

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049569.D
 Acq On : 30 Jun 2022 17:31
 Operator : SY/MD
 Sample : N3554-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-03-30

Quant Time: Jul 01 05:26:41 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)

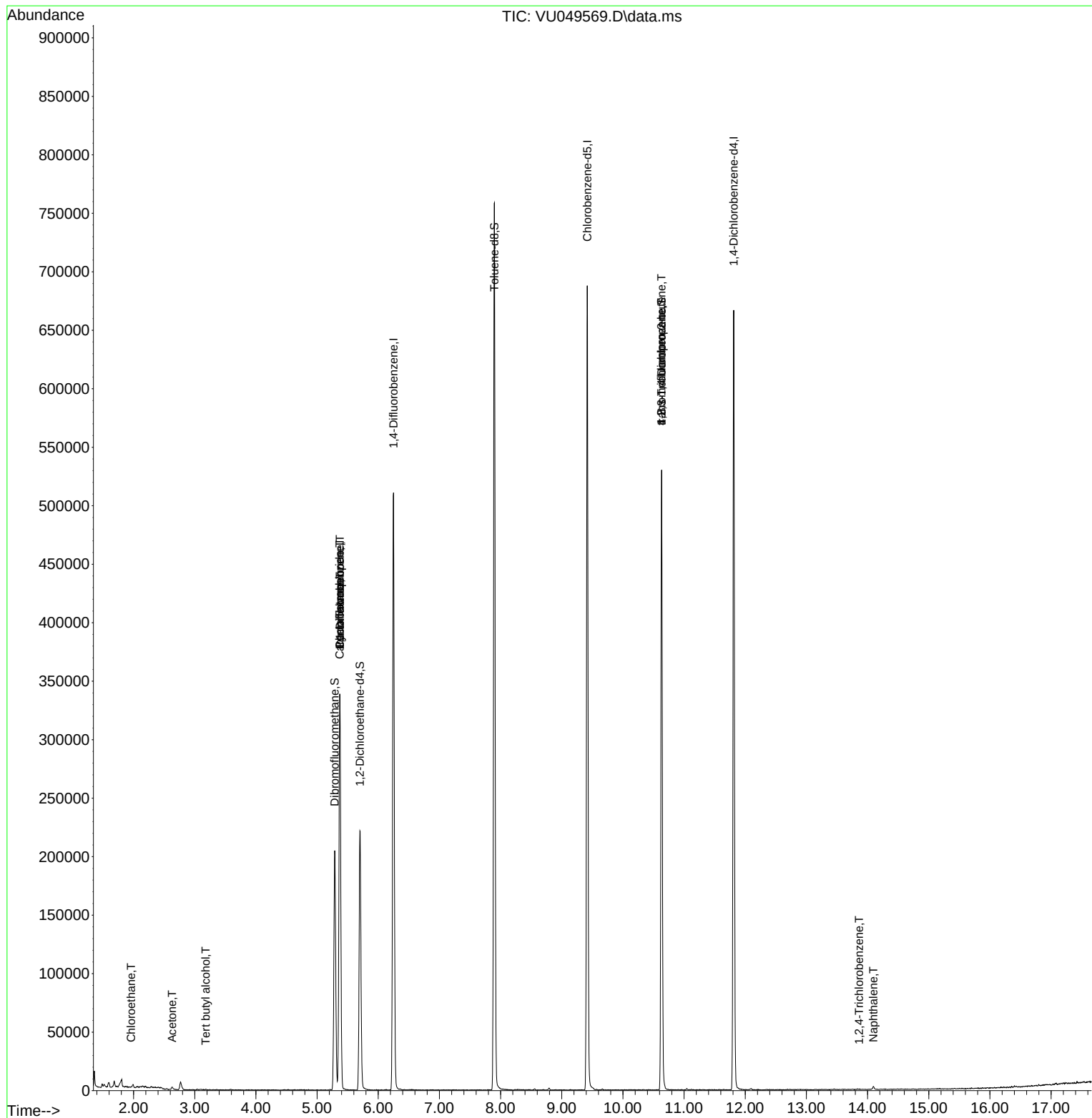
Internal Standards						
1) Pentafluorobenzene	5.372	168	232576	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	412371	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	164698	45.982	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.960%
35) Dibromofluoromethane	5.289	113	130889	45.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	7.899	98	495089	48.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.220%
62) 4-Bromofluorobenzene	10.632	95	179312	45.489	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	2478	Below Cal	#	82
6) Chloroethane	1.961	64	40	1.938	ug/l #	44
11) Tert butyl alcohol	3.179	59	278	0.332	ug/l #	37
16) Acetone	2.629	43	2965	1.641	ug/l	94
20) Methylene Chloride	3.044	84	207	Below Cal	#	59
31) Cyclohexane	5.372	56	5155	0.959	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	18799	4.494	ug/l #	48
38) Carbon Tetrachloride	5.369	117	24462	5.576	ug/l #	15
76) 1,2,3-Trichloropropane	10.632	75	92499	15.644	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	92499	57.770	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.861	180	160	1.793	ug/l #	12
95) Naphthalene	14.095	128	3025	1.950	ug/l #	78

