

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073819.D
 Acq On : 07 Jul 2022 20:29
 Operator : VA/SY
 Sample : N3593-07
 Misc : 10.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220485A-3A

Quant Time: Jul 08 06:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

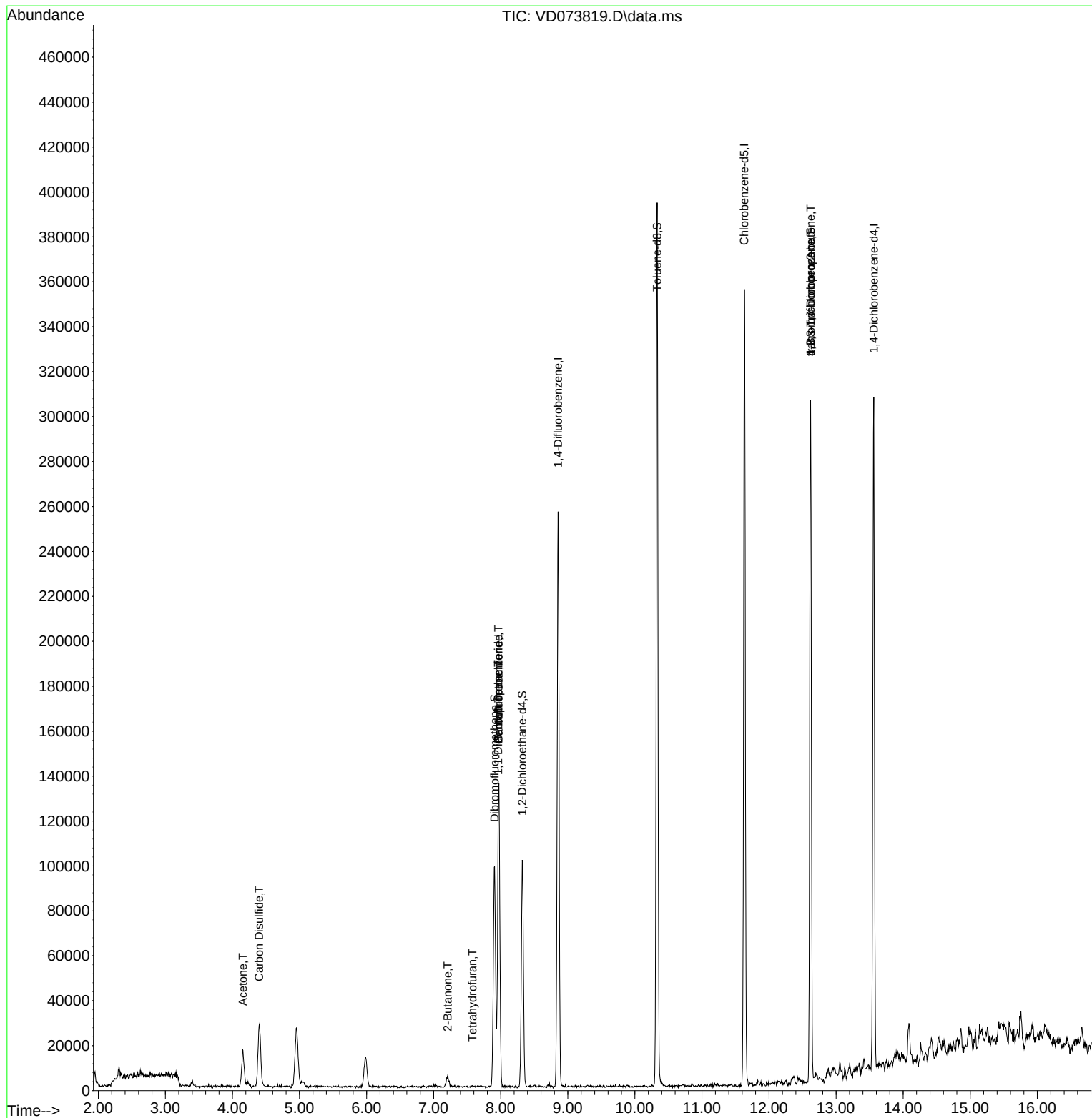
Internal Standards						
1) Pentafluorobenzene	7.967	168	89175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	202643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	185000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	71778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79633	72.578	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.160%			
35) Dibromofluoromethane	7.909	113	69404	55.819	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.640%			
50) Toluene-d8	10.332	98	259814	61.682	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 123.360%#			
62) 4-Bromofluorobenzene	12.620	95	85554	49.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 98.820%#			
Target Compounds						
3) Chloromethane	2.209	50	194	Below Cal	#	40
5) Bromomethane	2.774	94	345	Below Cal	#	73
16) Acetone	4.156	43	27362	128.217	ug/l	94
17) Carbon Disulfide	4.397	76	58738	61.326	ug/l	98
18) Methyl Acetate	4.721	43	251	Below Cal	#	53
20) Methylene Chloride	4.956	84	19158	Below Cal		95
25) 2-Butanone	7.209	43	8488	23.549	ug/l	# 80
29) Tetrahydrofuran	7.579	42	338	1.589	ug/l	# 33
31) Cyclohexane	7.967	56	3076	Below Cal	#	41
36) 1,1-Dichloropropene	7.962	75	9265	5.824	ug/l	# 51
38) Carbon Tetrachloride	7.967	117	10842	5.995	ug/l	# 16
76) 1,2,3-Trichloropropane	12.620	75	49218	62.979	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	49218	140.701	ug/l	# 11

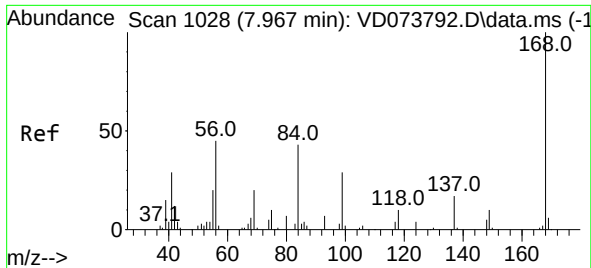
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20220485A-3A

