

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072530.D
 Acq On : 05 Apr 2022 12:56
 Operator : VA/SY
 Sample : N2227-01
 Misc : 2.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124055

Quant Time: Apr 06 01:11:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

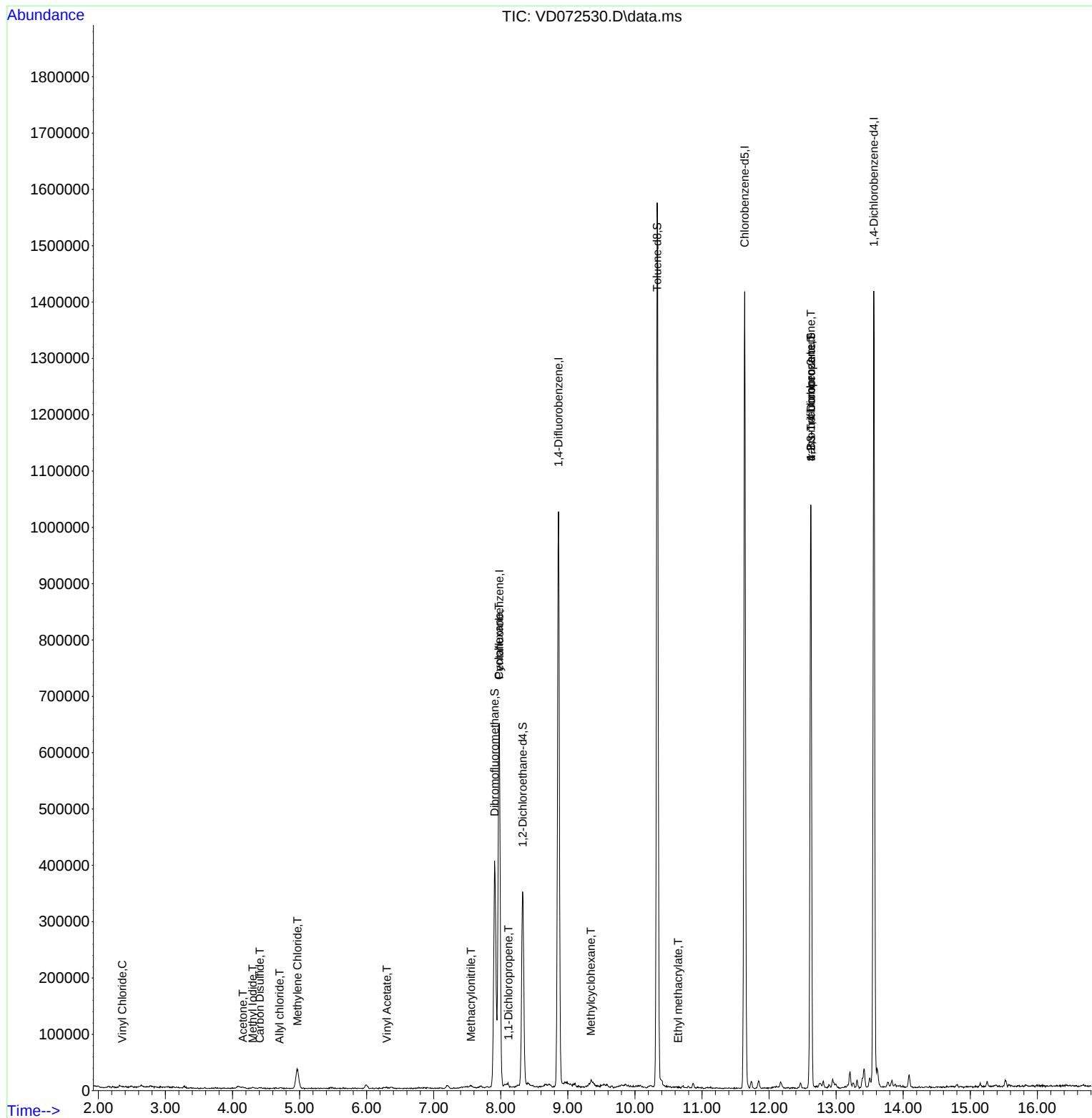
Internal Standards						
1) Pentafluorobenzene	7.979	168	479359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	883334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	823284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	373761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	274476	47.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.660%		
35) Dibromofluoromethane	7.908	113	286997	41.807	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.620%		
50) Toluene-d8	10.332	98	1075754	45.082	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.160%		
62) 4-Bromofluorobenzene	12.626	95	364357	39.097	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.200%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.356	62	1121	1.222	ug/l #	43
10) Methyl Iodide	4.303	142	1841	4.063	ug/l #	92
14) Allyl chloride	4.703	41	1370	1.304	ug/l #	51
16) Acetone	4.156	43	4626	4.278	ug/l #	84
17) Carbon Disulfide	4.409	76	3622	3.986	ug/l #	74
20) Methylene Chloride	4.967	84	27670	4.298	ug/l #	70
23) Vinyl Acetate	6.303	43	2299	6.530	ug/l #	75
31) Cyclohexane	7.973	56	12201	1.609	ug/l #	1
36) 1,1-Dichloropropene	8.114	75	2304	1.381	ug/l	94
39) Methylcyclohexane	9.344	83	1535	3.018	ug/l #	83
41) Methacrylonitrile	7.555	41	550	1.908	ug/l #	27
56) Ethyl methacrylate	10.644	69	1733	1.450	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	180798	44.352	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	180798	108.830	ug/l #	7

