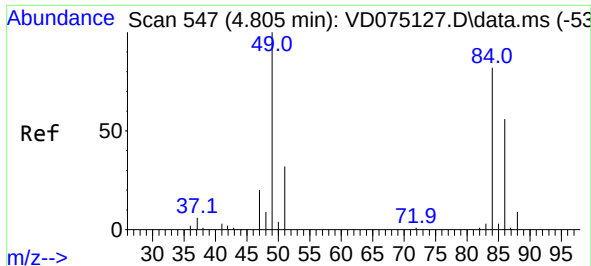
Tgt Ion: 43 Resp: 2124
Ion Ratio Lower Upper
43 100
74 11.2 18.5 27.7#



#19
Methyl tert-butyl Ether
Concen: 3.047 ug/l
RT: 5.328 min Scan# 636
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 73 Resp: 6026
Ion Ratio Lower Upper
73 100
57 23.2 18.5 27.7



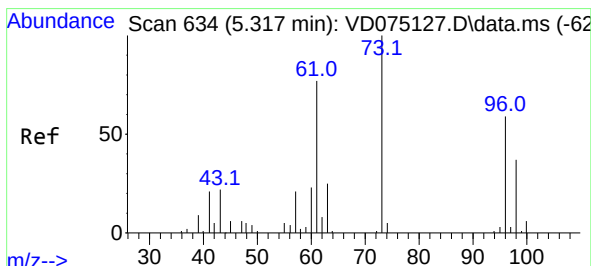
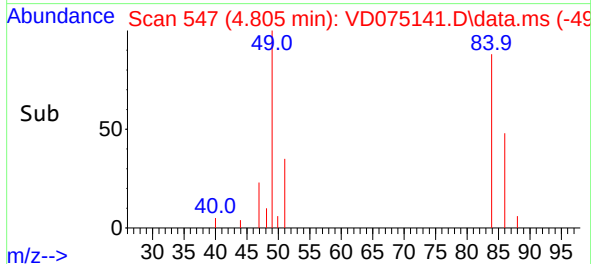
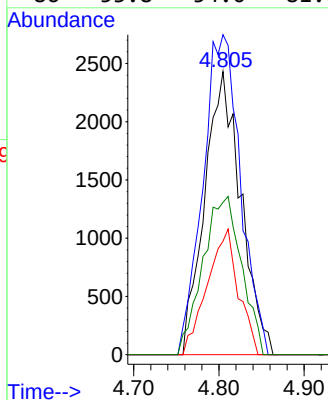
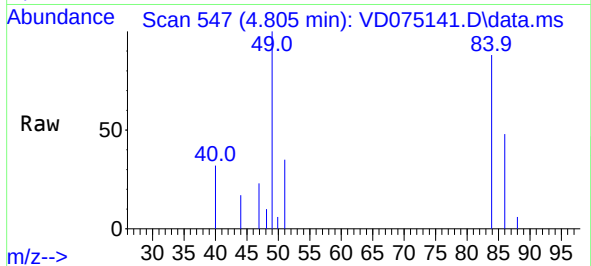


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 84 Resp: 7177

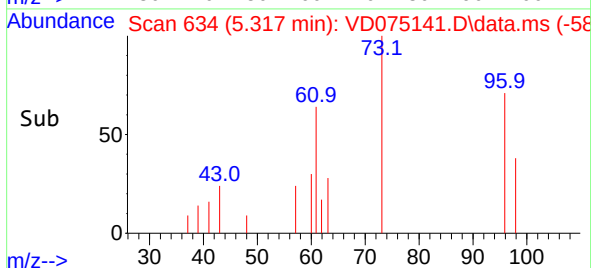
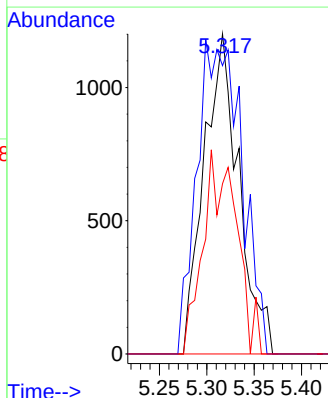
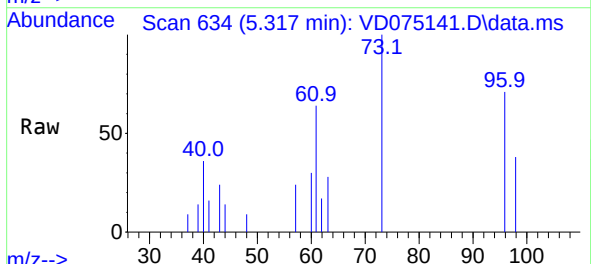
Ion	Ratio	Lower	Upper
84	100		
49	113.0	97.0	145.6
51	40.1	30.9	46.3
86	53.8	54.0	81.0

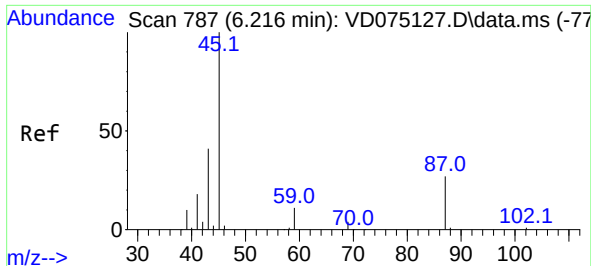


#21
trans-1,2-Dichloroethene
Concen: 2.918 ug/l
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 96 Resp: 3076

Ion	Ratio	Lower	Upper
96	100		
61	90.1	105.7	158.5
98	53.2	50.4	75.6

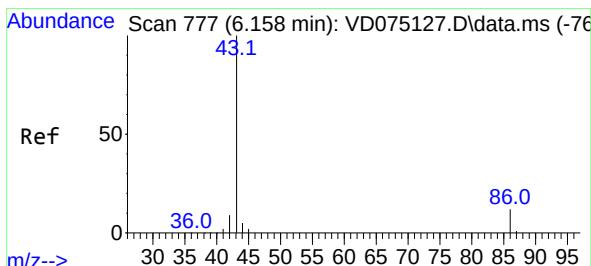
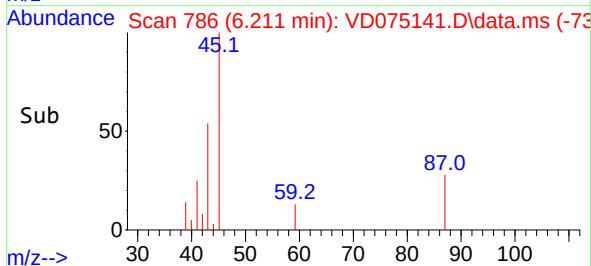
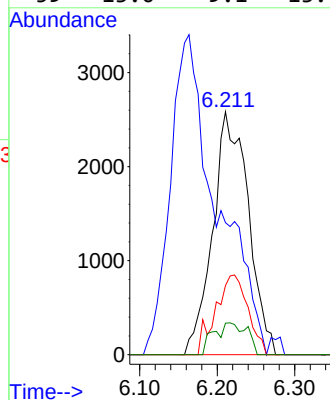
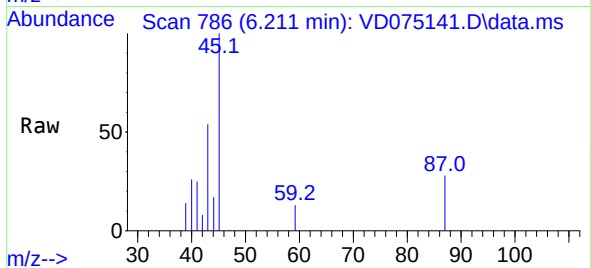




#22
Diisopropyl ether
Concen: 2.874 ug/l
RT: 6.211 min Scan# 778
Delta R.T. -0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

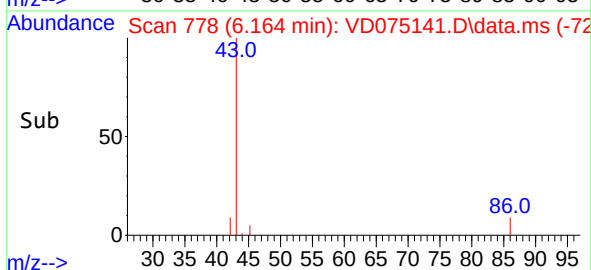
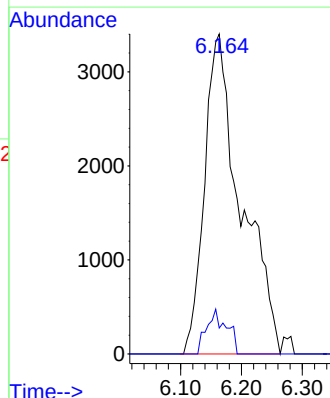
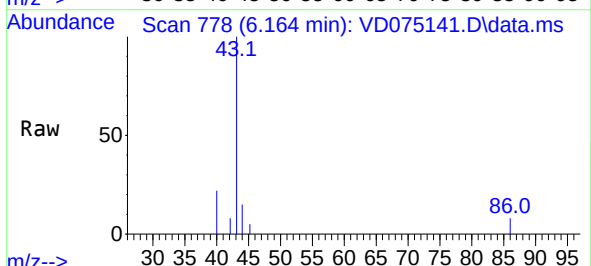
Instrument :
MSVOA_D
ClientSampleId :
MDL03

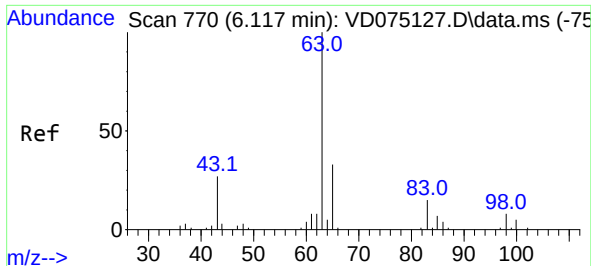
Tgt Ion:	45	Resp:	8220
Ion	Ratio	Lower	Upper
45	100		
43	47.1	45.3	67.9
87	28.5	22.1	33.1
59	13.0	9.1	13.7



#23
Vinyl Acetate
Concen: 11.272 ug/l
RT: 6.164 min Scan# 778
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:	43	Resp:	14209
Ion	Ratio	Lower	Upper
43	100		
86	8.1	9.3	13.9





#24

1,1-Dichloroethane

Concen: 2.963 ug/l

RT: 6.122 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

MDL03

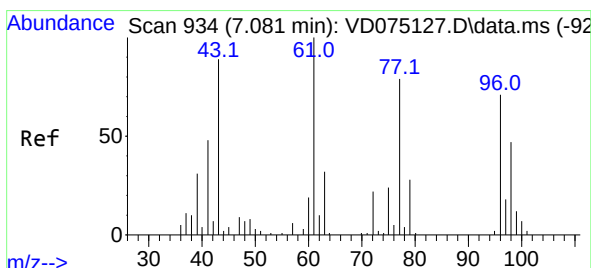
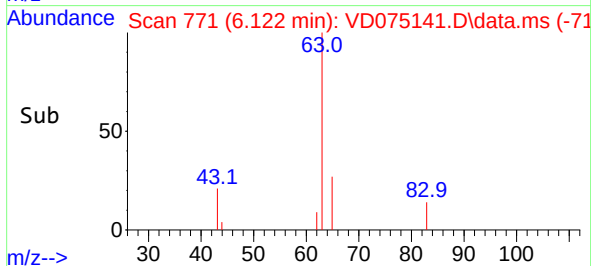
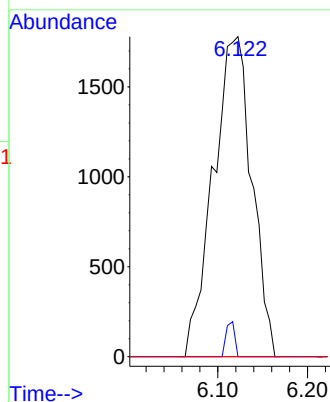
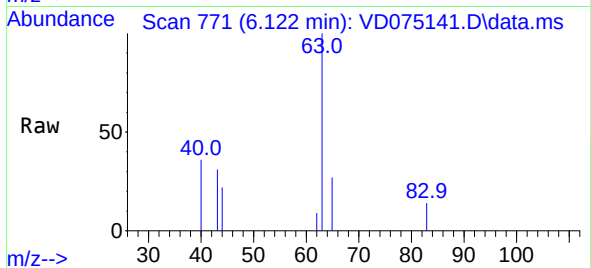
Tgt Ion: 63 Resp: 5326

Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.2#

100 0.0 2.5 7.4#



#25

2-Butanone

Concen: 15.395 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD075141.D

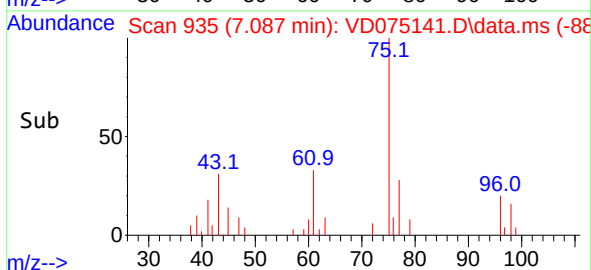
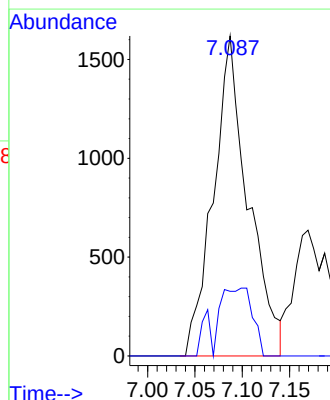
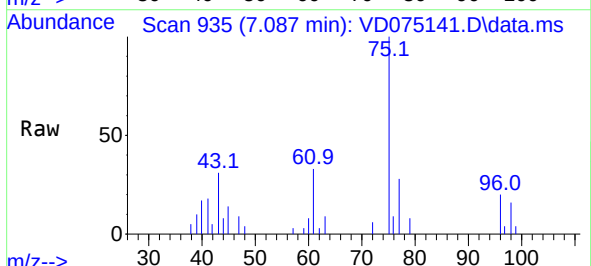
Acq: 19 Jan 2023 15:04

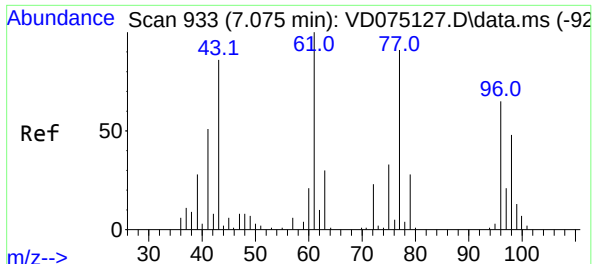
Tgt Ion: 43 Resp: 4141

Ion Ratio Lower Upper

43 100

72 20.2 19.8 29.8





#26

2,2-Dichloropropane

Concen: 3.169 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

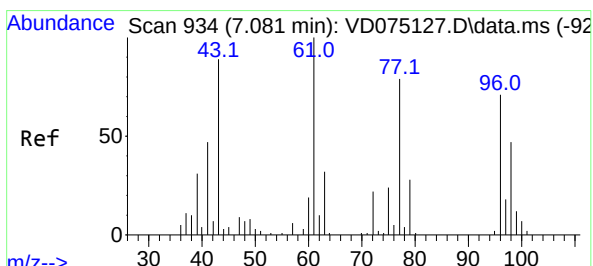
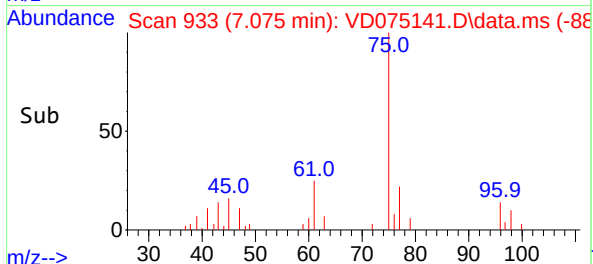
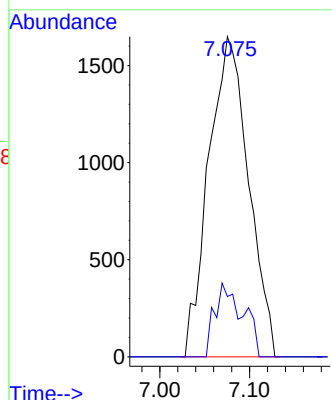
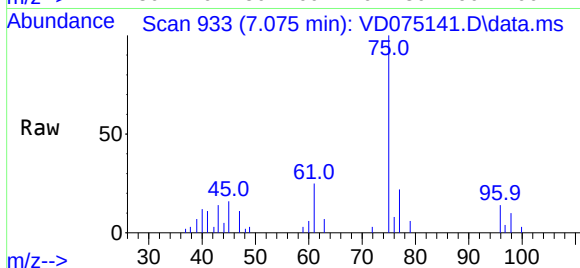
MDL03

Tgt Ion: 77 Resp: 5078

Ion Ratio Lower Upper

77 100

97 16.1 12.0 36.0



#27

cis-1,2-Dichloroethene

Concen: 2.882 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

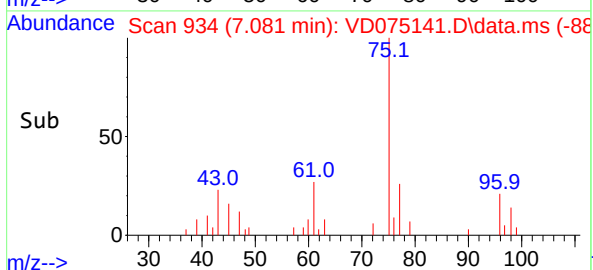
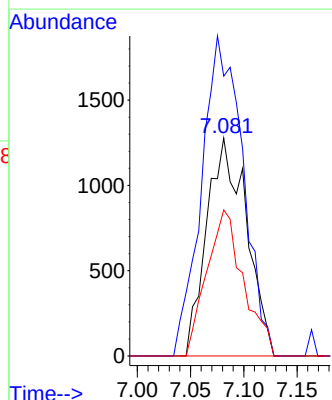
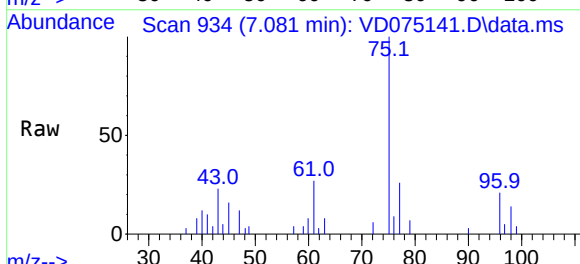
Tgt Ion: 96 Resp: 3312

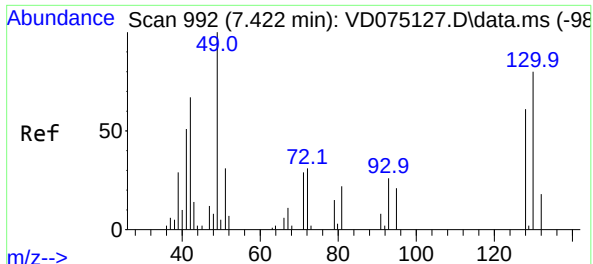
Ion Ratio Lower Upper

96 100

61 152.7 0.0 287.4

98 61.9 0.0 129.8



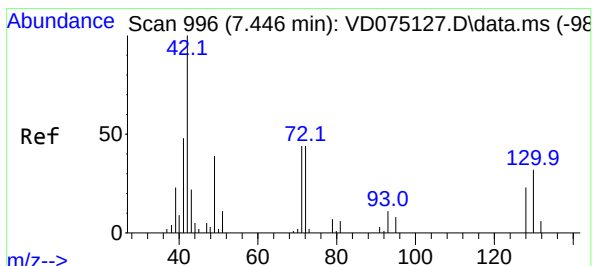
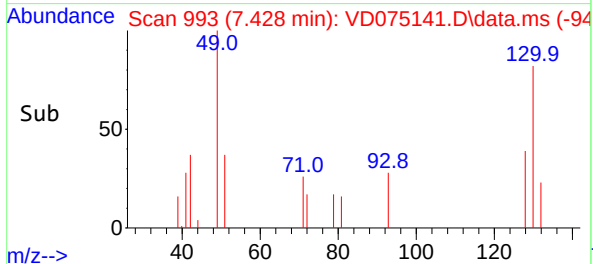
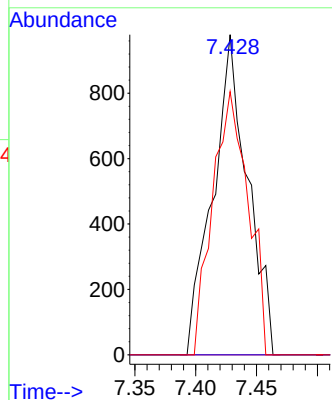
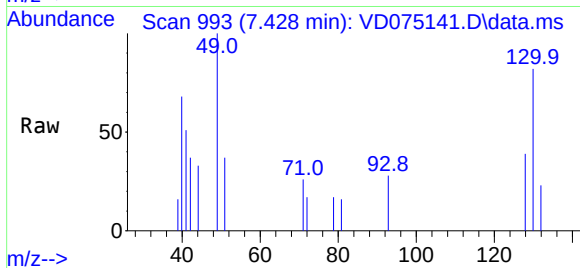


