

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049570.D
 Acq On : 30 Jun 2022 17:55
 Operator : SY/MD
 Sample : N3554-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-03-50

Quant Time: Jul 01 05:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

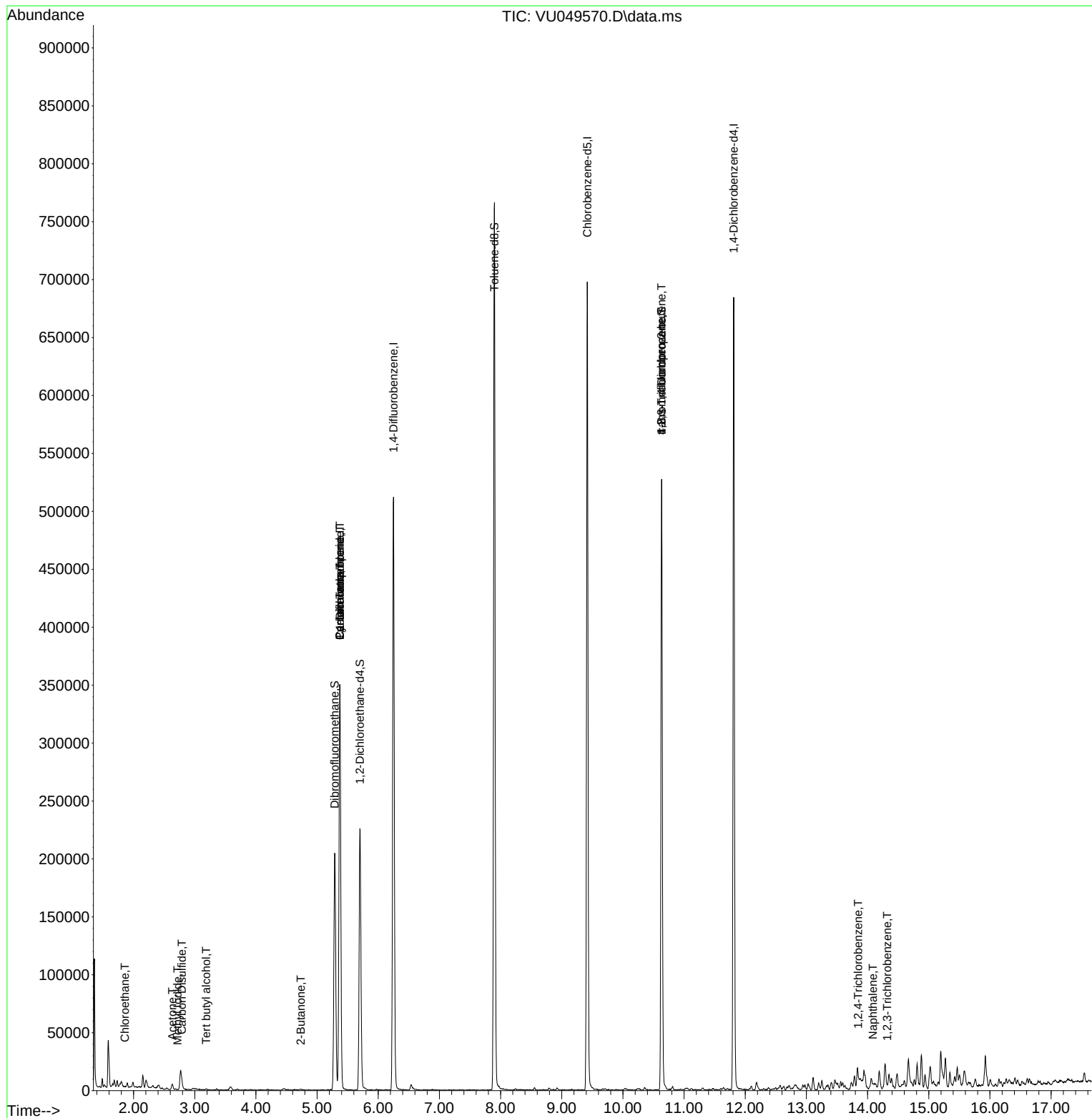
Internal Standards						
1) Pentafluorobenzene	5.372	168	239799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	414110	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	378624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	167951	45.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.960%
35) Dibromofluoromethane	5.288	113	134396	46.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	7.899	98	502740	48.651	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.300%
62) 4-Bromofluorobenzene	10.632	95	180852	45.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1929	Below Cal		99
6) Chloroethane	1.858	64	20	1.926	ug/l #	44
10) Methyl Iodide	2.719	142	67	7.535	ug/l #	43
11) Tert butyl alcohol	3.186	59	708	0.819	ug/l #	37
16) Acetone	2.632	43	5858	3.145	ug/l	100
17) Carbon Disulfide	2.790	76	1735	0.214	ug/l #	78
20) Methylene Chloride	3.041	84	182	Below Cal	#	42
25) 2-Butanone	4.735	43	1580	0.566	ug/l	95
31) Cyclohexane	5.372	56	5182	0.934	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19657	4.679	ug/l #	48
38) Carbon Tetrachloride	5.372	117	24025	5.453	ug/l #	17
76) 1,2,3-Trichloropropane	10.632	75	92505	15.600	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	92505	57.609	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.844	180	71	1.771	ug/l #	1
95) Naphthalene	14.089	128	3342	1.972	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.323	180	89	1.199	ug/l #	29

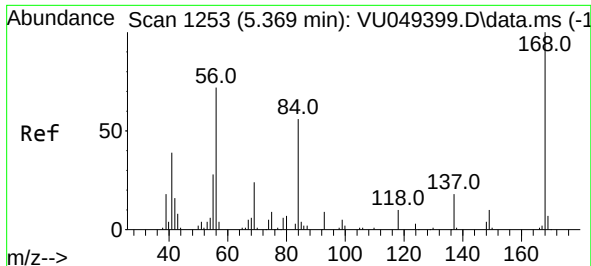
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
Data File : VU049570.D
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MSVOA_U
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152140-SPC-03-50

Quant Time: Jul 01 05:26:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
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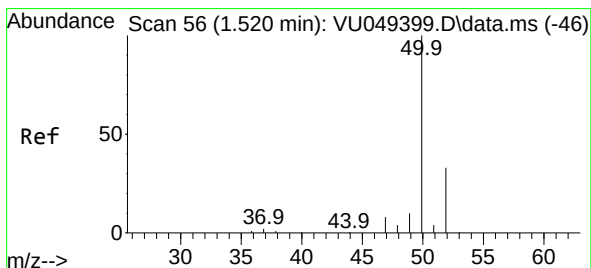
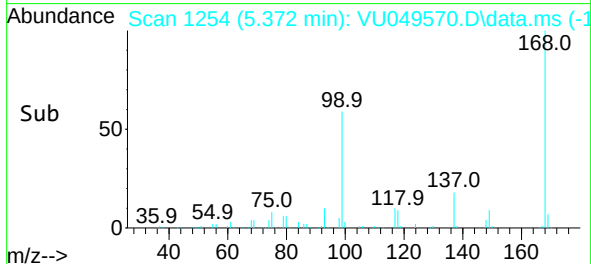
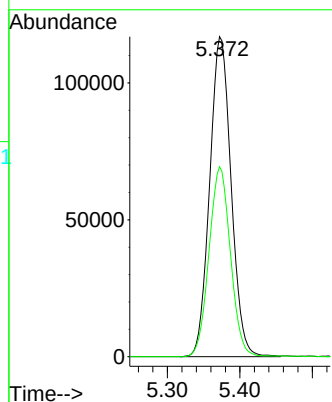
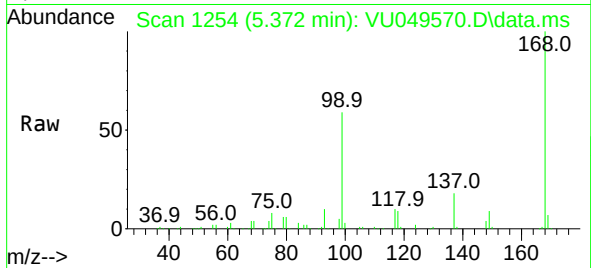




