

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072648.D
 Acq On : 20 Apr 2022 15:40
 Operator : VA/SY
 Sample : N2464-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-041822RE

Quant Time: Apr 21 01:51:23 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)

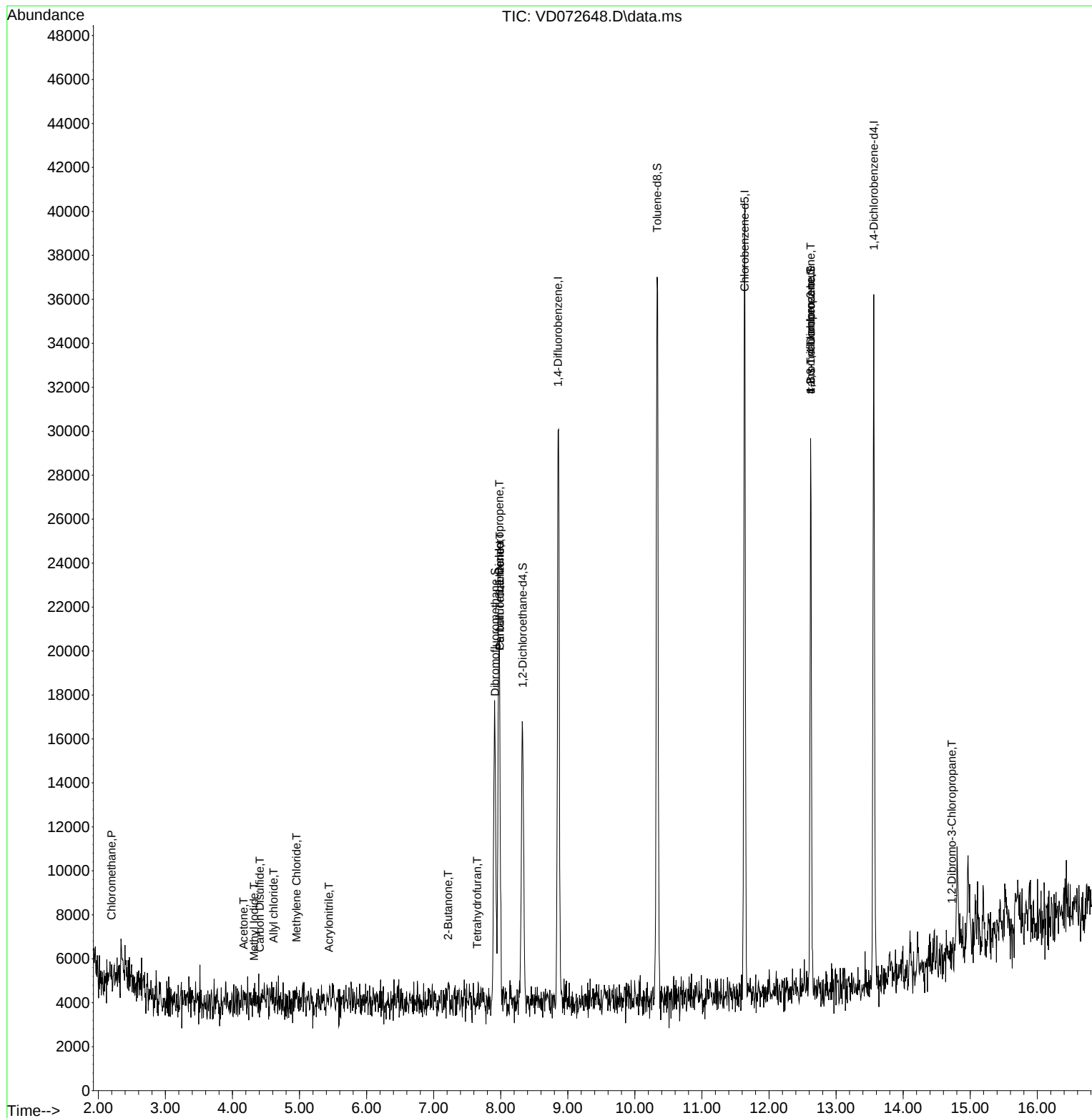
Internal Standards						
1) Pentafluorobenzene	7.985	168	13144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	23317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10512	66.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.220%			
35) Dibromofluoromethane	7.914	113	9554	52.724	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.440%			
50) Toluene-d8	10.332	98	24842	39.439	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 78.880%			
62) 4-Bromofluorobenzene	12.620	95	8066	32.789	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.580%			
Target Compounds						Qvalue
3) Chloromethane	2.197	50	228	2.363	ug/l #	40
10) Methyl Iodide	4.320	142	399	6.354	ug/l #	38
14) Allyl chloride	4.615	41	53	1.377	ug/l #	22
15) Acrylonitrile	5.438	53	53	1.575	ug/l #	17
16) Acetone	4.168	43	137	4.621	ug/l #	47
17) Carbon Disulfide	4.409	76	85	3.934	ug/l #	74
20) Methylene Chloride	4.956	84	184	1.042	ug/l #	2
25) 2-Butanone	7.214	43	59	1.439	ug/l #	52
29) Tetrahydrofuran	7.650	42	65	2.626	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	1071	5.645	ug/l #	43
38) Carbon Tetrachloride	7.985	117	1462	5.856	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	3727	42.141	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	3727	103.405	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.726	75	66	3.598	ug/l #	6

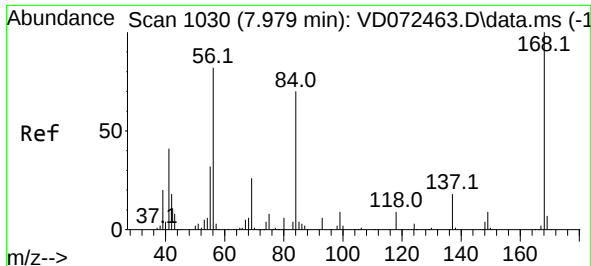
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
Data File : VD072648.D
Acq On : 20 Apr 2022 15:40
Operator : VA/SY
Sample : N2464-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

Quant Time: Apr 21 01:51:23 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

