

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073837.D
 Acq On : 12 Jul 2022 14:28
 Operator : VA/SY
 Sample : N3649-02
 Misc : 4.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-3-UC

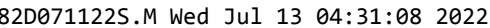
Quant Time: Jul 13 04:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

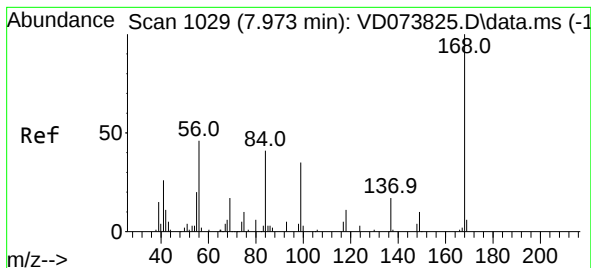
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	83678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	194597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	183075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	77120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	76383	68.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.300%
35) Dibromofluoromethane	7.908	113	69591	54.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.120%
50) Toluene-d8	10.332	98	252608	56.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.540%
62) 4-Bromofluorobenzene	12.620	95	90393	47.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	95.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	380	Below Cal	#	43
5) Bromomethane	2.779	94	354	Below Cal	#	65
16) Acetone	4.161	43	7541	39.272	ug/l	96
17) Carbon Disulfide	4.397	76	4106	Below Cal	#	71
18) Methyl Acetate	4.873	43	63	Below Cal	#	55
20) Methylene Chloride	4.950	84	2449	Below Cal	#	90
25) 2-Butanone	7.202	43	2606	9.021	ug/l #	49
29) Tetrahydrofuran	7.555	42	1293	7.515	ug/l #	73
31) Cyclohexane	7.967	56	2707	Below Cal	#	33
36) 1,1-Dichloropropene	7.973	75	9476	7.275	ug/l #	46
37) Ethyl Acetate	7.202	43	2606	3.269	ug/l #	70
38) Carbon Tetrachloride	7.973	117	10394	6.987	ug/l #	22
41) Methacrylonitrile	7.550	41	776	1.486	ug/l #	48
71) Bromoform	12.620	173	1073	1.721	ug/l #	30
76) 1,2,3-Trichloropropane	12.620	75	51833	62.127	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	51833	163.277	ug/l #	10

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

Quant Time: Jul 13 04:31:00 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

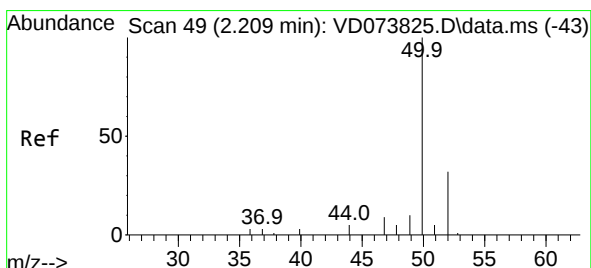
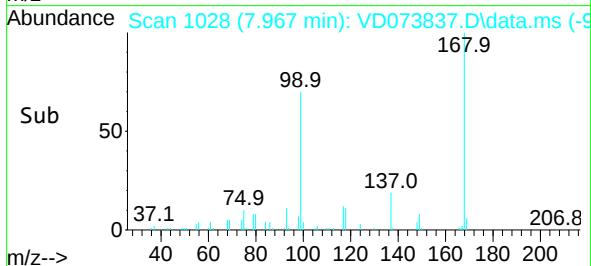
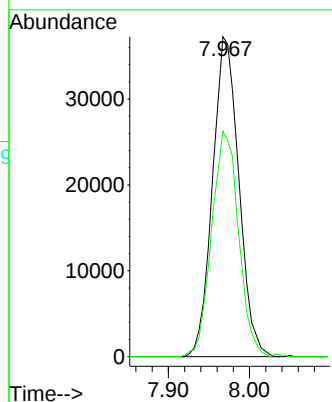
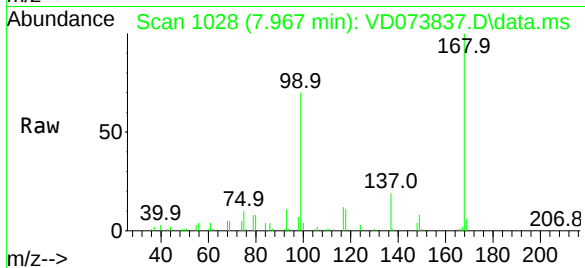




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

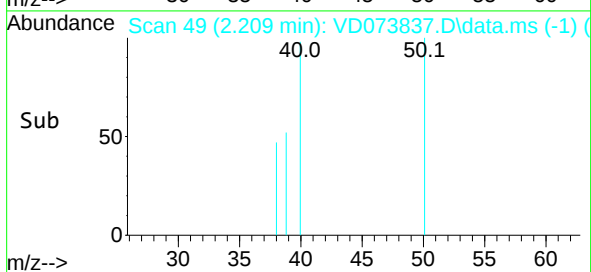
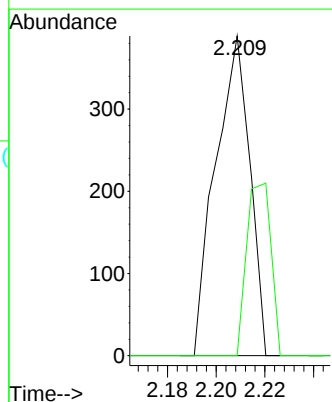
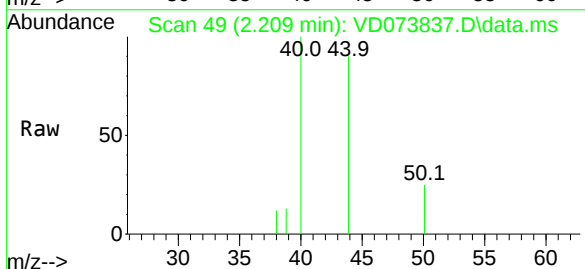
Instrument :
MSVOA_D
ClientSampleId :
A-3-UC

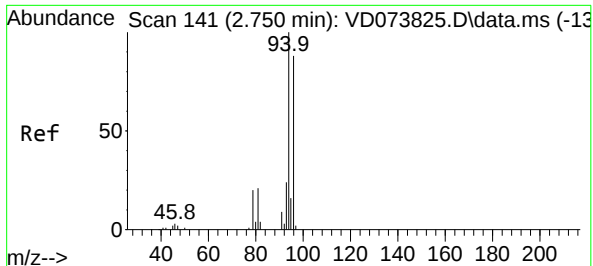
Tgt Ion:168 Resp: 83678
Ion Ratio Lower Upper
168 100
99 70.5 53.8 80.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

