

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072523.D
 Acq On : 04 Apr 2022 17:19
 Operator : VA/SY
 Sample : N2239-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Apr 05 03:21:24 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)

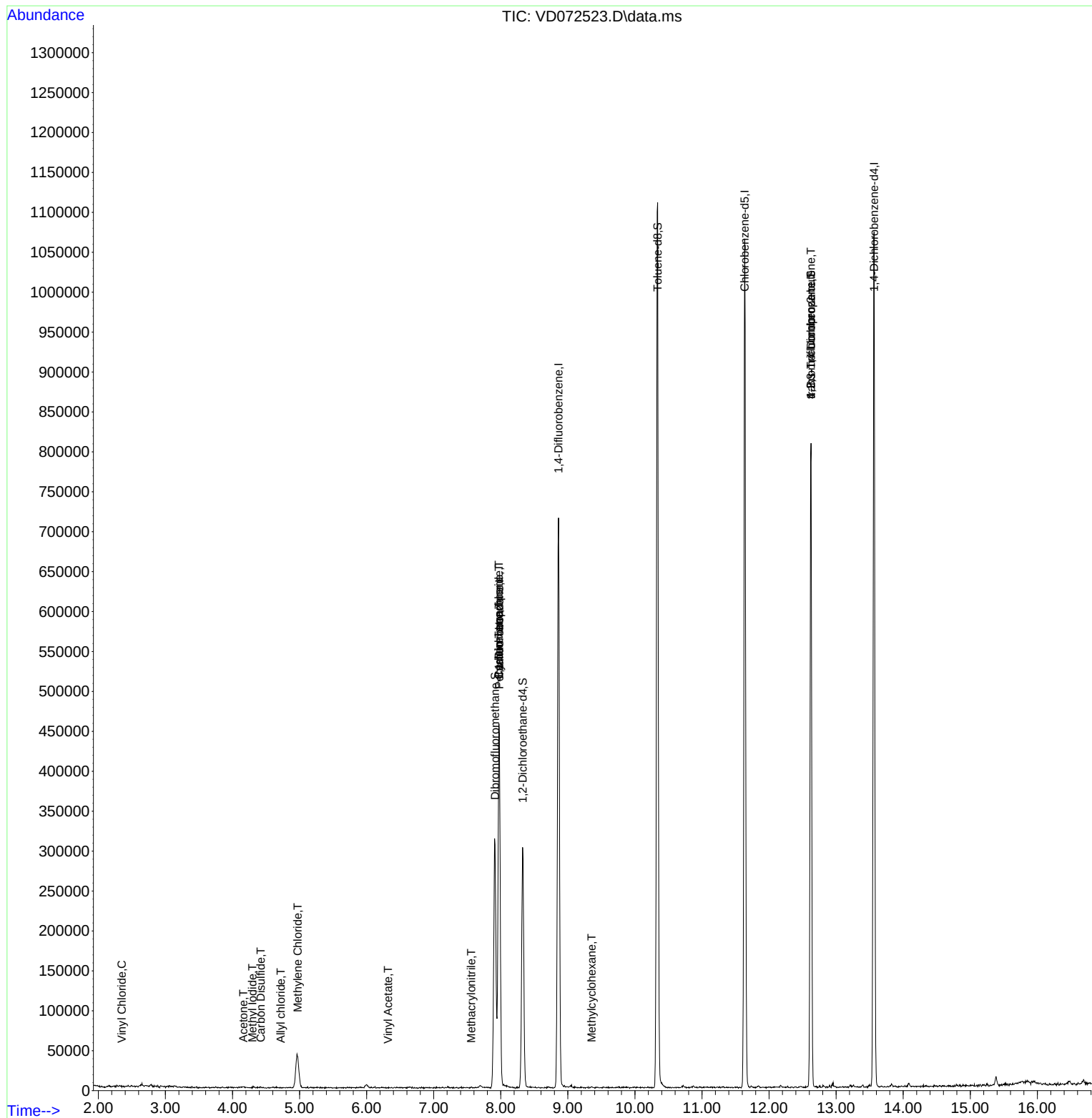
Internal Standards						
1) Pentafluorobenzene	7.979	168	332538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	633815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	290577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238752	59.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.700%			
35) Dibromofluoromethane	7.914	113	223347	45.344	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.680%			
50) Toluene-d8	10.338	98	770163	44.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.960%			
62) 4-Bromofluorobenzene	12.626	95	280433	41.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.880%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	162	1.007	ug/l #	43
10) Methyl Iodide	4.297	142	688	3.910	ug/l #	83
14) Allyl chloride	4.720	41	115	1.148	ug/l #	22
16) Acetone	4.162	43	2284	3.045	ug/l	90
17) Carbon Disulfide	4.420	76	1039	3.775	ug/l #	74
20) Methylene Chloride	4.973	84	34161	7.650	ug/l #	82
23) Vinyl Acetate	6.320	43	67	6.299	ug/l #	75
31) Cyclohexane	7.973	56	7341	1.396	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	26782	5.283	ug/l #	51
38) Carbon Tetrachloride	7.973	117	35435	5.222	ug/l #	17
39) Methylcyclohexane	9.355	83	631	2.958	ug/l #	48
41) Methacrylonitrile	7.561	41	72	1.704	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	138338	43.651	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	138338	107.110	ug/l #	7

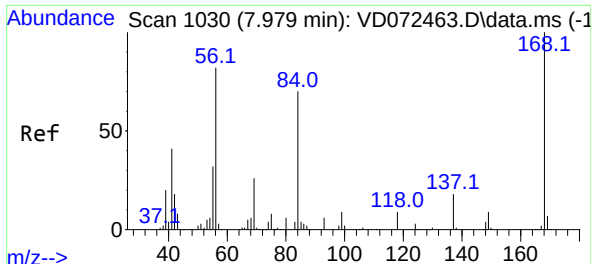
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
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QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

