

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072501.D
 Acq On : 01 Apr 2022 14:28
 Operator : VA/SY
 Sample : N2217-04
 Misc : 3.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Apr 02 02:37:36 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)

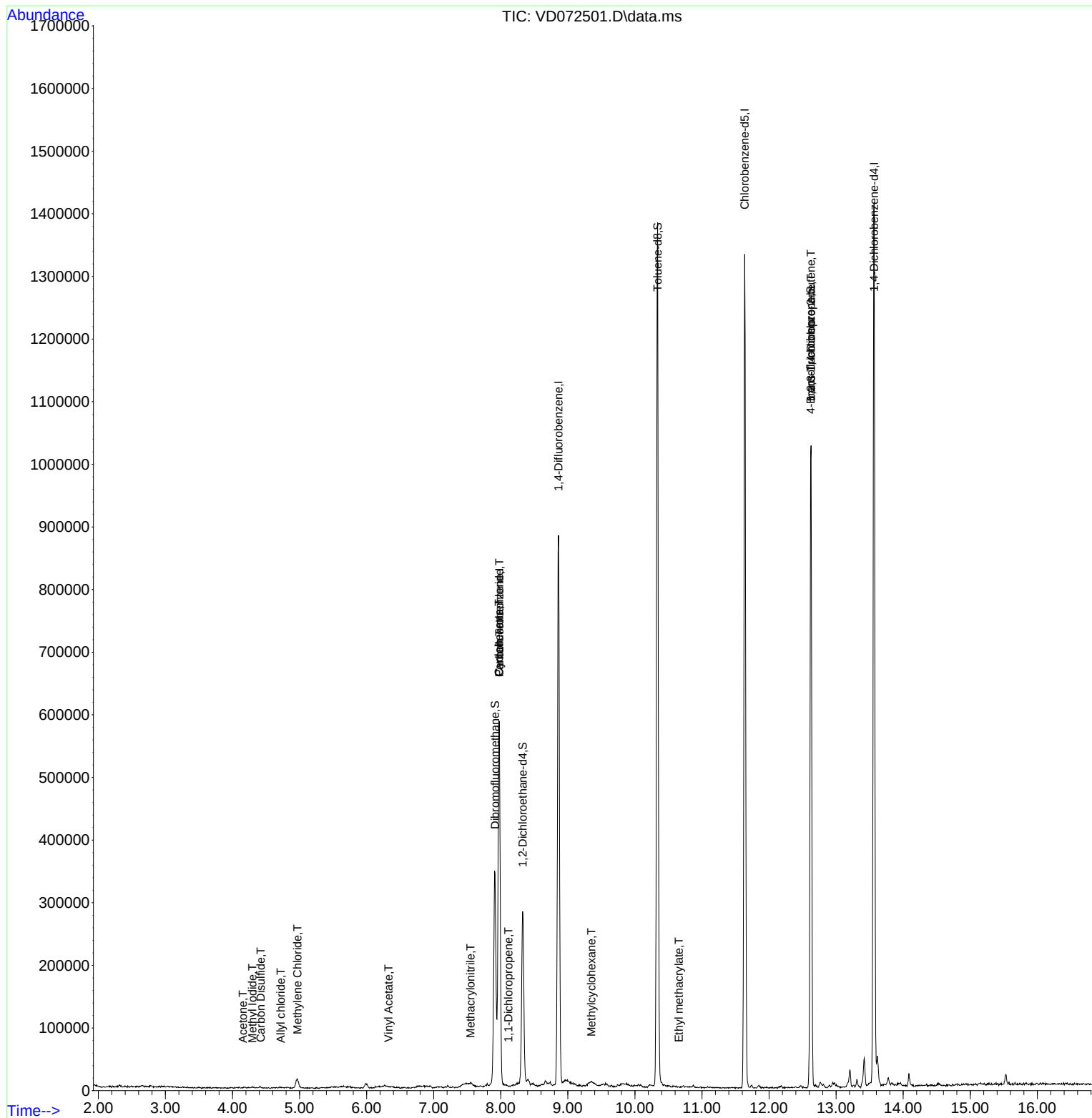
Internal Standards						
1) Pentafluorobenzene	7.979	168	423969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	778240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	381701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218663	42.635	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.260%		
35) Dibromofluoromethane	7.914	113	246066	41.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.360%		
50) Toluene-d8	10.338	98	945260	45.511	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.620	95	355930	43.879	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.760%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	895	3.913	ug/l #	69
14) Allyl chloride	4.720	41	213	1.158	ug/l #	63
16) Acetone	4.156	43	1379	1.442	ug/l #	47
17) Carbon Disulfide	4.420	76	2557	3.914	ug/l #	65
20) Methylene Chloride	4.967	84	11908	2.092	ug/l #	75
23) Vinyl Acetate	6.326	43	963	6.403	ug/l #	75
31) Cyclohexane	7.973	56	9947	1.483	ug/l #	1
36) 1,1-Dichloropropene	8.114	75	1152	1.271	ug/l #	60
38) Carbon Tetrachloride	7.979	117	45644	5.545	ug/l #	17
39) Methylcyclohexane	9.349	83	705	2.951	ug/l #	85
41) Methacrylonitrile	7.550	41	159	1.741	ug/l #	27
56) Ethyl methacrylate	10.655	69	632	1.299	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	186030	44.686	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	186030	109.650	ug/l #	7

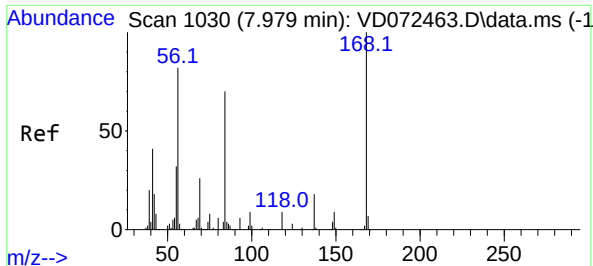
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
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: VD072501.D