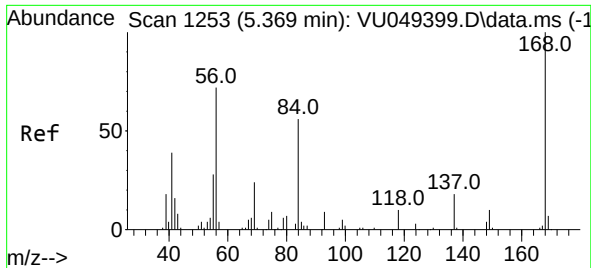
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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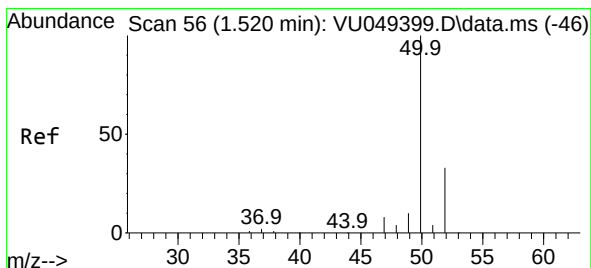
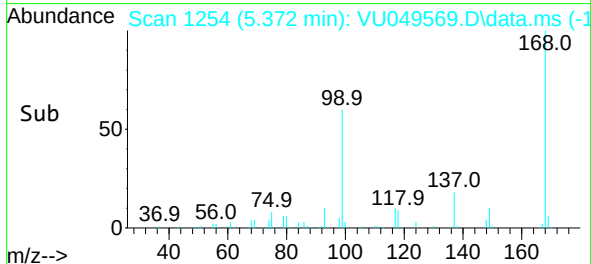
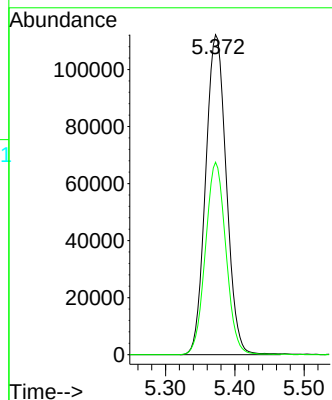
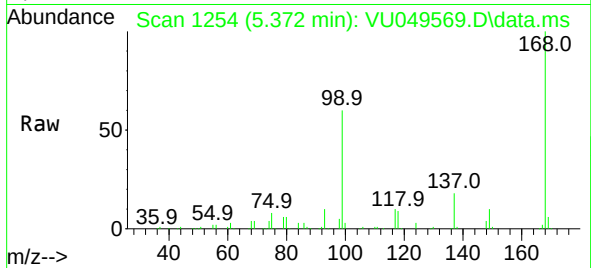




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

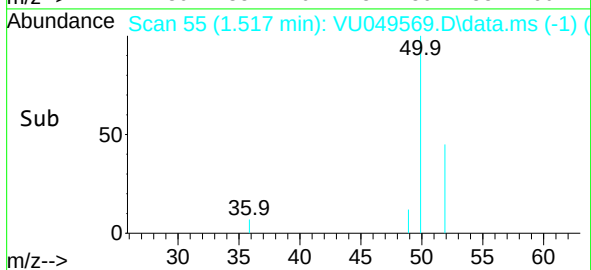
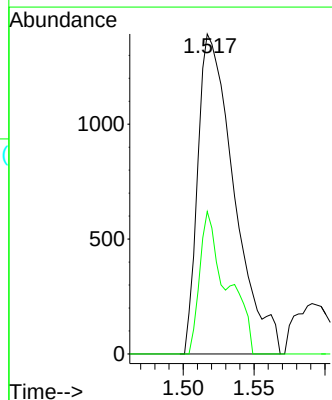
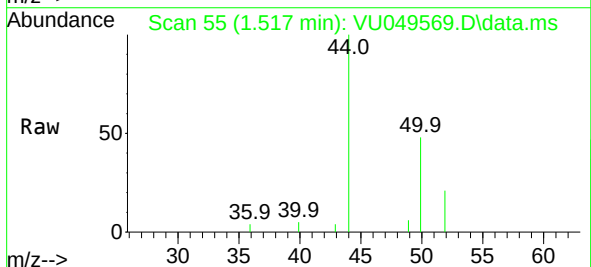
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-30

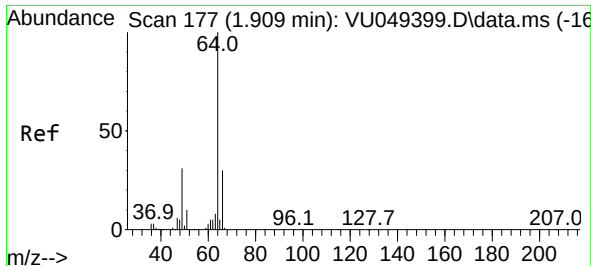
Tgt Ion:168 Resp: 232576
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion: 50 Resp: 2478
Ion Ratio Lower Upper
50 100
52 44.5 27.4 41.2#

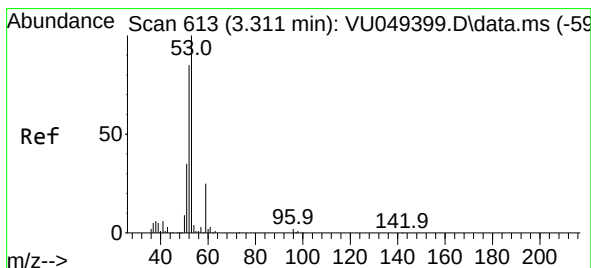
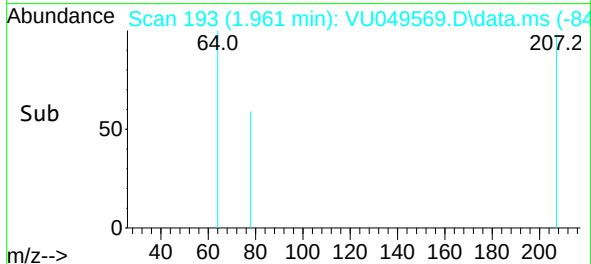
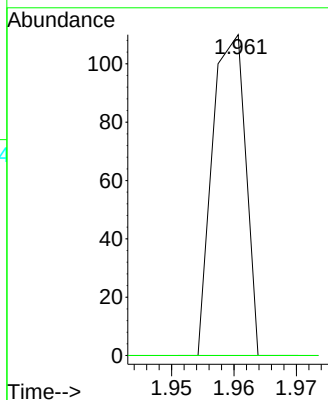
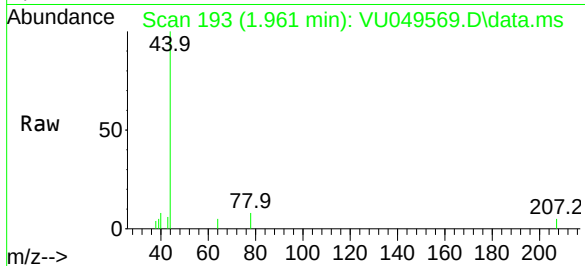




