

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072527.D
 Acq On : 05 Apr 2022 10:52
 Operator : VA/SY
 Sample : VD0405SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

Quant Time: Apr 06 01:10:27 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)

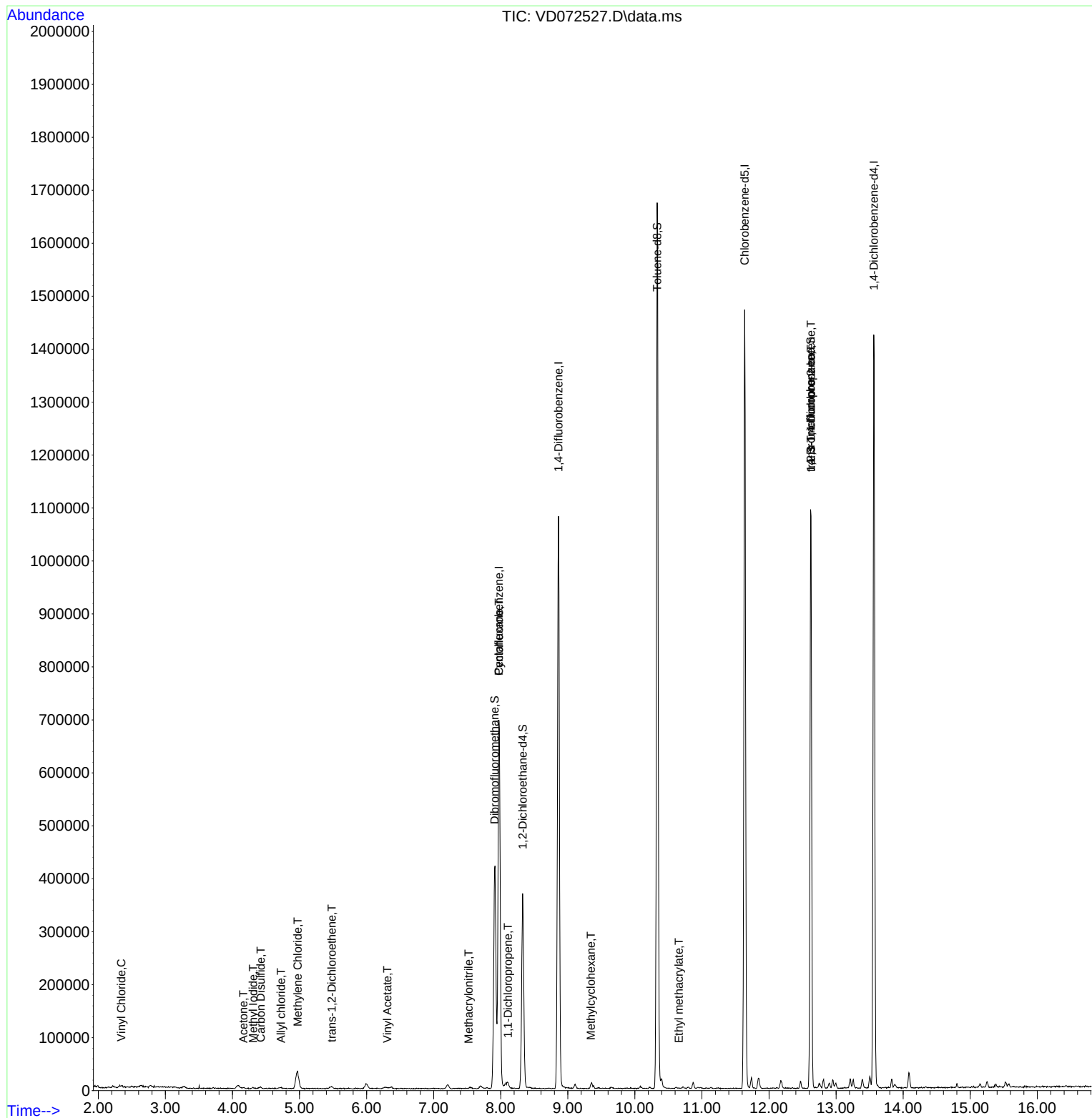
Internal Standards						
1) Pentafluorobenzene	7.973	168	504488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	934157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	865663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	390117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	280965	46.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.080%		
35) Dibromofluoromethane	7.909	113	304230	41.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.820%		
50) Toluene-d8	10.332	98	1130899	44.814	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.620	95	377488	38.302	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.600%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.344	62	2018	1.415	ug/l	93
10) Methyl Iodide	4.309	142	2728	4.198	ug/l #	87
14) Allyl chloride	4.726	41	923	1.240	ug/l #	68
16) Acetone	4.162	43	2928	2.573	ug/l	100
17) Carbon Disulfide	4.420	76	5810	4.175	ug/l #	89
20) Methylene Chloride	4.973	84	27663	4.083	ug/l #	72
21) trans-1,2-Dichloroethene	5.479	96	2407	1.183	ug/l #	53
23) Vinyl Acetate	6.309	43	4009	6.688	ug/l #	75
31) Cyclohexane	7.973	56	14065	1.763	ug/l #	17
36) 1,1-Dichloropropene	8.108	75	3692	1.513	ug/l	94
39) Methylcyclohexane	9.344	83	4067	3.231	ug/l #	73
41) Methacrylonitrile	7.520	41	120	1.710	ug/l #	39
56) Ethyl methacrylate	10.655	69	711	1.291	ug/l #	68
76) 1,2,3-Trichloropropane	12.626	75	193098	45.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	193098	111.361	ug/l #	7

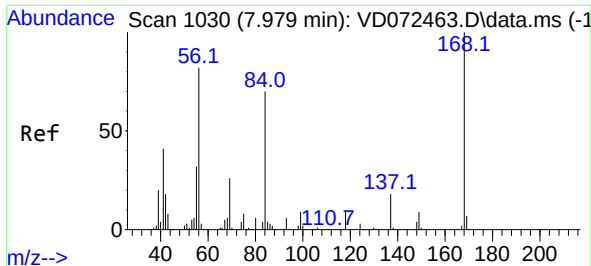
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Quant Time: Apr 06 01:10:27 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

