

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072480.D
 Acq On : 30 Mar 2022 15:44
 Operator : VA/SY
 Sample : N2150-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 362

Quant Time: Mar 31 03:09:28 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)

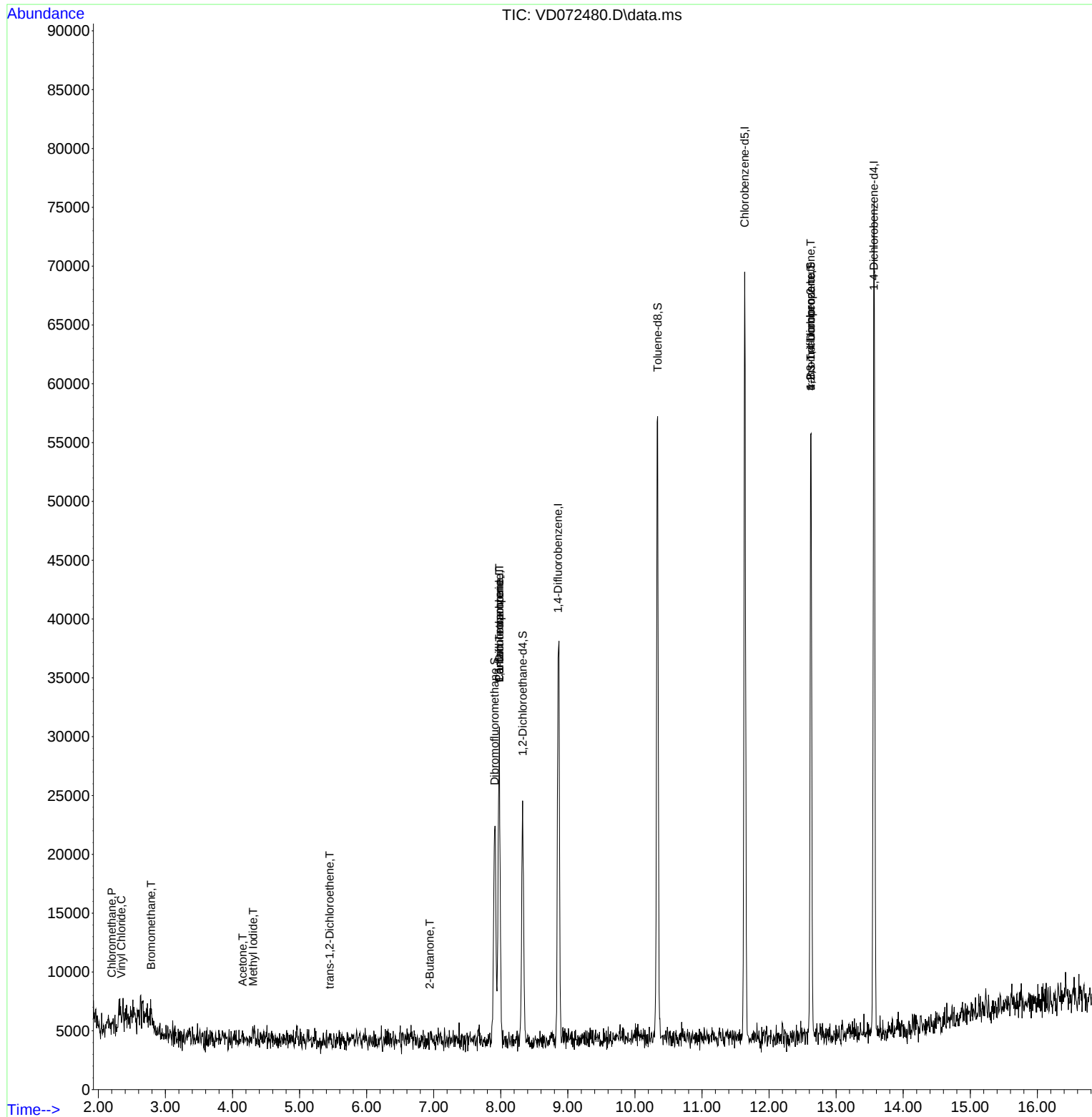
Internal Standards						
1) Pentafluorobenzene	7.979	168	17897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	30781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	36451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14651	67.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.340%			
35) Dibromofluoromethane	7.908	113	13732	57.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.820%			
50) Toluene-d8	10.337	98	36404	43.780	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.560%			
62) 4-Bromofluorobenzene	12.620	95	17375	53.504	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.000%			
Target Compounds			Qvalue			
3) Chloromethane	2.203	50	456	3.471	ug/l #	1
4) Vinyl Chloride	2.344	62	54	1.301	ug/l #	43
5) Bromomethane	2.785	94	710	7.013	ug/l	90
10) Methyl Iodide	4.308	142	1383	10.409	ug/l #	56
16) Acetone	4.149	43	333	8.249	ug/l #	47
21) trans-1,2-Dichloroethene	5.449	96	59	1.050	ug/l #	1
25) 2-Butanone	6.943	43	119	2.131	ug/l #	52
36) 1,1-Dichloropropene	7.979	75	1240	5.089	ug/l #	43
38) Carbon Tetrachloride	7.979	117	1838	5.577	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	9123	42.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	9123	103.126	ug/l #	7

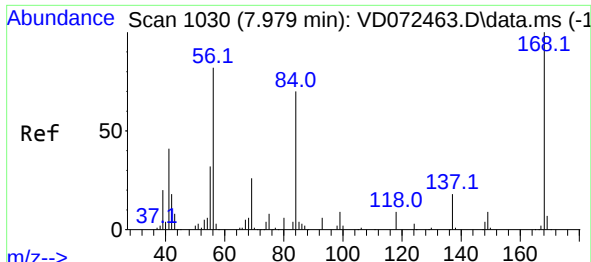
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
Data File : VD072480.D
Acq On : 30 Mar 2022 15:44
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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Mar 31 03:09:28 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