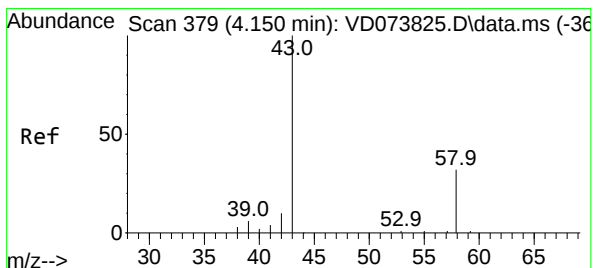
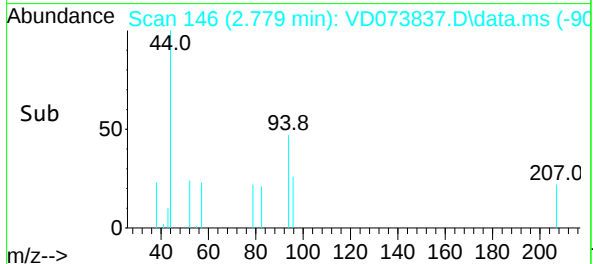
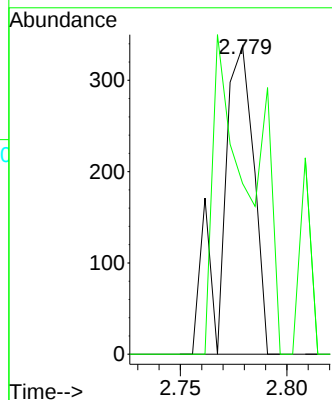
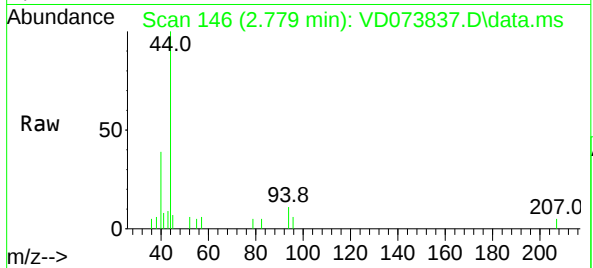




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 141
Delta R.T. 0.029 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

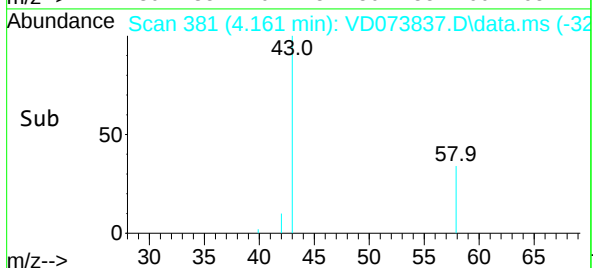
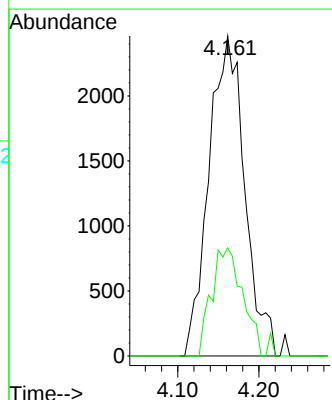
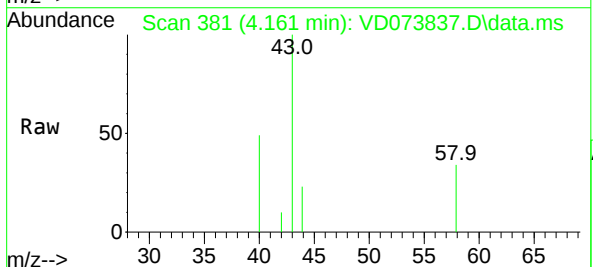
Instrument :
MSVOA_D
ClientSampleId :
A-3-UC

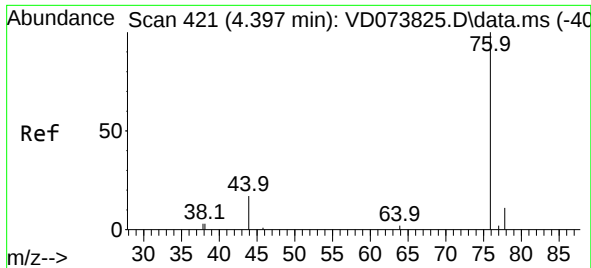
Tgt Ion: 94 Resp: 354
Ion Ratio Lower Upper
94 100
96 55.5 70.3 105.5#



#16
Acetone
Concen: 39.272 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

Tgt Ion: 43 Resp: 7541
Ion Ratio Lower Upper
43 100
58 33.8 25.2 37.8

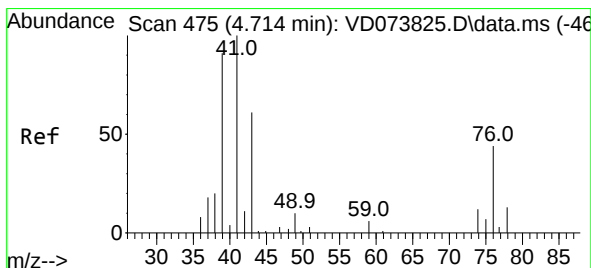
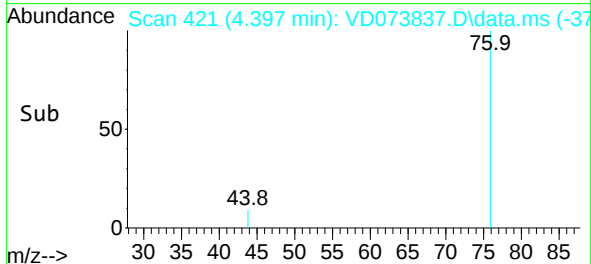
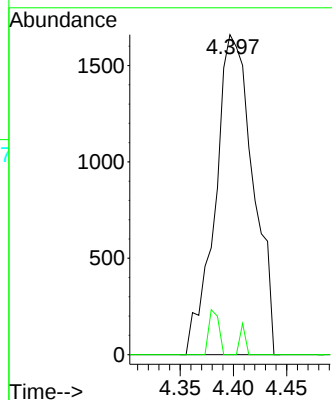
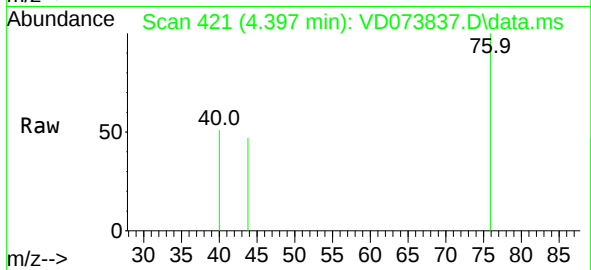