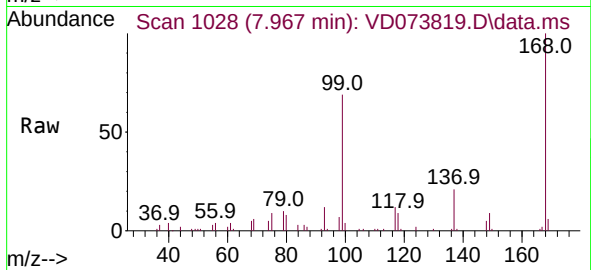
Quant Time: Jul 08 06:36:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 05:39:57 2022
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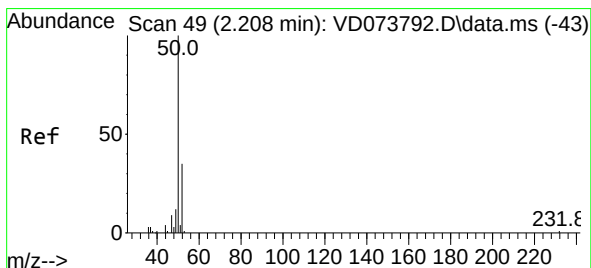
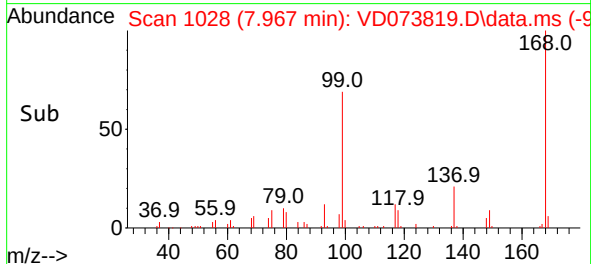
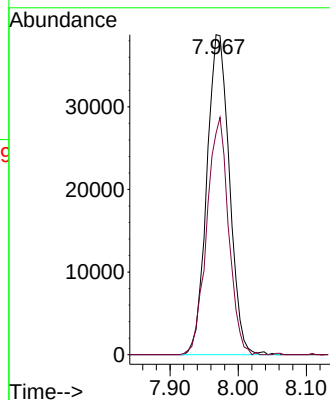


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

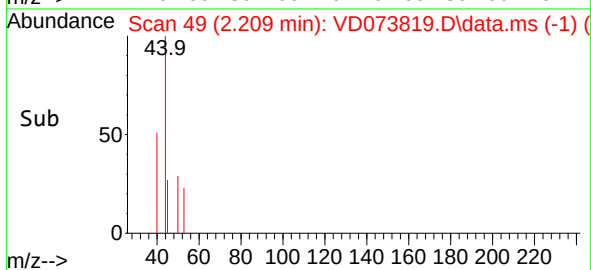
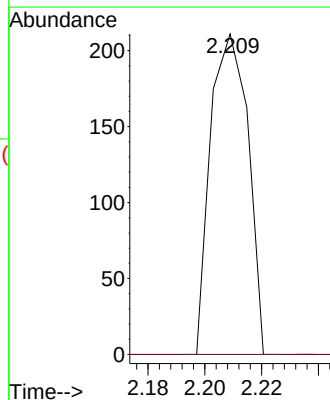
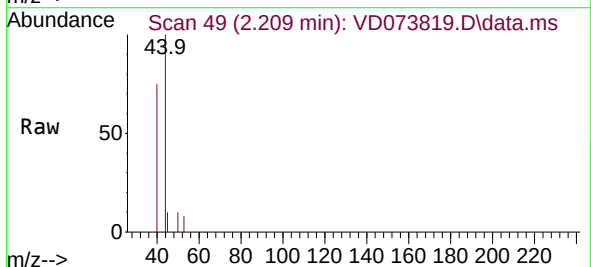


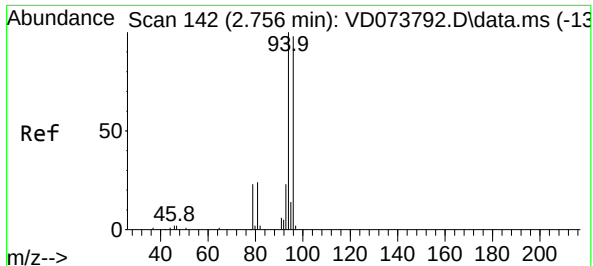
Tgt Ion:168 Resp: 89175
Ion Ratio Lower Upper
168 100
99 69.2 58.4 87.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#

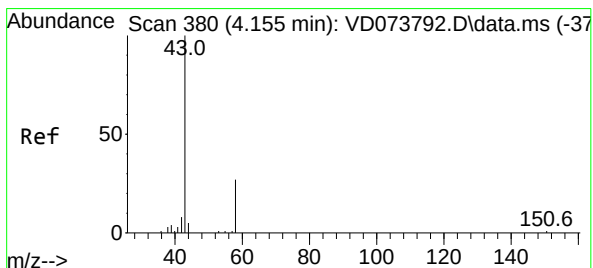
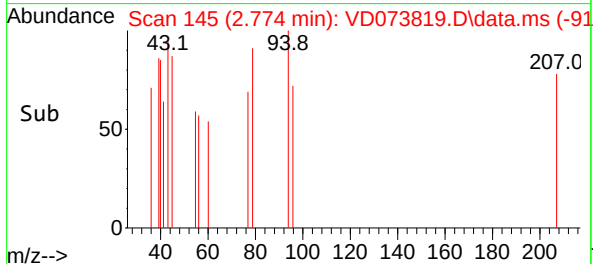
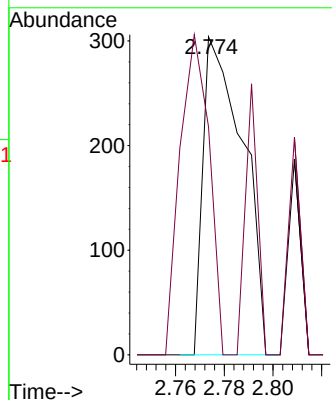
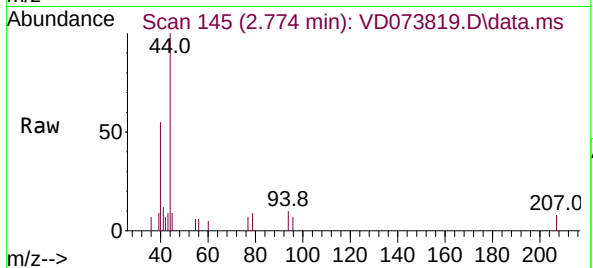




