

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049589.D
 Acq On : 01 Jul 2022 18:07
 Operator : SY/MD
 Sample : N3569-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-60

Quant Time: Jul 04 06:48:19 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)

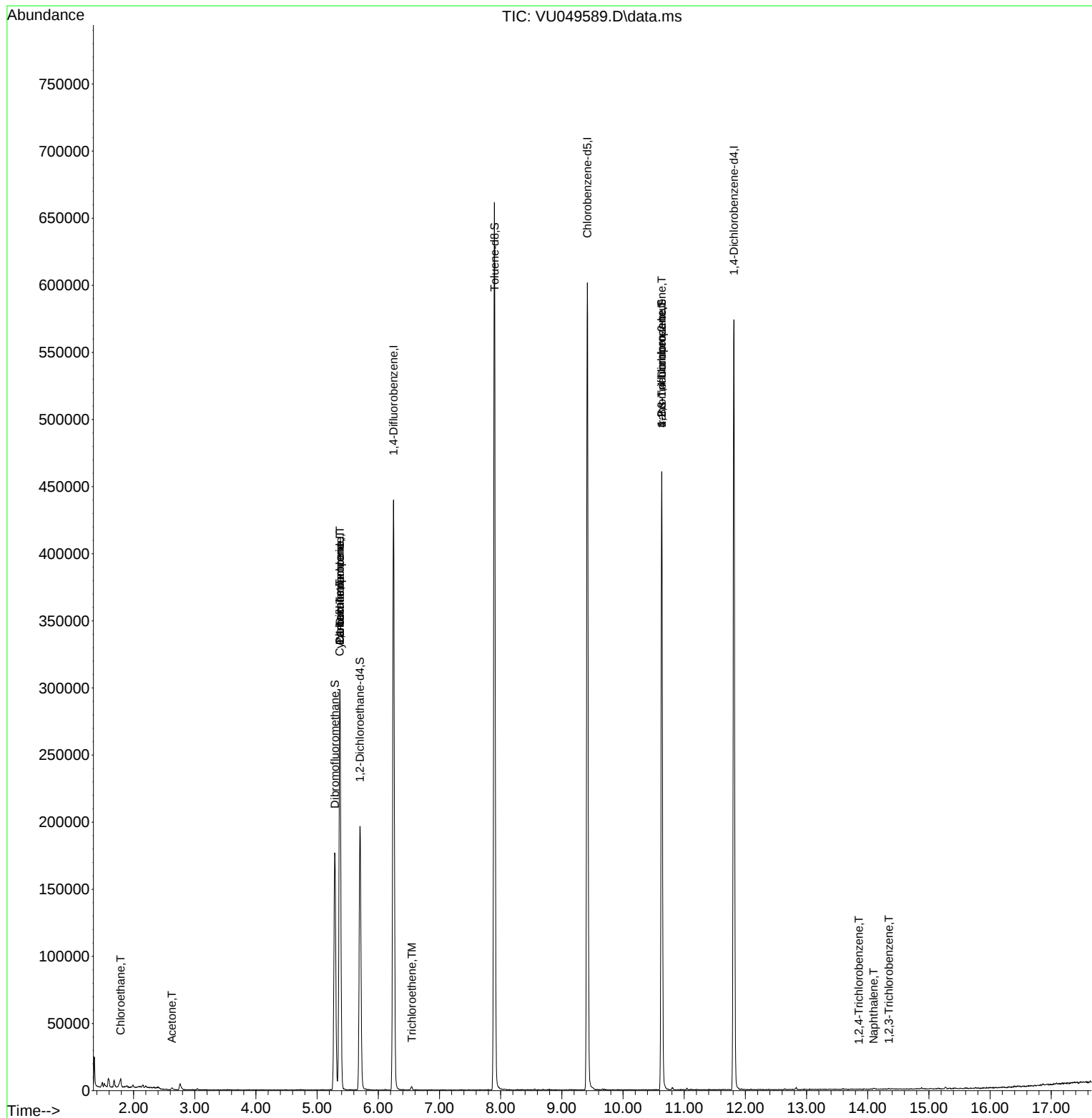
Internal Standards						
1) Pentafluorobenzene	5.372	168	200206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	348605	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	324314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	148119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	148483	48.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.320%
35) Dibromofluoromethane	5.289	113	115356	47.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	7.899	98	430620	49.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	10.632	95	152519	45.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	2619	Below Cal		95
6) Chloroethane	1.787	64	90	1.973	ug/l #	44
16) Acetone	2.626	43	1618	1.041	ug/l	100
20) Methylene Chloride	3.041	84	260	Below Cal	#	87
31) Cyclohexane	5.369	56	4580	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	16824	4.757	ug/l #	49
38) Carbon Tetrachloride	5.372	117	20368	5.492	ug/l #	15
44) Trichloroethene	6.549	130	868	0.342	ug/l	85
76) 1,2,3-Trichloropropane	10.632	75	80660	16.064	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	80660	59.323	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.854	180	47	1.768	ug/l #	60
95) Naphthalene	14.095	128	737	1.797	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.346	180	41	1.189	ug/l #	1