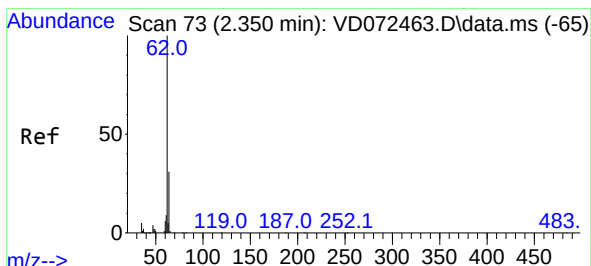
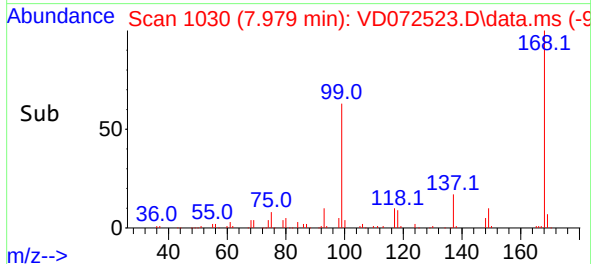
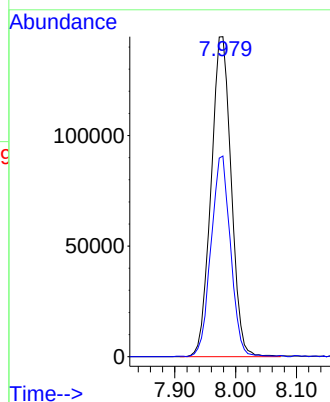
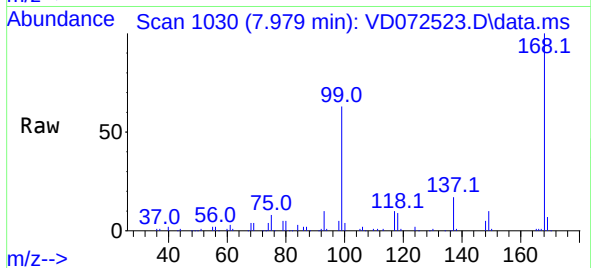




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

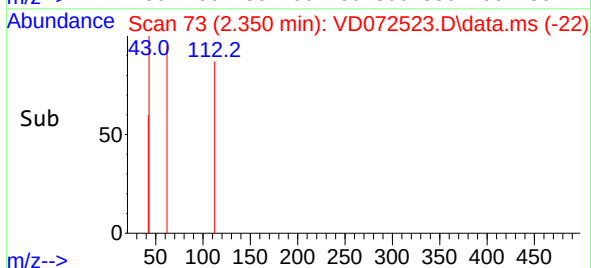
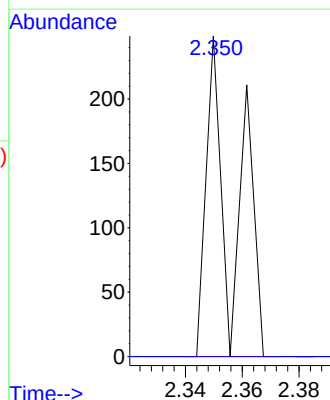
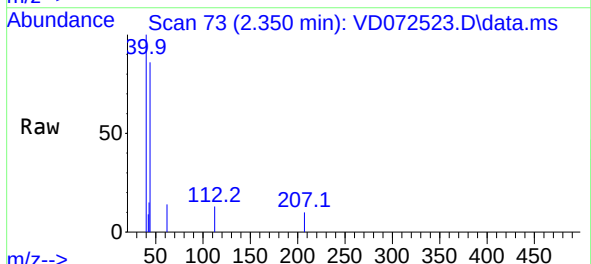
Instrument :
MSVOA_D
ClientSampleId :
TP-4

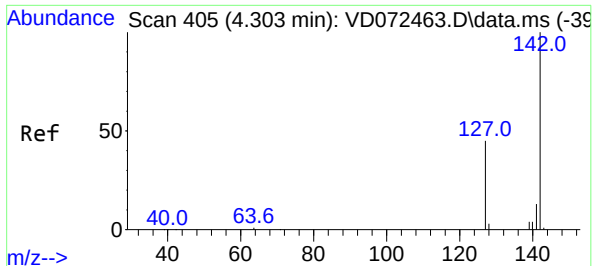
Tgt Ion:168 Resp: 332538
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#4
Vinyl Chloride
Concen: 1.007 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 62 Resp: 162
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

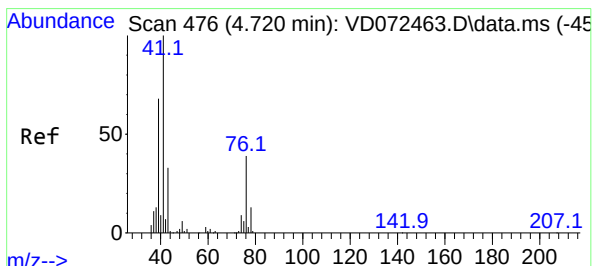
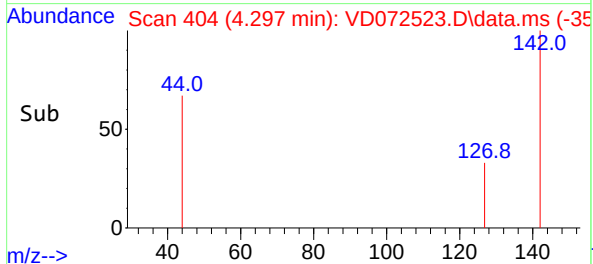
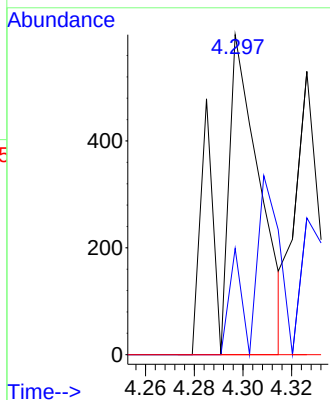
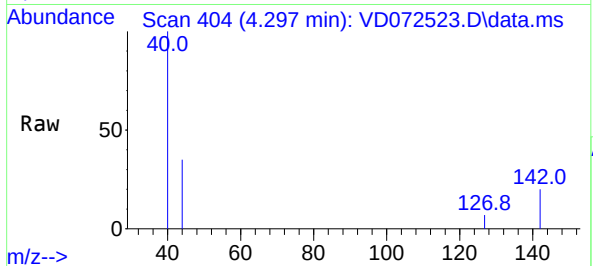




#10
Methyl Iodide
Concen: 3.910 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