#6
Chloroethane
Concen: 1.938 ug/l
RT: 1.961 min Scan# 11
Delta R.T. 0.052 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

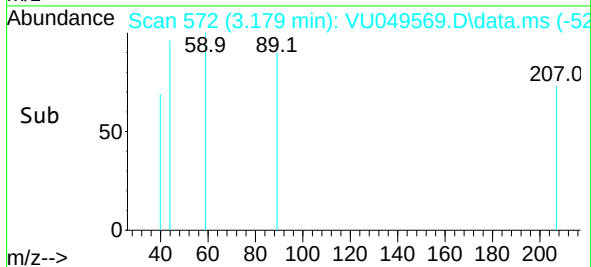
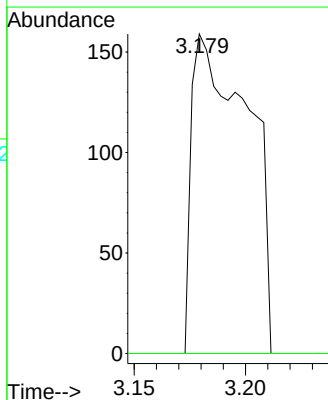
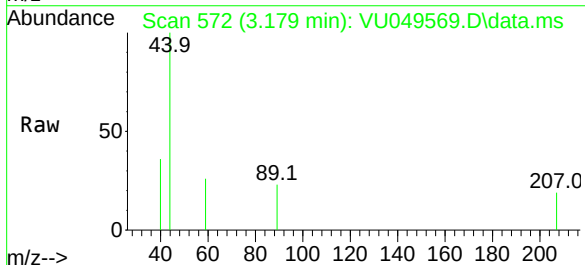
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-30

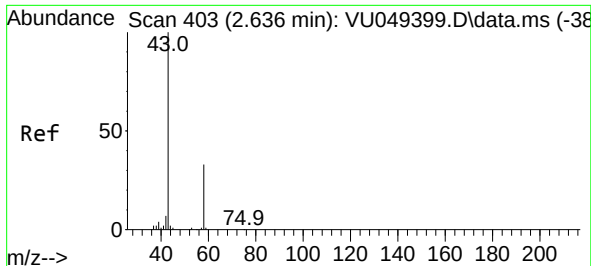
Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.332 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.132 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

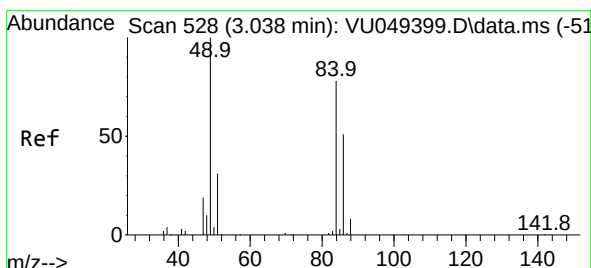
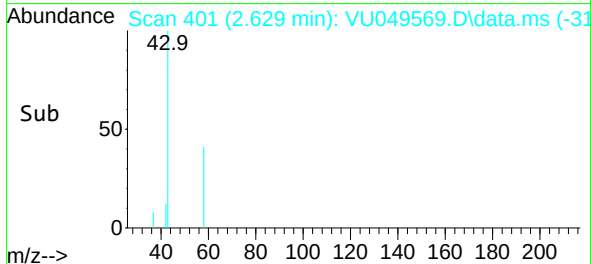
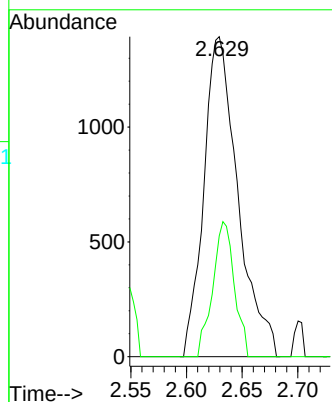
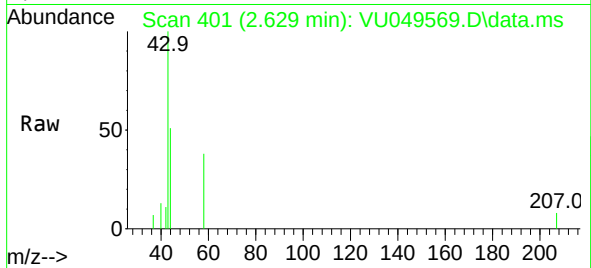




#16
Acetone
Concen: 1.641 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

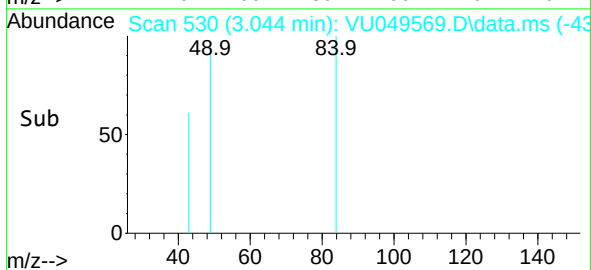
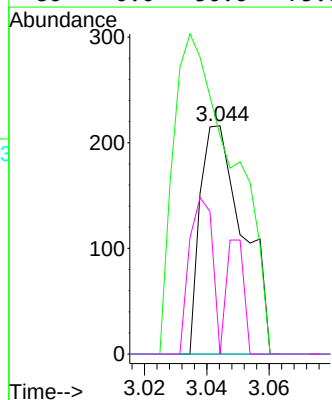
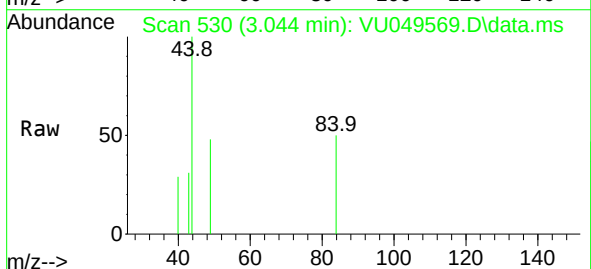
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-30