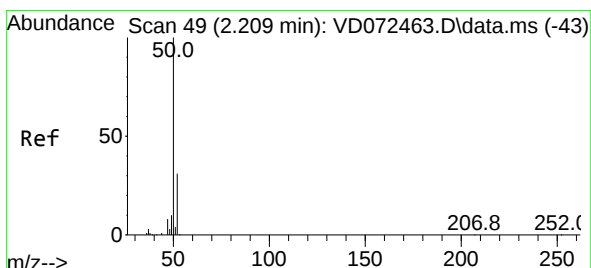
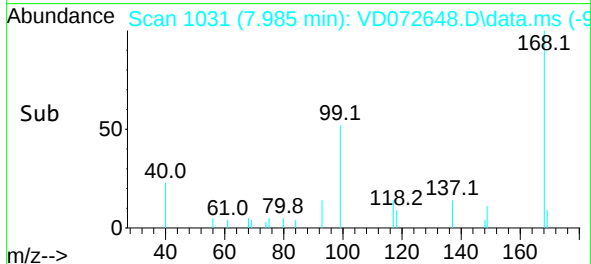
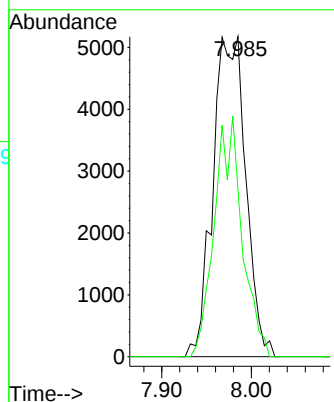
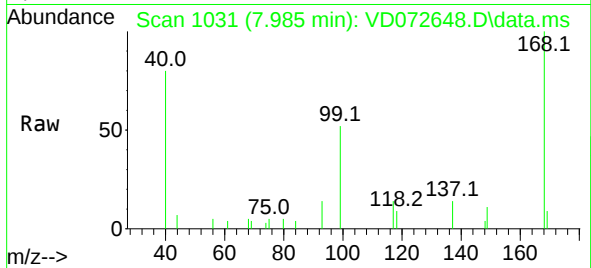




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

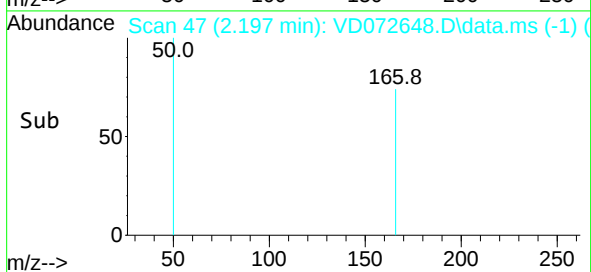
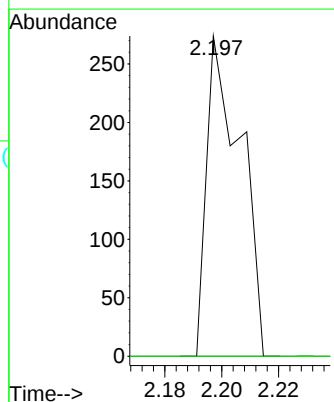
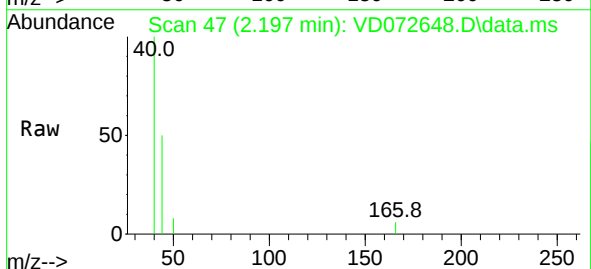
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

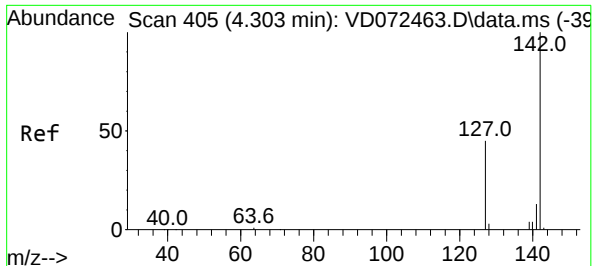
Tgt Ion:168 Resp: 13144
Ion Ratio Lower Upper
168 100
99 52.2 49.8 74.6



#3
Chloromethane
Concen: 2.363 ug/l
RT: 2.197 min Scan# 47
Delta R.T. -0.012 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

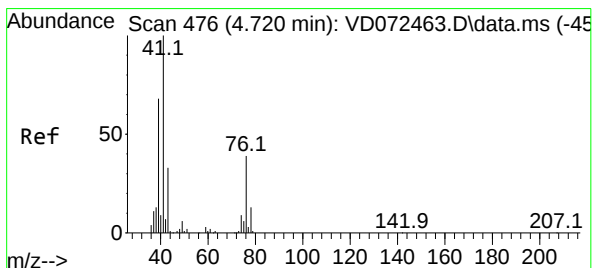
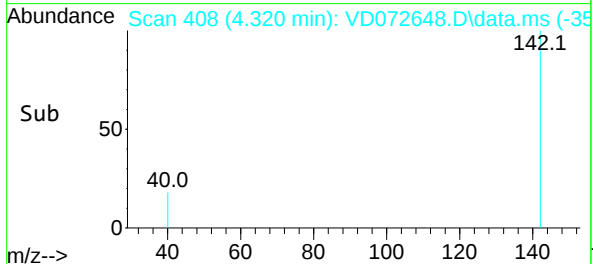
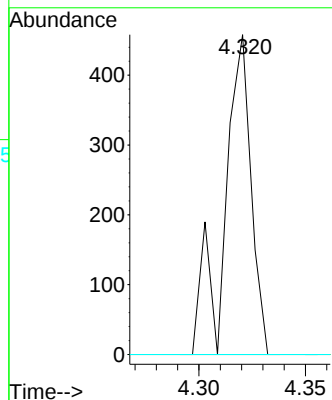
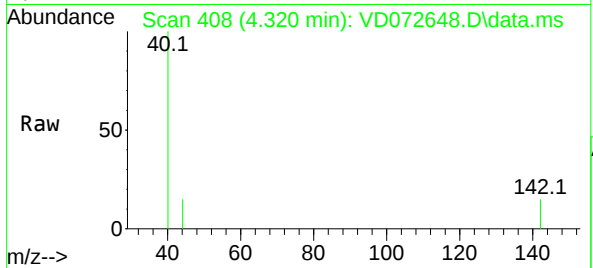




#10
Methyl Iodide
Concen: 6.354 ug/l
RT: 4.320 min Scan# 405
Delta R.T. 0.017 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

