

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073042.D
 Acq On : 16 May 2022 18:35
 Operator : VA/SY
 Sample : N2816-22
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-051222

Quant Time: May 17 03:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

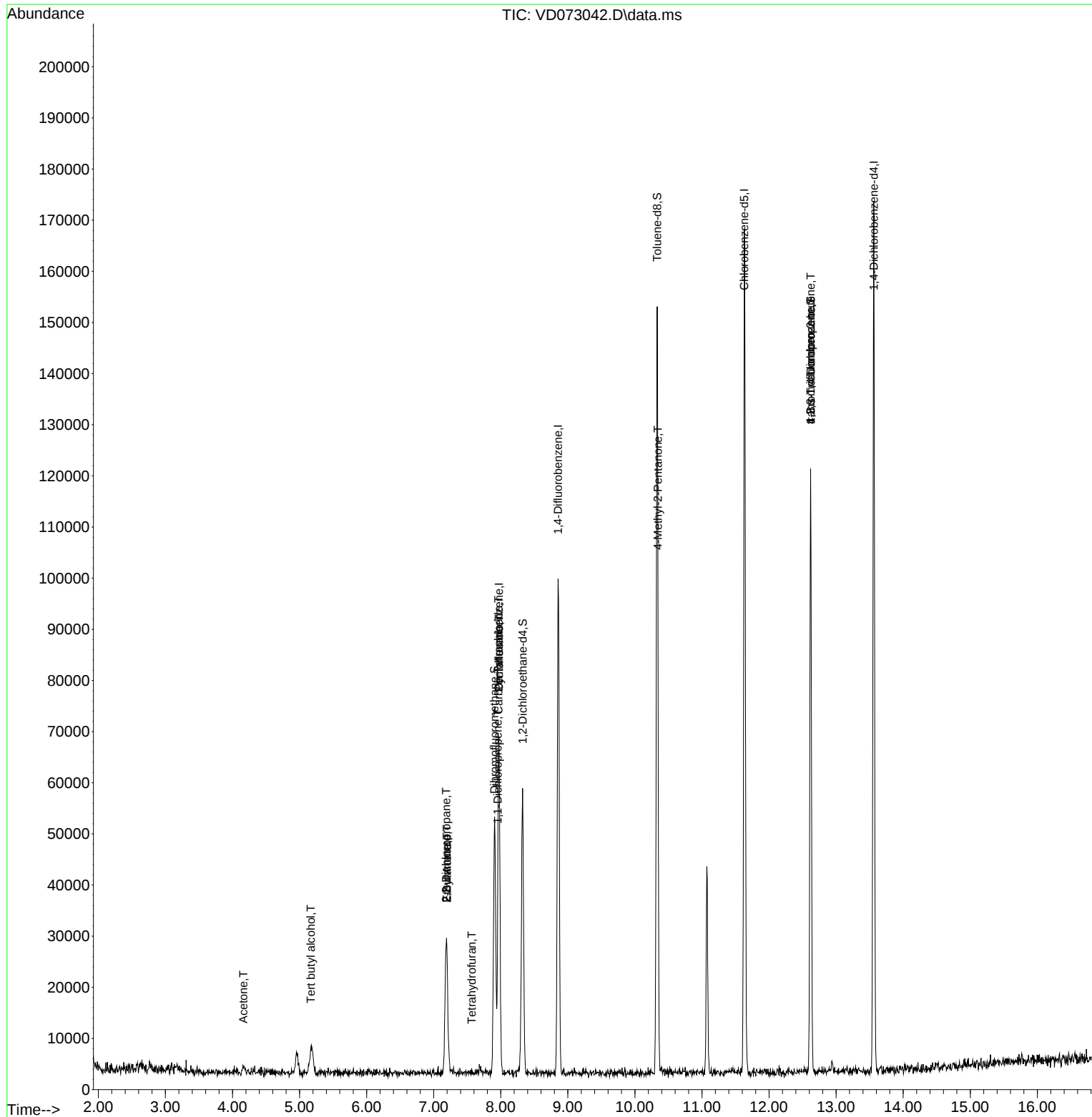
Internal Standards						
1) Pentafluorobenzene	7.973	168	47931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	81974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	94917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	42103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44597	71.678	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.360%			
35) Dibromofluoromethane	7.903	113	36055	62.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.260%			
50) Toluene-d8	10.332	98	100369	48.602	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.200%			
62) 4-Bromofluorobenzene	12.620	95	38224	49.639	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.280%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.167	59	5816	108.041	ug/l #	74
16) Acetone	4.162	43	2121	4.523	ug/l #	47
18) Methyl Acetate	4.732	43	54	Below Cal	#	55
20) Methylene Chloride	4.973	84	2901	Below Cal	#	59
25) 2-Butanone	7.197	43	1659	9.151	ug/l #	52
26) 2,2-Dichloropropane	7.185	77	1301	1.248	ug/l #	54
29) Tetrahydrofuran	7.567	42	128	1.108	ug/l #	38
31) Cyclohexane	7.973	56	1335	1.227	ug/l #	5
36) 1,1-Dichloropropene	7.955	75	4152	4.435	ug/l #	50
37) Ethyl Acetate	7.197	43	1659	3.855	ug/l #	1
38) Carbon Tetrachloride	7.967	117	4586	4.719	ug/l #	13
51) 4-Methyl-2-Pentanone	10.344	43	441	1.068	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	20125	42.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	20125	98.577	ug/l #	7

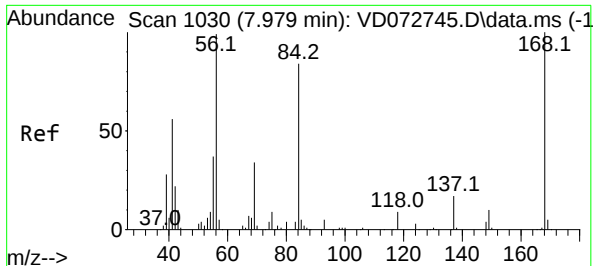
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
Data File : VD073042.D
Acq On : 16 May 2022 18:35
Operator : VA/SY
Sample : N2816-22
Misc : 5.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

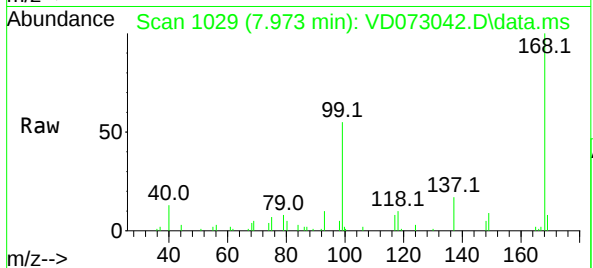
Quant Time: May 17 03:30:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