Acq: 01 Apr 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

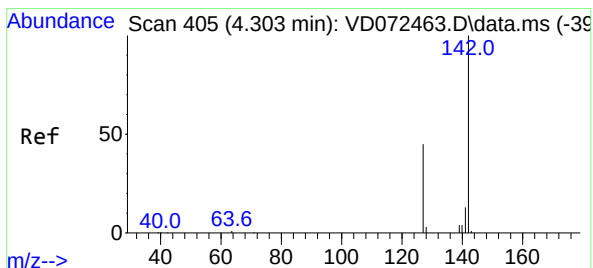
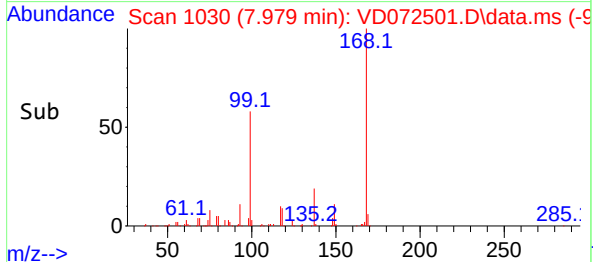
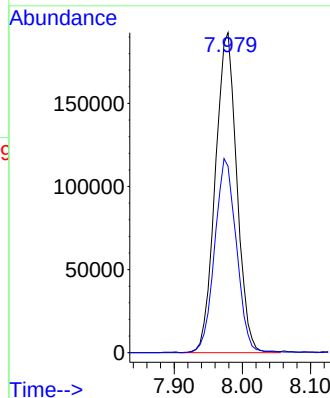
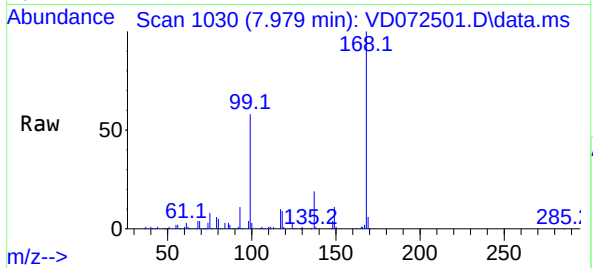
SB-3

Tgt Ion:168 Resp: 423969

Ion Ratio Lower Upper

168 100

99 58.3 49.8 74.6



#10

Methyl Iodide

Concen: 3.913 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD072501.D

Acq: 01 Apr 2022 14:28

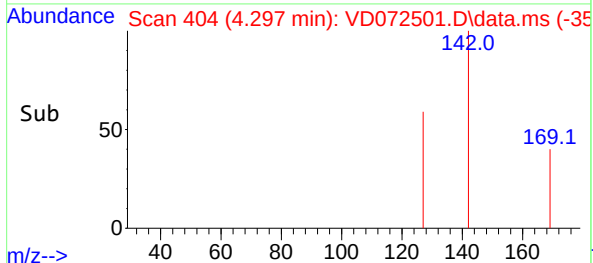
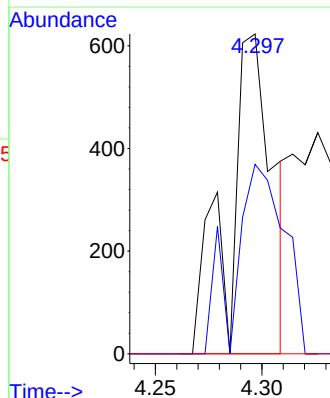
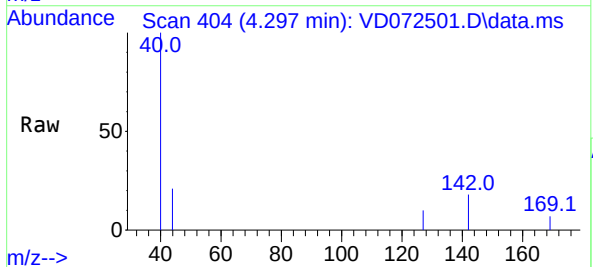
Tgt Ion:142 Resp: 895

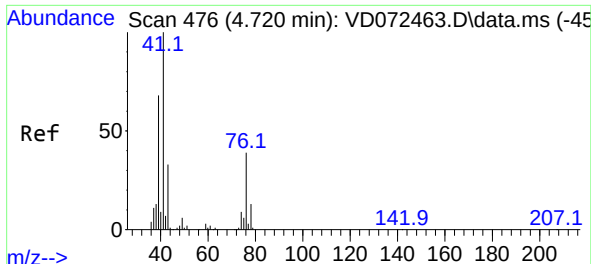
Ion Ratio Lower Upper

142 100

127 66.7 37.3 55.9#

141 0.0 11.7 17.5#

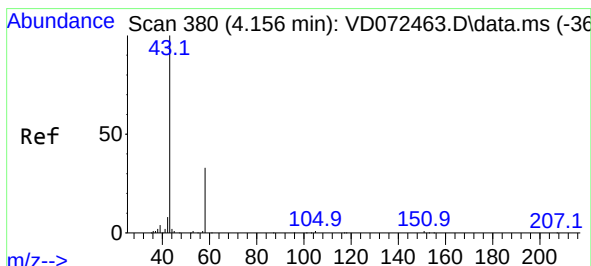
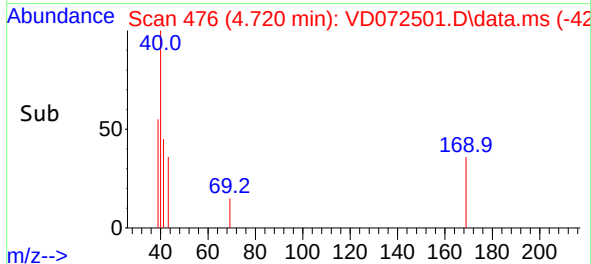
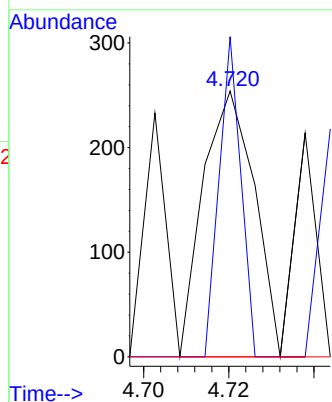
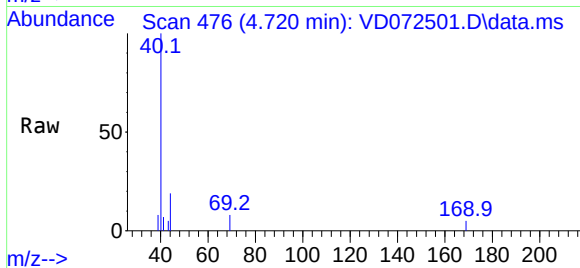




#14
Allyl chloride
Concen: 1.158 ug/l
RT: 4.720 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