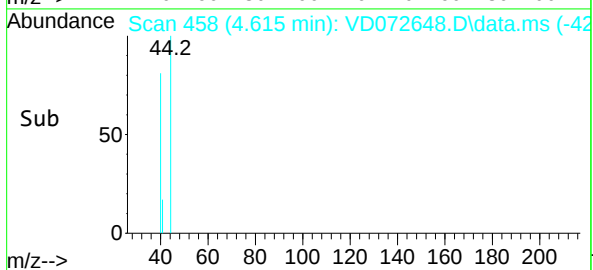
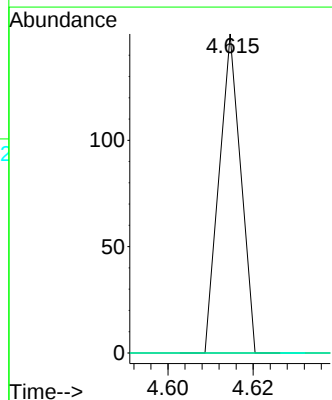
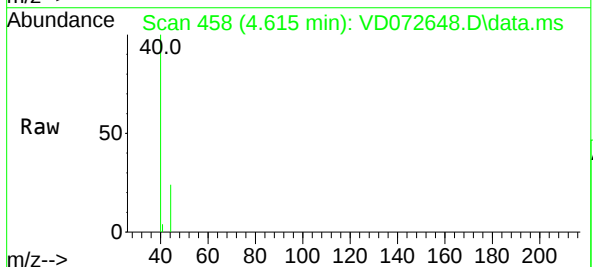
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

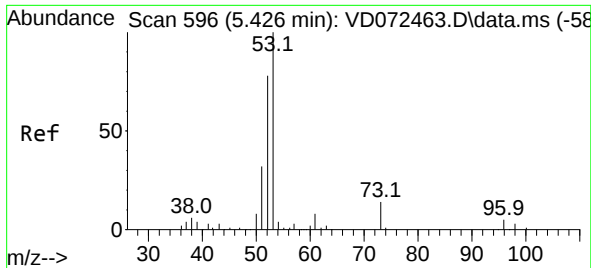
Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.377 ug/l
RT: 4.615 min Scan# 458
Delta R.T. -0.105 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

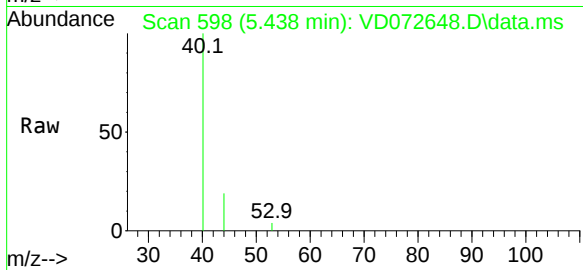
Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.7 38.5#



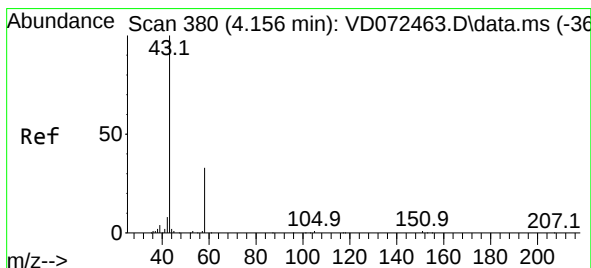
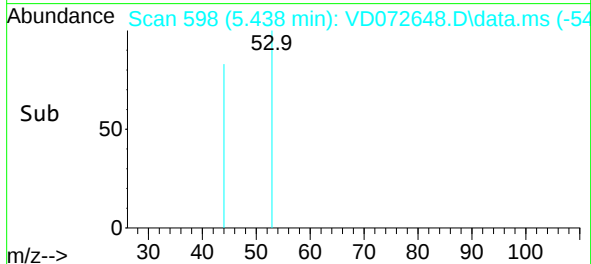
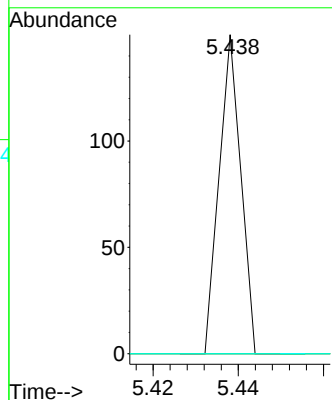


#15
Acrylonitrile
Concen: 1.575 ug/l
RT: 5.438 min Scan# 596
Delta R.T. 0.012 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

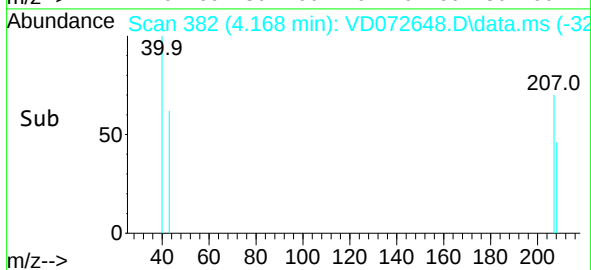
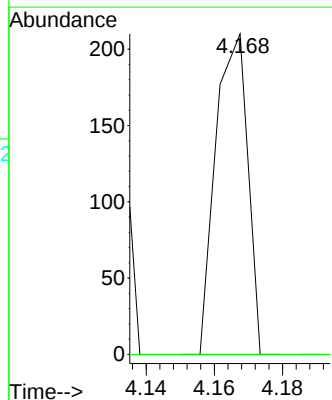
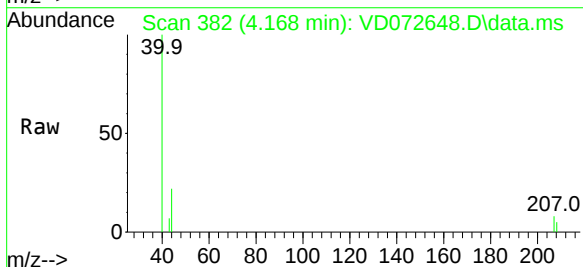


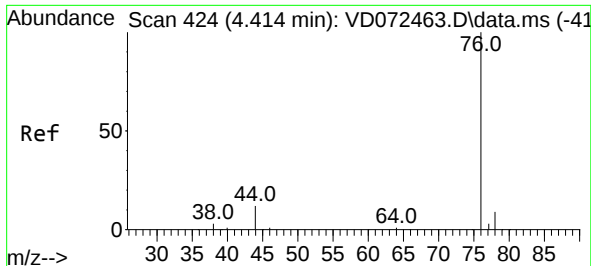
Tgt Ion: 53 Resp: 53
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 4.621 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

