

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073844.D
 Acq On : 12 Jul 2022 18:00
 Operator : VA/SY
 Sample : N3649-07
 Misc : 6.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-LC

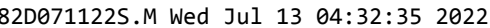
Quant Time: Jul 13 04:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

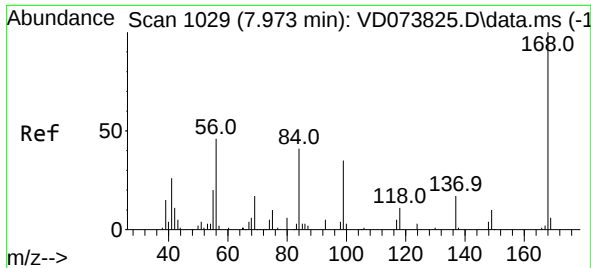
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	37683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	90157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	90027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	40922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44739	88.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.280%#	
35) Dibromofluoromethane	7.908	113	35517	59.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.100%	
50) Toluene-d8	10.332	98	117754	56.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.240%	
62) 4-Bromofluorobenzene	12.620	95	44446	50.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 100.880%	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	194	Below Cal	#	43
5) Bromomethane	2.773	94	752	Below Cal	#	65
16) Acetone	4.150	43	7826	90.503	ug/l	95
17) Carbon Disulfide	4.403	76	1602	Below Cal	#	71
18) Methyl Acetate	4.720	43	121	Below Cal	#	55
20) Methylene Chloride	4.956	84	741	Below Cal	#	59
25) 2-Butanone	7.226	43	2180	16.758	ug/l #	49
29) Tetrahydrofuran	7.556	42	670	8.647	ug/l #	65
31) Cyclohexane	7.973	56	1426	Below Cal	#	40
36) 1,1-Dichloropropene	7.973	75	4244	7.033	ug/l #	45
37) Ethyl Acetate	7.226	43	2180	5.902	ug/l #	70
38) Carbon Tetrachloride	7.973	117	5067	7.352	ug/l #	18
51) 4-Methyl-2-Pentanone	10.326	43	786	2.030	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	25721	58.100	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	25721	152.692	ug/l #	10

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

Quant Time: Jul 13 04:32:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

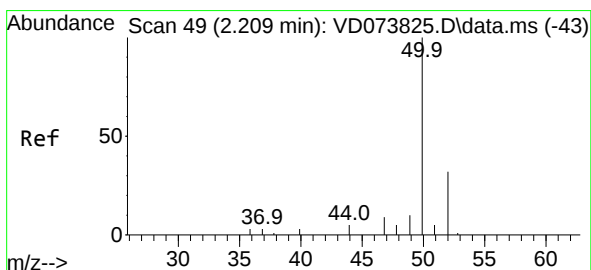
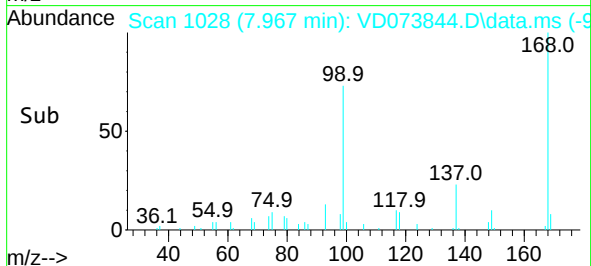
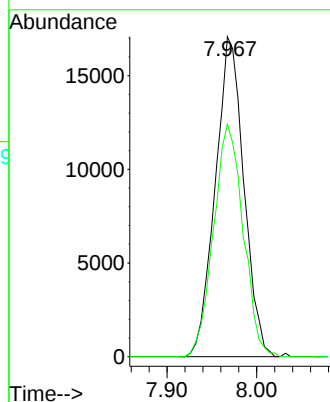
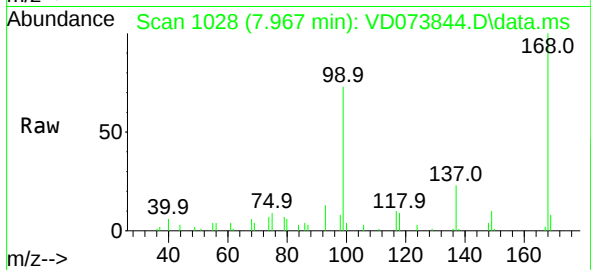




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

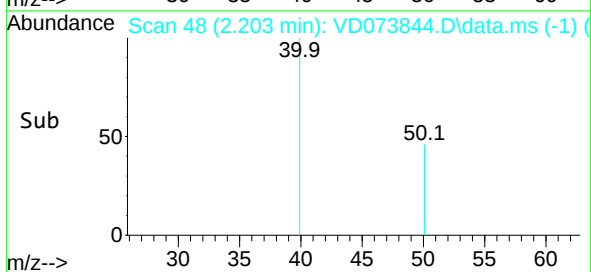
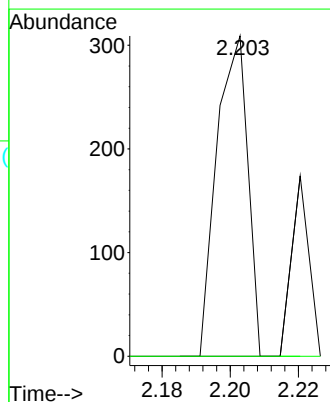
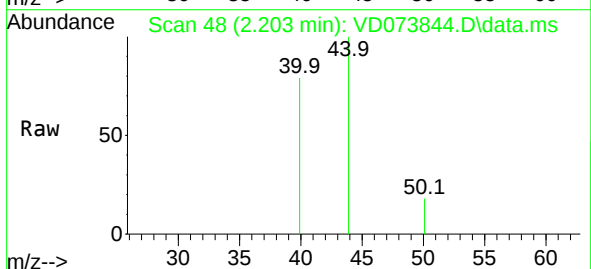
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

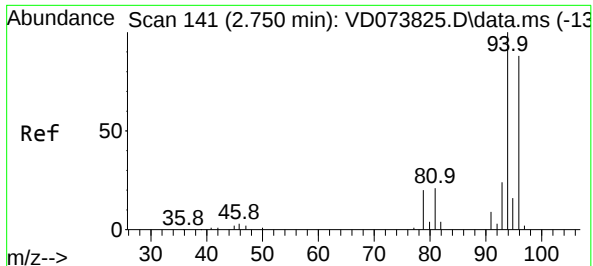
Tgt Ion:168 Resp: 37683
Ion Ratio Lower Upper
168 100
99 72.7 53.8 80.6