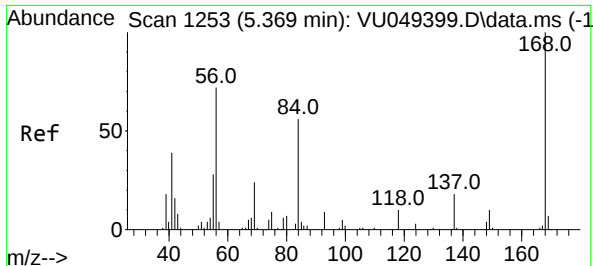
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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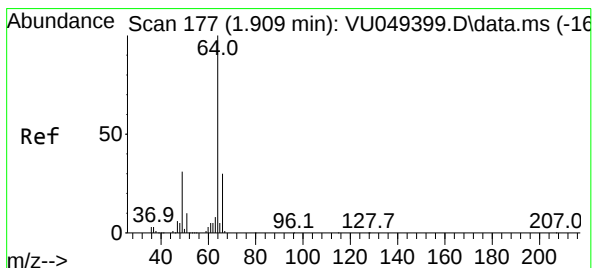
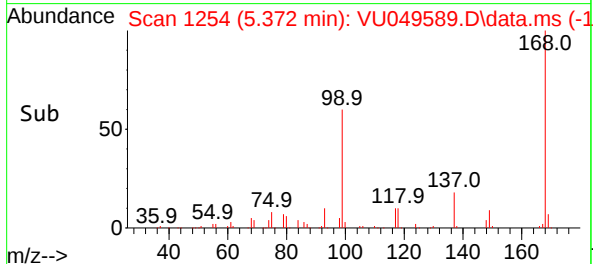
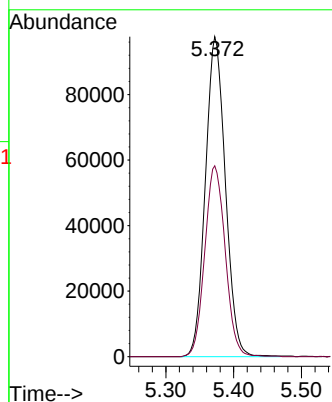
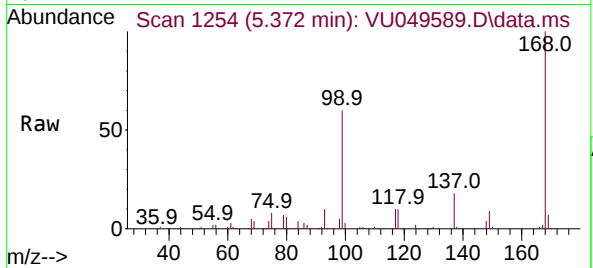




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

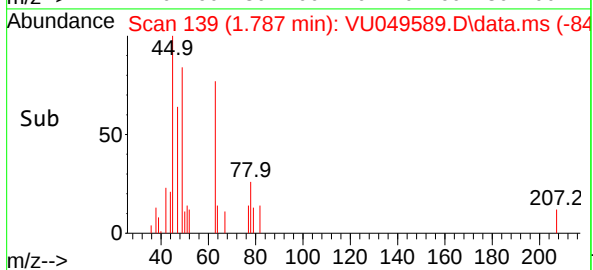
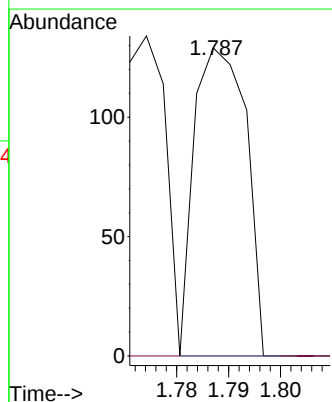
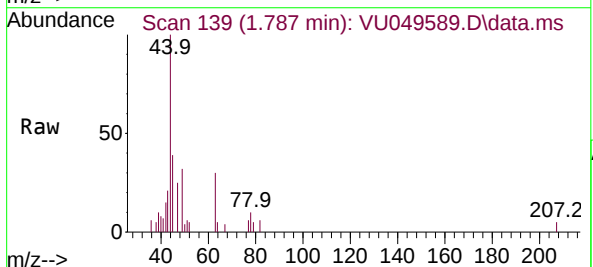
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-60

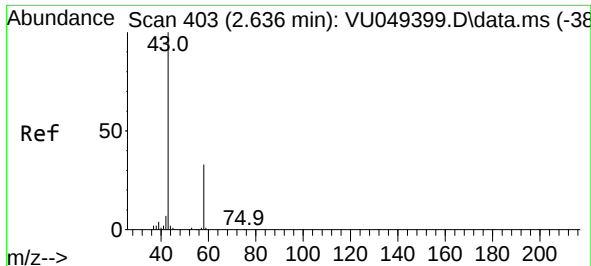
Tgt Ion:168 Resp: 200206
Ion Ratio Lower Upper
168 100
99 59.6 39.3 58.9#



#6
Chloroethane
Concen: 1.973 ug/l
RT: 1.787 min Scan# 139
Delta R.T. -0.122 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#16

Acetone

Concen: 1.041 ug/l

RT: 2.626 min Scan# 403

Delta R.T. -0.010 min

Lab File: VU049589.D

Acq: 01 Jul 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

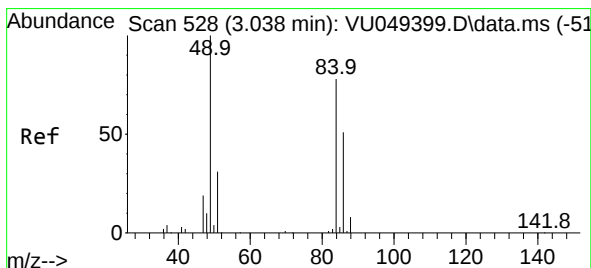
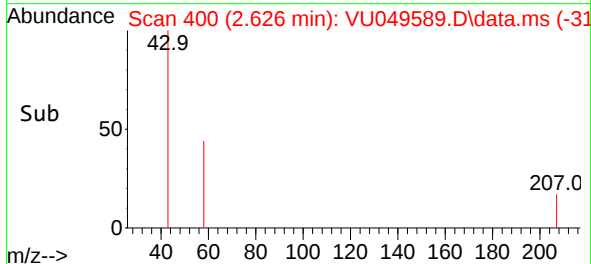
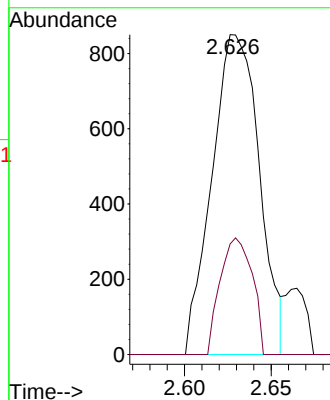
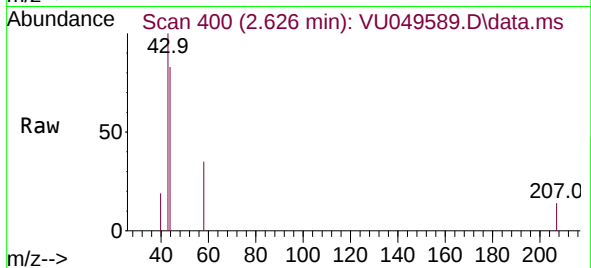
152140-SPC-09-60

Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

58 34.6 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049589.D

Acq: 01 Jul 2022 18:07

Tgt Ion: 84 Resp: 260

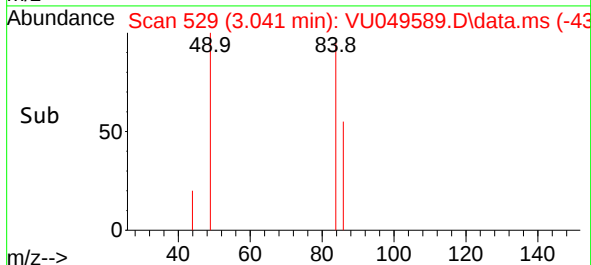
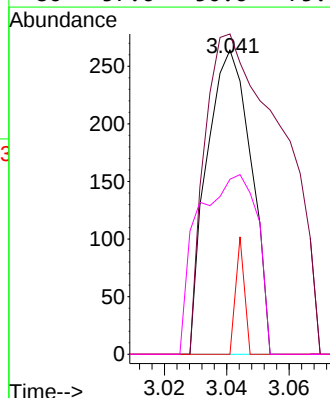
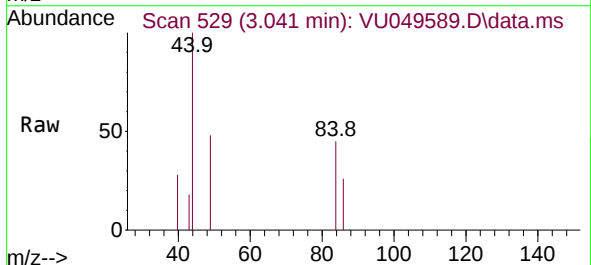
Ion Ratio Lower Upper

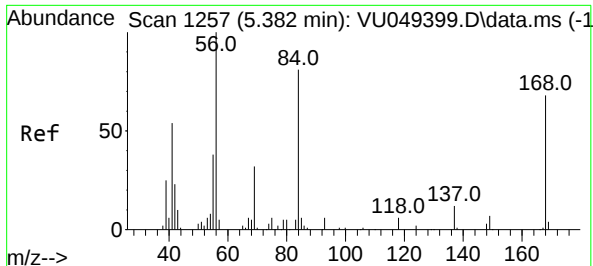
84 100

49 105.3 86.6 129.8

51 0.0 26.6 40.0#

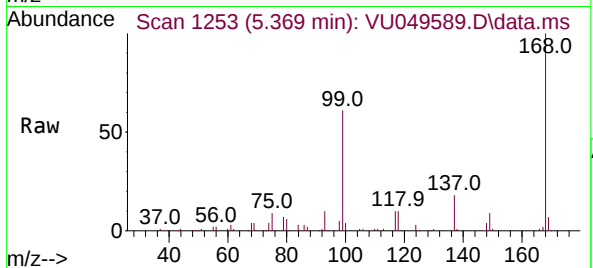
86 57.6 50.6 75.8



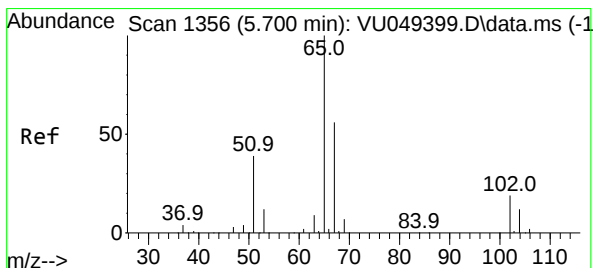
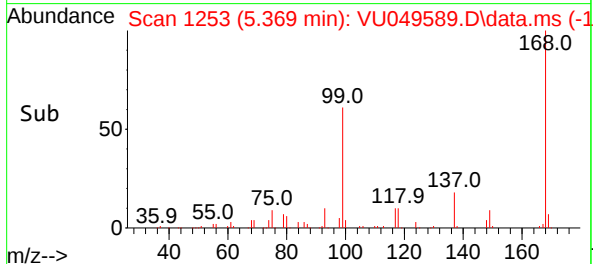
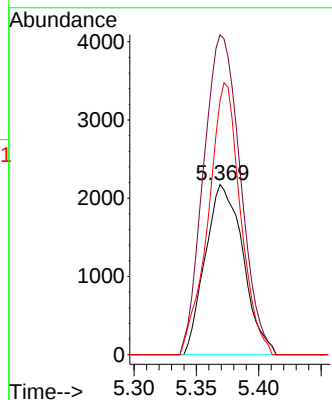


#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-60

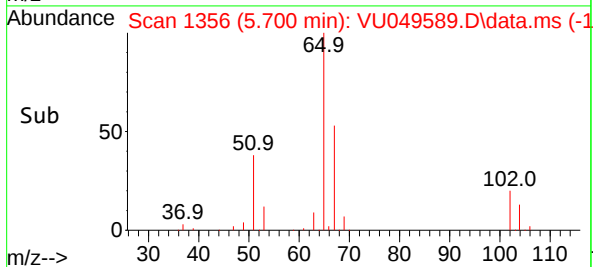
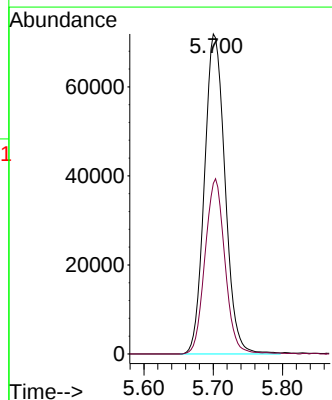
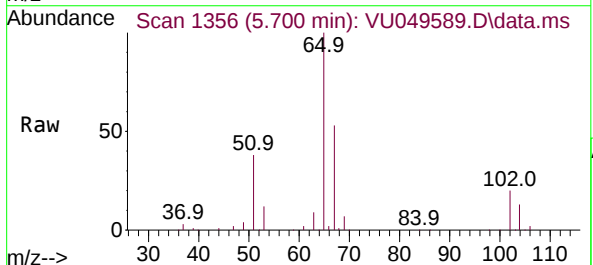