#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 14
Delta R.T. 0.018 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

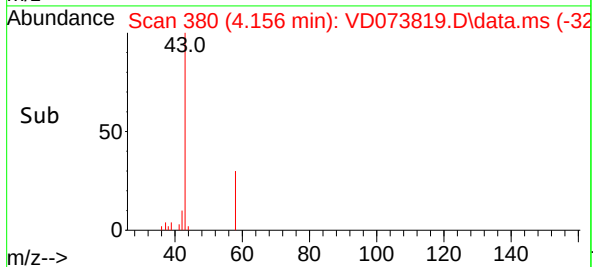
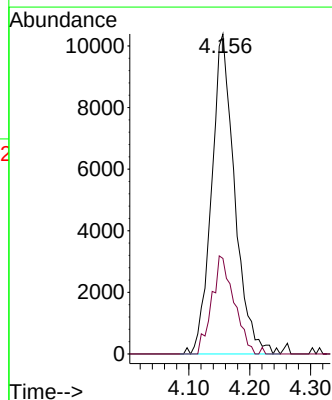
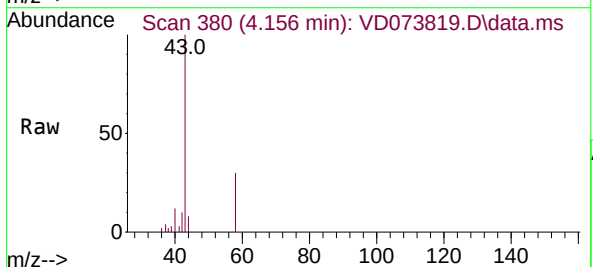
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

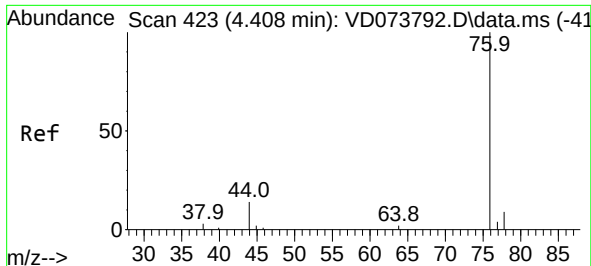
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 71.7 78.3 117.5#



#16
Acetone
Concen: 128.217 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 43 Resp: 27362
Ion Ratio Lower Upper
43 100
58 29.9 21.3 31.9

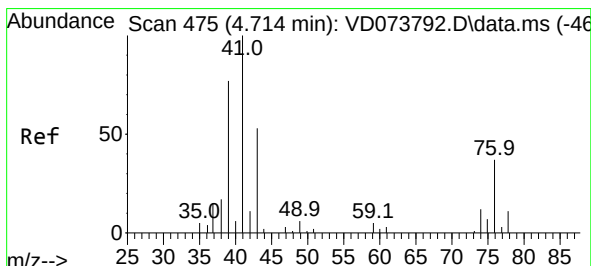
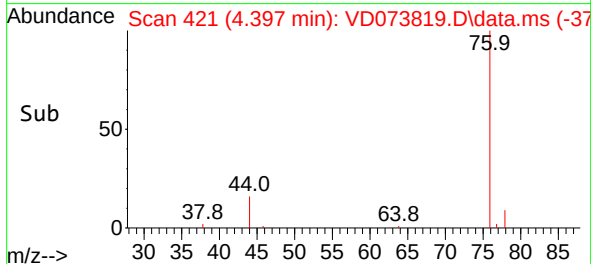
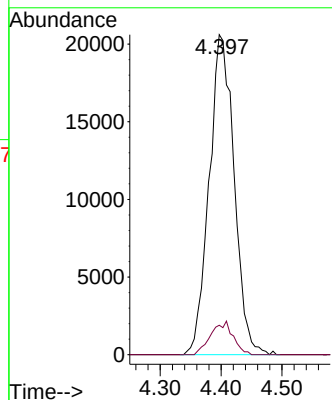
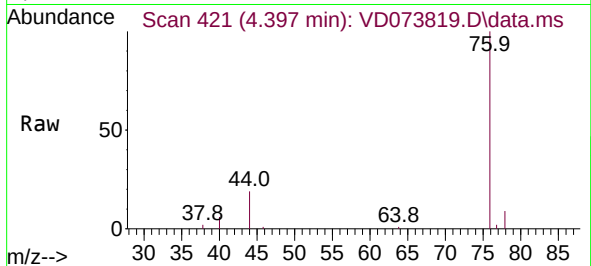




#17
Carbon Disulfide
Concen: 61.326 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

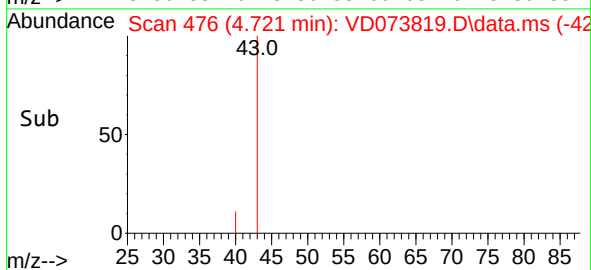
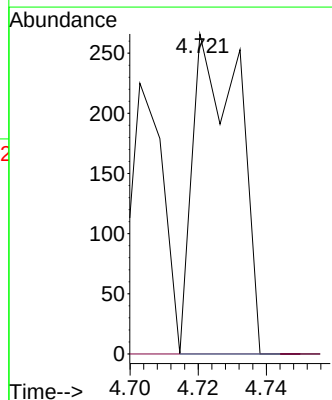
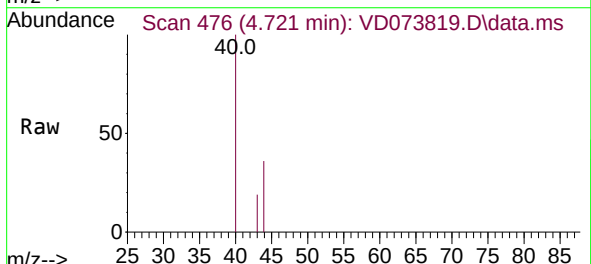
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