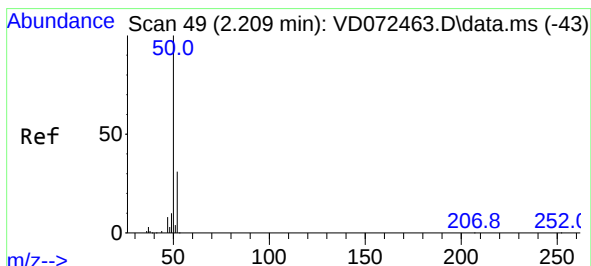
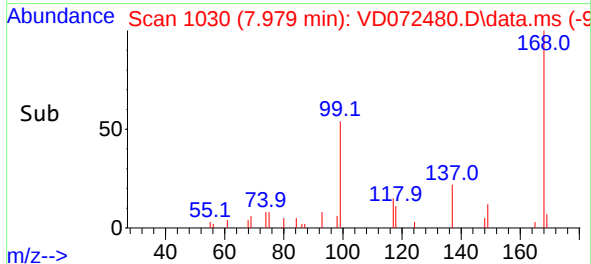
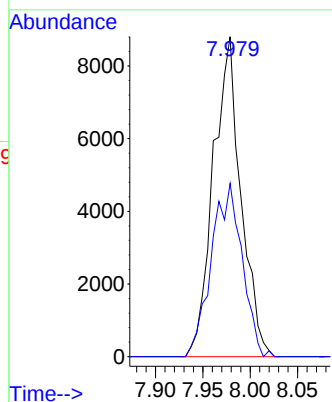
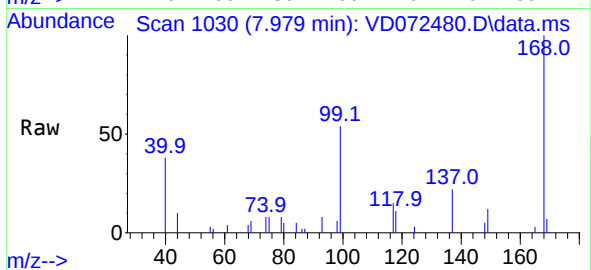




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

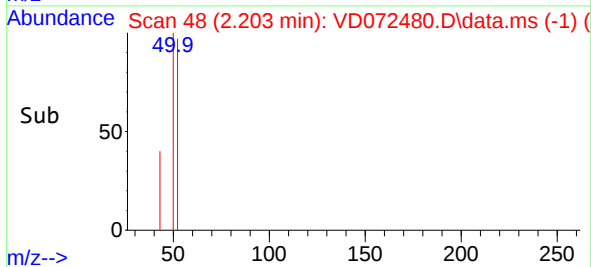
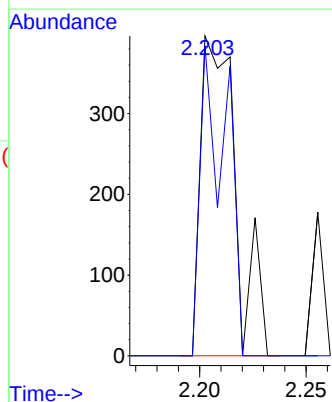
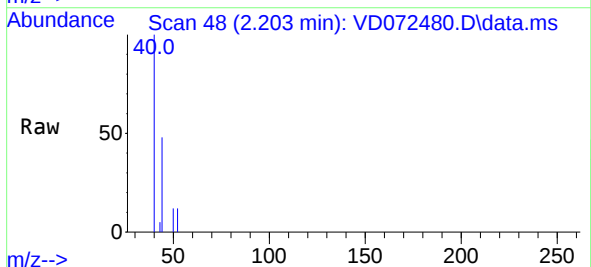
Instrument :
MSVOA_D
ClientSampleId :
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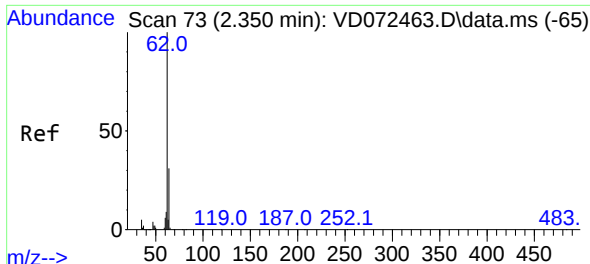
Tgt Ion:168 Resp: 17897
Ion Ratio Lower Upper
168 100
99 54.2 49.8 74.6



#3
Chloromethane
Concen: 3.471 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 97.0 27.4 41.0#

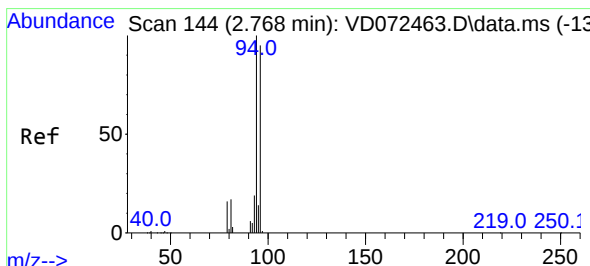
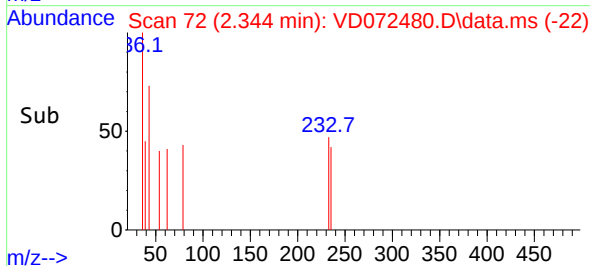
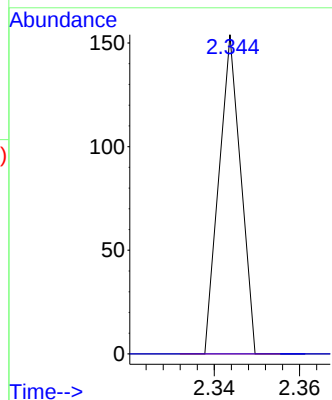
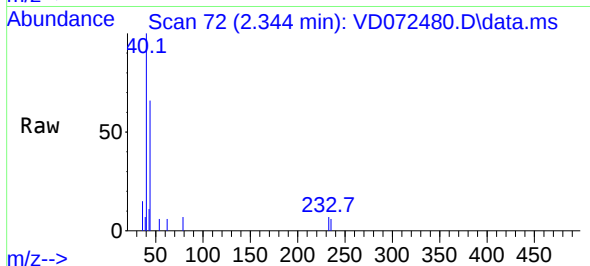