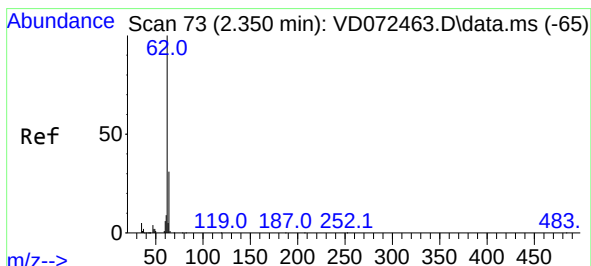
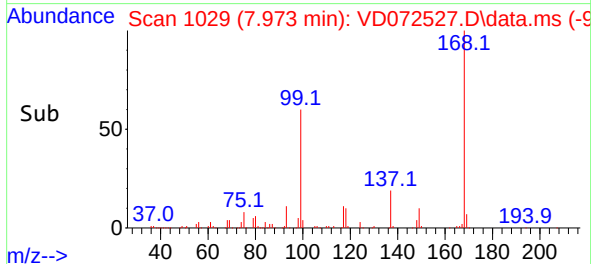
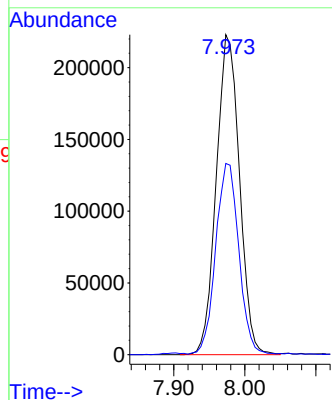
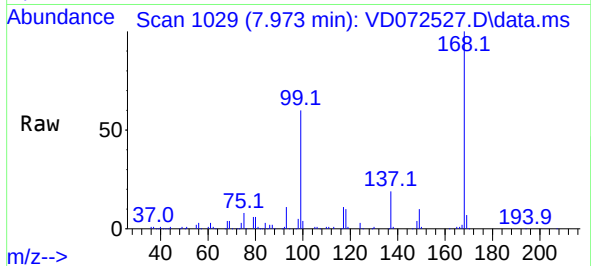




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

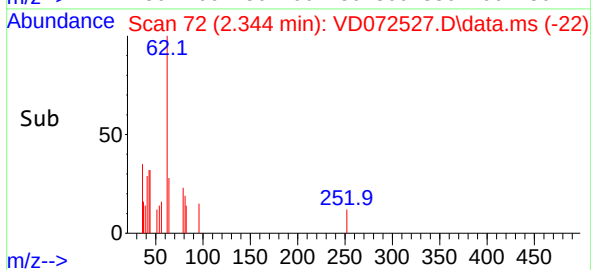
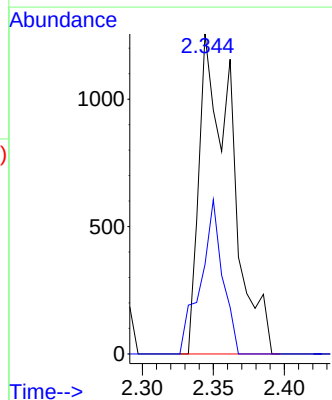
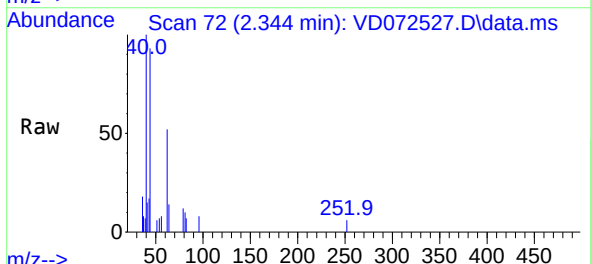
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

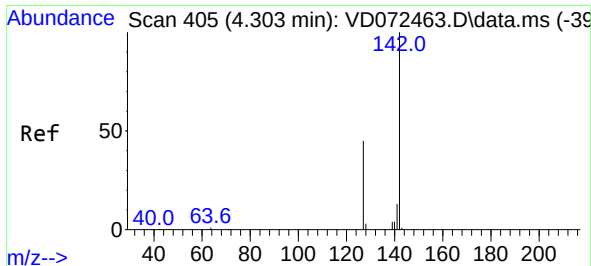
Tgt Ion:168 Resp: 504488
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#4
Vinyl Chloride
Concen: 1.415 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 62 Resp: 2018
Ion Ratio Lower Upper
62 100
64 27.9 25.4 38.0

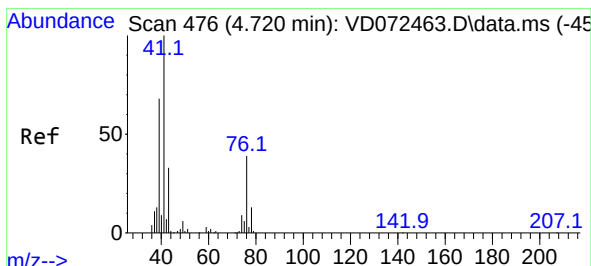
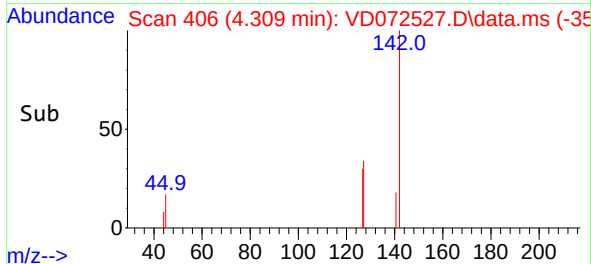
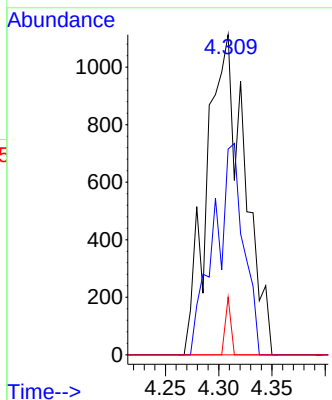
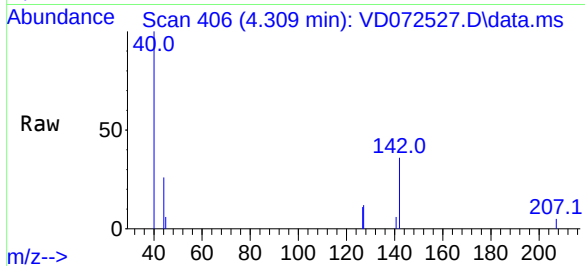




#10
Methyl Iodide
Concen: 4.198 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

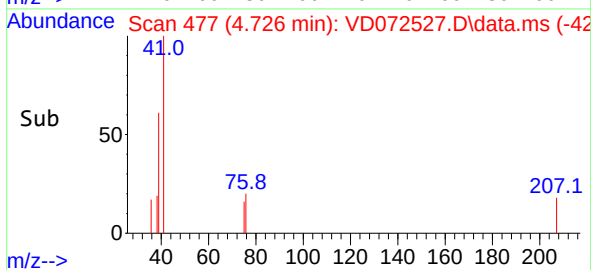
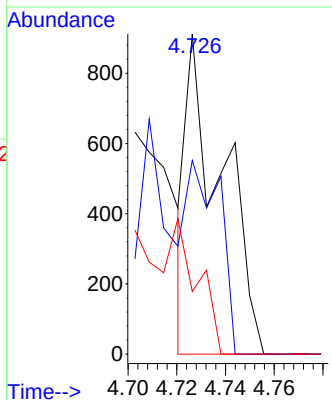
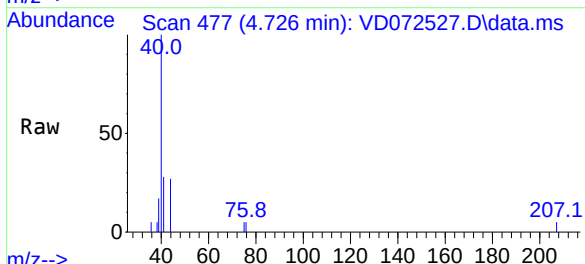
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