#28
Bromochloromethane
Concen: 3.969 ug/l
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 49 Resp: 1948

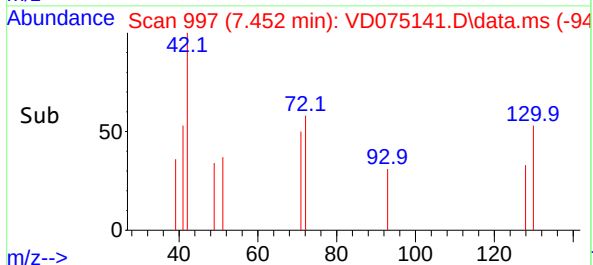
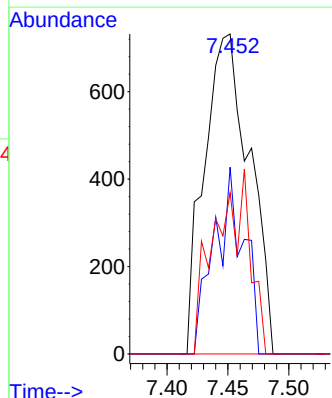
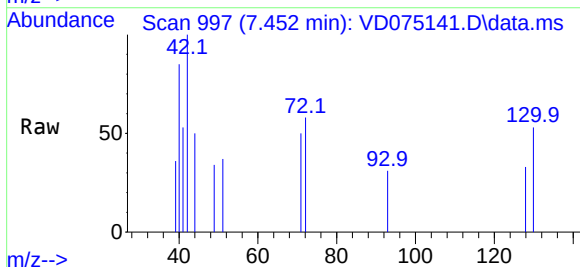
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	83.9	63.6	95.4

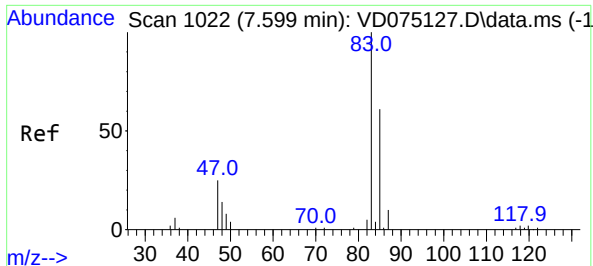


#29
Tetrahydrofuran
Concen: 12.345 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 42 Resp: 1894

Ion	Ratio	Lower	Upper
42	100		
72	38.0	33.8	50.8
71	44.4	31.6	47.4

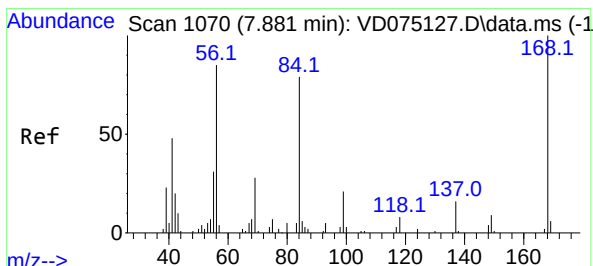
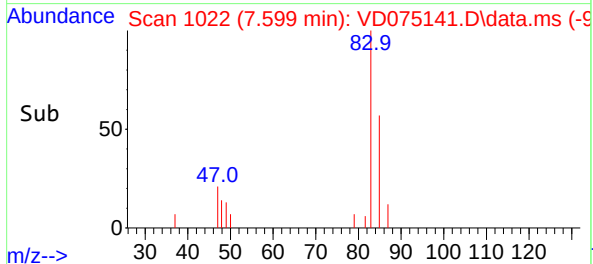
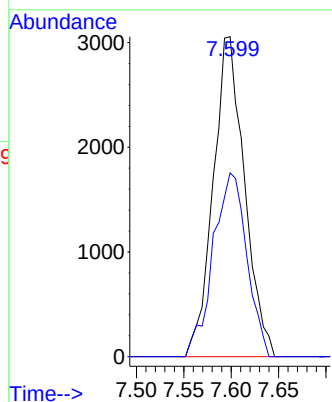
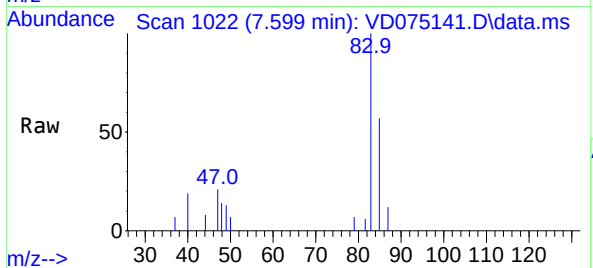




#30
Chloroform
Concen: 3.918 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

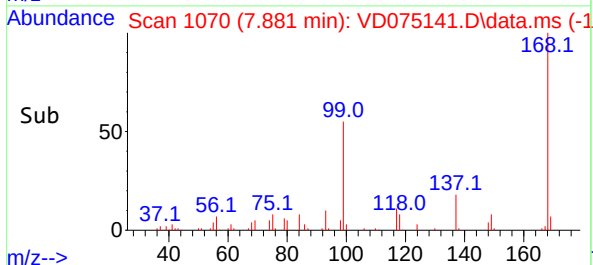
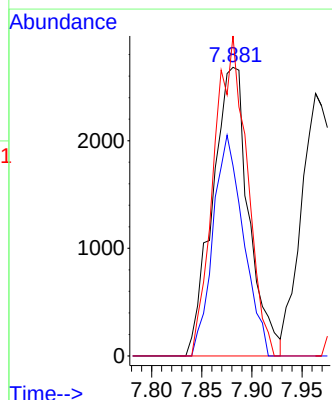
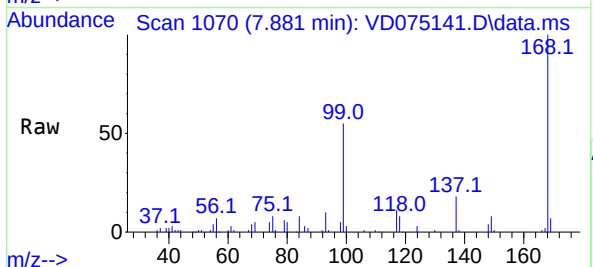
Instrument :
MSVOA_D
ClientSampleId :
MDL03

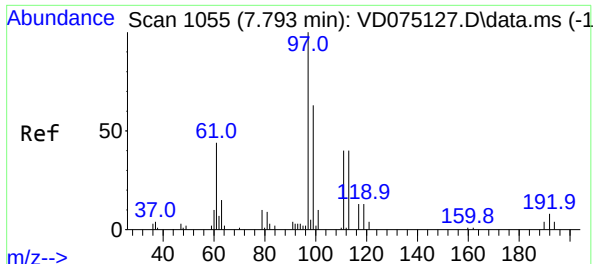
Tgt Ion: 83 Resp: 7022
Ion Ratio Lower Upper
83 100
85 57.4 48.5 72.7



#31
Cyclohexane
Concen: 4.004 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 56 Resp: 6777
Ion Ratio Lower Upper
56 100
69 65.9 26.6 40.0#
84 110.9 74.1 111.1



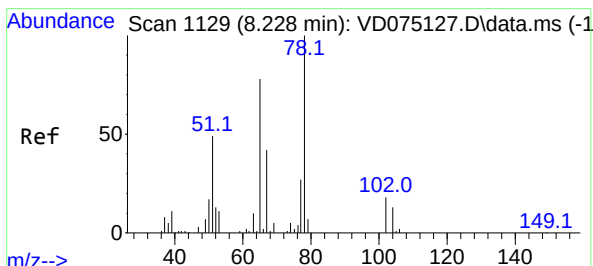
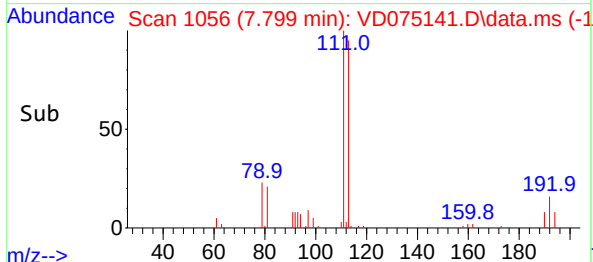
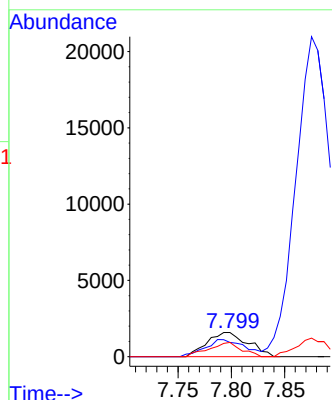
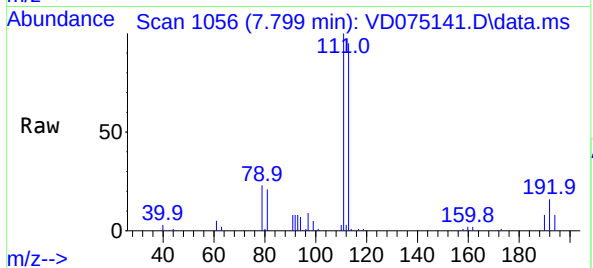


#32
1,1,1-Trichloroethane
Concen: 2.742 ug/l
RT: 7.799 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 97 Resp: 4235

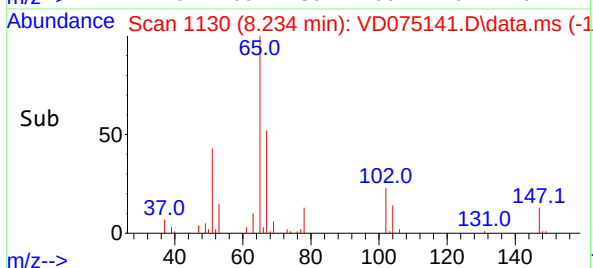
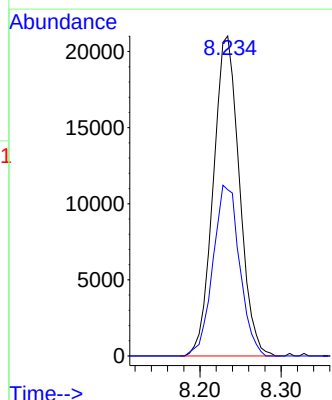
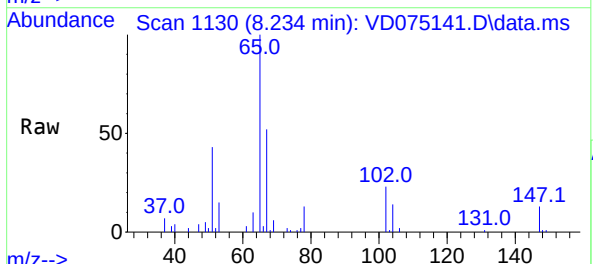
Ion	Ratio	Lower	Upper
97	100		
99	68.6	51.7	77.5
61	46.8	36.3	54.5

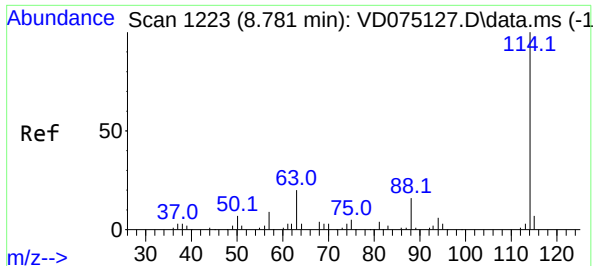


#33
1,2-Dichloroethane-d4
Concen: 55.650 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 65 Resp: 46960

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

MDL03

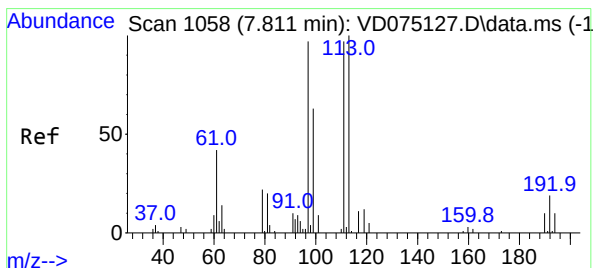
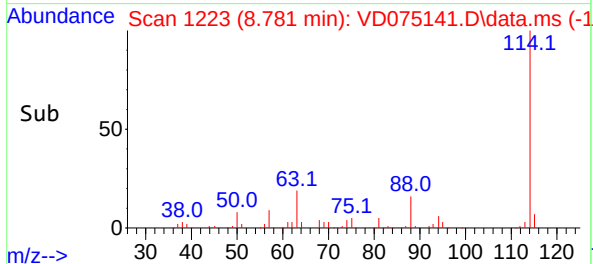
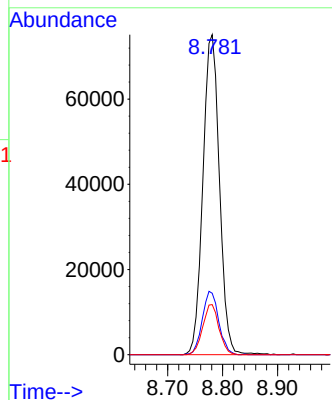
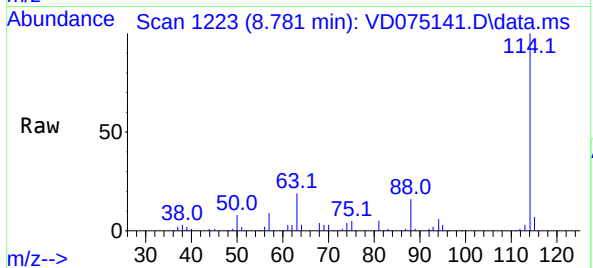
Tgt Ion:114 Resp: 156709

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.676 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

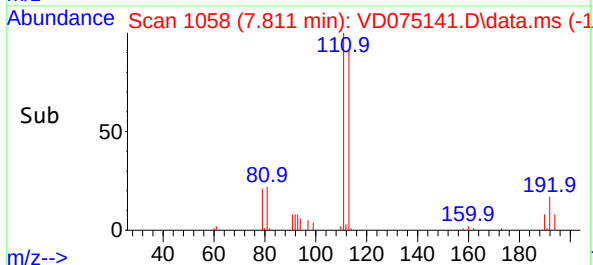
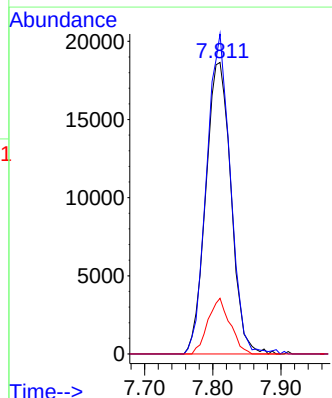
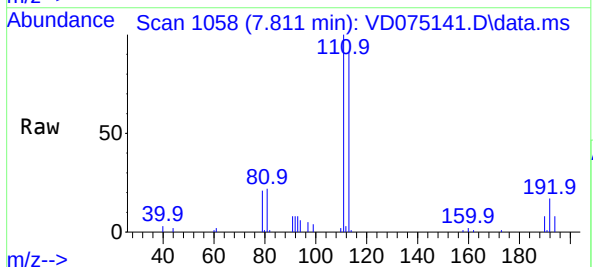
Tgt Ion:113 Resp: 47987

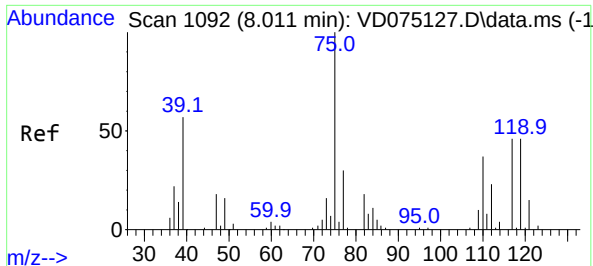
Ion Ratio Lower Upper

113 100

111 103.8 80.1 120.1

192 16.8 15.4 23.0



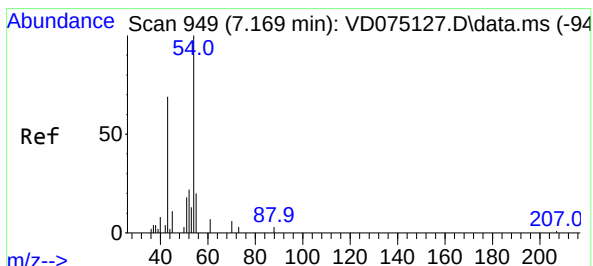
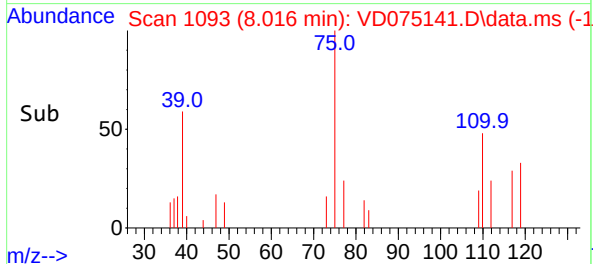
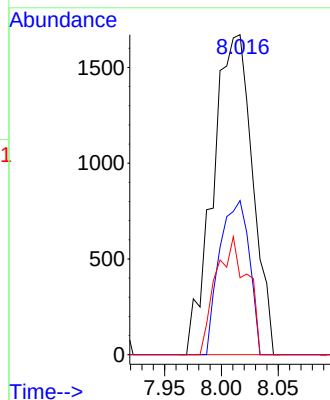
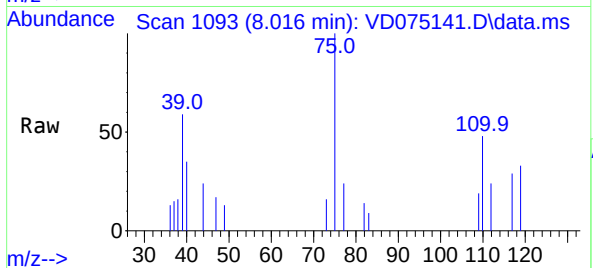


#36
1,1-Dichloropropene
Concen: 2.659 ug/l
RT: 8.016 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 4045

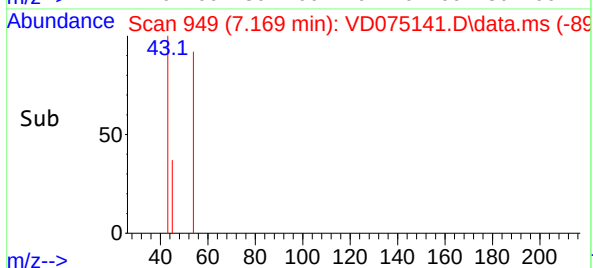
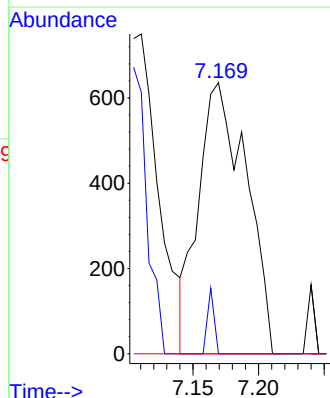
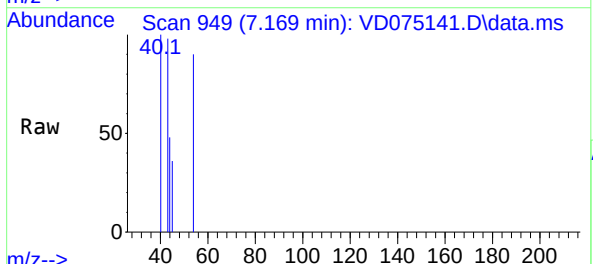
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.4
77	29.1	25.1	37.7

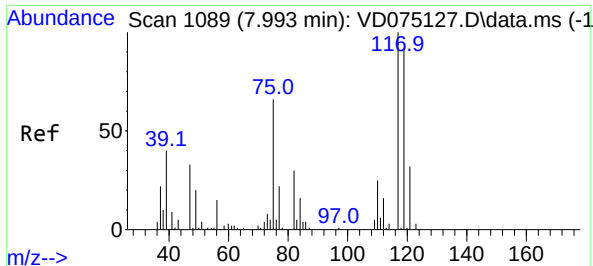


#37
Ethyl Acetate
Concen: 2.630 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 43 Resp: 1612

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.8	13.2#

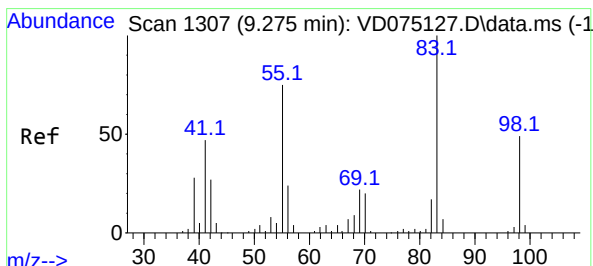
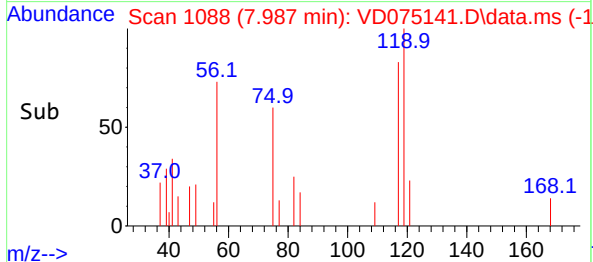
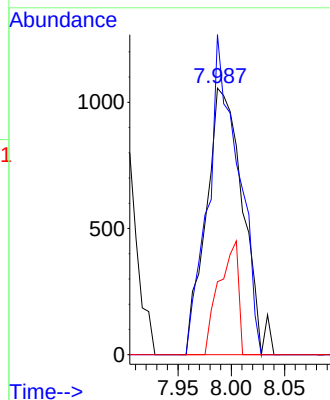
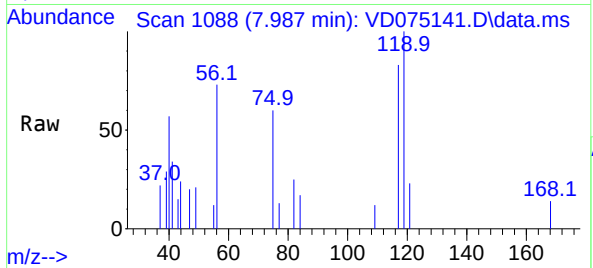