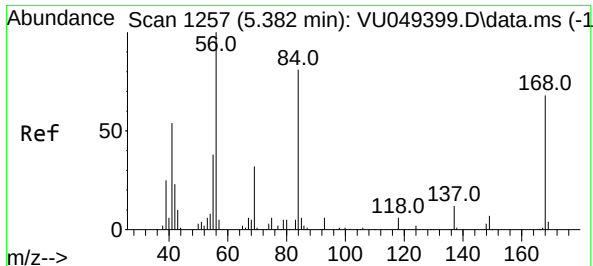
Tgt Ion: 43 Resp: 2965
Ion Ratio Lower Upper
43 100
58 37.7 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.007 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion: 84 Resp: 207
Ion Ratio Lower Upper
84 100
49 95.8 86.6 129.8
51 0.0 26.6 40.0#
86 0.0 50.6 75.8#





#31

Cyclohexane

Concen: 0.959 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.010 min

Lab File: VU049569.D

Acq: 30 Jun 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-03-30

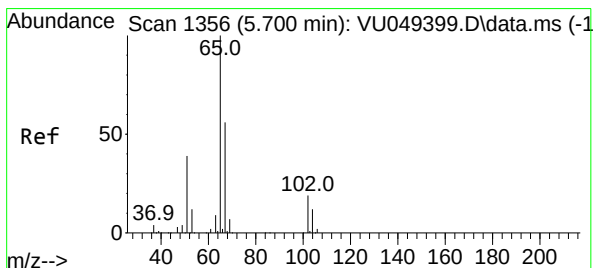
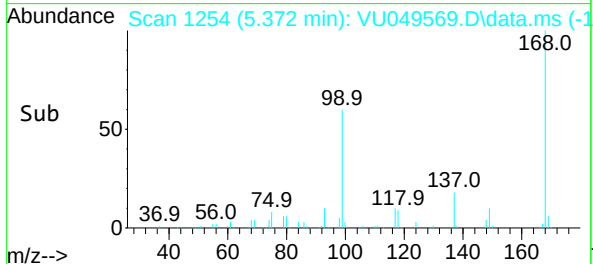
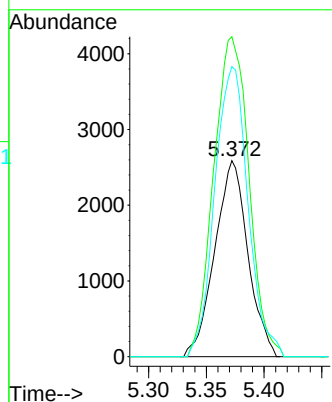
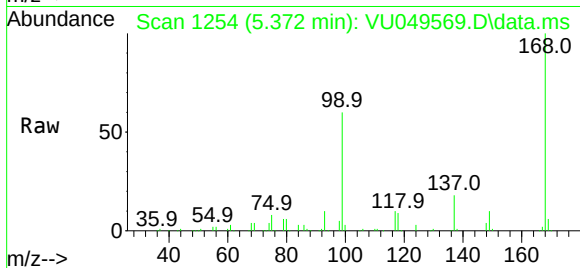
Tgt Ion: 56 Resp: 5155

Ion Ratio Lower Upper

56 100

69 163.3 27.8 41.8#

84 148.0 74.2 111.4#



#33

1,2-Dichloroethane-d4

Concen: 45.982 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049569.D

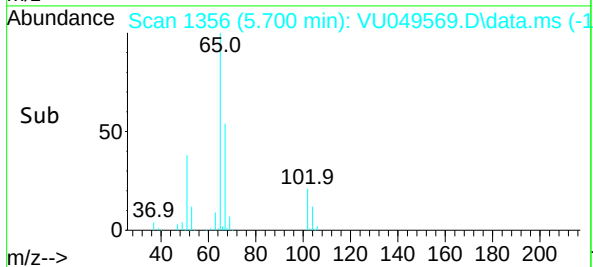
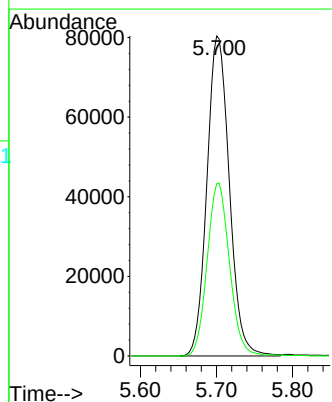
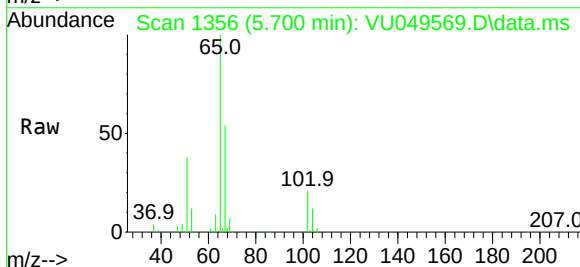
Acq: 30 Jun 2022 17:31