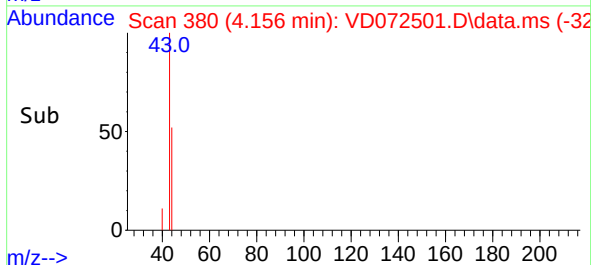
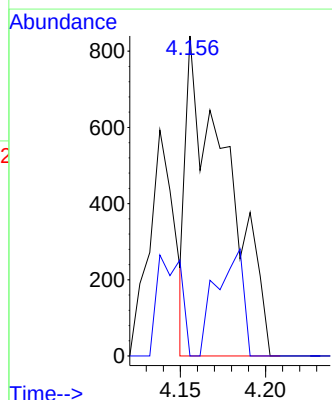
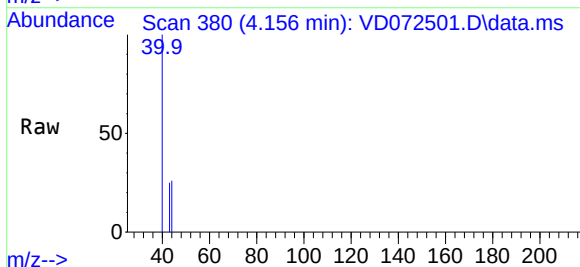
Instrument :
MSVOA_D
ClientSampleId :
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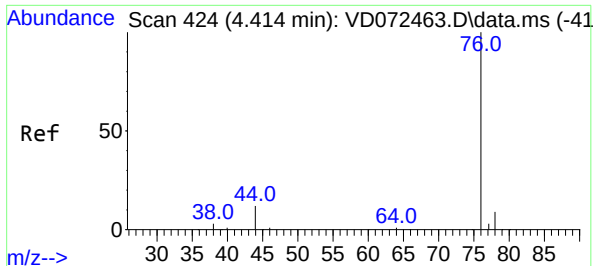
Tgt Ion: 41 Resp: 213
Ion Ratio Lower Upper
41 100
39 50.7 59.3 88.9#
76 0.0 25.7 38.5#



#16
Acetone
Concen: 1.442 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

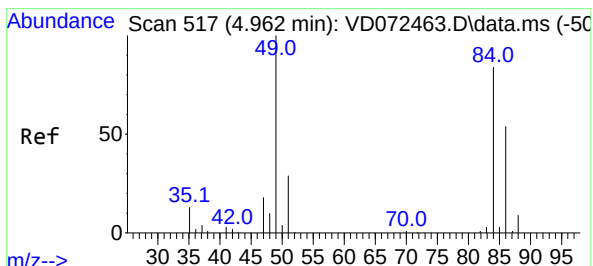
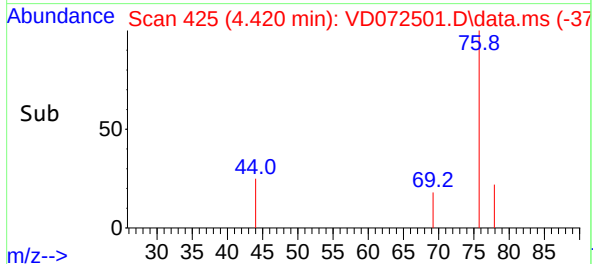
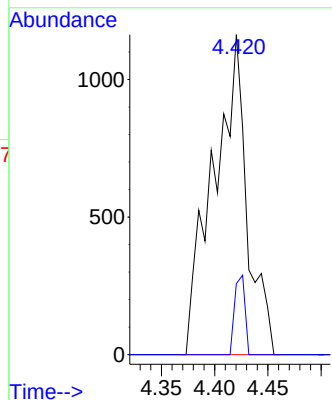
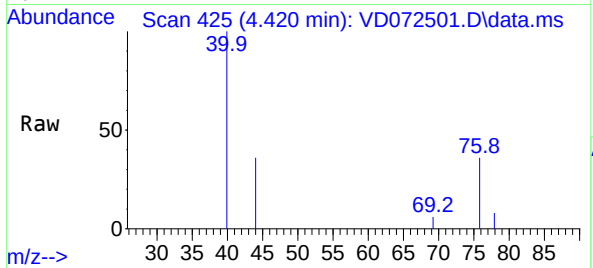




#17
Carbon Disulfide
Concen: 3.914 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

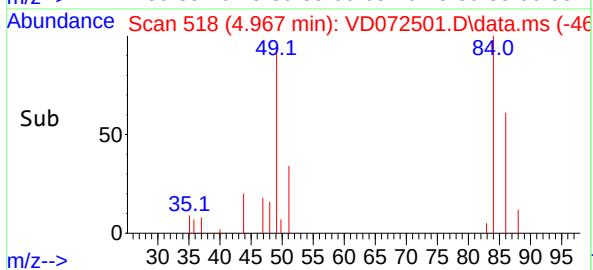
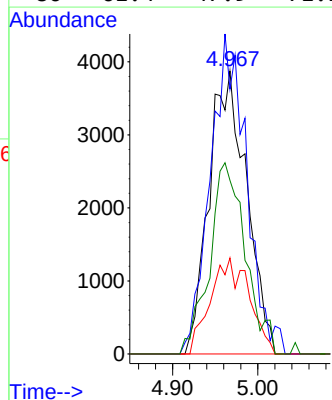
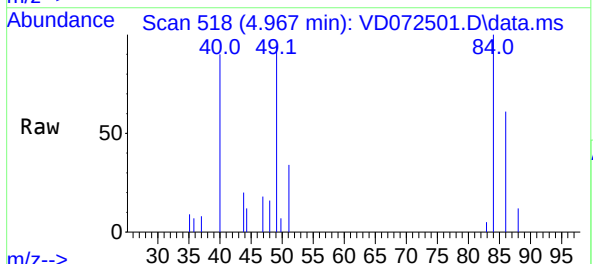
Instrument :
MSVOA_D
ClientSampleId :
SB-3

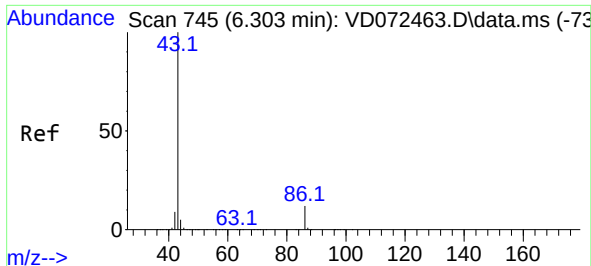
Tgt Ion: 76 Resp: 2557
Ion Ratio Lower Upper
76 100
78 22.2 7.5 11.3#



#20
Methylene Chloride
Concen: 2.092 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 84 Resp: 11908
Ion Ratio Lower Upper
84 100
49 93.6 112.8 169.2#
51 34.0 32.6 48.8
86 61.4 47.9 71.9