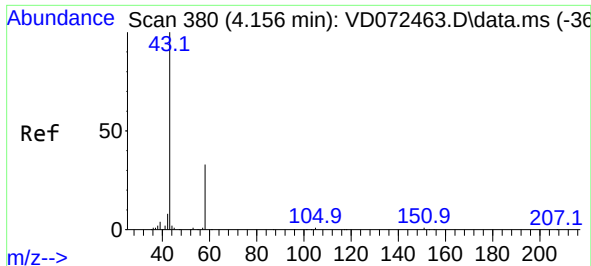
Tgt Ion:142 Resp: 2728
Ion Ratio Lower Upper
142 100
127 51.7 37.3 55.9
141 2.6 11.7 17.5#



#14
Allyl chloride
Concen: 1.240 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 41 Resp: 923
Ion Ratio Lower Upper
41 100
39 56.3 59.3 88.9#
76 0.0 25.7 38.5#

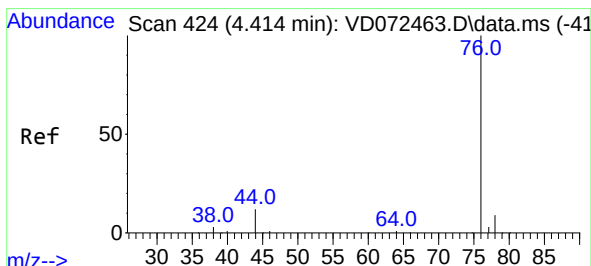
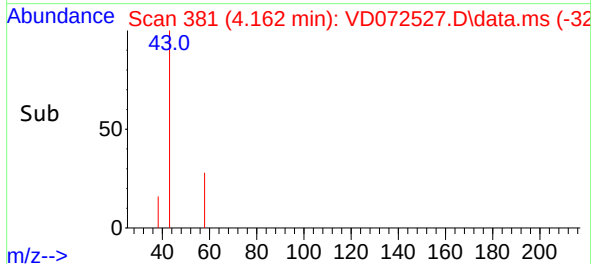
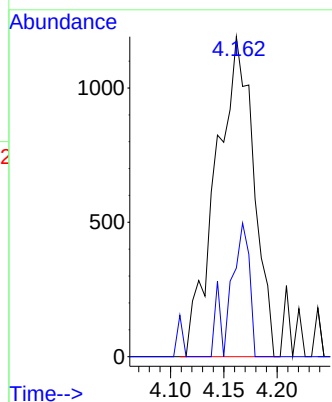
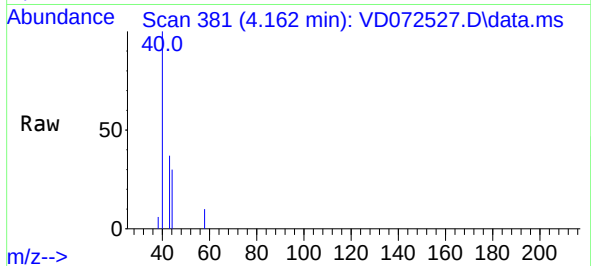




#16
Acetone
Concen: 2.573 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

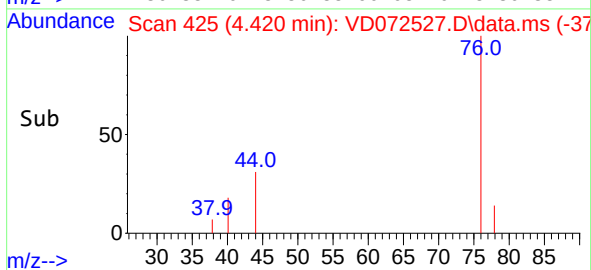
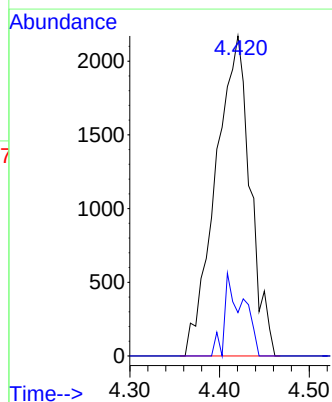
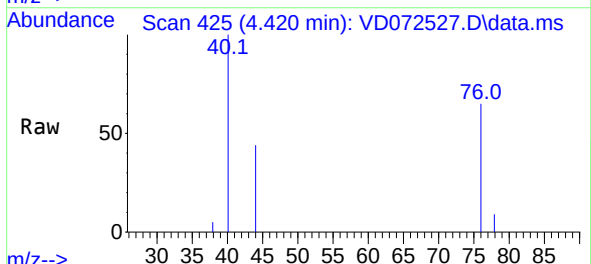
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

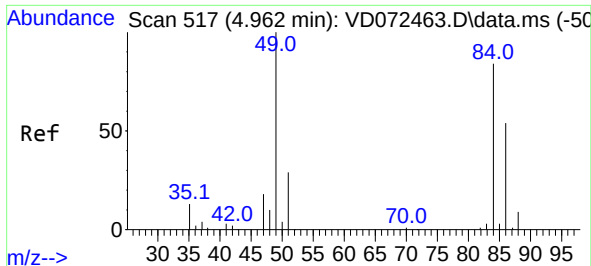
Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
58 27.7 22.1 33.1



#17
Carbon Disulfide
Concen: 4.175 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 76 Resp: 5810
Ion Ratio Lower Upper
76 100
78 13.5 7.5 11.3#



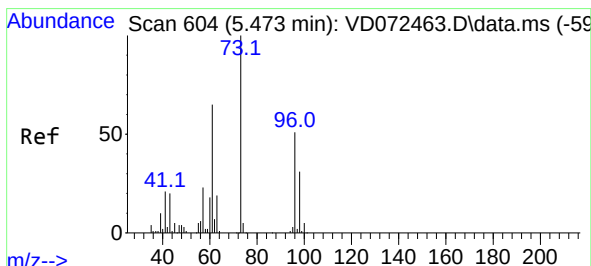
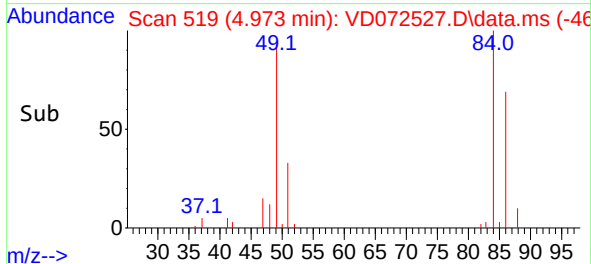
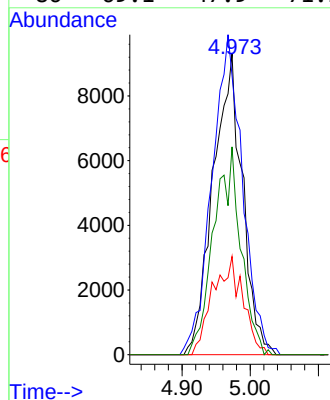
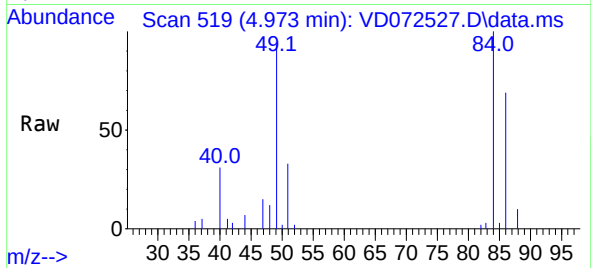