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

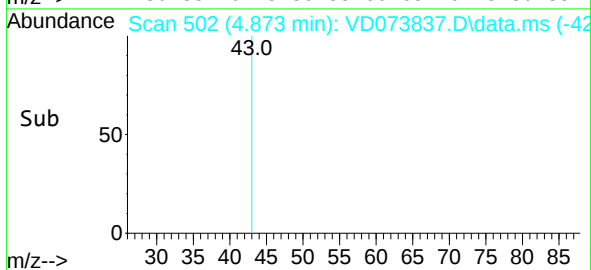
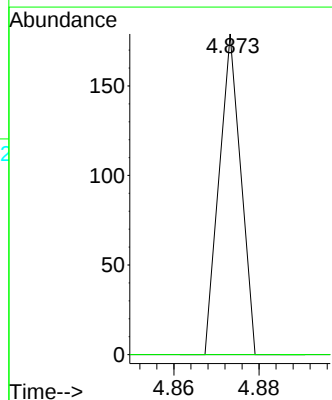
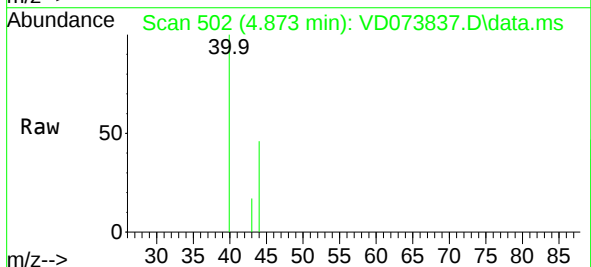
Instrument :
MSVOA_D
ClientSampleId :
A-3-UC

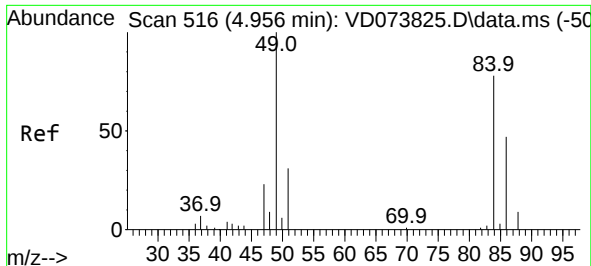
Tgt Ion: 76 Resp: 4106
Ion Ratio Lower Upper
76 100
78 0.0 8.7 13.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.873 min Scan# 502
Delta R.T. 0.159 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.950 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

A-3-UC

Tgt Ion: 84 Resp: 2449

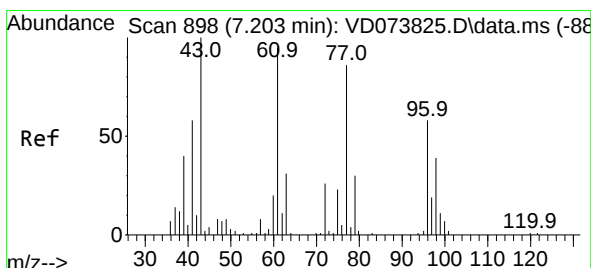
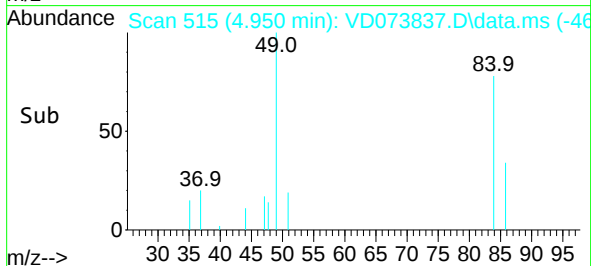
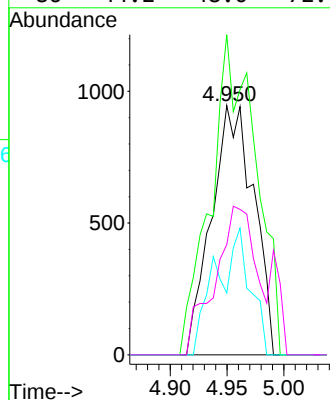
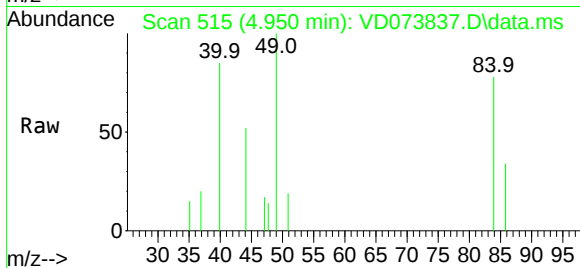
Ion Ratio Lower Upper

84 100

49 128.4 102.5 153.7

51 24.8 31.4 47.0#

86 44.2 48.0 72.0#



#25

2-Butanone

Concen: 9.021 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073837.D

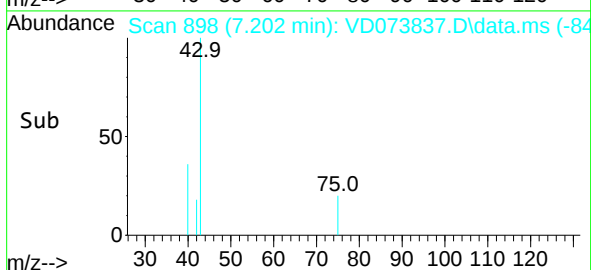
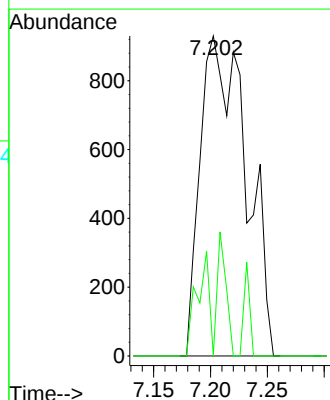
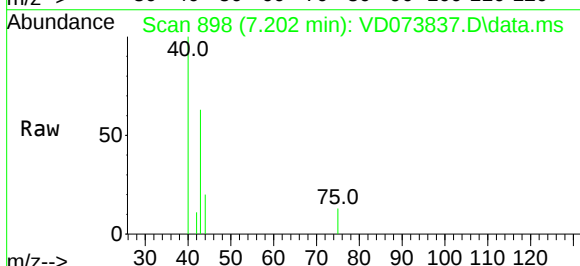
Acq: 12 Jul 2022 14:28

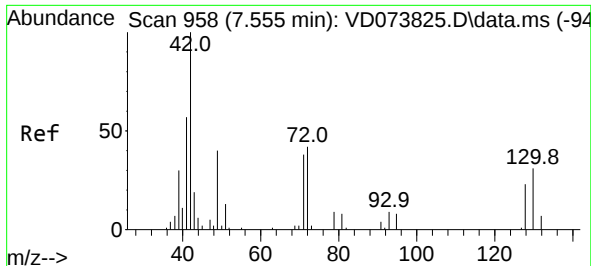
Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#