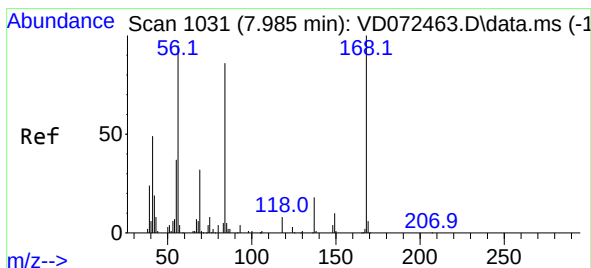
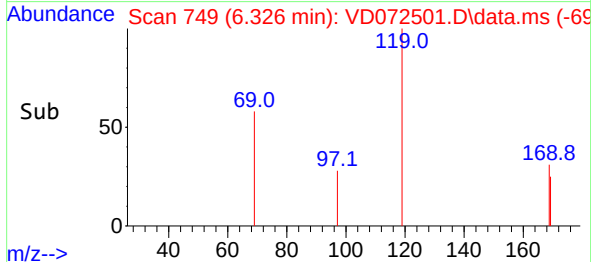
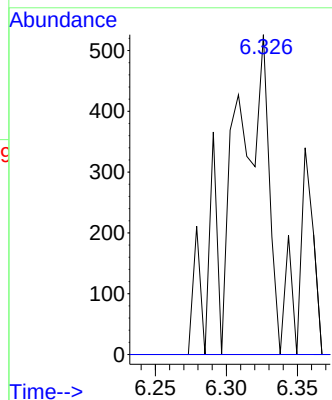
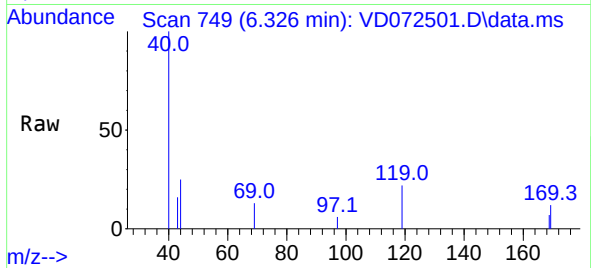




#23
 Vinyl Acetate
 Concen: 6.403 ug/l
 RT: 6.326 min Scan# 745
 Delta R.T. 0.023 min
 Lab File: VD072501.D
 Acq: 01 Apr 2022 14:28

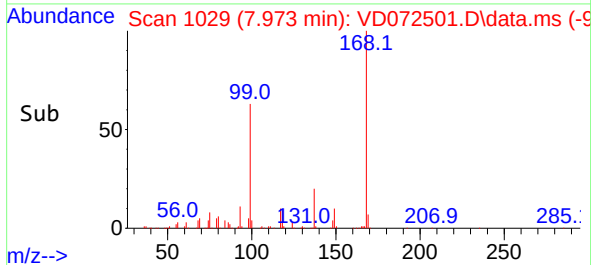
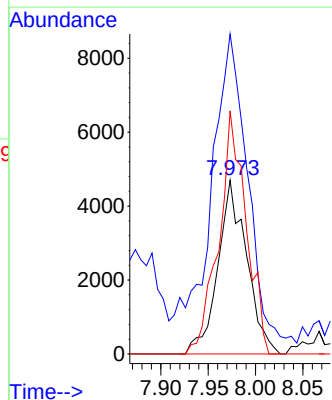
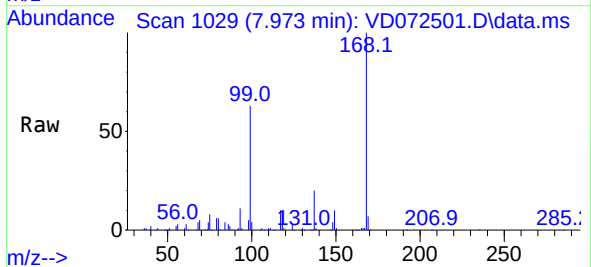
Instrument :
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 ClientSampleId :
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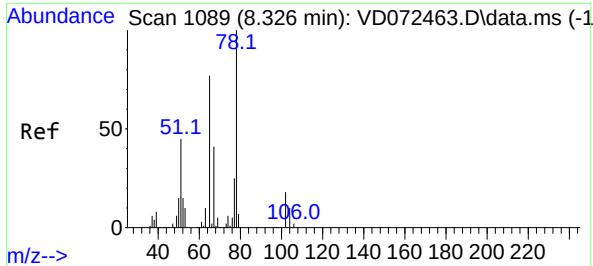
Tgt Ion: 43 Resp: 963
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.483 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD072501.D
 Acq: 01 Apr 2022 14:28

Tgt Ion: 56 Resp: 9947
 Ion Ratio Lower Upper
 56 100
 69 174.1 25.4 38.2#
 84 139.9 63.0 94.4#



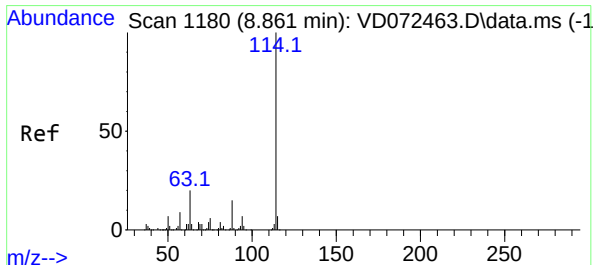
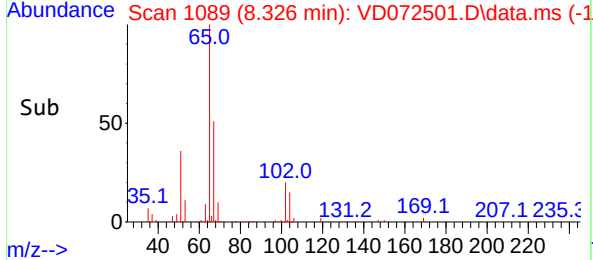
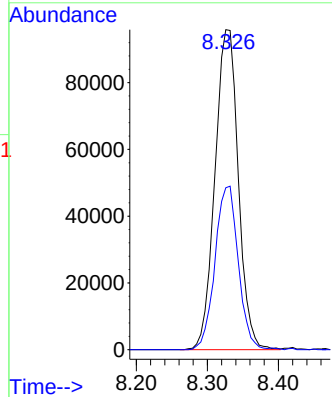
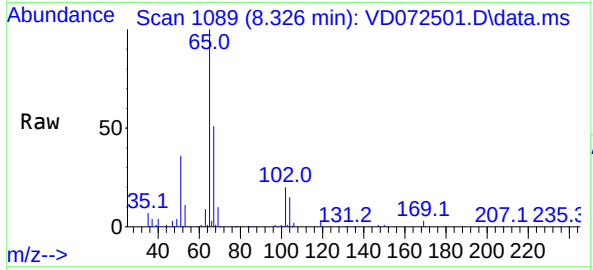


#33
 1,2-Dichloroethane-d4
 Concen: 42.635 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD072501.D
 Acq: 01 Apr 2022 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Tgt Ion: 65 Resp: 218663