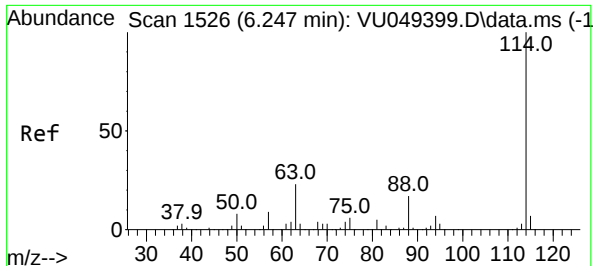
Tgt Ion: 56 Resp: 4580
Ion Ratio Lower Upper
56 100
69 188.2 27.8 41.8#
84 149.3 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 48.157 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion: 65 Resp: 148483
Ion Ratio Lower Upper
65 100
67 52.7 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: VU049589.D

Acq: 01 Jul 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-60

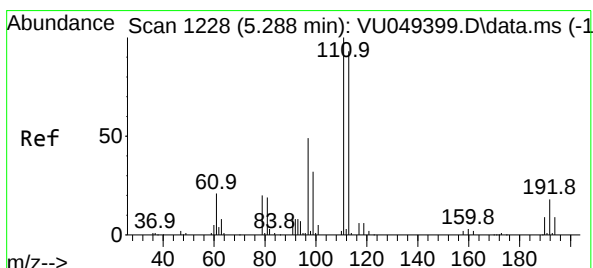
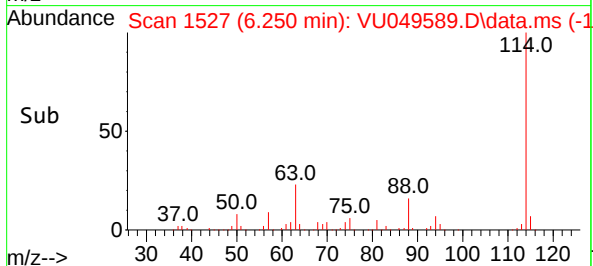
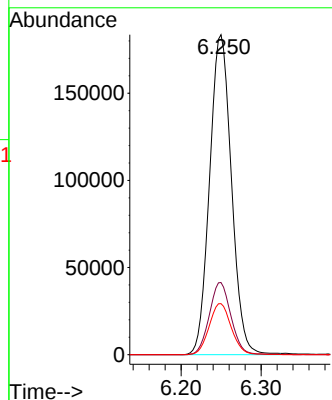
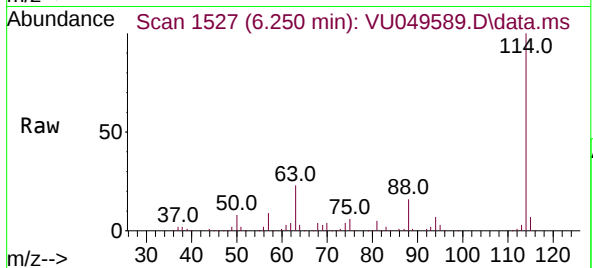
Tgt Ion:114 Resp: 348605

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 47.298 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049589.D

Acq: 01 Jul 2022 18:07

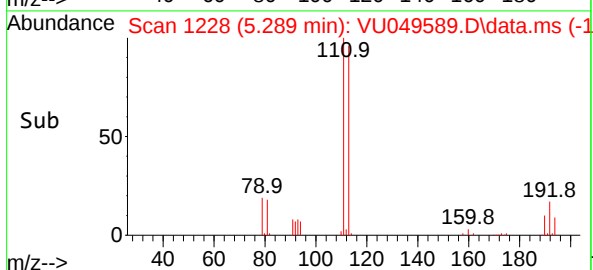
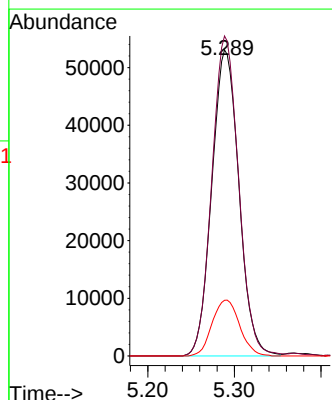
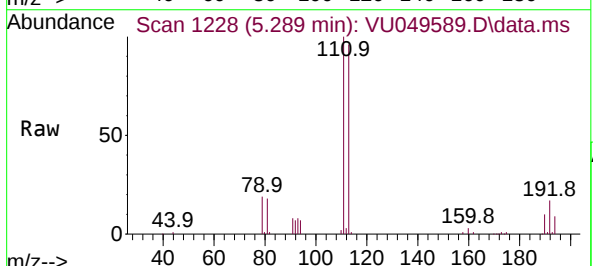
Tgt Ion:113 Resp: 115356

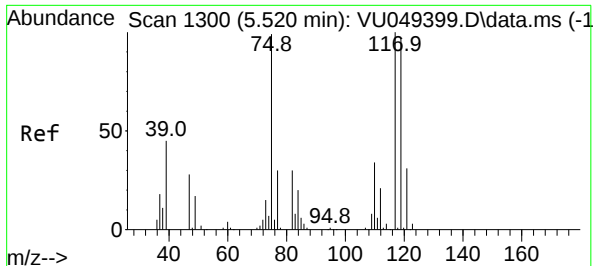
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 18.5 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049589.D

Acq: 01 Jul 2022 18:07

Instrument :

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ClientSampleId :