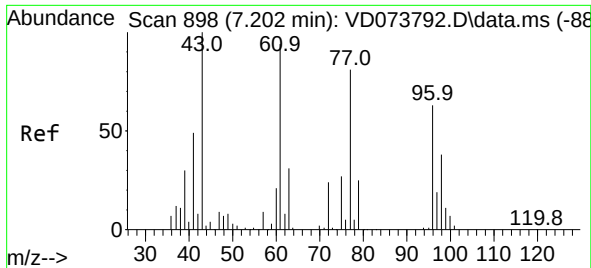
Tgt Ion: 76 Resp: 58738
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

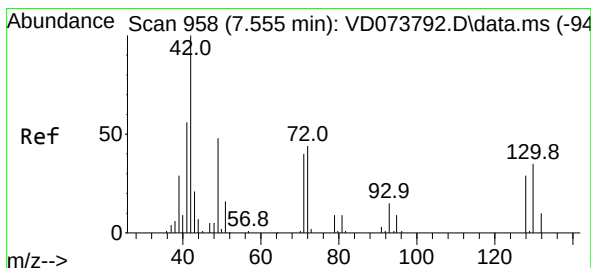
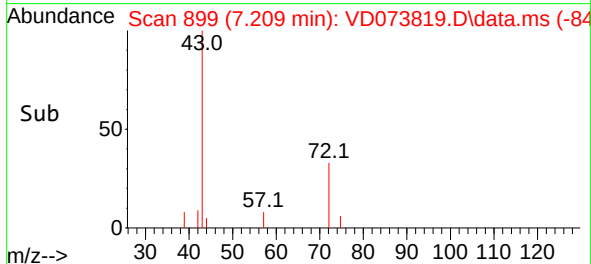
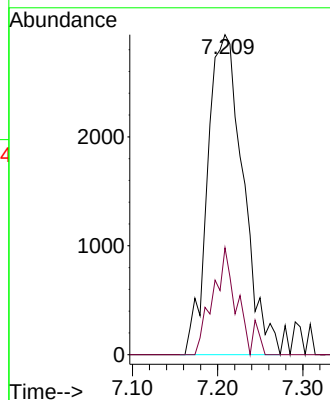
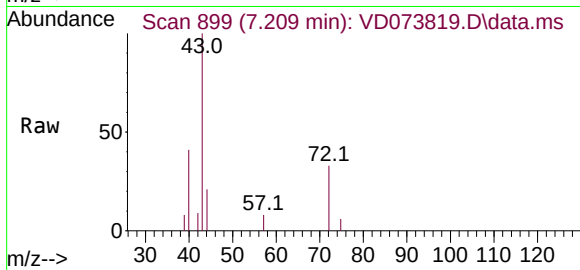




#25
2-Butanone
Concen: 23.549 ug/l
RT: 7.209 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

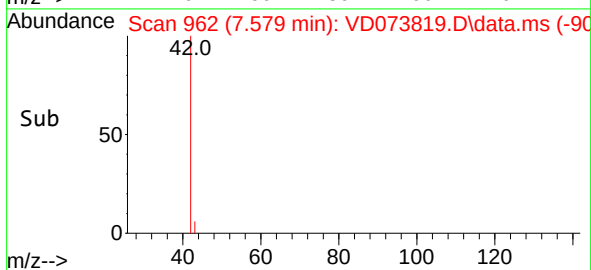
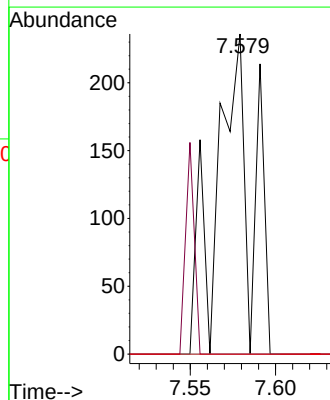
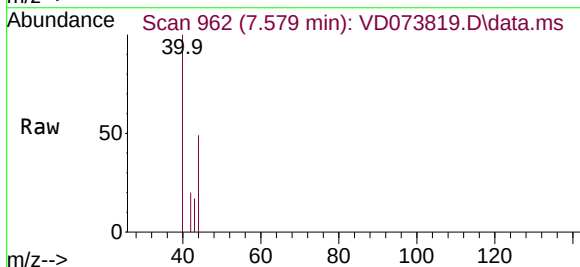
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

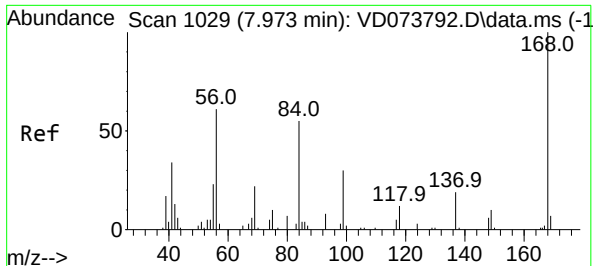
Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
72 33.4 18.8 28.2#



#29
Tetrahydrofuran
Concen: 1.589 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.024 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

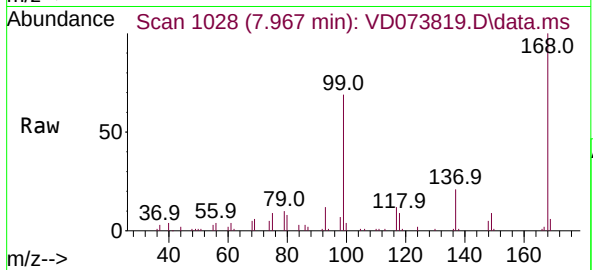
Tgt Ion: 42 Resp: 338
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 33.0 49.6#