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

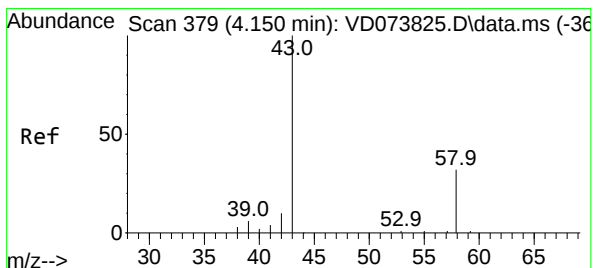
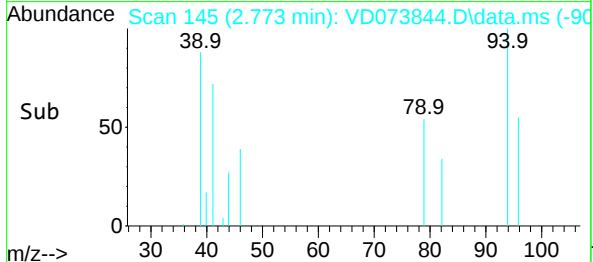
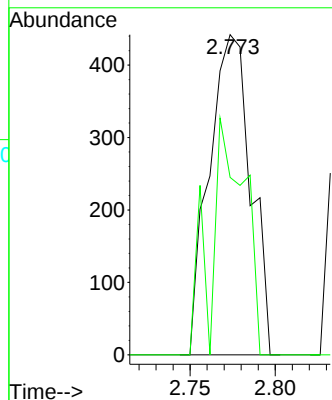
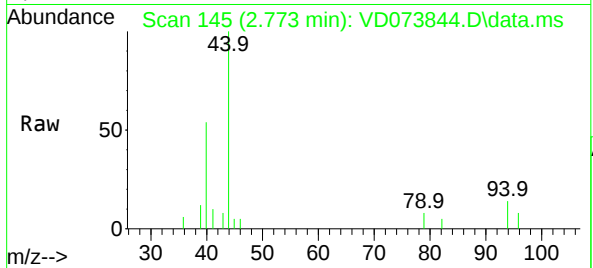




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 141
Delta R.T. 0.023 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

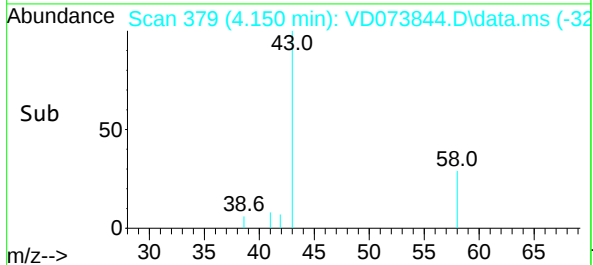
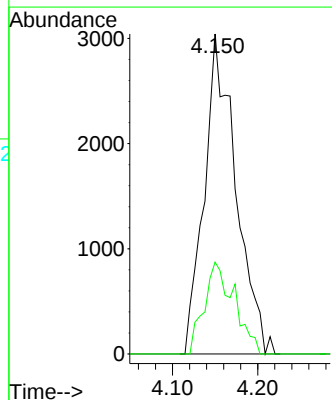
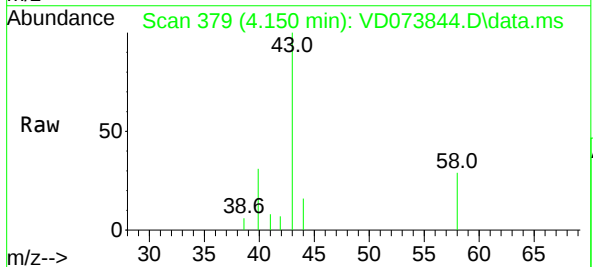
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

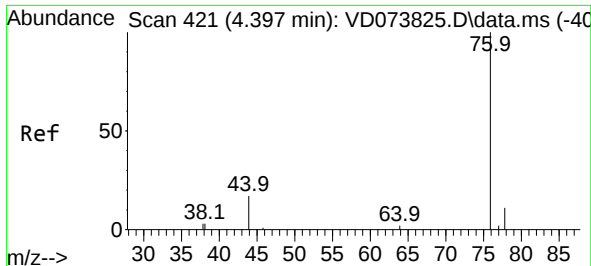
Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 55.4 70.3 105.5#



#16
Acetone
Concen: 90.503 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
58 28.7 25.2 37.8

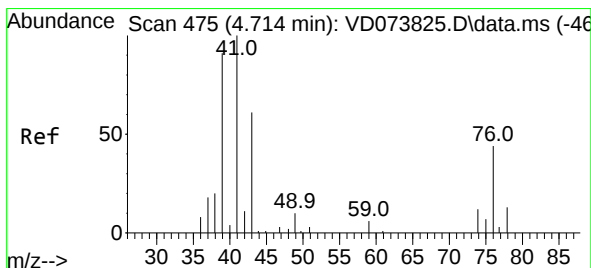
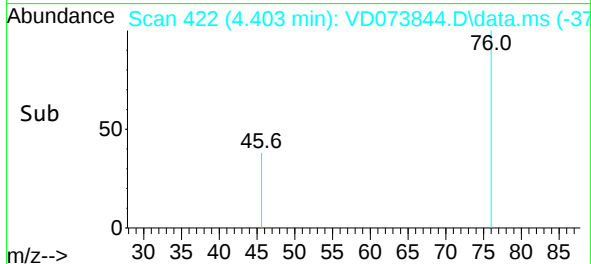
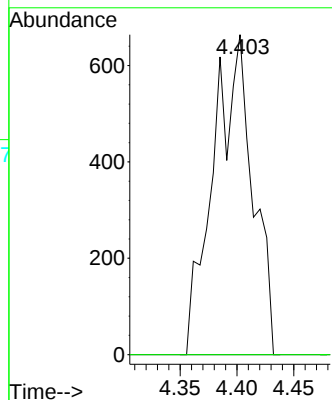
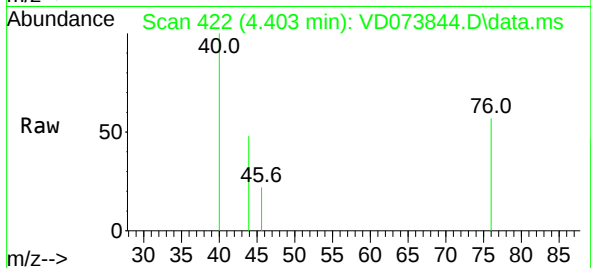