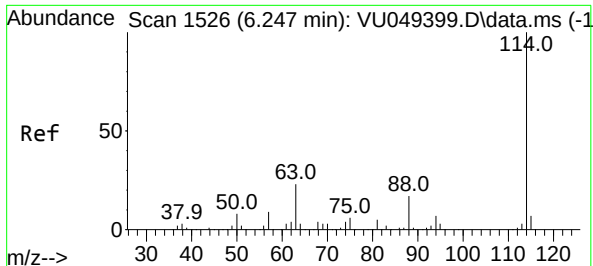
Tgt Ion: 65 Resp: 164698

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0

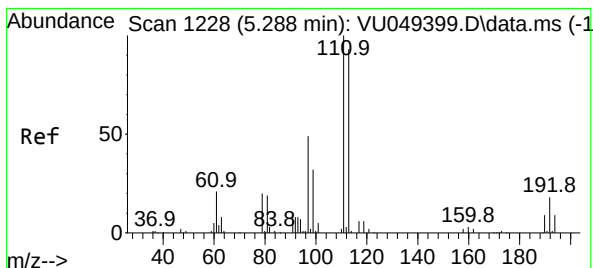
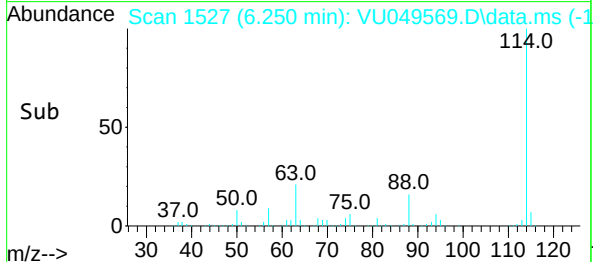
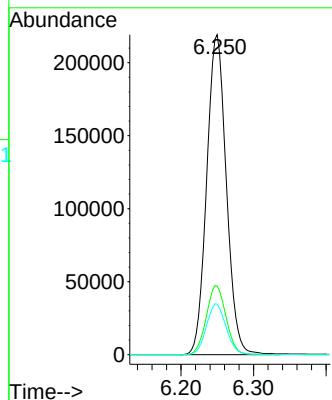
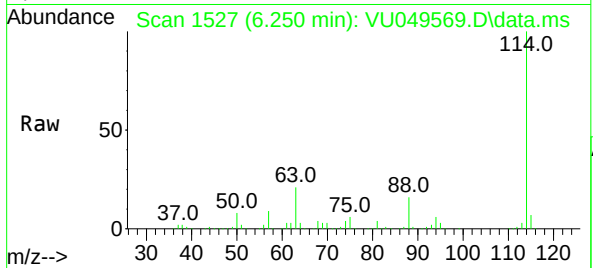




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

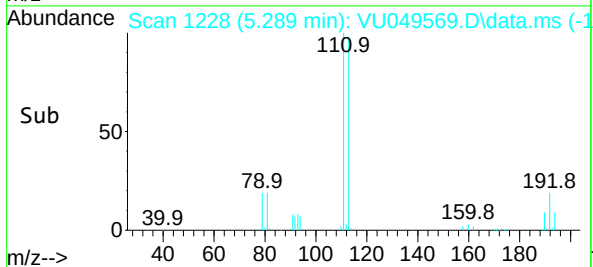
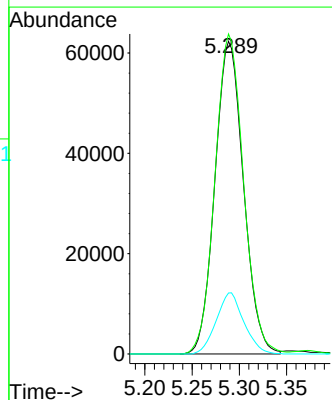
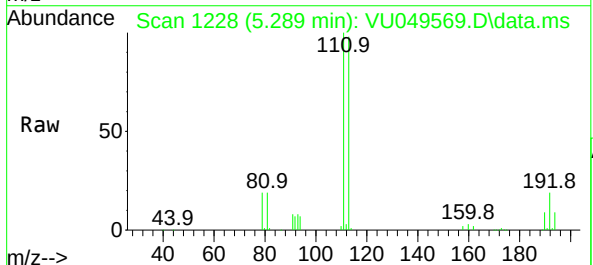
Instrument :
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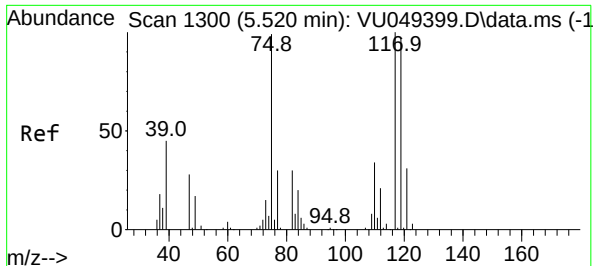
Tgt Ion:114 Resp: 412371
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.8 0.0 29.2



#35
Dibromofluoromethane
Concen: 45.368 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion:113 Resp: 130889
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 18.9 18.0 27.0

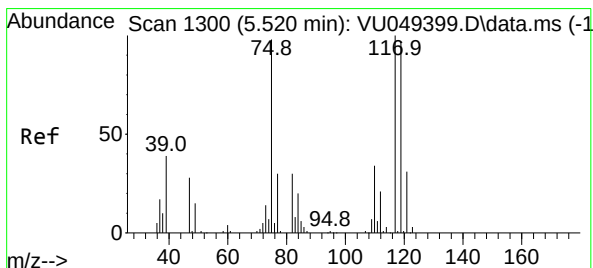
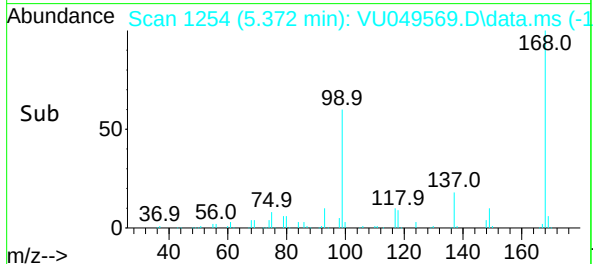
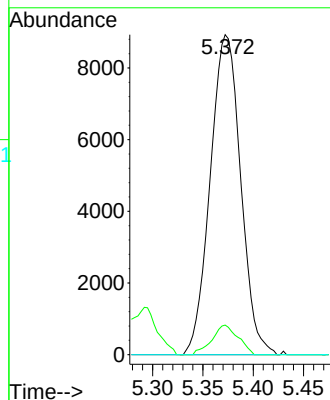
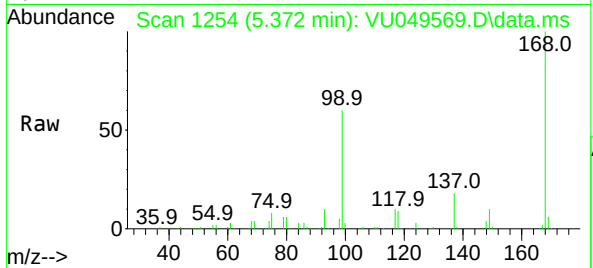