#20
Methylene Chloride
Concen: 4.083 ug/l
RT: 4.973 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

Tgt Ion: 84 Resp: 27663

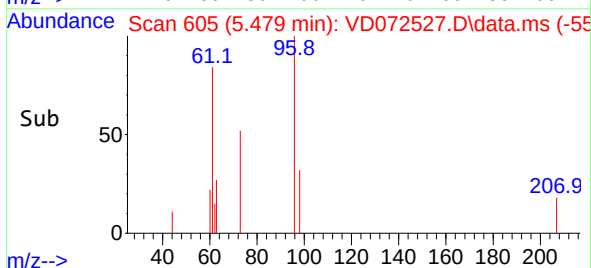
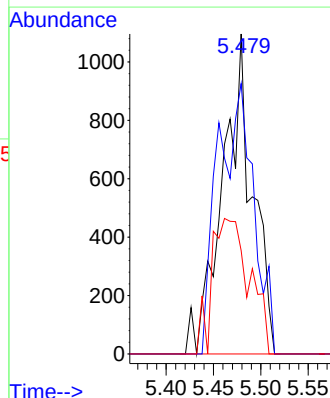
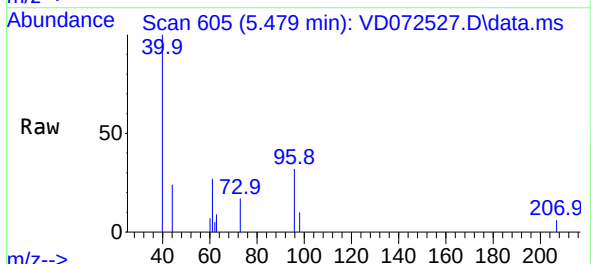
Ion	Ratio	Lower	Upper
84	100		
49	92.8	112.8	169.2#
51	32.7	32.6	48.8
86	69.1	47.9	71.9

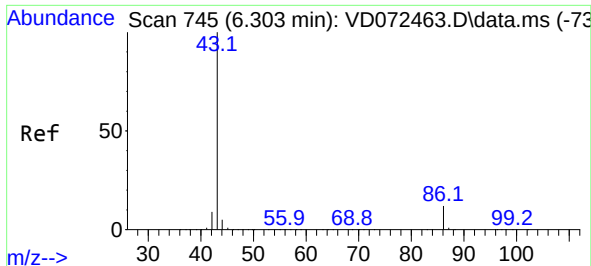


#21
trans-1,2-Dichloroethene
Concen: 1.183 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 96 Resp: 2407

Ion	Ratio	Lower	Upper
96	100		
61	84.5	117.9	176.9#
98	32.3	49.4	74.2#

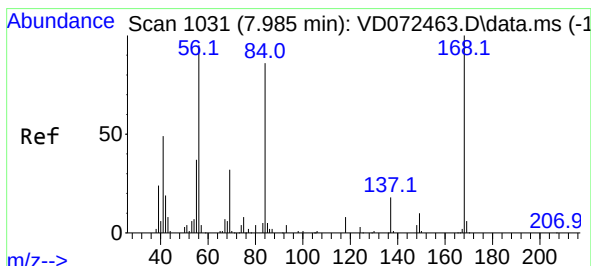
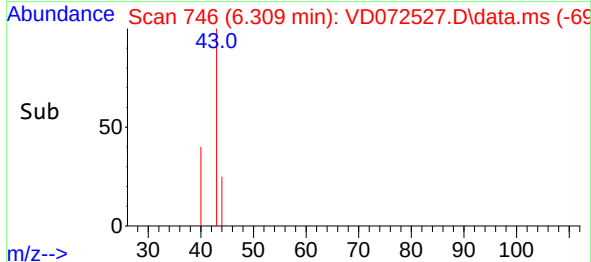
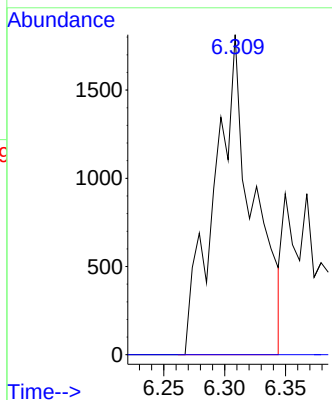
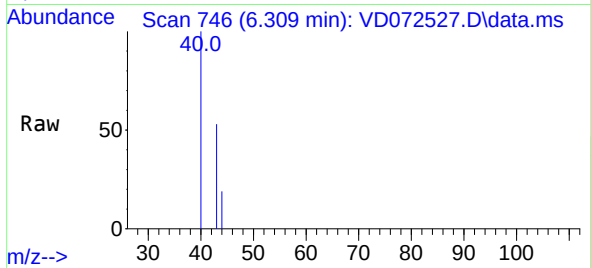




#23
 Vinyl Acetate
 Concen: 6.688 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD072527.D
 Acq: 05 Apr 2022 10:52

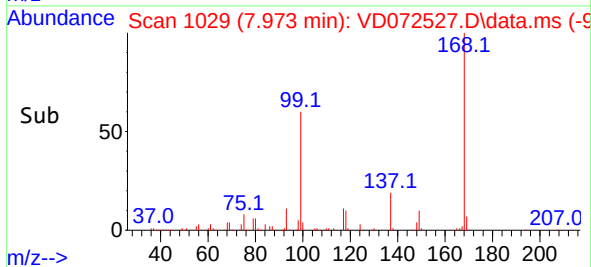
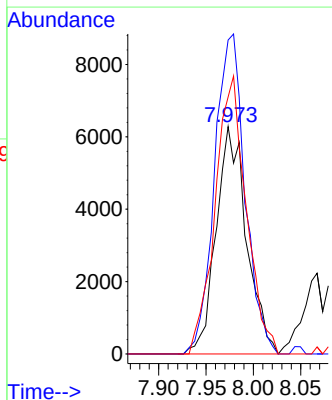
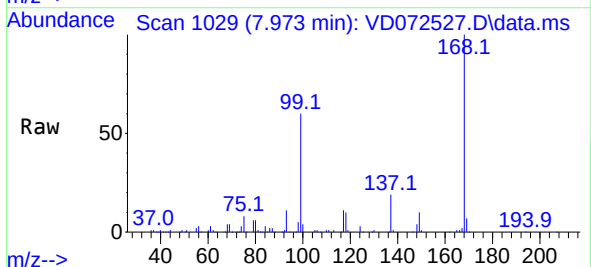
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