#38
Carbon Tetrachloride
Concen: 1.976 ug/l
RT: 7.987 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

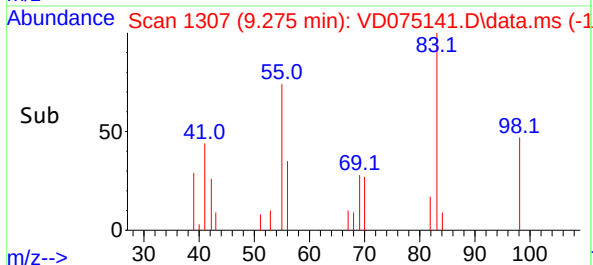
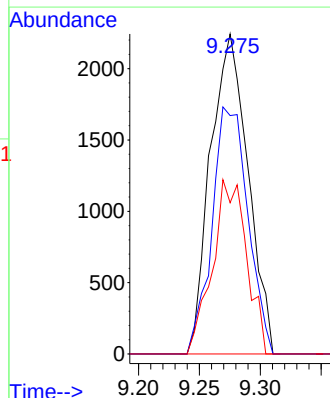
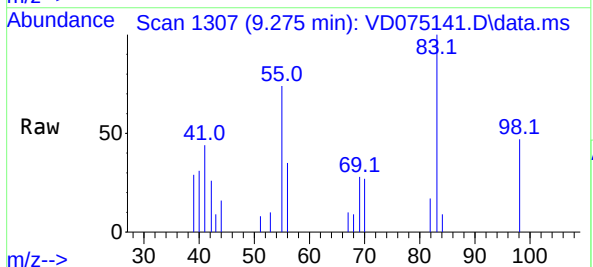
Instrument :
MSVOA_D
ClientSampleId :
MDL03

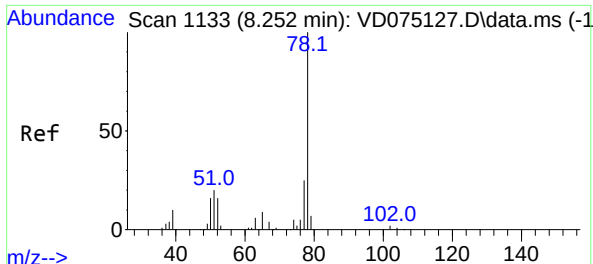
Tgt Ion:117 Resp: 2531
Ion Ratio Lower Upper
117 100
119 120.1 73.6 110.4#
121 27.4 25.4 38.0



#39
Methylcyclohexane
Concen: 2.565 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 83 Resp: 4810
Ion Ratio Lower Upper
83 100
55 74.5 60.0 90.0
98 47.3 39.0 58.4

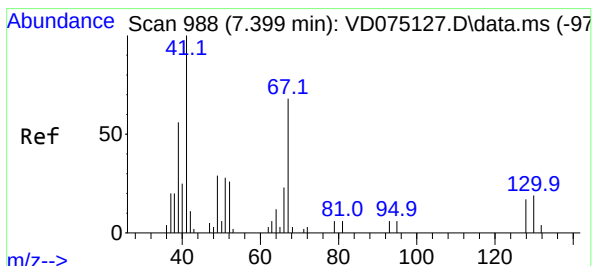
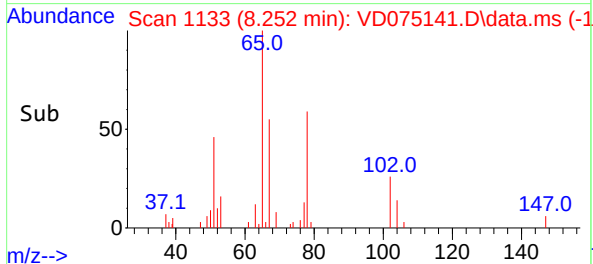
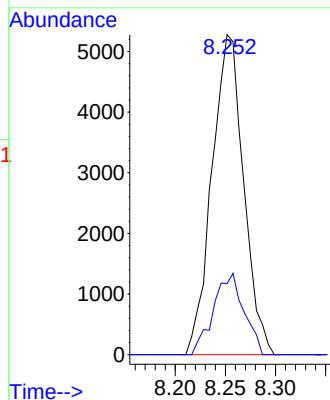
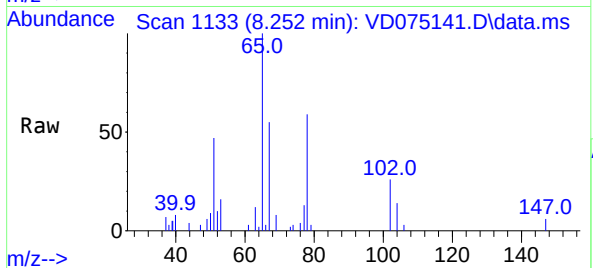




#40
Benzene
Concen: 2.670 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

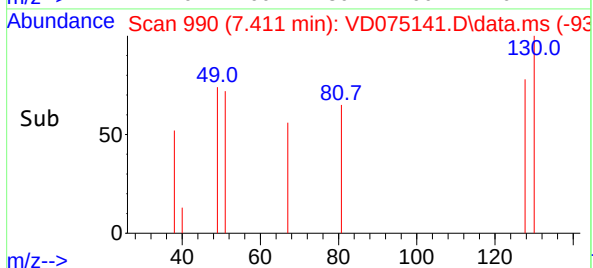
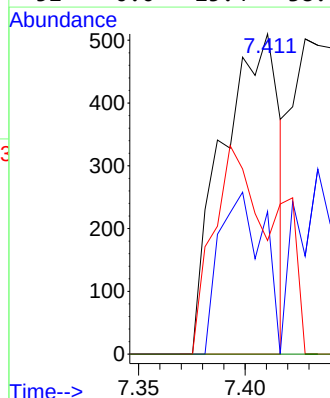
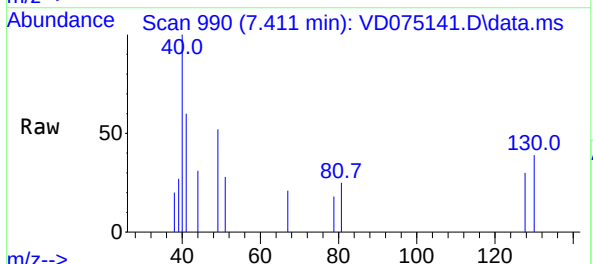
Instrument :
MSVOA_D
ClientSampleId :
MDL03

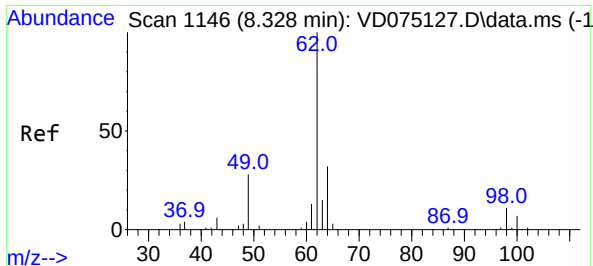
Tgt Ion: 78 Resp: 11586
Ion Ratio Lower Upper
78 100
77 22.2 19.8 29.6



#41
Methacrylonitrile
Concen: 2.584 ug/l
RT: 7.411 min Scan# 990
Delta R.T. 0.012 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 41 Resp: 953
Ion Ratio Lower Upper
41 100
39 39.0 57.8 86.6#
67 70.2 60.5 90.7
52 0.0 25.4 38.0#

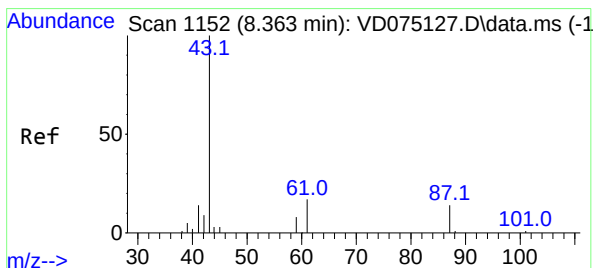
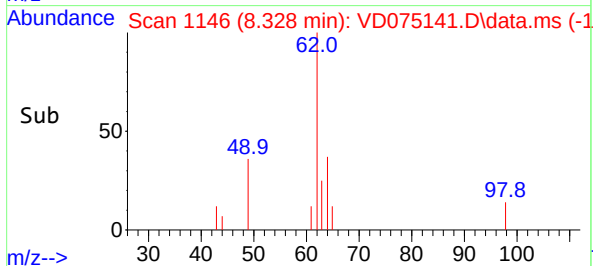
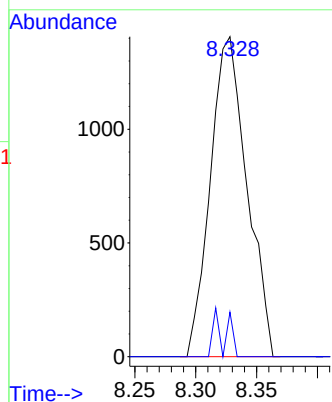
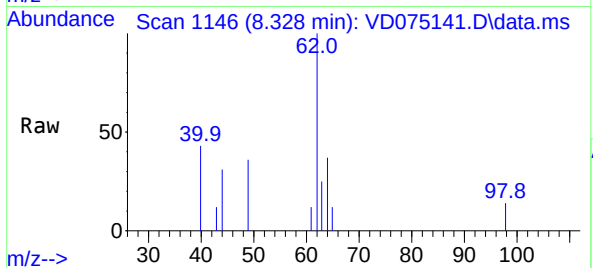




#42
1,2-Dichloroethane
Concen: 2.584 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

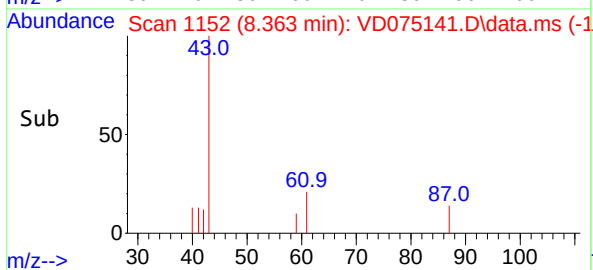
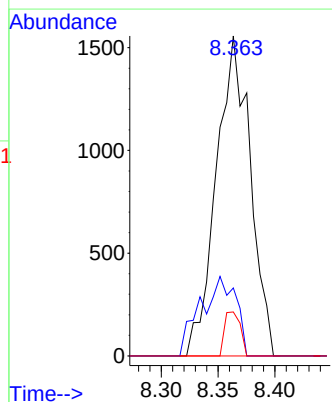
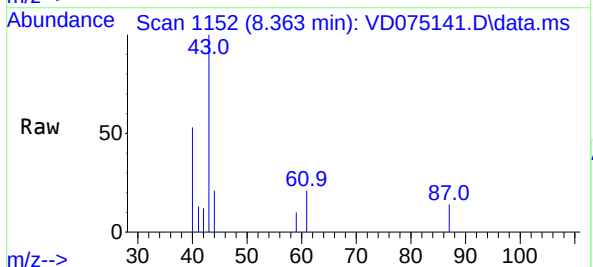
Instrument :
MSVOA_D
ClientSampleId :
MDL03

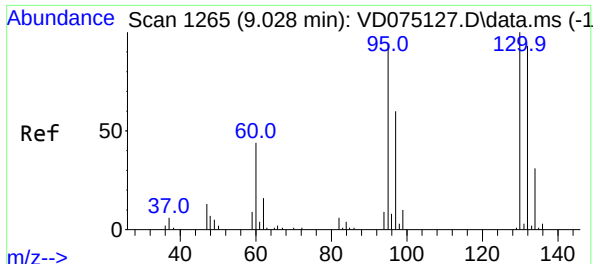
Tgt Ion: 62 Resp: 2945
Ion Ratio Lower Upper
62 100
98 4.9 0.0 19.2



#43
Isopropyl Acetate
Concen: 2.713 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 43 Resp: 3236
Ion Ratio Lower Upper
43 100
61 25.8 25.0 37.6
87 6.4 10.6 16.0#

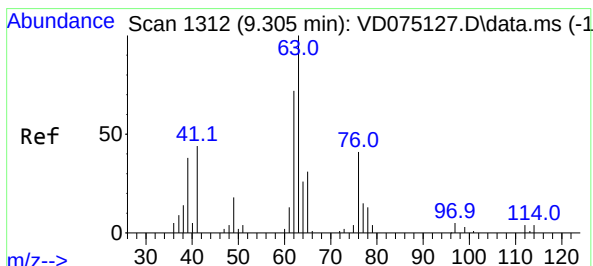
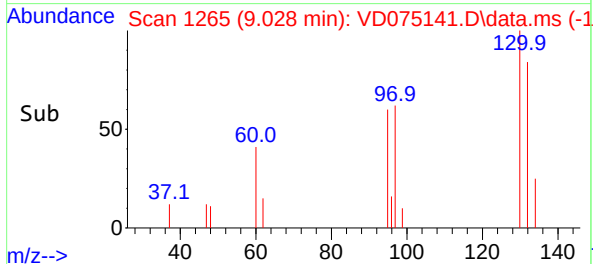
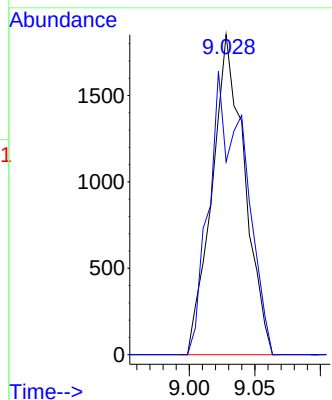
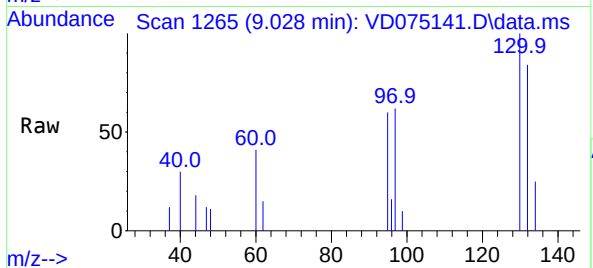




#44
Trichloroethene
Concen: 2.619 ug/l
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

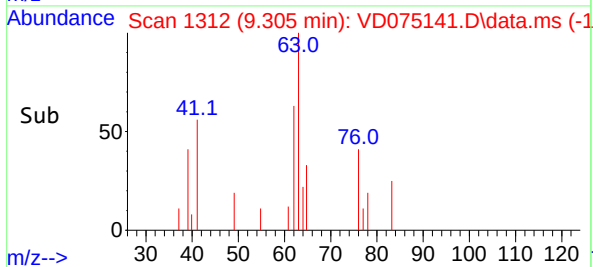
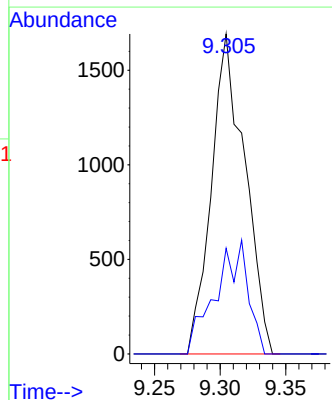
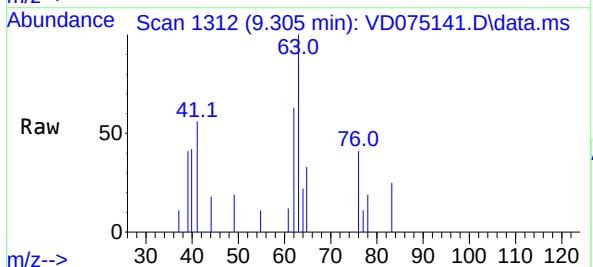
Instrument :
MSVOA_D
ClientSampleId :
MDL03

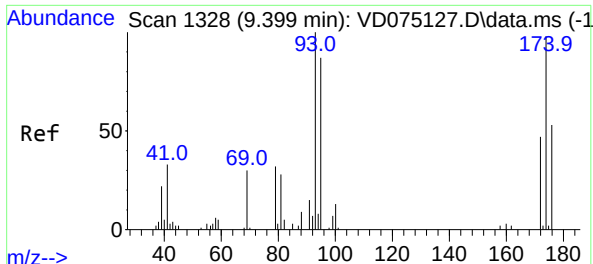
Tgt Ion:130 Resp: 3196
Ion Ratio Lower Upper
130 100
95 60.3 0.0 188.6



#45
1,2-Dichloropropane
Concen: 2.804 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 63 Resp: 2997
Ion Ratio Lower Upper
63 100
65 33.0 25.1 37.7

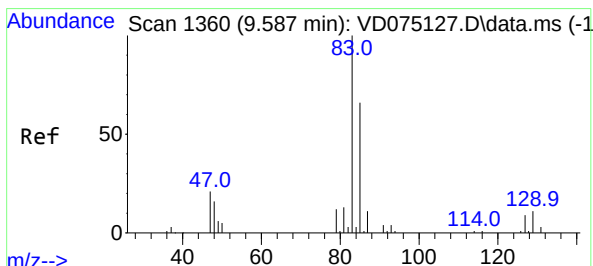
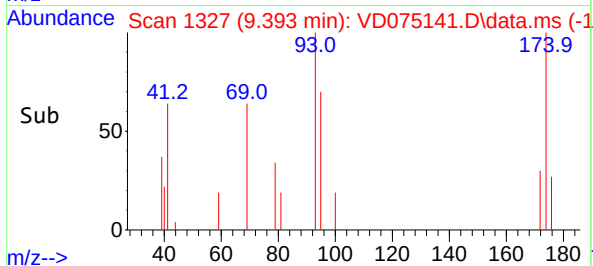
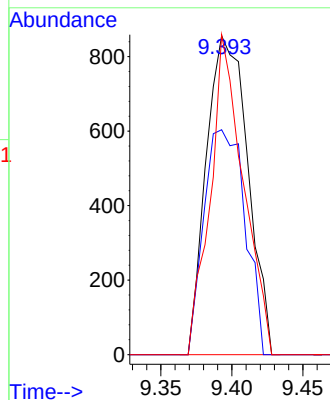
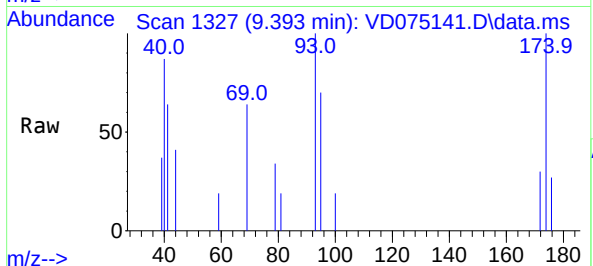




#46
Dibromomethane
Concen: 3.078 ug/l
RT: 9.393 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

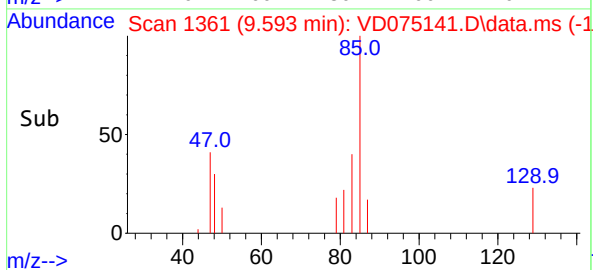
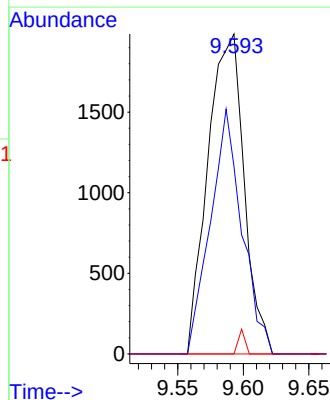
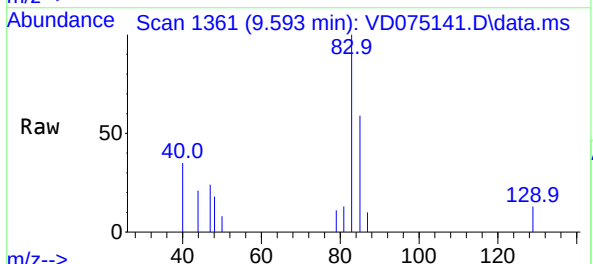
Instrument :
MSVOA_D
ClientSampleId :
MDL03