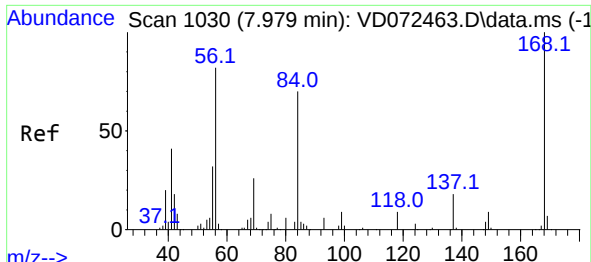
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD072530.D
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Operator : VA/SY
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
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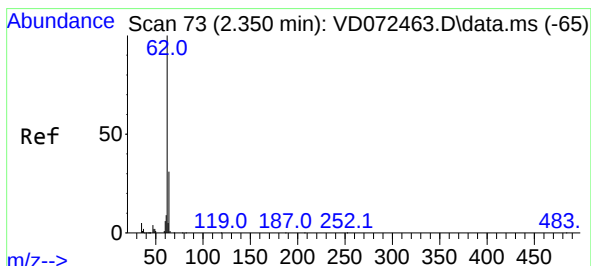
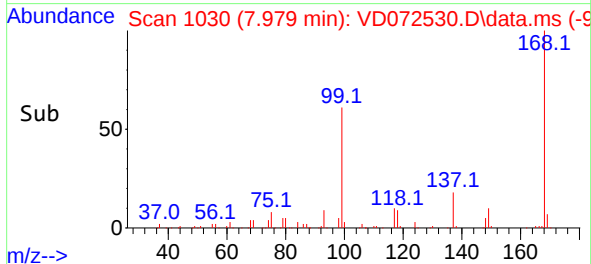
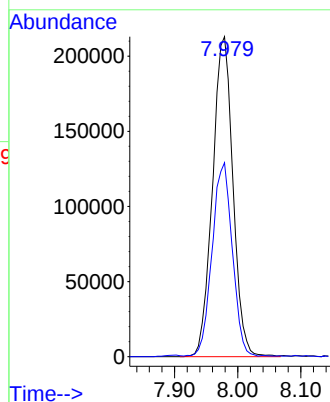
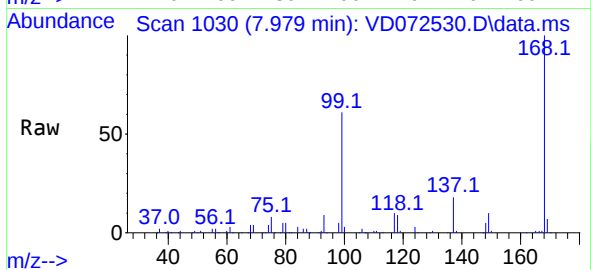




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

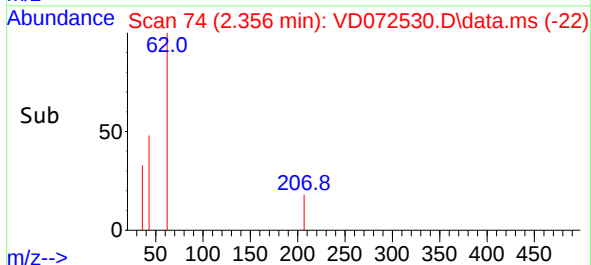
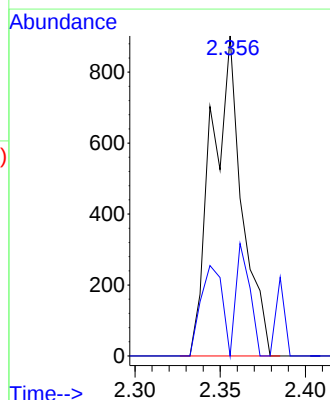
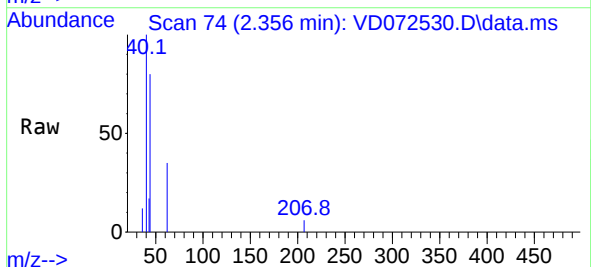
Instrument :
MSVOA_D
ClientSampleId :
124055

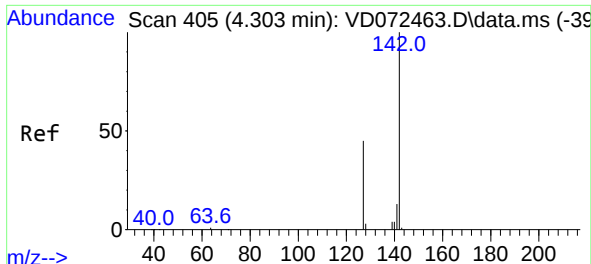
Tgt Ion:168 Resp: 479359
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#4
Vinyl Chloride
Concen: 1.222 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion: 62 Resp: 1121
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#





#10

Methyl Iodide

Concen: 4.063 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD072530.D

Acq: 05 Apr 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

124055

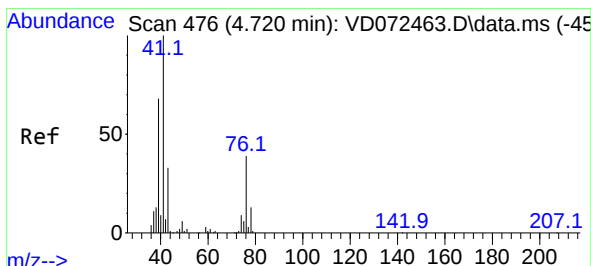
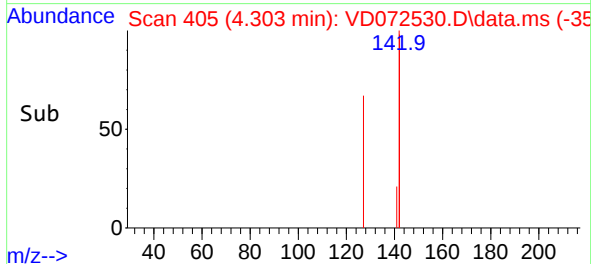
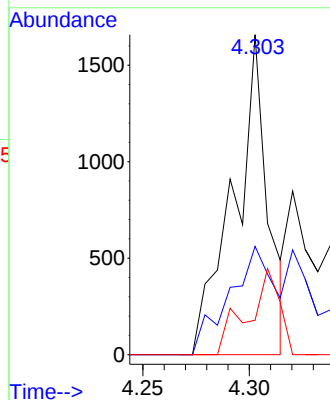
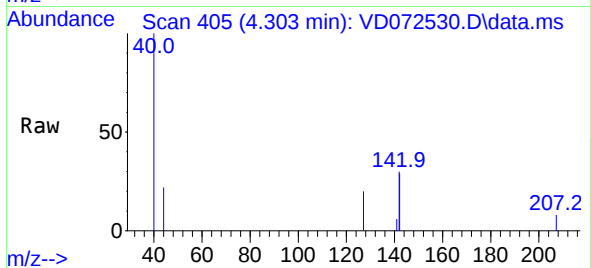
Tgt Ion:142 Resp: 1841

