

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072532.D
 Acq On : 05 Apr 2022 13:52
 Operator : VA/SY
 Sample : N2256-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-040422

Quant Time: Apr 06 01:12:05 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)

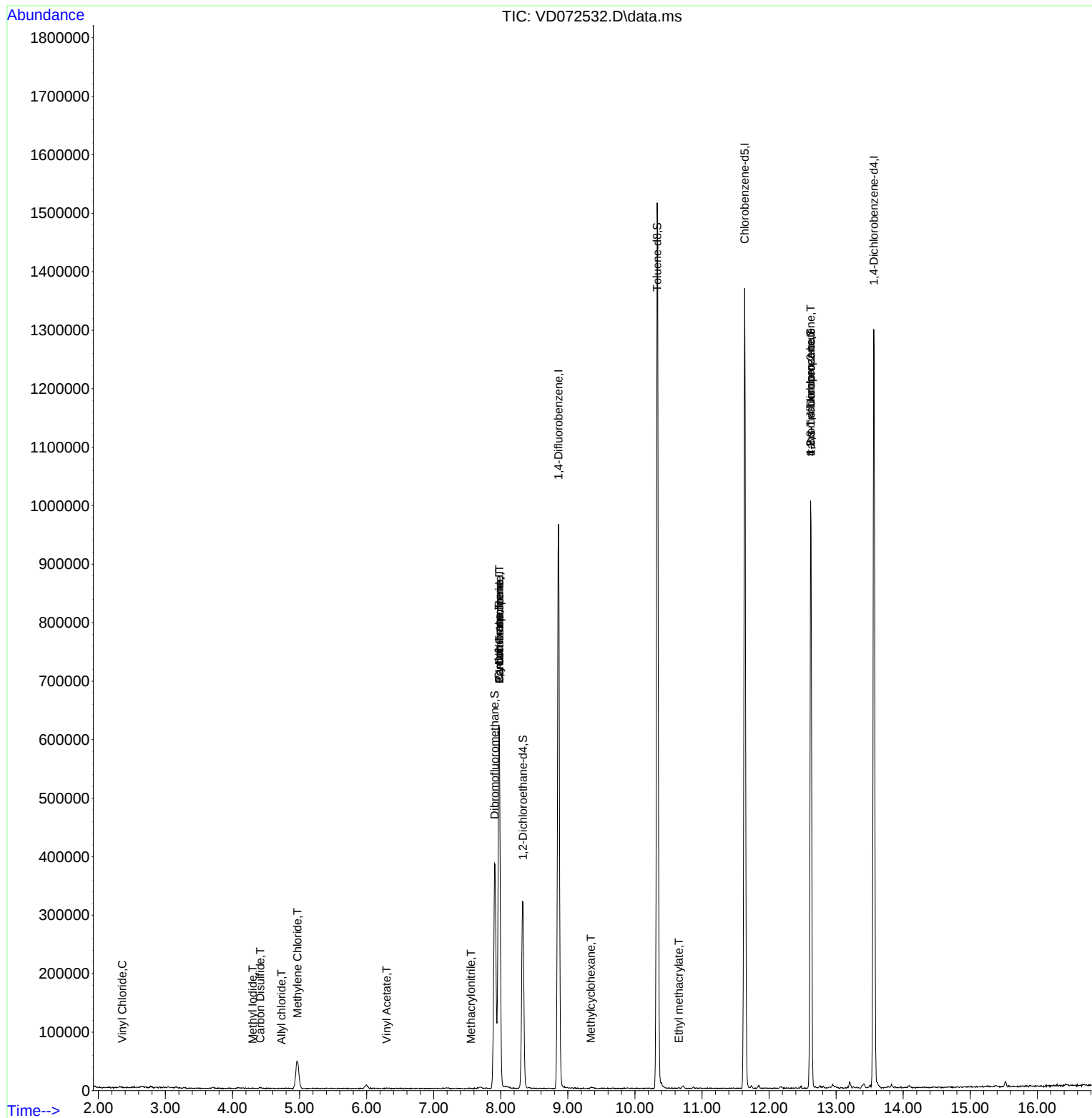
Internal Standards						
1) Pentafluorobenzene	7.979	168	454136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	845163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	781955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	351472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	261684	47.634	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.908	113	284680	43.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.680%		
50) Toluene-d8	10.332	98	1039667	45.537	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.080%		
62) 4-Bromofluorobenzene	12.620	95	341064	38.251	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.500%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.356	62	442	1.063	ug/l #	43
10) Methyl Iodide	4.303	142	1129	3.946	ug/l #	45
14) Allyl chloride	4.732	41	270	1.164	ug/l #	44
17) Carbon Disulfide	4.414	76	2678	3.907	ug/l #	74
20) Methylene Chloride	4.967	84	40336	6.614	ug/l #	77
23) Vinyl Acetate	6.297	43	128	6.303	ug/l #	75
31) Cyclohexane	7.973	56	10157	1.414	ug/l #	2
36) 1,1-Dichloropropene	7.979	75	38202	5.573	ug/l #	52
38) Carbon Tetrachloride	7.979	117	48108	5.317	ug/l #	17
39) Methylcyclohexane	9.344	83	911	2.964	ug/l #	60
41) Methacrylonitrile	7.555	41	126	1.718	ug/l #	27
56) Ethyl methacrylate	10.655	69	161	1.216	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	171901	44.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	171901	110.037	ug/l #	7