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

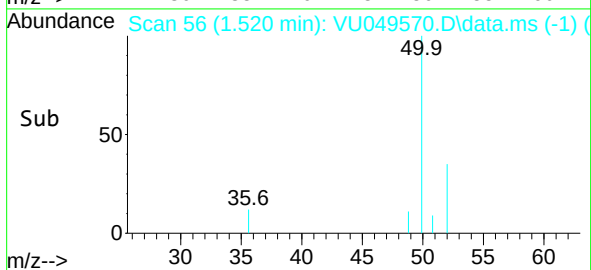
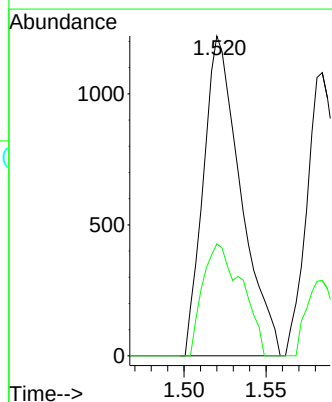
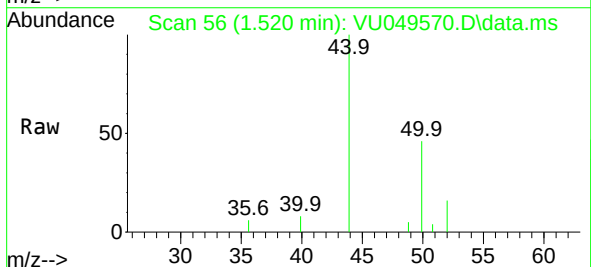
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

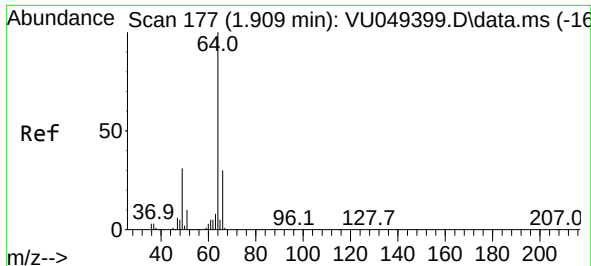
Tgt Ion:168 Resp: 239799
Ion Ratio Lower Upper
168 100
99 59.3 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion: 50 Resp: 1929
Ion Ratio Lower Upper
50 100
52 35.1 27.4 41.2

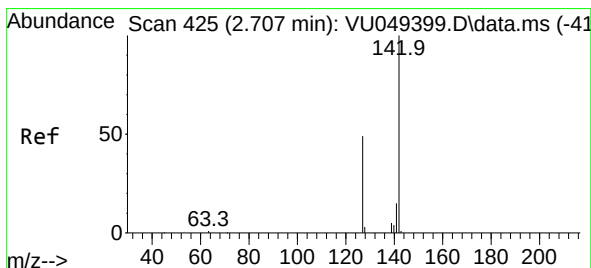
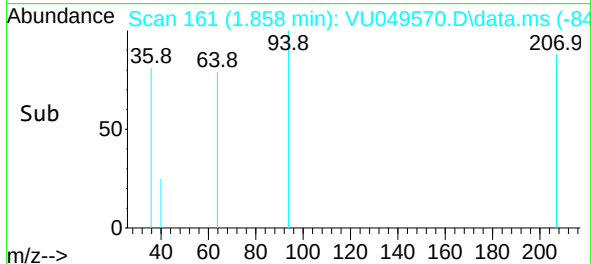
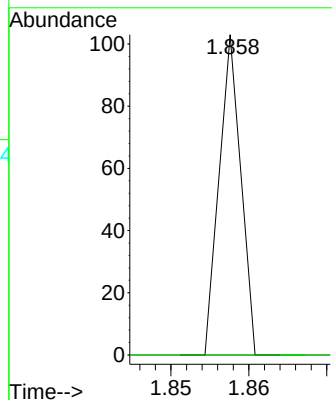
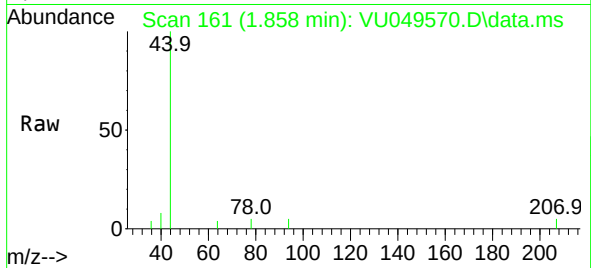




#6
Chloroethane
Concen: 1.926 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.052 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

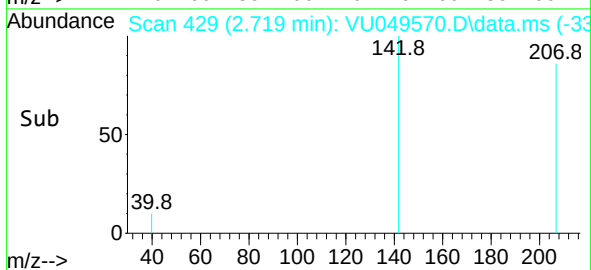
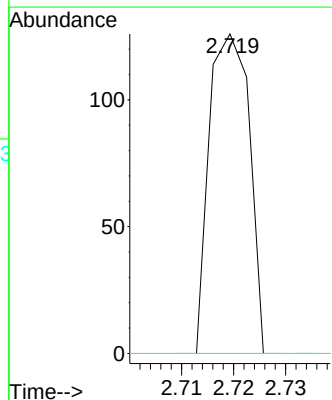
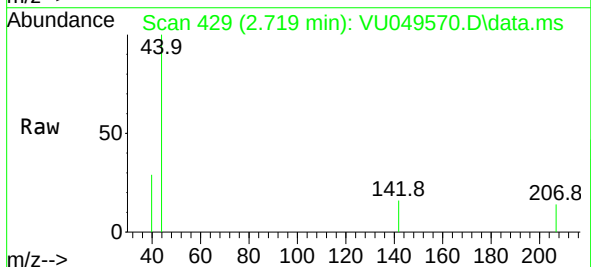
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

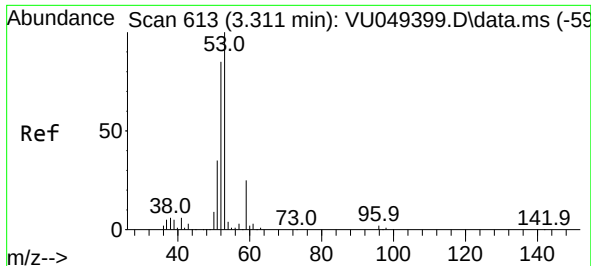
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.535 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion: 142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.819 ug/l