Ion Ratio Lower Upper

142 100

127 44.8 37.3 55.9

141 25.0 11.7 17.5#



#14

Allyl chloride

Concen: 1.304 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.017 min

Lab File: VD072530.D

Acq: 05 Apr 2022 12:56

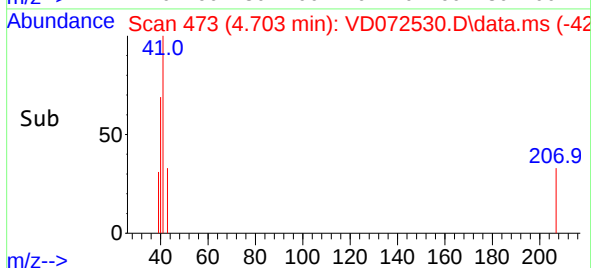
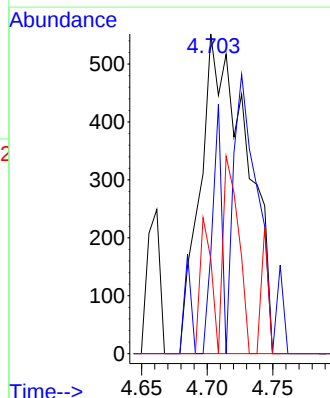
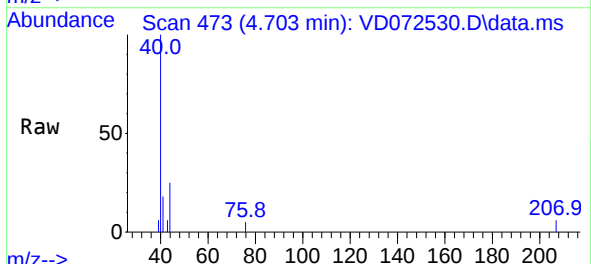
Tgt Ion: 41 Resp: 1370

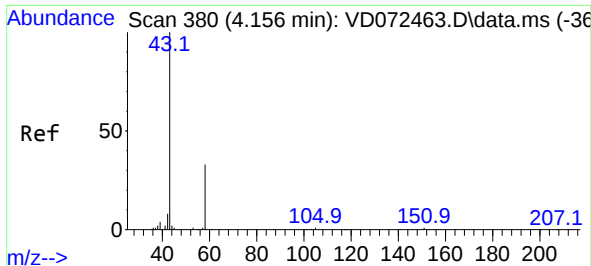
Ion Ratio Lower Upper

41 100

39 15.5 59.3 88.9#

76 30.5 25.7 38.5

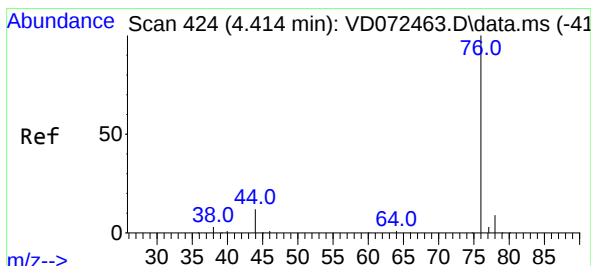
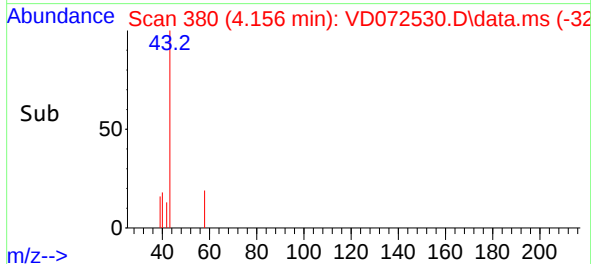
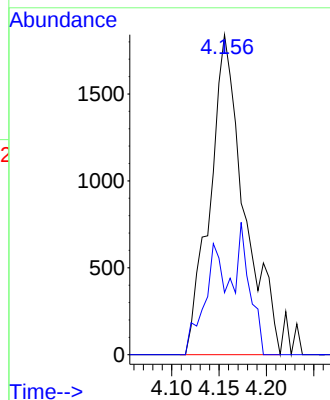
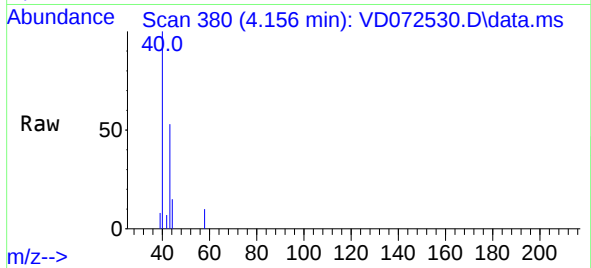




#16
Acetone
Concen: 4.278 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

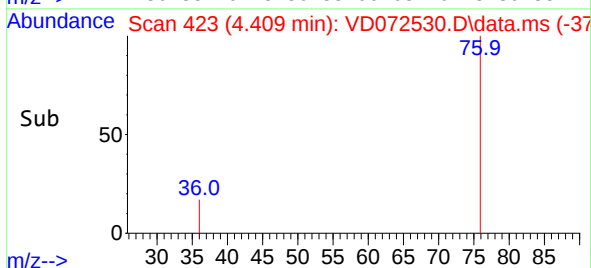
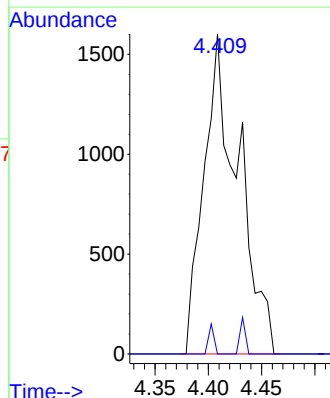
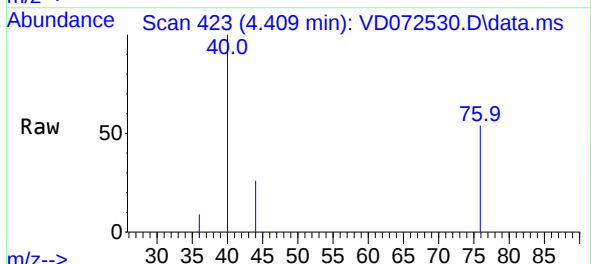
Instrument :
MSVOA_D
ClientSampleId :
124055

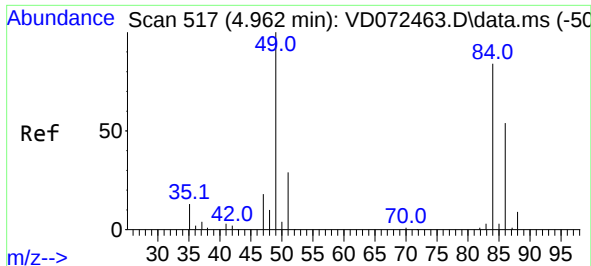
Tgt Ion: 43 Resp: 4626
Ion Ratio Lower Upper
43 100
58 19.4 22.1 33.1#



#17
Carbon Disulfide
Concen: 3.986 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion: 76 Resp: 3622
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