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

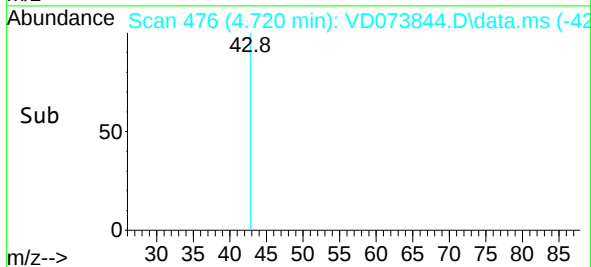
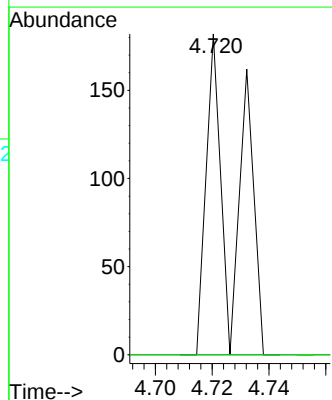
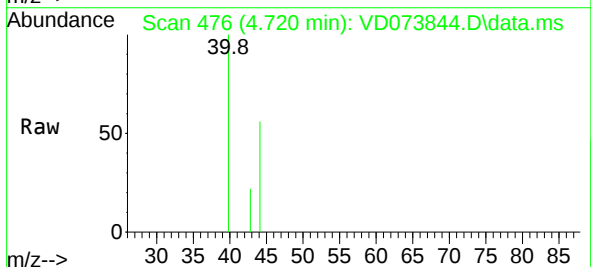
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

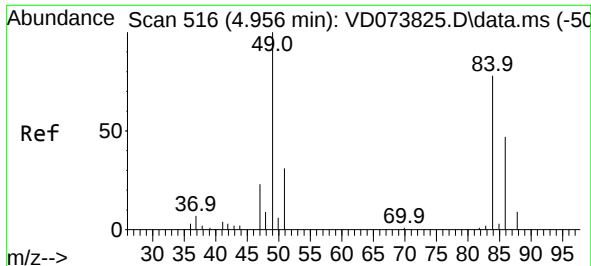
Tgt Ion: 76 Resp: 1602
Ion Ratio Lower Upper
76 100
78 0.0 8.7 13.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#

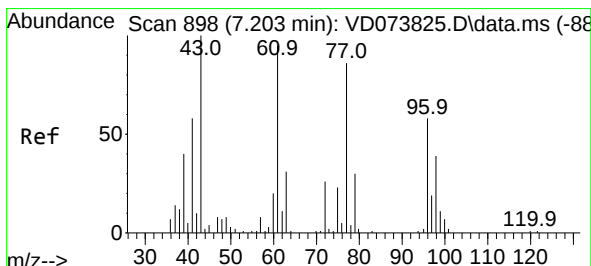
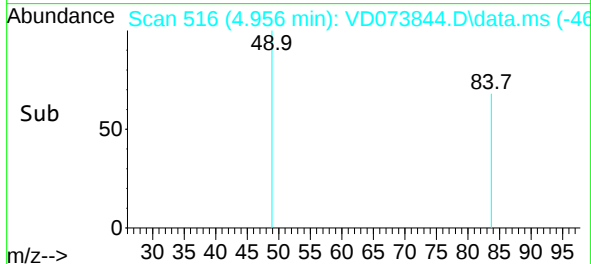
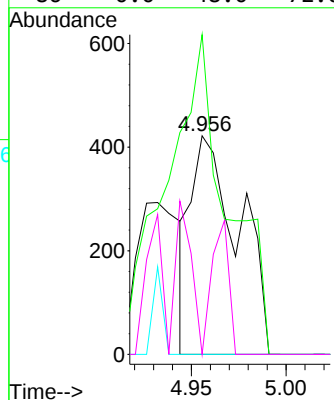
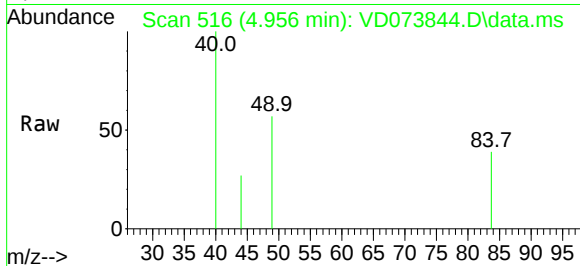




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

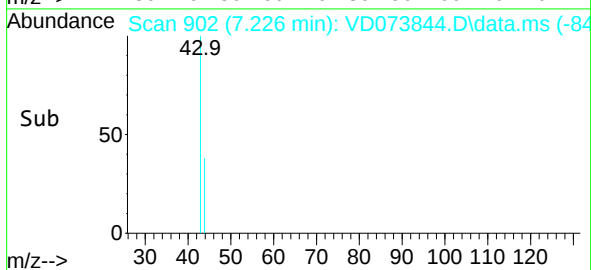
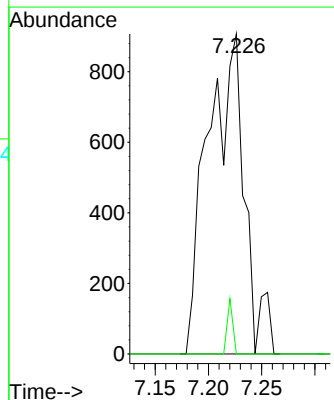
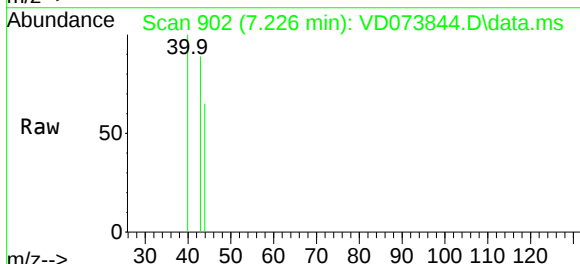
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

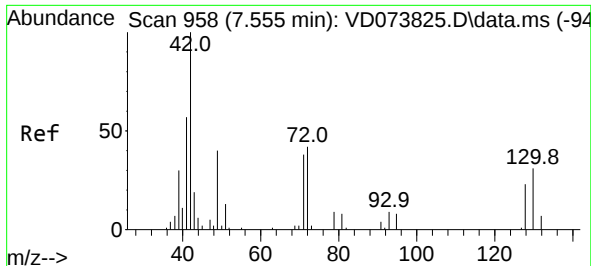
Tgt Ion:	84	Resp:	741
Ion	Ratio	Lower	Upper
84	100		
49	146.2	102.5	153.7
51	0.0	31.4	47.0#
86	0.0	48.0	72.0#