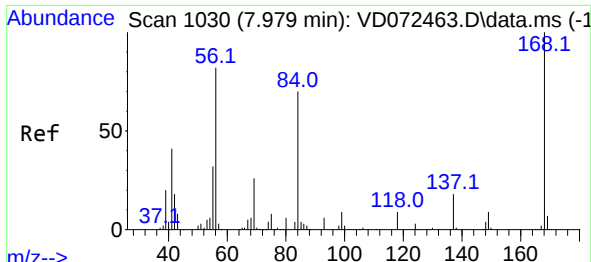
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD072532.D
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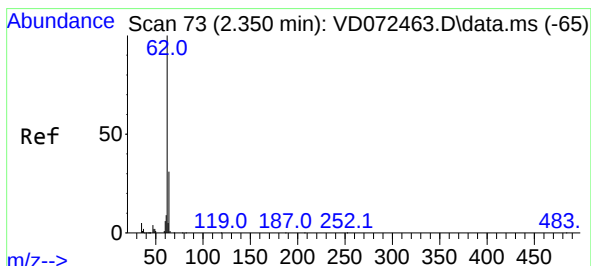
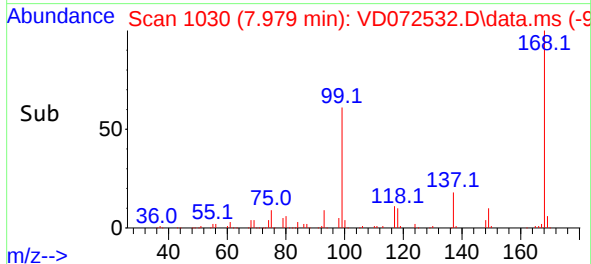
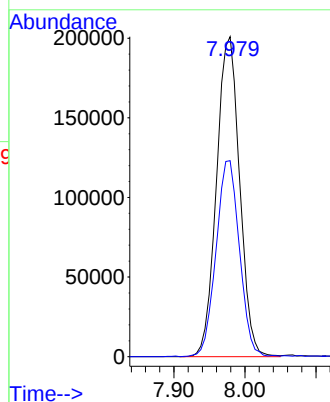
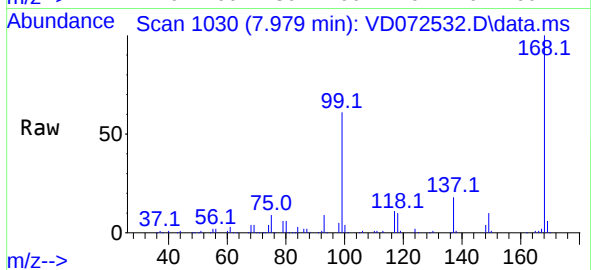




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

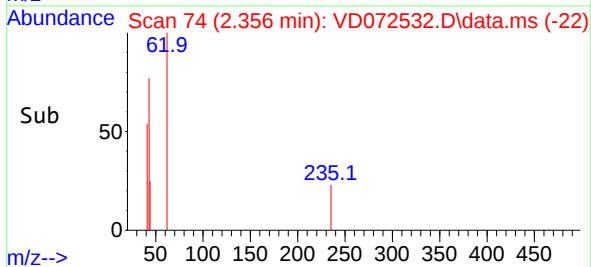
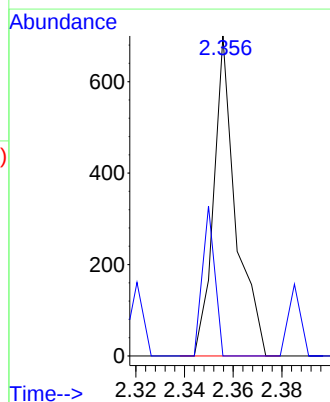
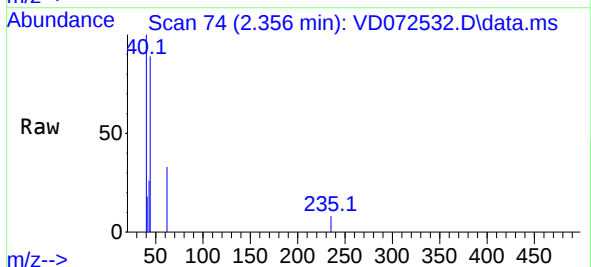
Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

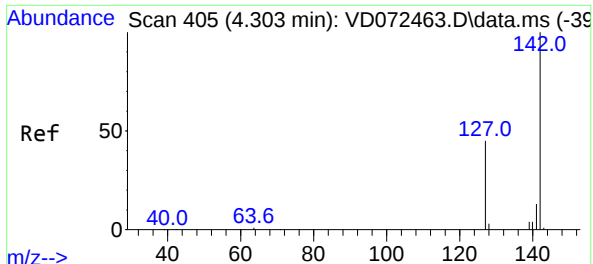
Tgt Ion:168 Resp: 454136
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#4
Vinyl Chloride
Concen: 1.063 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 62 Resp: 442
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

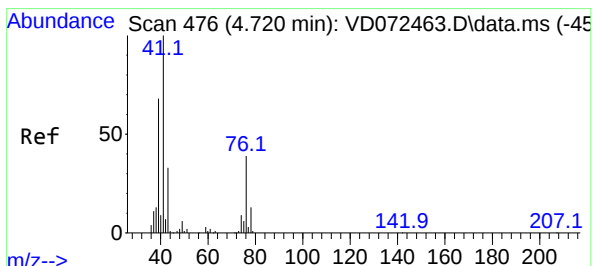
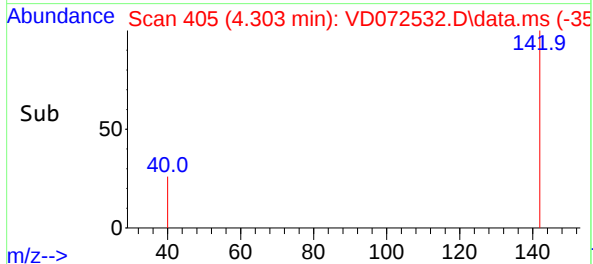
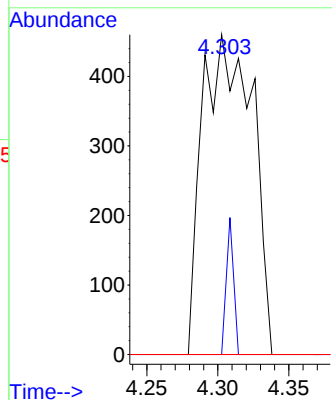
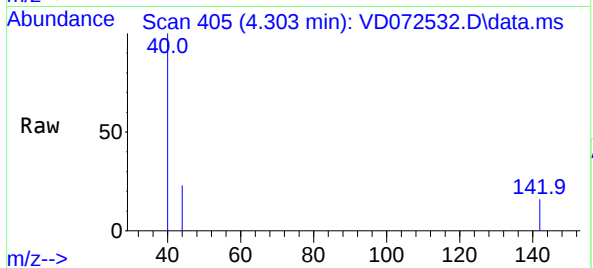




#10
Methyl Iodide
Concen: 3.946 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