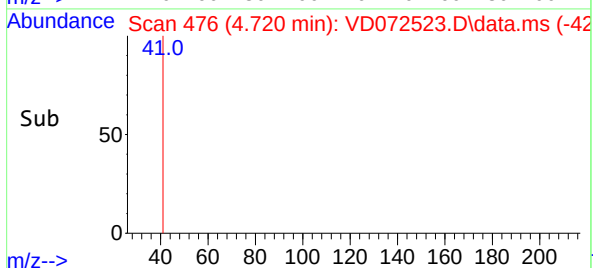
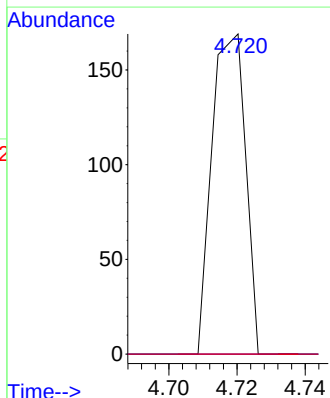
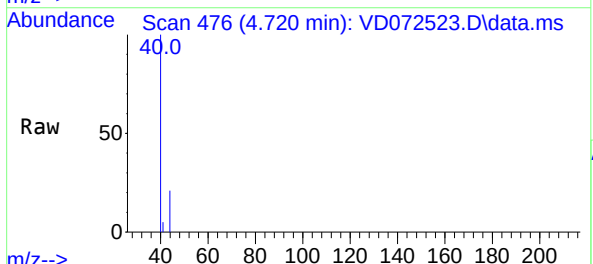
Instrument :
MSVOA_D
ClientSampleId :
TP-4

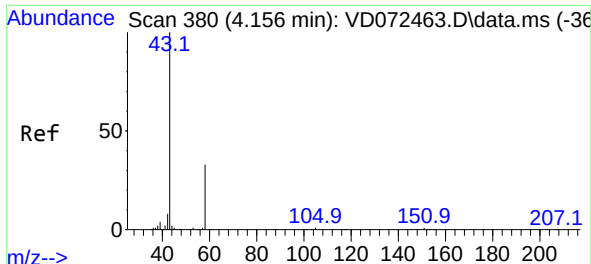
Tgt Ion:142 Resp: 688
Ion Ratio Lower Upper
142 100
127 39.4 37.3 55.9
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.148 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 41 Resp: 115
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.7 38.5#

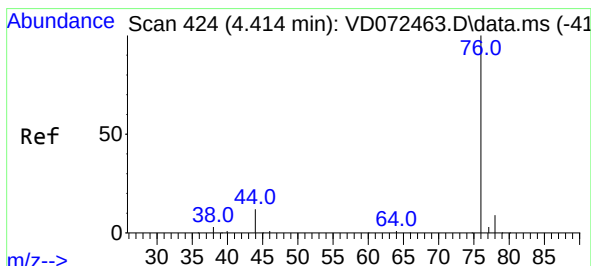
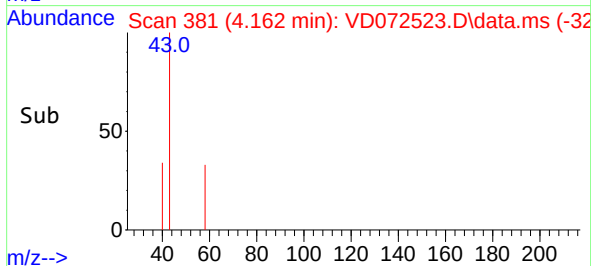
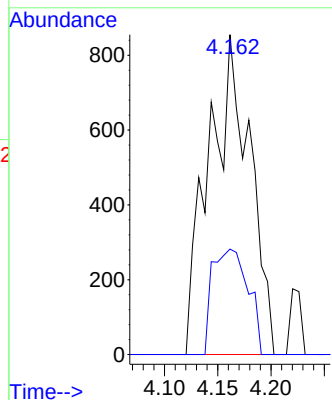
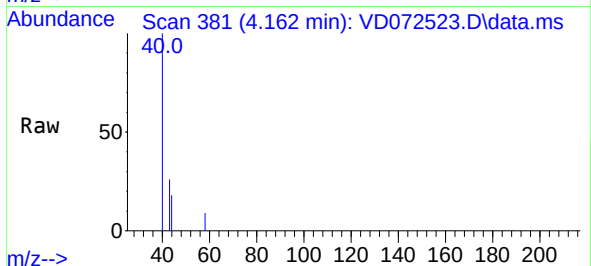




#16
Acetone
Concen: 3.045 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

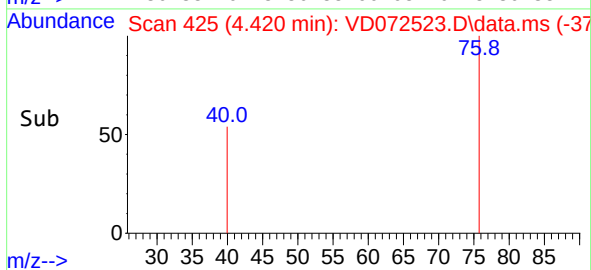
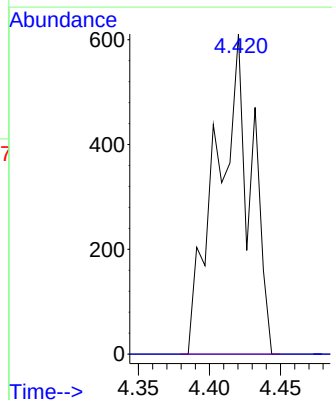
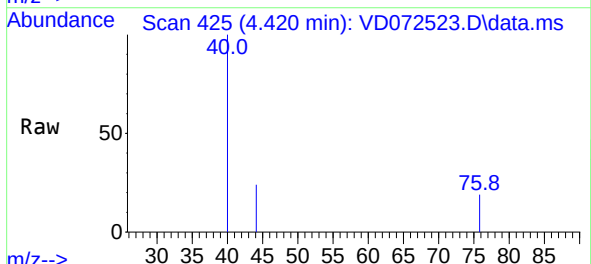
Instrument :
MSVOA_D
ClientSampleId :
TP-4

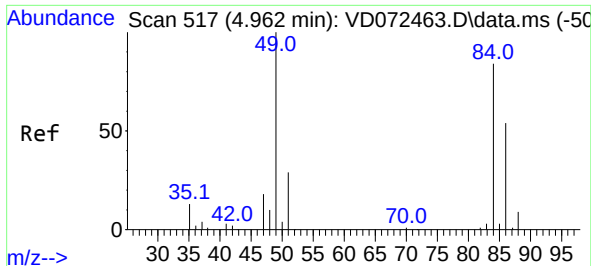
Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1



#17
Carbon Disulfide
Concen: 3.775 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 76 Resp: 1039
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