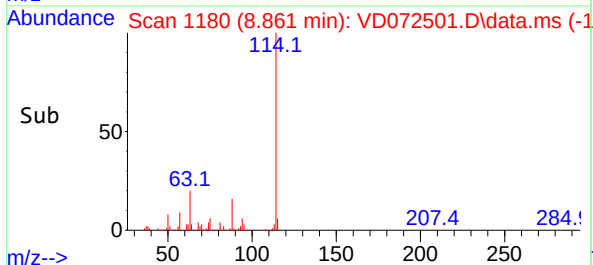
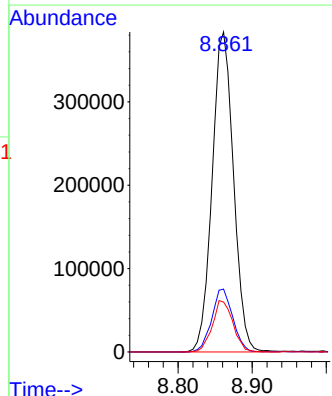
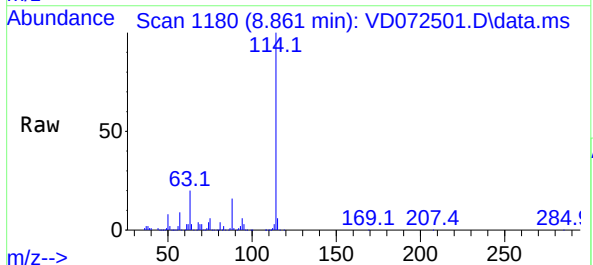
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.4

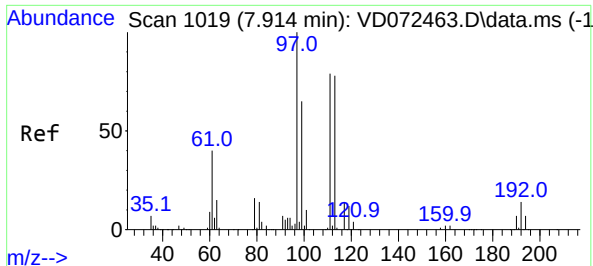


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.000 min
 Lab File: VD072501.D
 Acq: 01 Apr 2022 14:28

Tgt Ion: 114 Resp: 768865

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	46.6
88	15.6	0.0	33.2

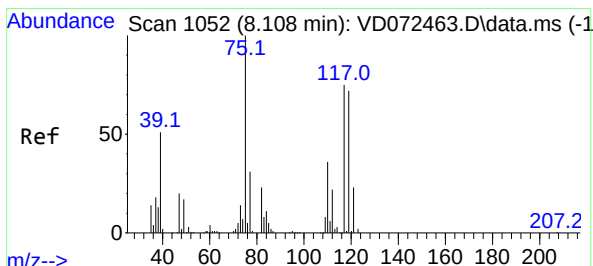
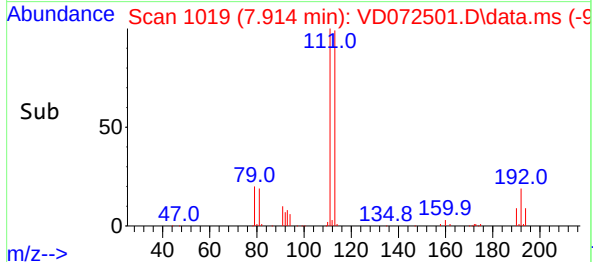
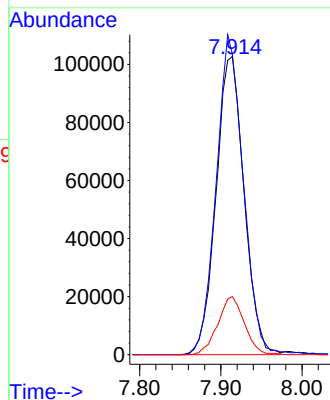
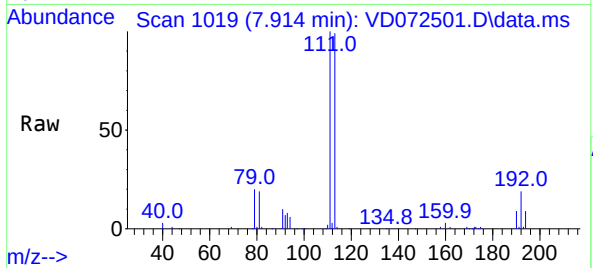




#35
Dibromofluoromethane
Concen: 41.181 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

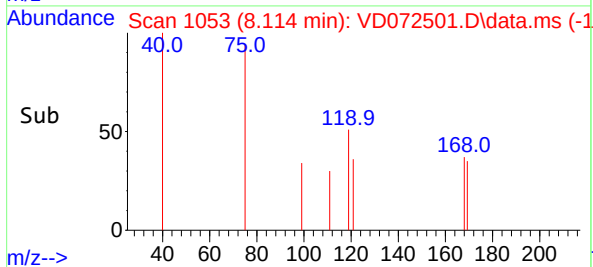
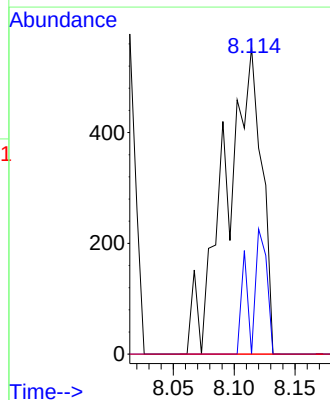
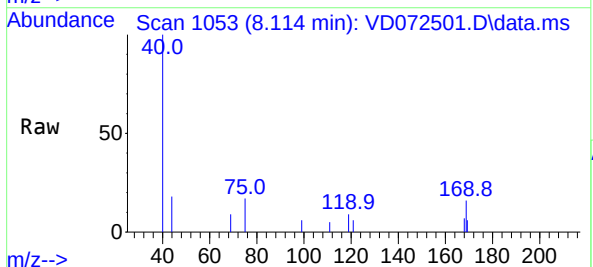
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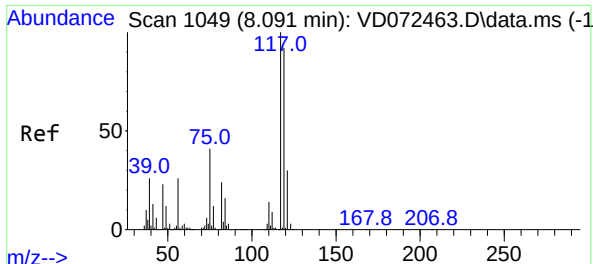
Tgt Ion:113 Resp: 246066
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.271 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
110 18.1 16.4 49.1
77 0.0 24.2 36.2#