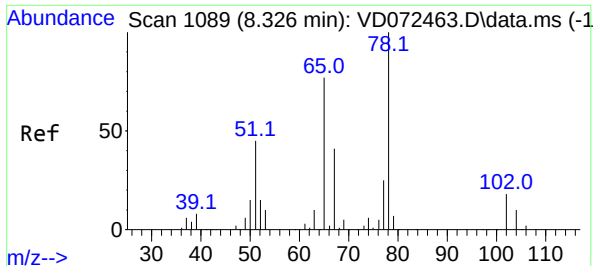
Tgt Ion: 43 Resp: 4009
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.763 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD072527.D
 Acq: 05 Apr 2022 10:52

Tgt Ion: 56 Resp: 14065
 Ion Ratio Lower Upper
 56 100
 69 138.1 25.4 38.2#
 84 113.1 63.0 94.4#

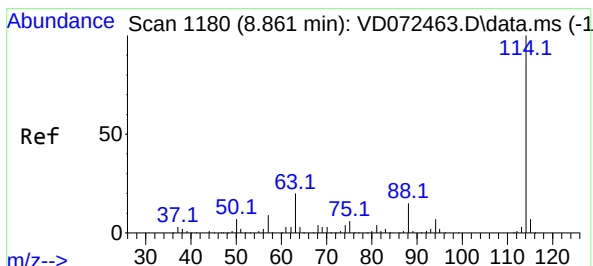
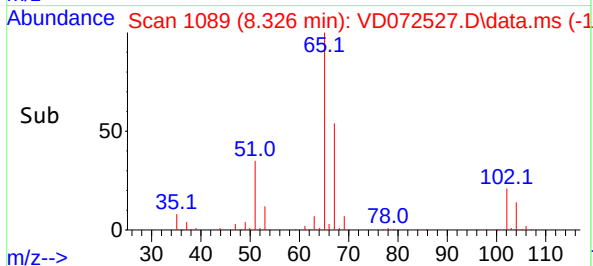
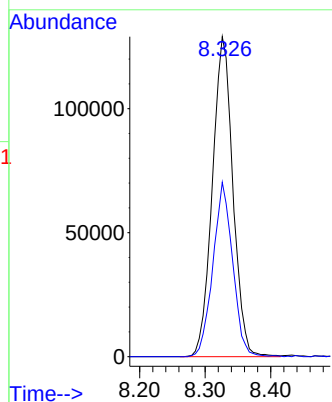
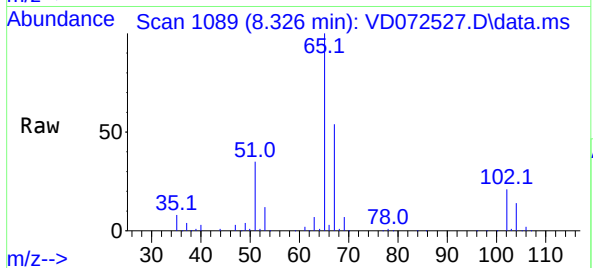




#33
1,2-Dichloroethane-d4
Concen: 46.039 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

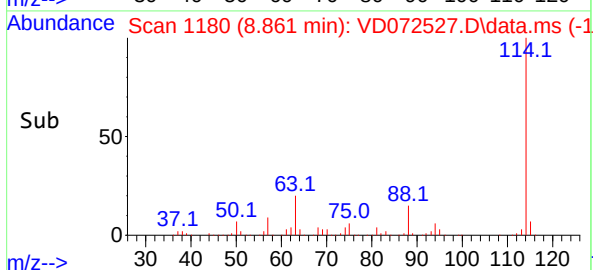
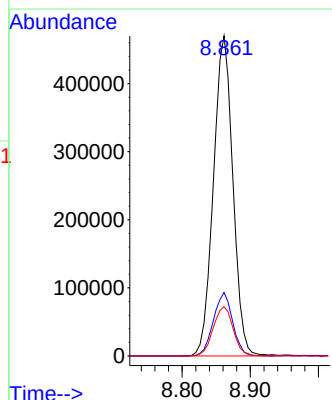
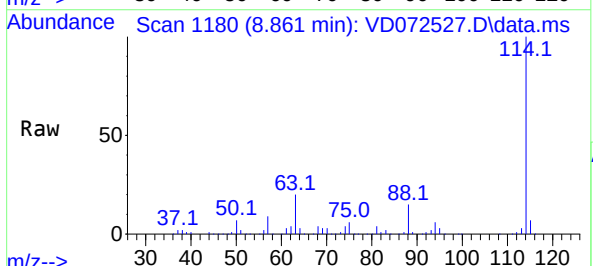
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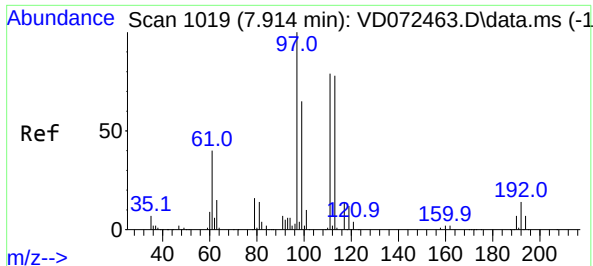
Tgt Ion: 65 Resp: 280965
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 114 Resp: 934157
Ion Ratio Lower Upper
114 100
63 19.9 0.0 46.6
88 15.4 0.0 33.2

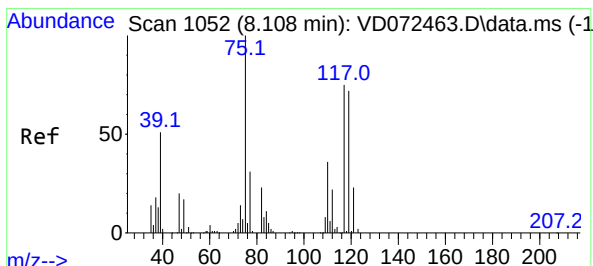
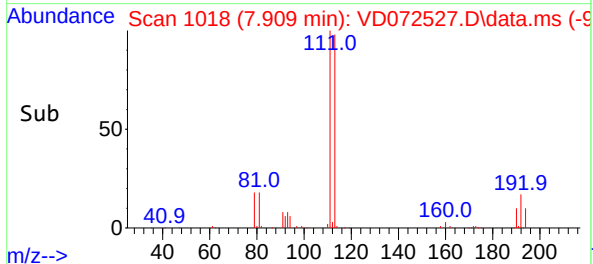
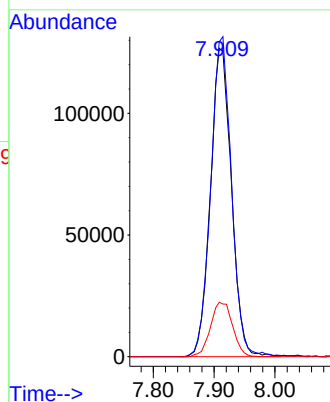
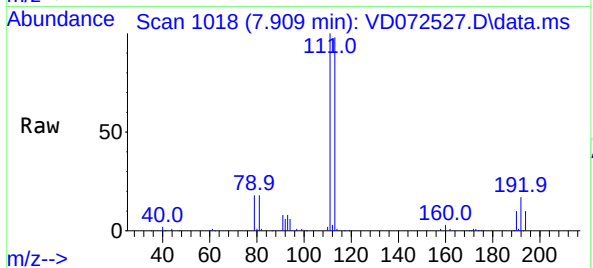