#25
2-Butanone
Concen: 16.758 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.024 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion:	43	Resp:	2180
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#





#29

Tetrahydrofuran

Concen: 8.647 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

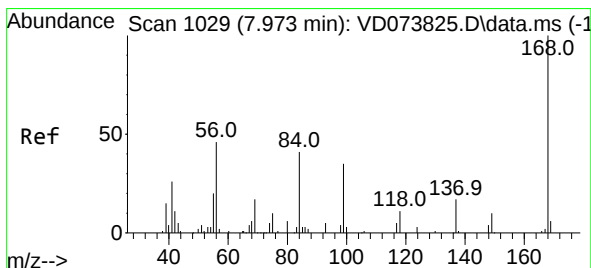
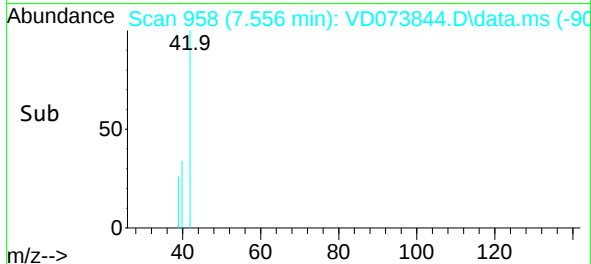
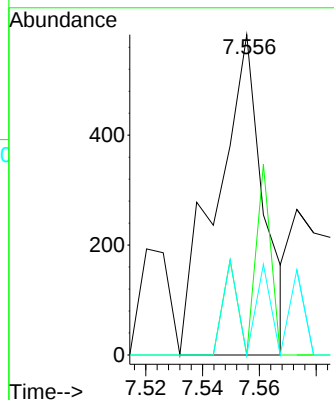
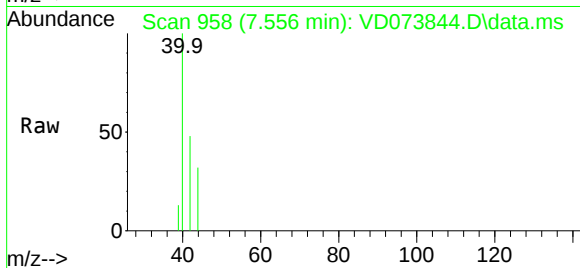
Instrument :

MSVOA_D

ClientSampleId :

A-2-LC

Tgt Ion: 42	Resp: 670
Ion Ratio	Lower Upper
42 100	
72 27.5	33.5 50.3#
71 9.1	31.0 46.6#



#31

Cyclohexane

Concen: Below Cal

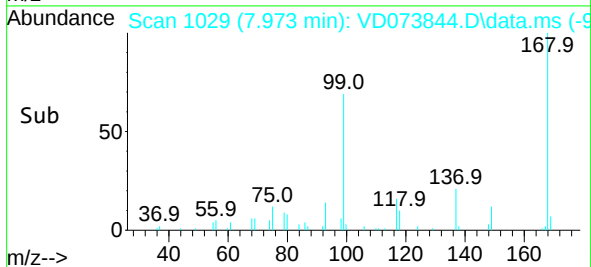
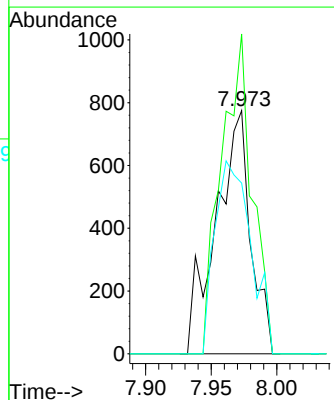
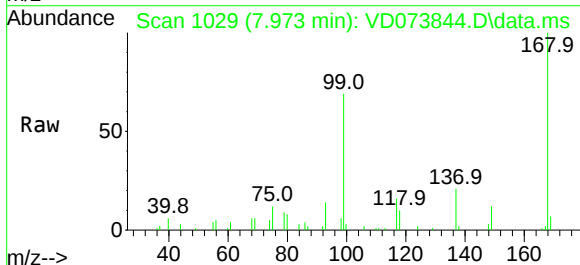
RT: 7.973 min Scan# 1029

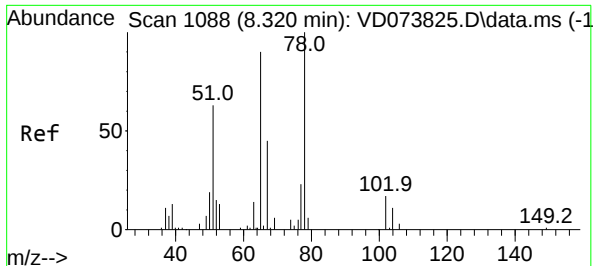
Delta R.T. 0.000 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

Tgt Ion: 56	Resp: 1426
Ion Ratio	Lower Upper
56 100	
69 131.5	29.1 43.7#
84 70.2	68.2 102.2





#33

1,2-Dichloroethane-d4

Concen: 88.638 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

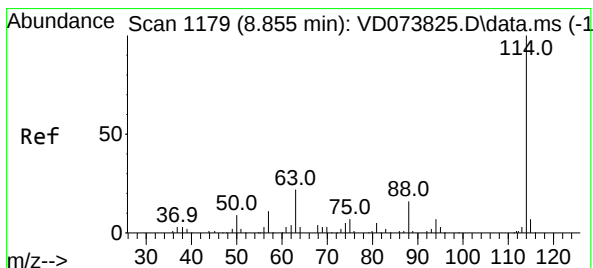
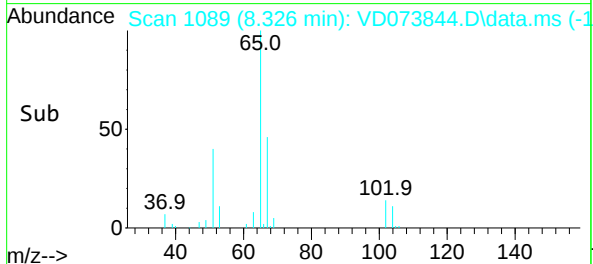
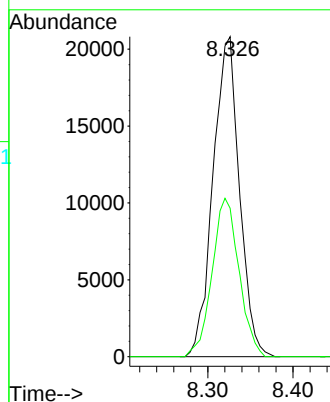
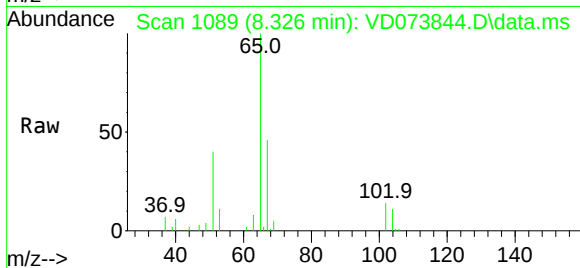
A-2-LC