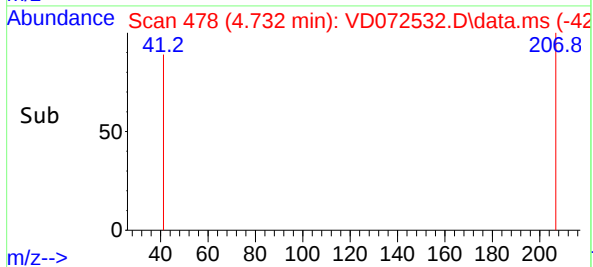
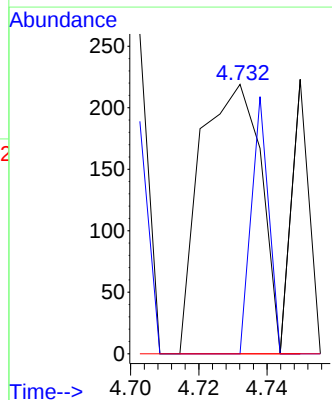
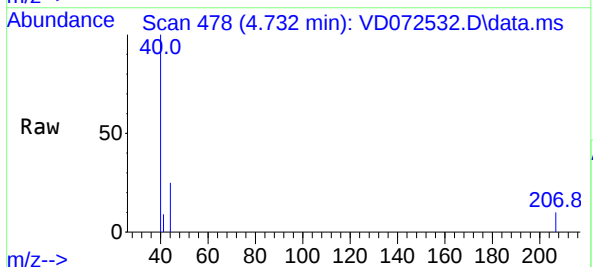
Instrument :
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ClientSampleId :
SU-02-040422

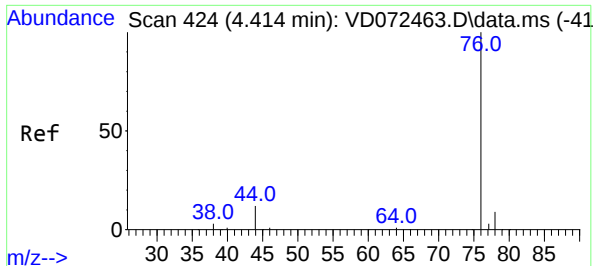
Tgt Ion:	142	Resp:	1129
Ion	Ratio	Lower	Upper
142	100		
127	6.2	37.3	55.9#
141	0.0	11.7	17.5#



#14
Allyl chloride
Concen: 1.164 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.012 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion:	41	Resp:	270
Ion	Ratio	Lower	Upper
41	100		
39	27.4	59.3	88.9#
76	0.0	25.7	38.5#

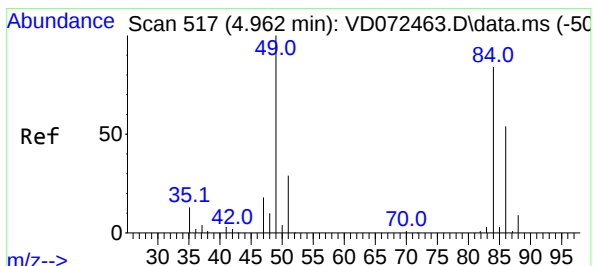
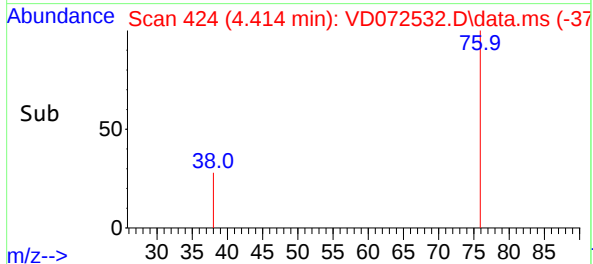
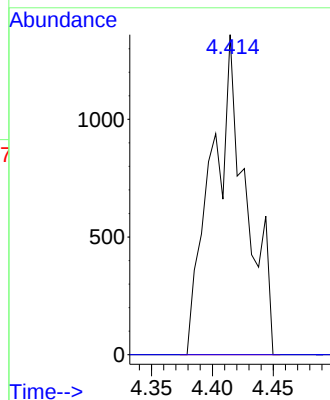
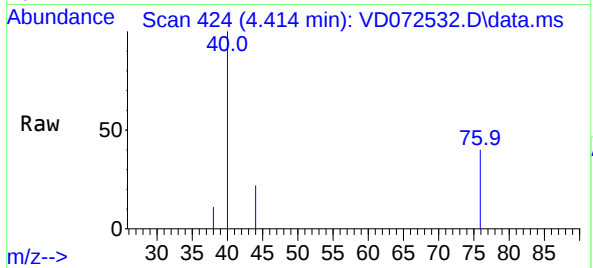




#17
Carbon Disulfide
Concen: 3.907 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

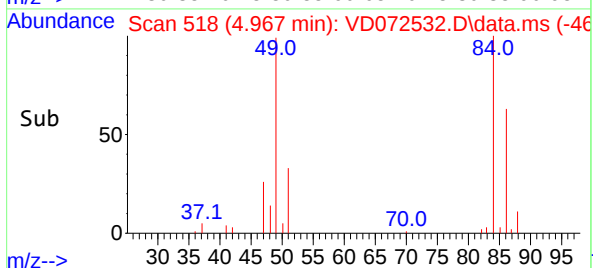
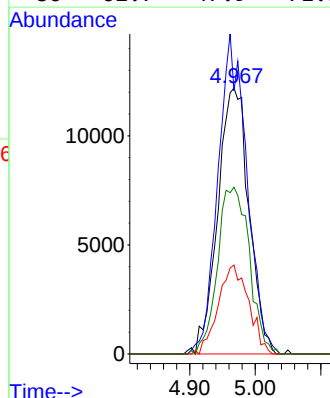
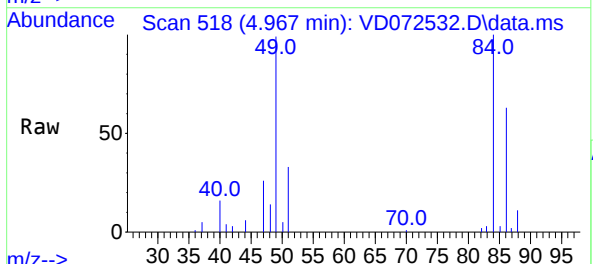
Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

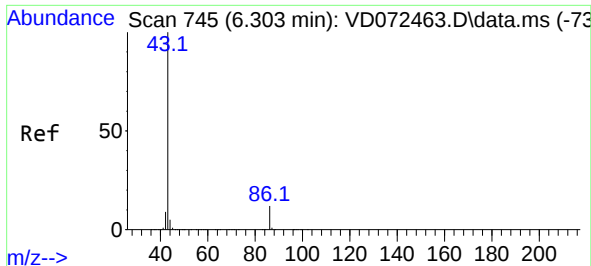
Tgt Ion: 76 Resp: 2678
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 6.614 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 84 Resp: 40336
Ion Ratio Lower Upper
84 100
49 99.0 112.8 169.2#
51 33.5 32.6 48.8
86 62.7 47.9 71.9