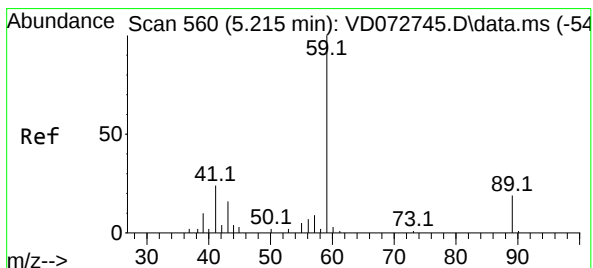
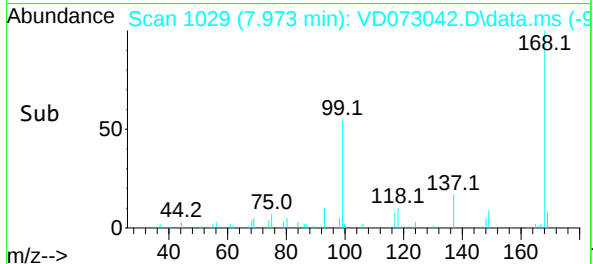
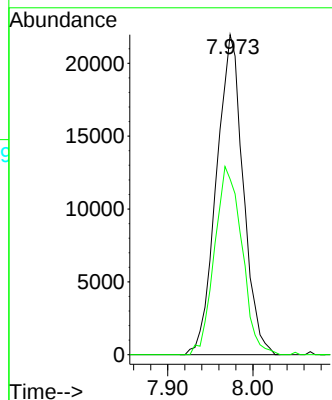


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

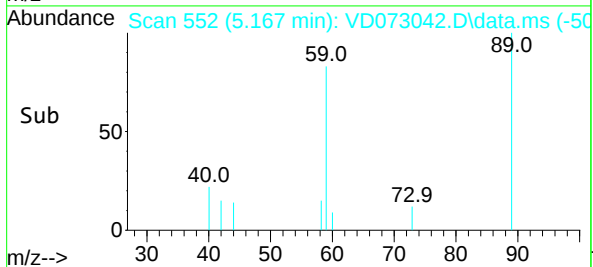
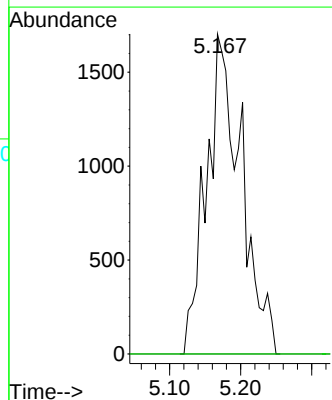
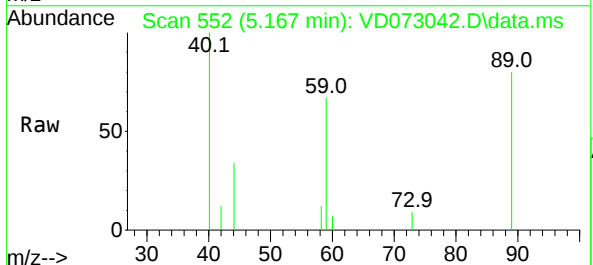


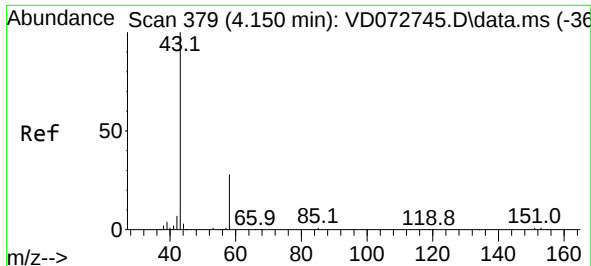
Tgt Ion:168 Resp: 47931
Ion Ratio Lower Upper
168 100
99 54.8 49.8 74.6



#11
Tert butyl alcohol
Concen: 108.041 ug/l
RT: 5.167 min Scan# 552
Delta R.T. -0.048 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 59 Resp: 5816
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

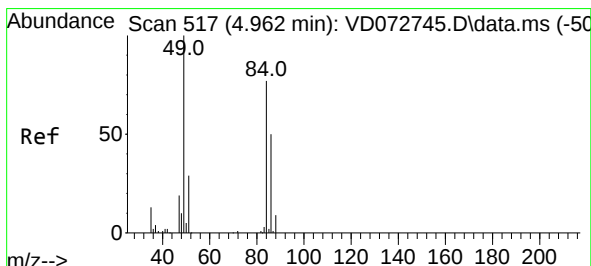
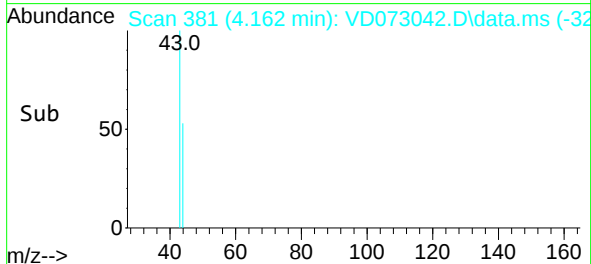
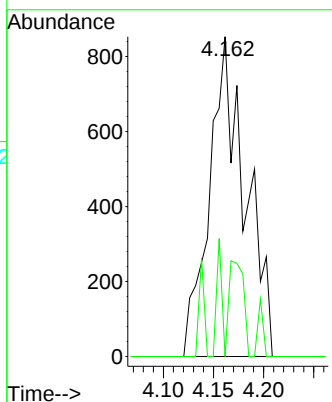
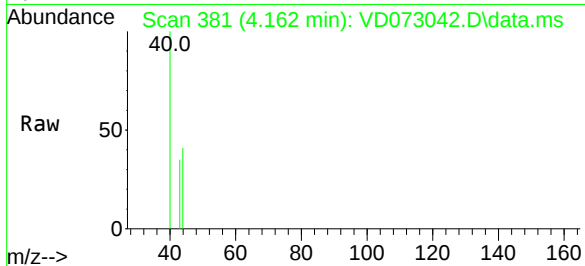