#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

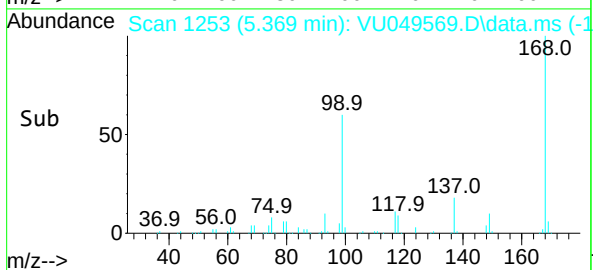
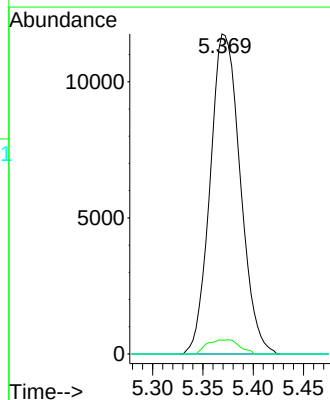
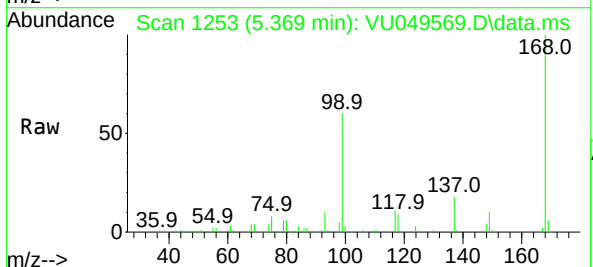
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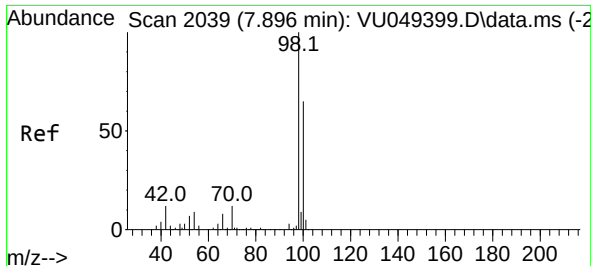
Tgt Ion: 75 Resp: 18799
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.151 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion: 117 Resp: 24462
Ion Ratio Lower Upper
117 100
119 4.4 76.8 115.2#
121 0.0 24.7 37.1#

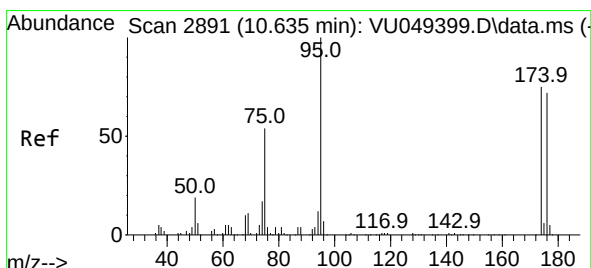
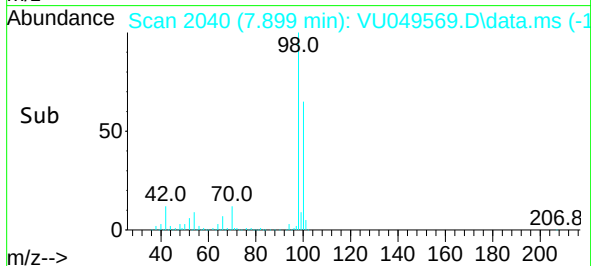
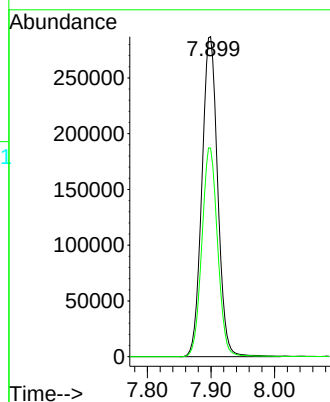
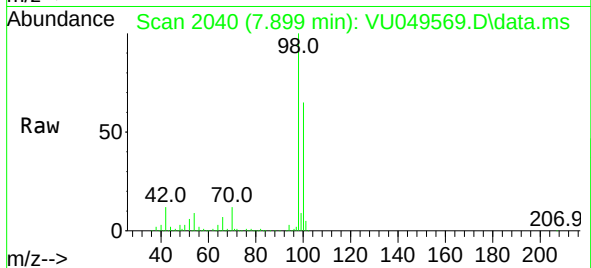




#50
Toluene-d8
Concen: 48.113 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

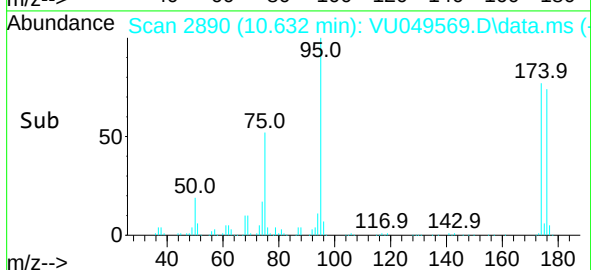
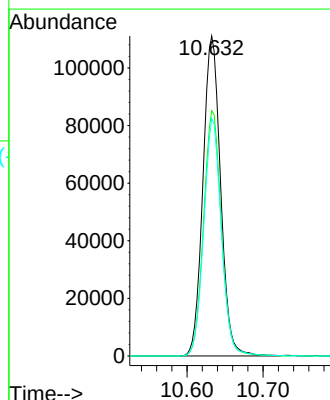
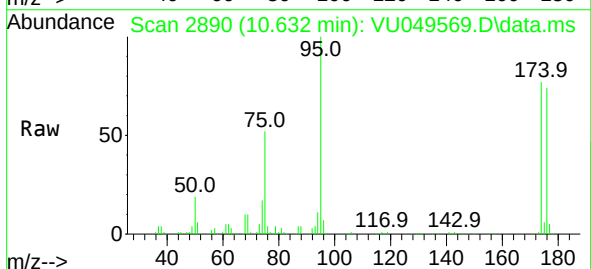
Instrument :
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152140-SPC-03-30