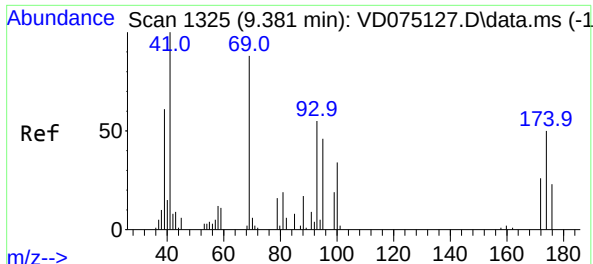
Tgt Ion: 93 Resp: 1735
Ion Ratio Lower Upper
93 100
95 70.3 68.3 102.5
174 80.3 77.4 116.0



#47
Bromodichloromethane
Concen: 2.728 ug/l
RT: 9.593 min Scan# 1361
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 83 Resp: 3815
Ion Ratio Lower Upper
83 100
85 58.6 53.0 79.4
127 0.0 7.0 10.4#

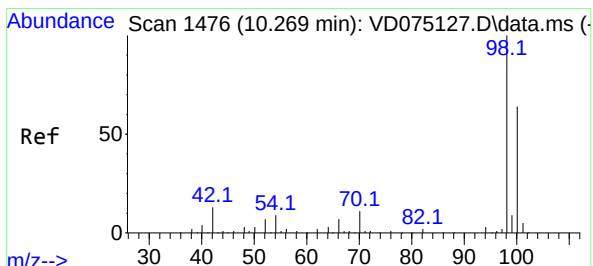
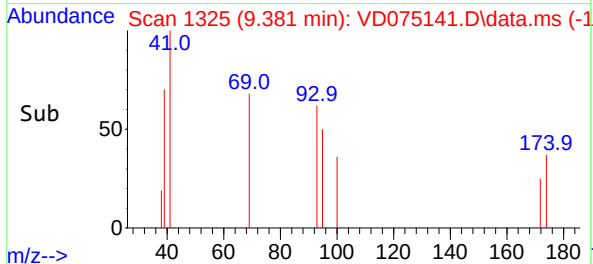
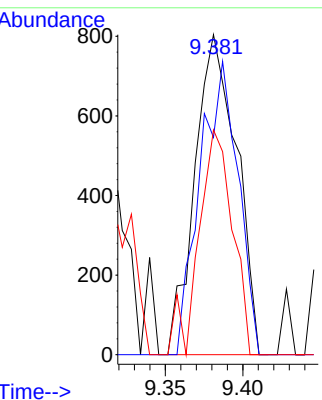
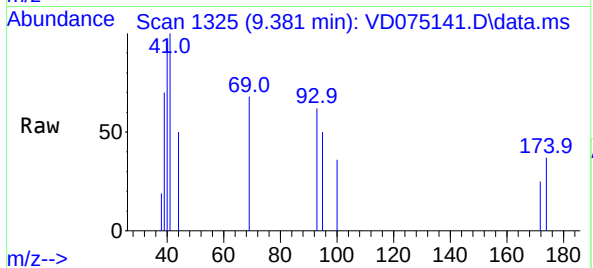




#48
Methyl methacrylate
Concen: 2.582 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

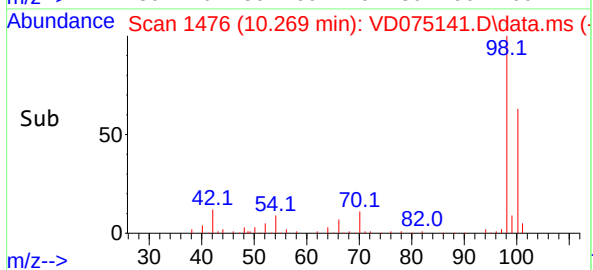
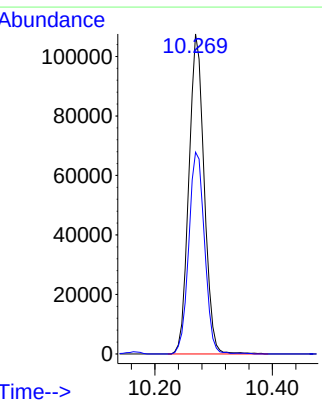
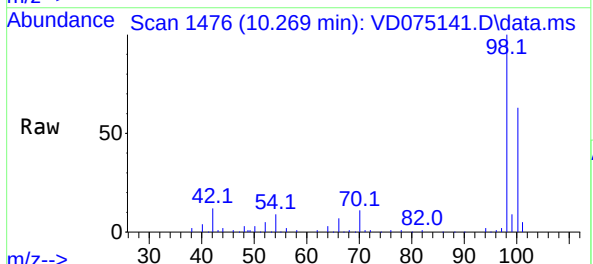
Instrument :
MSVOA_D
ClientSampleId :
MDL03

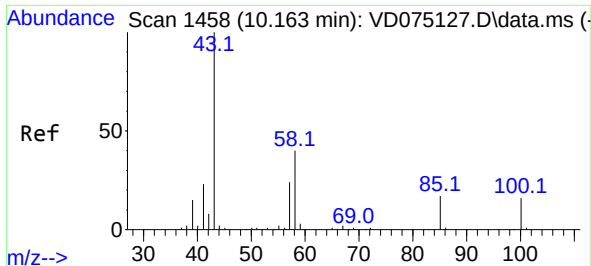
Tgt Ion: 41 Resp: 1506
Ion Ratio Lower Upper
41 100
69 83.7 67.8 101.6
39 56.8 46.0 69.0



#50
Toluene-d8
Concen: 52.116 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 98 Resp: 194312
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

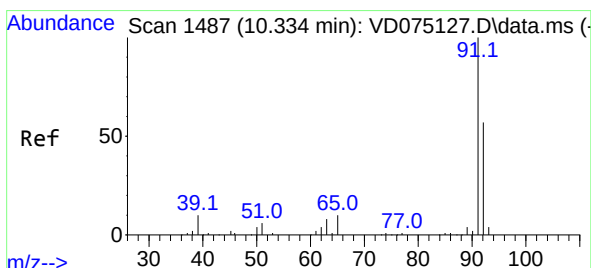
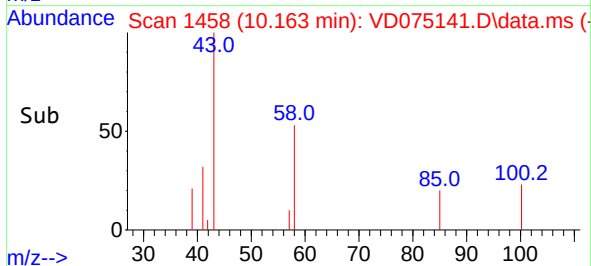
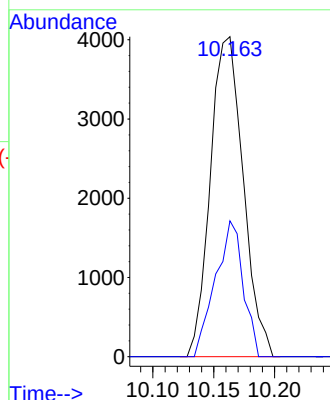
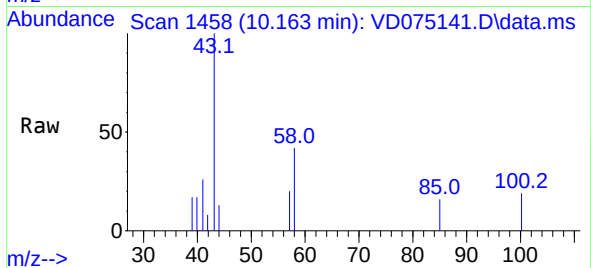




#51
4-Methyl-2-Pentanone
Concen: 13.228 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

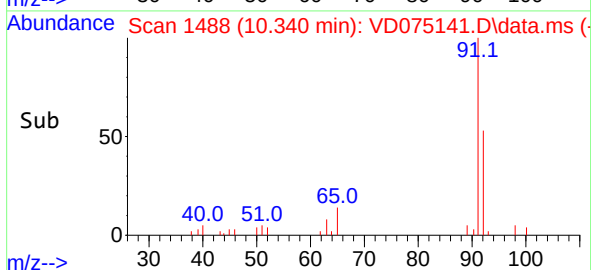
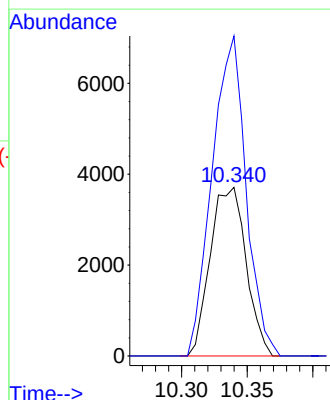
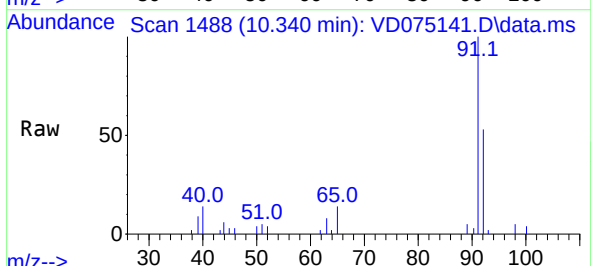
Instrument :
MSVOA_D
ClientSampleId :
MDL03

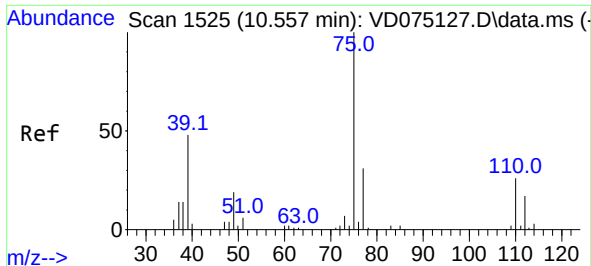
Tgt Ion: 43 Resp: 7577
Ion Ratio Lower Upper
43 100
58 35.8 31.4 47.0



#52
Toluene
Concen: 2.576 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 92 Resp: 7062
Ion Ratio Lower Upper
92 100
91 179.4 137.0 205.4

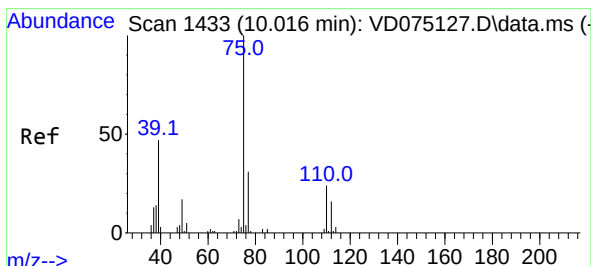
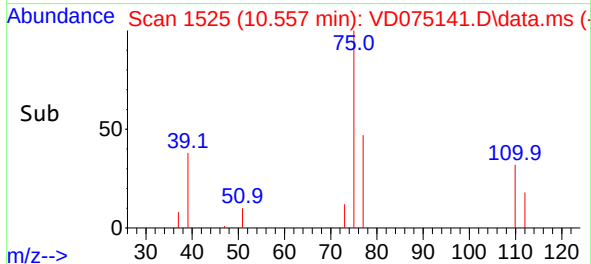
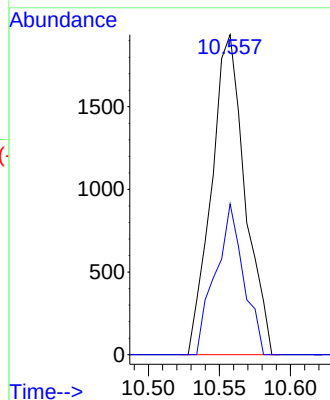
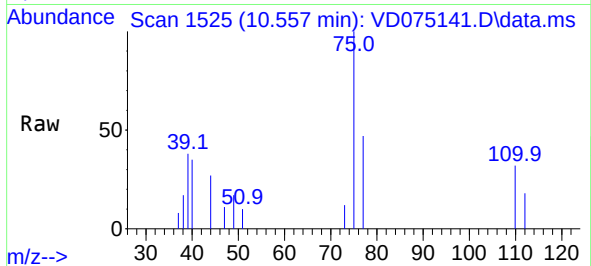




#53
t-1,3-Dichloropropene
Concen: 2.401 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

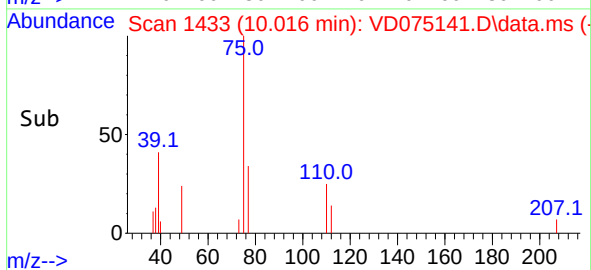
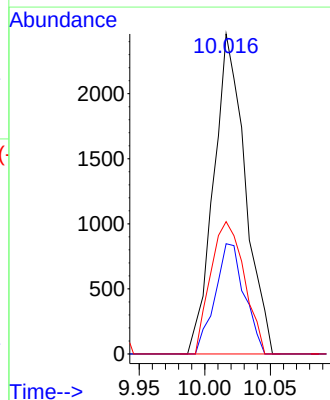
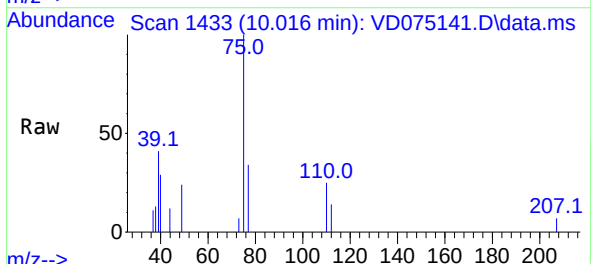
Instrument :
MSVOA_D
ClientSampleId :
MDL03

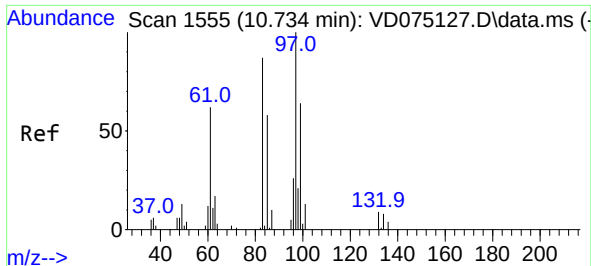
Tgt Ion: 75 Resp: 3176
Ion Ratio Lower Upper
75 100
77 47.1 25.0 37.6#



#54
cis-1,3-Dichloropropene
Concen: 2.542 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 75 Resp: 4109
Ion Ratio Lower Upper
75 100
77 34.4 25.1 37.7
39 41.4 37.9 56.9

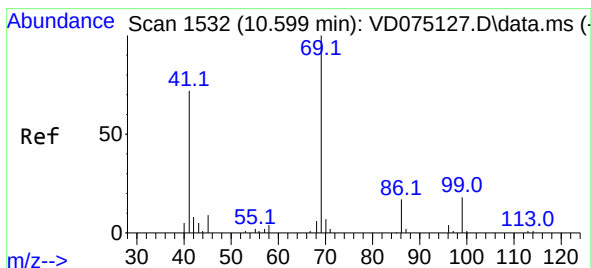
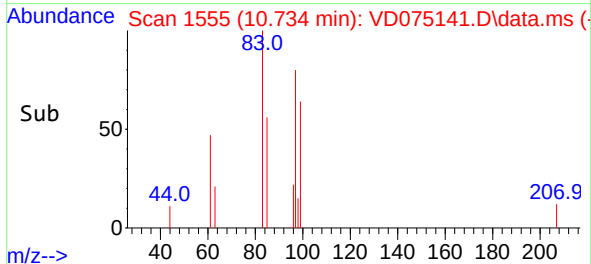
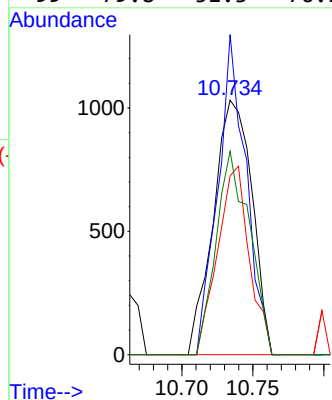
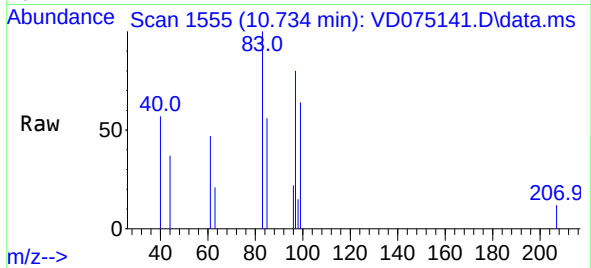




#55
1,1,2-Trichloroethane
Concen: 2.621 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

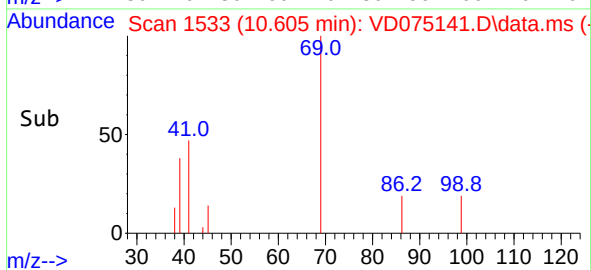
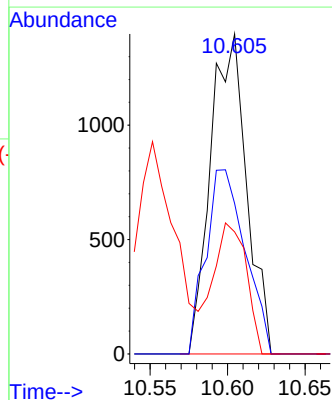
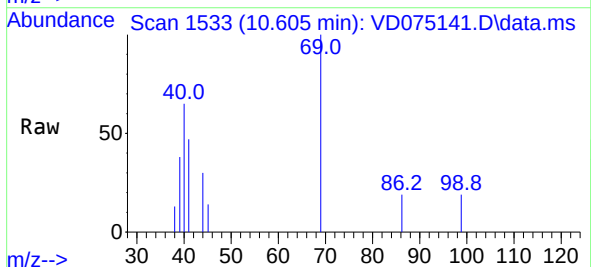
Instrument :
MSVOA_D
ClientSampleId :
MDL03

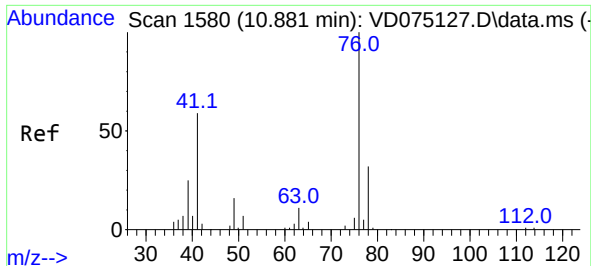
Tgt Ion:	97	Resp:	1955
Ion	Ratio	Lower	Upper
97	100		
83	125.7	69.4	104.0#
85	70.3	46.0	69.0#
99	79.8	51.3	76.9#



#56
Ethyl methacrylate
Concen: 2.527 ug/l
RT: 10.605 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:	69	Resp:	2267
Ion	Ratio	Lower	Upper
69	100		
41	62.9	55.7	83.5
39	37.2	31.4	47.0





#57

1,3-Dichloropropane

Concen: 2.739 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

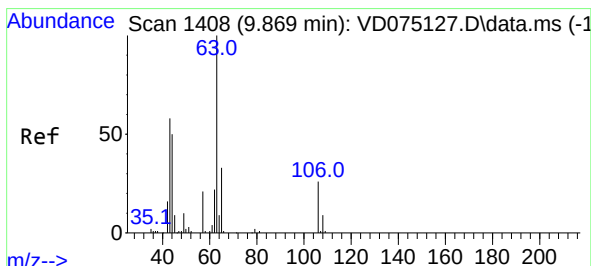
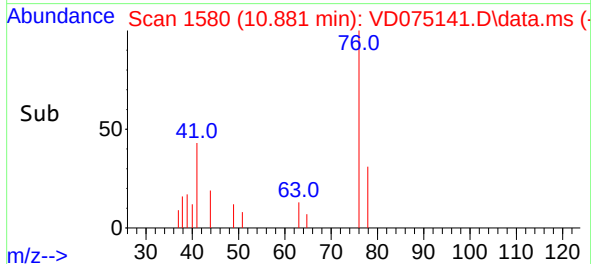
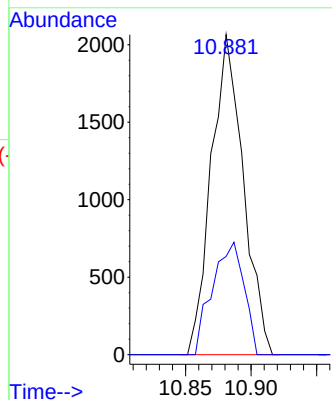
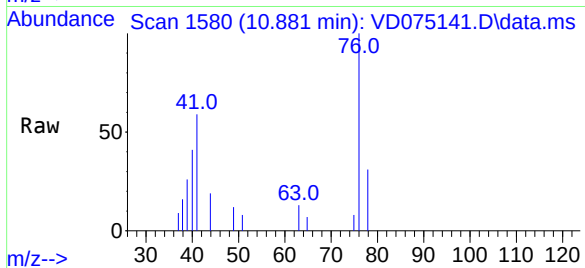
MDL03

Tgt Ion: 76 Resp: 3511

Ion Ratio Lower Upper

76 100

78 34.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 11.529 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075141.D