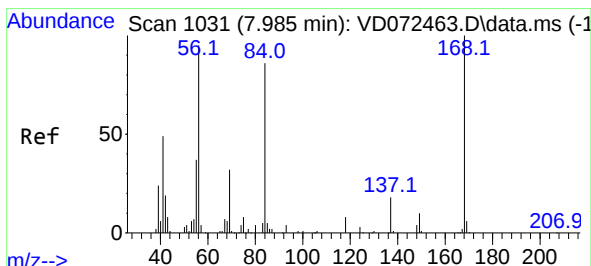
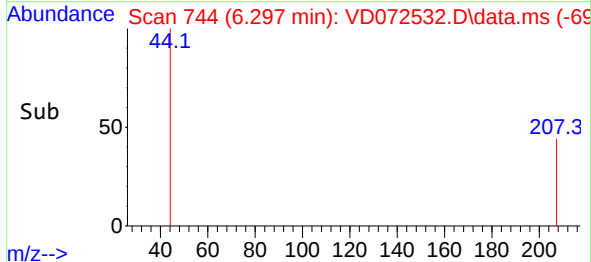
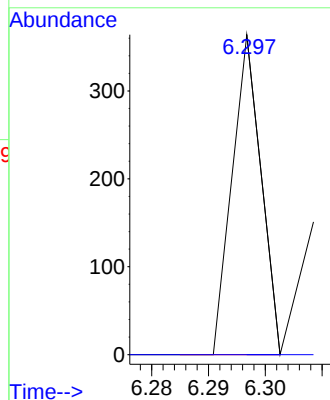
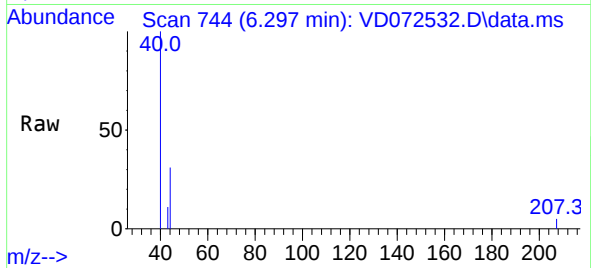




#23
 Vinyl Acetate
 Concen: 6.303 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD072532.D
 Acq: 05 Apr 2022 13:52

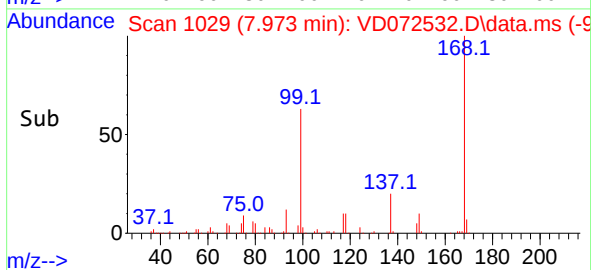
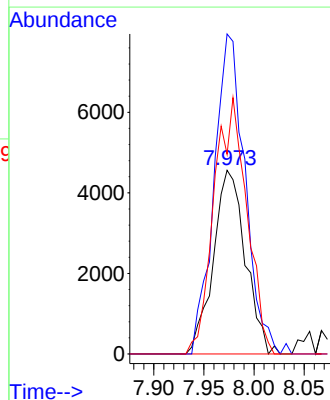
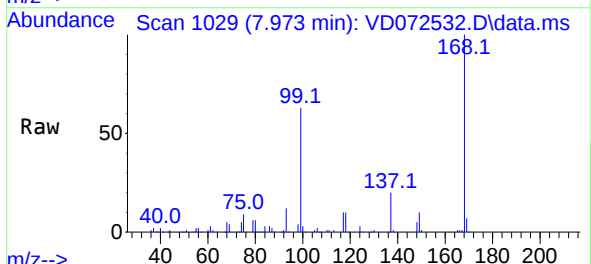
Instrument :
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 ClientSampleId :
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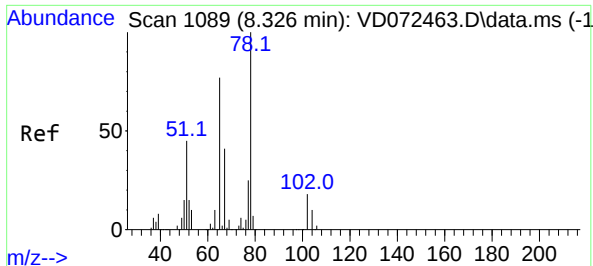
Tgt Ion: 43 Resp: 128
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.414 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD072532.D
 Acq: 05 Apr 2022 13:52

Tgt Ion: 56 Resp: 10157
 Ion Ratio Lower Upper
 56 100
 69 174.3 25.4 38.2#
 84 108.7 63.0 94.4#

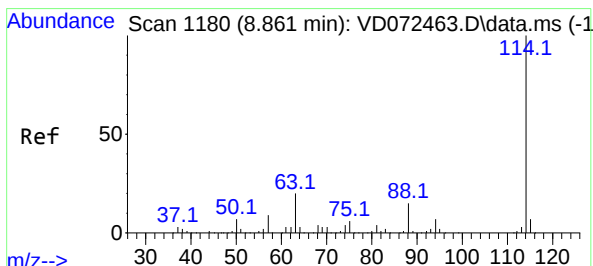
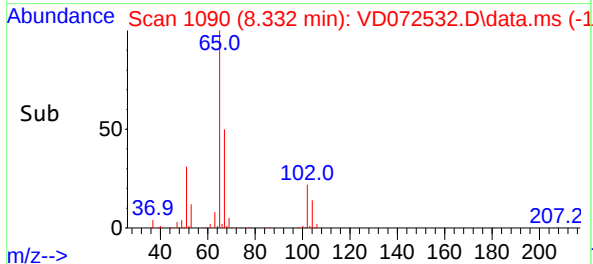
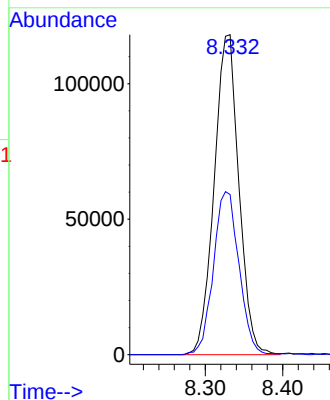
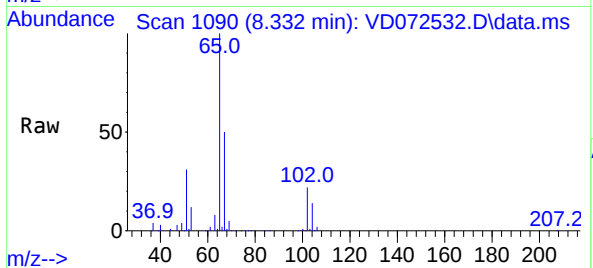




#33
1,2-Dichloroethane-d4
Concen: 47.634 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

