

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049561.D
 Acq On : 30 Jun 2022 14:21
 Operator : SY/MD
 Sample : N3507-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TT163S1-20220624

Quant Time: Jul 01 05:25:14 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)

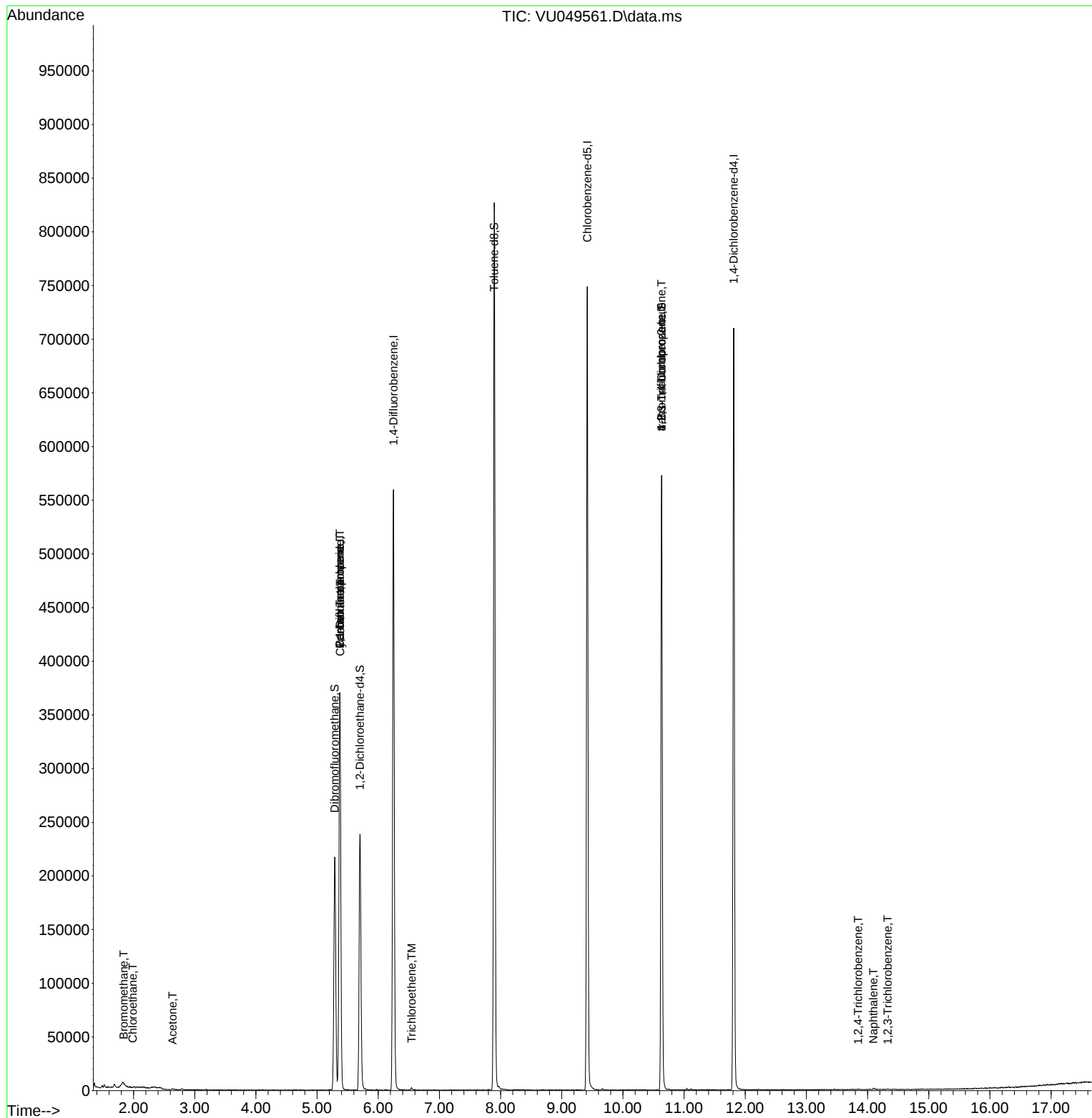
Internal Standards						
1) Pentafluorobenzene	5.372	168	252805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	447959	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	410218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	179245	46.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.080%
35) Dibromofluoromethane	5.288	113	141946	45.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.580%
50) Toluene-d8	7.896	98	537450	48.080	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	10.632	95	196273	45.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%
Target Compounds						
3) Chloromethane	1.520	50	2336	Below Cal		Qvalue 94
5) Bromomethane	1.838	94	301	0.237	ug/l #	4
6) Chloroethane	1.986	64	43	1.937	ug/l #	44
16) Acetone	2.639	43	1193	0.608	ug/l #	87
20) Methylene Chloride	3.051	84	54	Below Cal	#	19
31) Cyclohexane	5.375	56	5260	0.900	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20804	4.578	ug/l #	48
38) Carbon Tetrachloride	5.372	117	25659	5.384	ug/l #	15
44) Trichloroethene	6.546	130	738	0.226	ug/l	83
76) 1,2,3-Trichloropropane	10.632	75	99281	15.690	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	99281	57.943	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.844	180	163	1.791	ug/l #	38
95) Naphthalene	14.095	128	1690	1.848	ug/l #	75
96) 1,2,3-Trichlorobenzene	14.330	180	318	1.249	ug/l #	66