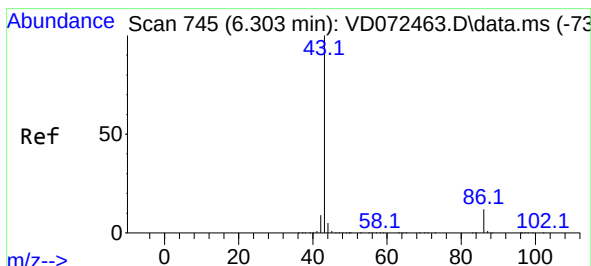
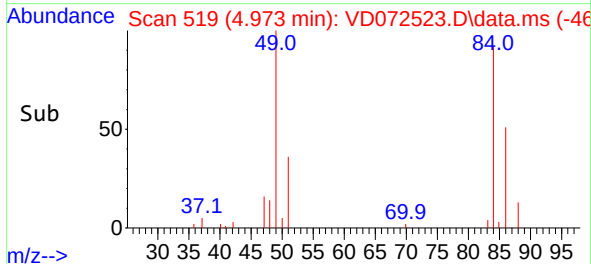
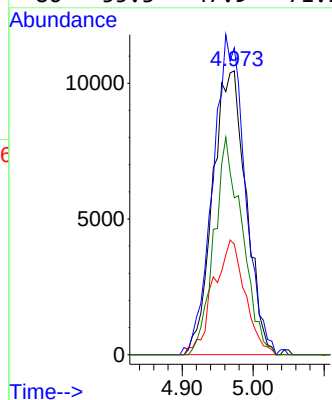
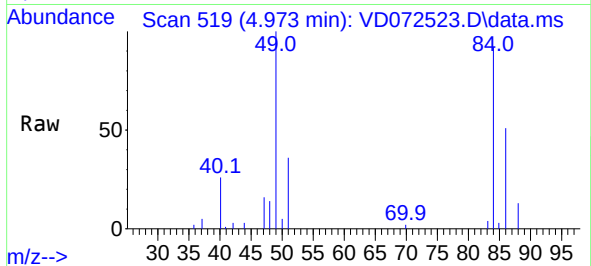


#20
Methylene Chloride
Concen: 7.650 ug/l
RT: 4.973 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 34161

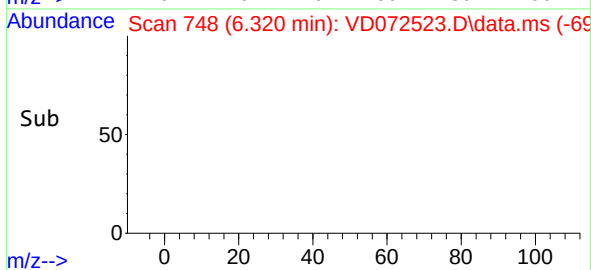
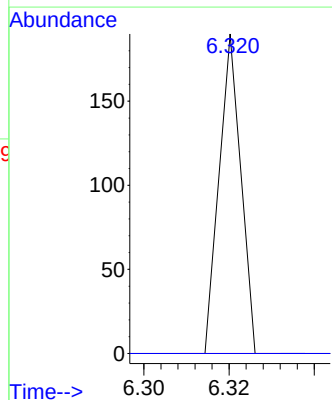
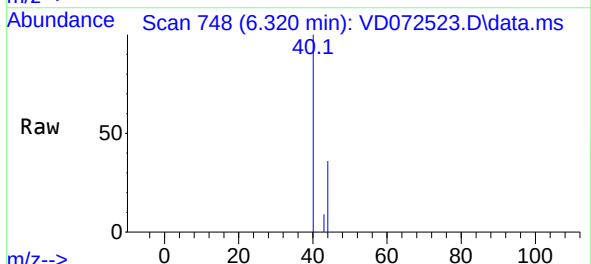
Ion	Ratio	Lower	Upper
84	100		
49	108.1	112.8	169.2#
51	38.9	32.6	48.8
86	55.3	47.9	71.9

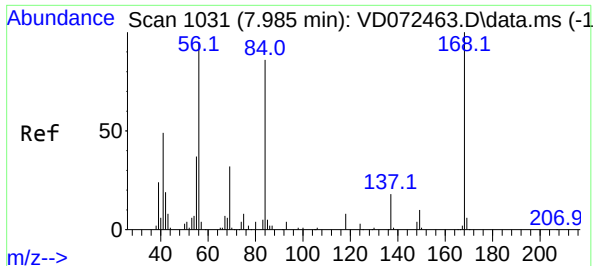


#23
Vinyl Acetate
Concen: 6.299 ug/l
RT: 6.320 min Scan# 748
Delta R.T. 0.017 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

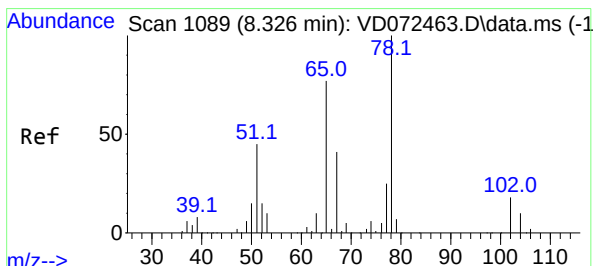
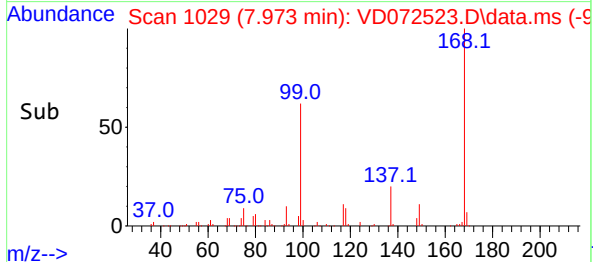
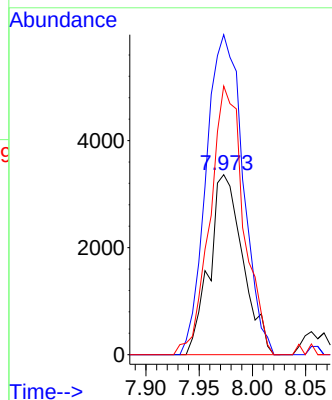
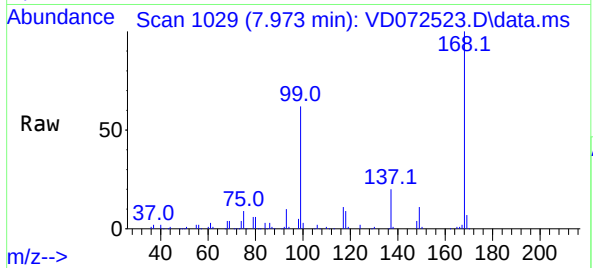




#31
Cyclohexane
Concen: 1.396 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