#29

Tetrahydrofuran

Concen: 7.515 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

A-3-UC

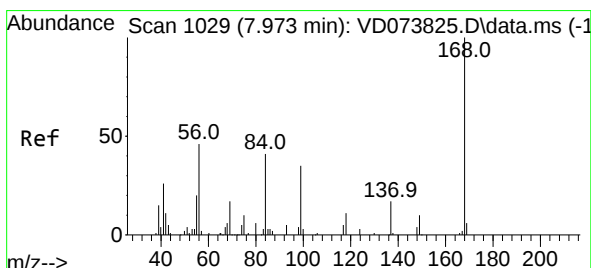
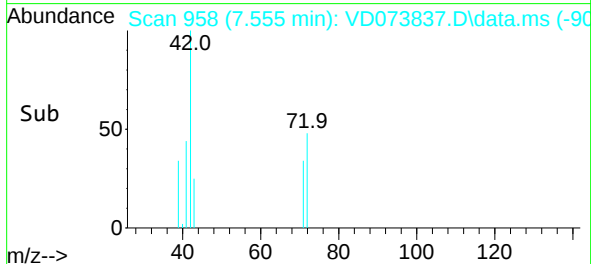
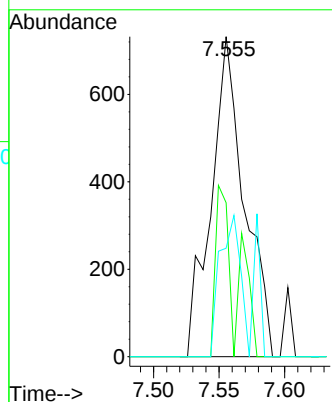
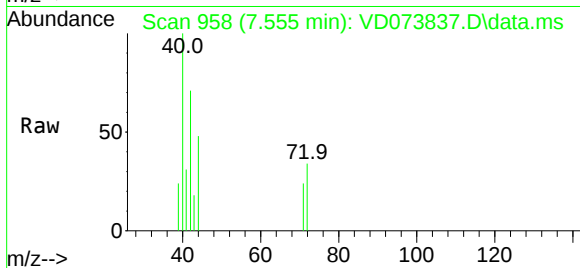
Tgt Ion: 42 Resp: 1293

Ion Ratio Lower Upper

42 100

72 20.3 33.5 50.3#

71 27.1 31.0 46.6#



#31

Cyclohexane

Concen: Below Cal

RT: 7.967 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

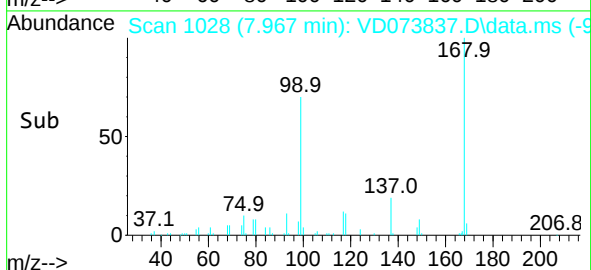
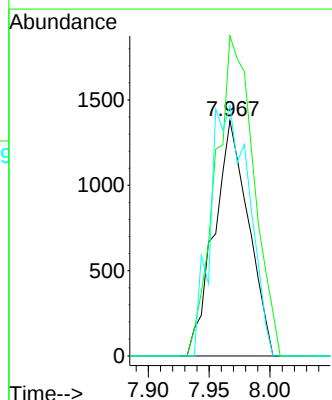
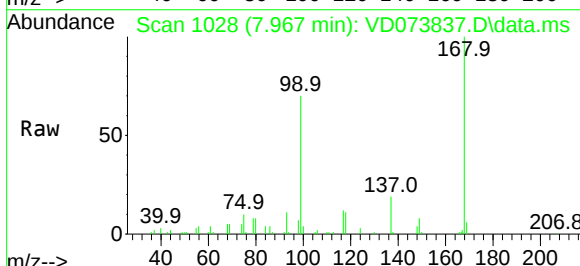
Tgt Ion: 56 Resp: 2707

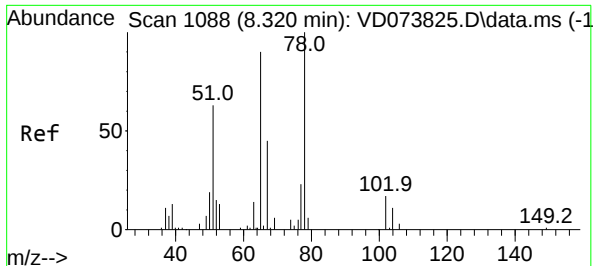
Ion Ratio Lower Upper

56 100

69 136.1 29.1 43.7#

84 106.5 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 68.150 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

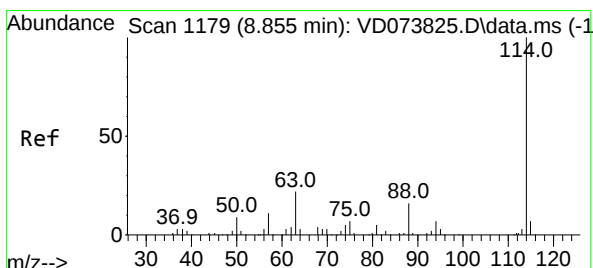
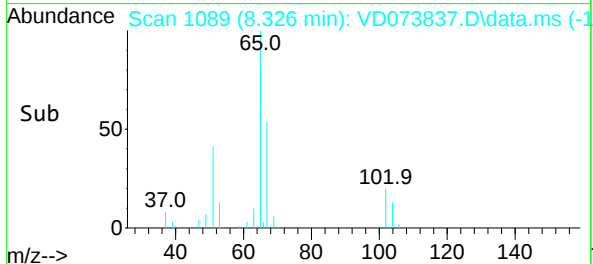
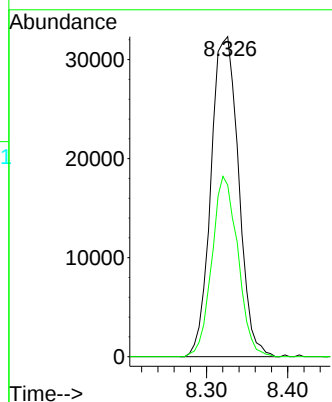
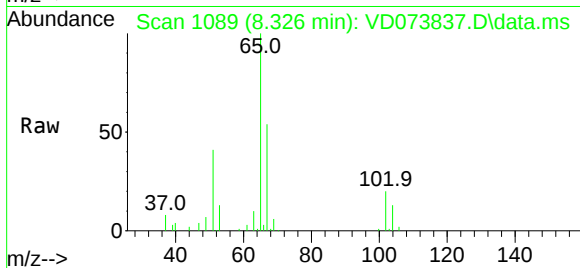
A-3-UC