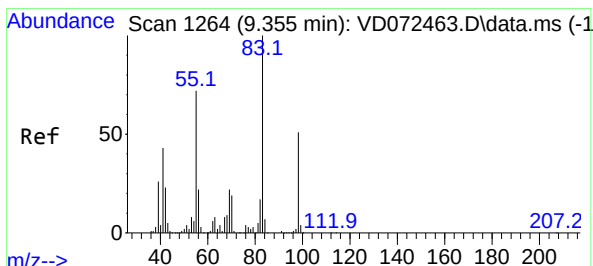
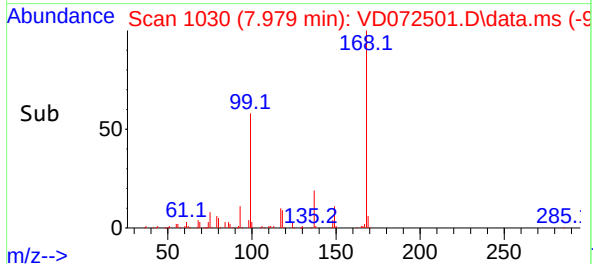
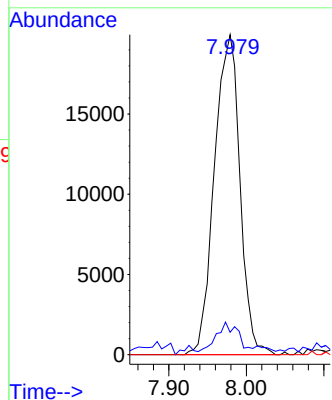
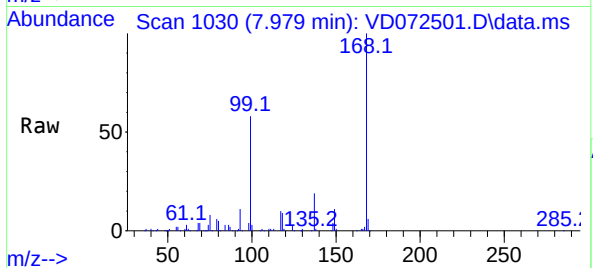




#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

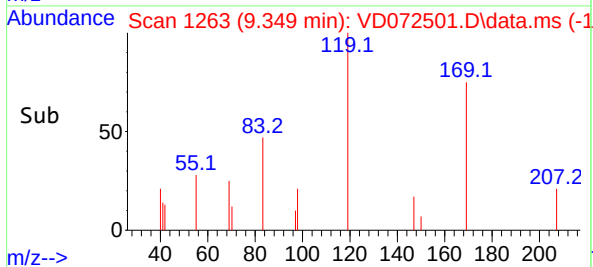
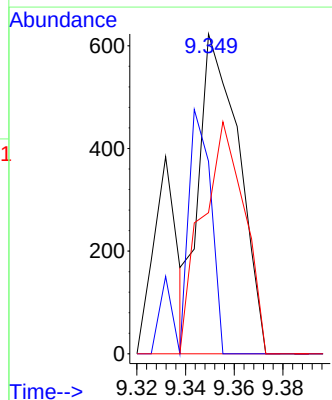
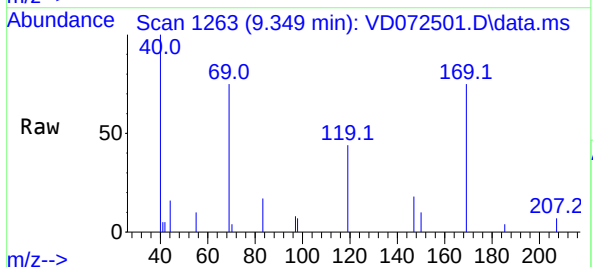
Instrument :
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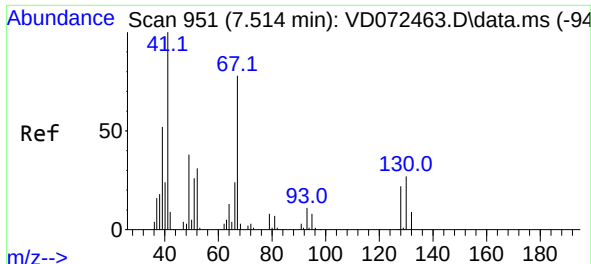
Tgt Ion:117 Resp: 45644
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.951 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 83 Resp: 705
Ion Ratio Lower Upper
83 100
55 60.2 63.2 94.8#
98 44.1 38.2 57.4

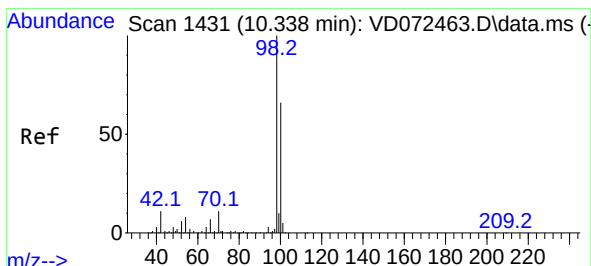
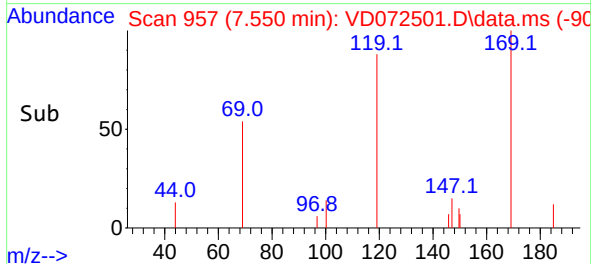
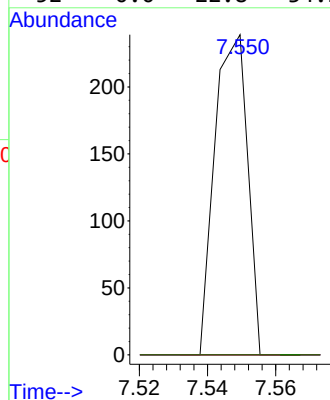
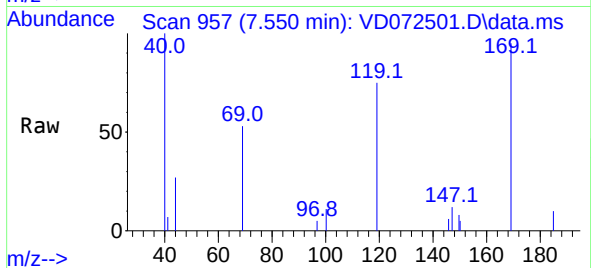




#41
Methacrylonitrile
Concen: 1.741 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.036 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