#16
Acetone
Concen: 4.523 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

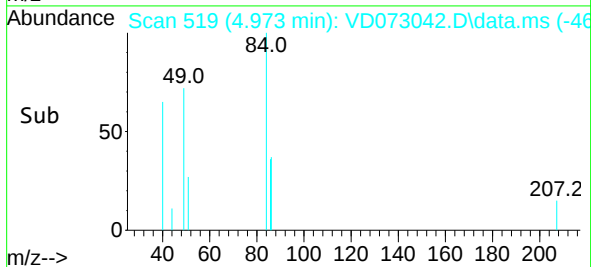
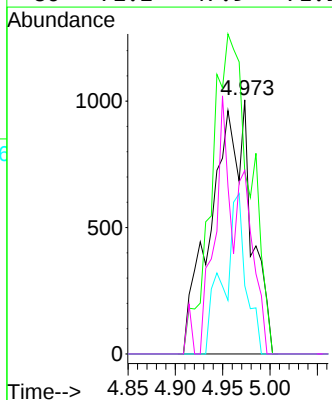
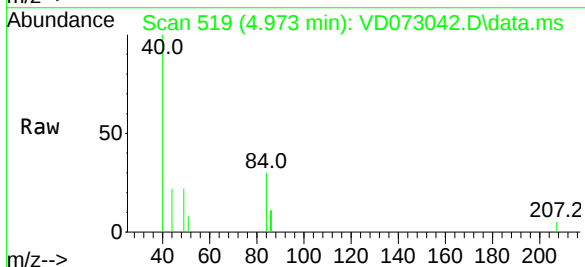
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

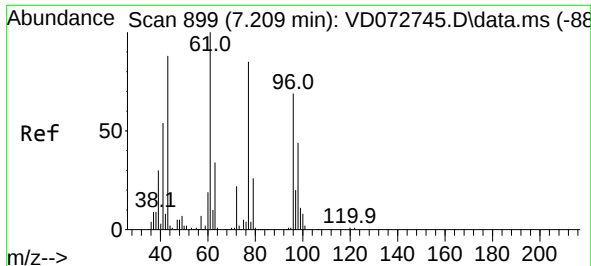
Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 84 Resp: 2901
Ion Ratio Lower Upper
84 100
49 71.9 112.8 169.2#
51 26.9 32.6 48.8#
86 72.2 47.9 71.9#

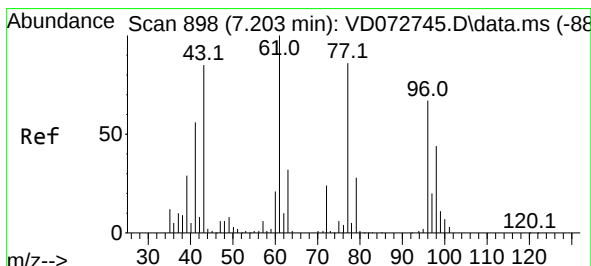
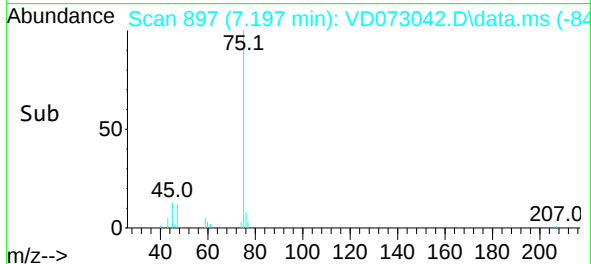
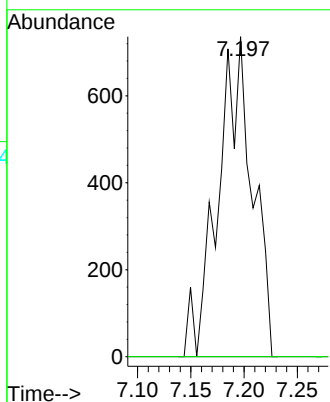
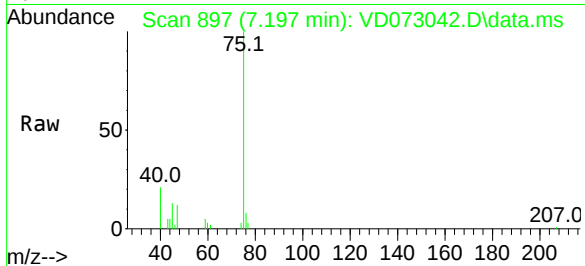




#25
2-Butanone
Concen: 9.151 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

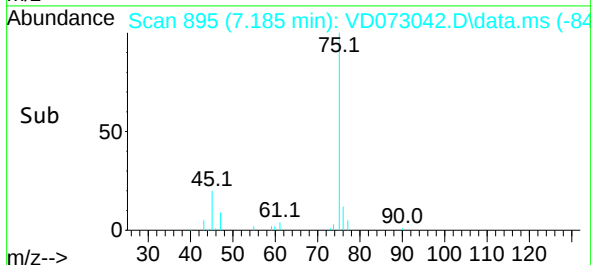
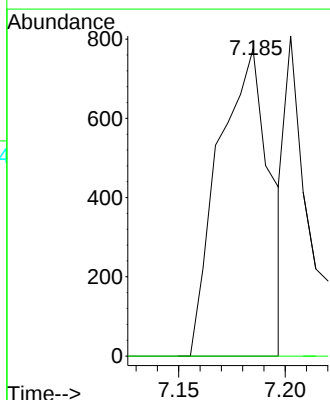
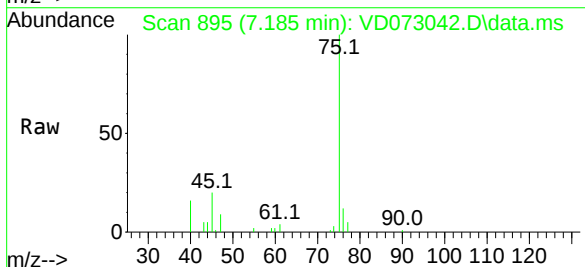
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

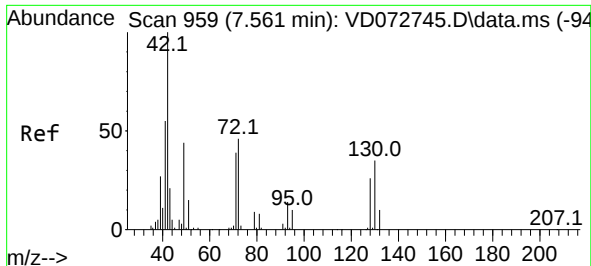
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 1.248 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 77 Resp: 1301
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#