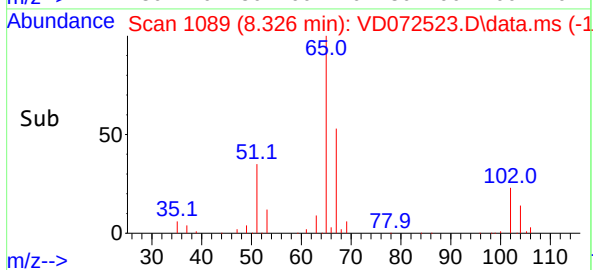
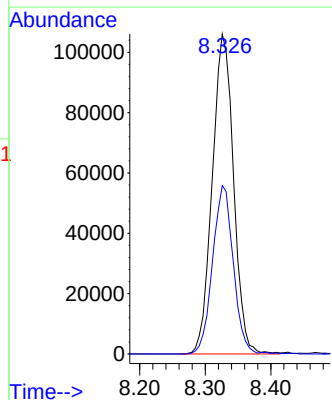
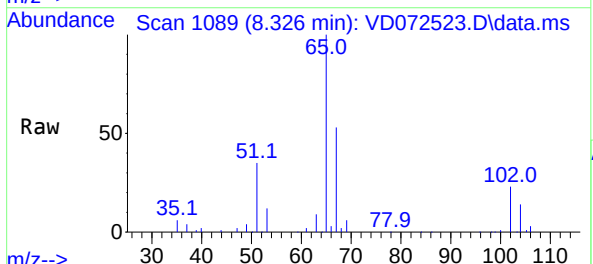
Instrument :
MSVOA_D
ClientSampleId :
TP-4

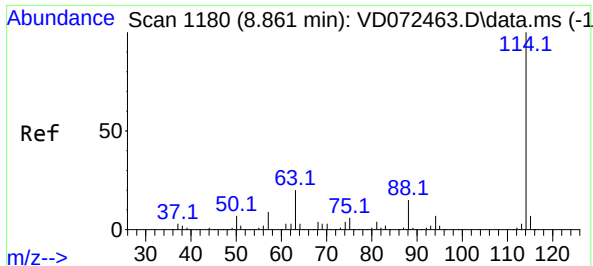
Tgt Ion: 56 Resp: 7341
Ion Ratio Lower Upper
56 100
69 177.8 25.4 38.2#
84 149.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 59.351 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 65 Resp: 238752
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

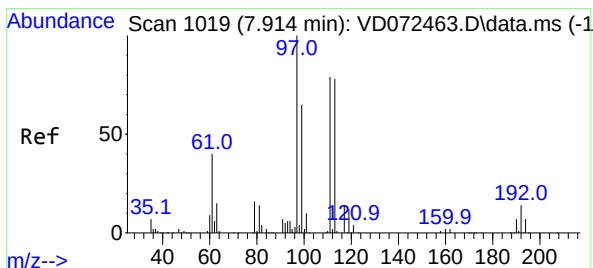
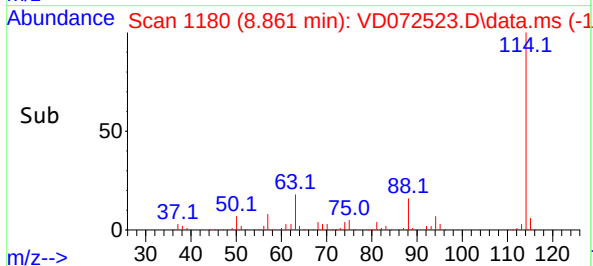
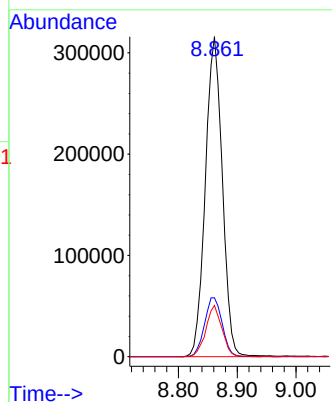
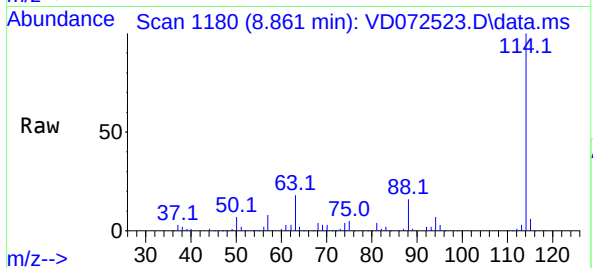




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

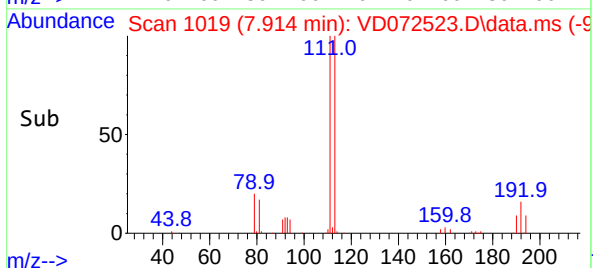
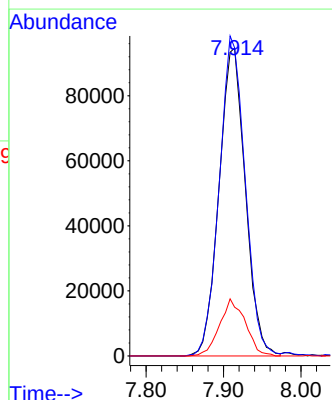
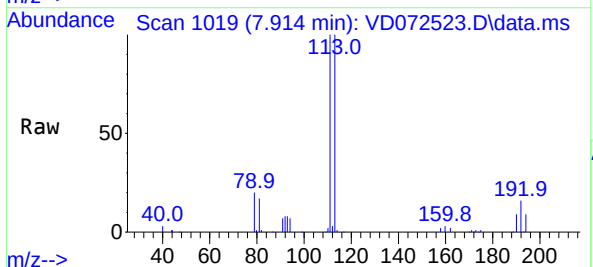
Instrument :
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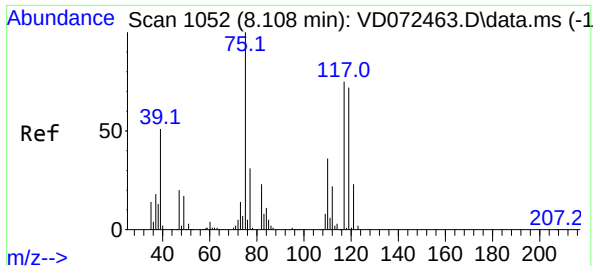
Tgt Ion:114 Resp: 633815
Ion Ratio Lower Upper
114 100
63 18.4 0.0 46.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.344 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion:113 Resp: 223347
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.283 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072523.D