#4
 Vinyl Chloride
 Concen: 1.301 ug/l
 RT: 2.344 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD072480.D
 Acq: 30 Mar 2022 15:44

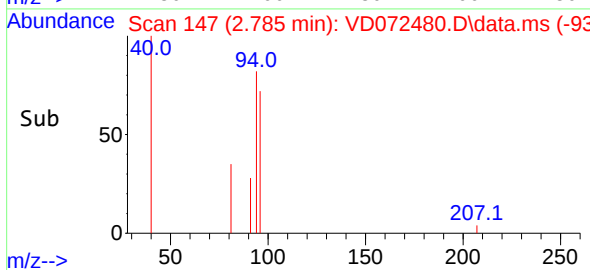
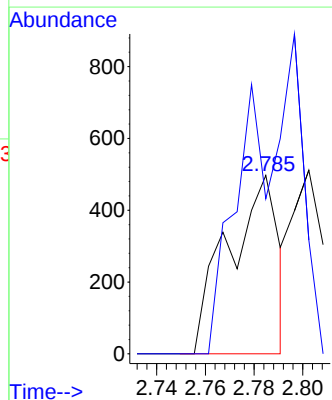
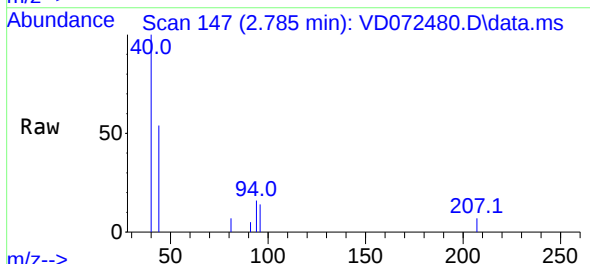
Instrument :
 MSVOA_D
 ClientSampleId :
 362

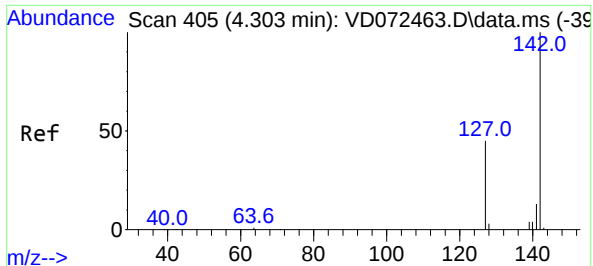
Tgt Ion: 62 Resp: 54
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 7.013 ug/l
 RT: 2.785 min Scan# 147
 Delta R.T. 0.017 min
 Lab File: VD072480.D
 Acq: 30 Mar 2022 15:44

Tgt Ion: 94 Resp: 710
 Ion Ratio Lower Upper
 94 100
 96 86.9 77.6 116.4

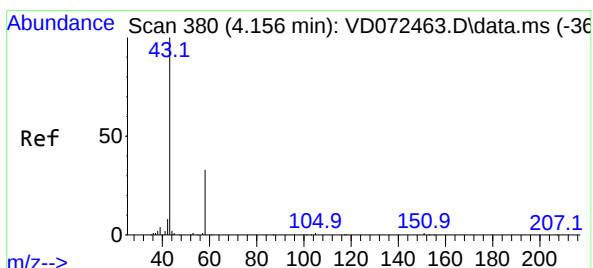
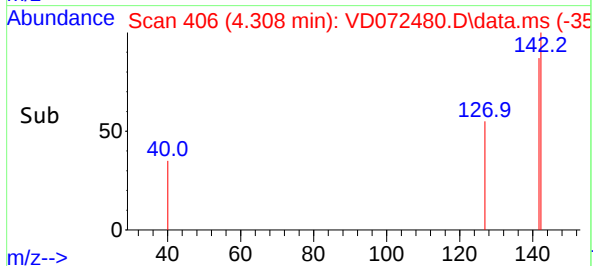
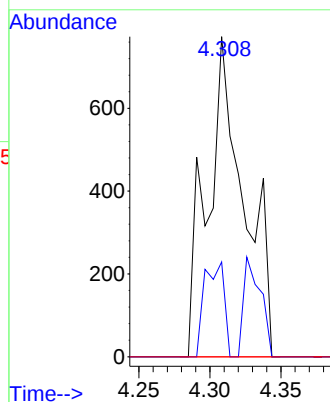
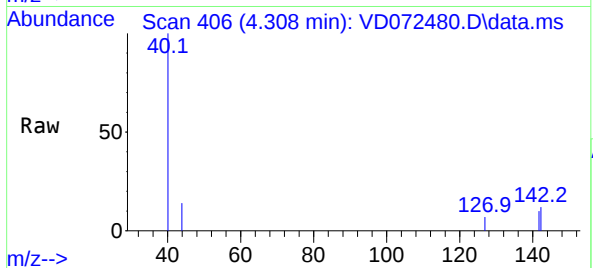




#10
Methyl Iodide
Concen: 10.409 ug/l
RT: 4.308 min Scan# 40
Delta R.T. 0.005 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