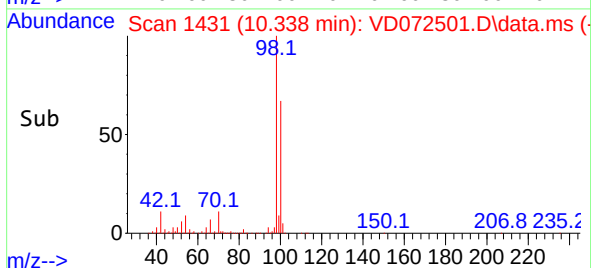
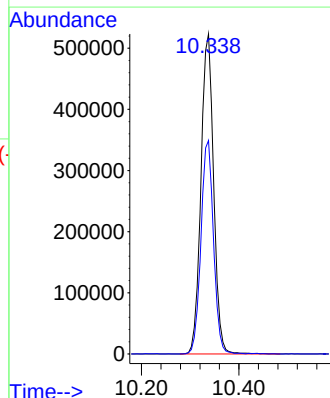
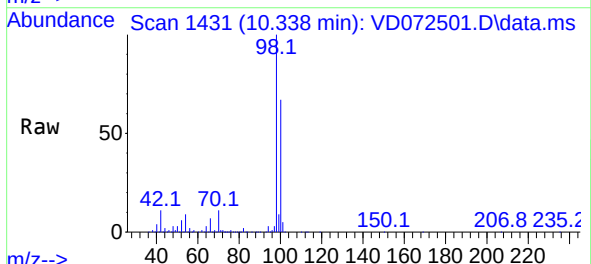
Instrument :
MSVOA_D
ClientSampleId :
SB-3

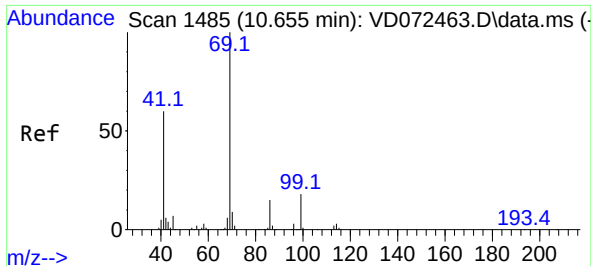
Tgt Ion: 41 Resp: 159
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#



#50
Toluene-d8
Concen: 45.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 98 Resp: 945260
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

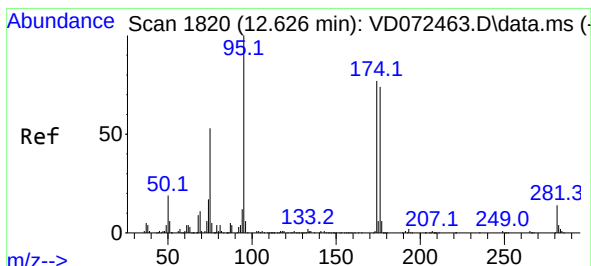
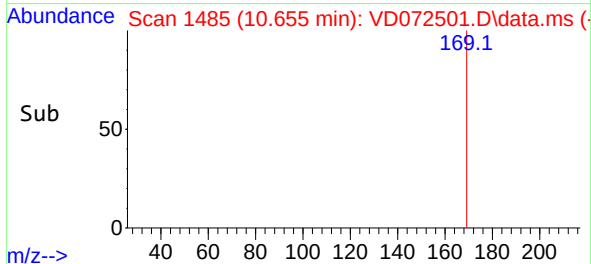
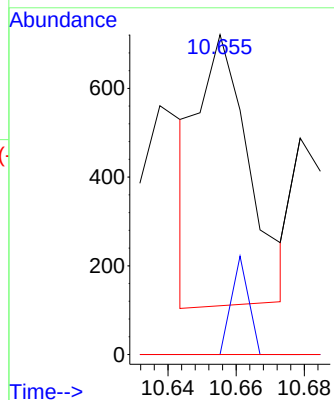
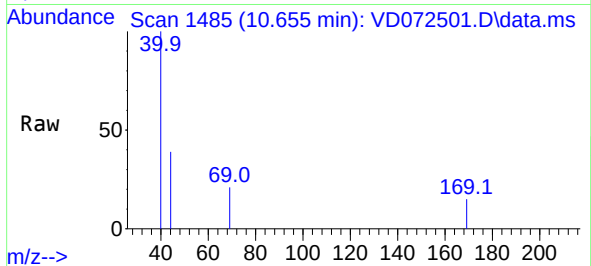




#56
Ethyl methacrylate
Concen: 1.299 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

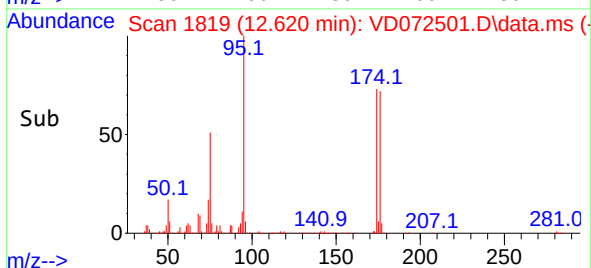
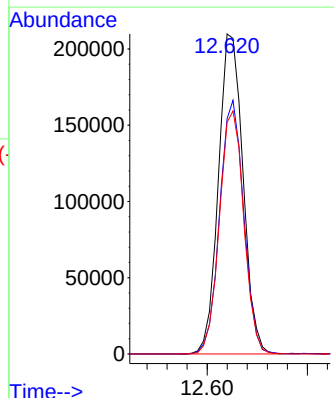
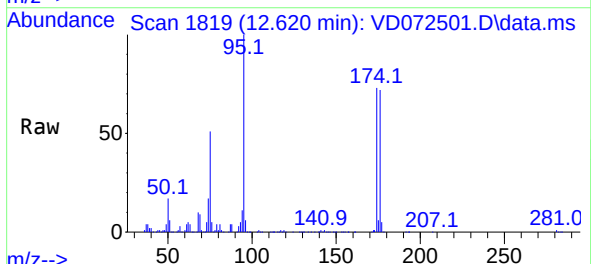
Instrument :
MSVOA_D
ClientSampleId :
SB-3

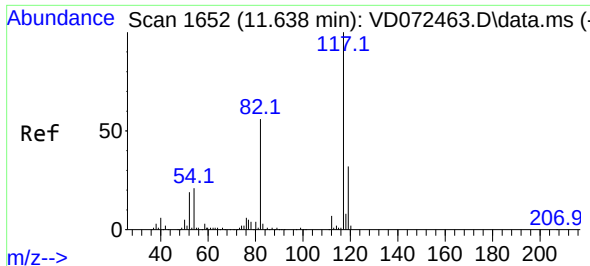
Tgt Ion: 69 Resp: 632
Ion Ratio Lower Upper
69 100
41 12.3 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 43.879 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 95 Resp: 355930
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 75.3 0.0 145.4