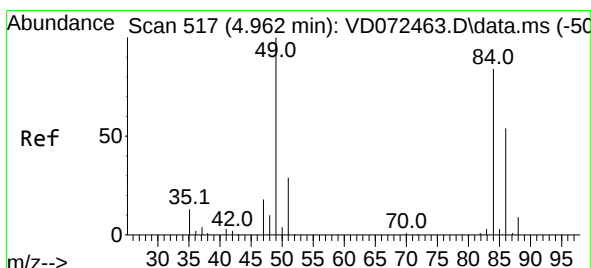
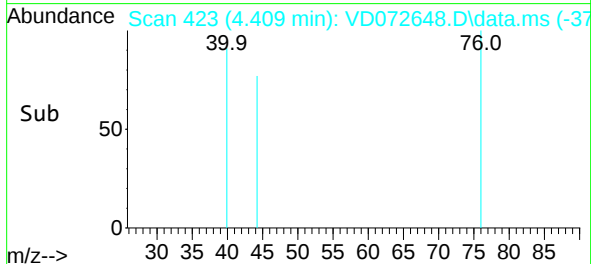
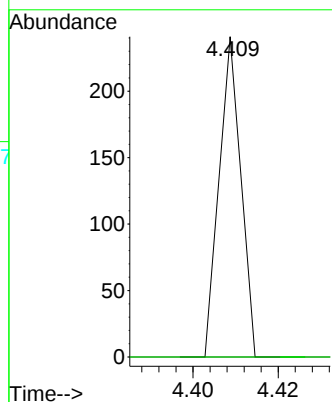
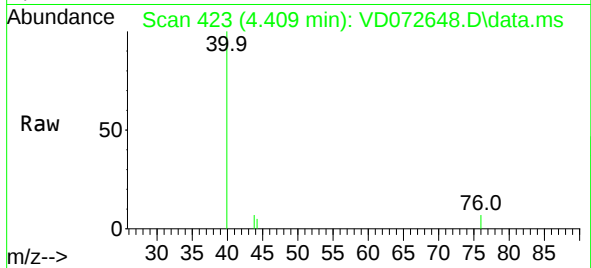




#17
Carbon Disulfide
Concen: 3.934 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

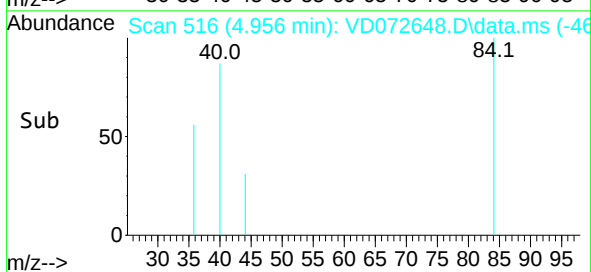
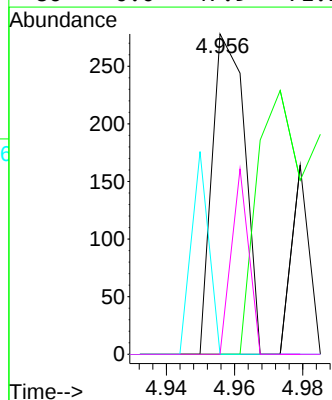
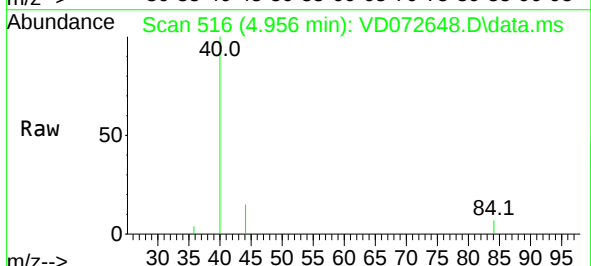
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

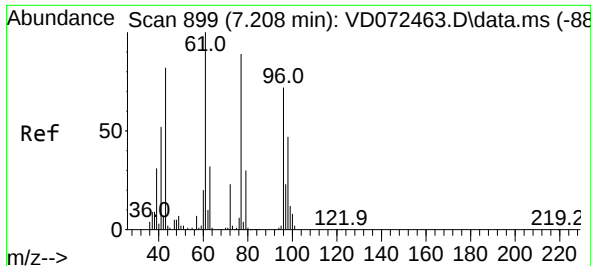
Tgt Ion: 76 Resp: 85
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 1.042 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 84 Resp: 184
Ion Ratio Lower Upper
84 100
49 0.0 112.8 169.2#
51 0.0 32.6 48.8#
86 0.0 47.9 71.9#

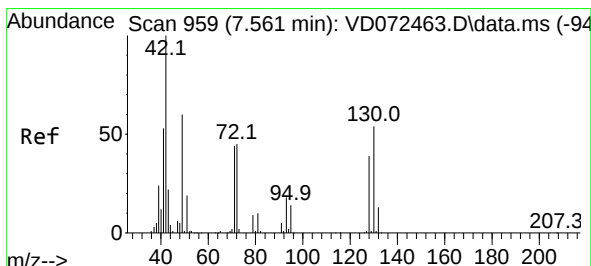
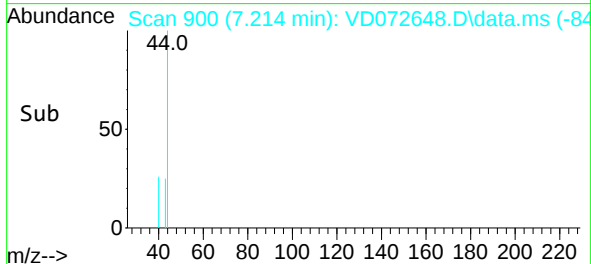
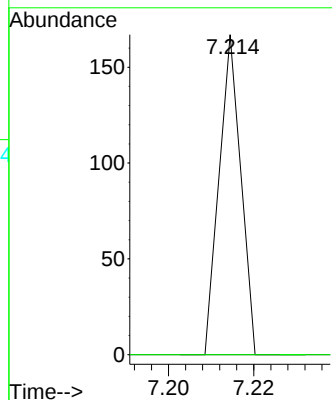
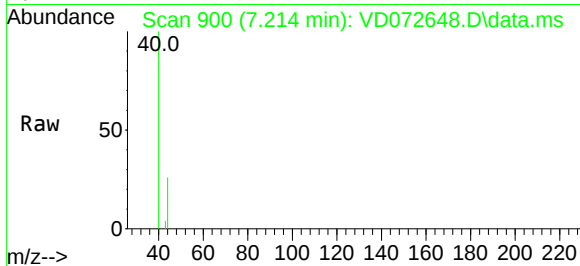




#25
2-Butanone
Concen: 1.439 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