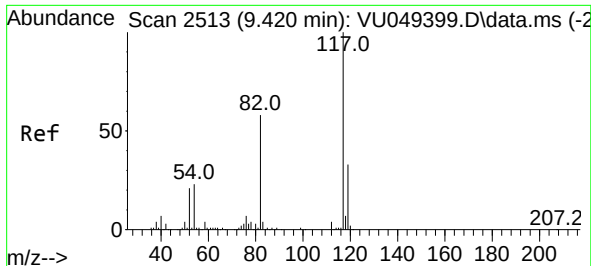
Tgt Ion: 98 Resp: 495089
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.489 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion: 95 Resp: 179312
Ion Ratio Lower Upper
95 100
174 77.2 0.0 182.0
176 74.1 0.0 177.8

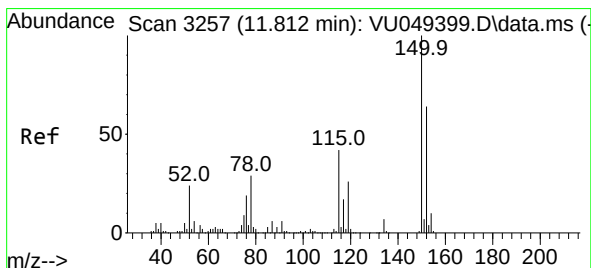
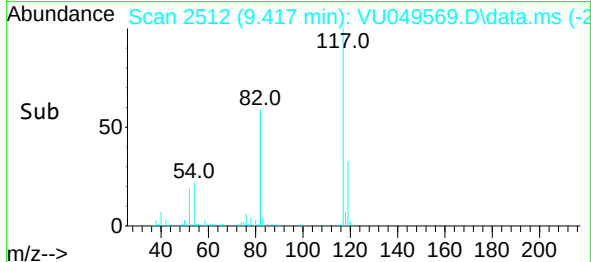
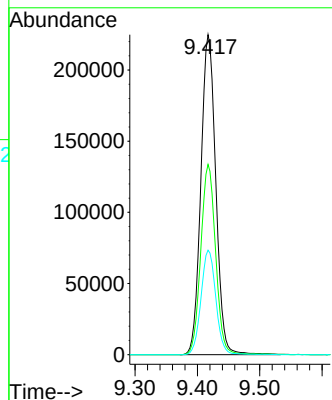
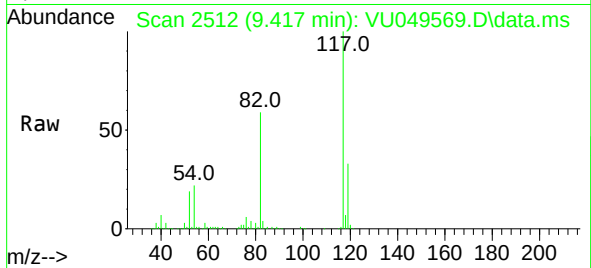




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

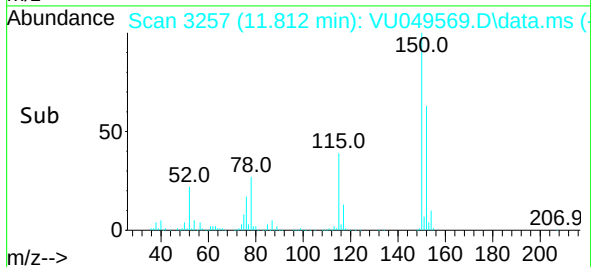
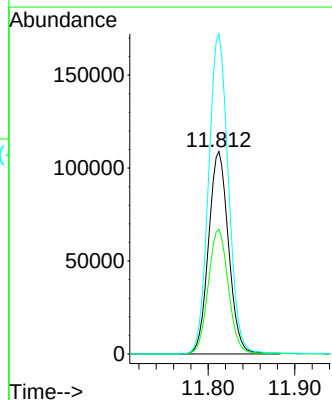
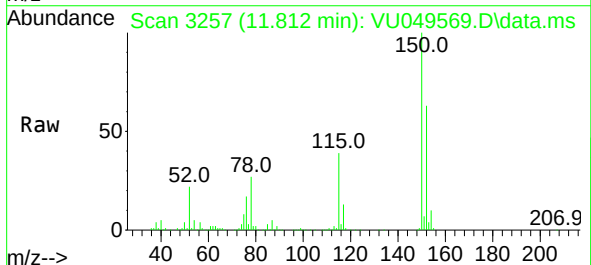
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-30

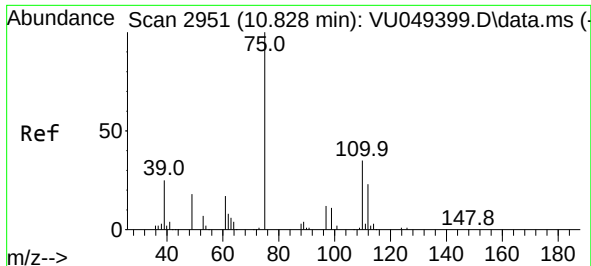
Tgt Ion:117 Resp: 374904
Ion Ratio Lower Upper
117 100
82 59.4 41.7 62.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

Tgt Ion:152 Resp: 174425
Ion Ratio Lower Upper
152 100
115 62.0 37.0 110.9
150 156.9 0.0 342.2