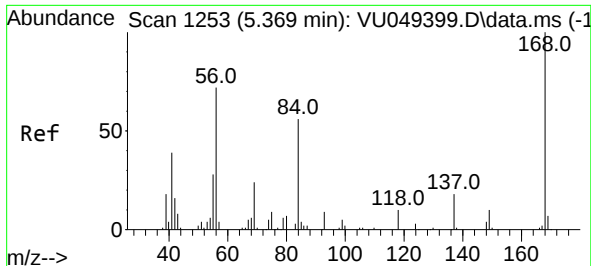
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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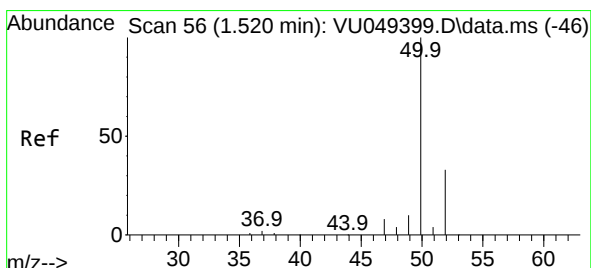
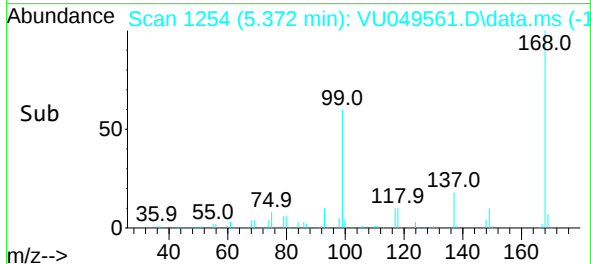
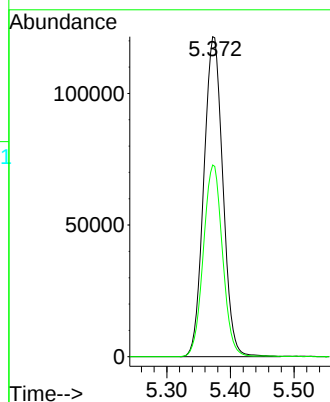
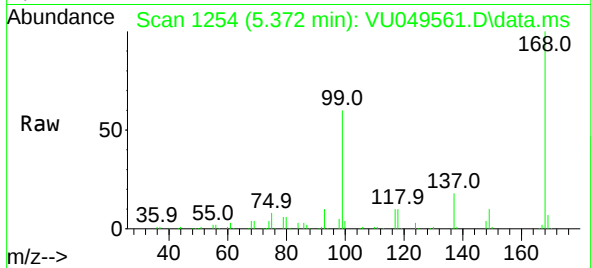




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

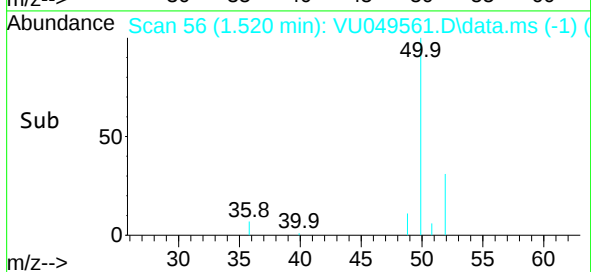
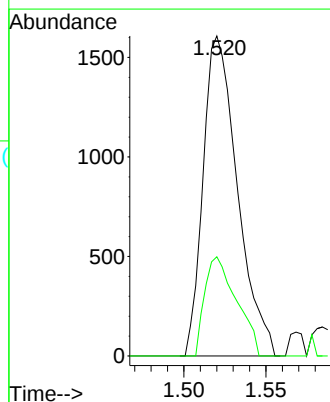
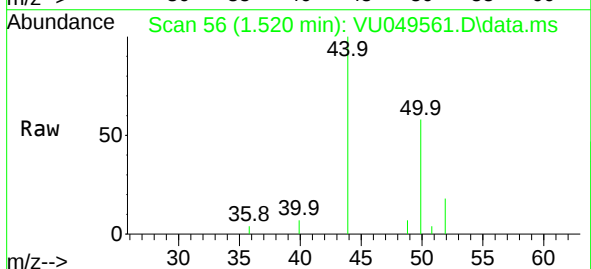
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