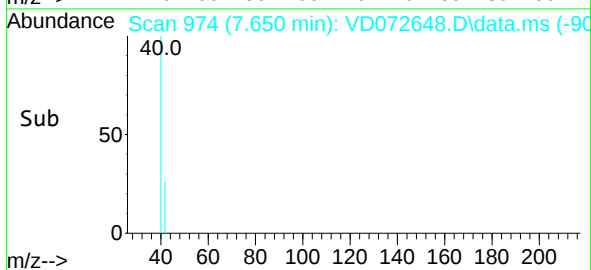
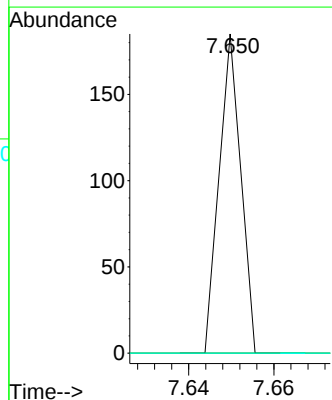
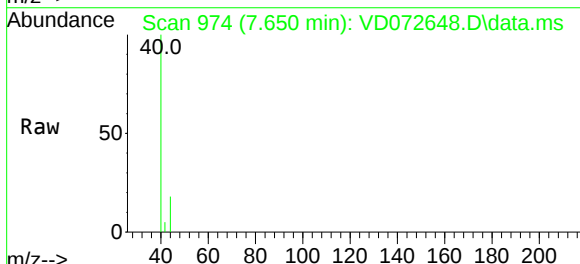
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

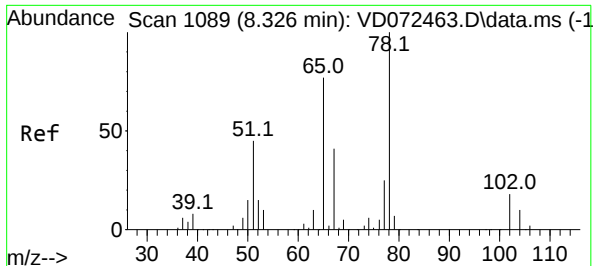
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 2.626 ug/l
RT: 7.650 min Scan# 974
Delta R.T. 0.088 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 42 Resp: 65
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#





#33

1,2-Dichloroethane-d4

Concen: 66.112 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072648.D

Acq: 20 Apr 2022 15:40

Instrument :

MSVOA_D

ClientSampleId :

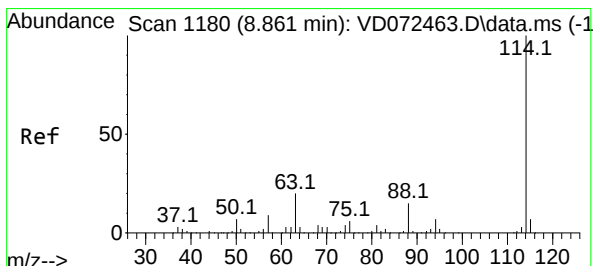
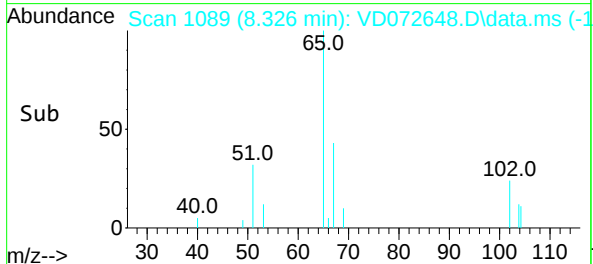
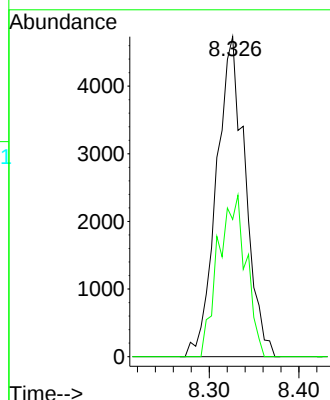
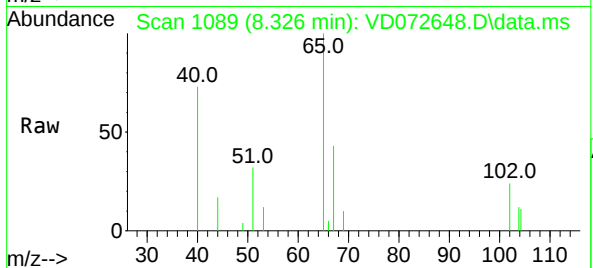
OK-03-041822RE

Tgt Ion: 65 Resp: 10512

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072648.D

Acq: 20 Apr 2022 15:40

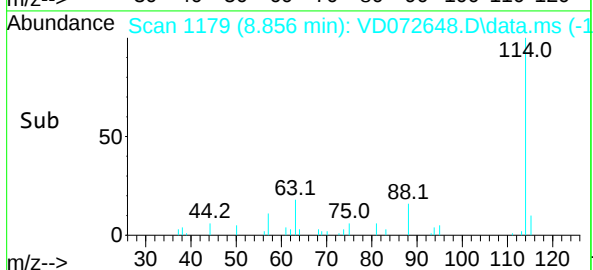
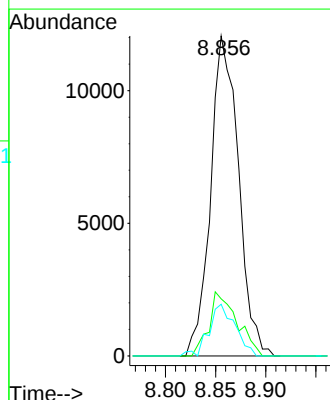
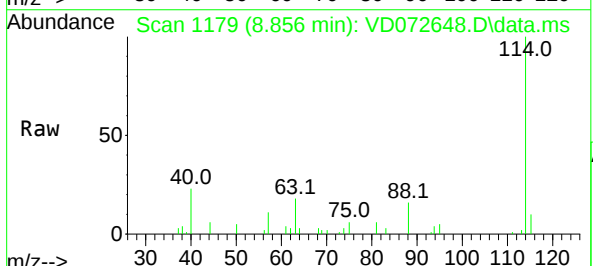
Tgt Ion: 114 Resp: 23317

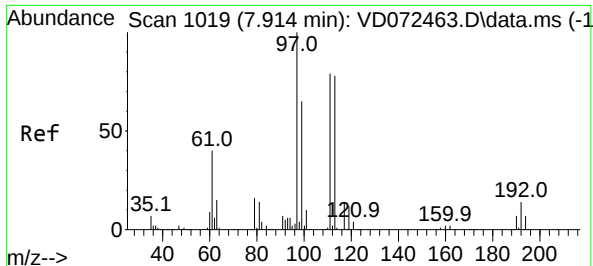
Ion Ratio Lower Upper

114 100

63 17.9 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.724 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072648.D

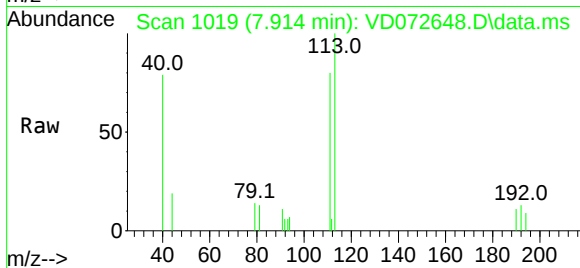
Acq: 20 Apr 2022 15:40

Instrument :