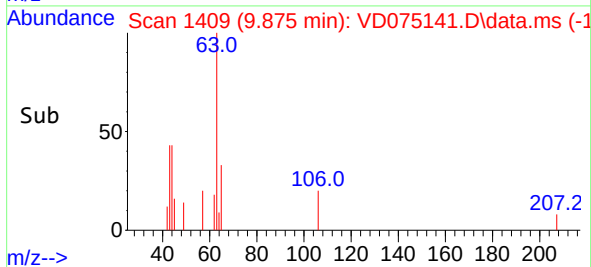
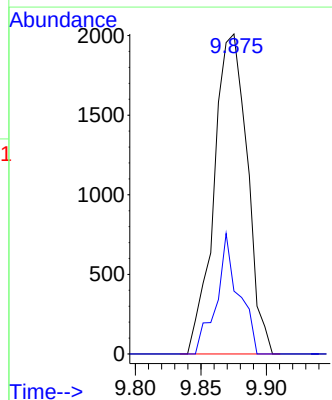
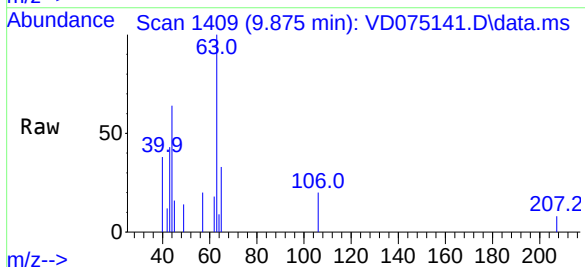
Acq: 19 Jan 2023 15:04

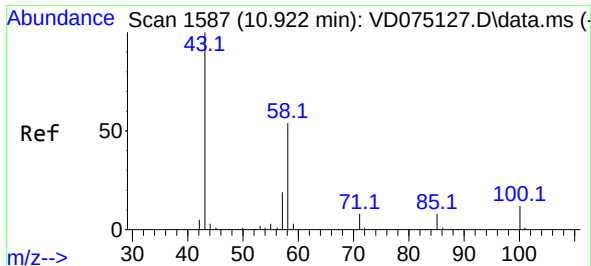
Tgt Ion: 63 Resp: 3539

Ion Ratio Lower Upper

63 100

106 25.2 22.6 33.8

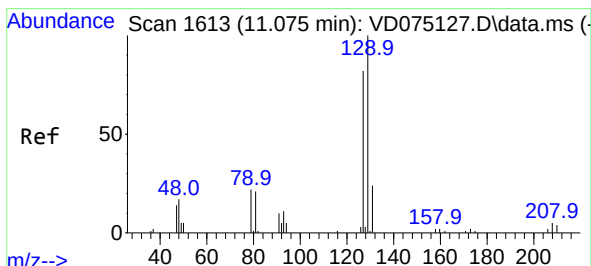
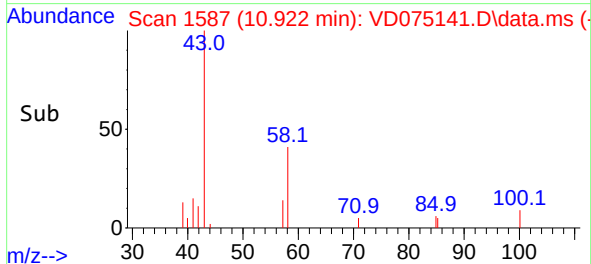
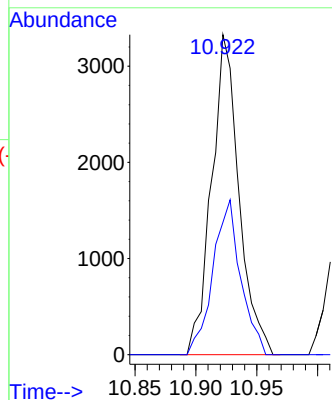
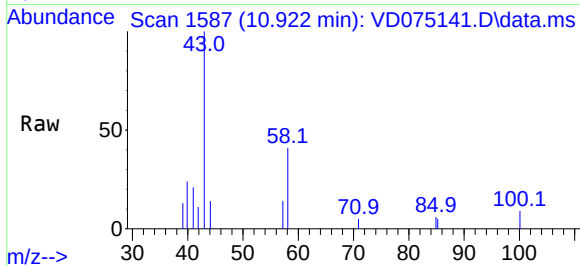




#59
2-Hexanone
Concen: 12.555 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

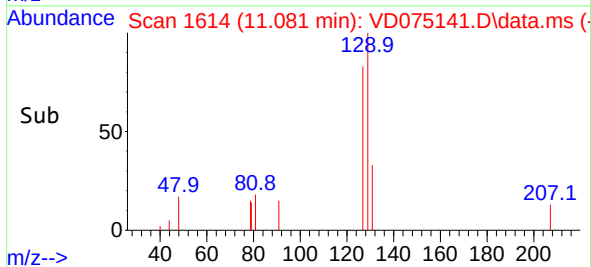
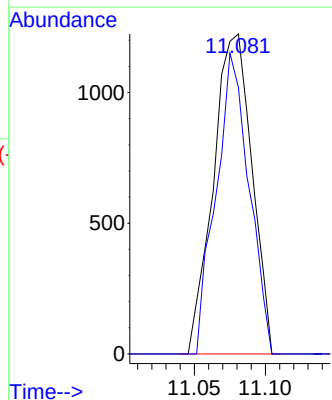
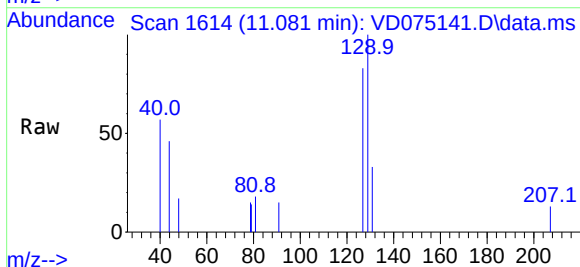
Instrument :
MSVOA_D
ClientSampleId :
MDL03

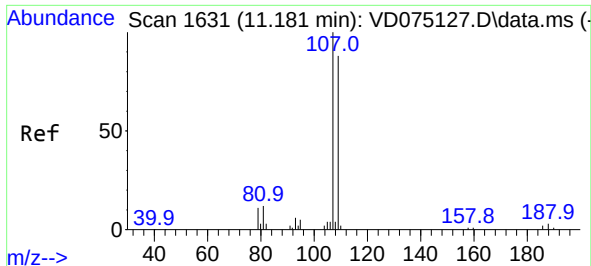
Tgt Ion: 43 Resp: 5200
Ion Ratio Lower Upper
43 100
58 49.0 26.8 80.4



#60
Dibromochloromethane
Concen: 2.574 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 129 Resp: 2314
Ion Ratio Lower Upper
129 100
127 80.3 38.9 116.6

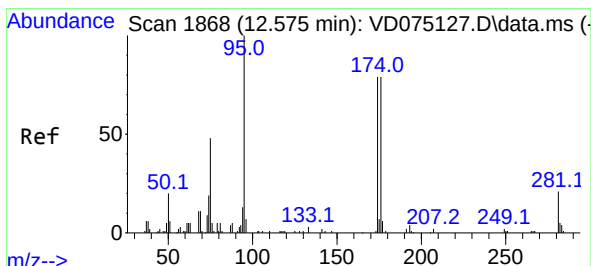
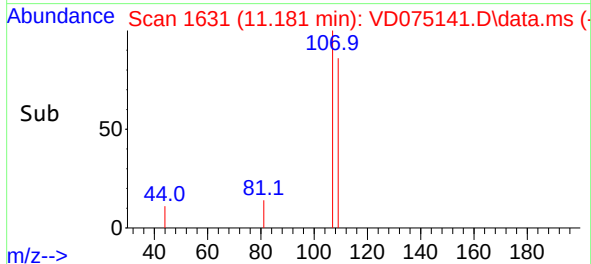
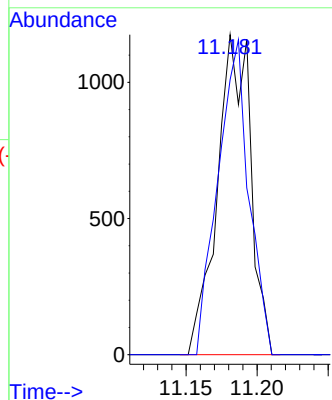
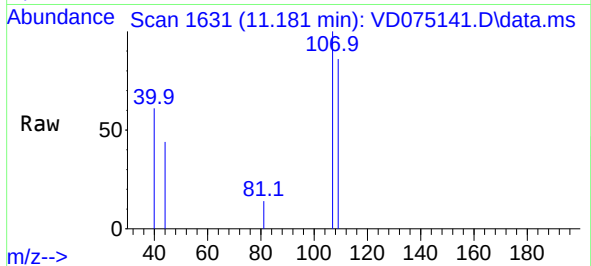




#61
1,2-Dibromoethane
Concen: 2.694 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

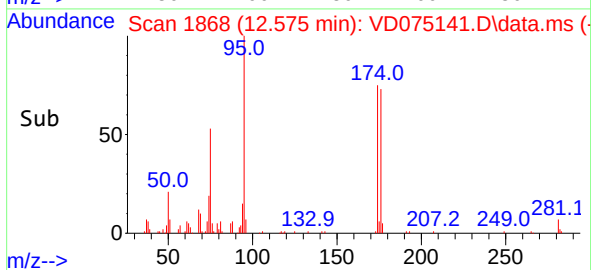
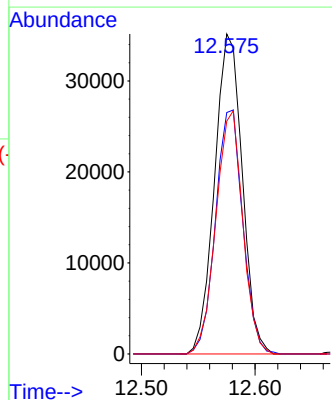
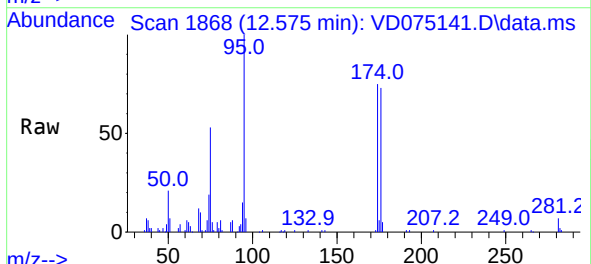
Instrument :
MSVOA_D
ClientSampleId :
MDL03

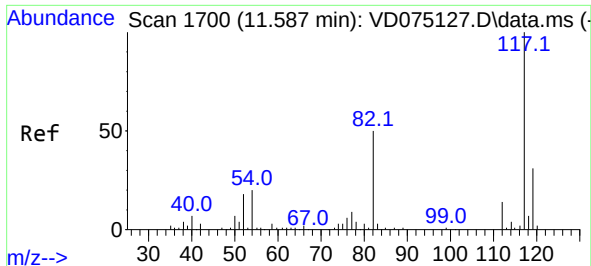
Tgt Ion:107 Resp: 1920
Ion Ratio Lower Upper
107 100
109 91.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.262 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 95 Resp: 59475
Ion Ratio Lower Upper
95 100
174 75.1 0.0 161.2
176 73.8 0.0 160.2

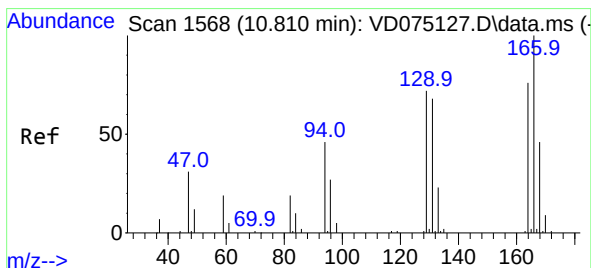
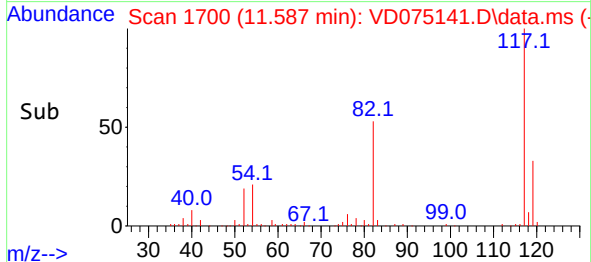
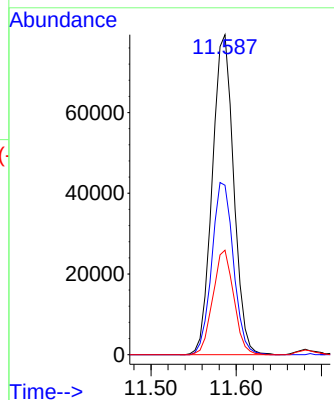
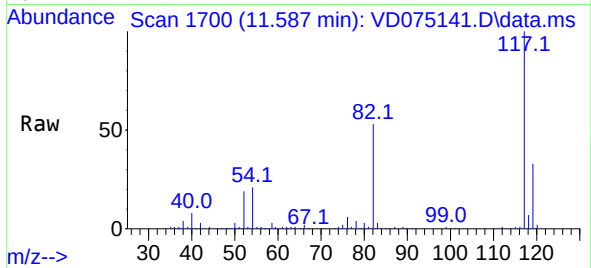




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

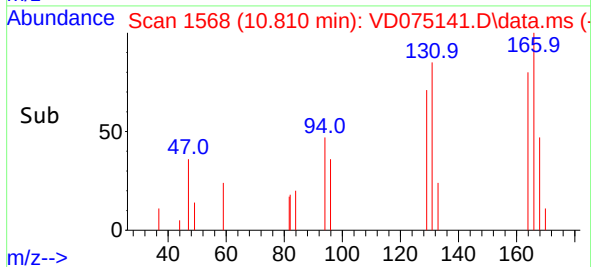
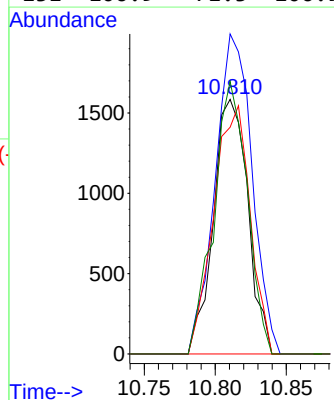
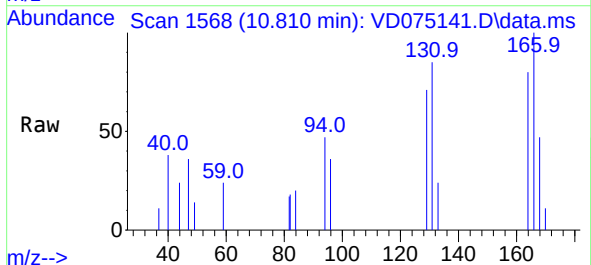
Instrument :
MSVOA_D
ClientSampleId :
MDL03

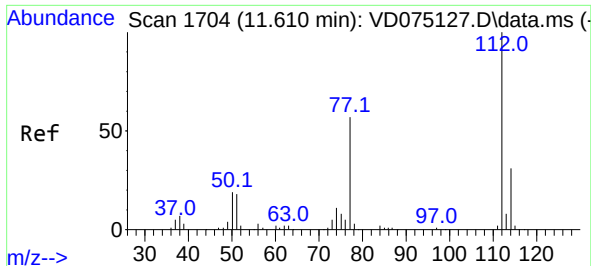
Tgt Ion:117 Resp: 138266
Ion Ratio Lower Upper
117 100
82 53.0 39.6 59.4
119 32.7 24.6 37.0



#64
Tetrachloroethene
Concen: 2.717 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:164 Resp: 2683
Ion Ratio Lower Upper
164 100
166 125.7 105.3 157.9
129 89.0 76.2 114.4
131 106.9 71.3 106.9#

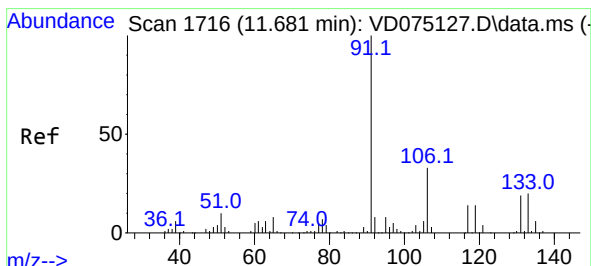
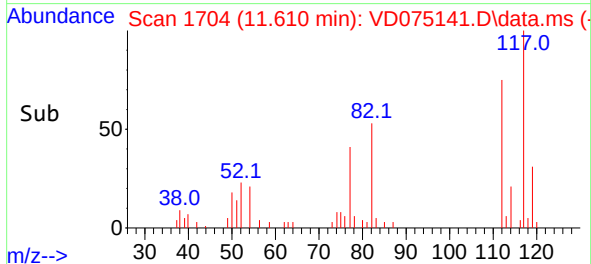
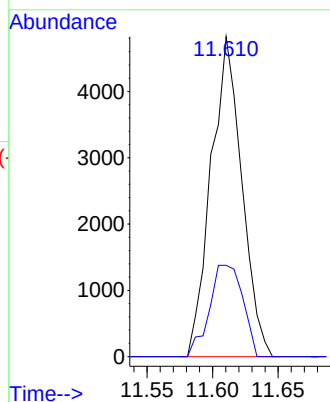
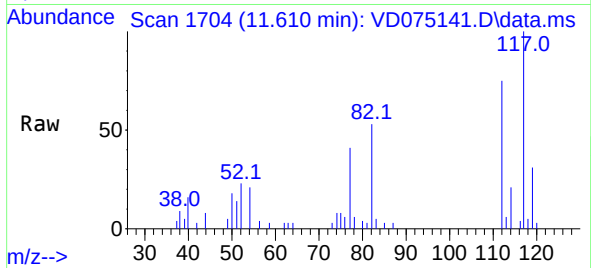




#65
Chlorobenzene
Concen: 2.781 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

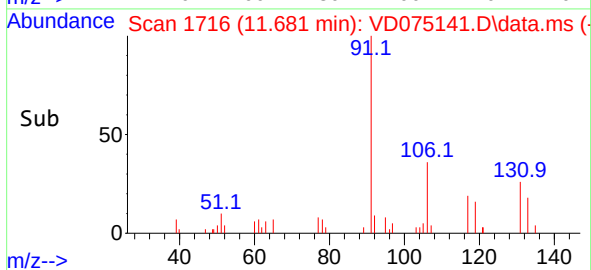
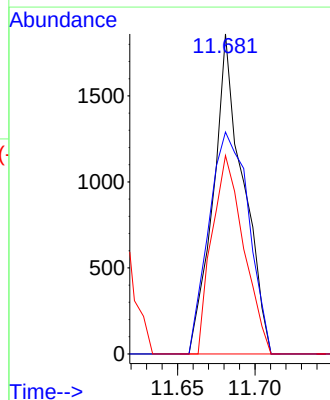
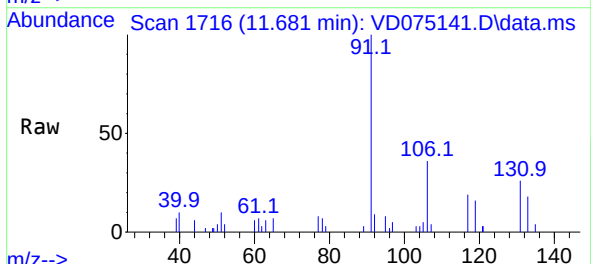
Instrument :
MSVOA_D
ClientSampleId :
MDL03

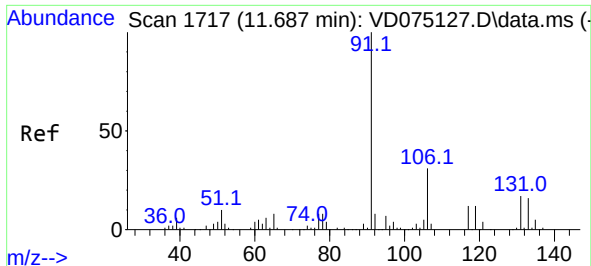
Tgt Ion:112 Resp: 7880
Ion Ratio Lower Upper
112 100
114 28.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 2.620 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:131 Resp: 2497
Ion Ratio Lower Upper
131 100
133 92.3 49.0 147.2
119 65.8 34.8 104.5

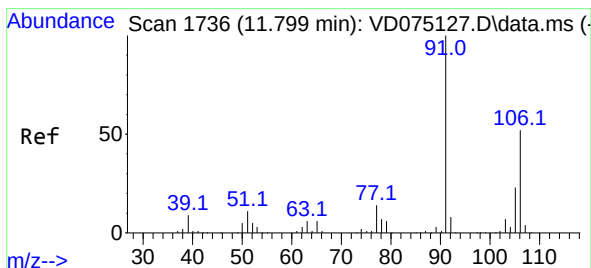
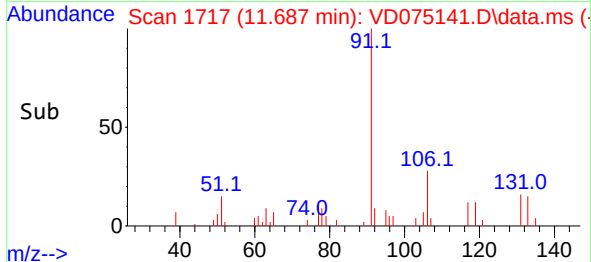
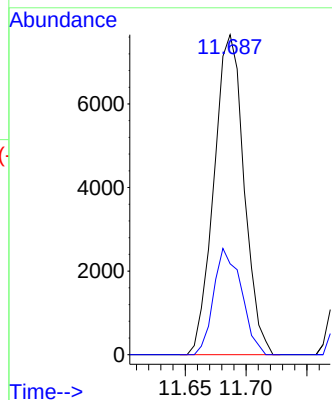
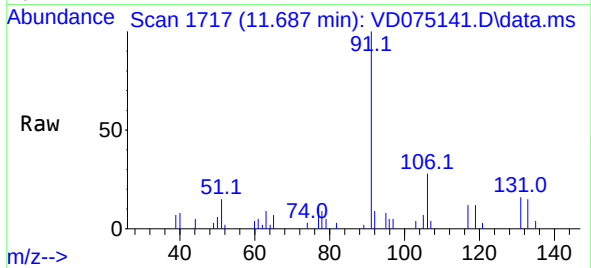