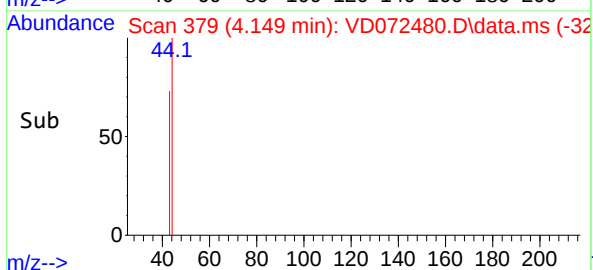
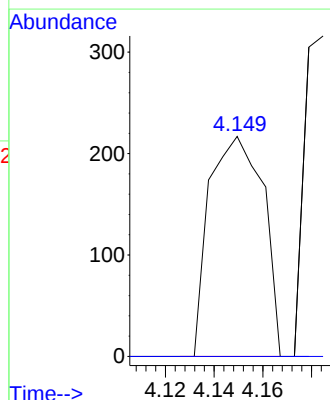
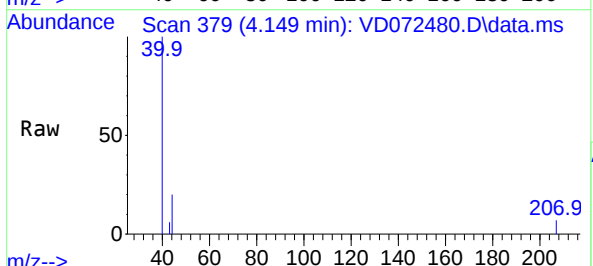
Instrument :
MSVOA_D
ClientSampleId :
362

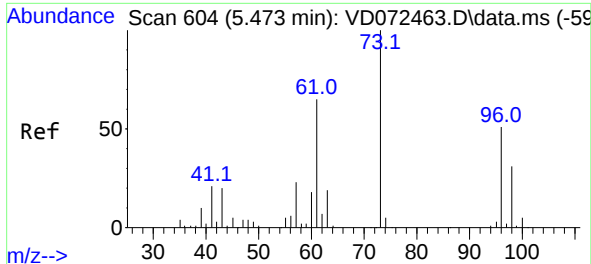
Tgt Ion:142 Resp: 1383
Ion Ratio Lower Upper
142 100
127 16.0 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 8.249 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

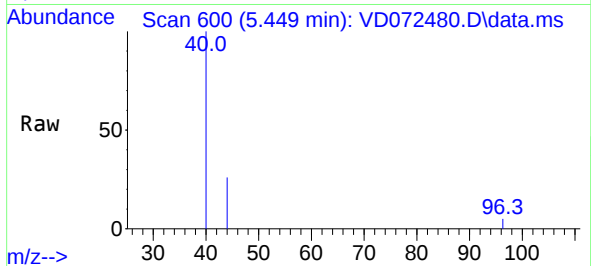
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



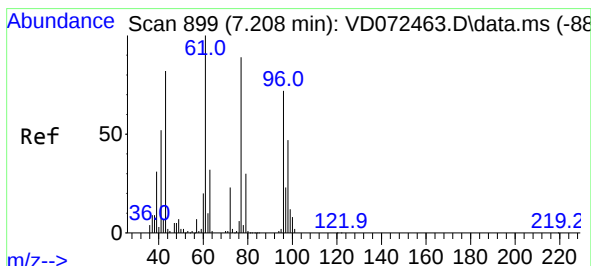
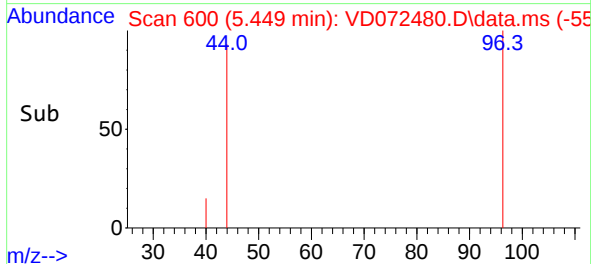
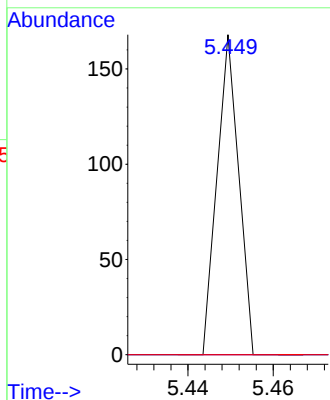


#21
trans-1,2-Dichloroethene
Concen: 1.050 ug/l
RT: 5.449 min Scan# 604
Delta R.T. -0.024 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
362

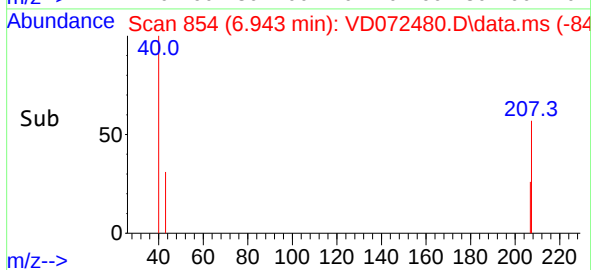
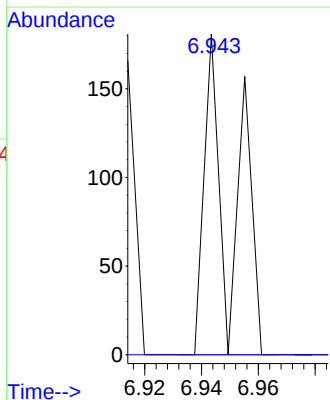
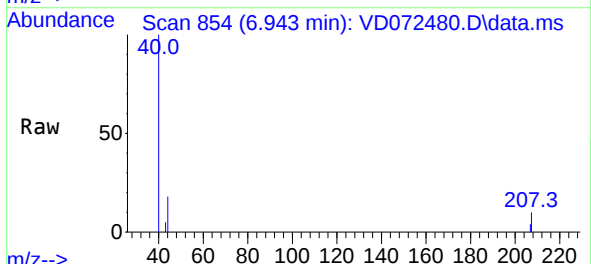