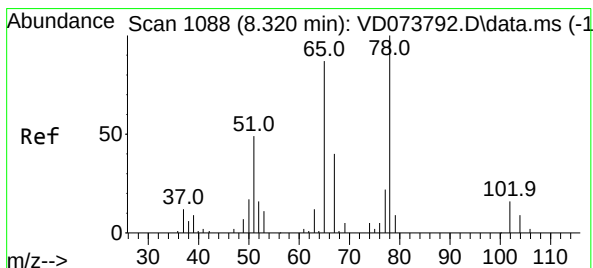
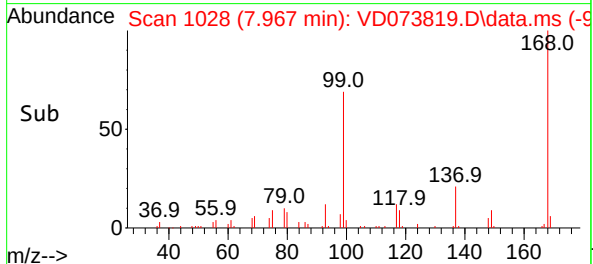
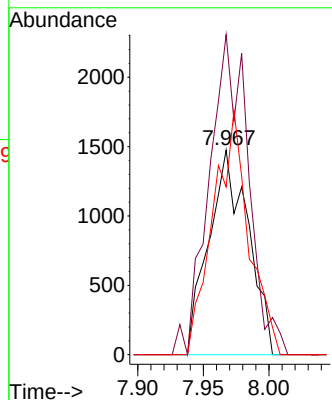


#31
Cyclohexane
Concen: Below Cal
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

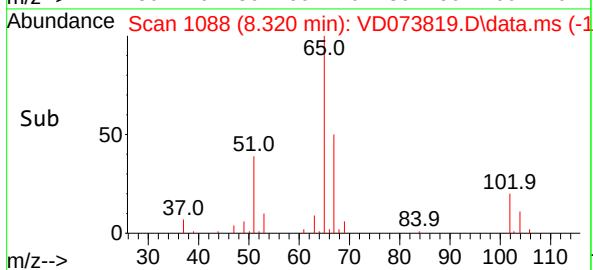
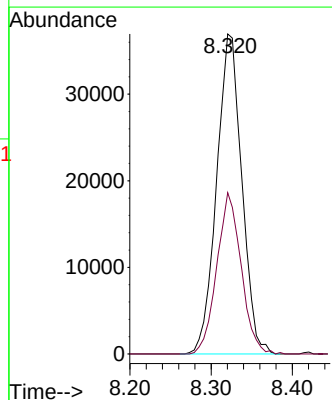
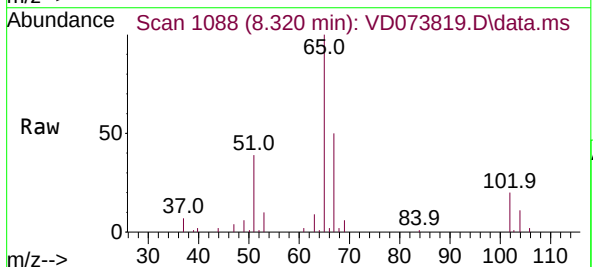


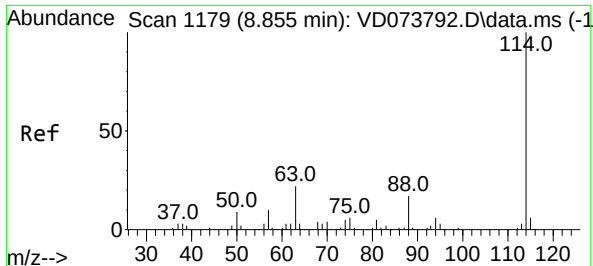
Tgt Ion: 56 Resp: 3076
Ion Ratio Lower Upper
56 100
69 145.7 29.4 44.2#
84 82.0 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 72.578 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 65 Resp: 79633
Ion Ratio Lower Upper
65 100
67 48.7 0.0 105.8

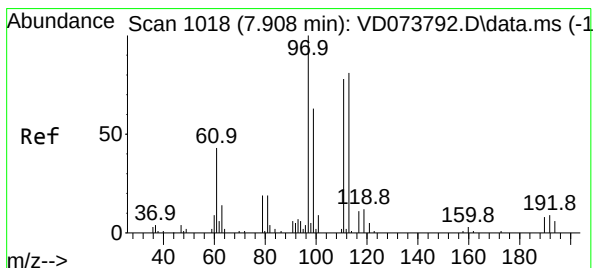
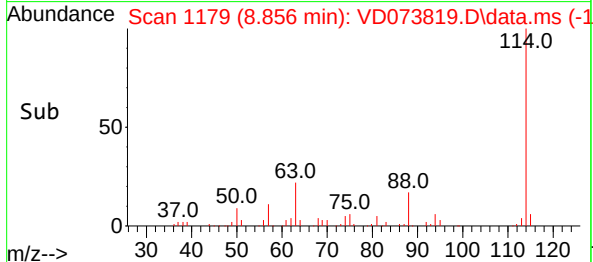
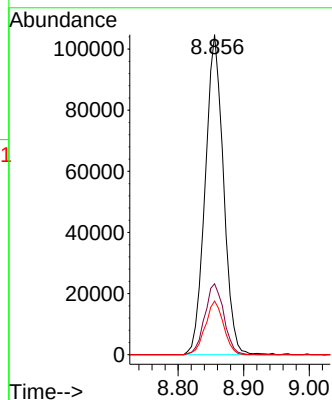
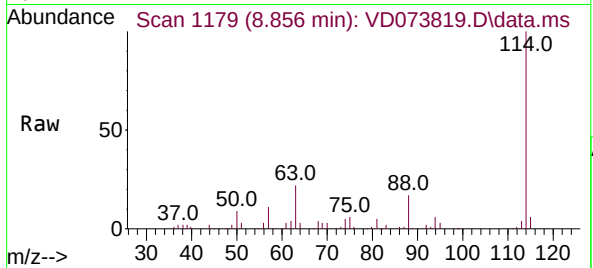