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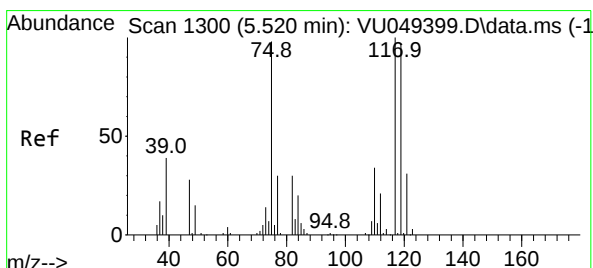
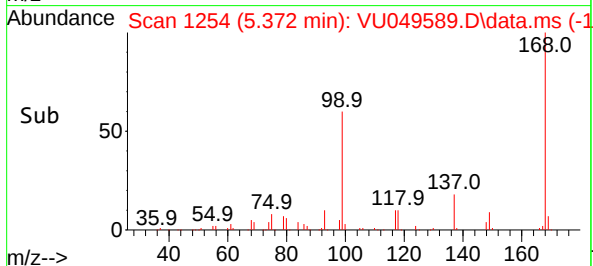
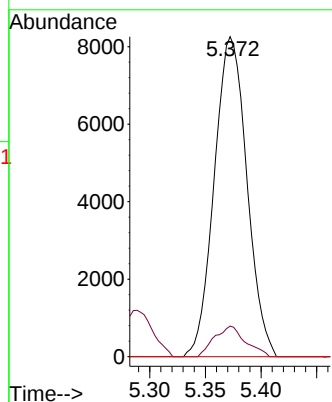
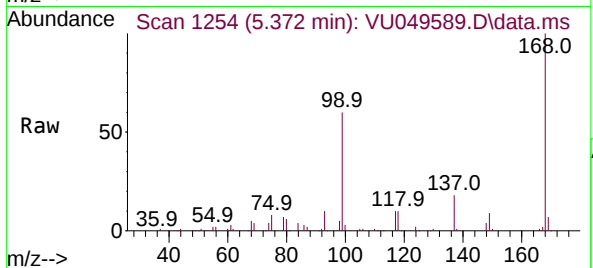
Tgt Ion: 75 Resp: 16824

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.492 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049589.D

Acq: 01 Jul 2022 18:07

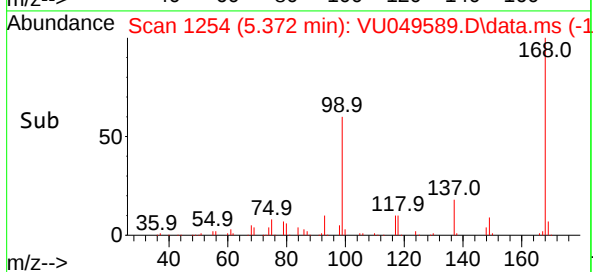
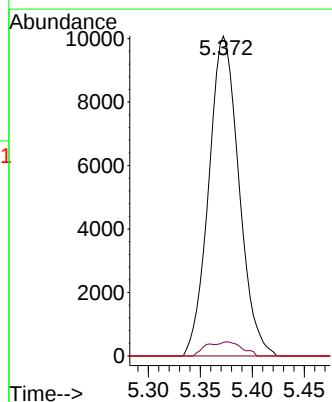
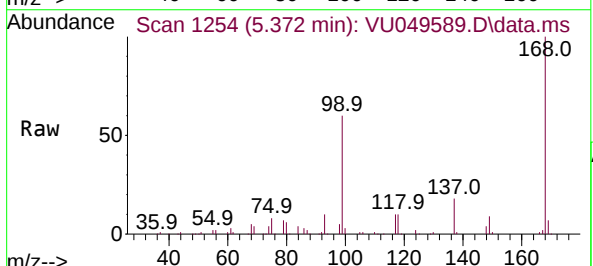
Tgt Ion: 117 Resp: 20368

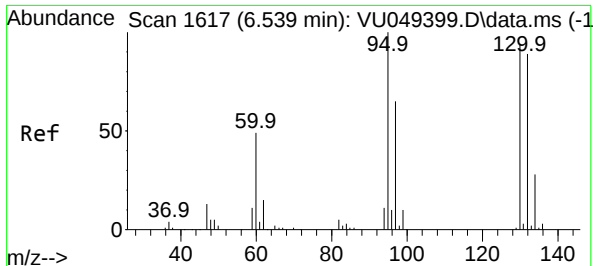
Ion Ratio Lower Upper

117 100

119 4.2 76.8 115.2#

121 0.0 24.7 37.1#

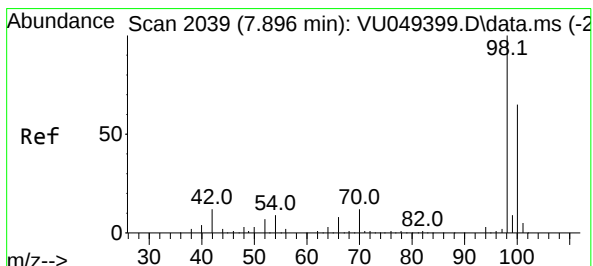
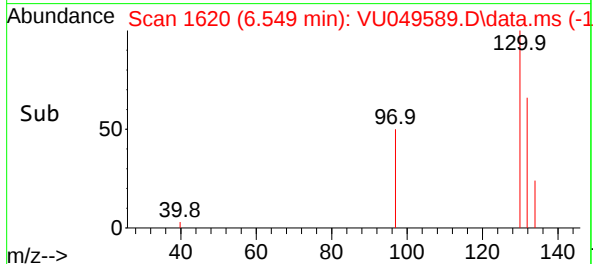
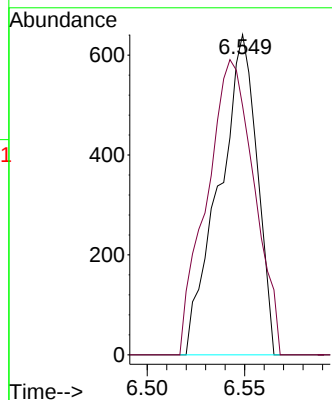
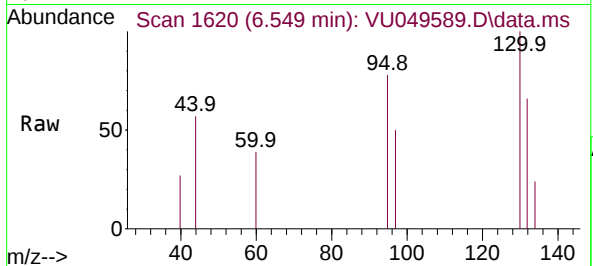