RT: 3.186 min Scan# 51

Delta R.T. -0.125 min

Lab File: VU049570.D

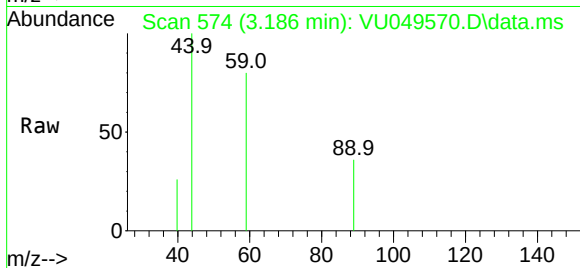
Acq: 30 Jun 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-03-50

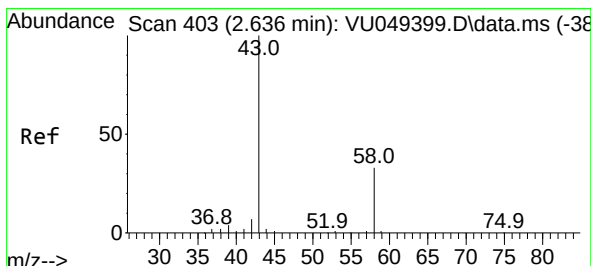
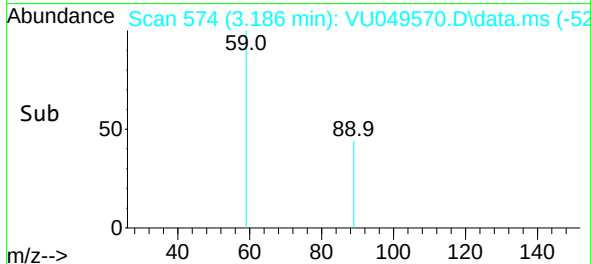
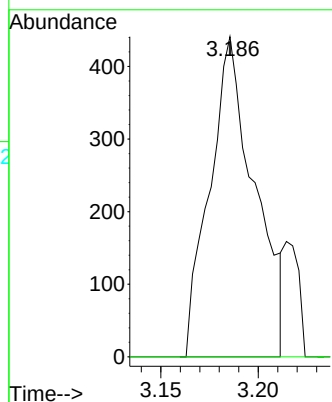


Tgt Ion: 59 Resp: 708

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#16

Acetone

Concen: 3.145 ug/l

RT: 2.632 min Scan# 402

Delta R.T. -0.003 min

Lab File: VU049570.D

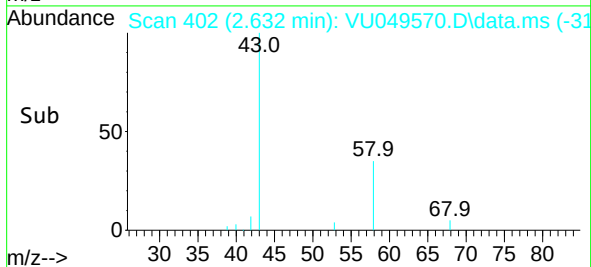
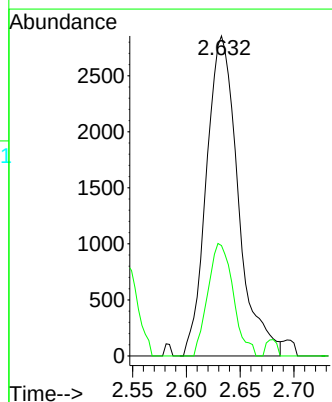
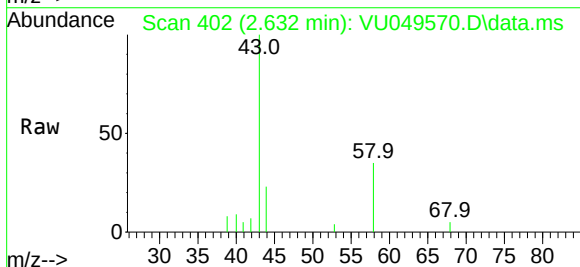
Acq: 30 Jun 2022 17:55

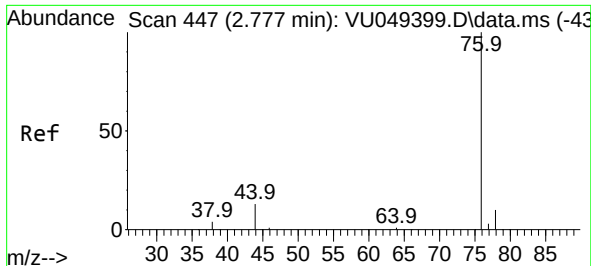
Tgt Ion: 43 Resp: 5858

Ion Ratio Lower Upper

43 100

58 34.5 27.5 41.3

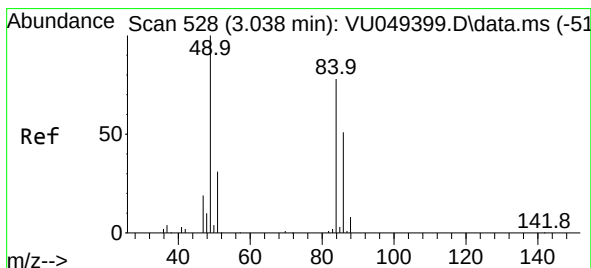
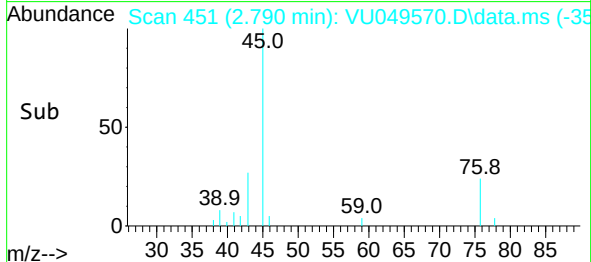
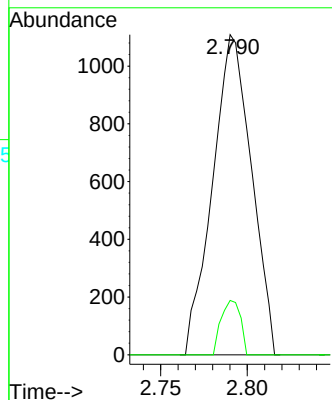
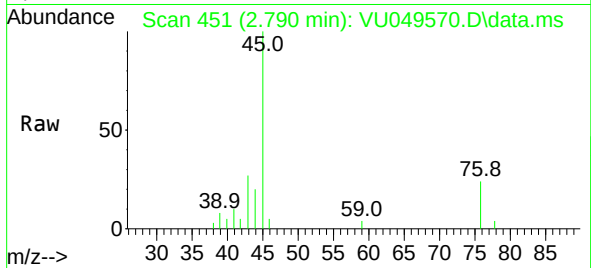