Acq: 04 Apr 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

TP-4

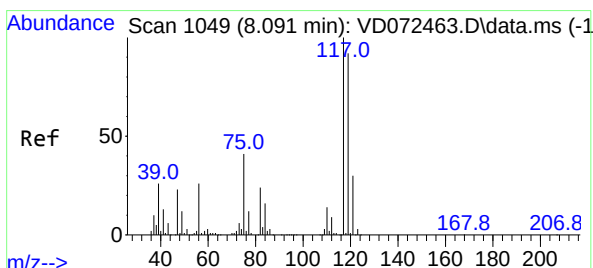
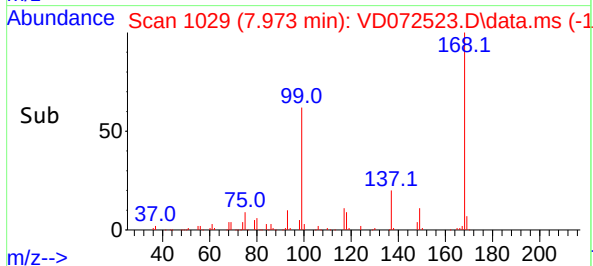
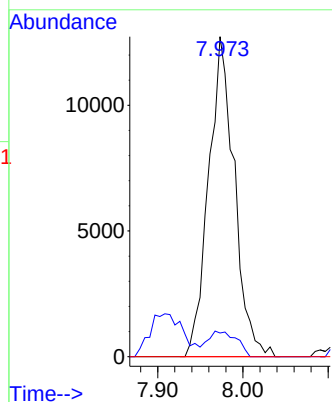
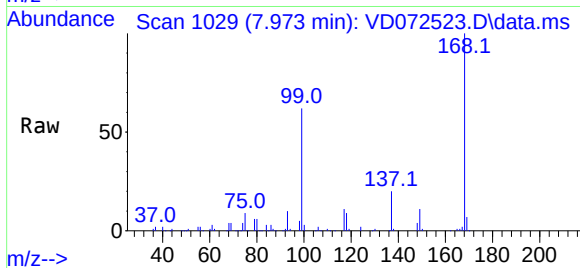
Tgt Ion: 75 Resp: 26782

Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.222 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072523.D

Acq: 04 Apr 2022 17:19

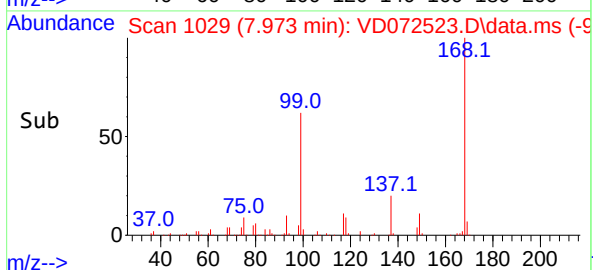
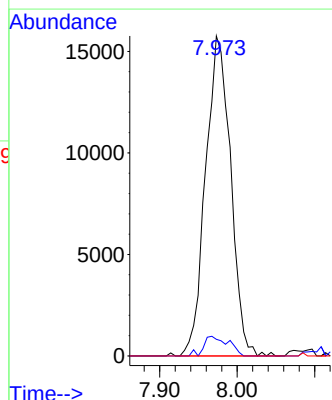
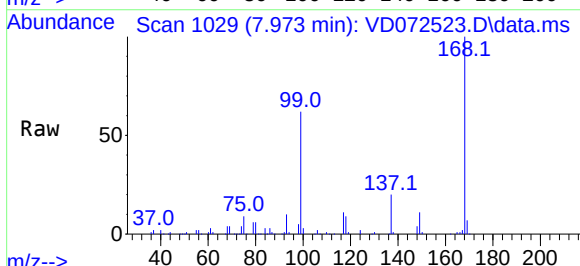
Tgt Ion: 117 Resp: 35435

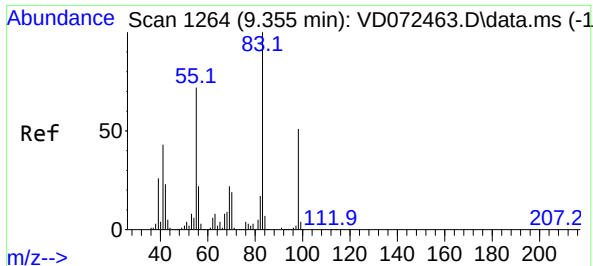
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.5 36.7#

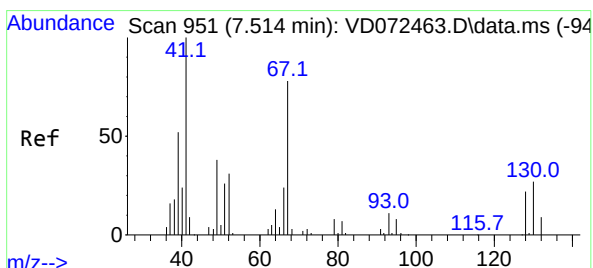
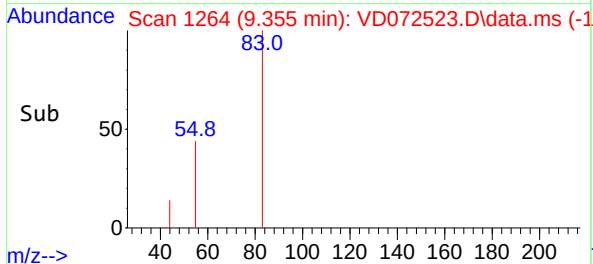
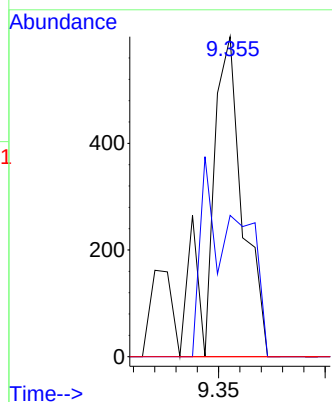
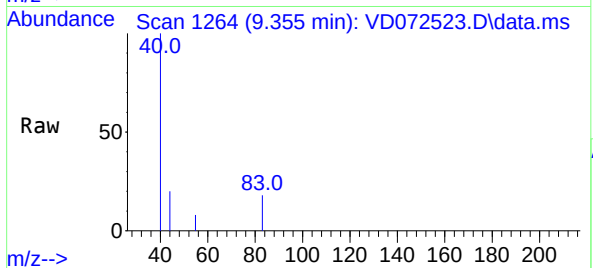




#39
Methylcyclohexane
Concen: 2.958 ug/l
RT: 9.355 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