Tgt Ion: 65 Resp: 44739

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

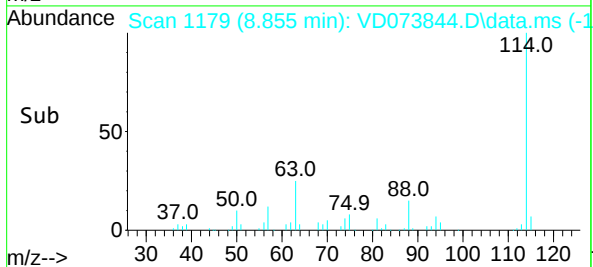
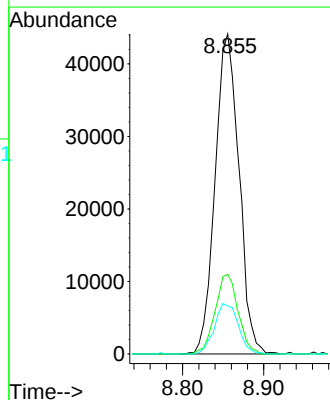
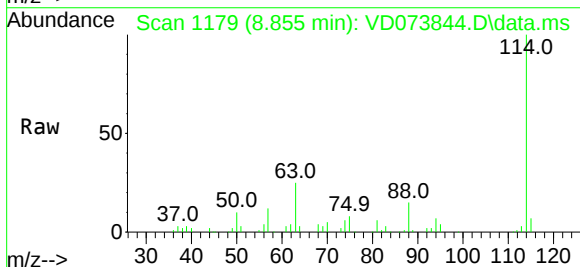
Tgt Ion: 114 Resp: 90157

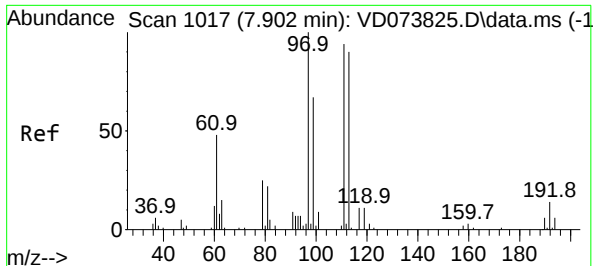
Ion Ratio Lower Upper

114 100

63 24.9 0.0 43.0

88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 59.550 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

A-2-LC

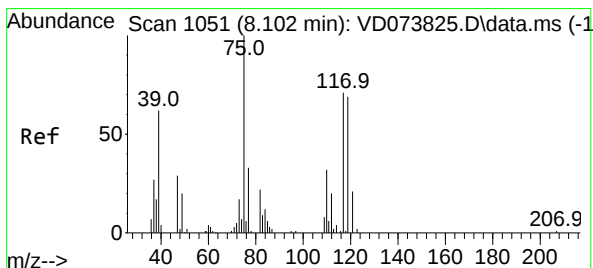
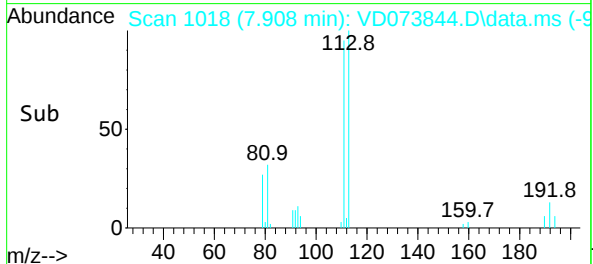
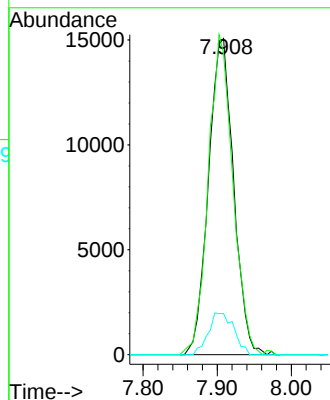
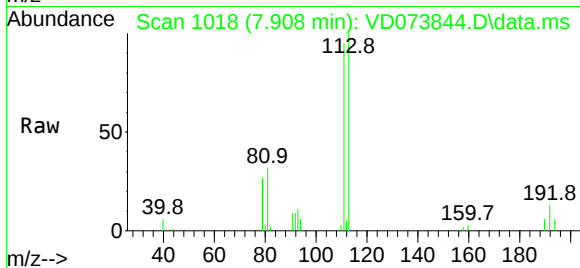
Tgt Ion:113 Resp: 35517

Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.4

192 13.4 12.3 18.5



#36

1,1-Dichloropropene

Concen: 7.033 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

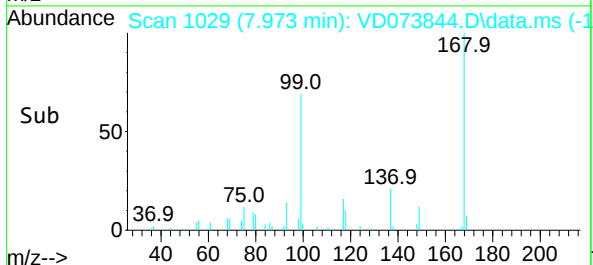
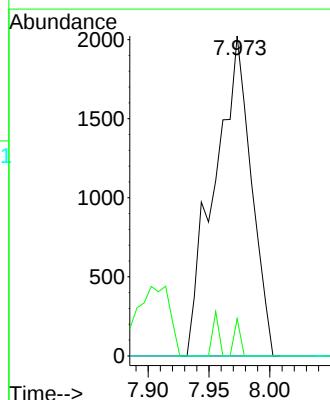
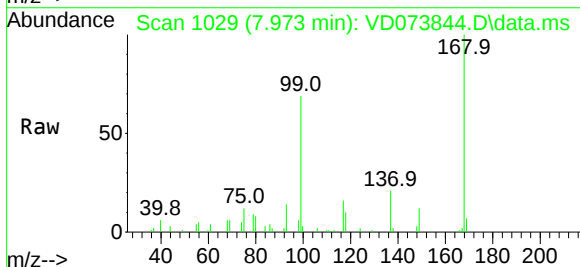
Tgt Ion: 75 Resp: 4244