#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

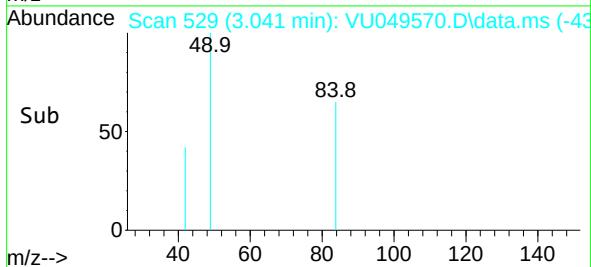
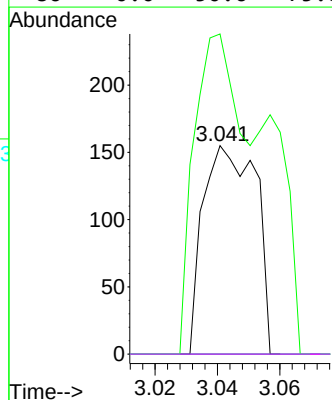
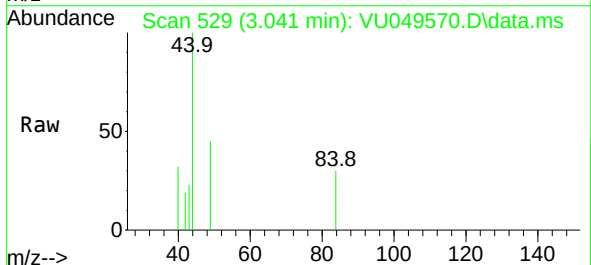
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

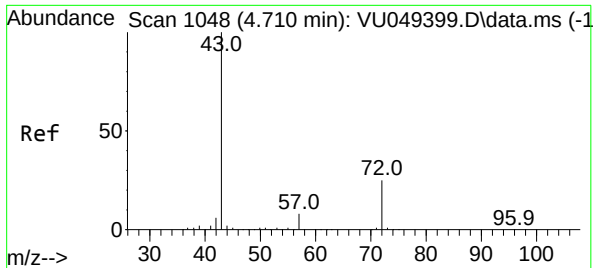
Tgt Ion: 76 Resp: 1735
Ion Ratio Lower Upper
76 100
78 17.0 7.3 10.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion: 84 Resp: 182
Ion Ratio Lower Upper
84 100
49 153.5 86.6 129.8#
51 0.0 26.6 40.0#
86 0.0 50.6 75.8#





#25

2-Butanone

Concen: 0.566 ug/l

RT: 4.735 min Scan# 1048

Delta R.T. 0.026 min

Lab File: VU049570.D

Acq: 30 Jun 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

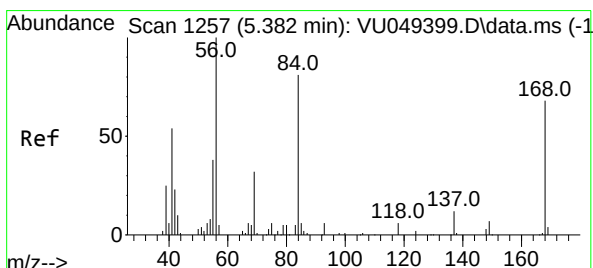
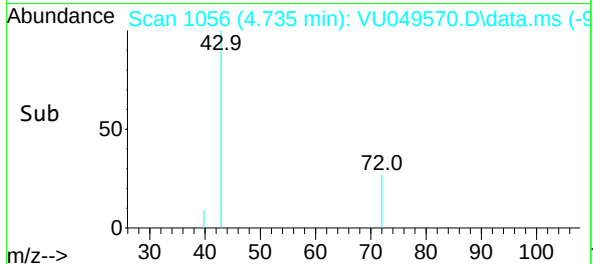
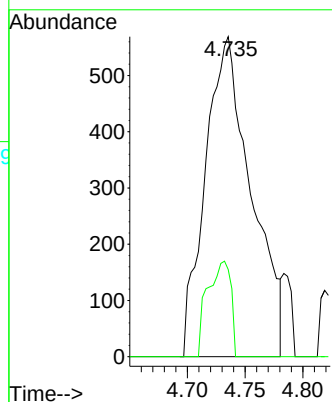
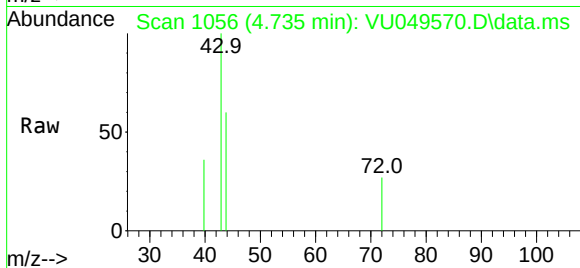
152140-SPC-03-50

Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

72 27.2 23.8 35.6



#31

Cyclohexane

Concen: 0.934 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.010 min

Lab File: VU049570.D

Acq: 30 Jun 2022 17:55

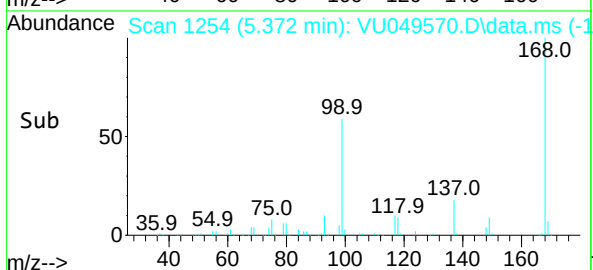
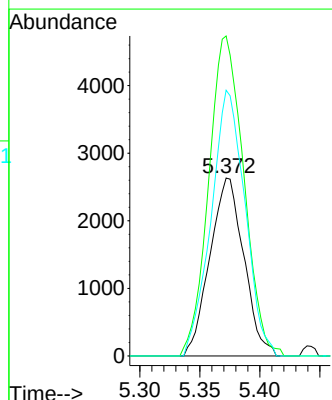
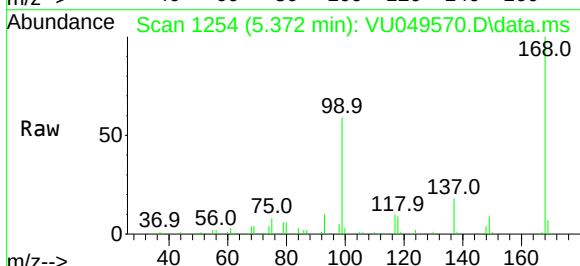
Tgt Ion: 56 Resp: 5182

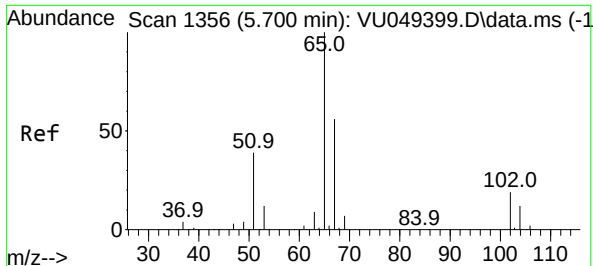
Ion Ratio Lower Upper

56 100

69 179.8 27.8 41.8#

84 149.3 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 45.477 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049570.D