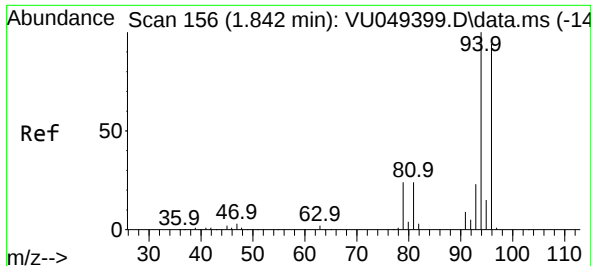
Tgt Ion:168 Resp: 252805
Ion Ratio Lower Upper
168 100
99 59.9 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 50 Resp: 2336
Ion Ratio Lower Upper
50 100
52 31.0 27.4 41.2

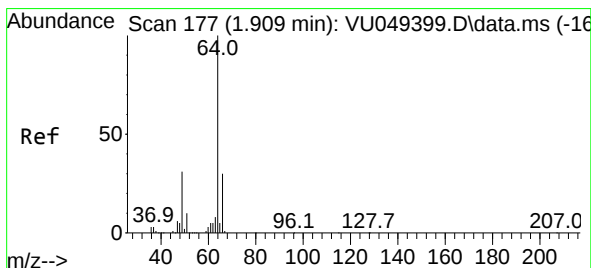
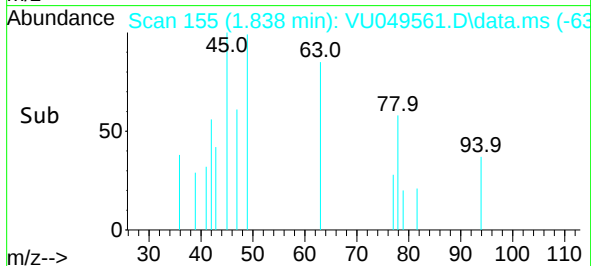
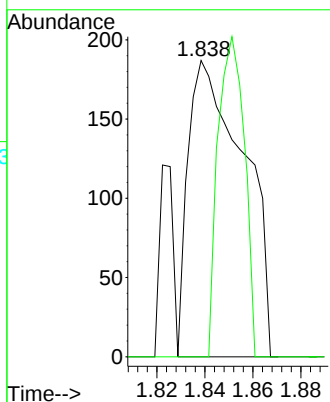
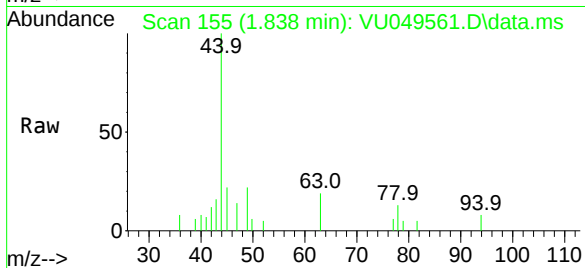




#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.838 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

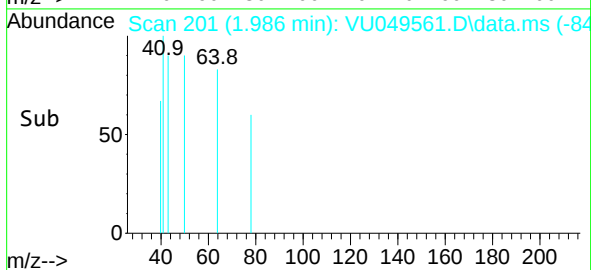
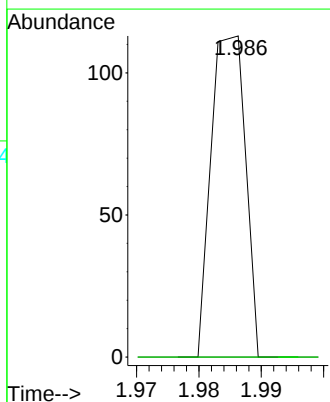
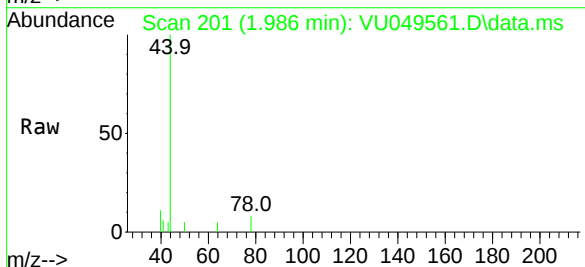
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