#67
Ethyl Benzene
Concen: 2.578 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

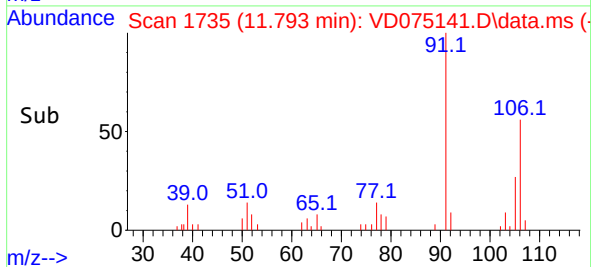
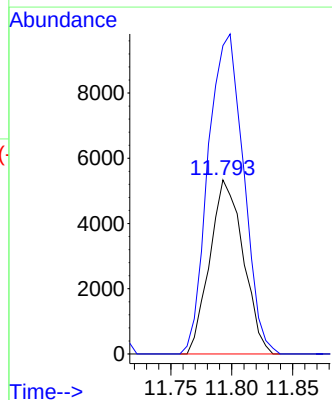
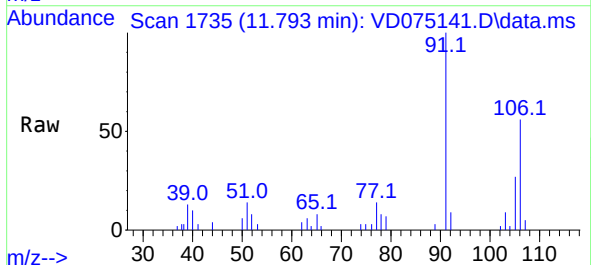
Instrument :
MSVOA_D
ClientSampleId :
MDL03

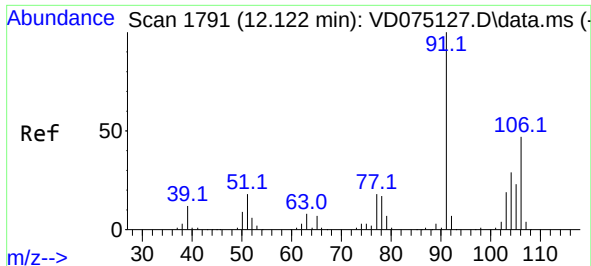
Tgt Ion: 91 Resp: 13146
Ion Ratio Lower Upper
91 100
106 28.4 25.0 37.6



#68
m/p-Xylenes
Concen: 5.188 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:106 Resp: 10220
Ion Ratio Lower Upper
106 100
91 194.1 160.3 240.5

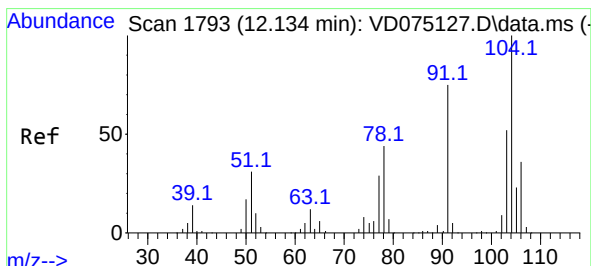
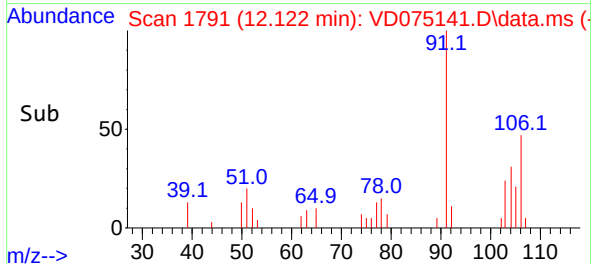
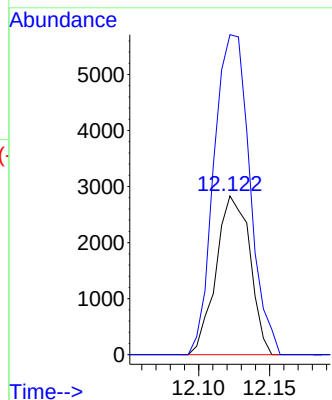
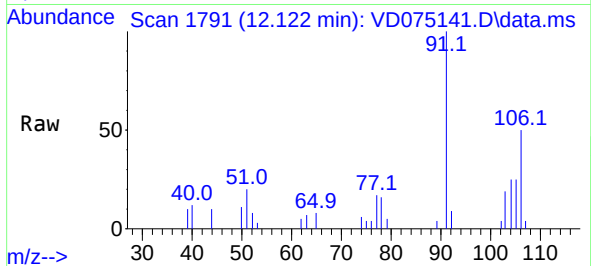




#69
o-Xylene
Concen: 2.547 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

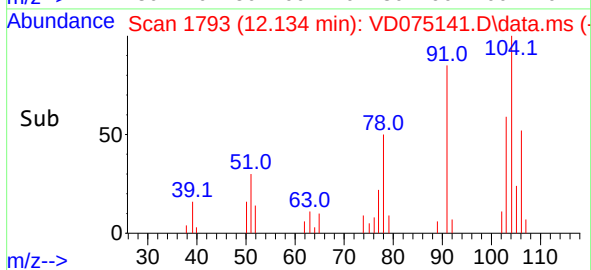
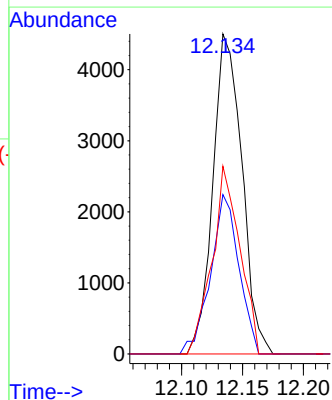
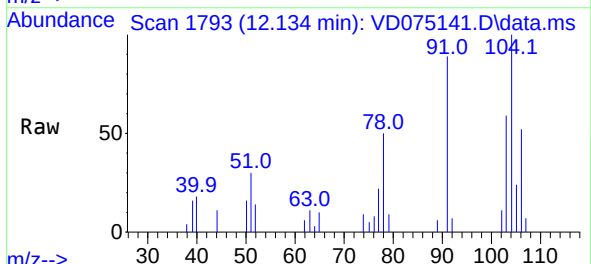
Instrument :
MSVOA_D
ClientSampleId :
MDL03

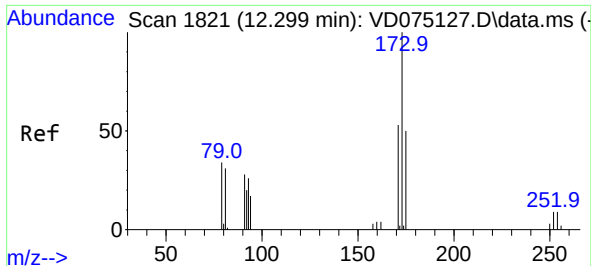
Tgt Ion:106 Resp: 4706
Ion Ratio Lower Upper
106 100
91 212.8 103.6 310.9



#70
Styrene
Concen: 2.431 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:104 Resp: 7469
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 56.2 43.6 65.4

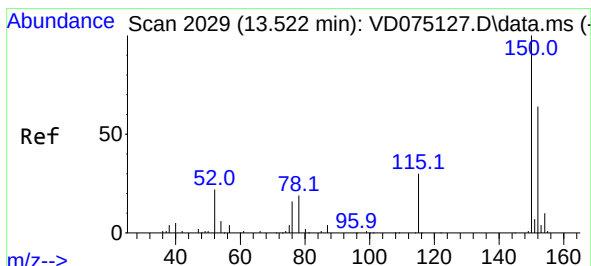
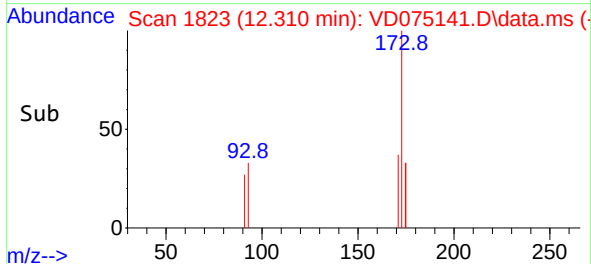
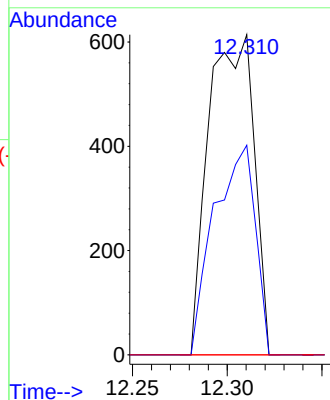
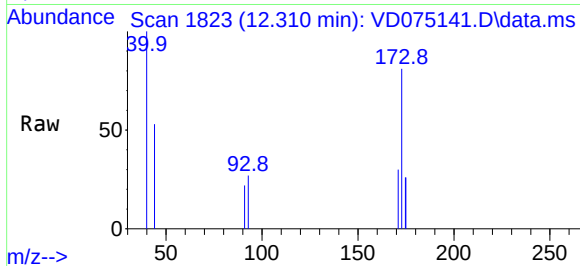




#71
Bromoform
Concen: 2.073 ug/l
RT: 12.310 min Scan# 1823
Delta R.T. 0.012 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

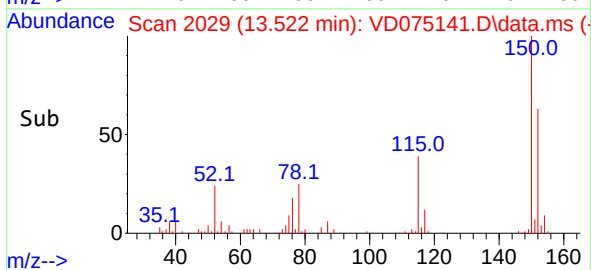
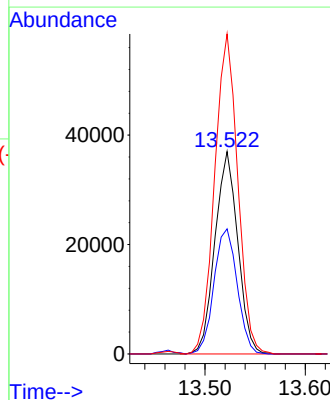
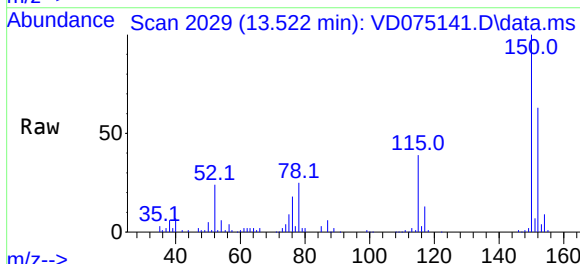
Instrument :
MSVOA_D
ClientSampleId :
MDL03

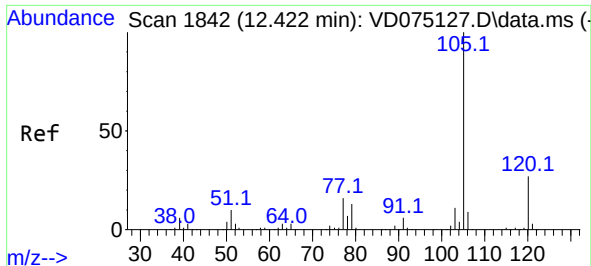
Tgt Ion:173 Resp: 1020
Ion Ratio Lower Upper
173 100
175 59.4 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:152 Resp: 58440
Ion Ratio Lower Upper
152 100
115 63.1 28.8 86.4
150 159.8 0.0 348.6

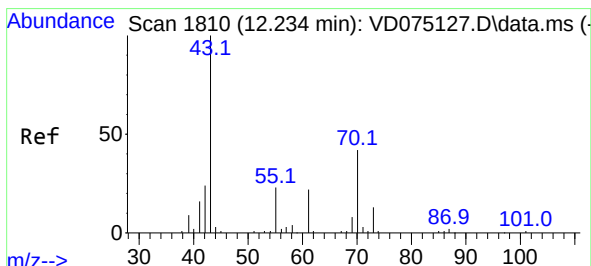
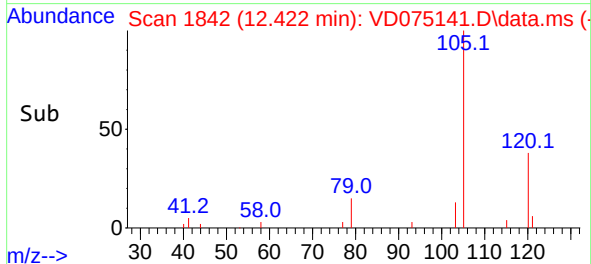
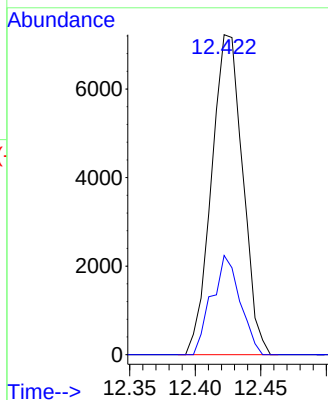
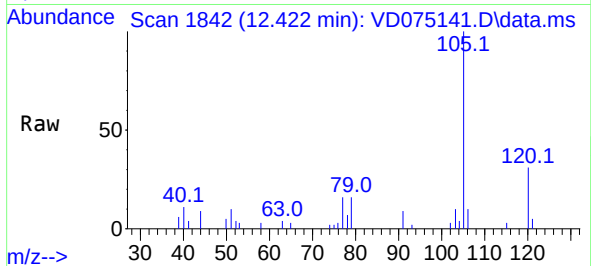




#73
Isopropylbenzene
Concen: 2.594 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

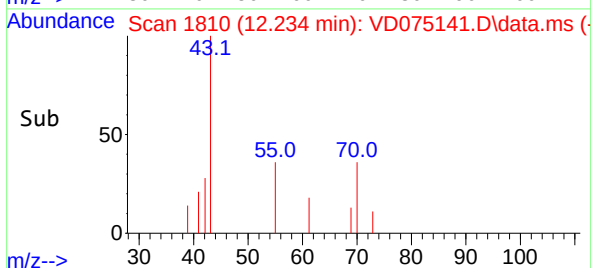
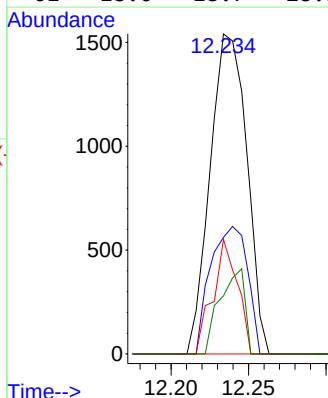
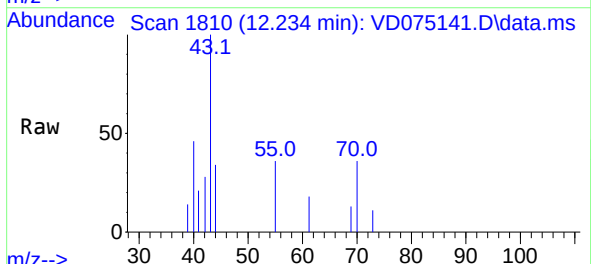
Instrument :
MSVOA_D
ClientSampleId :
MDL03

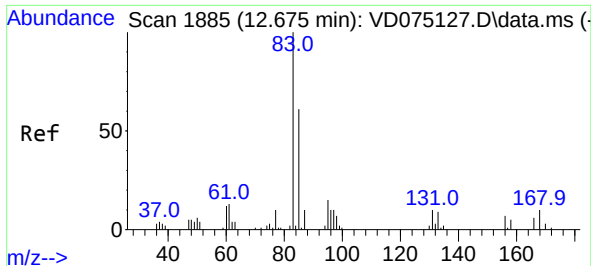
Tgt Ion:105 Resp: 11973
Ion Ratio Lower Upper
105 100
120 28.1 13.7 41.1



#74
N-ethyl acetate
Concen: 2.512 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
70 40.1 32.6 49.0
55 24.0 17.8 26.8
61 18.0 18.7 28.1#

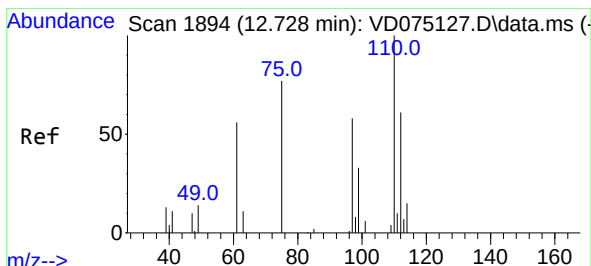
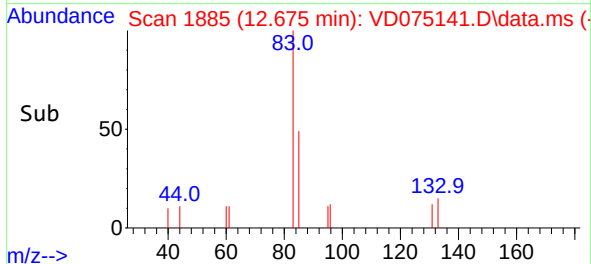
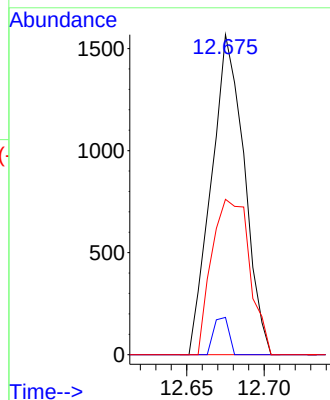
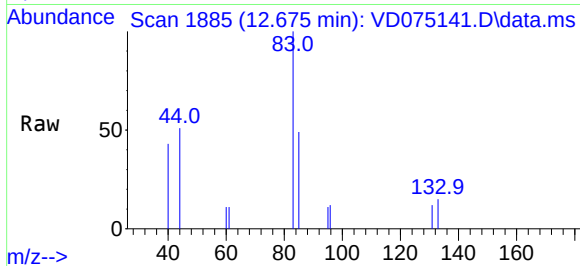




#75
1,1,2,2-Tetrachloroethane
Concen: 3.138 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

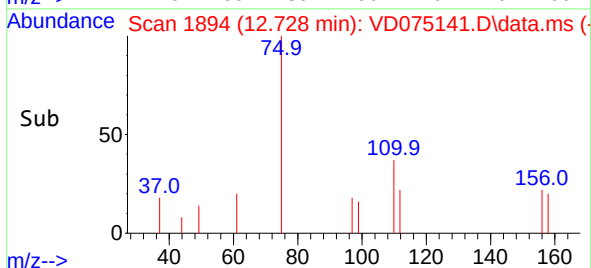
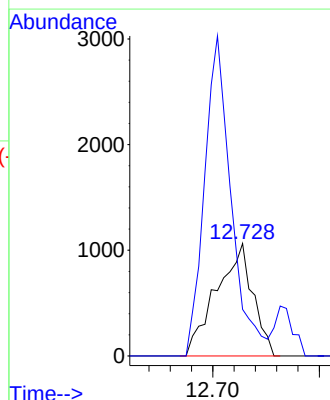
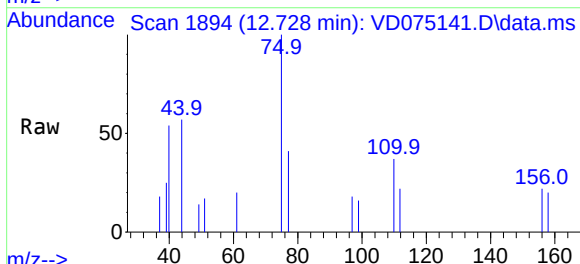
Instrument :
MSVOA_D
ClientSampleId :
MDL03

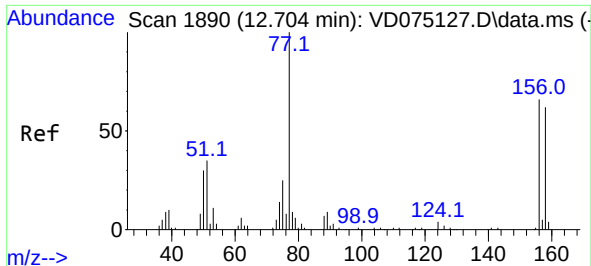
Tgt Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
131 5.4 4.9 14.6
85 56.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 5.108 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 75 Resp: 2528
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