Acq: 30 Jun 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

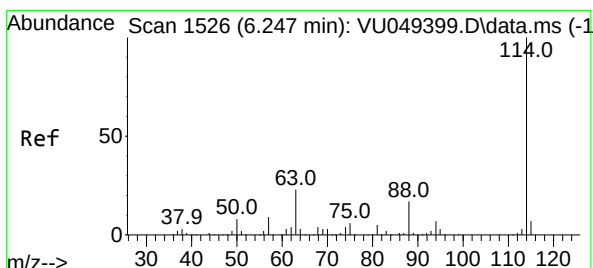
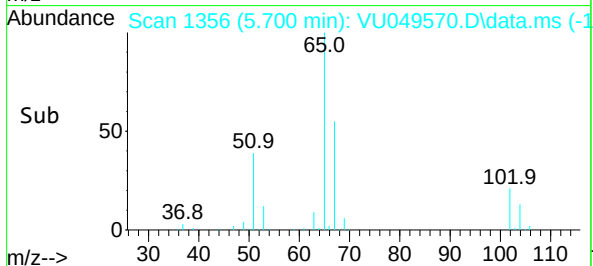
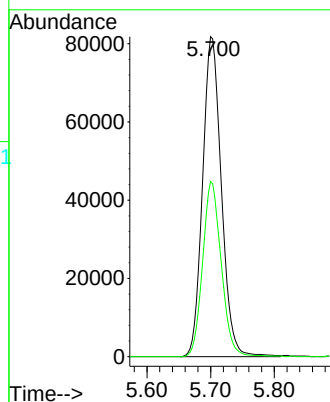
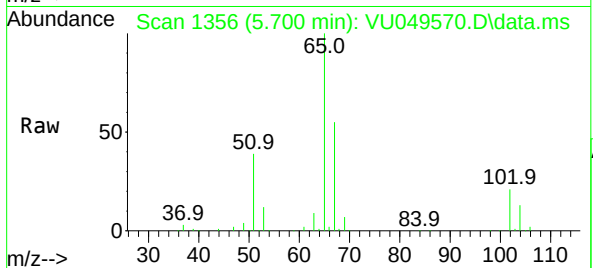
152140-SPC-03-50

Tgt Ion: 65 Resp: 167951

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049570.D

Acq: 30 Jun 2022 17:55

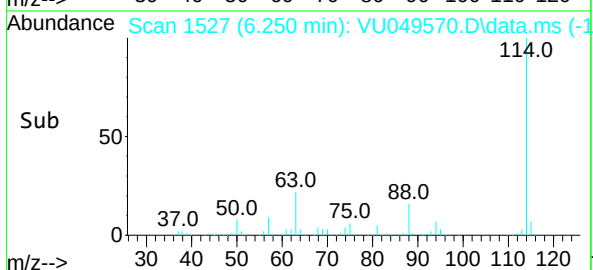
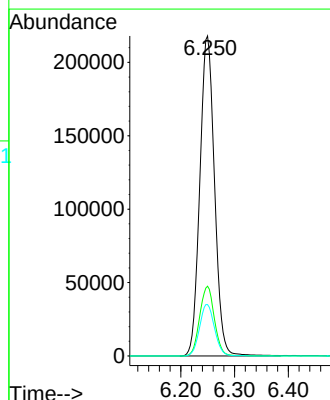
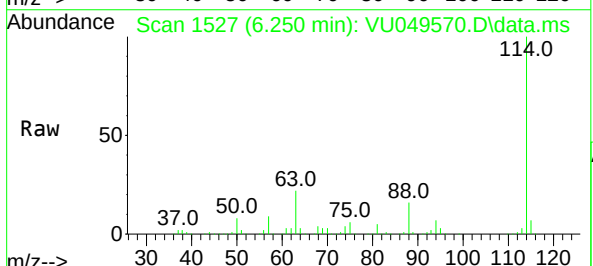
Tgt Ion: 114 Resp: 414110

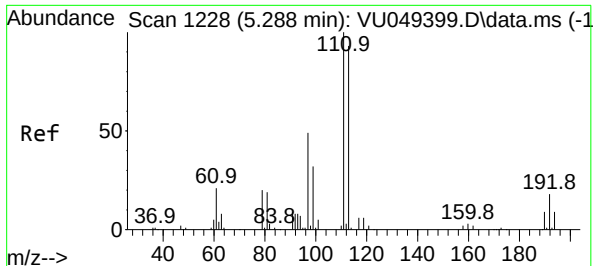
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

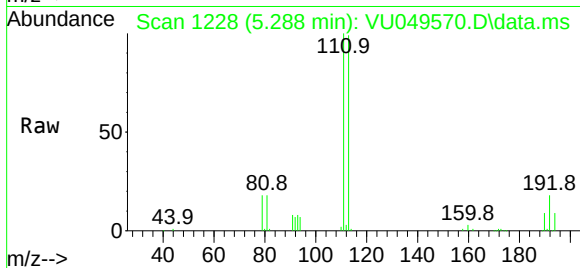
88 16.1 0.0 29.2



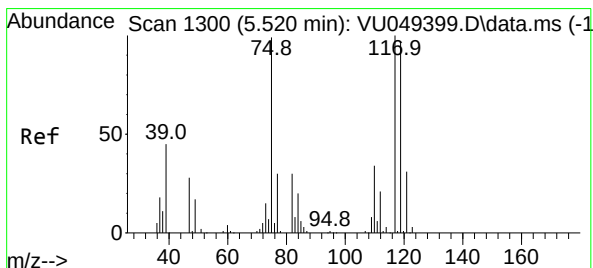
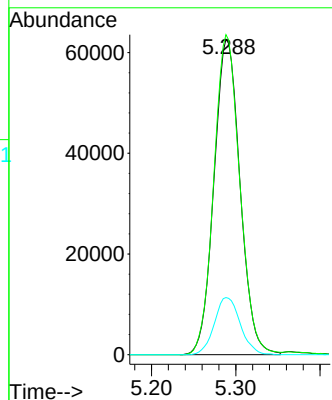
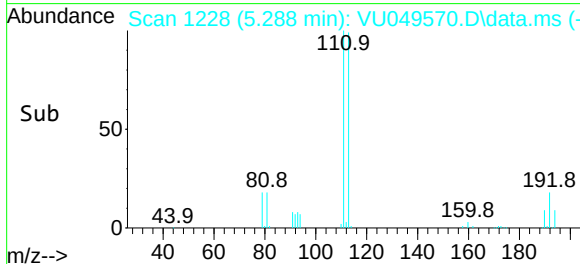


#35
Dibromofluoromethane
Concen: 46.388 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

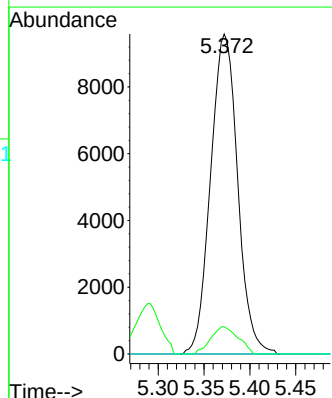
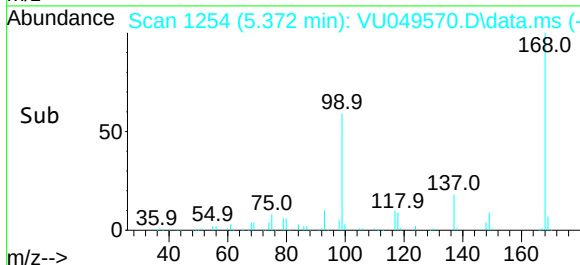
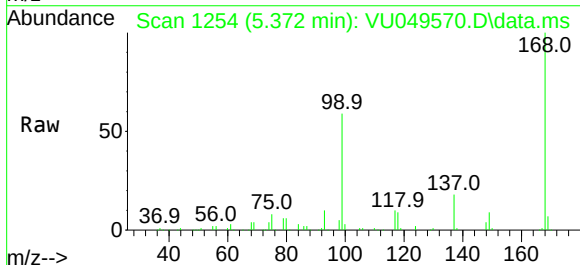