#35
Dibromofluoromethane
Concen: 41.907 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

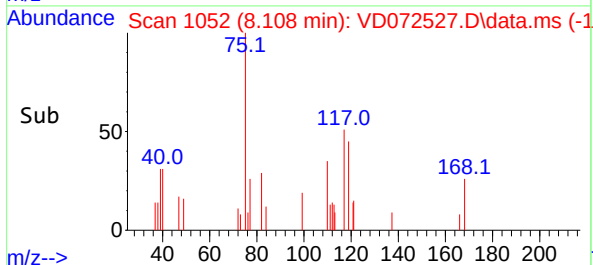
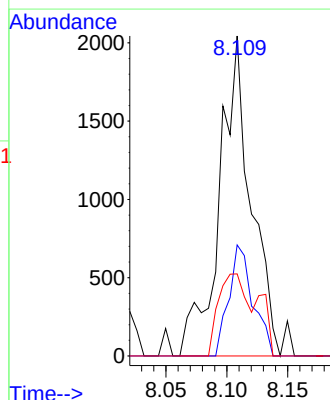
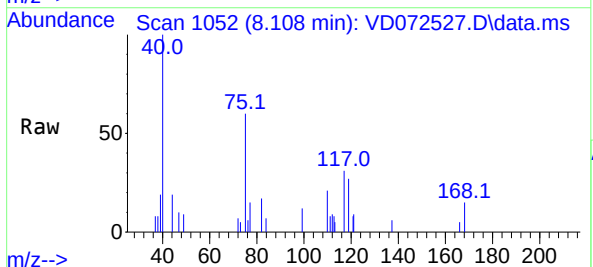
Instrument :
MSVOA_D
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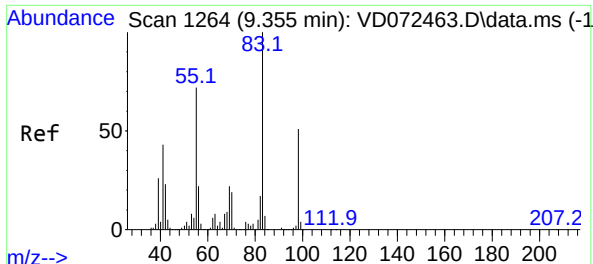
Tgt Ion:113 Resp: 304230
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.513 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 75 Resp: 3692
Ion Ratio Lower Upper
75 100
110 26.4 16.4 49.1
77 30.9 24.2 36.2

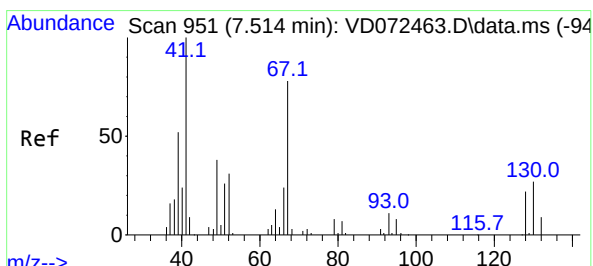
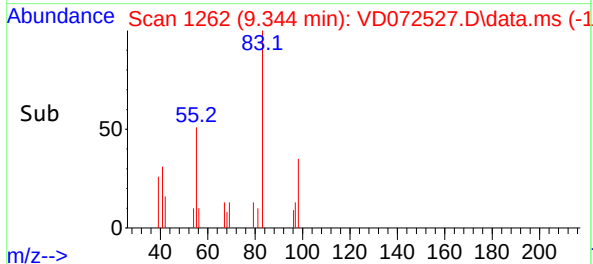
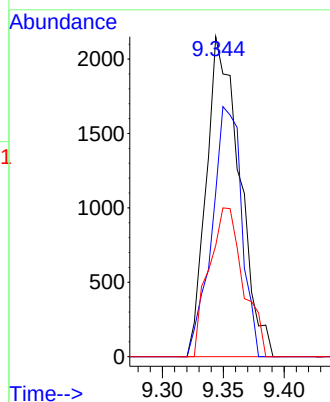
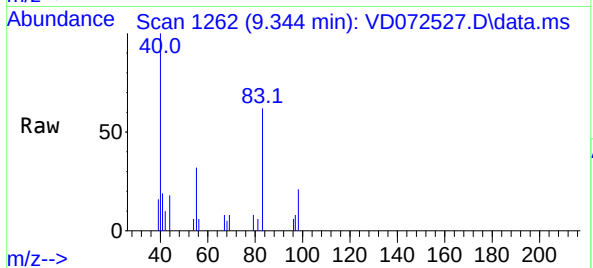




#39
Methylcyclohexane
Concen: 3.231 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

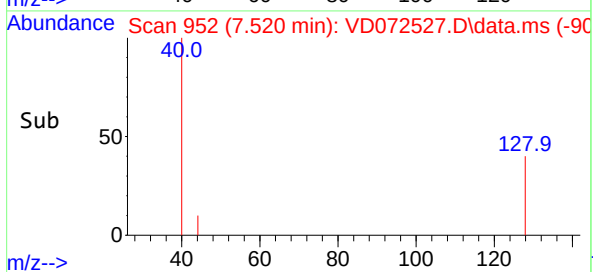
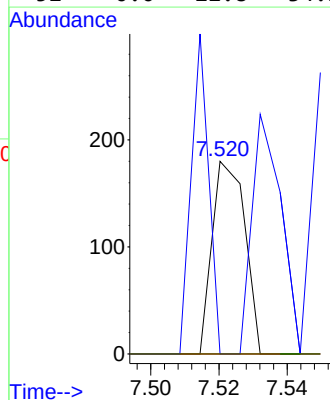
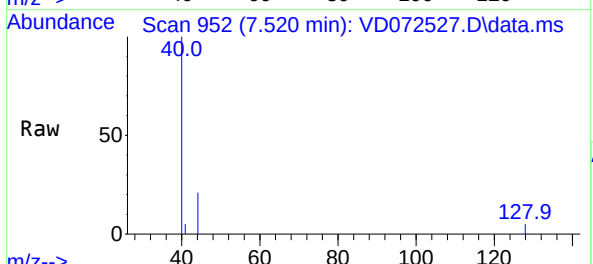
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

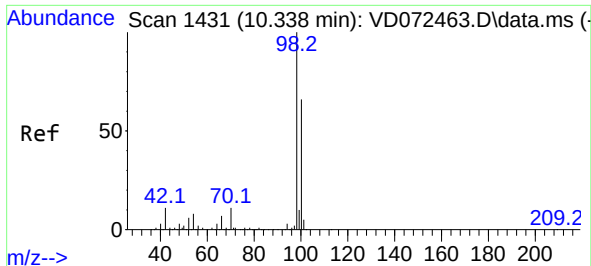
Tgt Ion: 83	Resp:	4067
Ion	Ratio	Lower Upper
83	100	
55	51.3	63.2 94.8#
98	34.7	38.2 57.4#