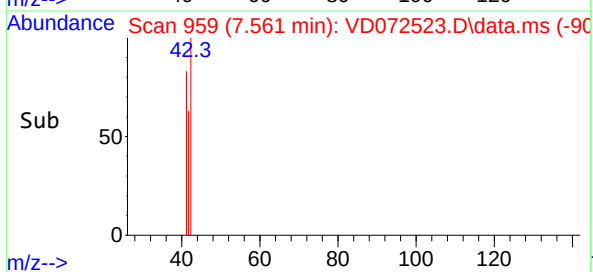
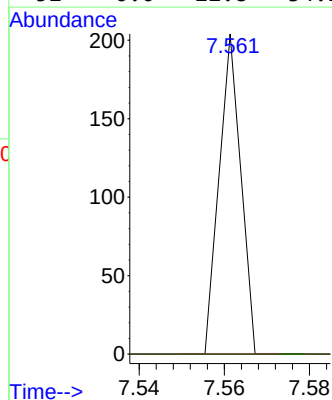
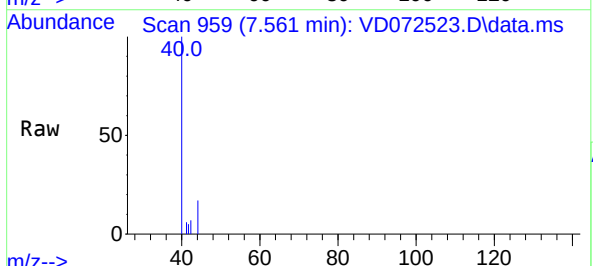
Instrument :
MSVOA_D
ClientSampleId :
TP-4

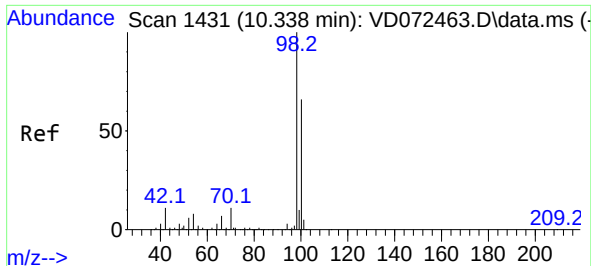
Tgt Ion: 83	Resp:	631
Ion	Ratio	Lower Upper
83	100	
55	44.2	63.2 94.8#
98	0.0	38.2 57.4#



#41
Methacrylonitrile
Concen: 1.704 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 41	Resp:	72
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#

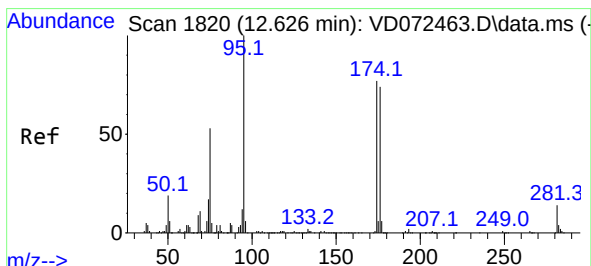
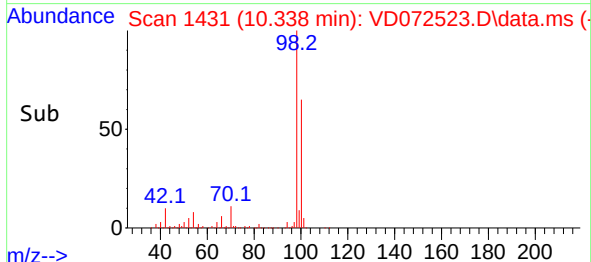
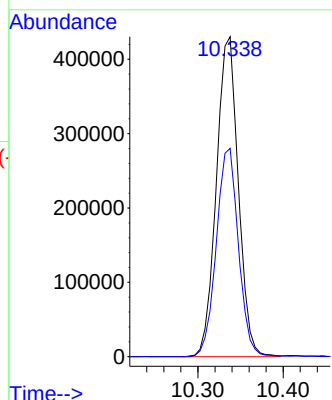
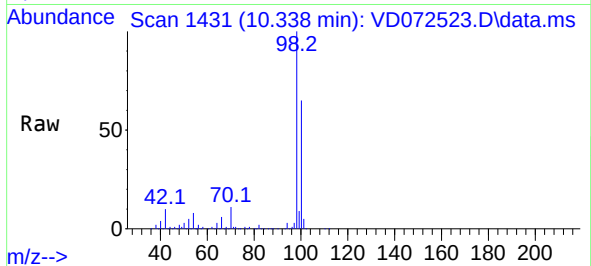




#50
Toluene-d8
Concen: 44.981 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

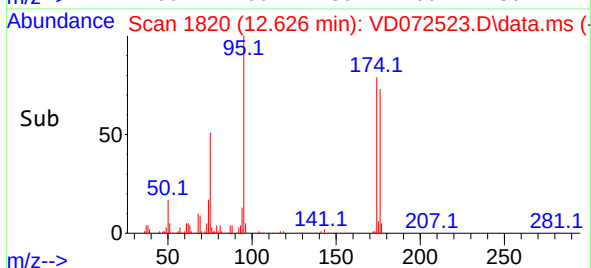
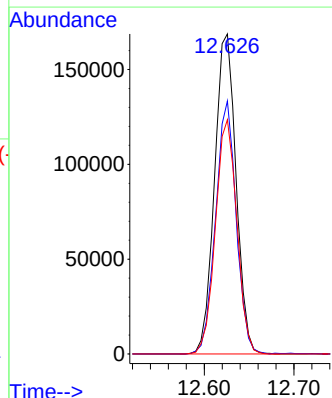
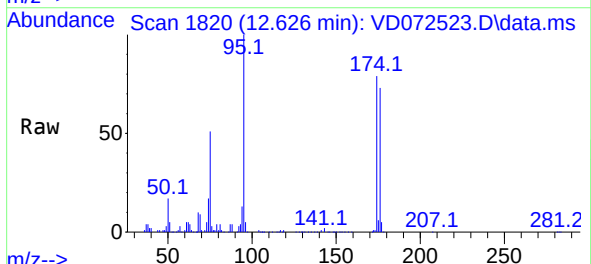
Instrument :
MSVOA_D
ClientSampleId :
TP-4

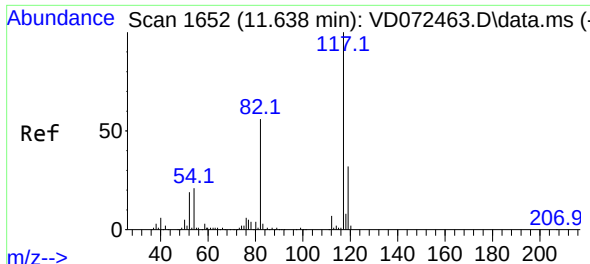
Tgt Ion: 98 Resp: 770163
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.938 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 95 Resp: 280433
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 72.8 0.0 145.4