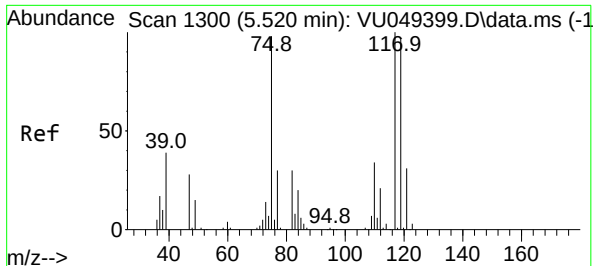
Tgt Ion:113 Resp: 134396
Ion Ratio Lower Upper
113 100
111 101.1 82.1 123.1
192 18.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

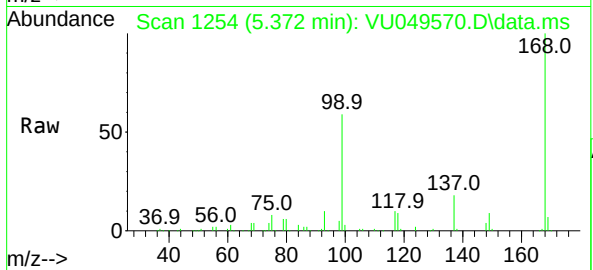
Tgt Ion: 75 Resp: 19657
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 25.1 37.7#



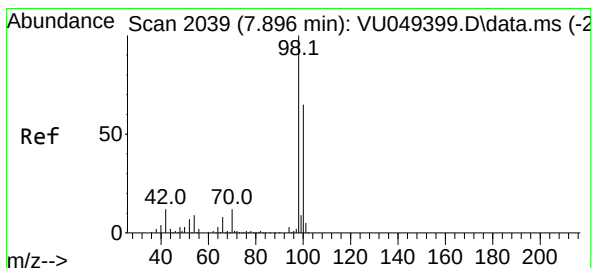
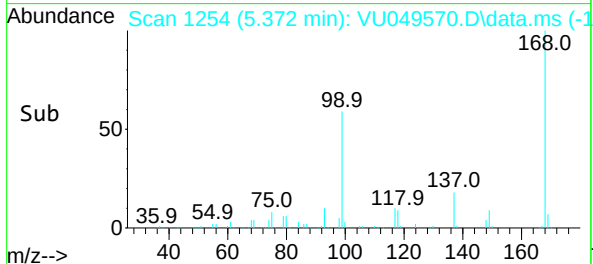
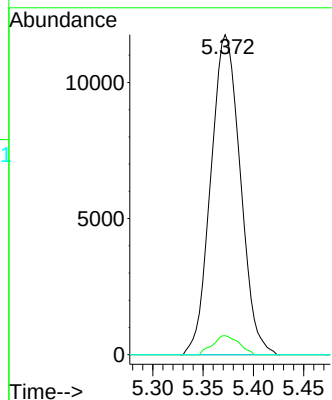


#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Instrument :
MSVOA_U
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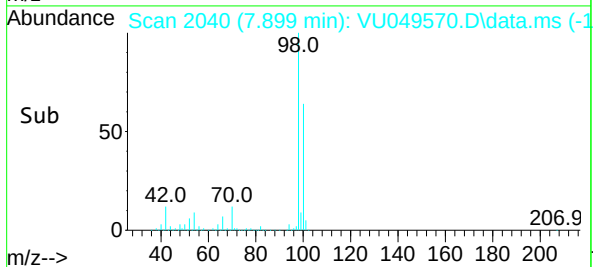
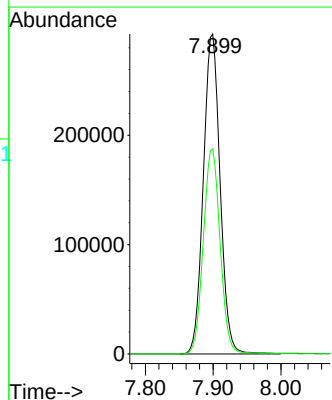
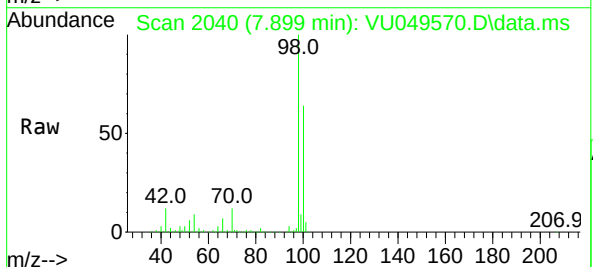


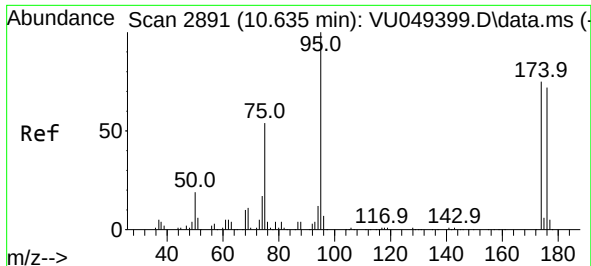
Tgt Ion:117 Resp: 24025
Ion Ratio Lower Upper
117 100
119 5.9 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.651 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion: 98 Resp: 502740
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

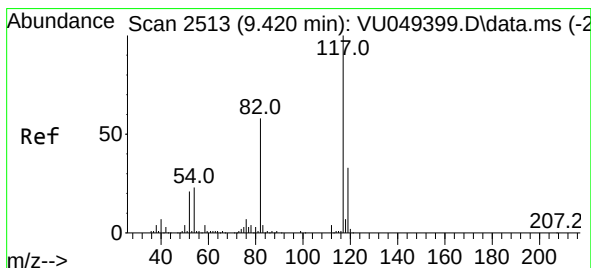
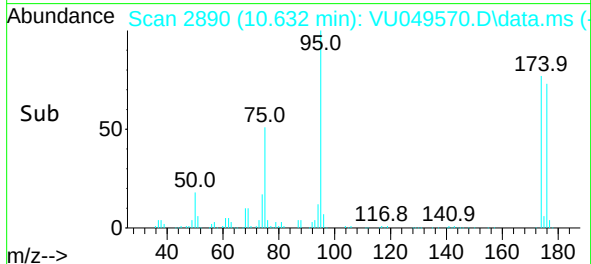
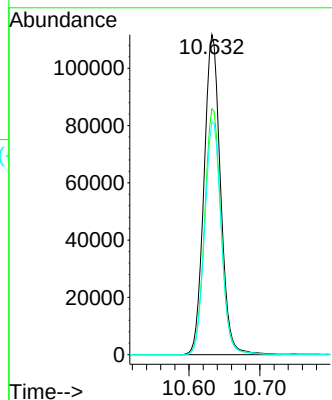
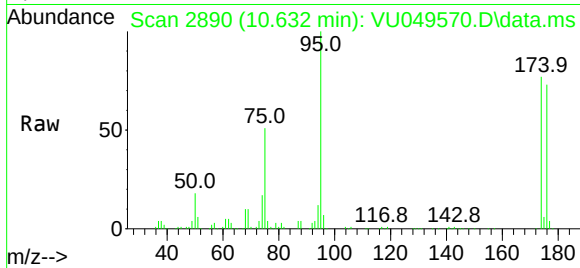