#44
Trichloroethene
Concen: 0.342 ug/l
RT: 6.549 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

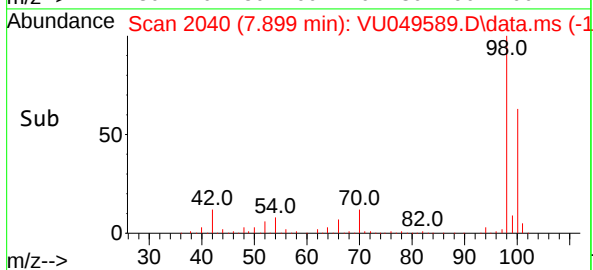
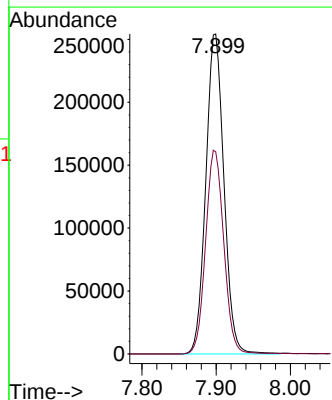
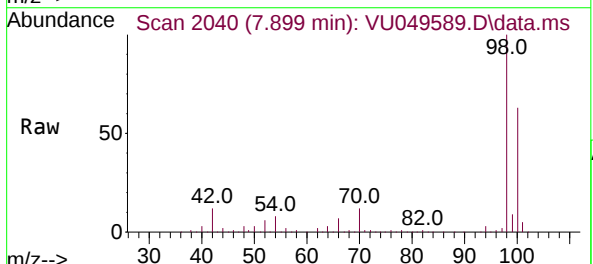
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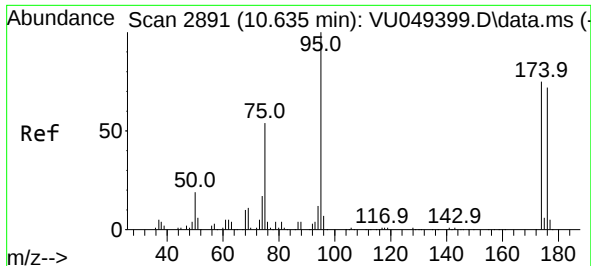
Tgt Ion:130 Resp: 868
Ion Ratio Lower Upper
130 100
95 77.7 0.0 184.6



#50
Toluene-d8
Concen: 49.502 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion: 98 Resp: 430620
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

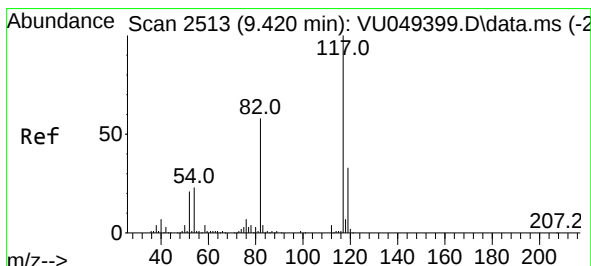
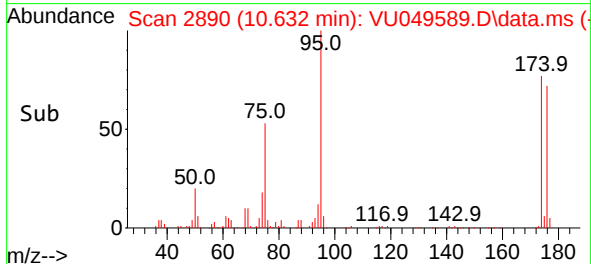
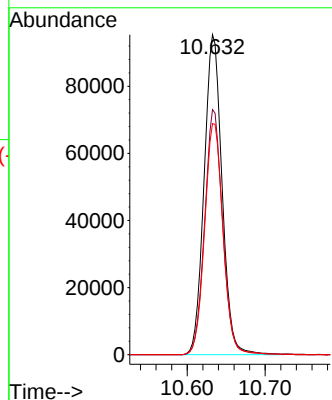
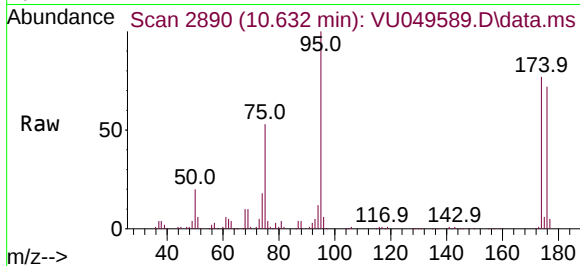




#62
4-Bromofluorobenzene
Concen: 45.770 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

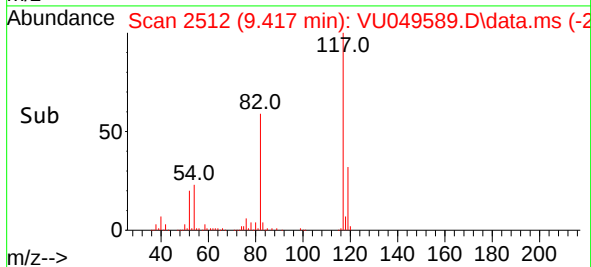
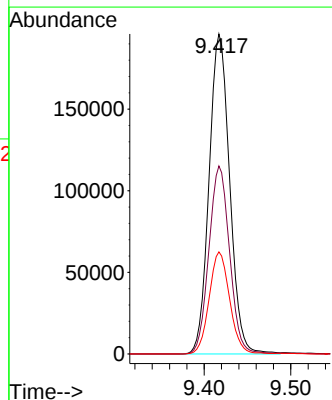
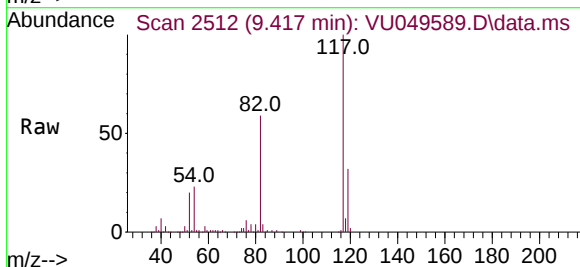
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152140-SPC-09-60