#29

Tetrahydrofuran

Concen: 1.108 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD073042.D

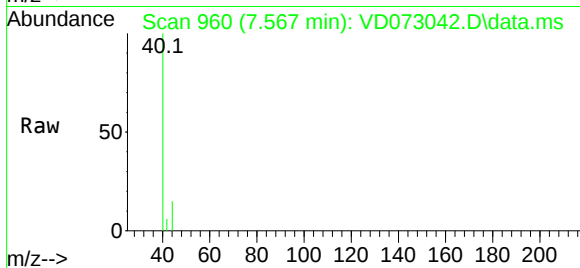
Acq: 16 May 2022 18:35

Instrument :

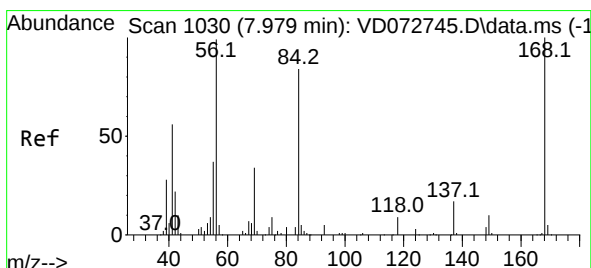
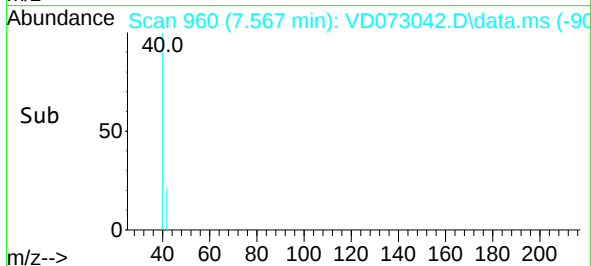
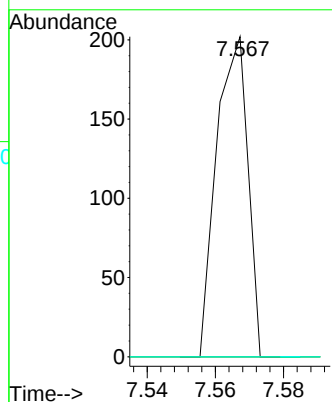
MSVOA_D

ClientSampleId :

OK-02-051222



Tgt Ion:	42	Resp:	128
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.227 ug/l

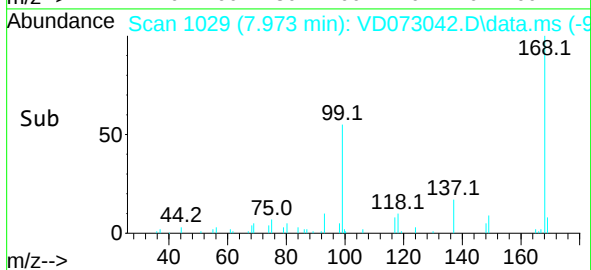
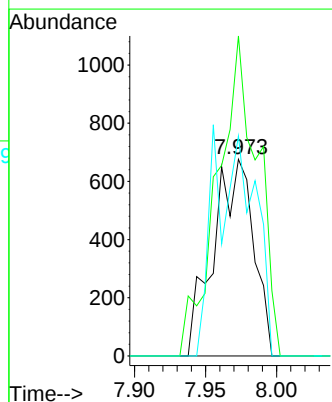
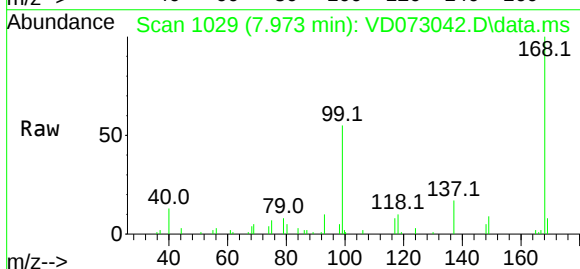
RT: 7.973 min Scan# 1029

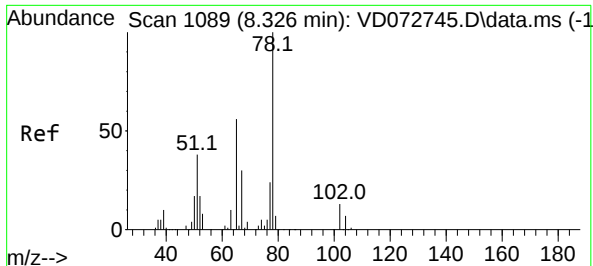
Delta R.T. -0.006 min

Lab File: VD073042.D

Acq: 16 May 2022 18:35

Tgt Ion:	56	Resp:	1335
Ion	Ratio	Lower	Upper
56	100		
69	162.7	25.4	38.2#
84	111.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 71.678 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073042.D

Acq: 16 May 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

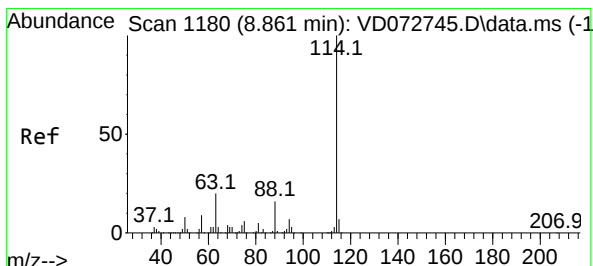
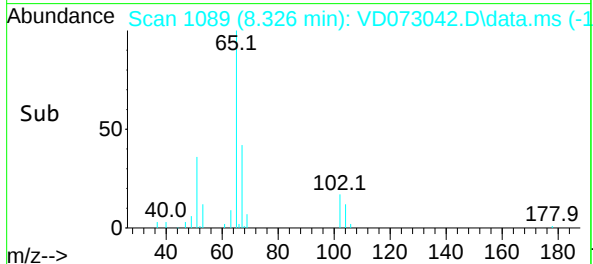
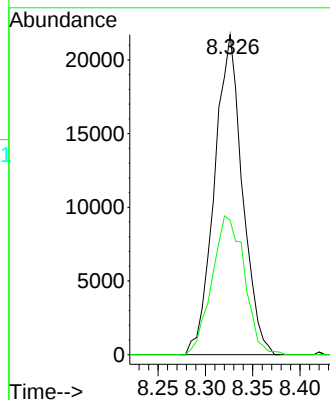
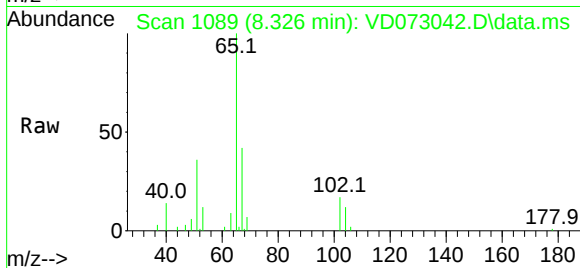
OK-02-051222