#62
4-Bromofluorobenzene
Concen: 45.687 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

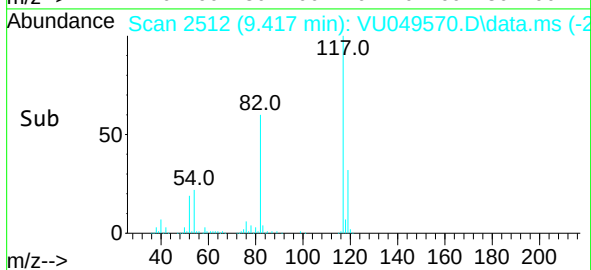
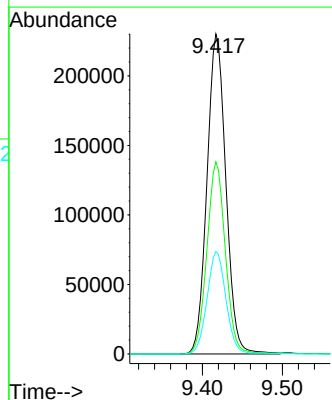
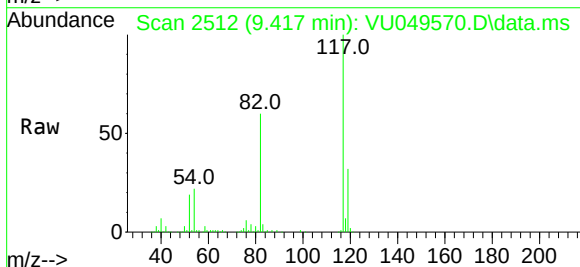
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

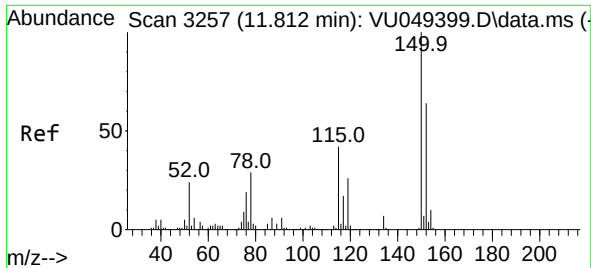
Tgt Ion: 95 Resp: 180852
Ion Ratio Lower Upper
95 100
174 76.2 0.0 182.0
176 73.2 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion: 117 Resp: 378624
Ion Ratio Lower Upper
117 100
82 60.1 41.7 62.5
119 32.0 25.7 38.5

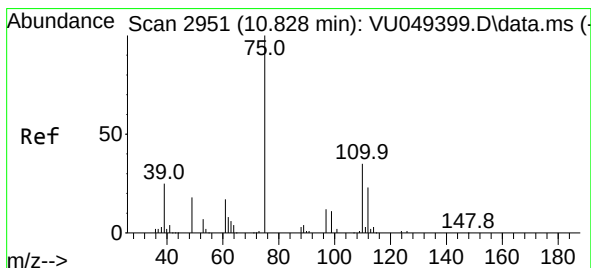
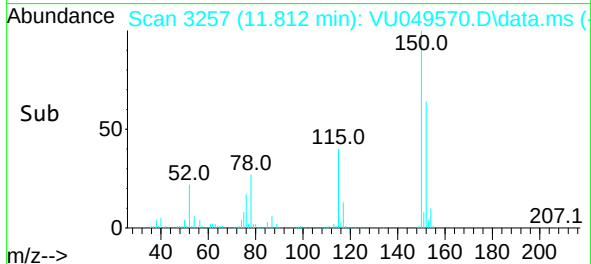
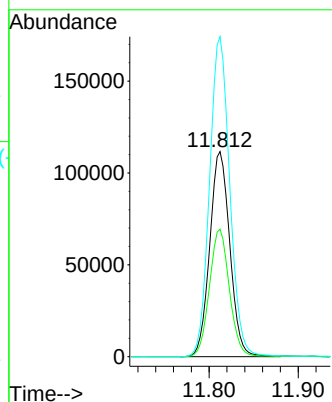
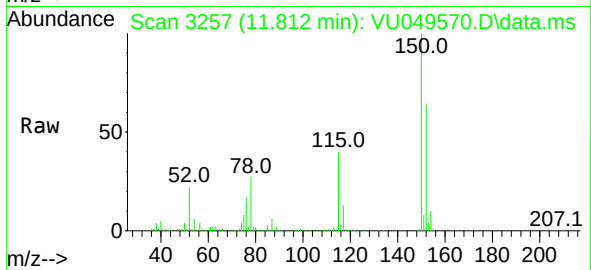




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049570.D
 Acq: 30 Jun 2022 17:55

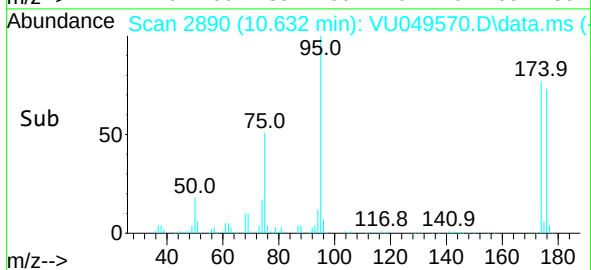
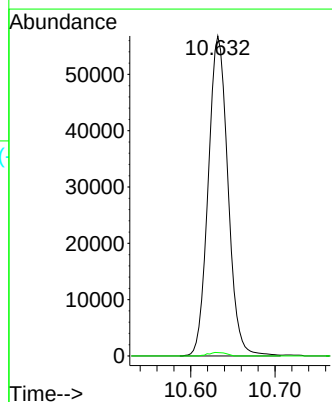
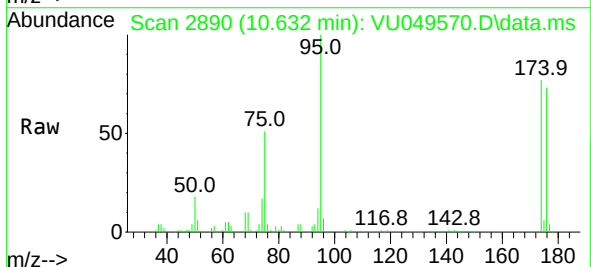
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-03-50

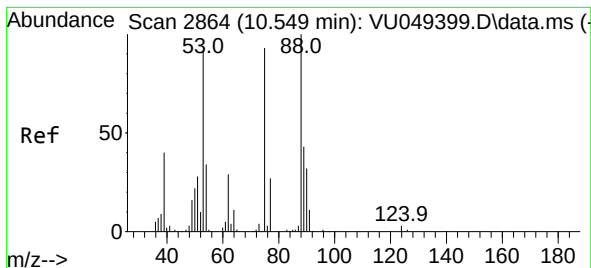
Tgt Ion:152 Resp: 174925
 Ion Ratio Lower Upper
 152 100
 115 61.7 37.0 110.9
 150 156.9 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.600 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049570.D
 Acq: 30 Jun 2022 17:55