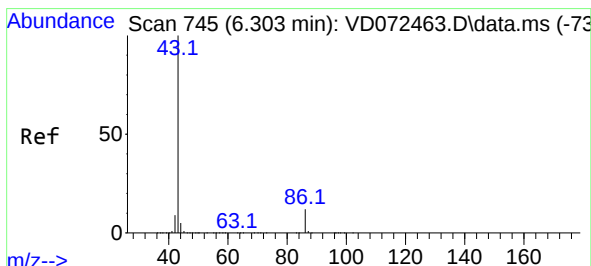
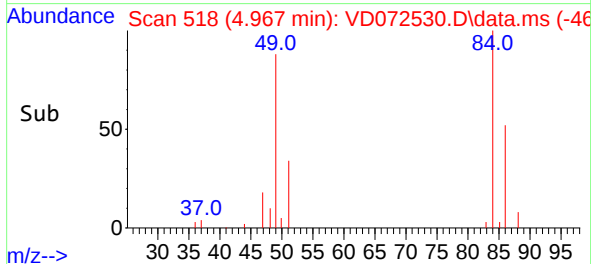
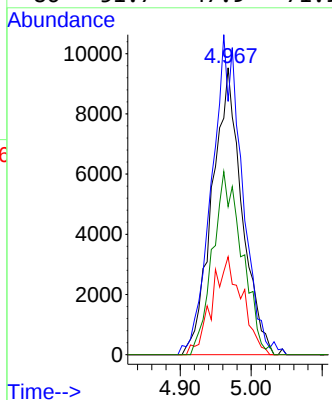
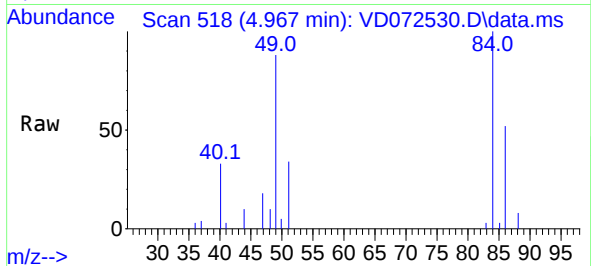


#20
Methylene Chloride
Concen: 4.298 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Instrument :
MSVOA_D
ClientSampleId :
124055

Tgt Ion: 84 Resp: 27670

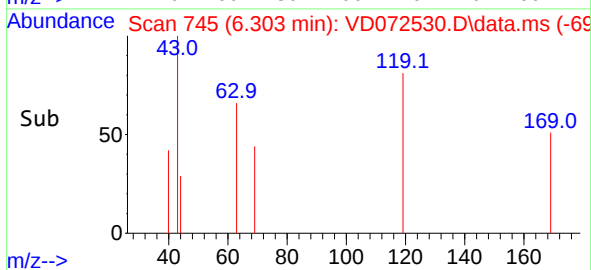
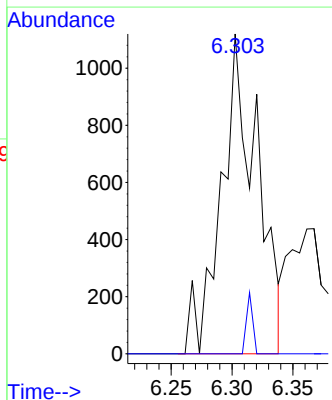
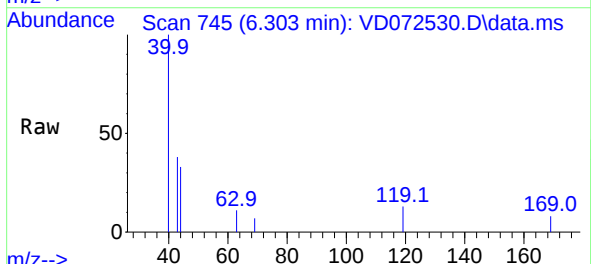
Ion	Ratio	Lower	Upper
84	100		
49	88.3	112.8	169.2#
51	34.1	32.6	48.8
86	51.7	47.9	71.9

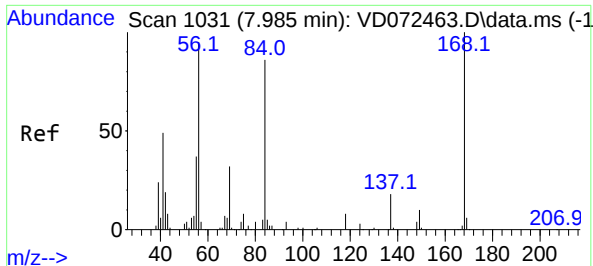


#23
Vinyl Acetate
Concen: 6.530 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion: 43 Resp: 2299

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#31

Cyclohexane

Concen: 1.609 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072530.D

Acq: 05 Apr 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

124055

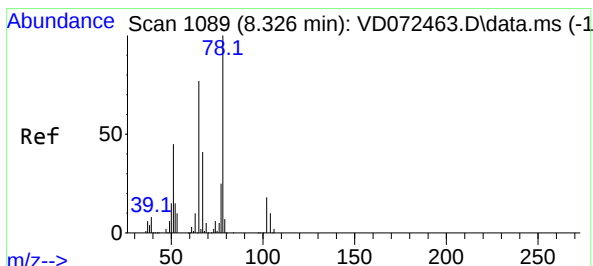
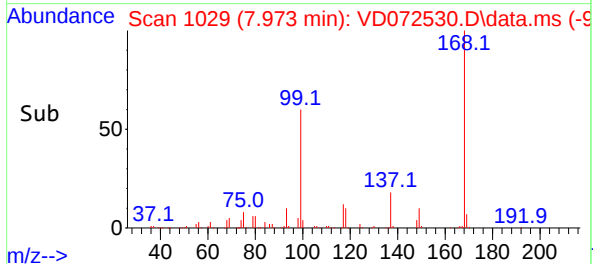
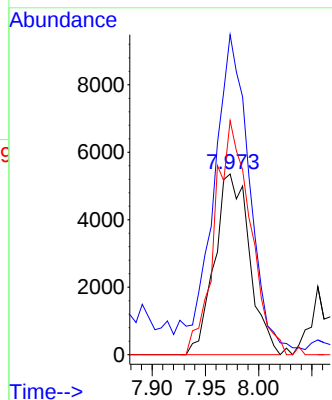
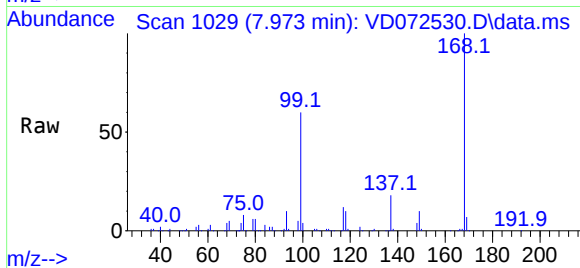
Tgt Ion: 56 Resp: 12201

Ion Ratio Lower Upper

56 100

69 170.5 25.4 38.2#

84 129.5 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.333 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072530.D