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

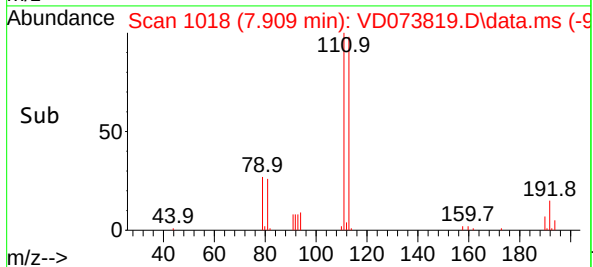
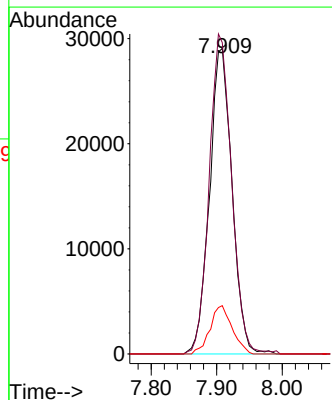
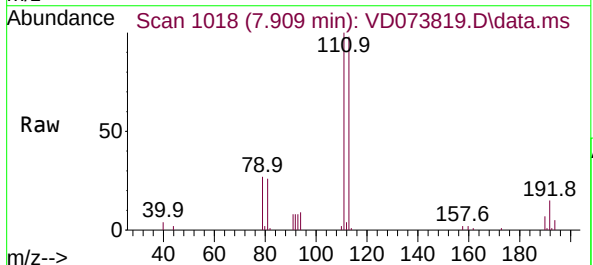
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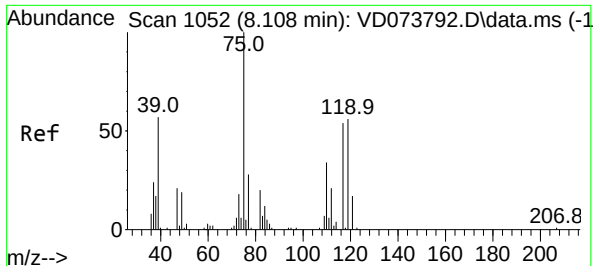
Tgt Ion:114 Resp: 202643
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 55.819 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion:113 Resp: 69404
Ion Ratio Lower Upper
113 100
111 104.1 82.7 124.1
192 15.6 11.7 17.5





#36

1,1-Dichloropropene

Concen: 5.824 ug/l

RT: 7.962 min Scan# 1027

Delta R.T. -0.147 min

Lab File: VD073819.D

Acq: 07 Jul 2022 20:29

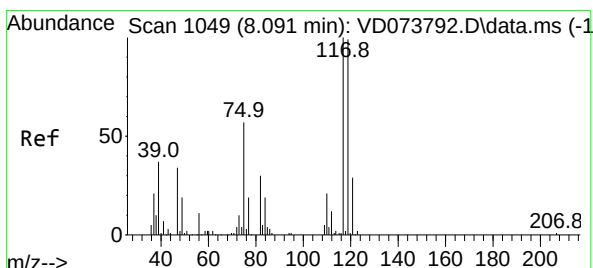
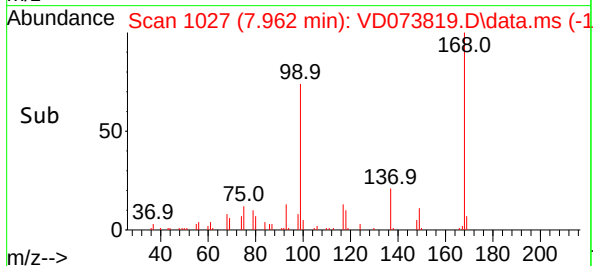
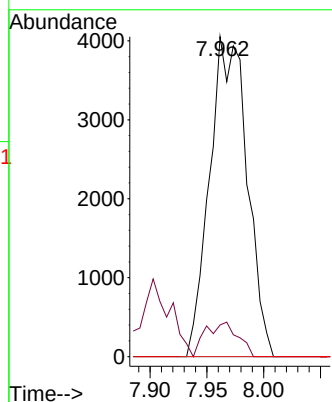
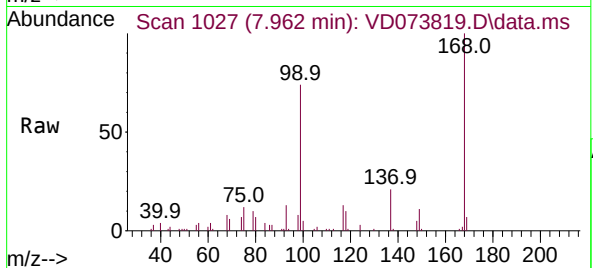
Instrument :

MSVOA_D

ClientSampleId :

20220485A-3A

Tgt Ion:	75	Resp:	9265
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.7#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.995 ug/l

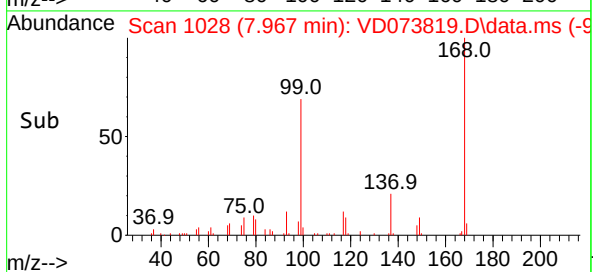
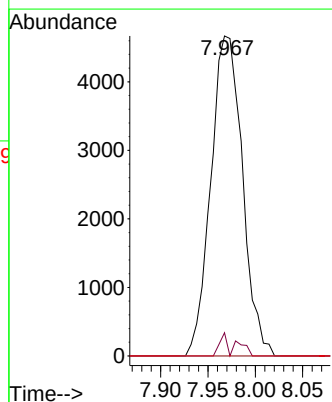
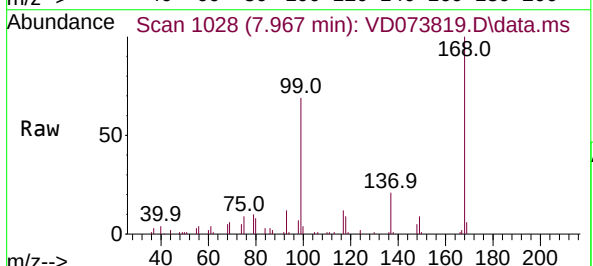
RT: 7.967 min Scan# 1028