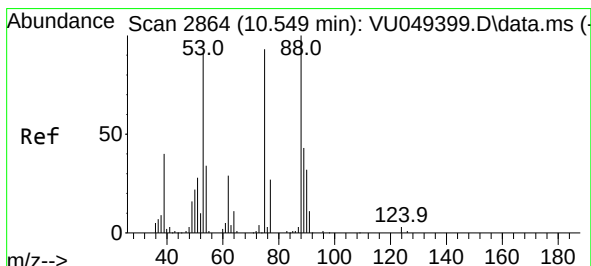
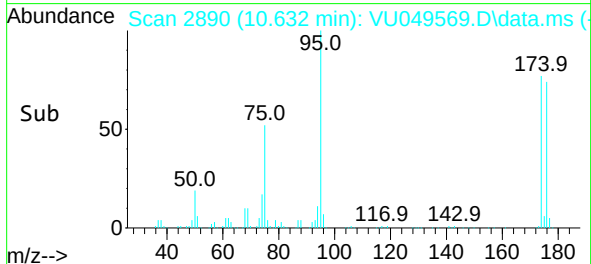
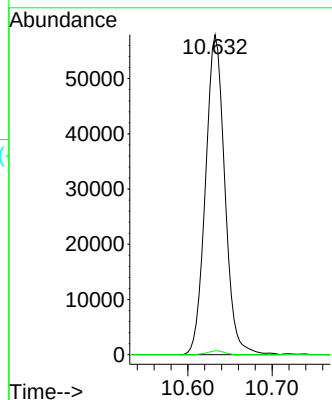
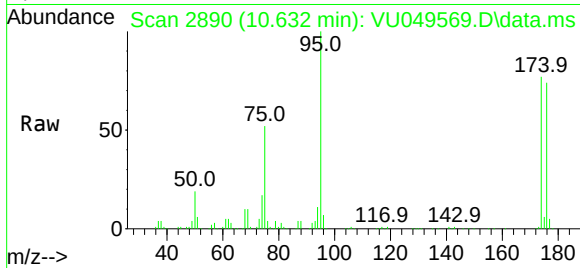




#76
1,2,3-Trichloropropane
Concen: 15.644 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

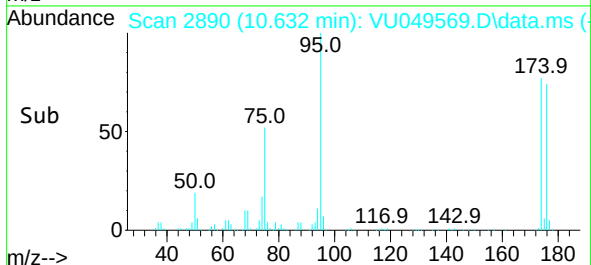
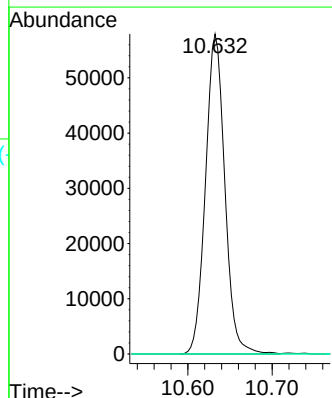
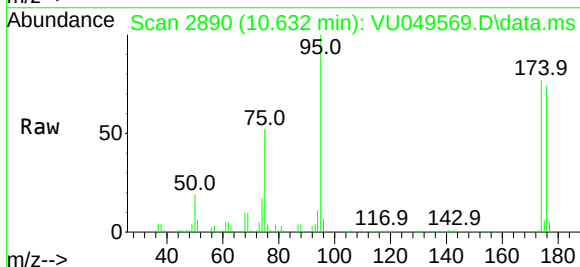
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-30

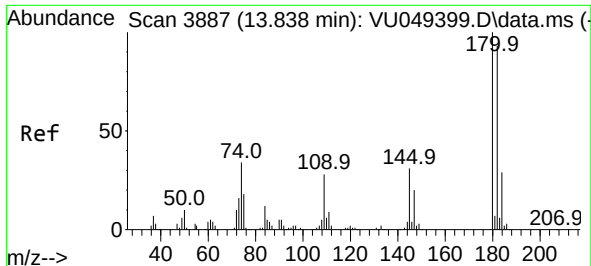
Tgt Ion: 75 Resp: 92499
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.770 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049569.D
Acq: 30 Jun 2022 17:31

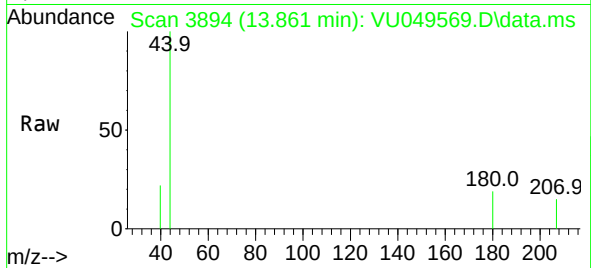
Tgt Ion: 75 Resp: 92499
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



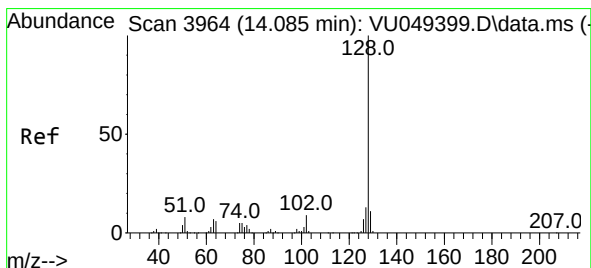
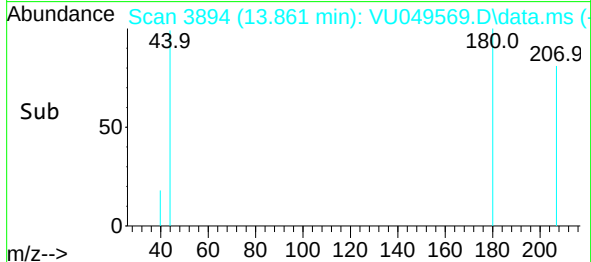
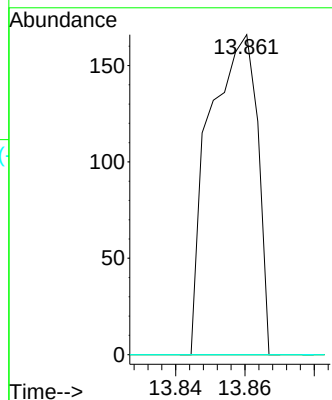


#93
 1,2,4-Trichlorobenzene
 Concen: 1.793 ug/l
 RT: 13.861 min Scan# 3894
 Delta R.T. 0.023 min
 Lab File: VU049569.D
 Acq: 30 Jun 2022 17:31

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-03-30



Tgt Ion:180 Resp: 160
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 14.0 41.9#



#95
 Naphthalene
 Concen: 1.950 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.010 min
 Lab File: VU049569.D
 Acq: 30 Jun 2022 17:31

Tgt Ion:128 Resp: 3025
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 7.6 8.6 13.0#