Tgt Ion: 65 Resp: 76383

Ion Ratio Lower Upper

65 100

67 53.1 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: VD073837.D

Acq: 12 Jul 2022 14:28

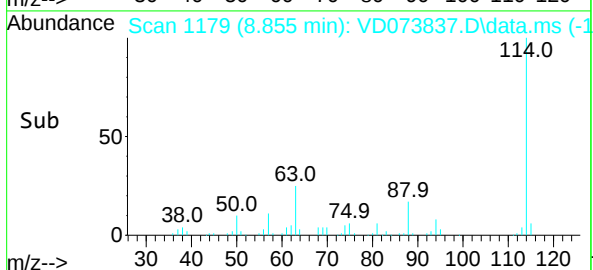
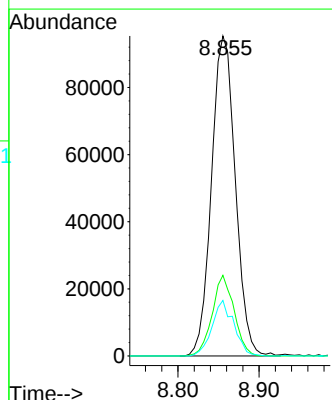
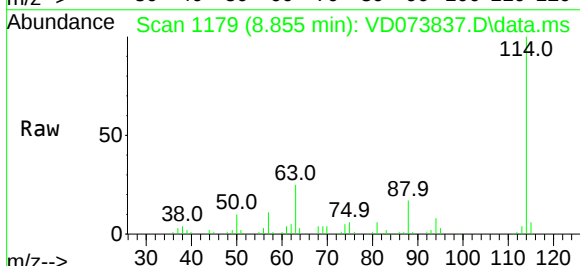
Tgt Ion: 114 Resp: 194597

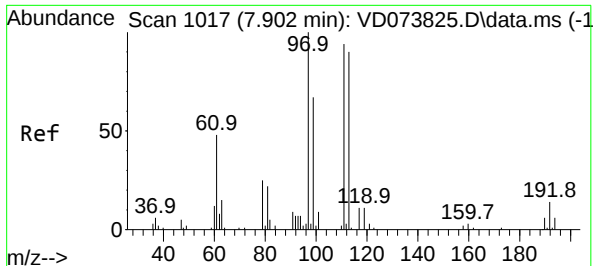
Ion Ratio Lower Upper

114 100

63 25.2 0.0 43.0

88 17.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.058 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

A-3-UC

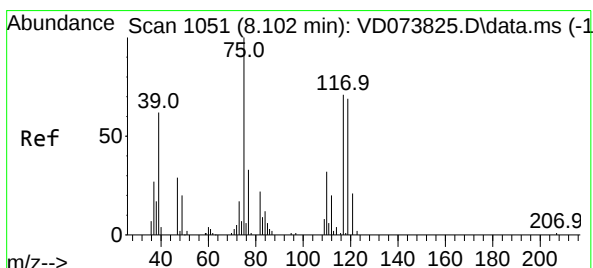
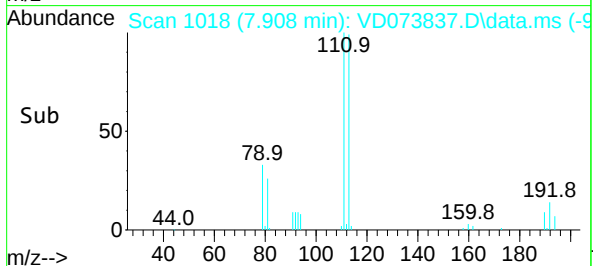
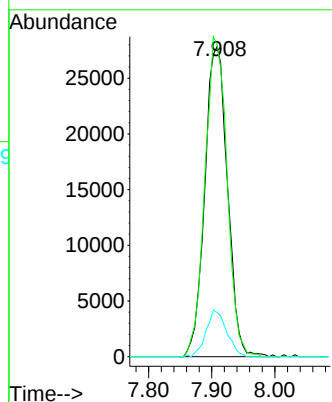
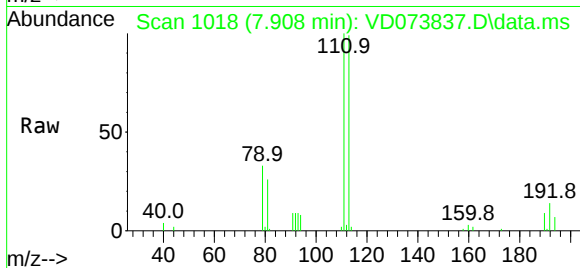
Tgt Ion:113 Resp: 69591

Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 13.7 12.3 18.5



#36

1,1-Dichloropropene

Concen: 7.275 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

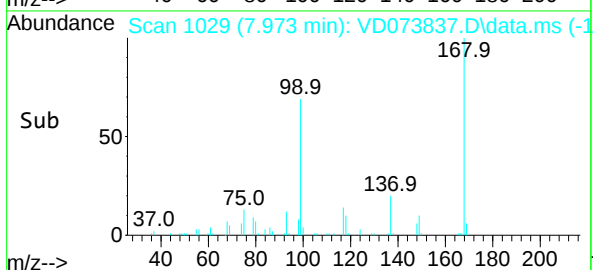
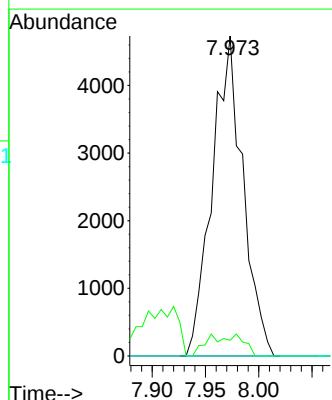
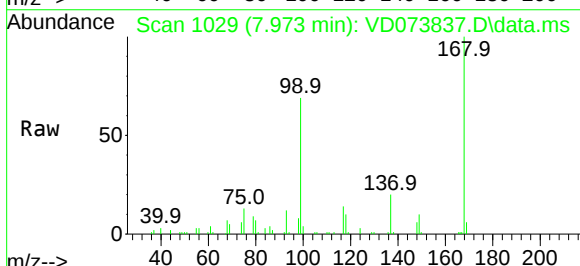
Tgt Ion: 75 Resp: 9476