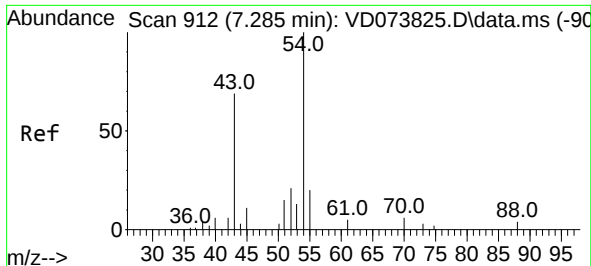
Ion Ratio Lower Upper

75 100

110 2.0 16.0 47.9#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 5.902 ug/l

RT: 7.226 min Scan# 90

Delta R.T. -0.059 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

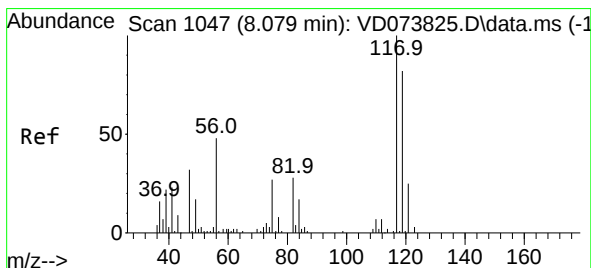
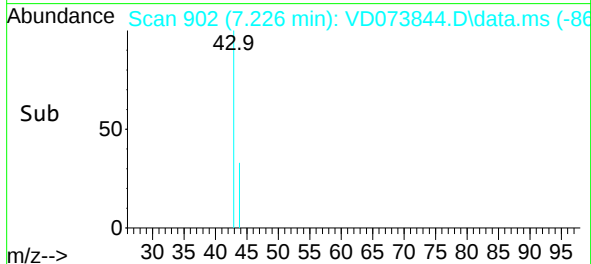
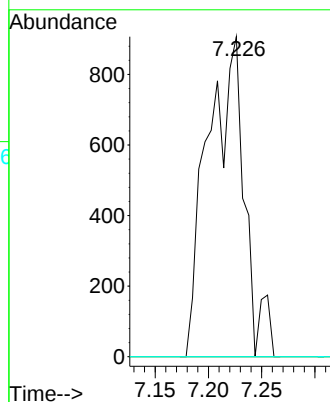
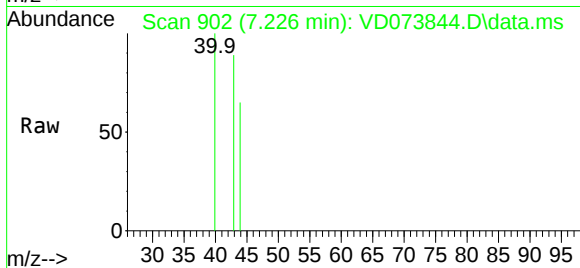
Instrument :

MSVOA_D

ClientSampleId :

A-2-LC

Tgt Ion: 43	Resp: 2180
Ion Ratio	Lower Upper
43 100	
61 0.0	10.8 16.2#
70 0.0	7.5 11.3#



#38

Carbon Tetrachloride

Concen: 7.352 ug/l

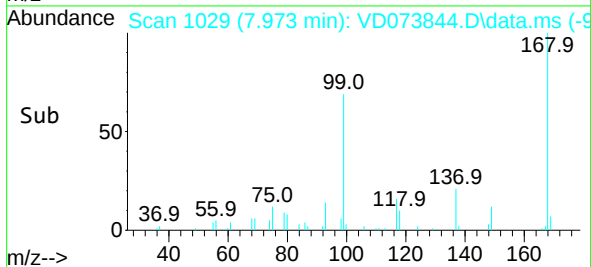
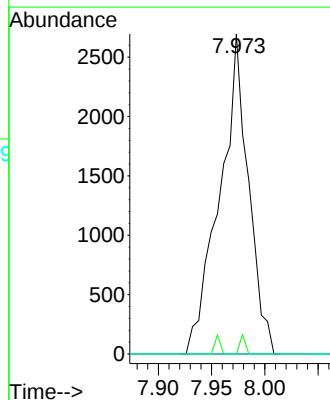
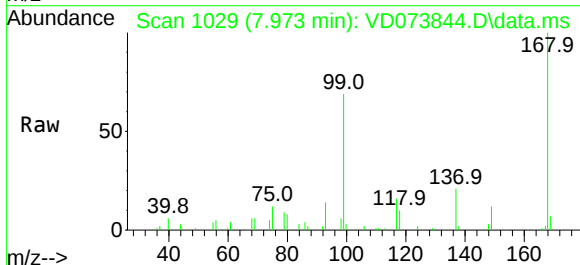
RT: 7.973 min Scan# 1029

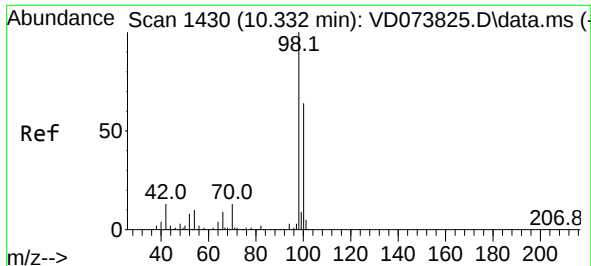
Delta R.T. -0.106 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

Tgt Ion: 117	Resp: 5067
Ion Ratio	Lower Upper
117 100	
119 0.0	65.6 98.4#
121 0.0	20.1 30.1#