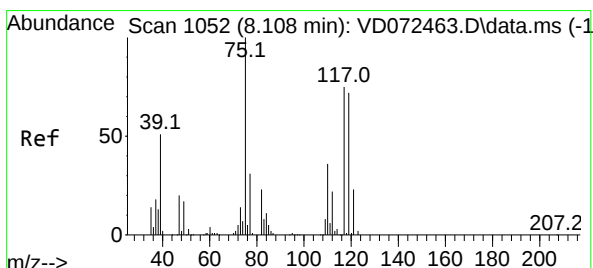
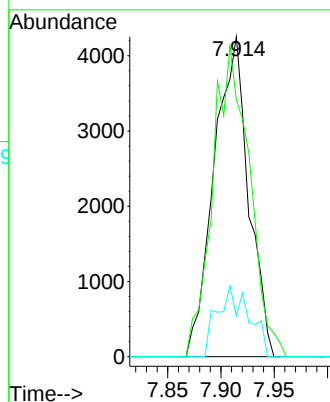
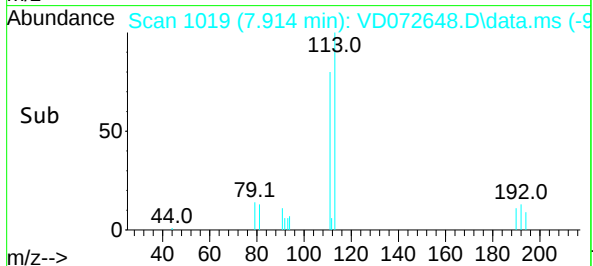
MSVOA_D

ClientSampleId :

OK-03-041822RE



Tgt Ion:	113	Resp:	9554
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.8	125.6
192	20.3	14.6	21.8



#36

1,1-Dichloropropene

Concen: 5.645 ug/l

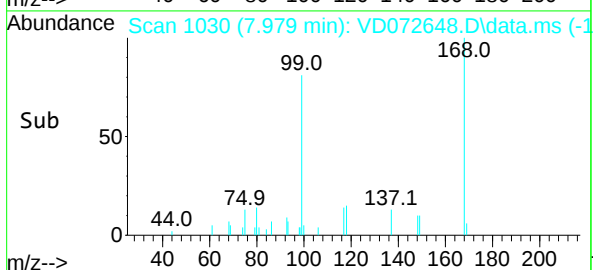
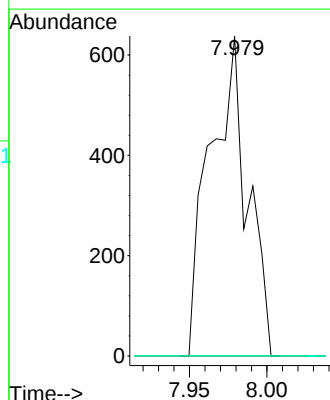
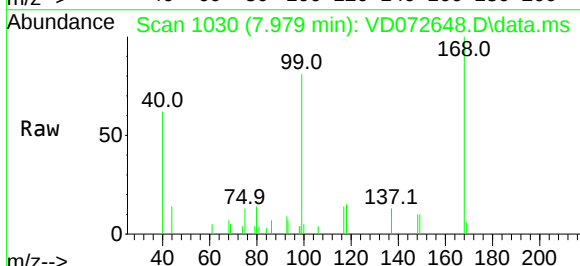
RT: 7.979 min Scan# 1030

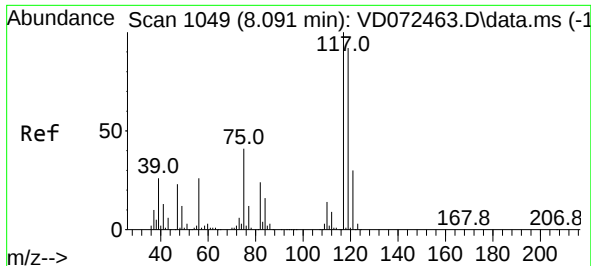
Delta R.T. -0.129 min

Lab File: VD072648.D

Acq: 20 Apr 2022 15:40

Tgt Ion:	75	Resp:	1071
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#

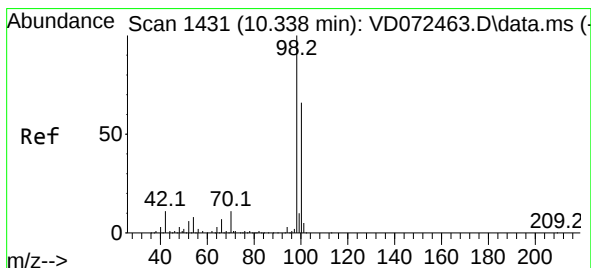
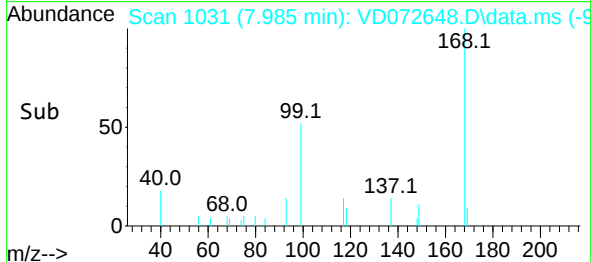
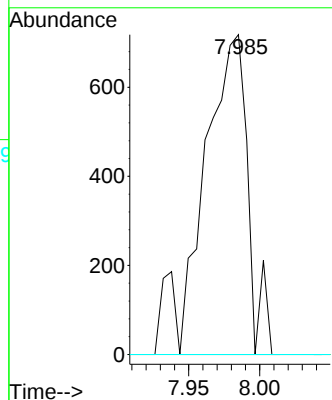
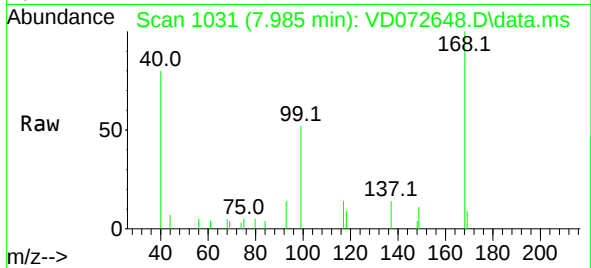




#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 7.985 min Scan# 1049
Delta R.T. -0.106 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