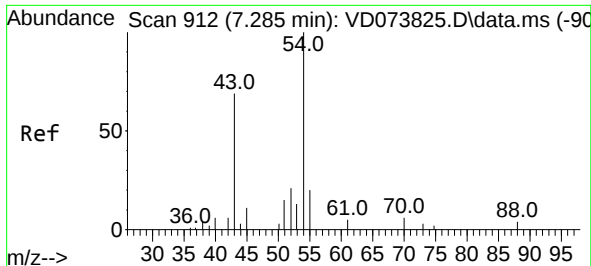
Ion Ratio Lower Upper

75 100

110 3.2 16.0 47.9#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.269 ug/l

RT: 7.202 min Scan# 81

Delta R.T. -0.082 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

A-3-UC

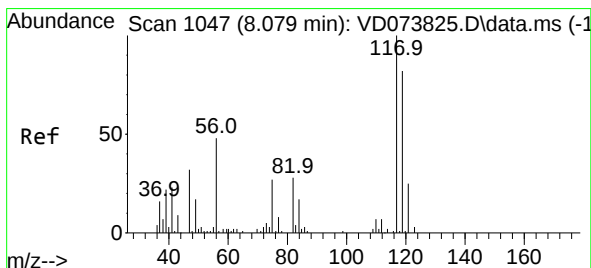
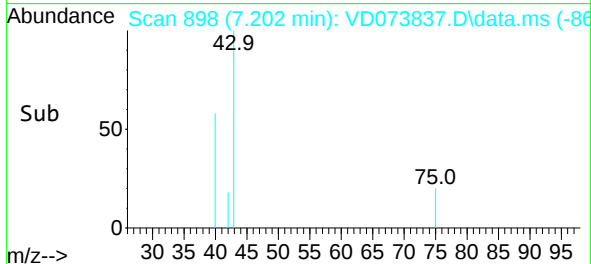
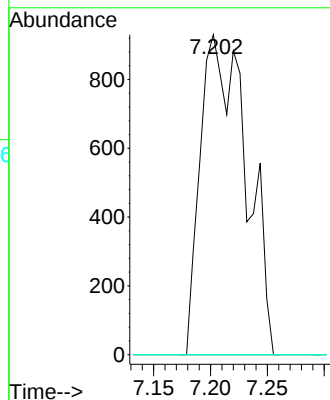
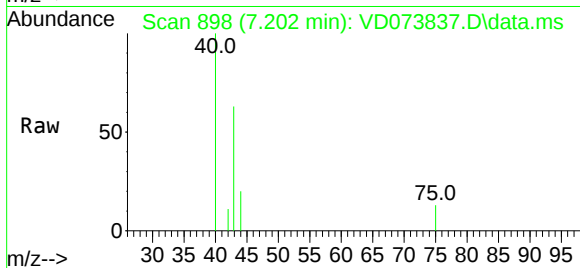
Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 6.987 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.106 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

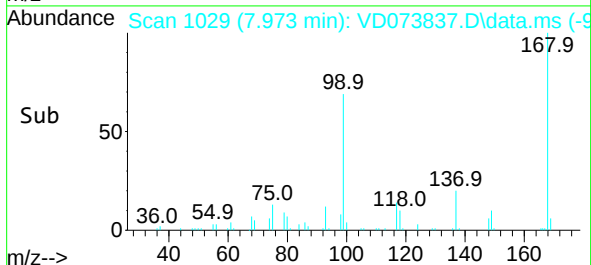
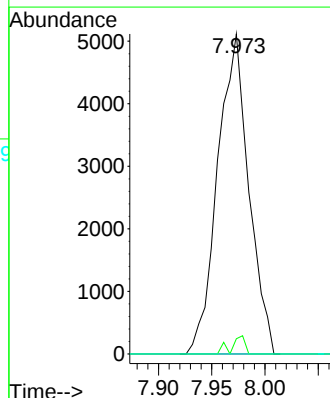
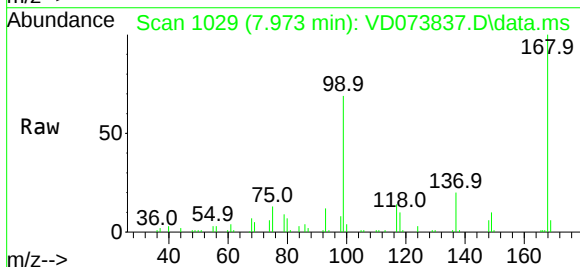
Tgt Ion: 117 Resp: 10394

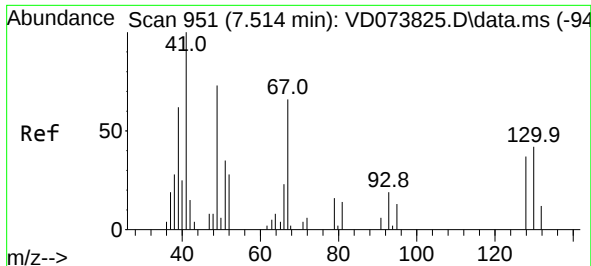
Ion Ratio Lower Upper

117 100

119 4.8 65.6 98.4#

121 0.0 20.1 30.1#

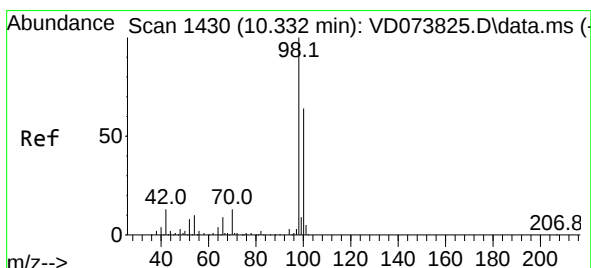
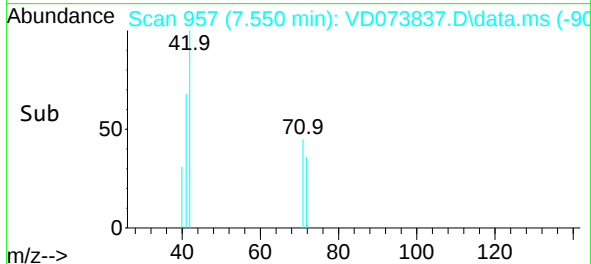
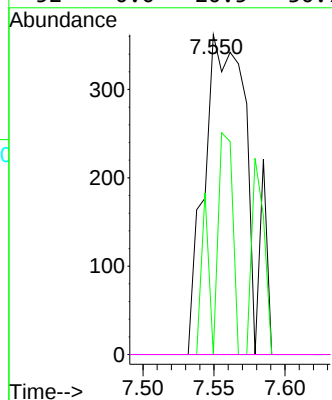
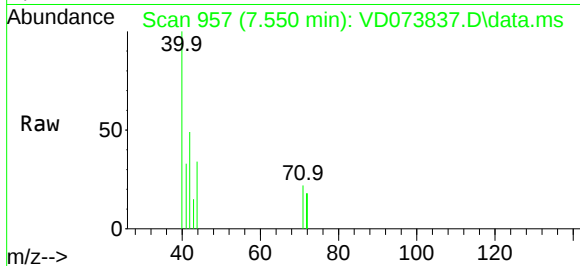




#41
Methacrylonitrile
Concen: 1.486 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.035 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