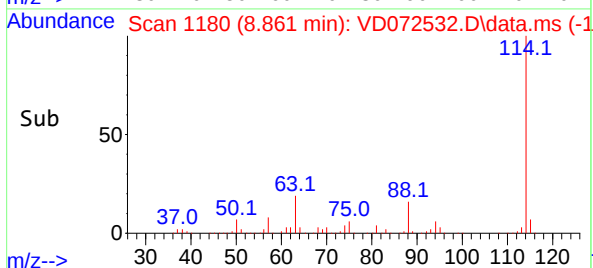
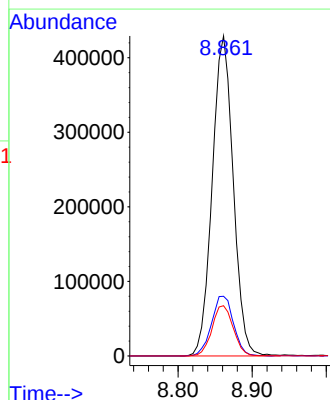
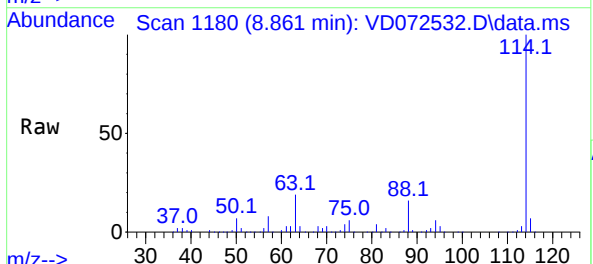
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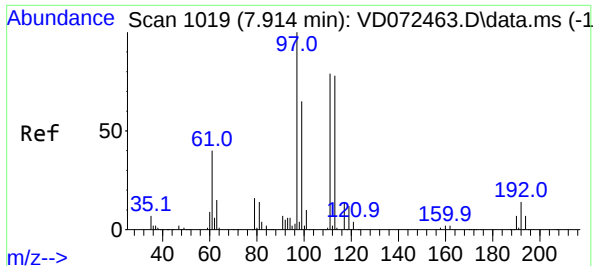
Tgt Ion: 65 Resp: 261684
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 114 Resp: 845163
Ion Ratio Lower Upper
114 100
63 18.7 0.0 46.6
88 15.7 0.0 33.2

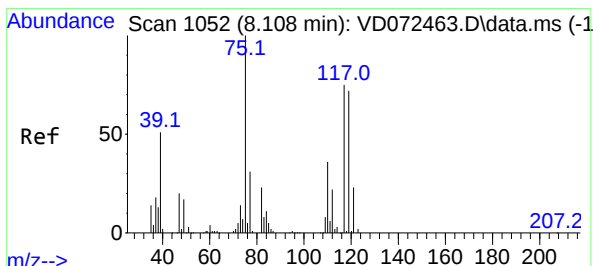
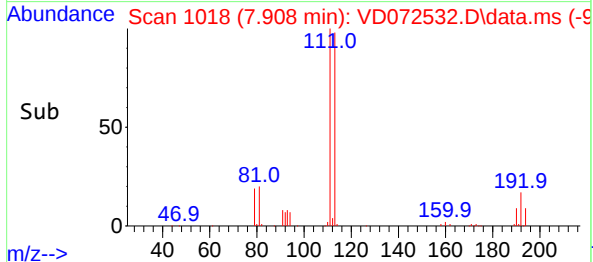
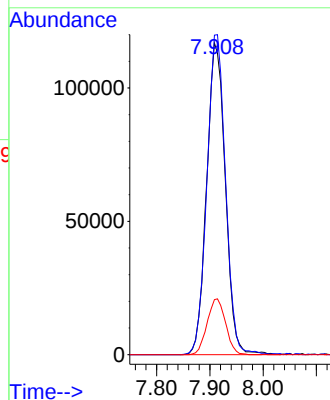
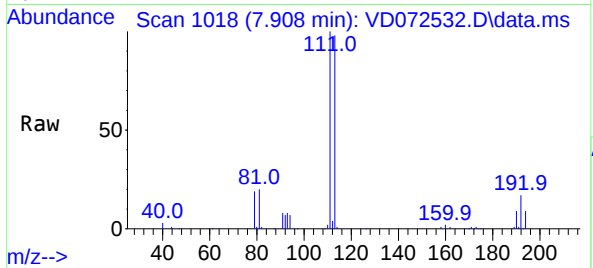




#35
Dibromofluoromethane
Concen: 43.343 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

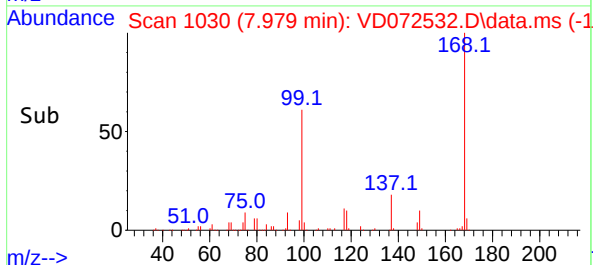
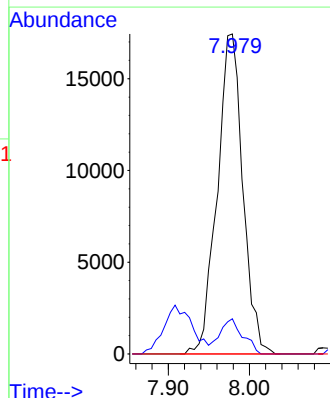
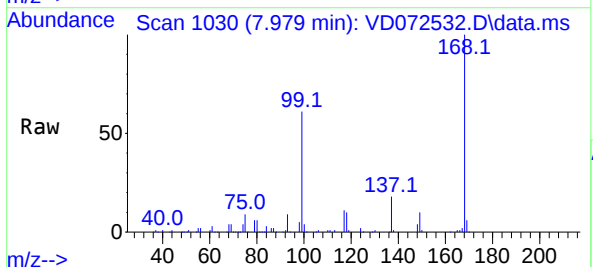
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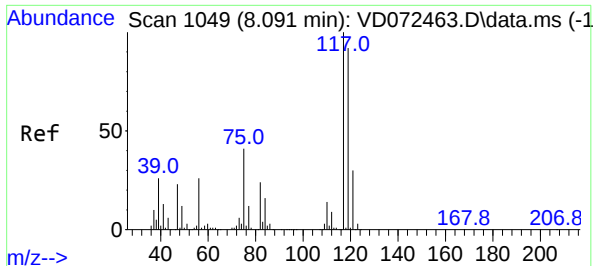
Tgt Ion:113 Resp: 284680
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.573 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 75 Resp: 38202
Ion Ratio Lower Upper
75 100
110 10.0 16.4 49.1#
77 0.0 24.2 36.2#