Tgt Ion: 65 Resp: 44597

Ion Ratio Lower Upper

65 100

67 50.2 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: VD073042.D

Acq: 16 May 2022 18:35

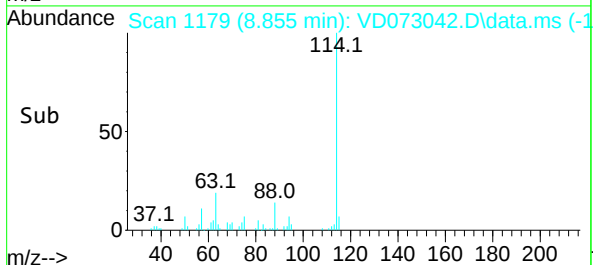
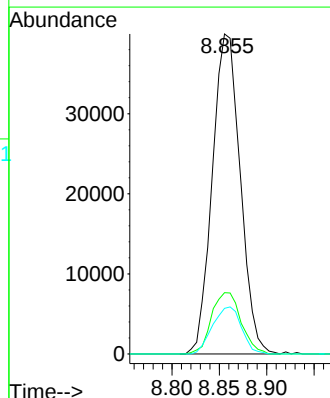
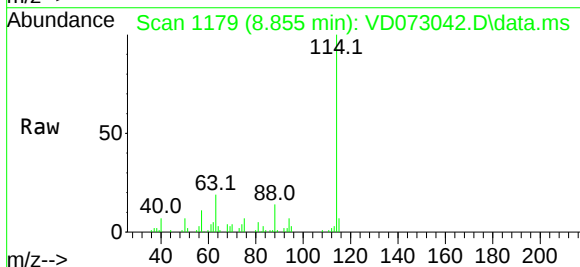
Tgt Ion: 114 Resp: 81974

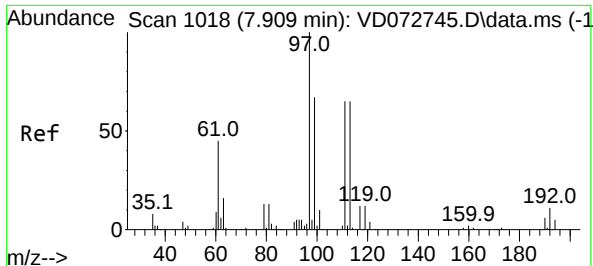
Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 14.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 62.627 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073042.D

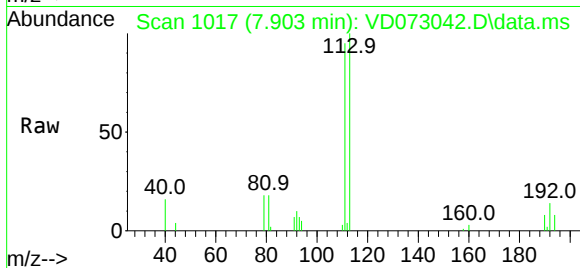
Acq: 16 May 2022 18:35

Instrument :

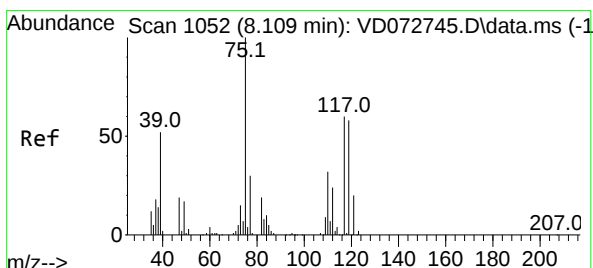
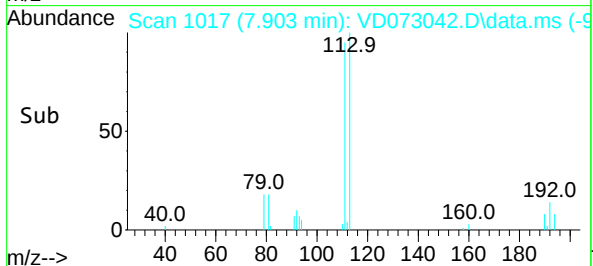
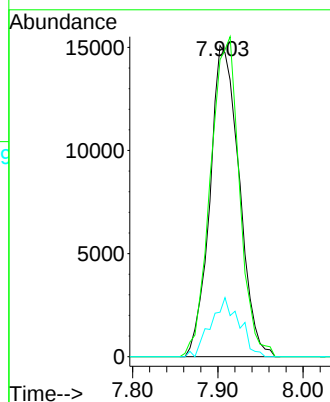
MSVOA_D

ClientSampleId :

OK-02-051222



Tgt Ion:	113	Resp:	36055
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.8	125.6
192	18.5	14.6	21.8



#36

1,1-Dichloropropene

Concen: 4.435 ug/l

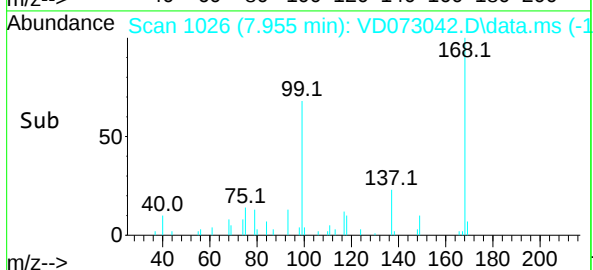
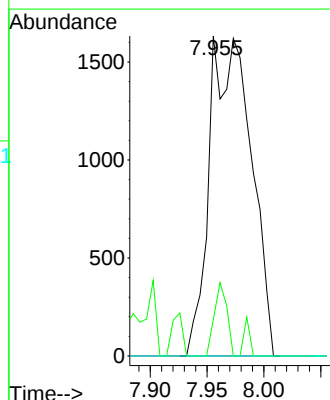
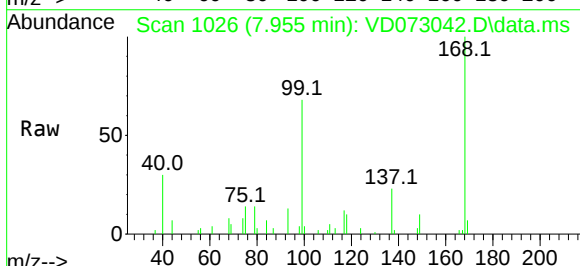
RT: 7.955 min Scan# 1026