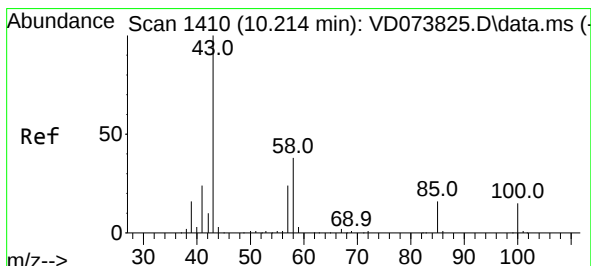
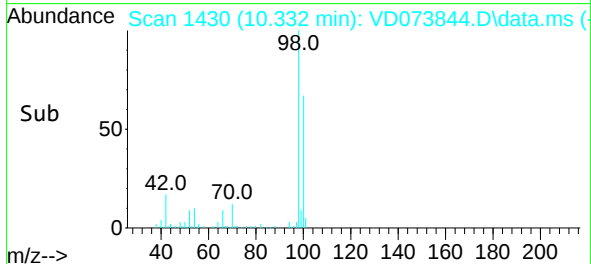
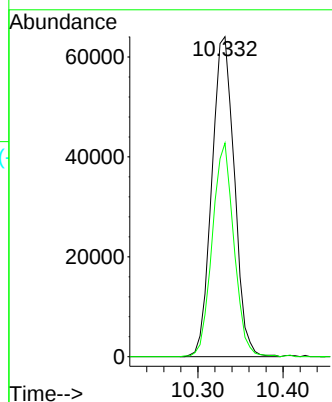
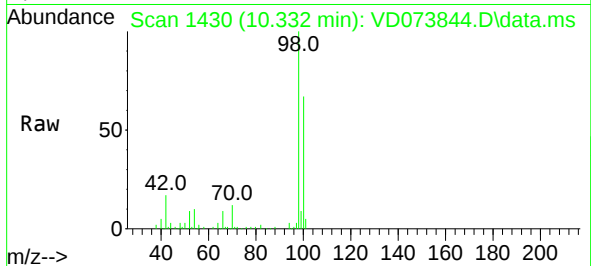




#50
Toluene-d8
Concen: 56.621 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

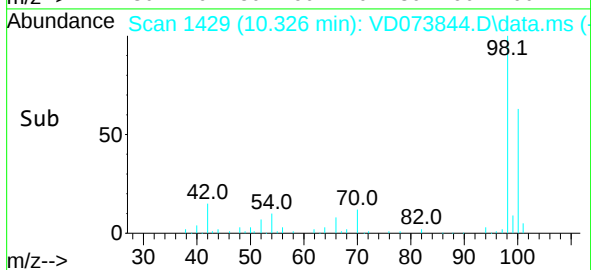
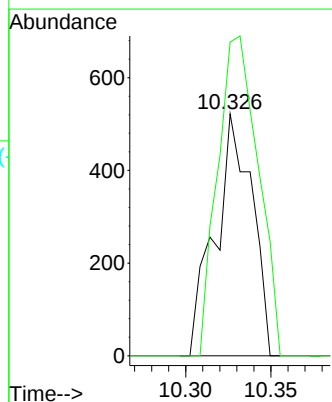
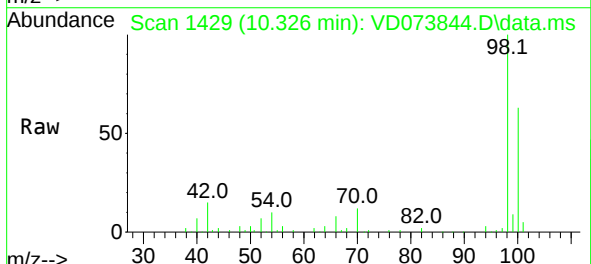
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

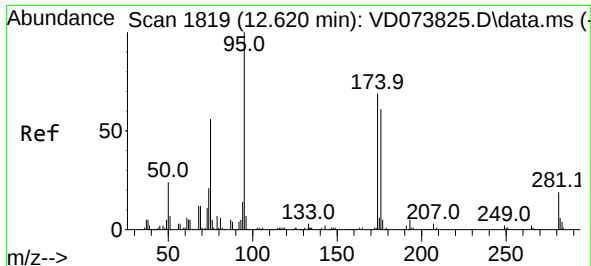
Tgt Ion: 98 Resp: 117754
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 2.030 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.112 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 145.4 29.3 43.9#

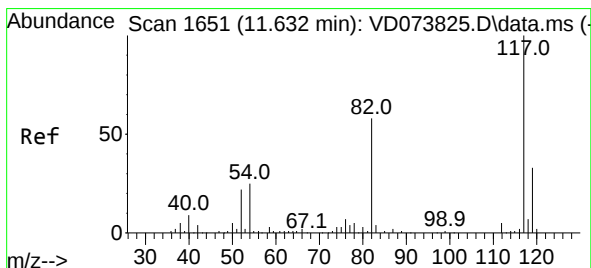
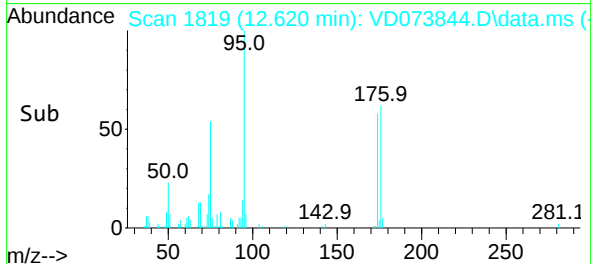
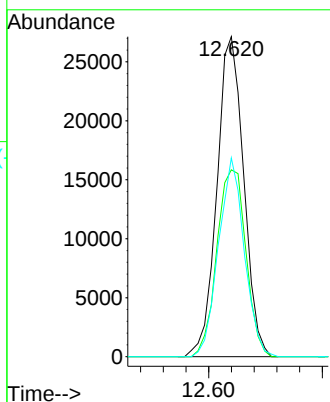
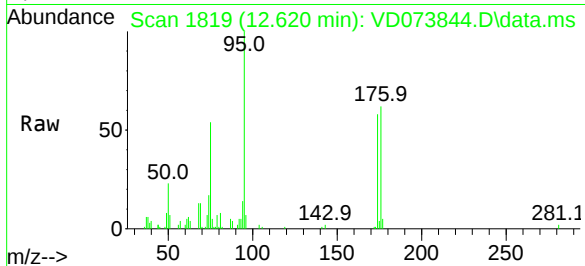




#62
4-Bromofluorobenzene
Concen: 50.438 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