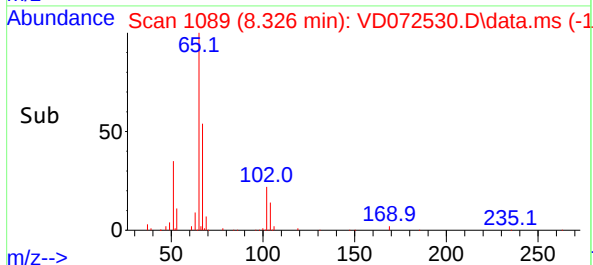
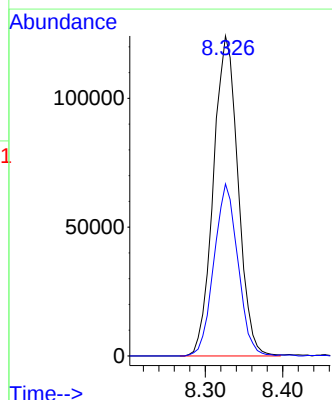
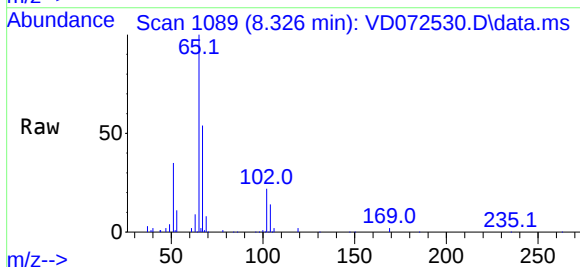
Acq: 05 Apr 2022 12:56

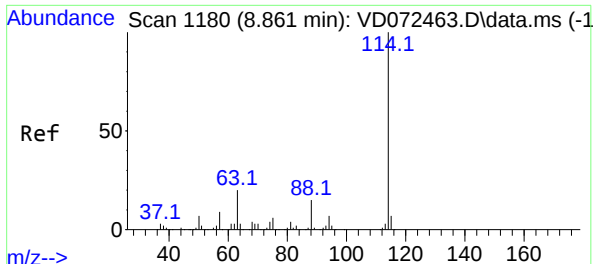
Tgt Ion: 65 Resp: 274476

Ion Ratio Lower Upper

65 100

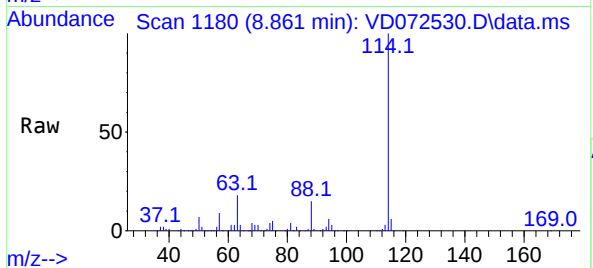
67 52.2 0.0 101.4



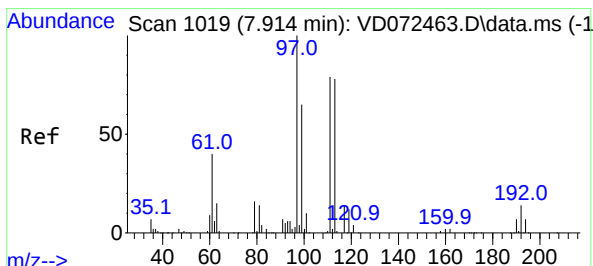
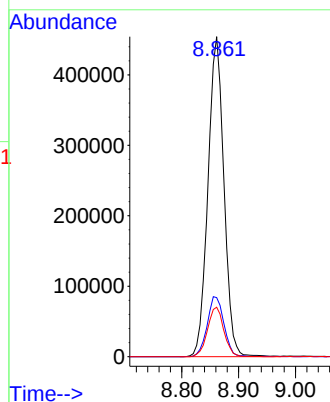
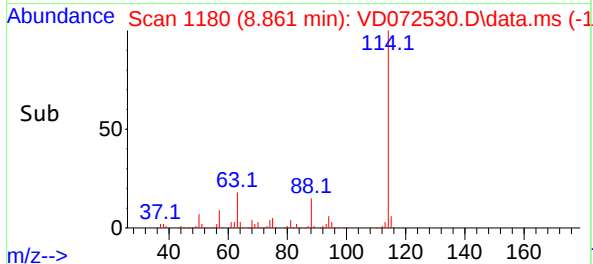


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

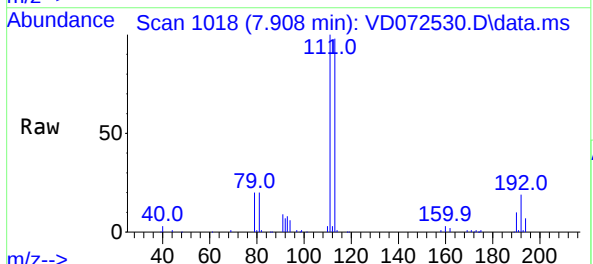
Instrument :
MSVOA_D
ClientSampleId :
124055



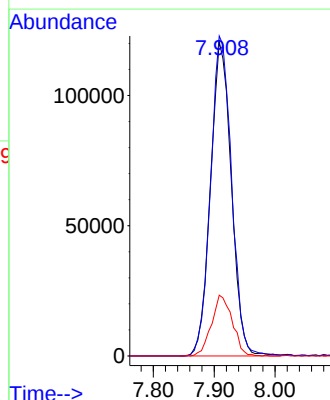
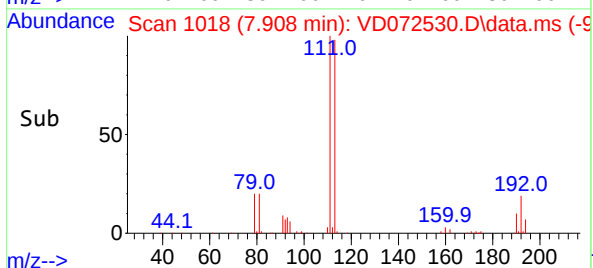
Tgt Ion:114 Resp: 883334
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 15.5 0.0 33.2

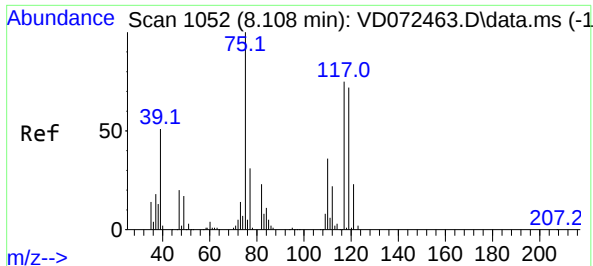


#35
Dibromofluoromethane
Concen: 41.807 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56



Tgt Ion:113 Resp: 286997
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 1.381 ug/l