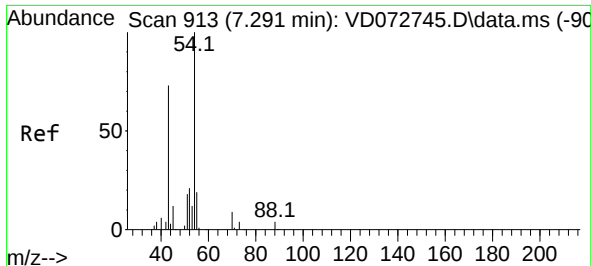
Delta R.T. -0.154 min

Lab File: VD073042.D

Acq: 16 May 2022 18:35

Tgt Ion:	75	Resp:	4152
Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.4	49.1#
77	0.0	24.2	36.2#

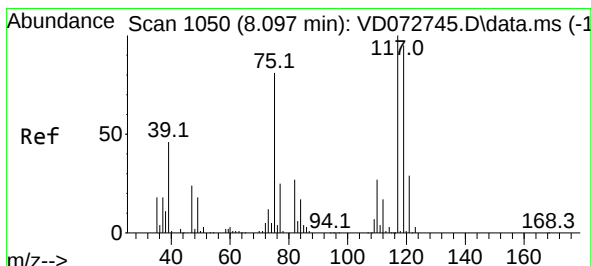
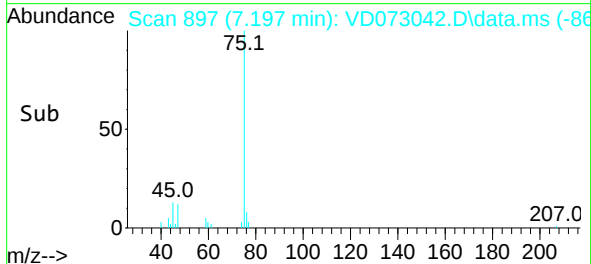
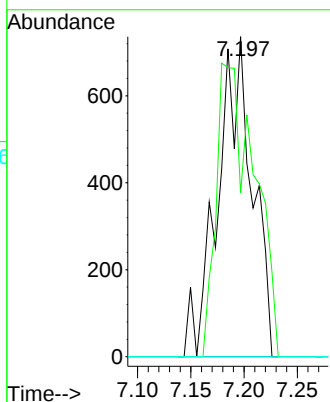
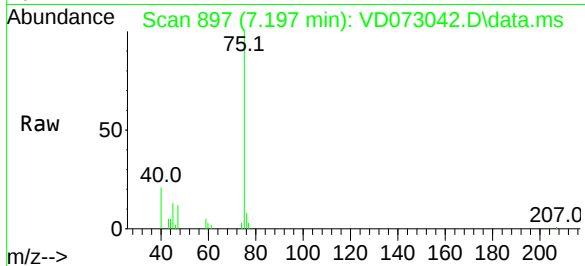




#37
Ethyl Acetate
Concen: 3.855 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.094 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

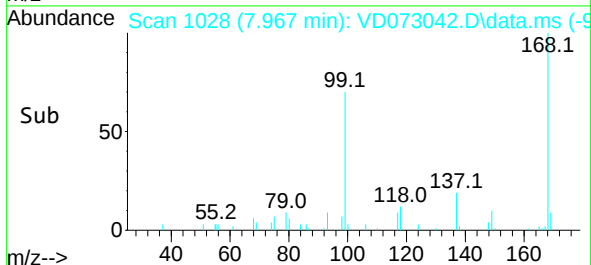
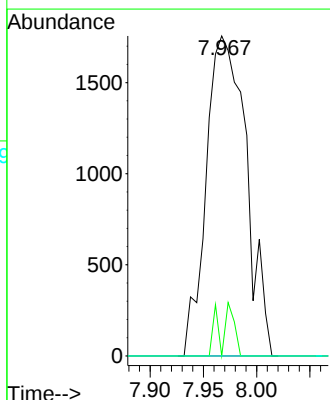
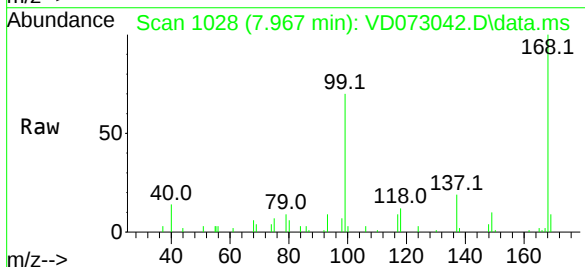
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

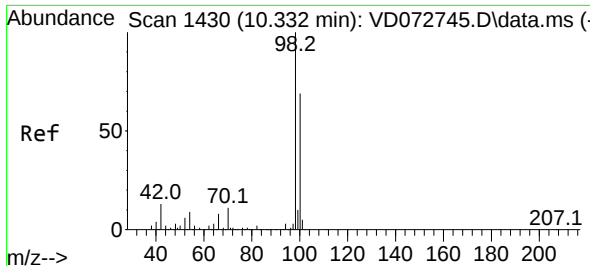
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
61 101.6 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 4.719 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.130 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 117 Resp: 4586
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#