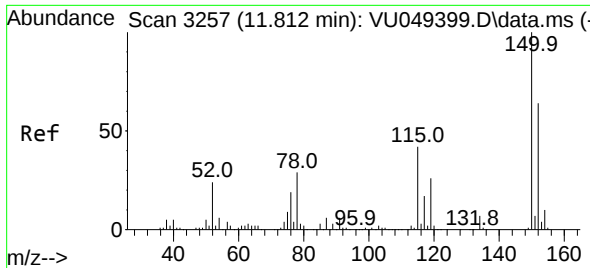
Tgt Ion: 95 Resp: 152519
Ion Ratio Lower Upper
95 100
174 76.7 0.0 182.0
176 74.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion: 117 Resp: 324314
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 31.9 25.7 38.5

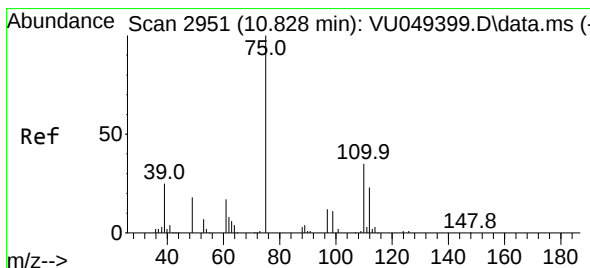
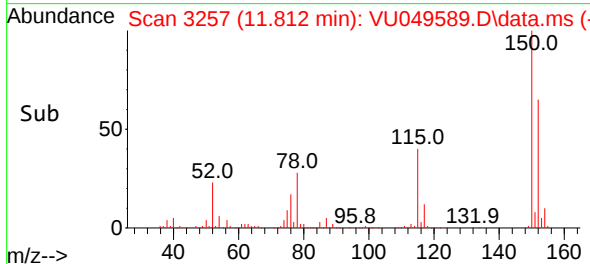
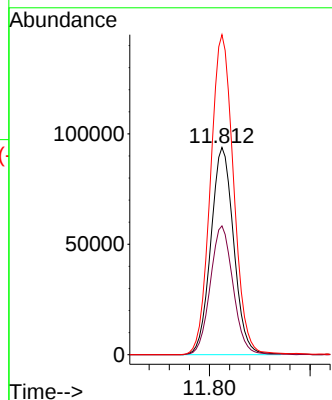
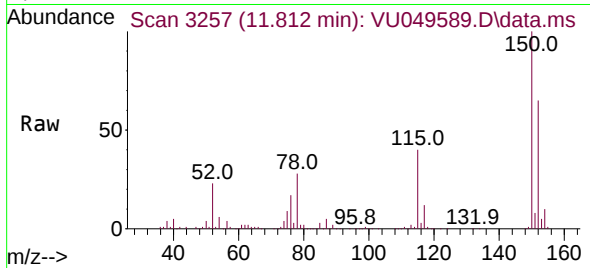




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

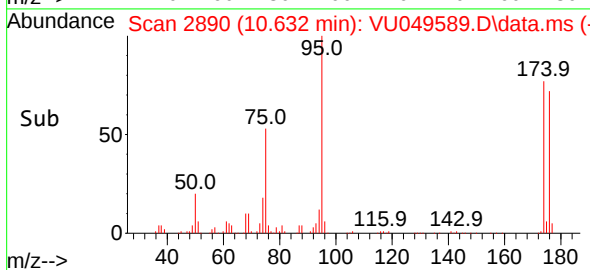
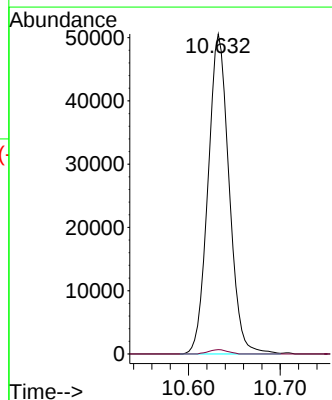
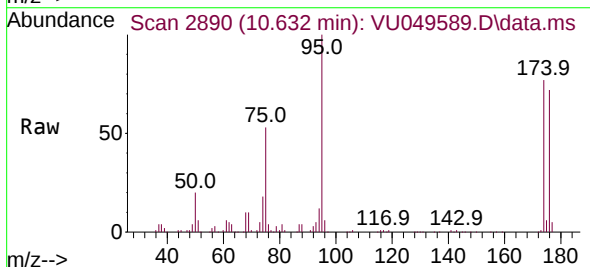
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-60

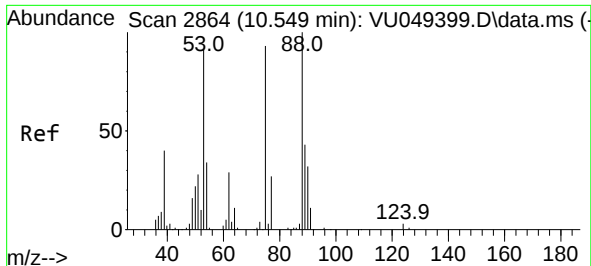
Tgt Ion:152 Resp: 148119
Ion Ratio Lower Upper
152 100
115 61.9 37.0 110.9
150 156.3 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 16.064 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion: 75 Resp: 80660
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#