#41
Methacrylonitrile
Concen: 1.710 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 41	Resp:	120
Ion	Ratio	Lower Upper
41	100	
39	88.3	44.6 67.0#
67	0.0	48.2 72.4#
52	0.0	22.8 34.2#

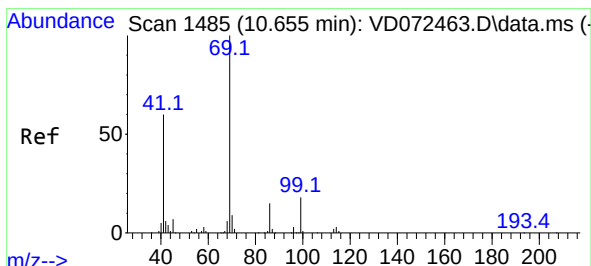
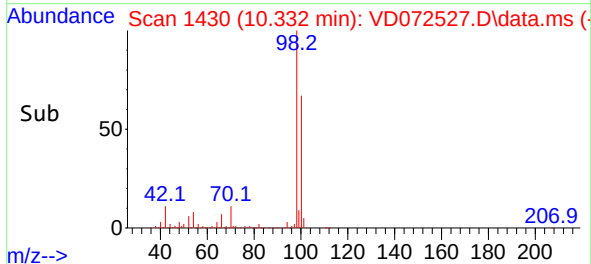
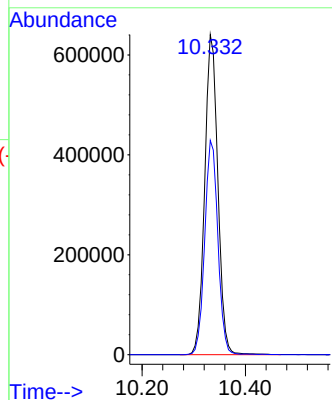
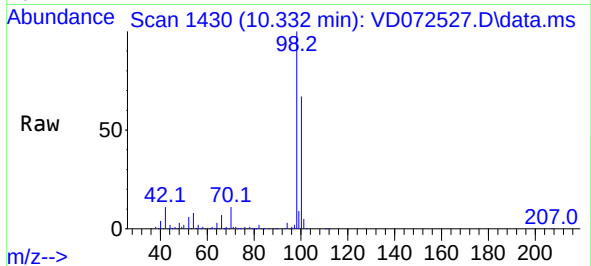




#50
Toluene-d8
Concen: 44.814 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

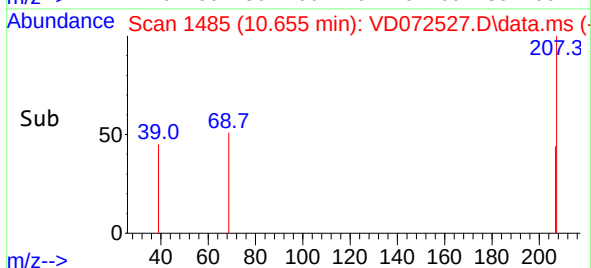
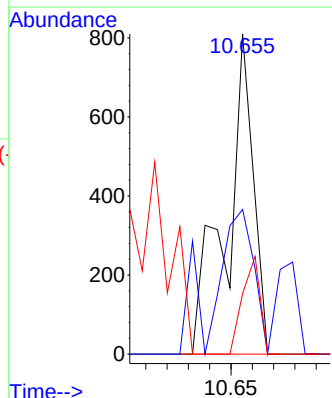
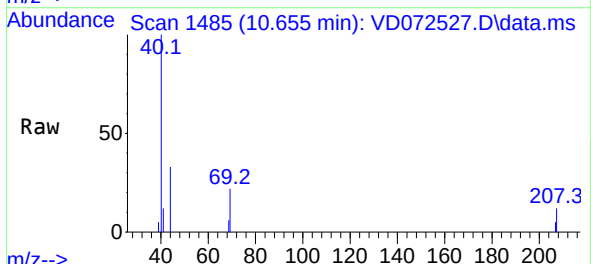
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

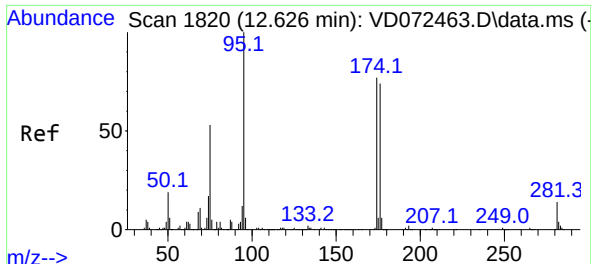
Tgt Ion: 98 Resp: 1130899
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#56
Ethyl methacrylate
Concen: 1.291 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 69 Resp: 711
Ion Ratio Lower Upper
69 100
41 52.6 63.0 94.6#
39 19.8 33.8 50.8#

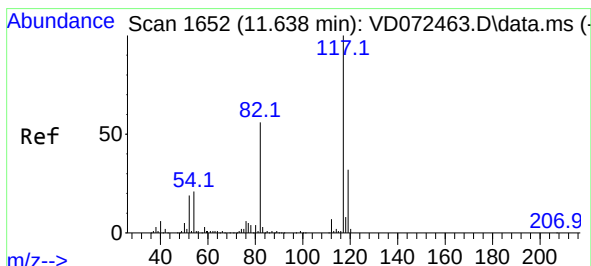
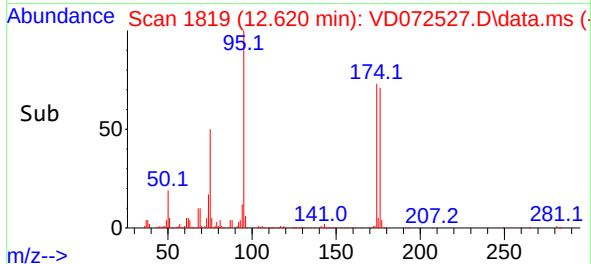
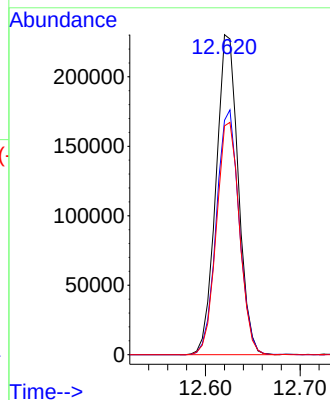
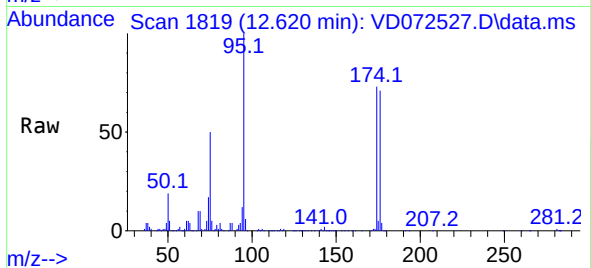




#62
4-Bromofluorobenzene
Concen: 38.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