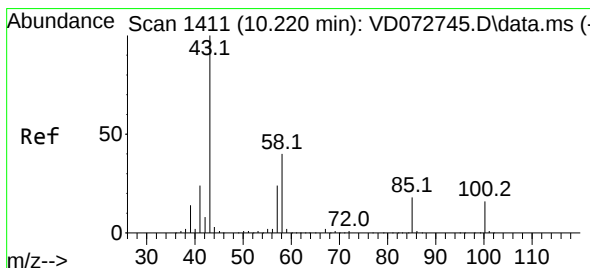
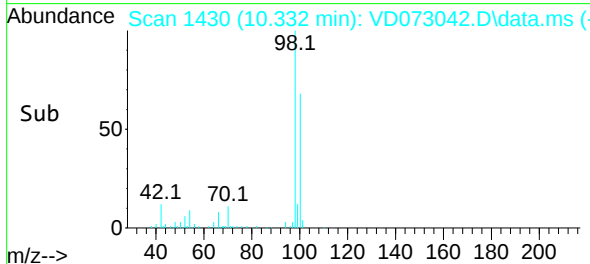
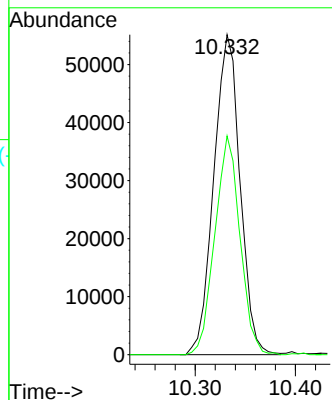
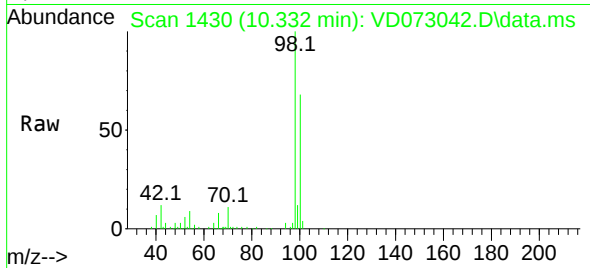




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

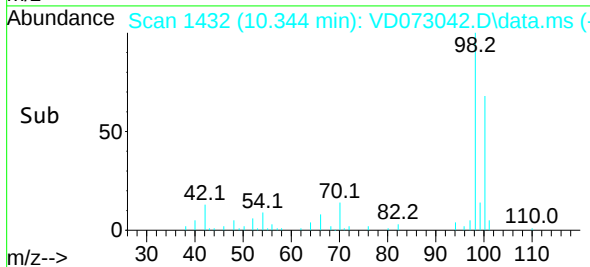
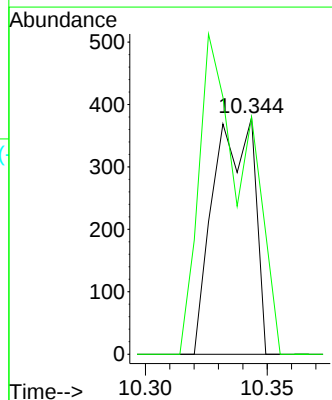
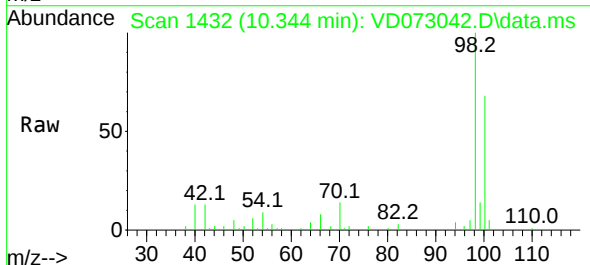
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

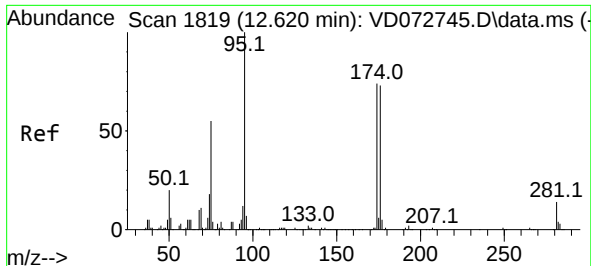
Tgt Ion: 98 Resp: 100369
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.068 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.124 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 153.5 28.6 43.0#

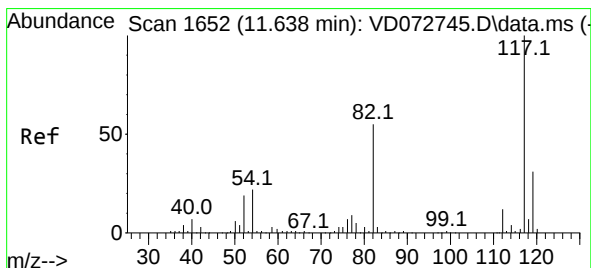
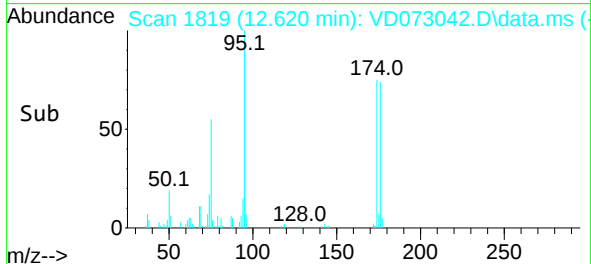
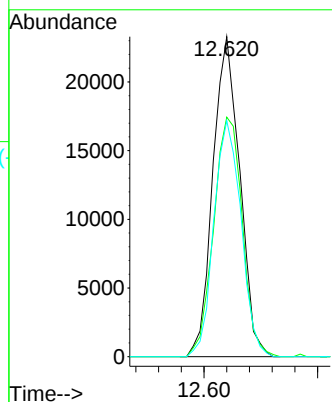
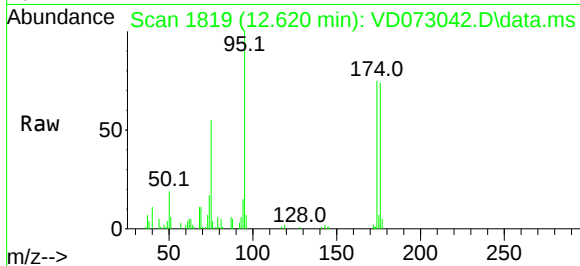




#62
4-Bromofluorobenzene
Concen: 49.639 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

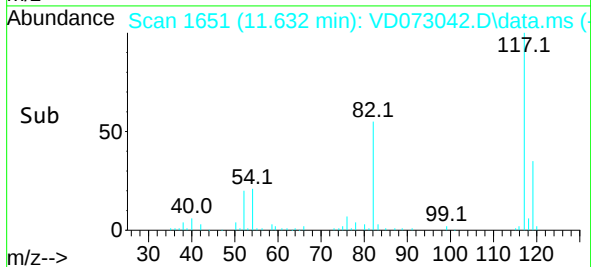
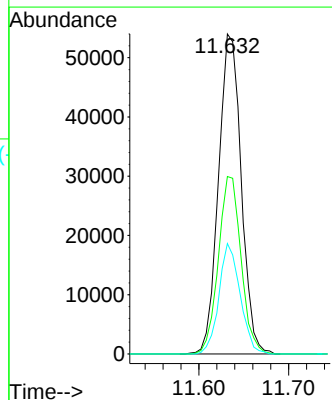
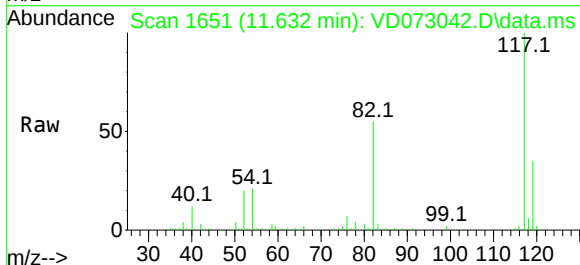
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