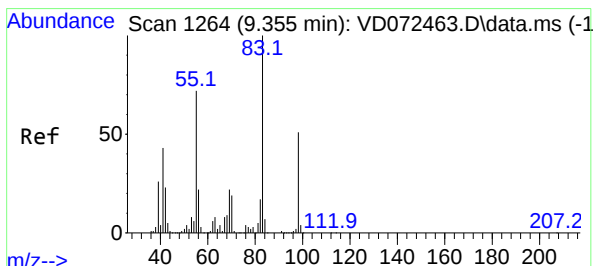
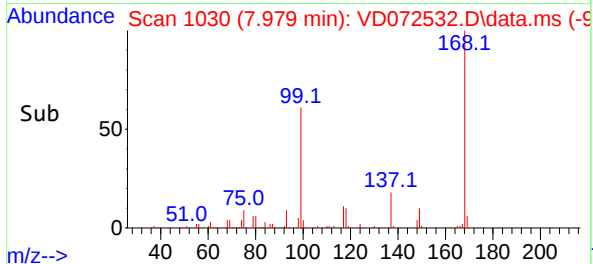
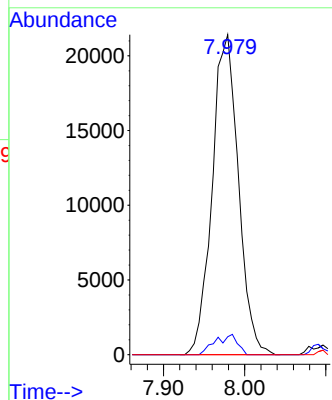
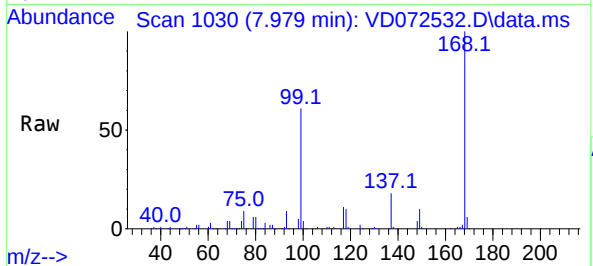




#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

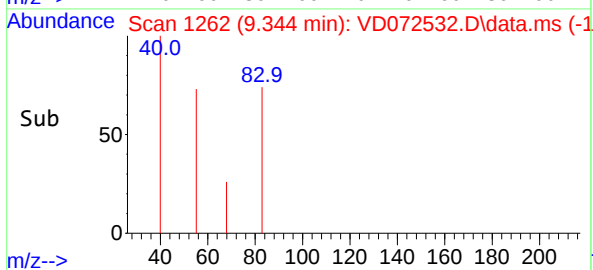
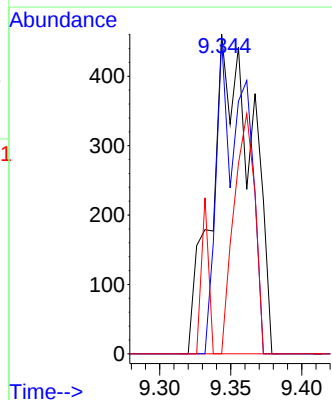
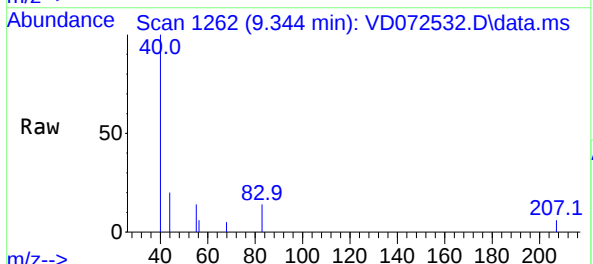
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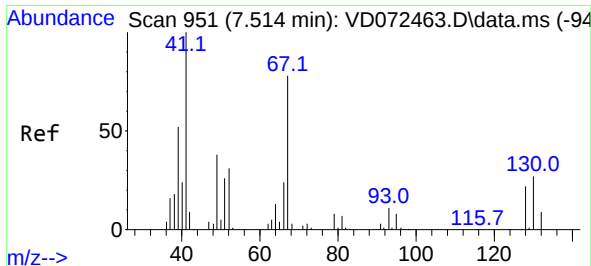
Tgt Ion:117 Resp: 48108
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.964 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.011 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 83 Resp: 911
Ion Ratio Lower Upper
83 100
55 98.3 63.2 94.8#
98 0.0 38.2 57.4#

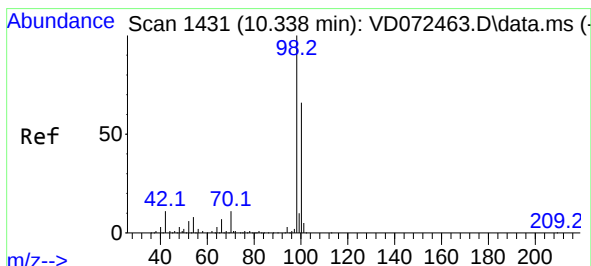
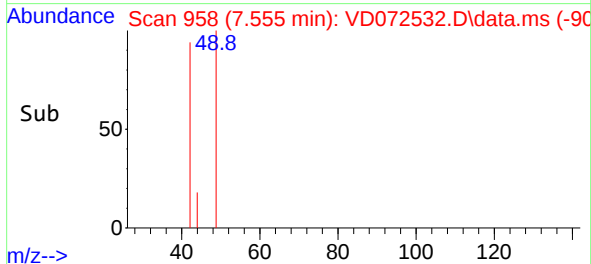
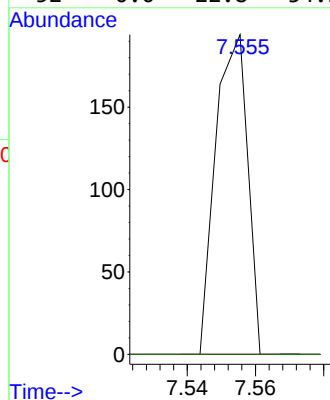
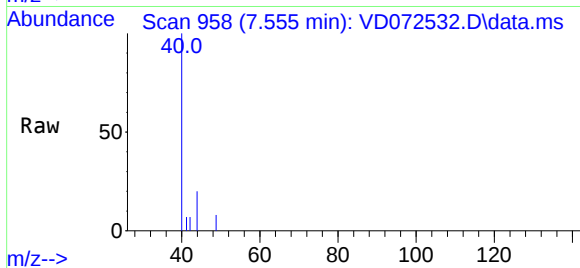




#41
Methacrylonitrile
Concen: 1.718 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