RT: 8.114 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VD072530.D

Acq: 05 Apr 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

124055

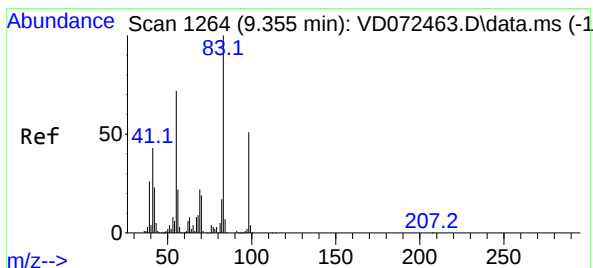
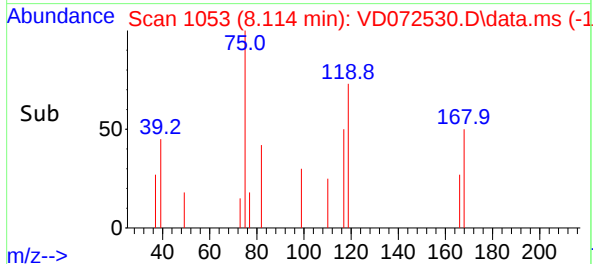
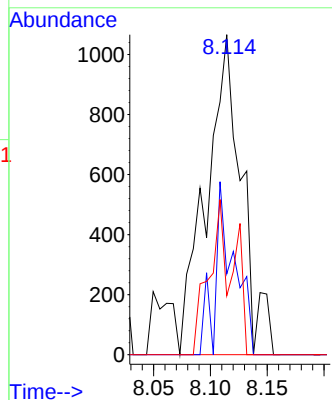
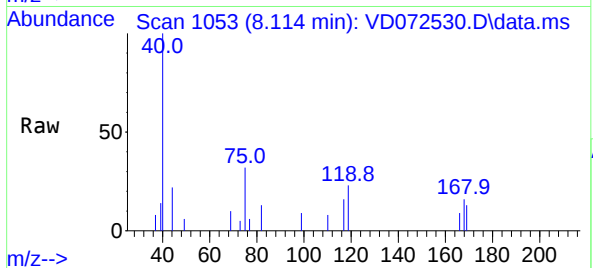
Tgt Ion: 75 Resp: 2304

Ion Ratio Lower Upper

75 100

110 29.8 16.4 49.1

77 33.4 24.2 36.2



#39

Methylcyclohexane

Concen: 3.018 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. -0.011 min

Lab File: VD072530.D

Acq: 05 Apr 2022 12:56

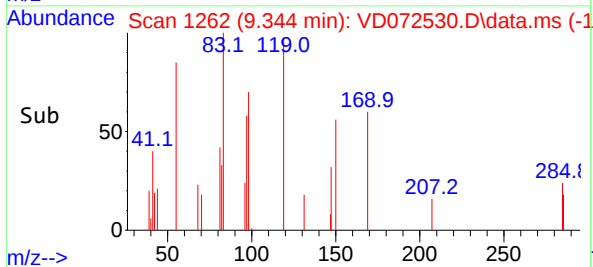
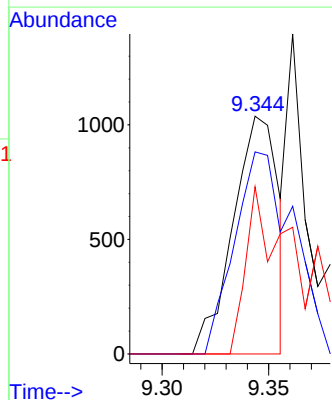
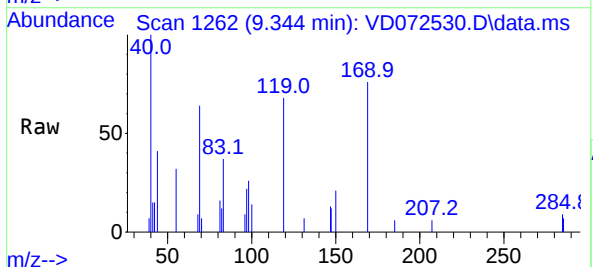
Tgt Ion: 83 Resp: 1535

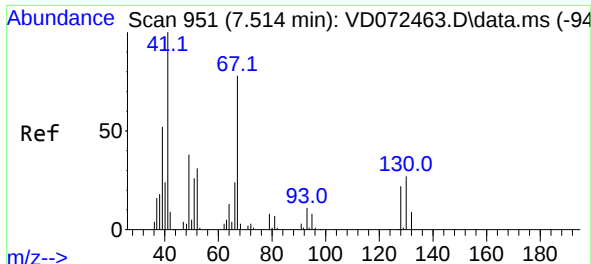
Ion Ratio Lower Upper

83 100

55 85.0 63.2 94.8

98 70.3 38.2 57.4

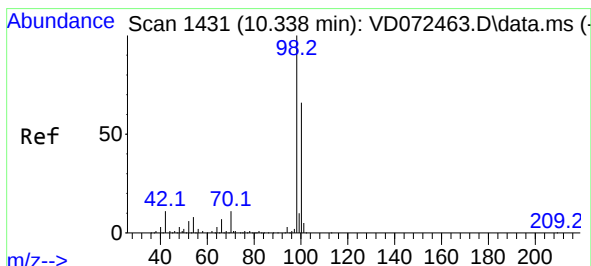
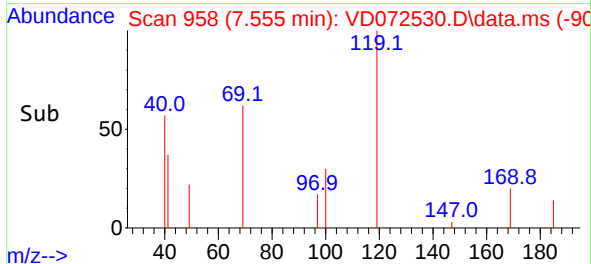
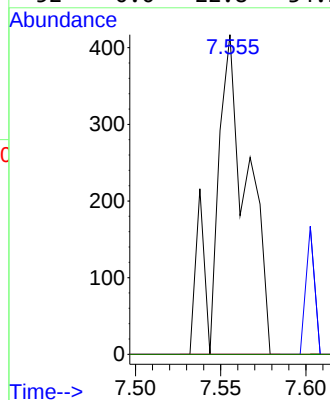
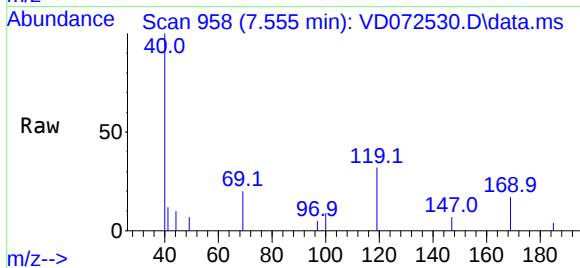




#41
Methacrylonitrile
Concen: 1.908 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