Tgt Ion: 75 Resp: 92505
 Ion Ratio Lower Upper
 75 100
 77 1.0 15.8 47.3#

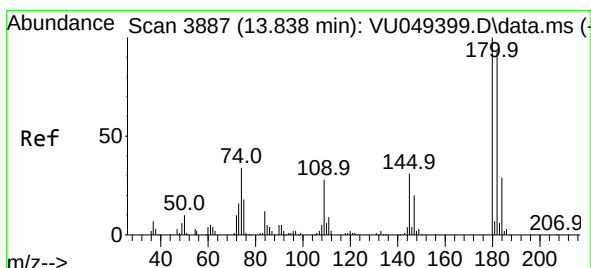
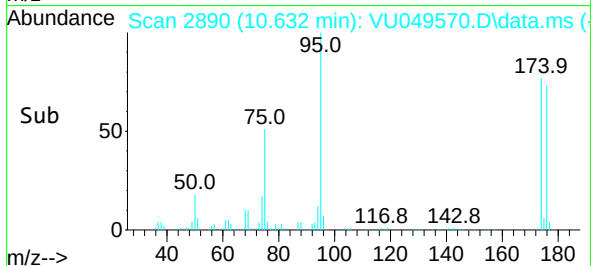
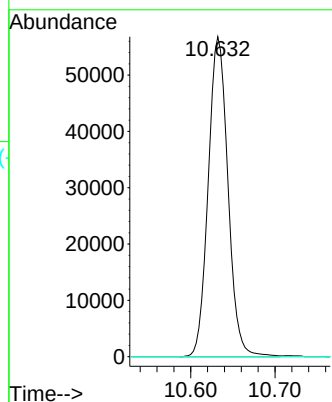
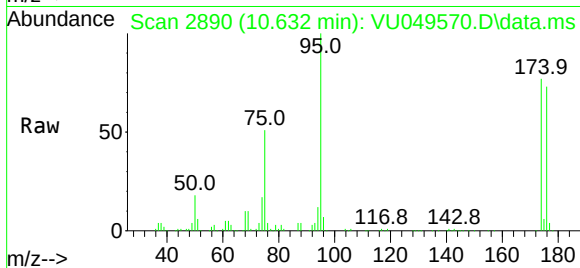




#81
trans-1,4-Dichloro-2-butene
Concen: 57.609 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

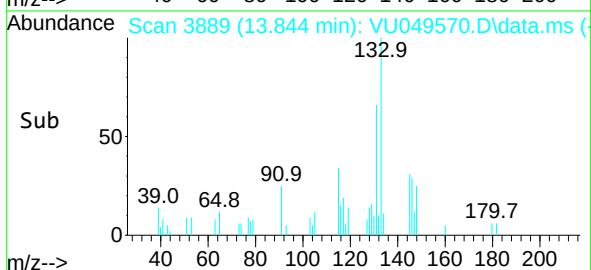
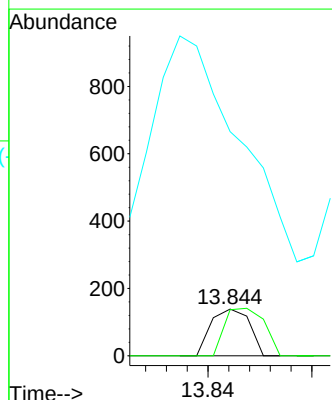
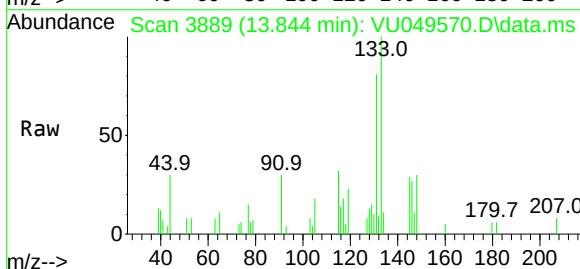
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

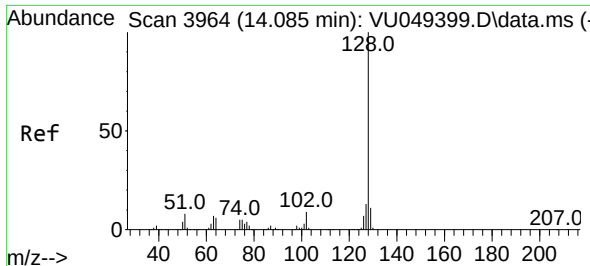
Tgt Ion: 75 Resp: 92505
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.771 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion:180 Resp: 71
Ion Ratio Lower Upper
180 100
182 105.6 47.9 143.6
145 2201.4 14.0 41.9#

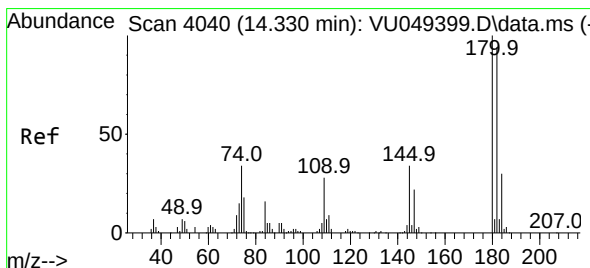
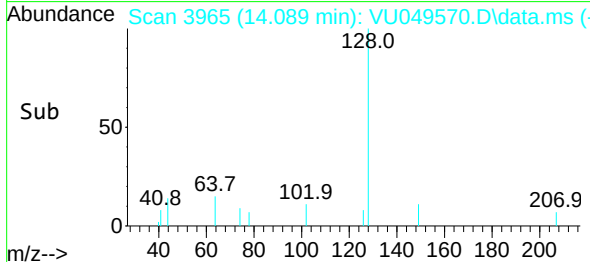
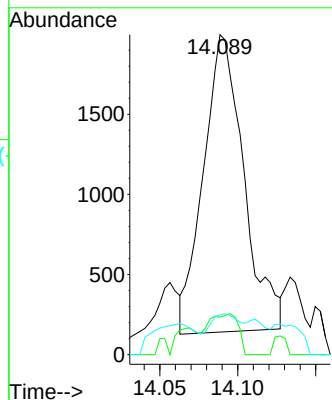
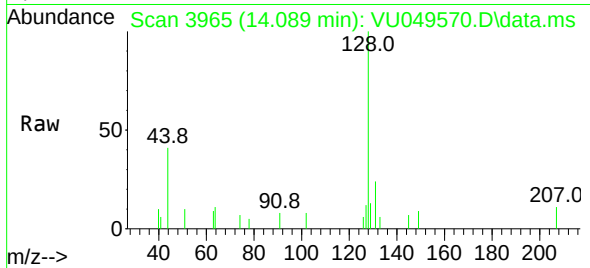




#95
Naphthalene
Concen: 1.972 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-50

Tgt Ion:128 Resp: 3342
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 4.8 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.199 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. -0.007 min
Lab File: VU049570.D
Acq: 30 Jun 2022 17:55

Tgt Ion:180 Resp: 89
Ion Ratio Lower Upper
180 100
182 22.5 48.4 145.0#
145 0.0 14.8 44.4#