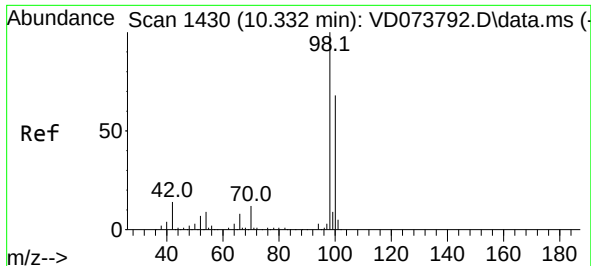
Delta R.T. -0.123 min

Lab File: VD073819.D

Acq: 07 Jul 2022 20:29

Tgt Ion:	117	Resp:	10842
Ion	Ratio	Lower	Upper
117	100		
119	7.3	79.3	118.9#
121	0.0	22.9	34.3#

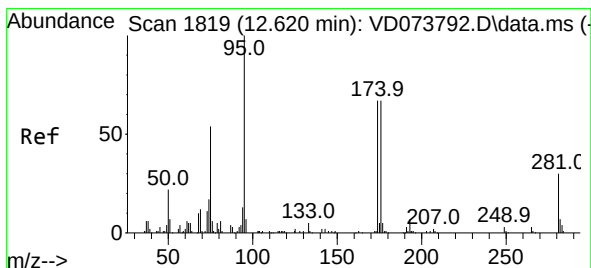
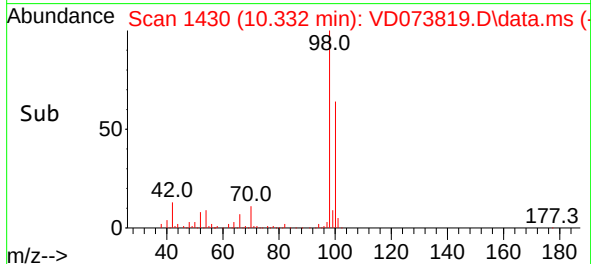
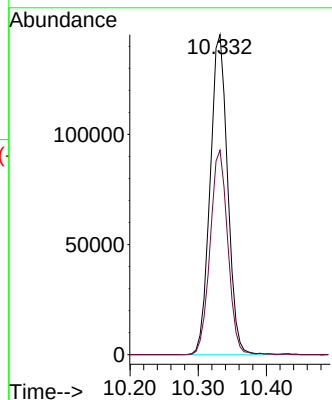
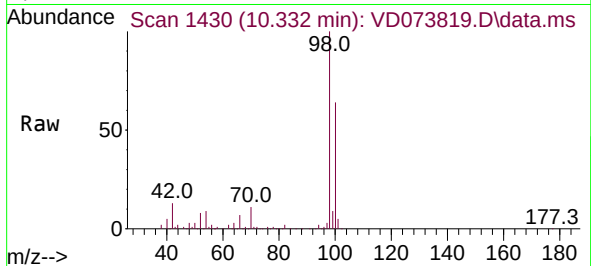




#50
Toluene-d8
Concen: 61.682 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

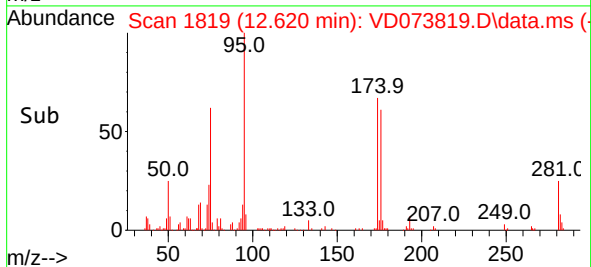
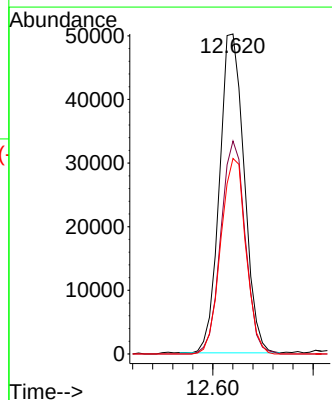
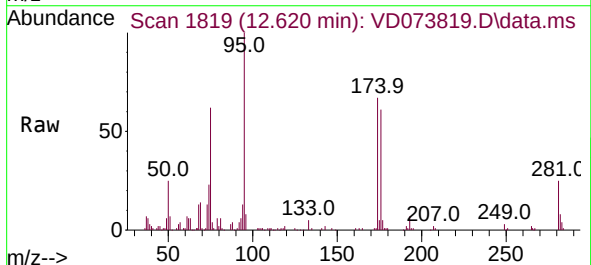
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

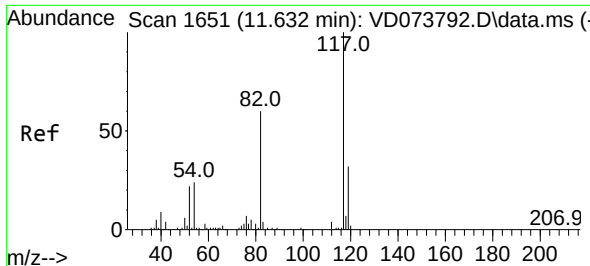
Tgt Ion: 98 Resp: 259814
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 95 Resp: 85554
Ion Ratio Lower Upper
95 100
174 66.0 0.0 132.4
176 62.1 0.0 129.0