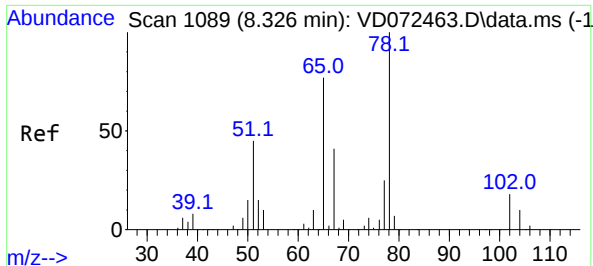
Tgt Ion: 96 Resp: 59
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#



#25
2-Butanone
Concen: 2.131 ug/l
RT: 6.943 min Scan# 854
Delta R.T. -0.265 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

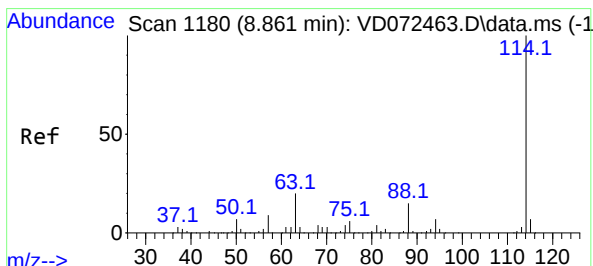
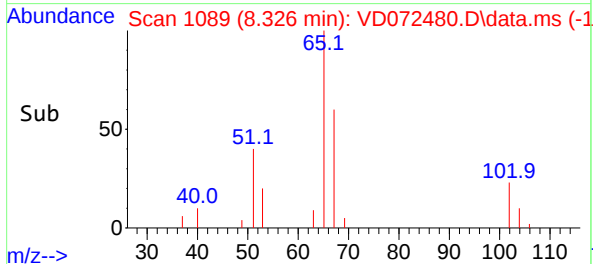
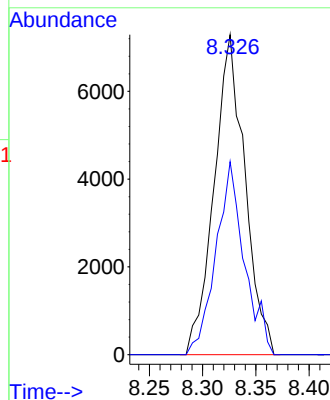
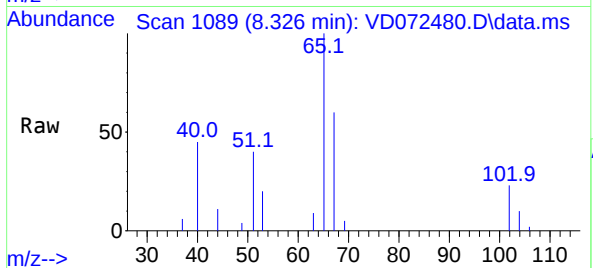




#33
1,2-Dichloroethane-d4
Concen: 67.672 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

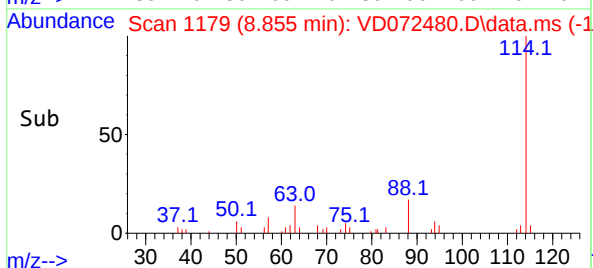
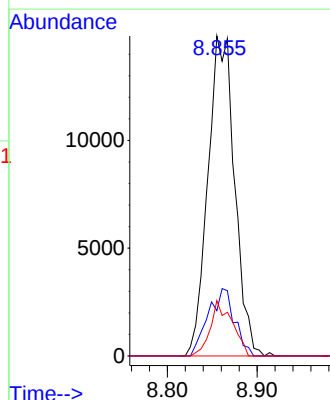
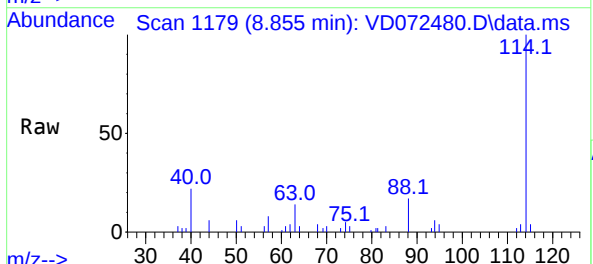
Instrument :
MSVOA_D
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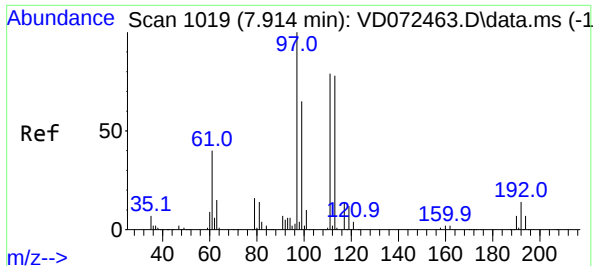
Tgt Ion: 65 Resp: 14651
Ion Ratio Lower Upper
65 100
67 55.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion:114 Resp: 30781
Ion Ratio Lower Upper
114 100
63 14.2 0.0 46.6
88 17.3 0.0 33.2