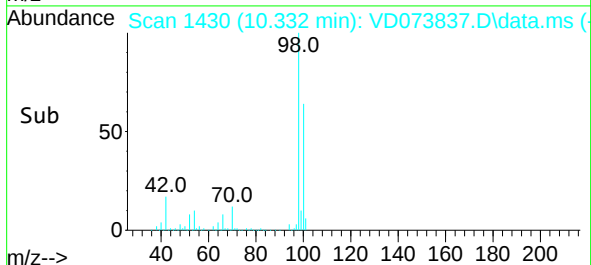
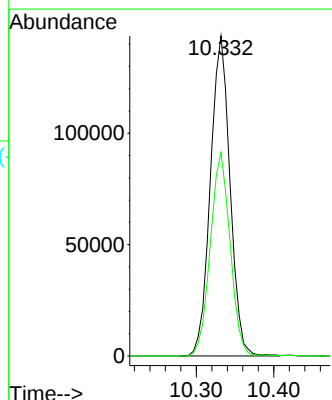
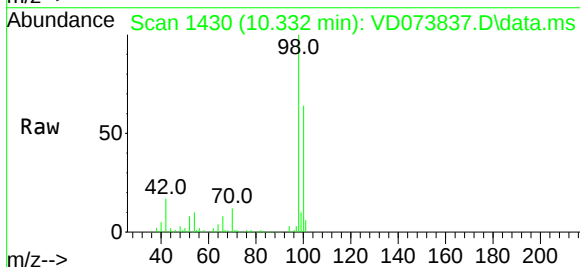
Instrument :
MSVOA_D
ClientSampleId :
A-3-UC

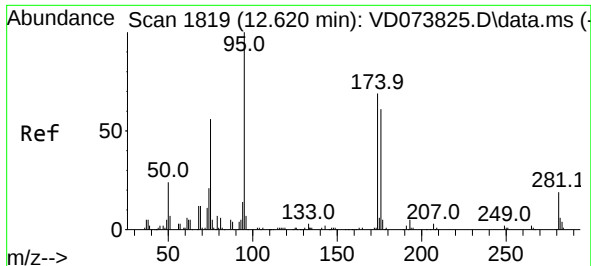
Tgt Ion: 41	Resp:	776
Ion	Ratio	Lower Upper
41	100	
39	30.7	35.6 53.4#
67	0.0	45.0 67.6#
52	0.0	20.5 30.7#



#50
Toluene-d8
Concen: 56.274 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

Tgt Ion: 98	Resp:	252608
Ion	Ratio	Lower Upper
98	100	
100	64.2	52.9 79.3

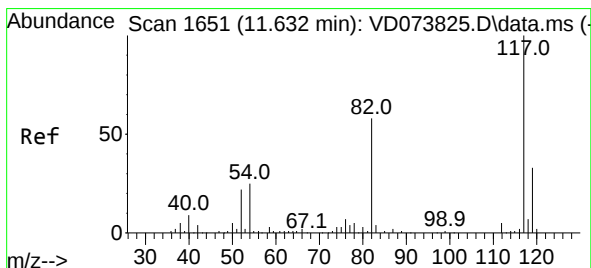
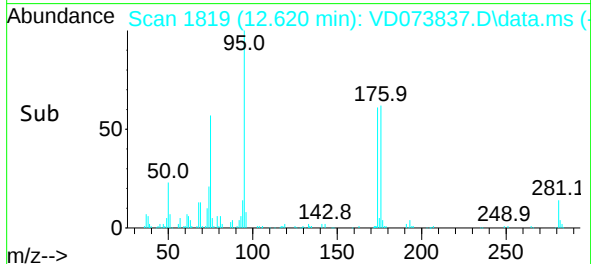
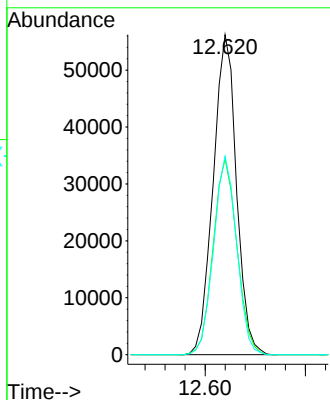
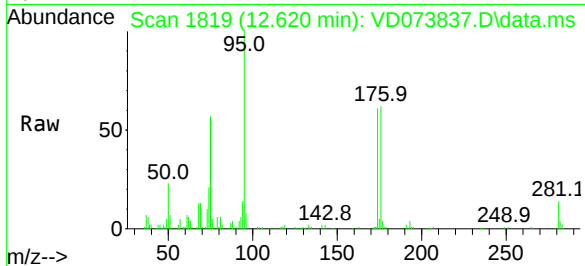




#62
4-Bromofluorobenzene
Concen: 47.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

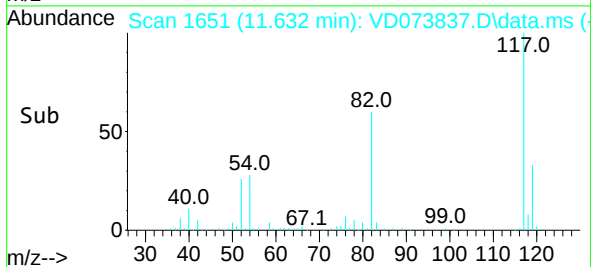
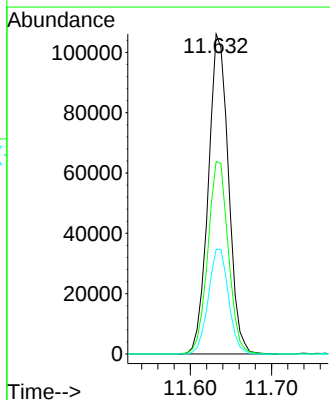
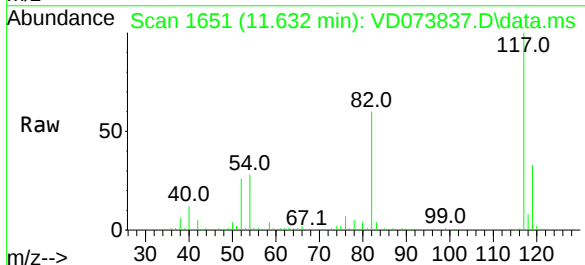
Instrument :
MSVOA_D
ClientSampleId :
A-3-UC

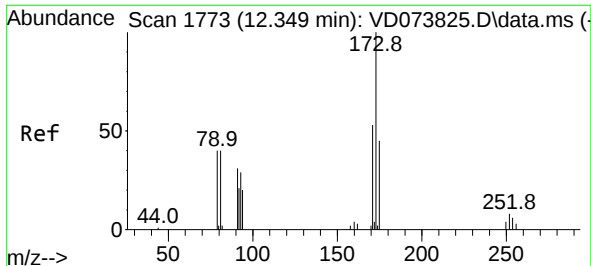
Tgt Ion: 95 Resp: 90393
Ion Ratio Lower Upper
95 100
174 62.6 0.0 131.8
176 61.3 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

Tgt Ion: 117 Resp: 183075
Ion Ratio Lower Upper
117 100
82 60.1 46.6 69.8
119 32.7 26.1 39.1