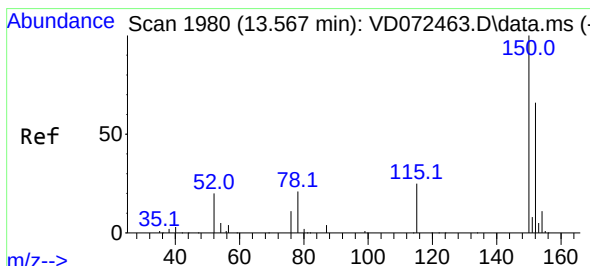
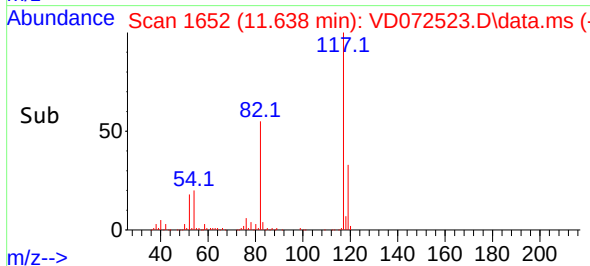
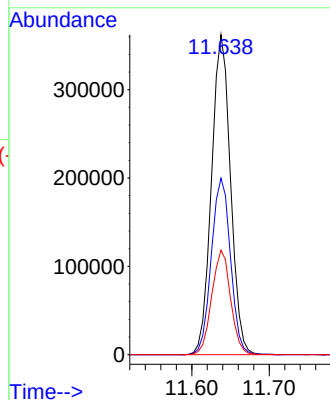
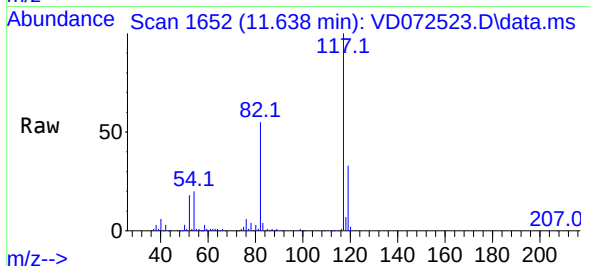




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

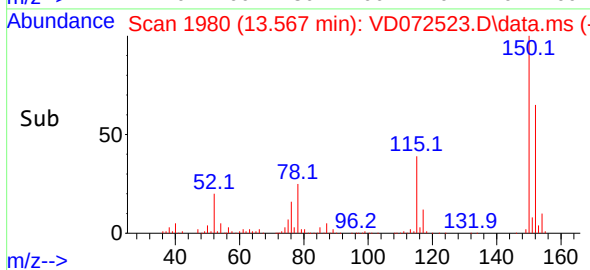
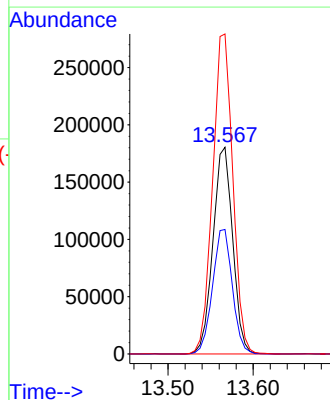
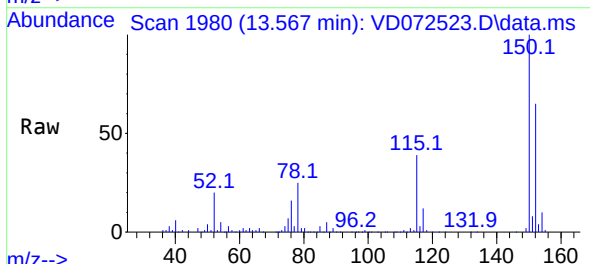
Instrument :
MSVOA_D
ClientSampleId :
TP-4

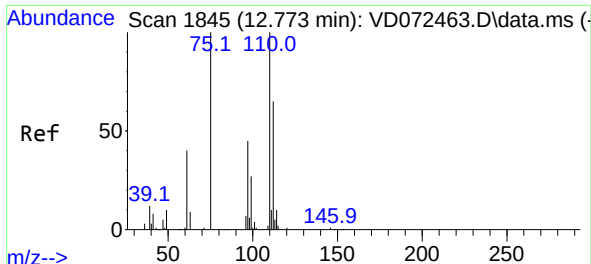
Tgt Ion:117 Resp: 617124
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion:152 Resp: 290577
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.9 0.0 348.6

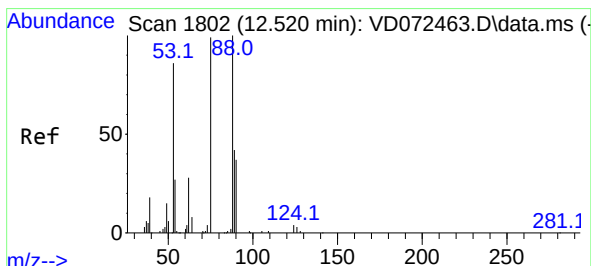
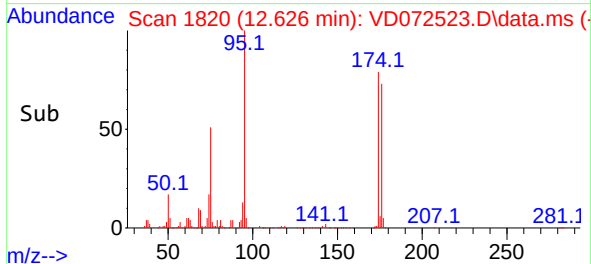
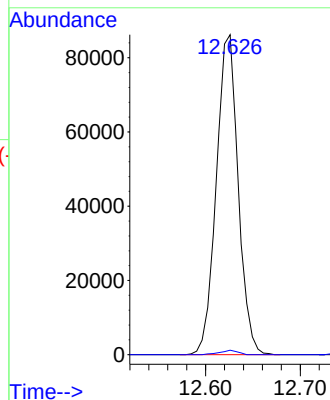
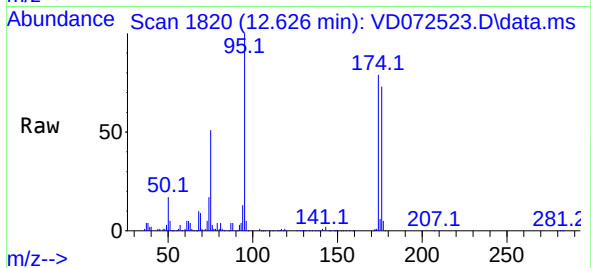




#76
1,2,3-Trichloropropane
Concen: 43.651 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 75 Resp: 138338
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.110 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 75 Resp: 138338
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