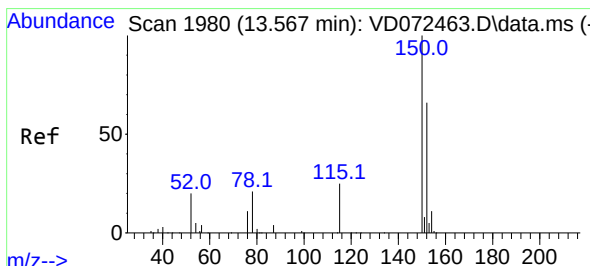
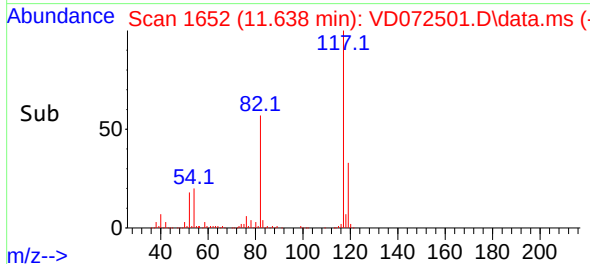
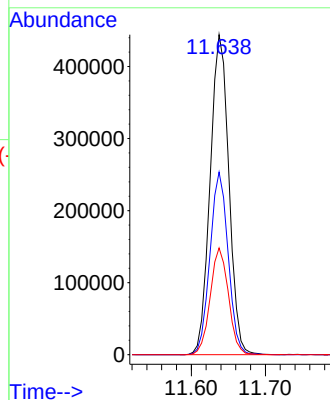
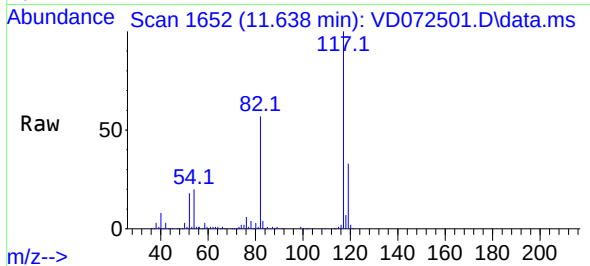




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

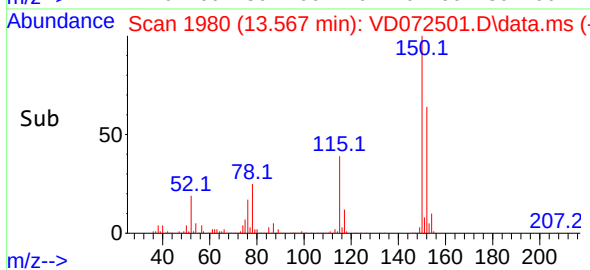
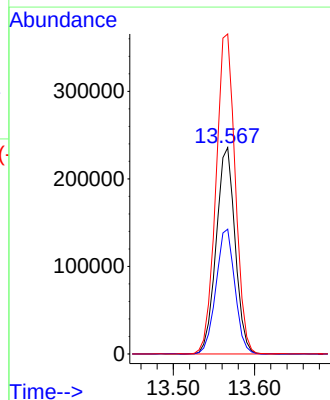
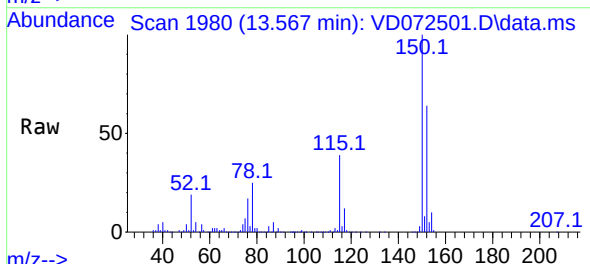
Instrument :
MSVOA_D
ClientSampleId :
SB-3

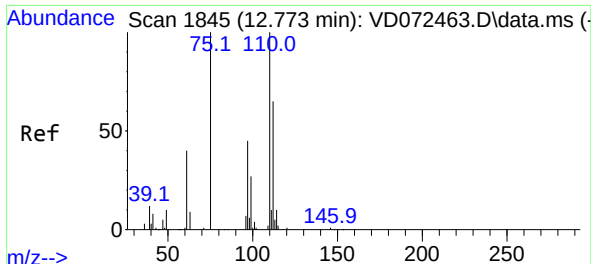
Tgt Ion:117 Resp: 778240
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 33.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion:152 Resp: 381701
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 157.9 0.0 348.6

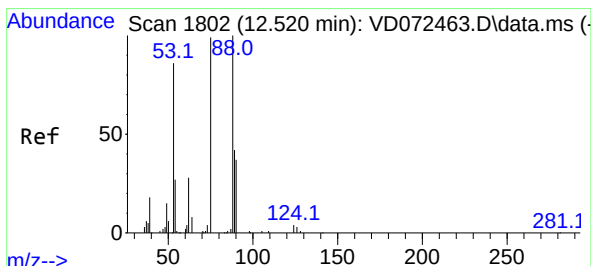
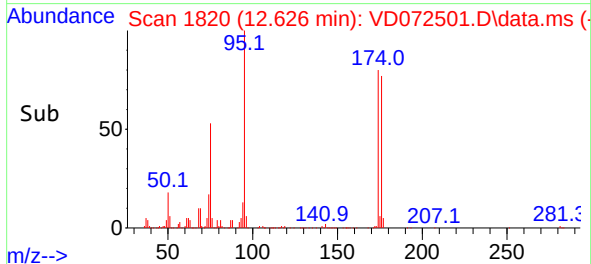
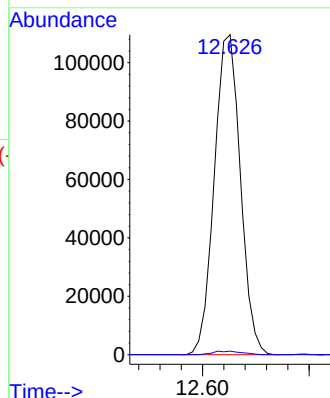
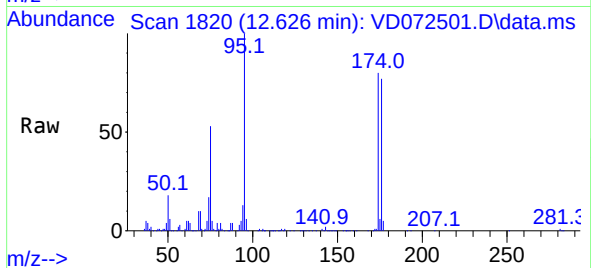




#76
1,2,3-Trichloropropane
Concen: 44.686 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion: 75 Resp: 186030
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.650 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 75 Resp: 186030
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