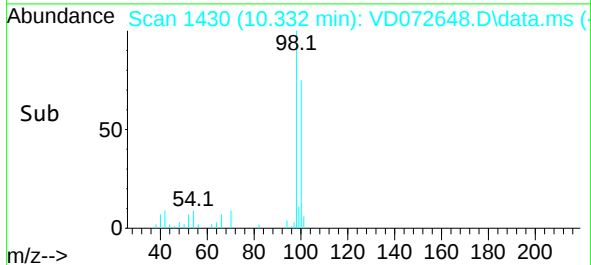
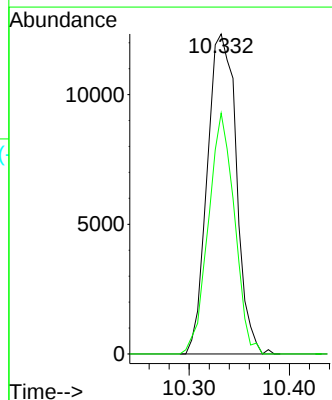
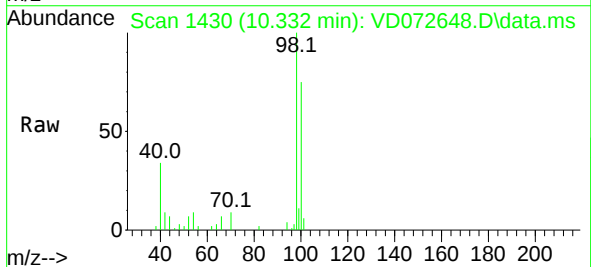
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

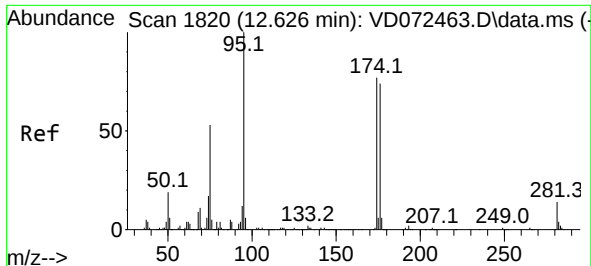
Tgt Ion:117 Resp: 1462
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 39.439 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 98 Resp: 24842
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6

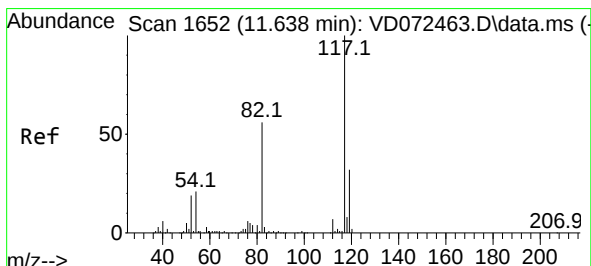
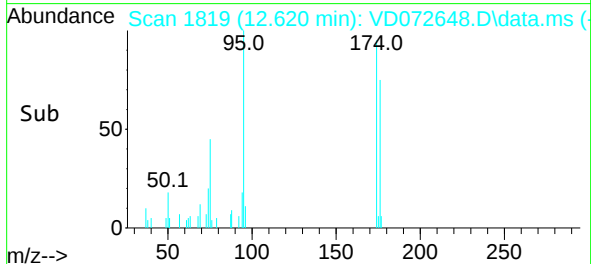
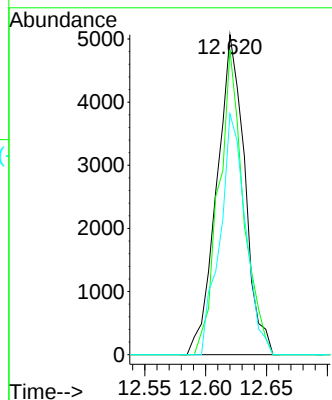
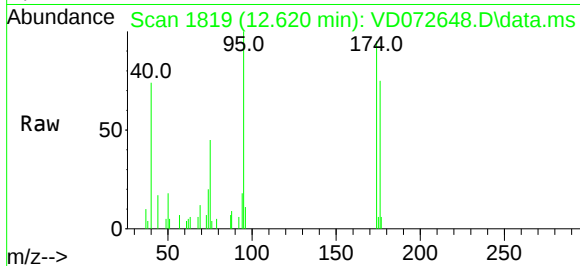




#62
4-Bromofluorobenzene
Concen: 32.789 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

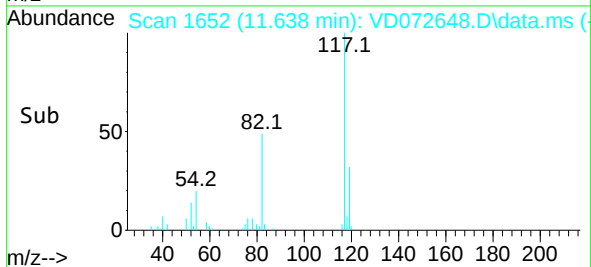
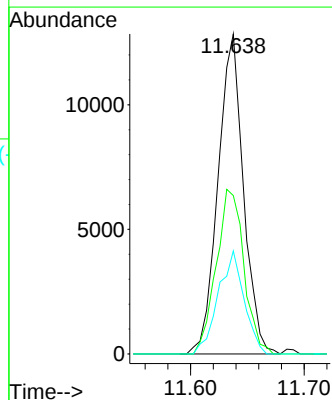
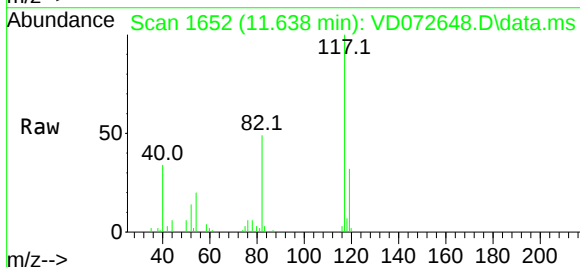
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

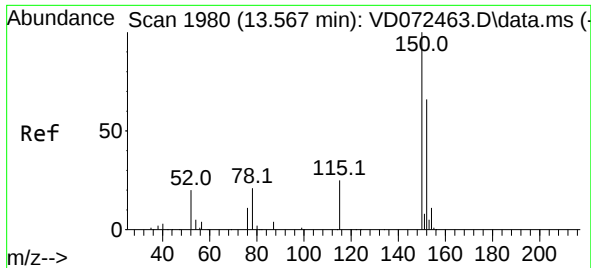
Tgt Ion:	95	Resp:	8066
Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	152.8
176	69.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion:	117	Resp:	19976
Ion	Ratio	Lower	Upper
117	100		
82	49.5	45.3	67.9
119	32.2	26.6	40.0