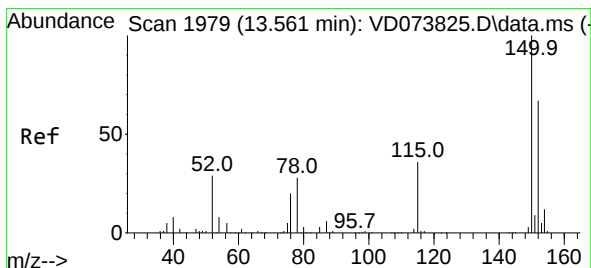
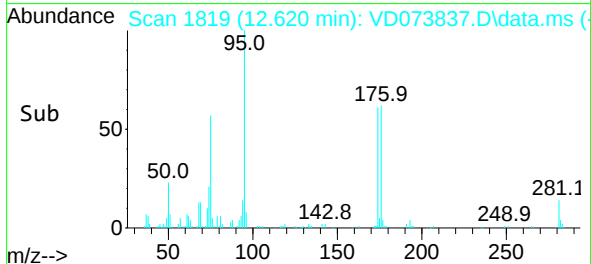
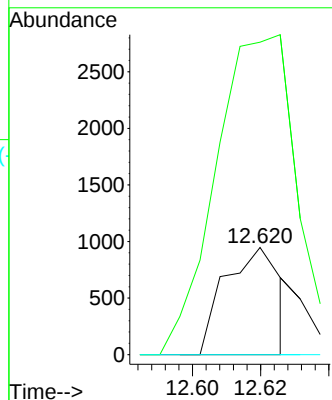
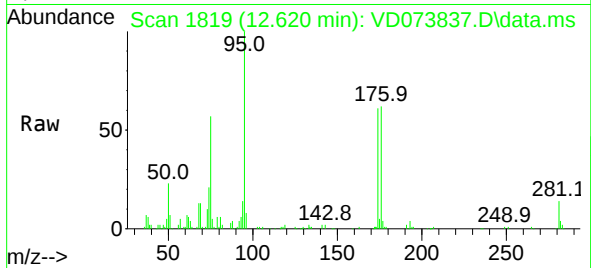




#71
Bromoform
Concen: 1.721 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

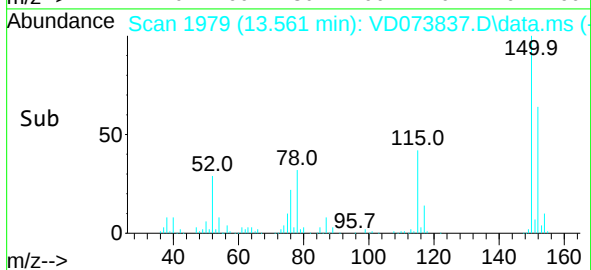
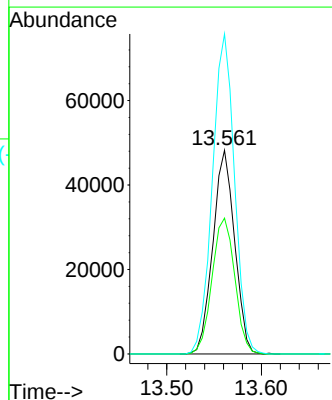
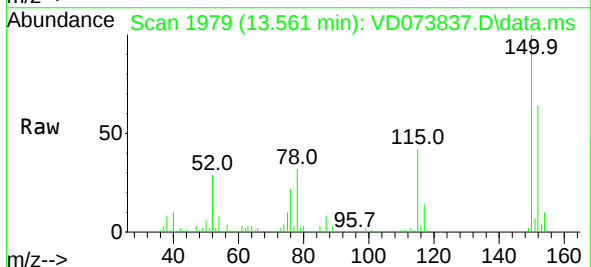
Instrument :
MSVOA_D
ClientSampleId :
A-3-UC

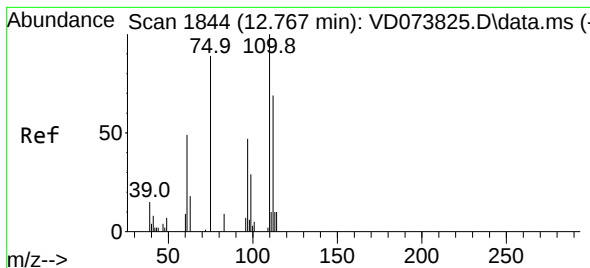
Tgt Ion:173 Resp: 1073
Ion Ratio Lower Upper
173 100
175 0.0 23.4 70.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073837.D
Acq: 12 Jul 2022 14:28

Tgt Ion:152 Resp: 77120
Ion Ratio Lower Upper
152 100
115 69.7 33.5 100.5
150 159.6 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 62.127 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

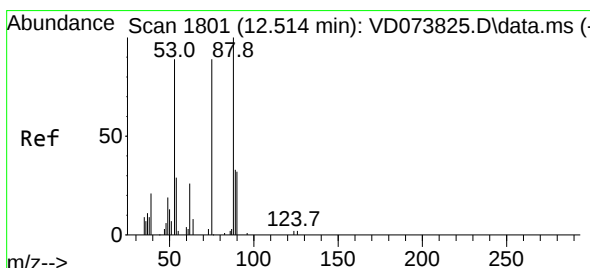
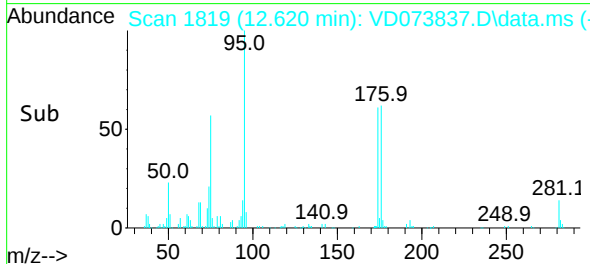
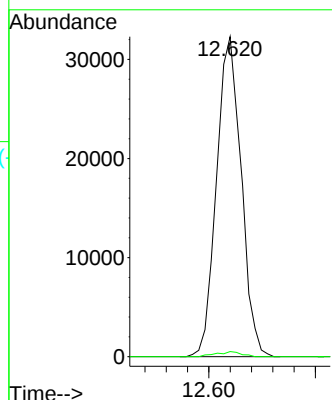
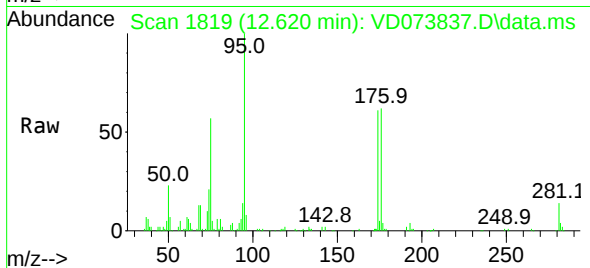
A-3-UC

Tgt Ion: 75 Resp: 51833

Ion Ratio Lower Upper

75 100

77 1.6 138.0 414.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 163.277 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.106 min

Lab File: VD073837.D

Acq: 12 Jul 2022 14:28

Tgt Ion: 75 Resp: 51833

Ion Ratio Lower Upper

75 100

53 0.0 79.3 118.9#

89 0.3 34.8 52.2#