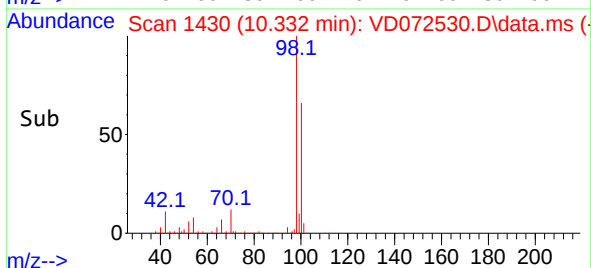
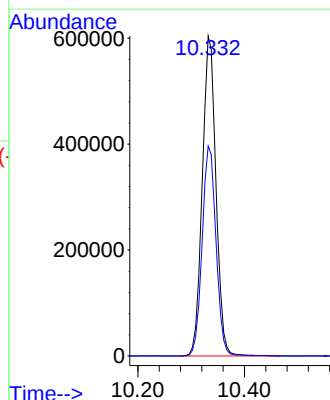
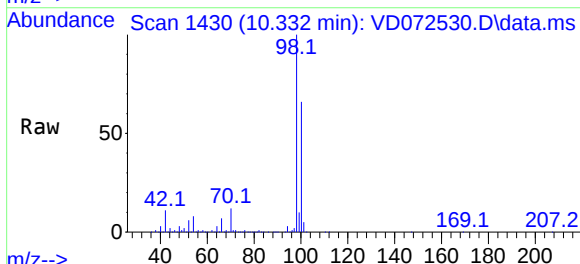
Instrument :
MSVOA_D
ClientSampleId :
124055

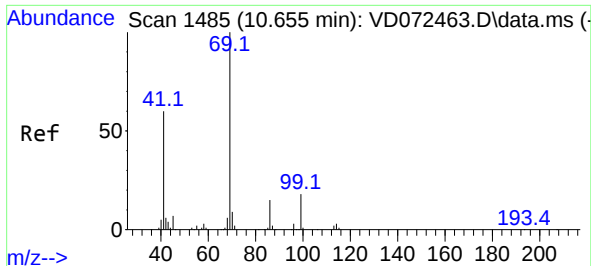
Tgt Ion: 41 Resp: 550
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#



#50
Toluene-d8
Concen: 45.082 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion: 98 Resp: 1075754
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

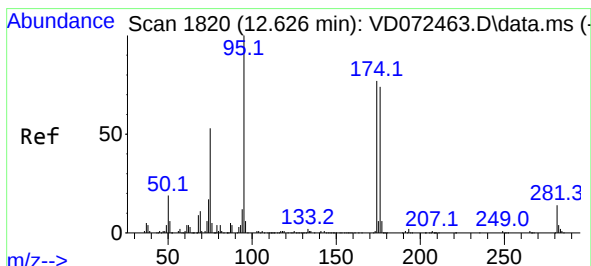
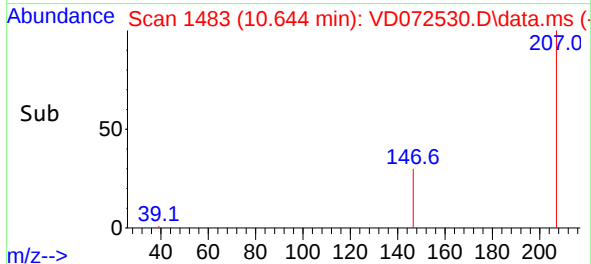
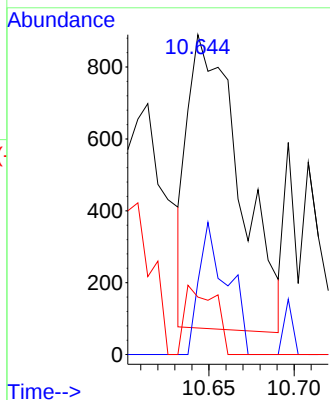
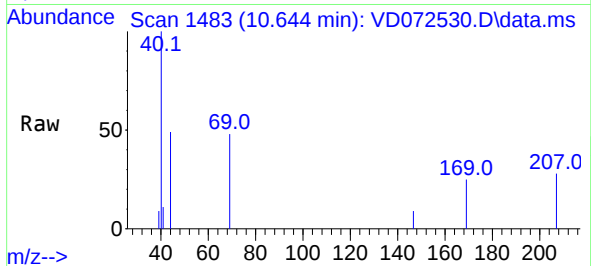




#56
Ethyl methacrylate
Concen: 1.450 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.011 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

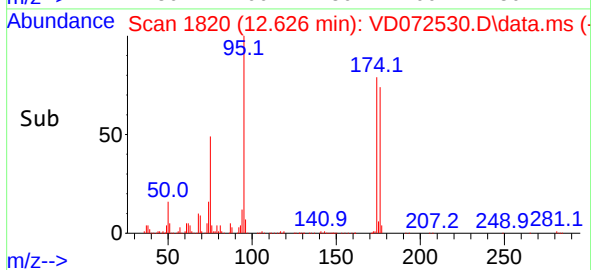
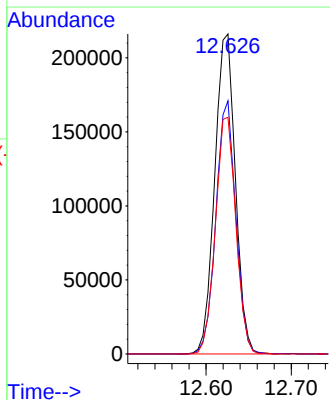
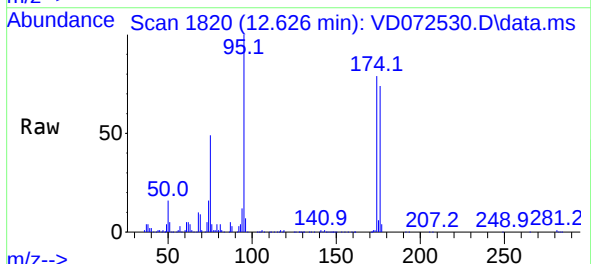
Instrument :
MSVOA_D
ClientSampleId :
124055

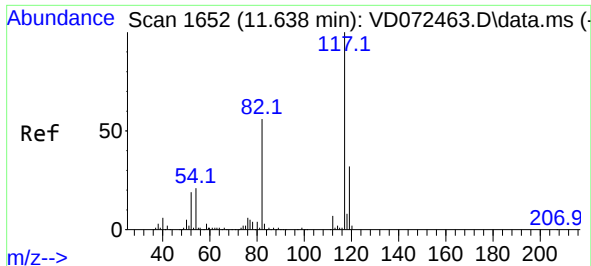
Tgt Ion: 69 Resp: 1733
Ion Ratio Lower Upper
69 100
41 24.4 63.0 94.6#
39 13.6 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 39.097 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion: 95 Resp: 364357
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.2 0.0 145.4