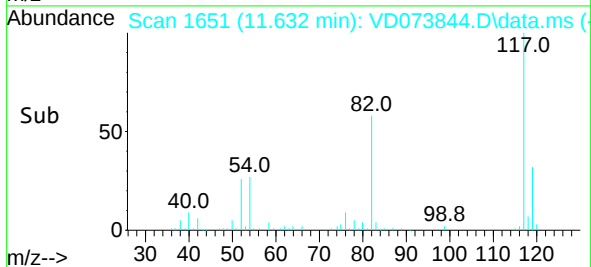
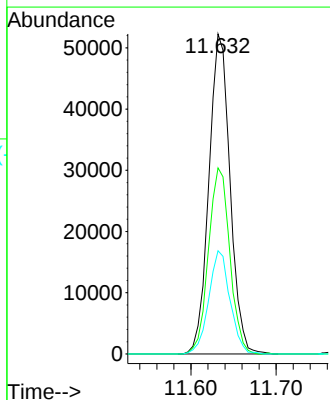
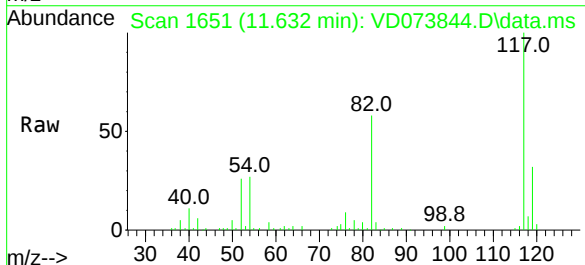
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

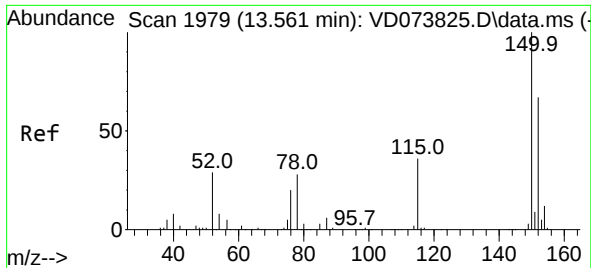
Tgt Ion: 95 Resp: 44446
Ion Ratio Lower Upper
95 100
174 63.4 0.0 131.8
176 59.8 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion: 117 Resp: 90027
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 32.2 26.1 39.1

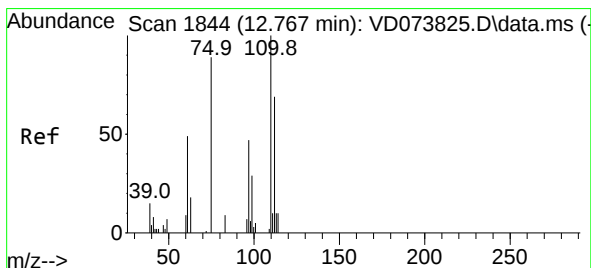
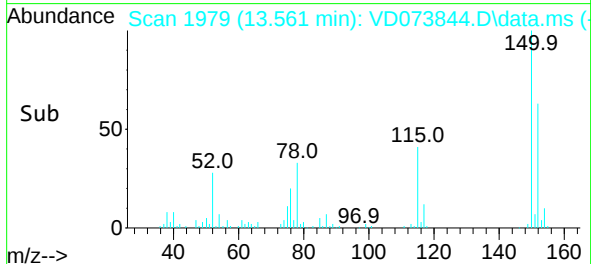
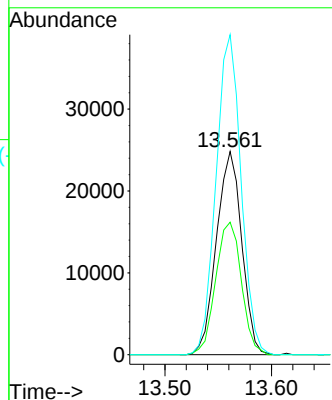
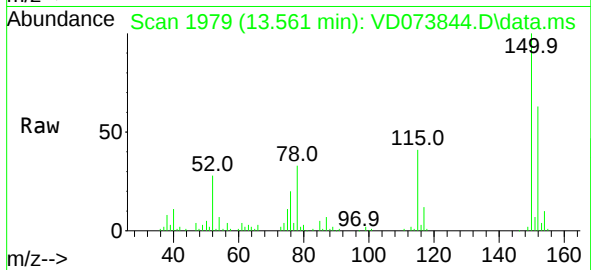




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073844.D
 Acq: 12 Jul 2022 18:00

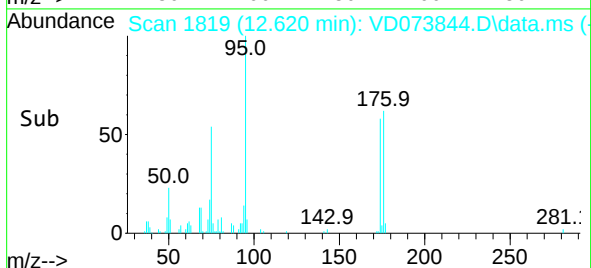
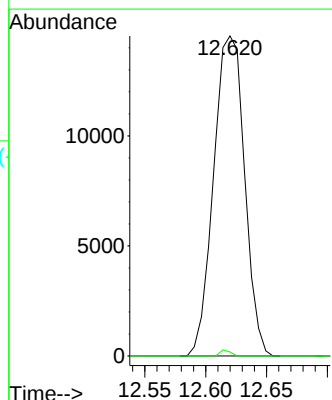
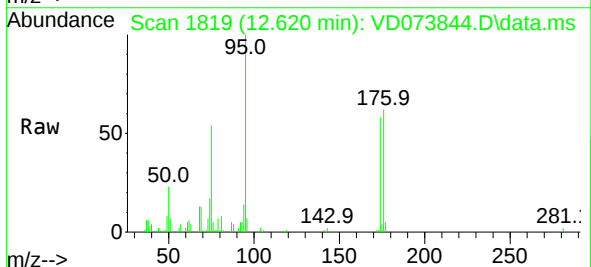
Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-LC

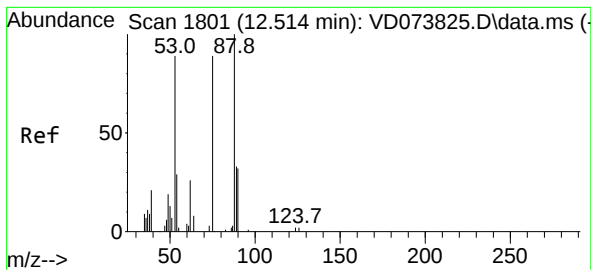
Tgt Ion:152 Resp: 40922
 Ion Ratio Lower Upper
 152 100
 115 66.3 33.5 100.5
 150 155.8 0.0 343.2



#76
 1,2,3-Trichloropropane
 Concen: 58.100 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073844.D
 Acq: 12 Jul 2022 18:00

Tgt Ion: 75 Resp: 25721
 Ion Ratio Lower Upper
 75 100
 77 0.6 138.0 414.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.692 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073844.D
 Acq: 12 Jul 2022 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-LC

Tgt Ion: 75 Resp: 25721
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.3 118.9#
 89 0.0 34.8 52.2#