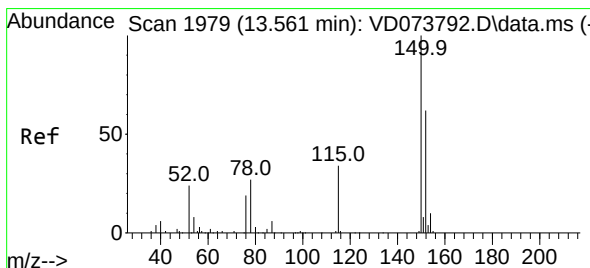
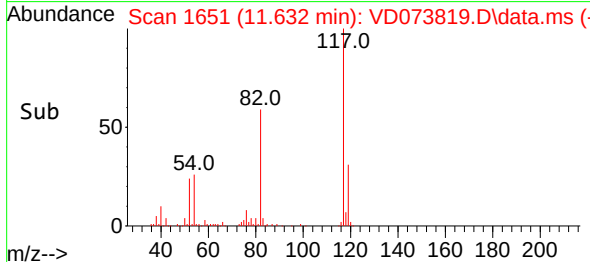
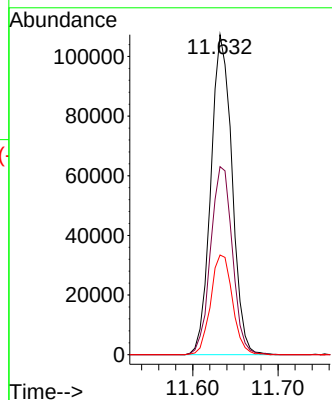
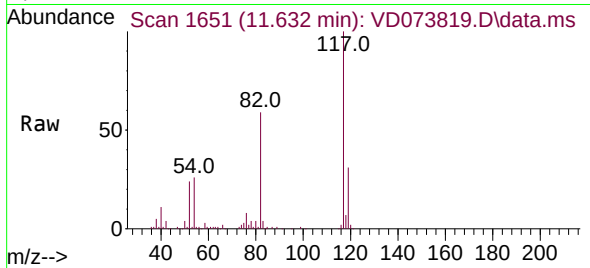




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

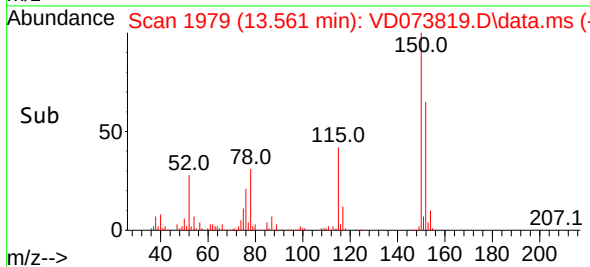
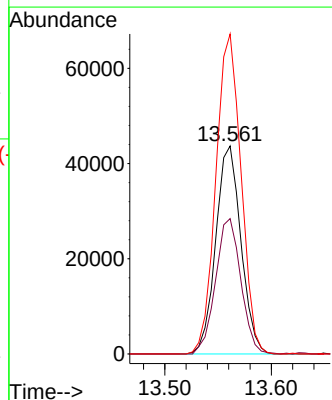
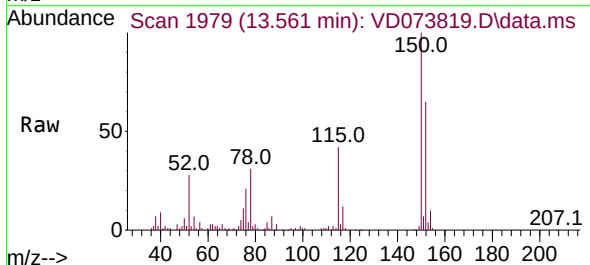
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

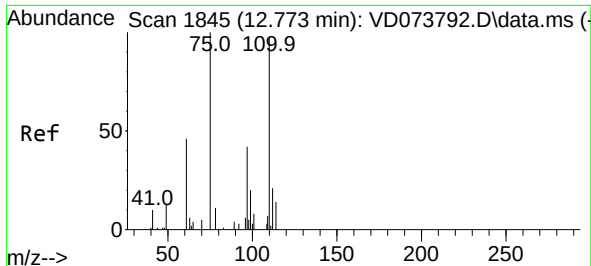
Tgt Ion:117 Resp: 185000
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.2
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion:152 Resp: 71778
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 153.5 0.0 353.0

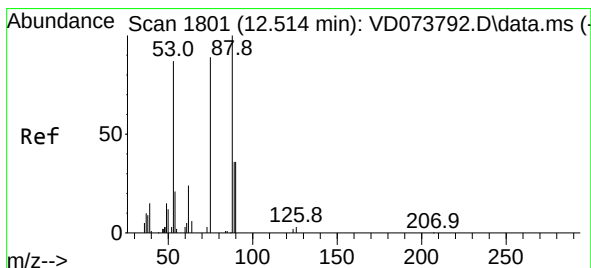
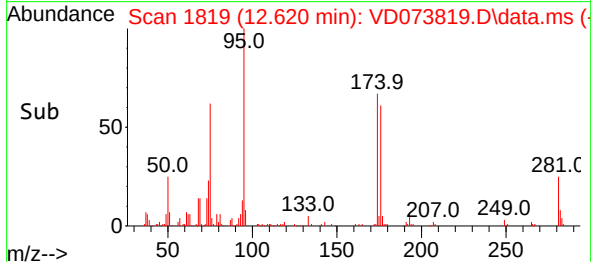
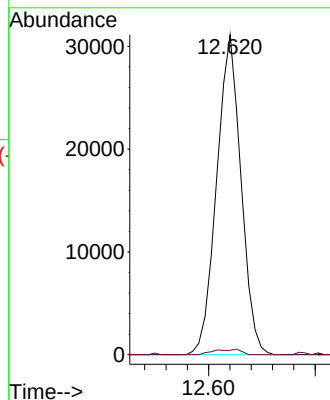
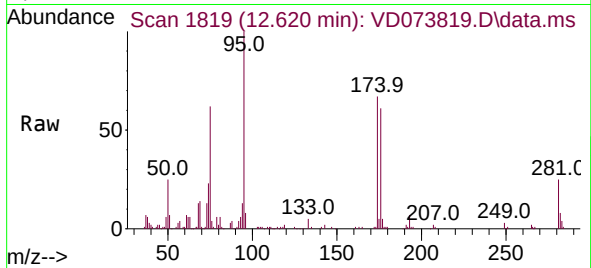




#76
1,2,3-Trichloropropane
Concen: 62.979 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

Tgt Ion: 75 Resp: 49218
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.701 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 75 Resp: 49218
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.6 37.2 55.8#