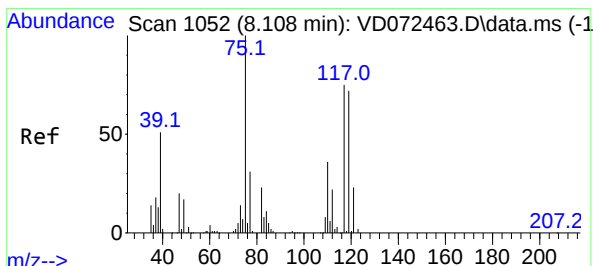
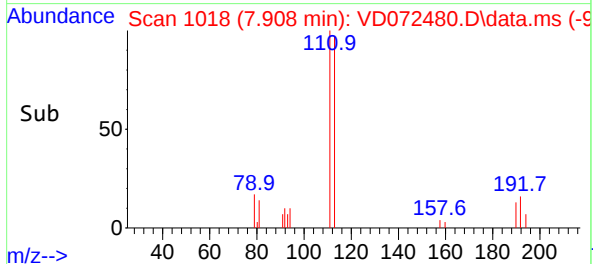
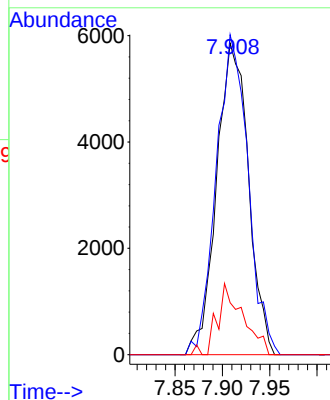
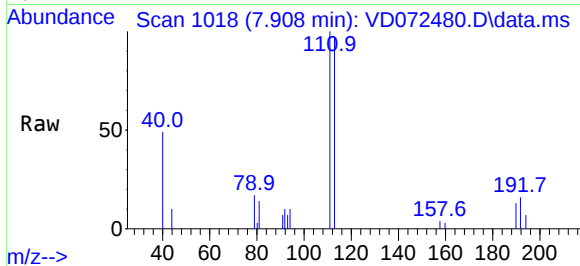




#35
Dibromofluoromethane
Concen: 57.405 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

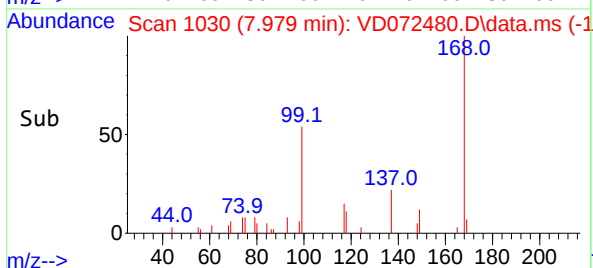
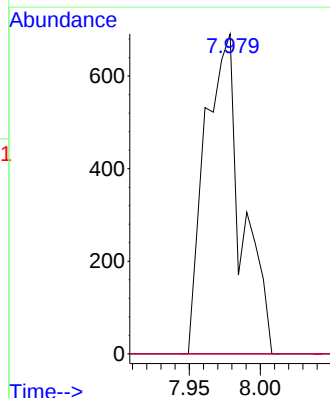
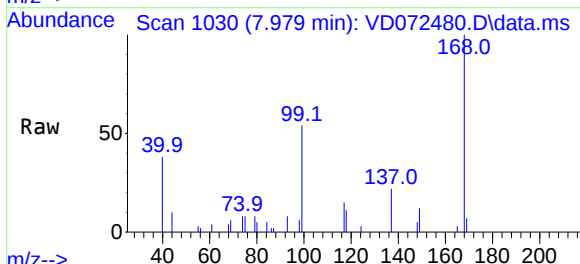
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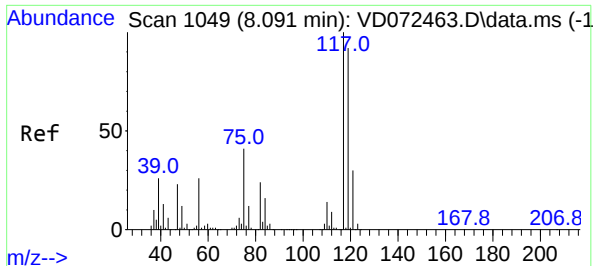
Tgt Ion:	113	Resp:	13732
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	18.3	14.6	21.8



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion:	75	Resp:	1240
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#

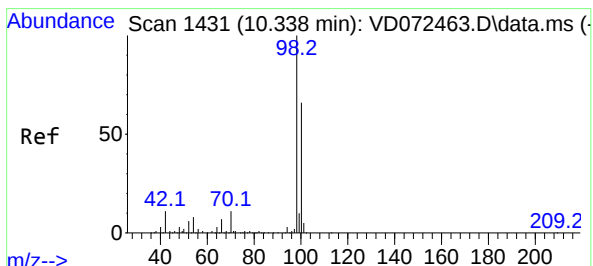
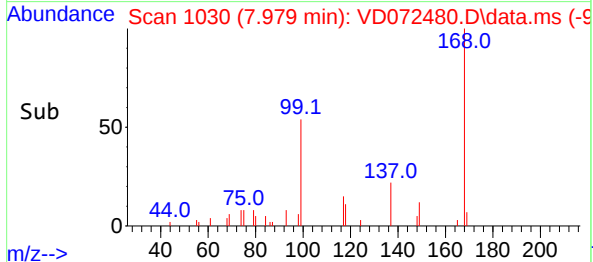
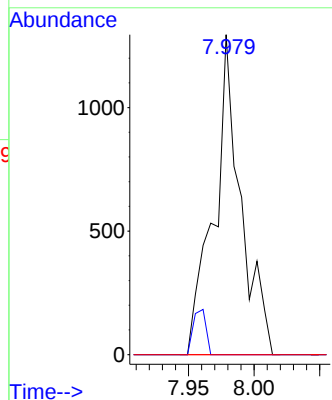
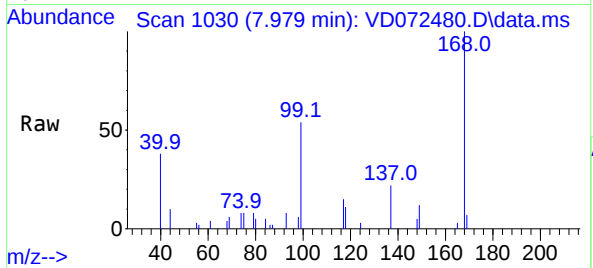