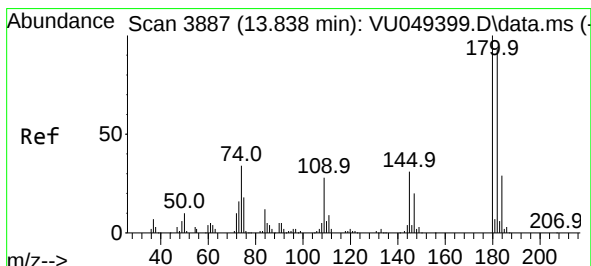
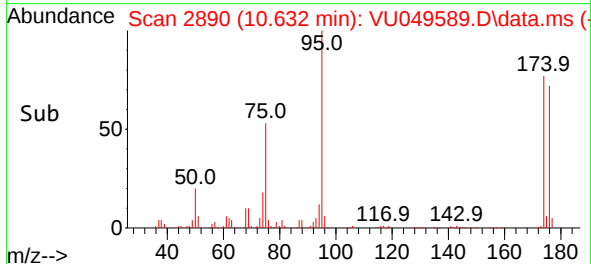
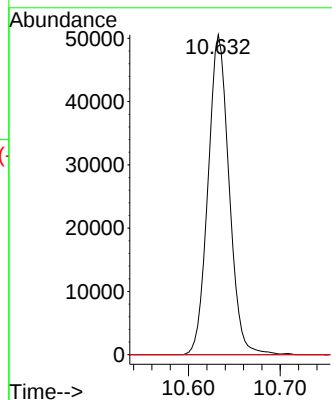
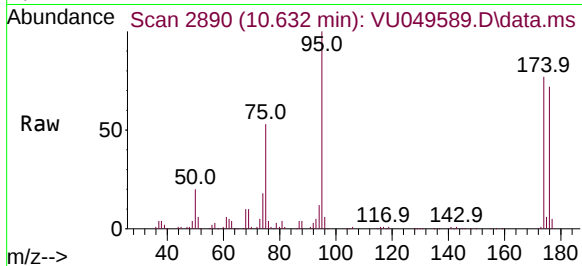




#81
trans-1,4-Dichloro-2-butene
Concen: 59.323 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

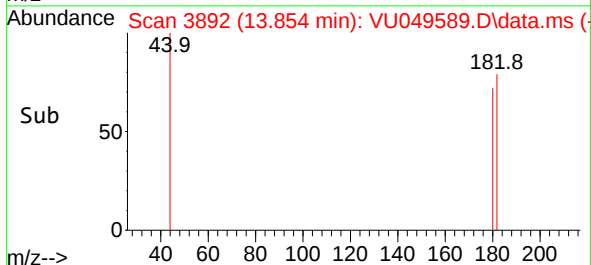
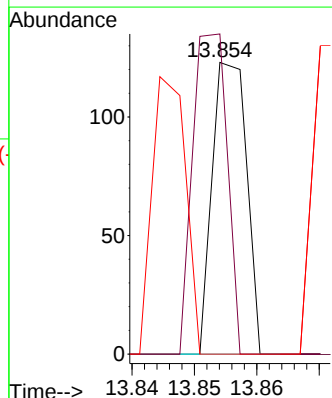
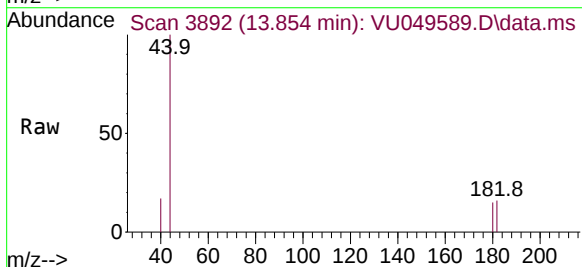
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-60

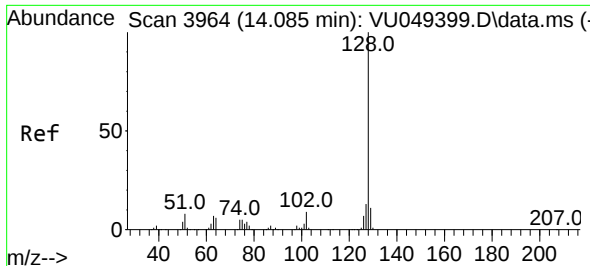
Tgt Ion: 75 Resp: 80660
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.768 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.016 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion: 180 Resp: 47
Ion Ratio Lower Upper
180 100
182 110.6 47.9 143.6
145 93.6 14.0 41.9#

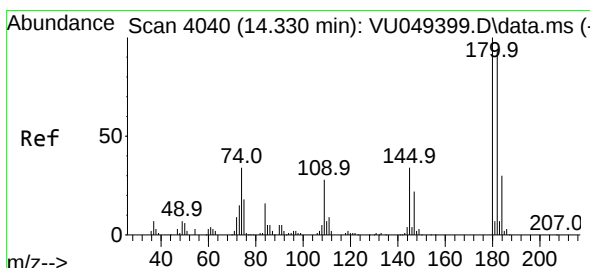
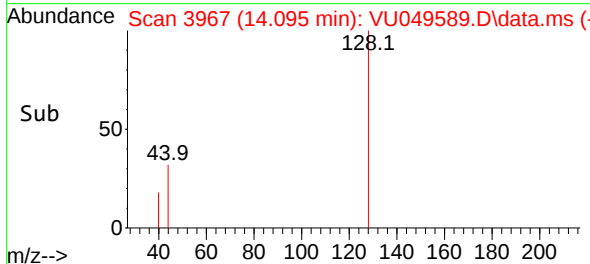
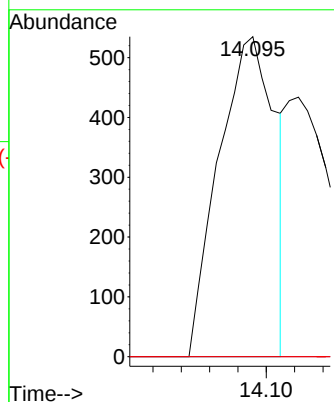
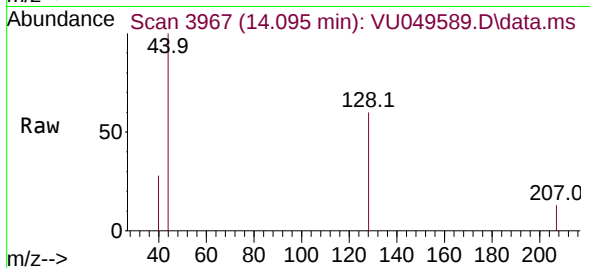




#95
Naphthalene
Concen: 1.797 ug/l
RT: 14.095 min Scan# 3964
Delta R.T. 0.010 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-60

Tgt Ion:128 Resp: 737
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.189 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.016 min
Lab File: VU049589.D
Acq: 01 Jul 2022 18:07

Tgt Ion:180 Resp: 41
Ion Ratio Lower Upper
180 100
182 348.8 48.4 145.0#
145 870.7 14.8 44.4#