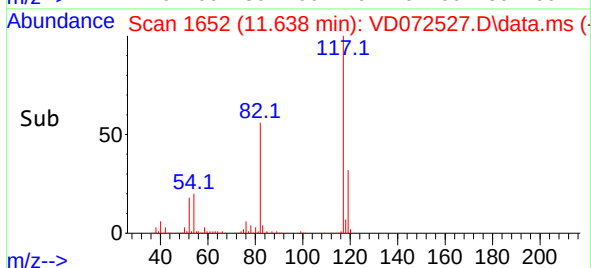
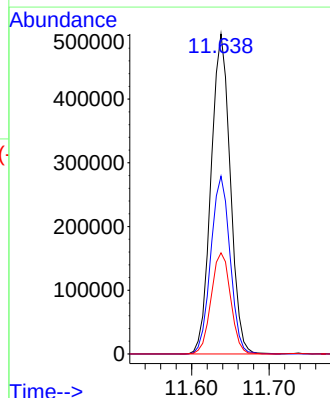
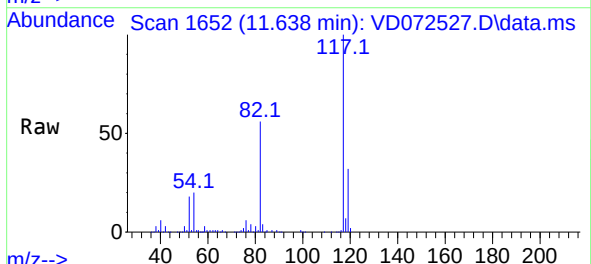
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

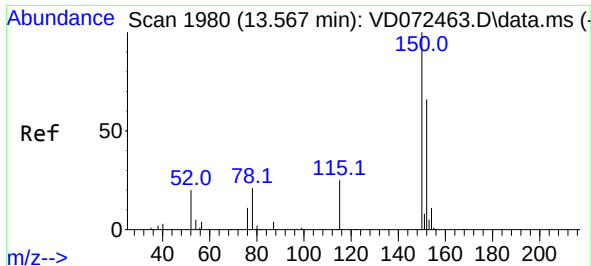
Tgt Ion: 95 Resp: 377488
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion: 117 Resp: 865663
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.6 26.6 40.0

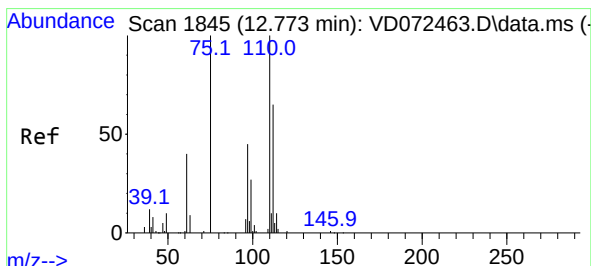
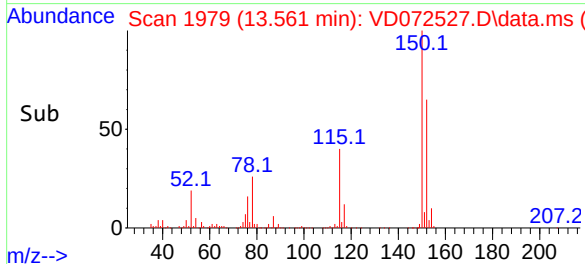
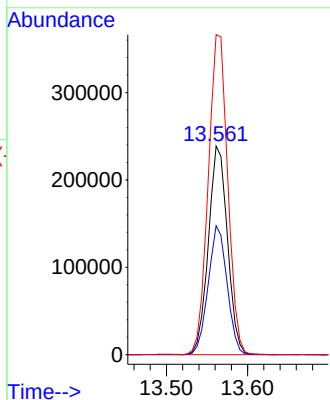
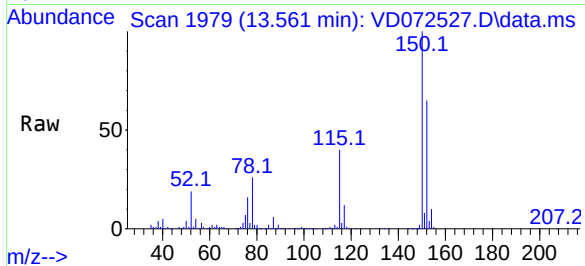




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

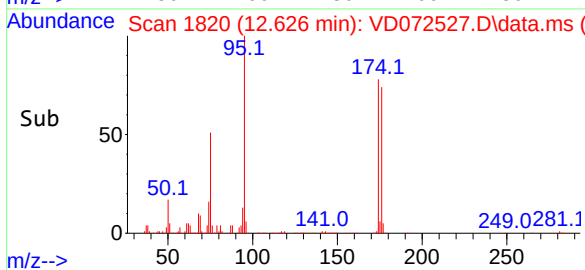
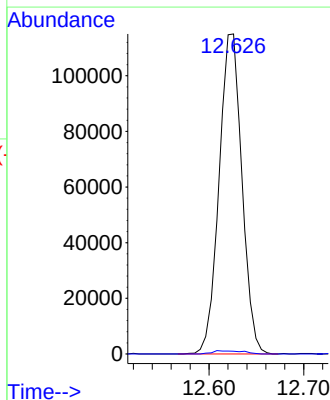
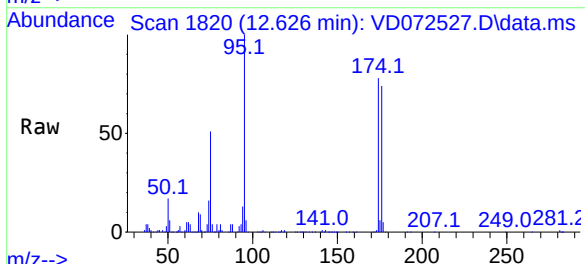
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

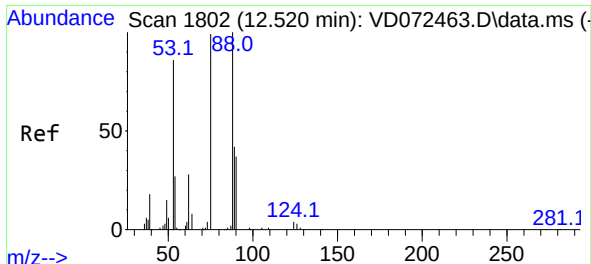
Tgt Ion:152 Resp: 390117
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 156.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.383 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

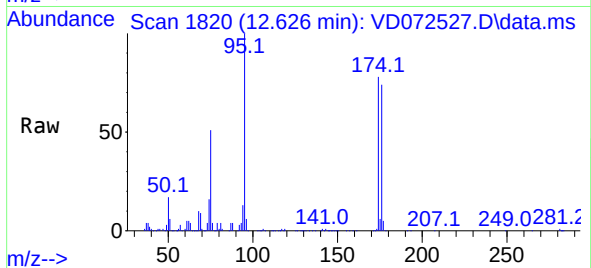
Tgt Ion: 75 Resp: 193098
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.361 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01



Tgt Ion: 75 Resp: 193098
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