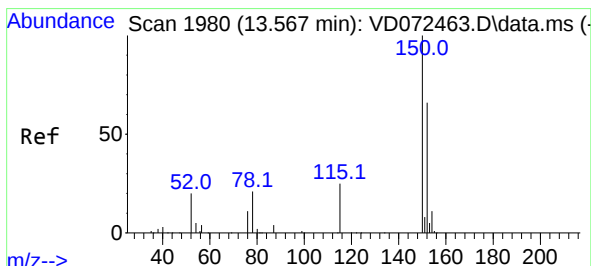
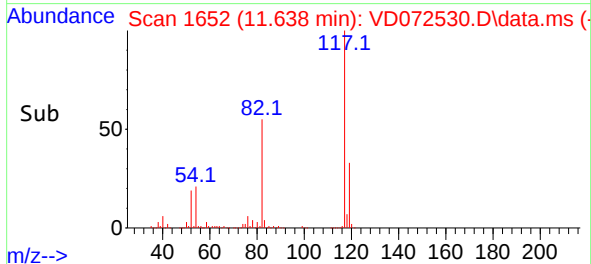
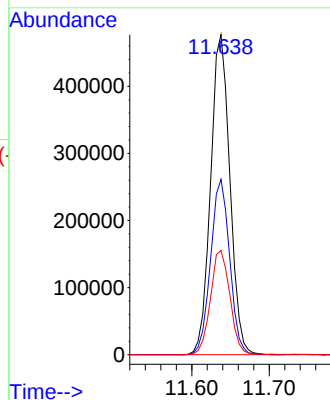
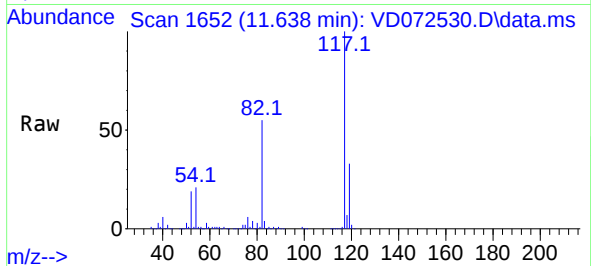




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

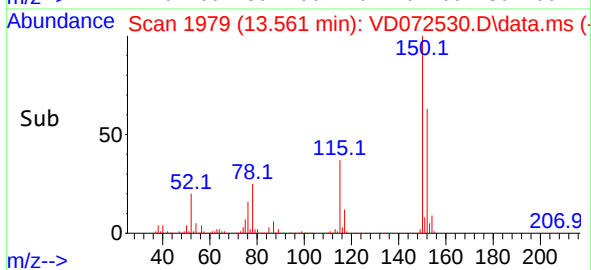
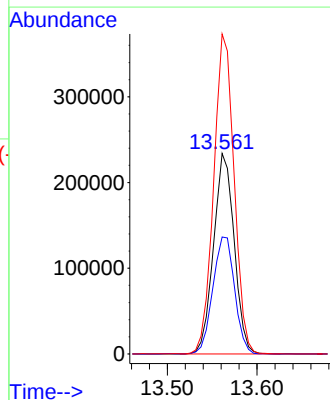
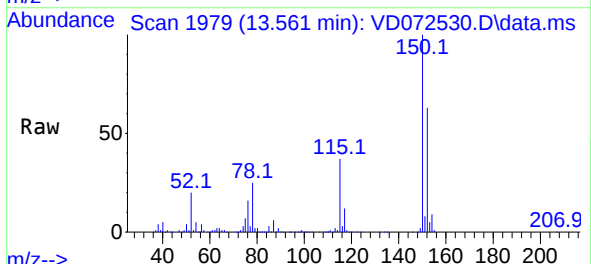
Instrument :
MSVOA_D
ClientSampleId :
124055

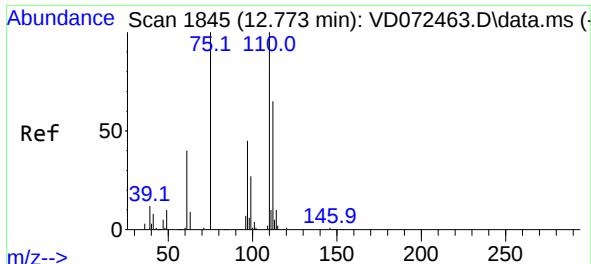
Tgt Ion:117 Resp: 823284
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion:152 Resp: 373761
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 158.0 0.0 348.6

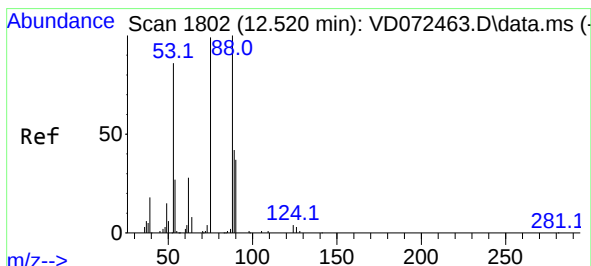
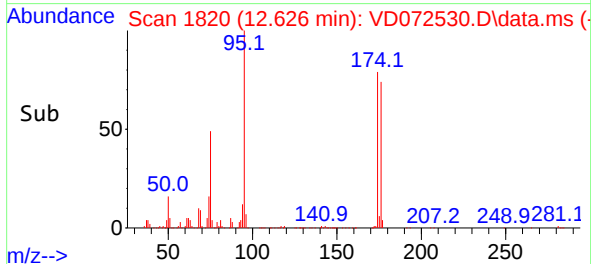
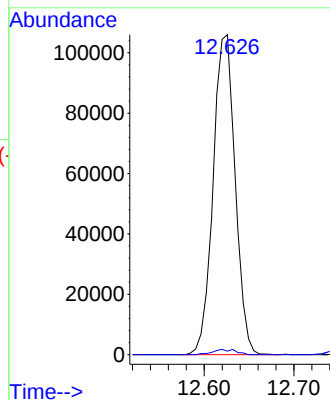
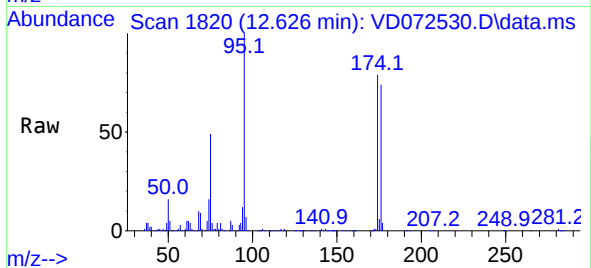




#76
1,2,3-Trichloropropane
Concen: 44.352 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Instrument :
MSVOA_D
ClientSampleId :
124055

Tgt Ion: 75 Resp: 180798
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.830 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072530.D
Acq: 05 Apr 2022 12:56

Tgt Ion: 75 Resp: 180798
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#