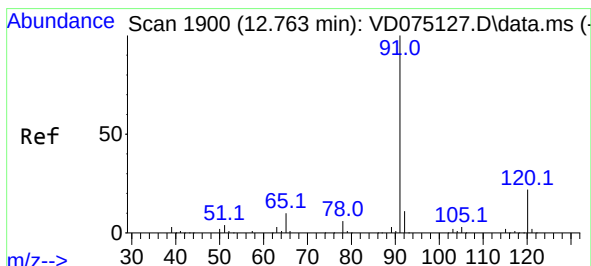
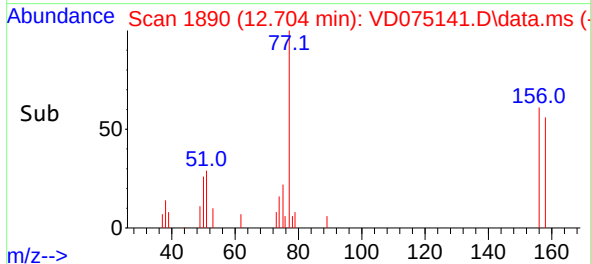
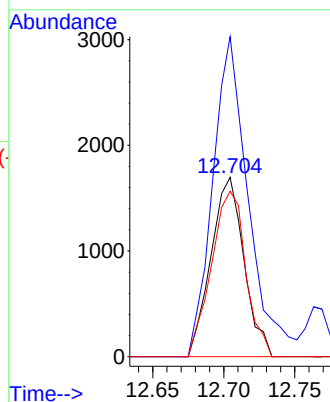
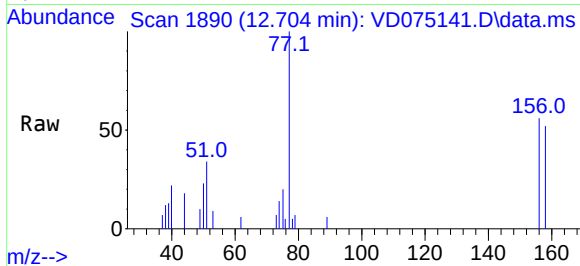




#77
Bromobenzene
Concen: 2.597 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

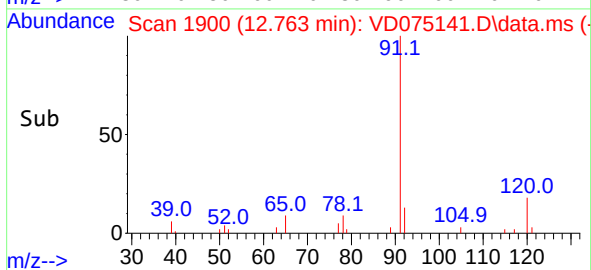
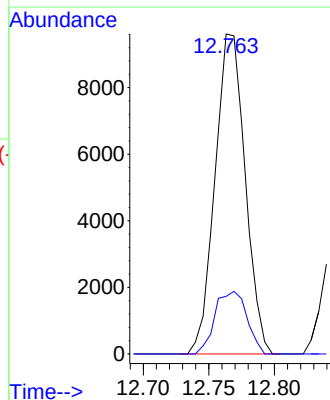
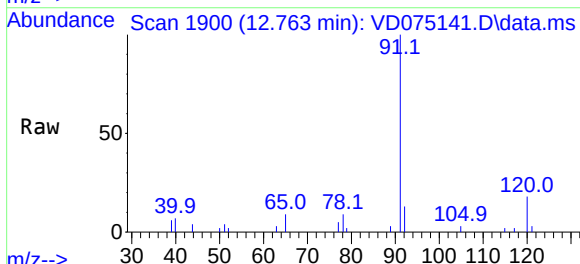
Instrument :
MSVOA_D
ClientSampleId :
MDL03

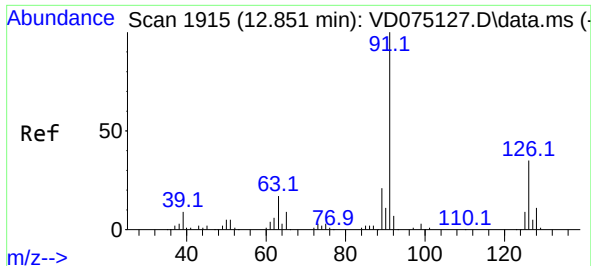
Tgt Ion:156 Resp: 2738
Ion Ratio Lower Upper
156 100
77 192.6 85.6 256.8
158 95.9 47.3 141.9



#78
n-propylbenzene
Concen: 2.710 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 91 Resp: 15374
Ion Ratio Lower Upper
91 100
120 20.6 11.7 35.0





#79

2-Chlorotoluene

Concen: 2.742 ug/l

RT: 12.857 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

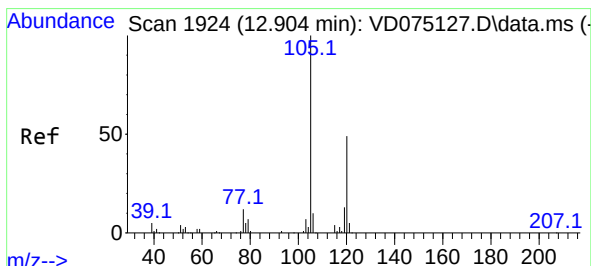
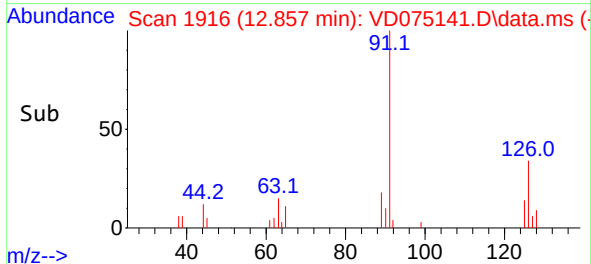
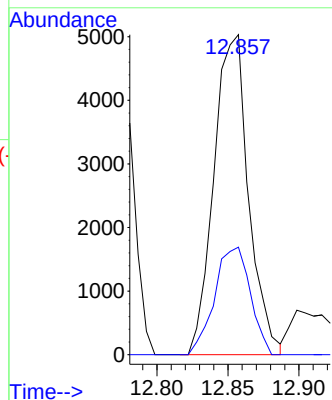
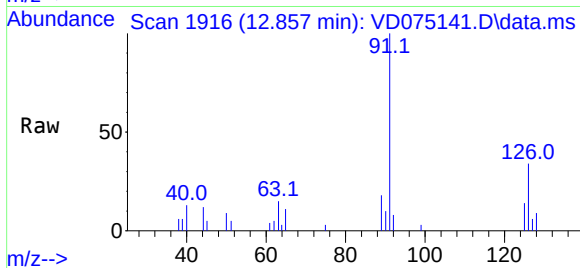
MDL03

Tgt Ion: 91 Resp: 8556

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 2.584 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075141.D

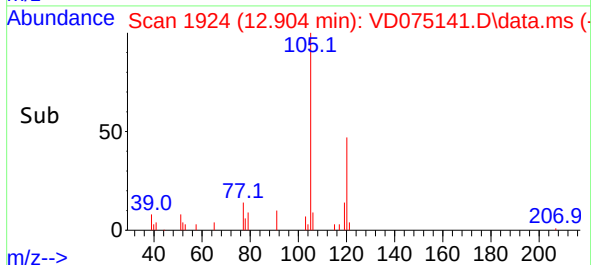
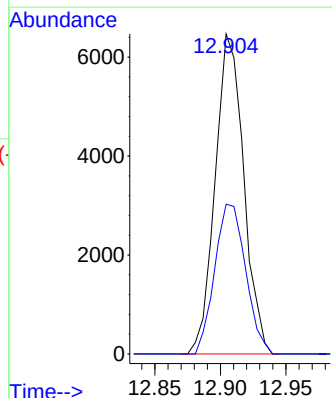
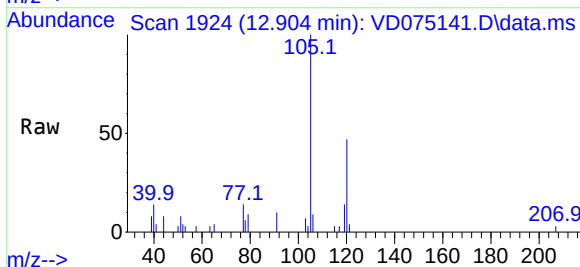
Acq: 19 Jan 2023 15:04

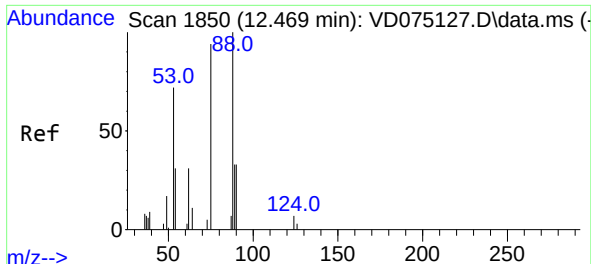
Tgt Ion: 105 Resp: 9774

Ion Ratio Lower Upper

105 100

120 50.7 24.6 73.8

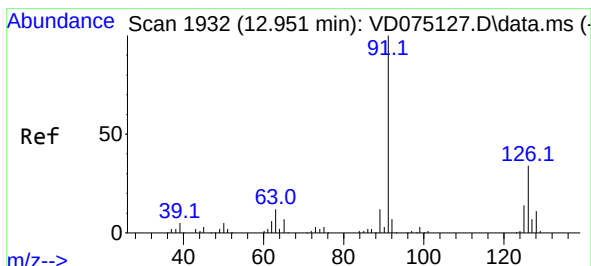
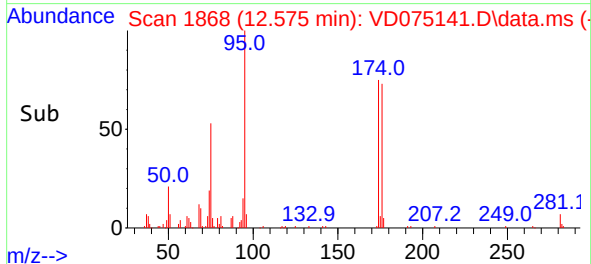
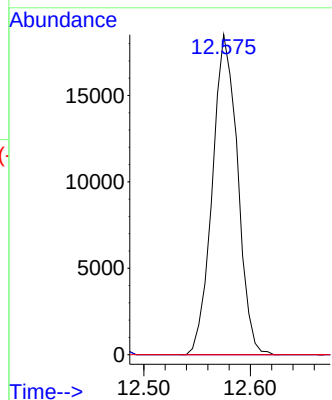
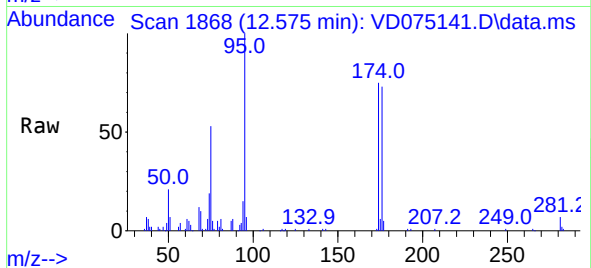




#81
trans-1,4-Dichloro-2-butene
Concen: 142.935 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

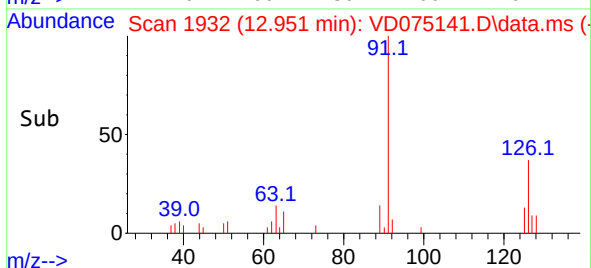
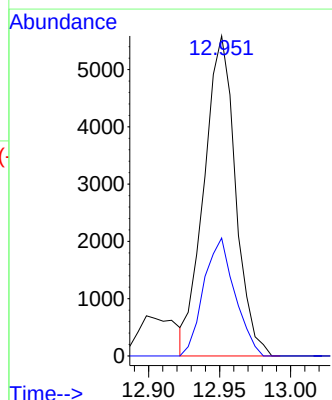
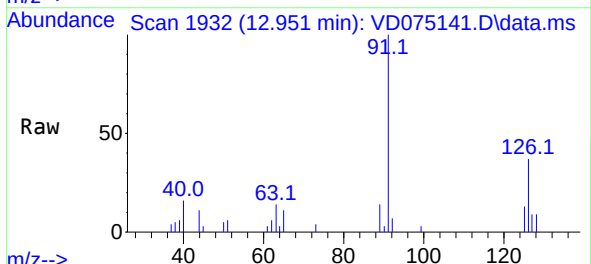
Instrument :
MSVOA_D
ClientSampleId :
MDL03

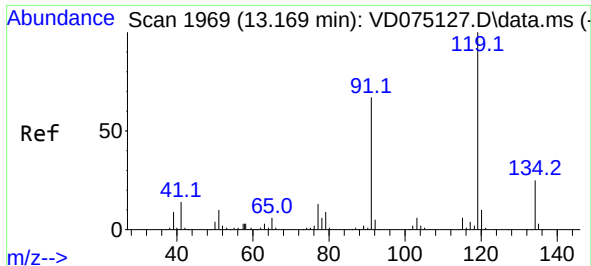
Tgt Ion: 75 Resp: 30499
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 2.685 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion: 91 Resp: 8614
Ion Ratio Lower Upper
91 100
126 36.4 17.3 52.0

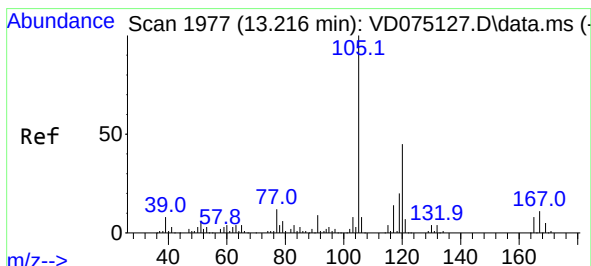
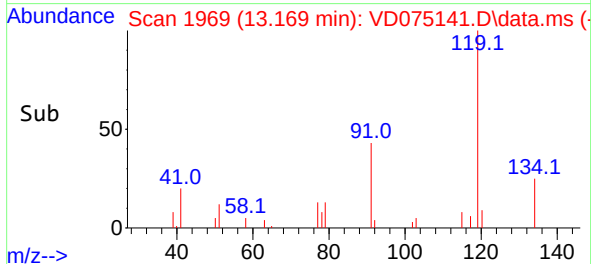
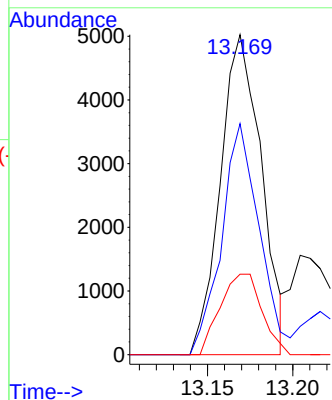
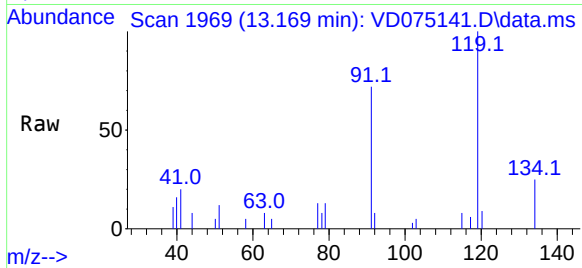




#83
tert-Butylbenzene
Concen: 2.570 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

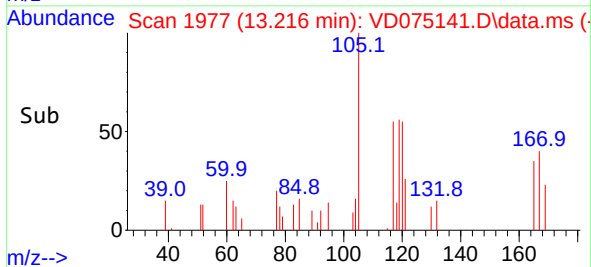
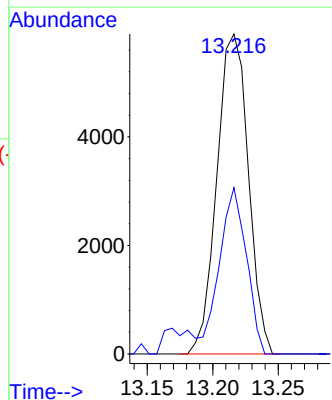
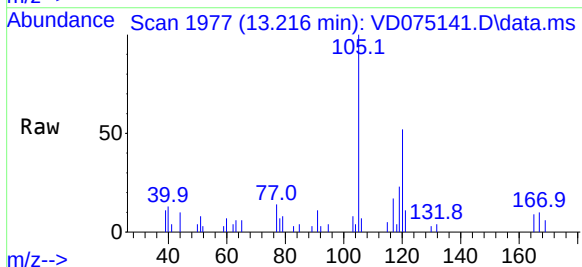
Instrument :
MSVOA_D
ClientSampleId :
MDL03

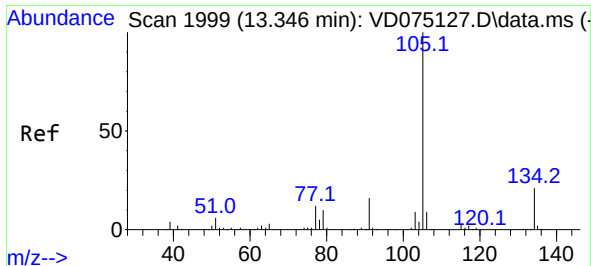
Tgt Ion:119 Resp: 8411
Ion Ratio Lower Upper
119 100
91 66.6 32.9 98.6
134 25.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 2.647 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:105 Resp: 9833
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.5

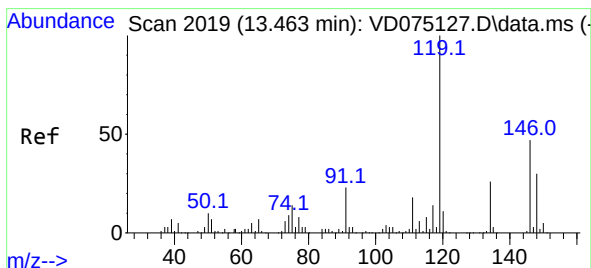
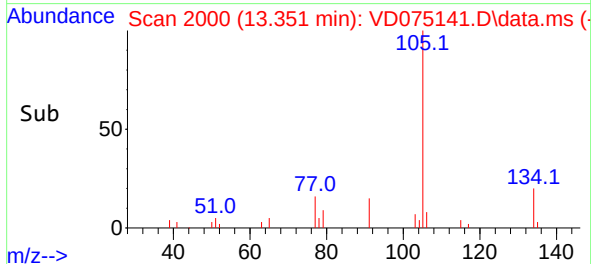
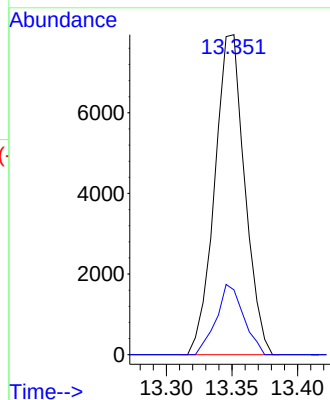
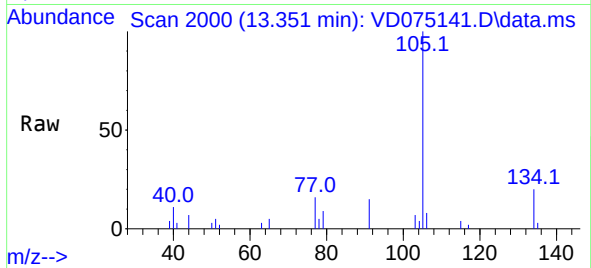




#85
 sec-Butylbenzene
 Concen: 2.547 ug/l
 RT: 13.351 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075141.D
 Acq: 19 Jan 2023 15:04

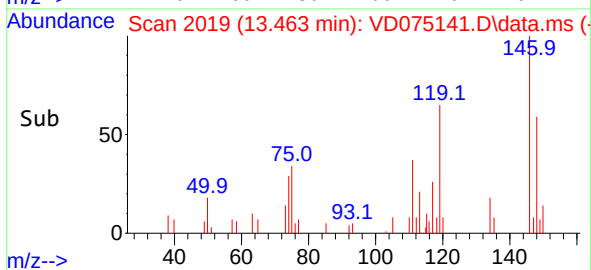
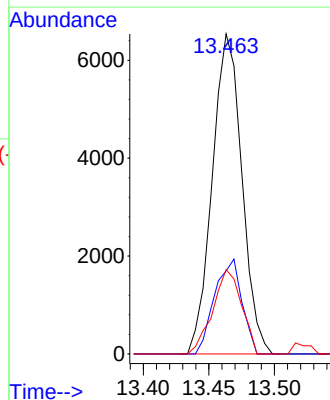
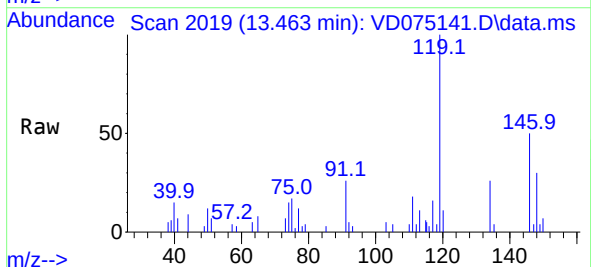
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