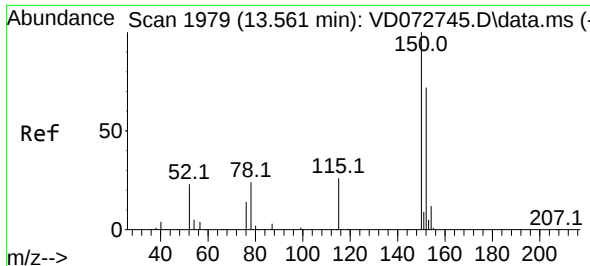
Tgt Ion:	95	Resp:	38224
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	152.8
176	74.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion:	117	Resp:	94917
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.3	67.9
119	34.5	26.6	40.0

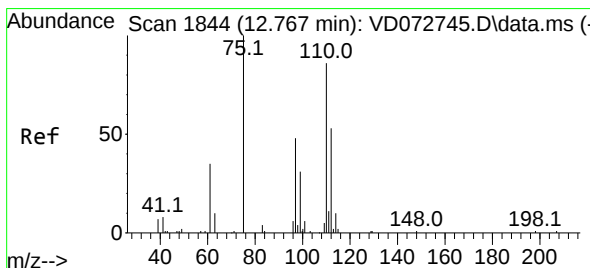
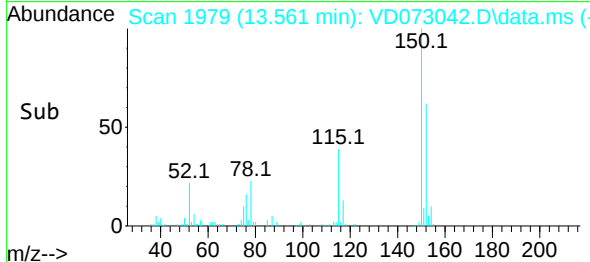
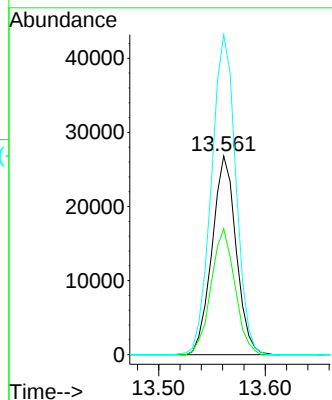
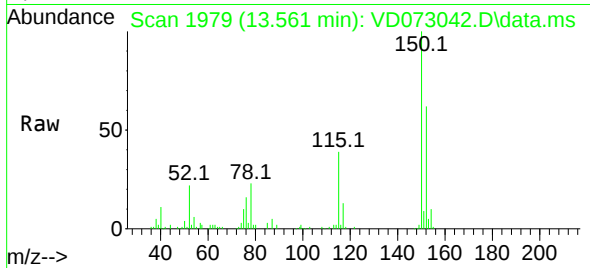




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073042.D
 Acq: 16 May 2022 18:35

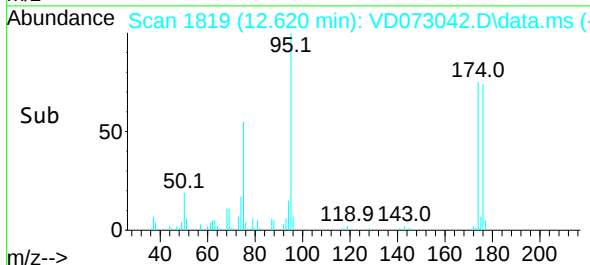
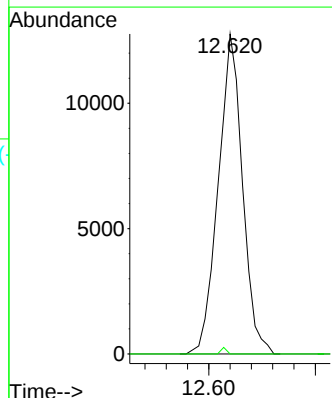
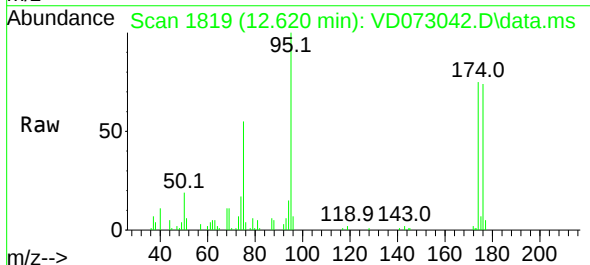
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-051222

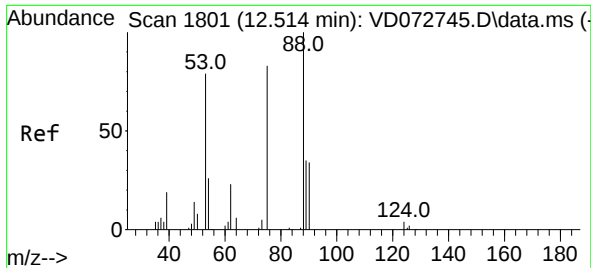
Tgt Ion:152 Resp: 42103
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.3 93.8
 150 163.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 42.867 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073042.D
 Acq: 16 May 2022 18:35

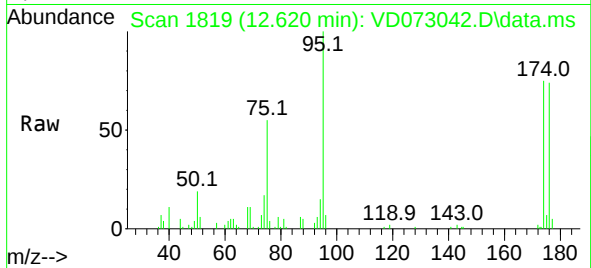
Tgt Ion: 75 Resp: 20125
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.577 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073042.D
 Acq: 16 May 2022 18:35

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-051222



Tgt Ion: 75 Resp: 20125
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