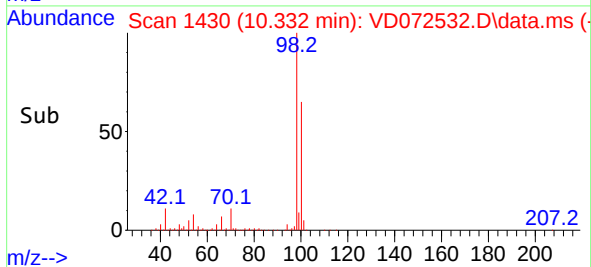
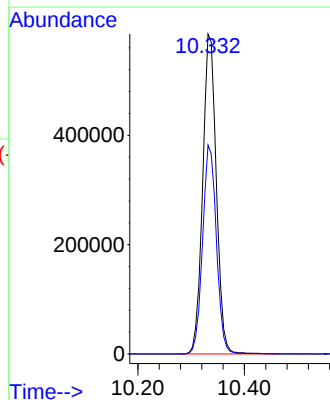
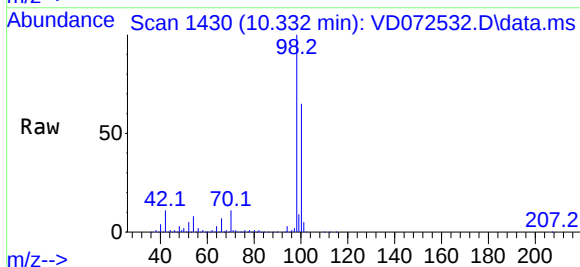
Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

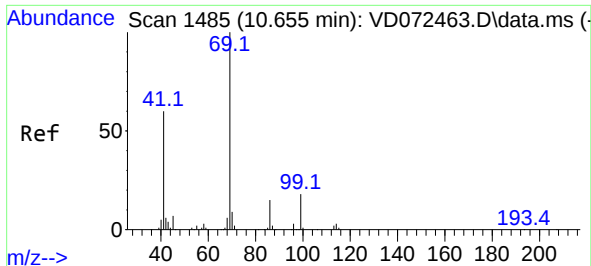
Tgt	Ion: 41	Resp:	126
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#50
Toluene-d8
Concen: 45.537 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 98	Resp: 1039667
Ion Ratio	Lower Upper
98 100	
100 66.0	52.4 78.6

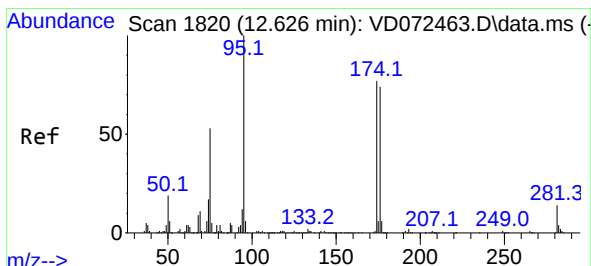
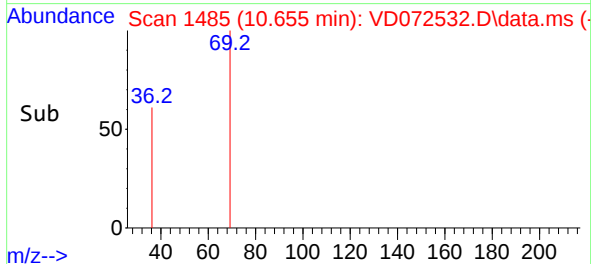
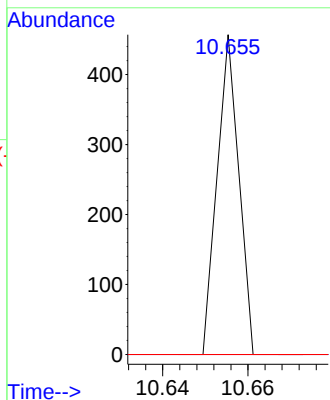
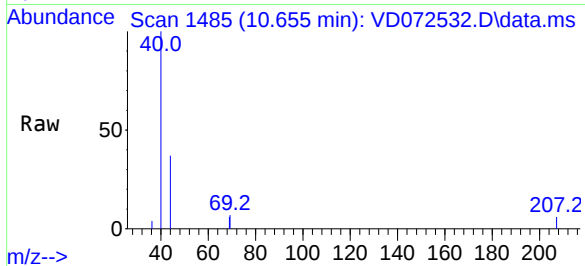




#56
Ethyl methacrylate
Concen: 1.216 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

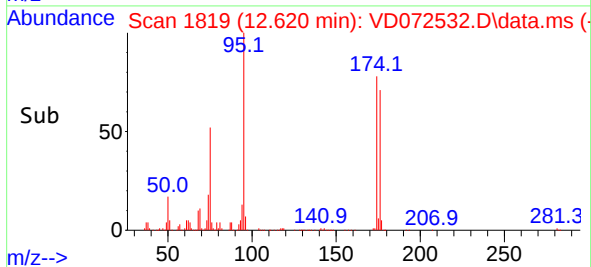
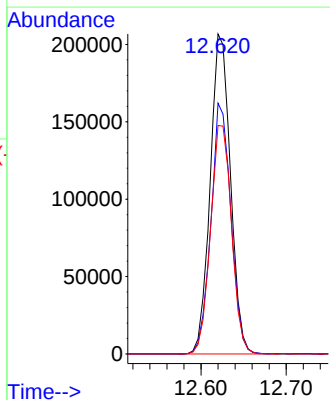
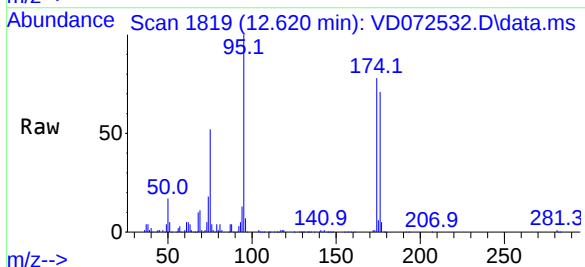
Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

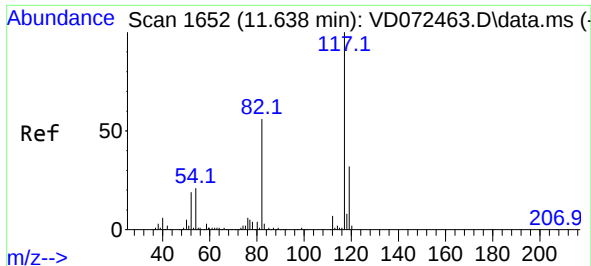
Tgt Ion: 69 Resp: 161
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 38.251 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