#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

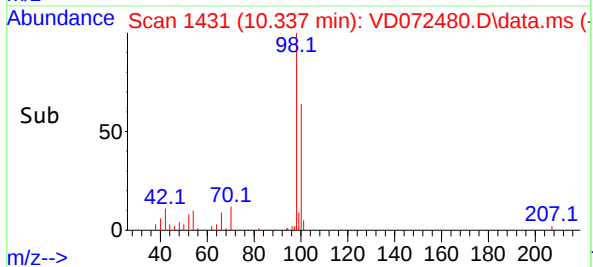
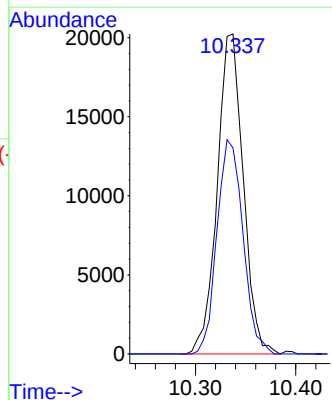
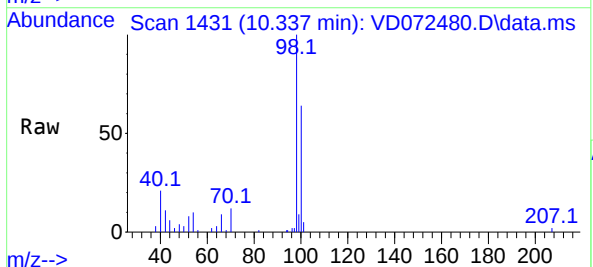
Instrument :
MSVOA_D
ClientSampleId :
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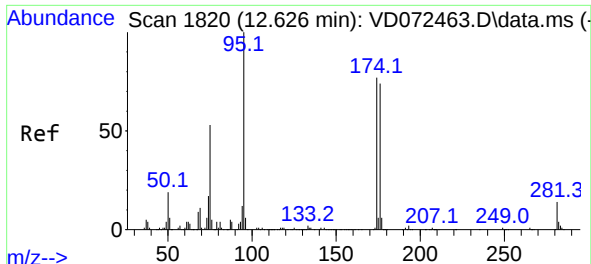
Tgt Ion:117 Resp: 1838
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 43.780 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion: 98 Resp: 36404
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

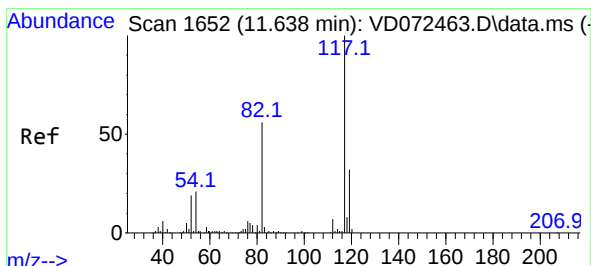
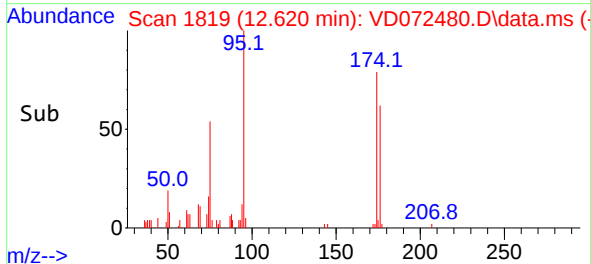
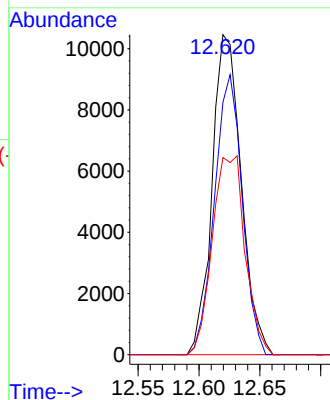
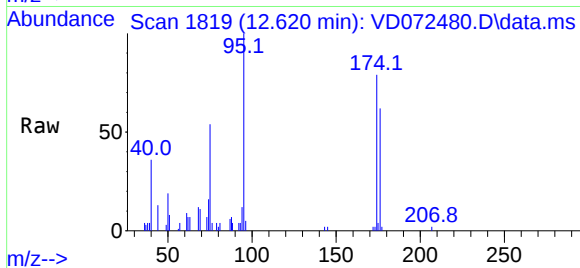




#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 12.620 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

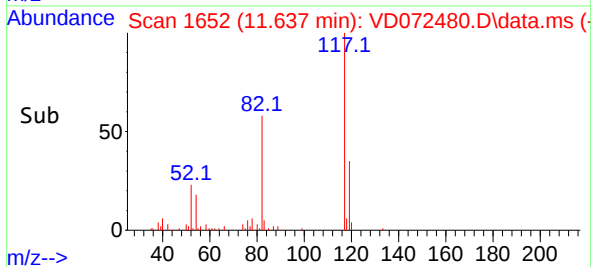
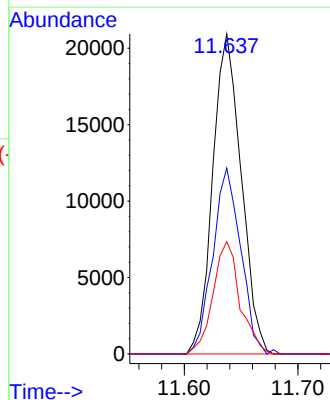
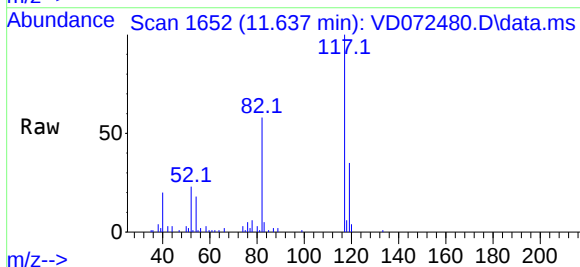
Instrument :
MSVOA_D
ClientSampleId :
362