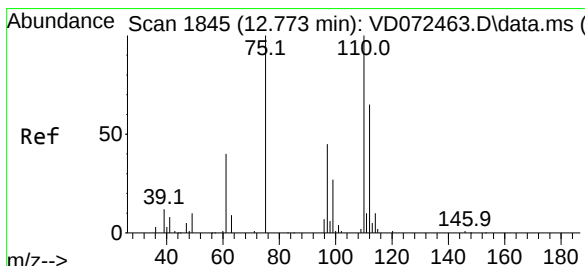
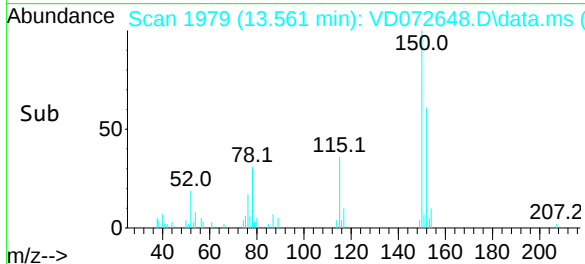
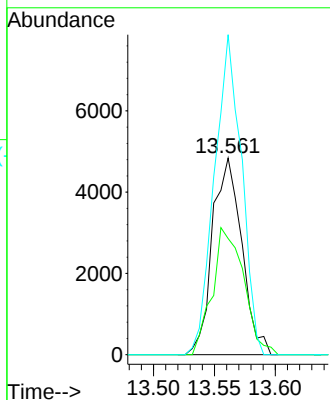
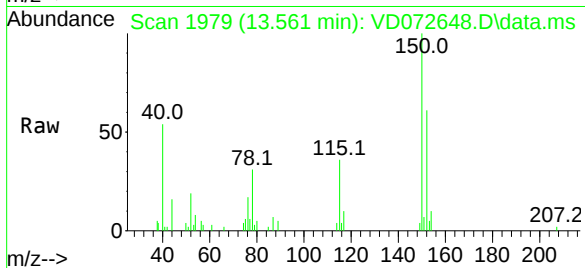




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD072648.D
 Acq: 20 Apr 2022 15:40

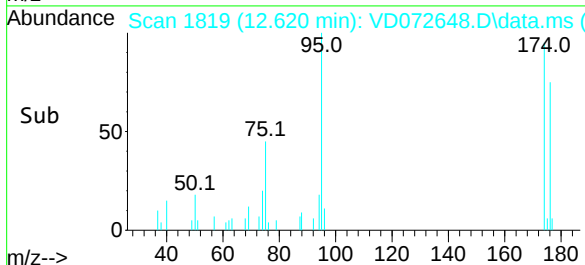
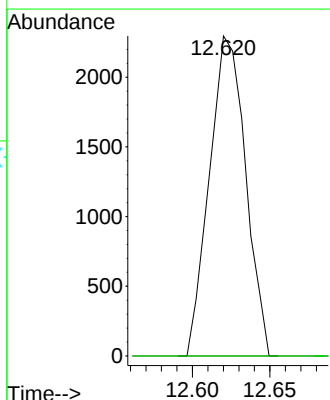
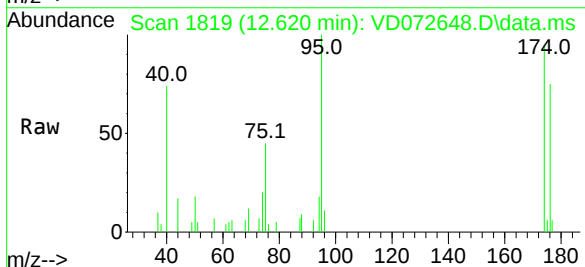
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-041822RE

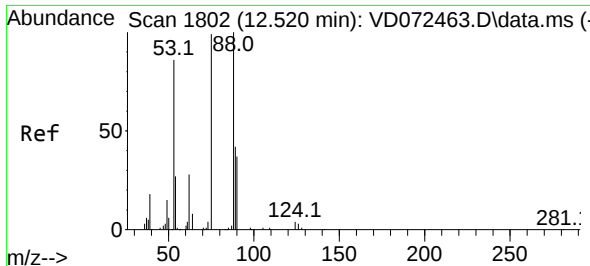
Tgt Ion:152 Resp: 8109
 Ion Ratio Lower Upper
 152 100
 115 69.0 31.3 93.8
 150 150.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 42.141 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072648.D
 Acq: 20 Apr 2022 15:40

Tgt Ion: 75 Resp: 3727
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

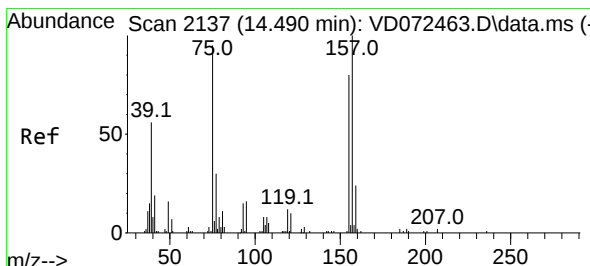
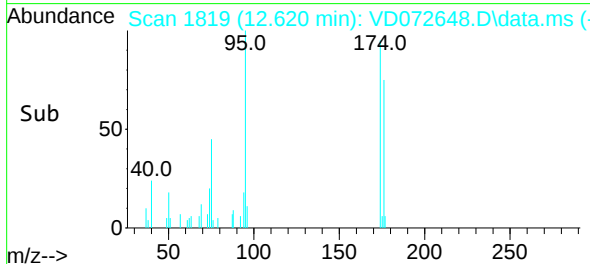
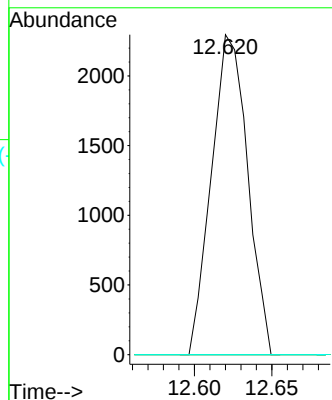
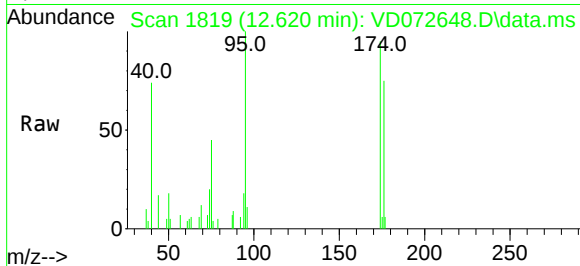




#81
trans-1,4-Dichloro-2-butene
Concen: 103.405 ug/l
RT: 12.620 min Scan# 1802
Delta R.T. 0.100 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

Tgt Ion: 75 Resp: 3727
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.598 ug/l
RT: 14.726 min Scan# 2177
Delta R.T. 0.235 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