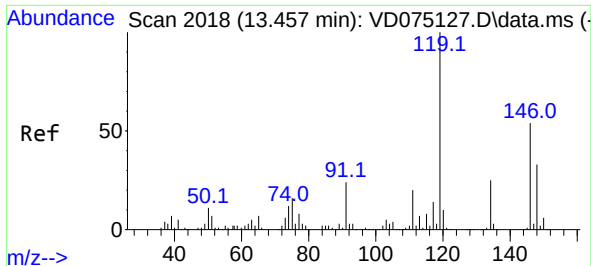
Tgt Ion:105 Resp: 12663
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 2.521 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075141.D
 Acq: 19 Jan 2023 15:04

Tgt Ion:119 Resp: 10260
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 25.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 2.706 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

MDL03

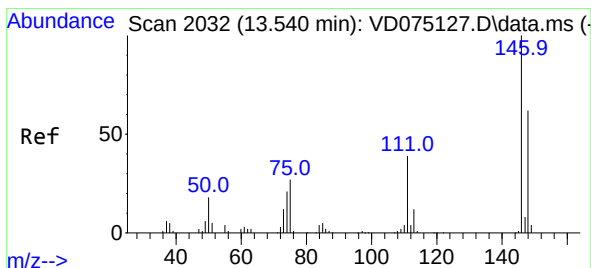
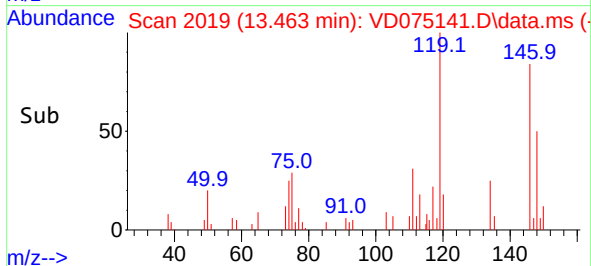
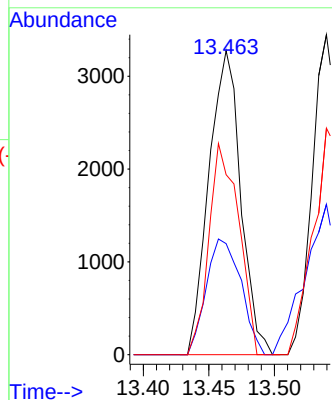
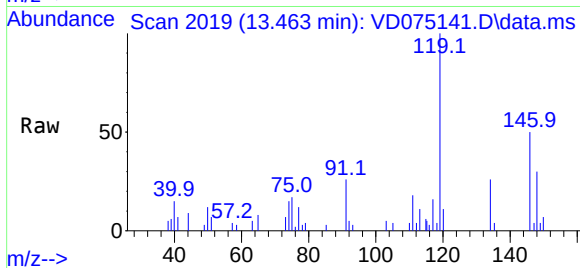
Tgt Ion:146 Resp: 5530

Ion Ratio Lower Upper

146 100

111 41.5 18.9 56.9

148 65.2 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 2.796 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

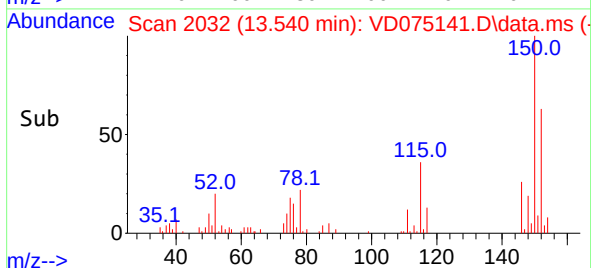
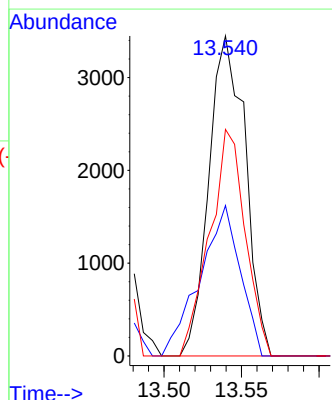
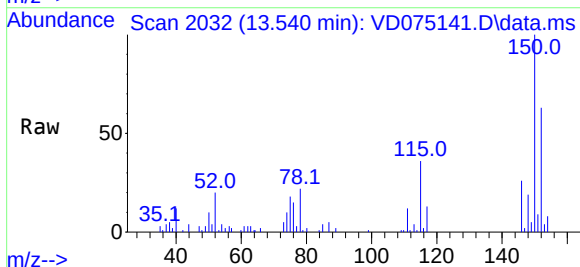
Tgt Ion:146 Resp: 5622

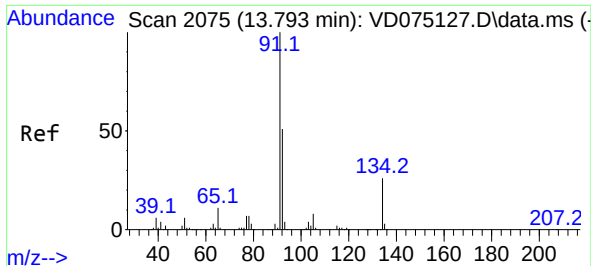
Ion Ratio Lower Upper

146 100

111 52.2 19.7 59.1

148 69.5 31.9 95.5





#89

n-Butylbenzene

Concen: 2.787 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

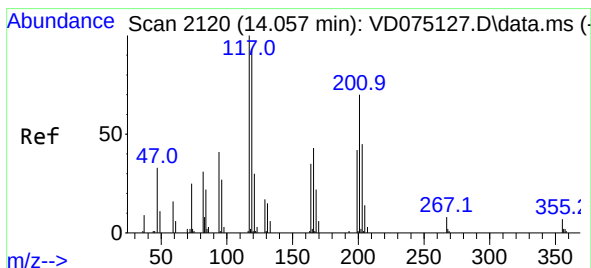
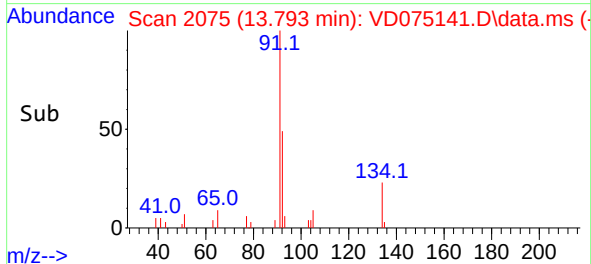
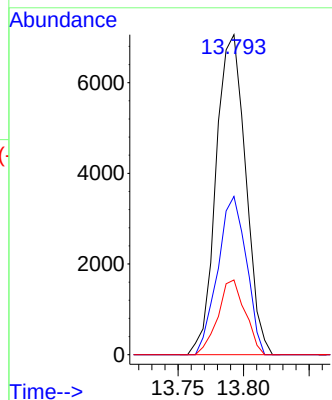
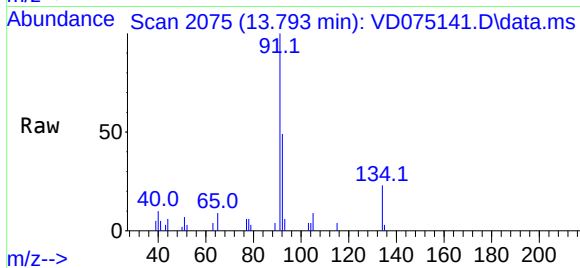
Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion:	91	Resp:	11051
Ion	Ratio	Lower	Upper
91	100		
92	47.9	26.8	80.3
134	21.5	13.3	39.8



#90

Hexachloroethane

Concen: 2.402 ug/l

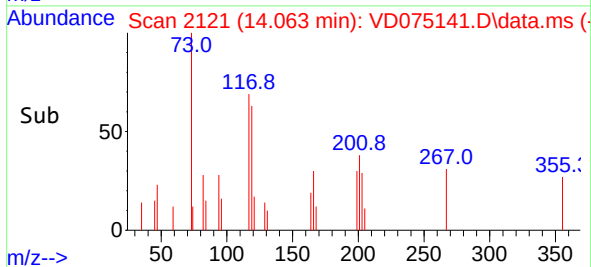
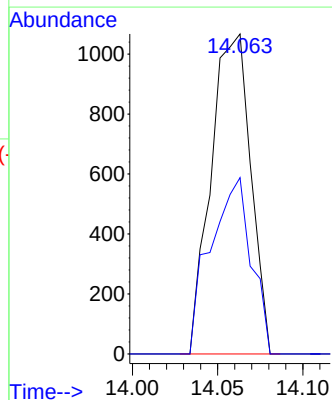
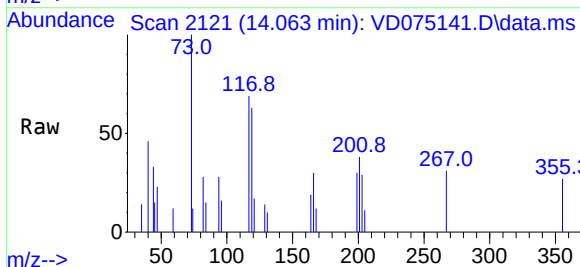
RT: 14.063 min Scan# 2121

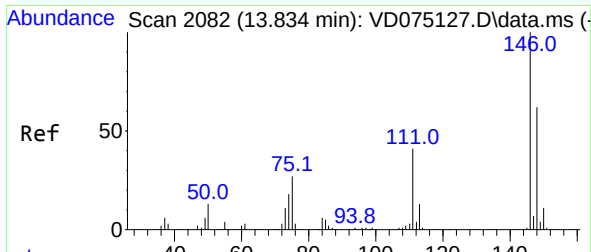
Delta R.T. 0.006 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Tgt Ion:	117	Resp:	1726
Ion	Ratio	Lower	Upper
117	100		
201	56.7	35.1	105.5





#91

1,2-Dichlorobenzene

Concen: 2.638 ug/l

RT: 13.840 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

MDL03

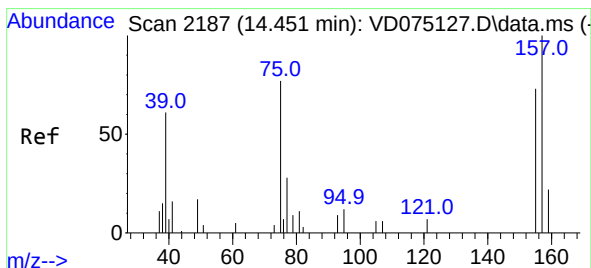
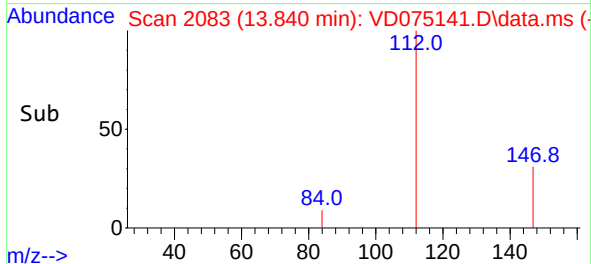
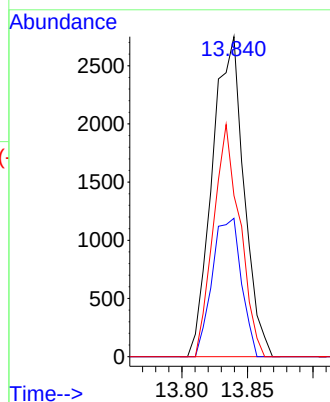
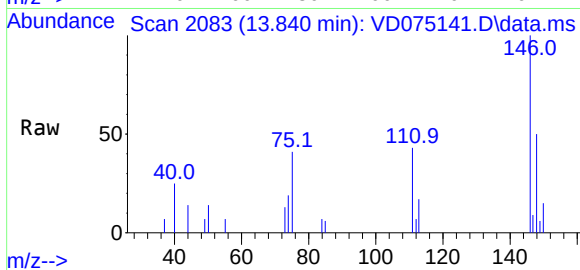
Tgt Ion:146 Resp: 4613

Ion Ratio Lower Upper

146 100

111 39.6 20.4 61.2

148 60.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.734 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075141.D

Acq: 19 Jan 2023 15:04

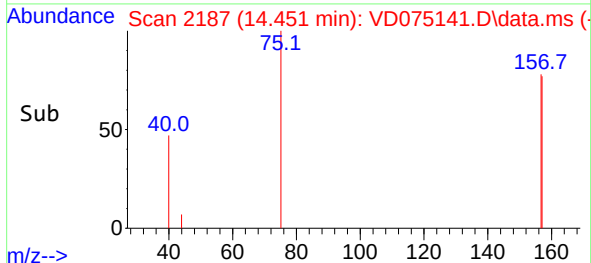
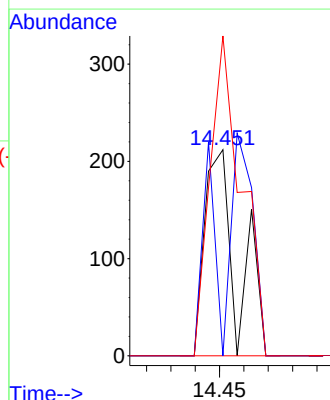
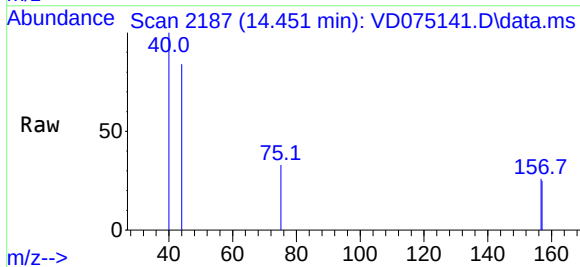
Tgt Ion: 75 Resp: 195

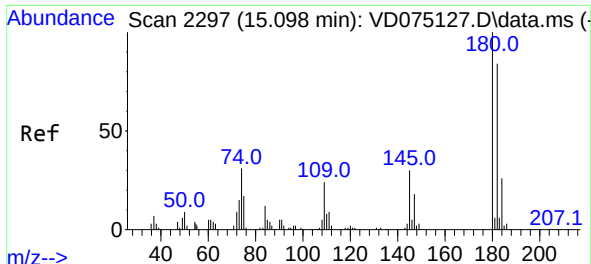
Ion Ratio Lower Upper

75 100

155 112.3 43.4 130.2

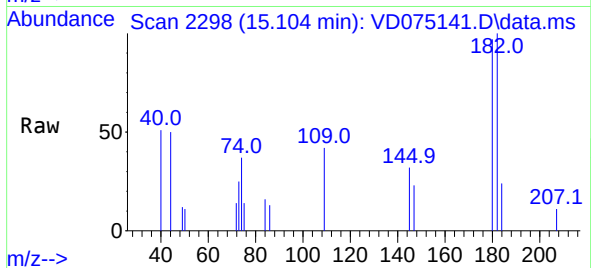
157 151.8 56.4 169.2



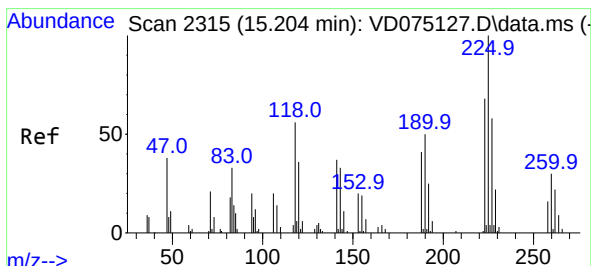
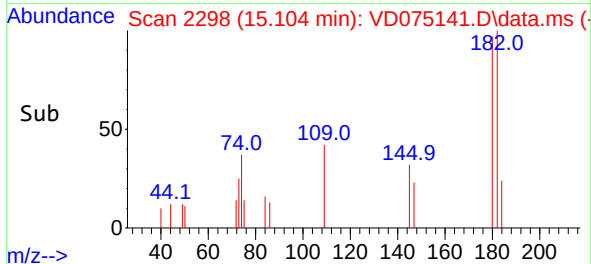
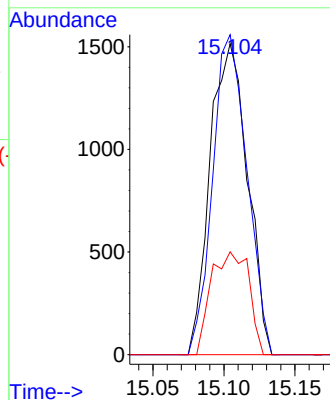


#93
1,2,4-Trichlorobenzene
Concen: 2.419 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
MDL03

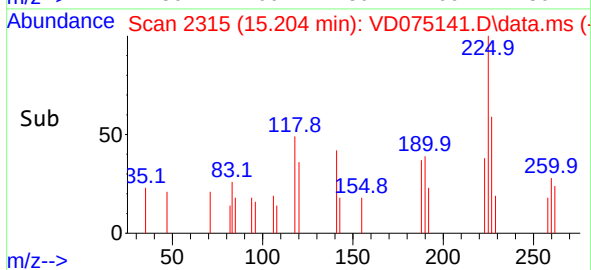
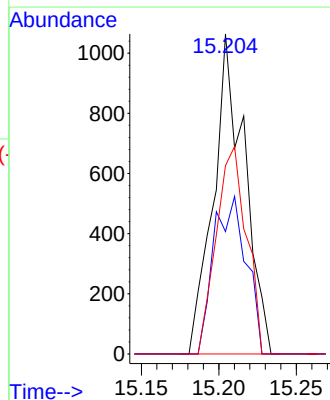
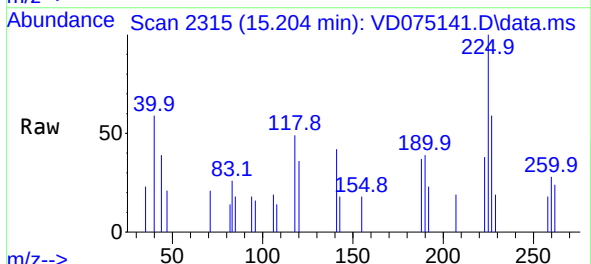


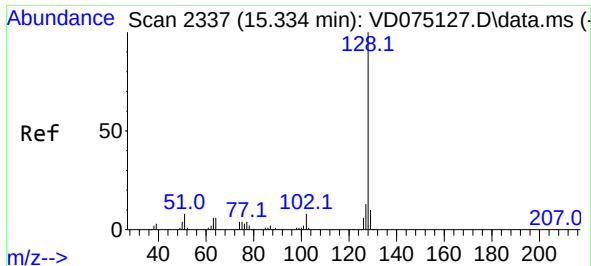
Tgt Ion:180 Resp: 2777
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 33.4 15.8 47.4



#94
Hexachlorobutadiene
Concen: 2.641 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:225 Resp: 1486
Ion Ratio Lower Upper
225 100
223 51.3 31.8 95.4
227 62.8 30.7 92.1

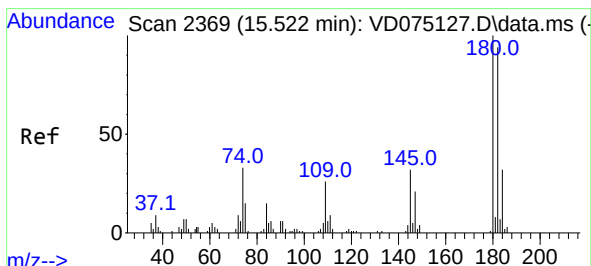
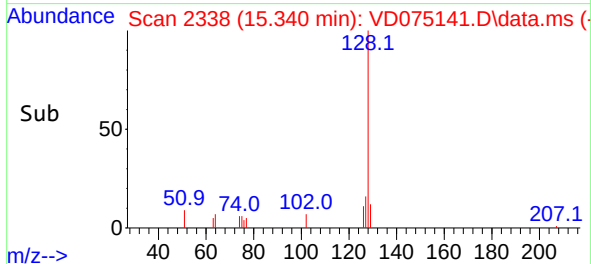
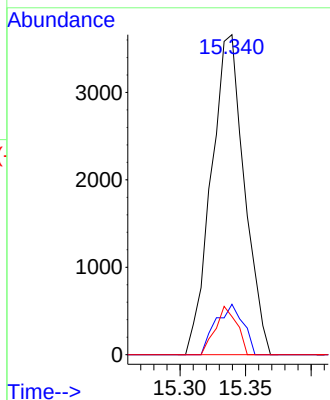
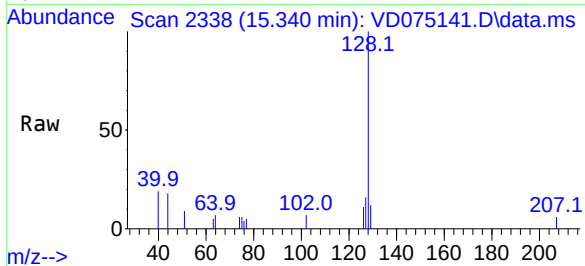




#95
Naphthalene
Concen: 2.806 ug/l
RT: 15.340 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion:	128	Resp:	6415
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	9.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.632 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075141.D
Acq: 19 Jan 2023 15:04

Tgt Ion:	180	Resp:	2579
Ion	Ratio	Lower	Upper
180	100		
182	84.6	47.0	141.0
145	26.5	16.1	48.3