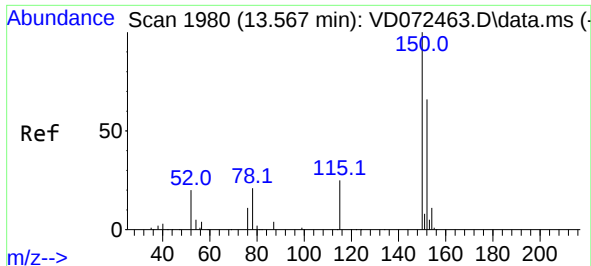
Tgt Ion:	95	Resp:	17375
Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	152.8
176	69.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion:	117	Resp:	36451
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.3	67.9
119	35.1	26.6	40.0

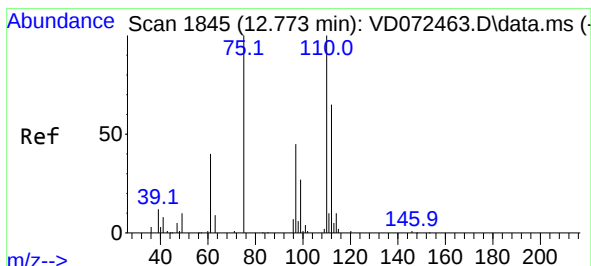
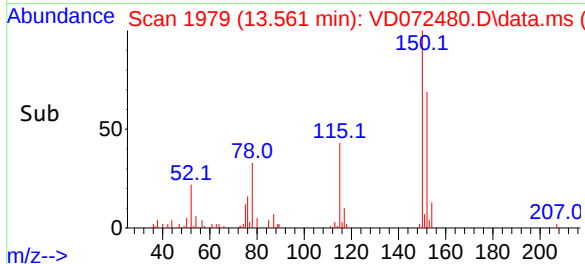
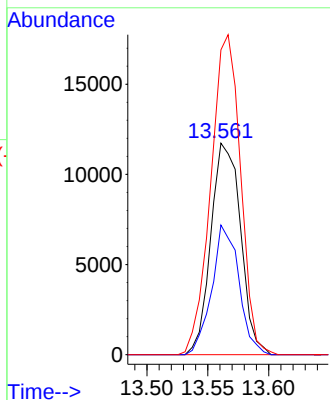
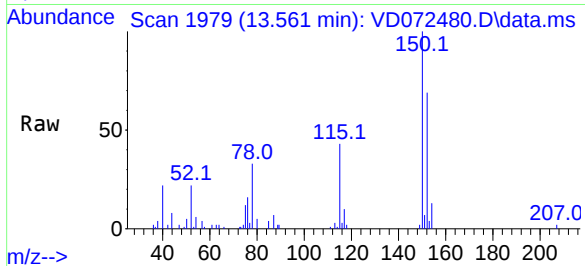




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD072480.D
 Acq: 30 Mar 2022 15:44

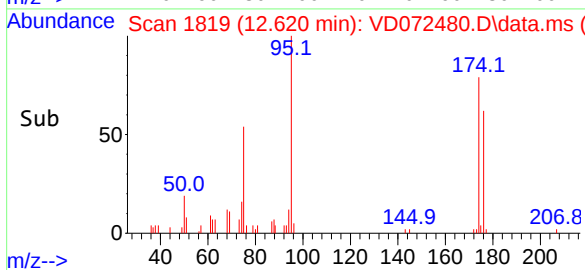
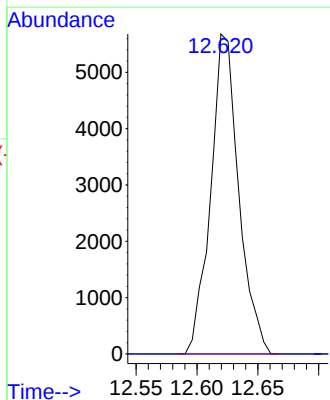
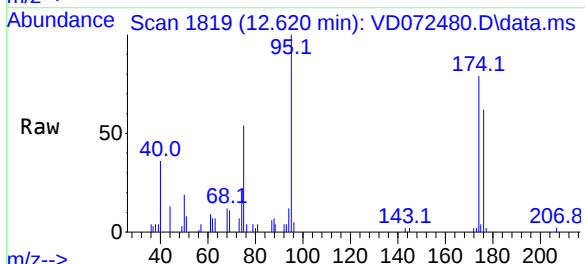
Instrument :
 MSVOA_D
 ClientSampleId :
 362

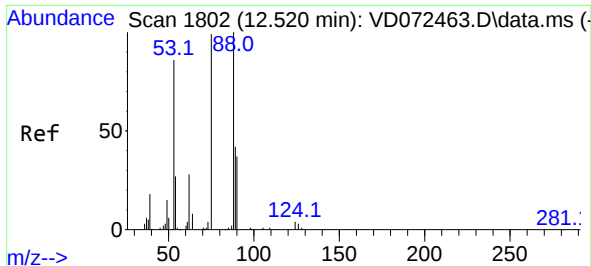
Tgt Ion:152 Resp: 19903
 Ion Ratio Lower Upper
 152 100
 115 56.0 31.3 93.8
 150 151.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 42.027 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072480.D
 Acq: 30 Mar 2022 15:44

Tgt Ion: 75 Resp: 9123
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 103.126 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
362

Tgt Ion: 75 Resp: 9123
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