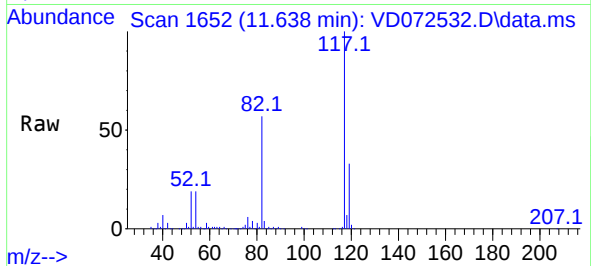
Tgt Ion: 95 Resp: 341064
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 73.9 0.0 145.4



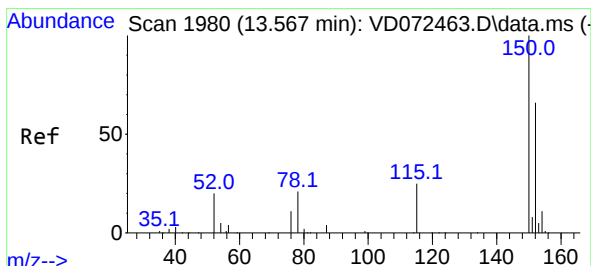
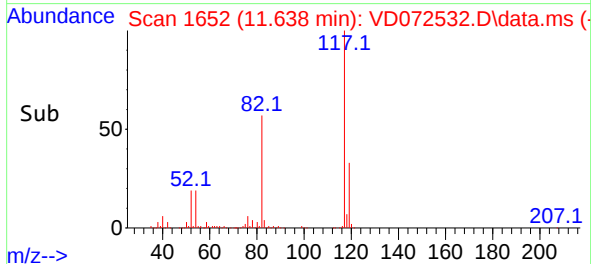
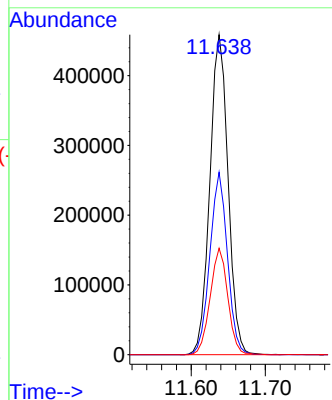


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

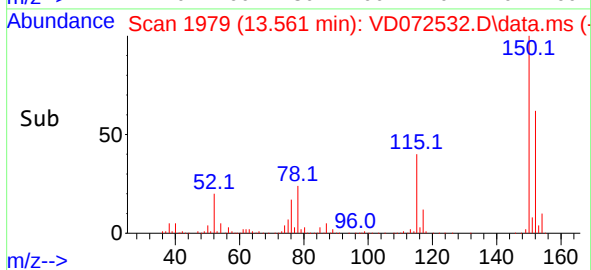
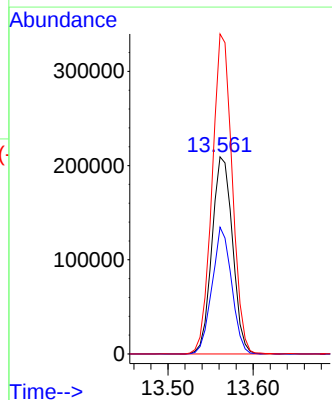
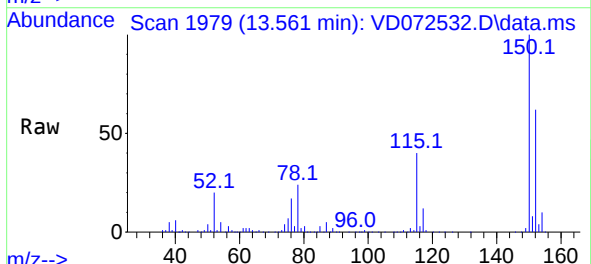


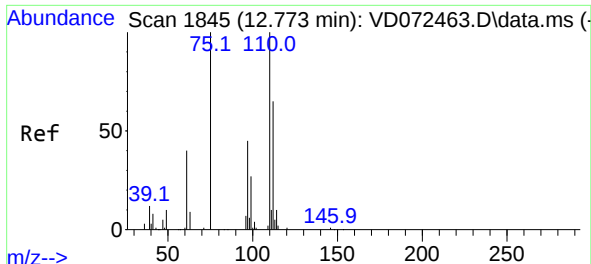
Tgt Ion:117 Resp: 781955
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 33.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion:152 Resp: 351472
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.5 0.0 348.6

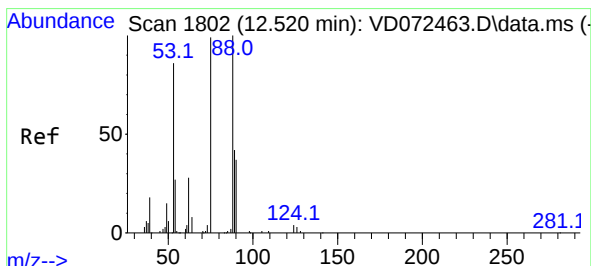
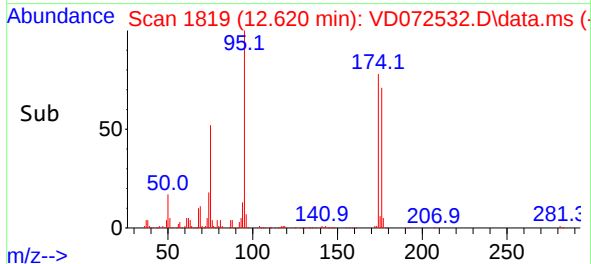
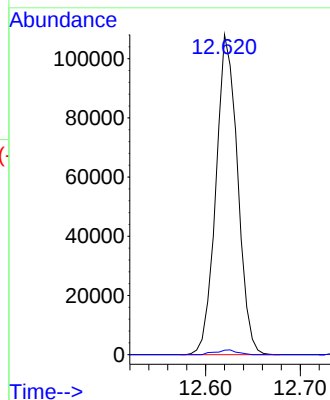
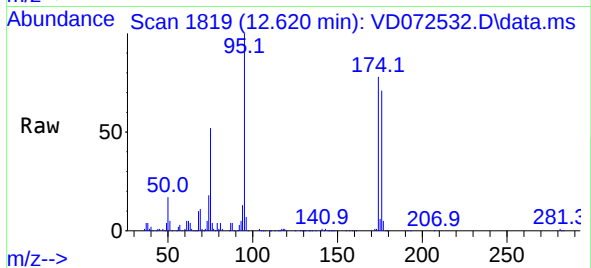




#76
1,2,3-Trichloropropane
Concen: 44.843 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

Tgt Ion: 75 Resp: 171901
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 75 Resp: 171901
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