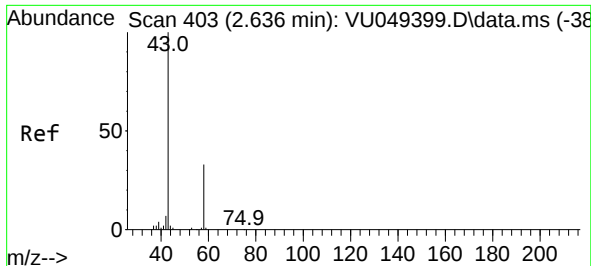
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: 1.937 ug/l
RT: 1.986 min Scan# 201
Delta R.T. 0.077 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#16

Acetone

Concen: 0.608 ug/l

RT: 2.639 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU049561.D

Acq: 30 Jun 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

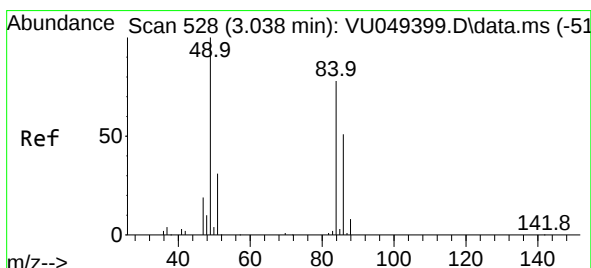
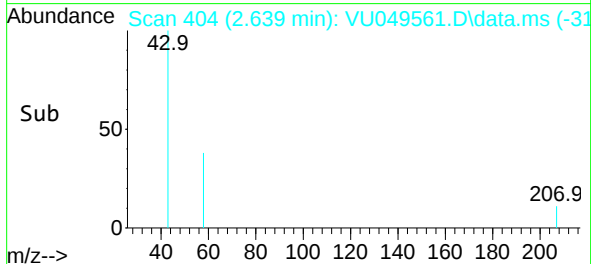
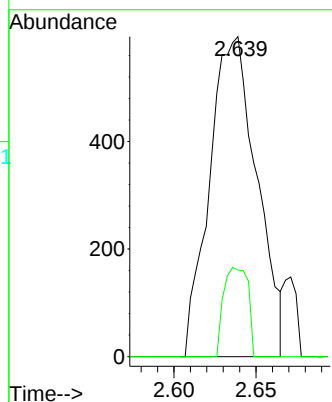
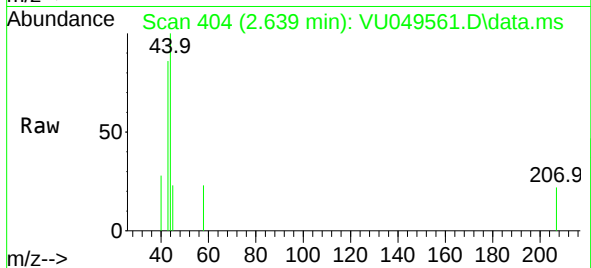
TT163S1-20220624

Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

43 100

58 27.1 27.5 41.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.051 min Scan# 532

Delta R.T. 0.013 min

Lab File: VU049561.D

Acq: 30 Jun 2022 14:21

Tgt Ion: 84 Resp: 54

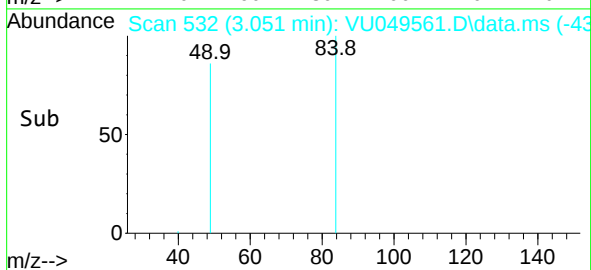
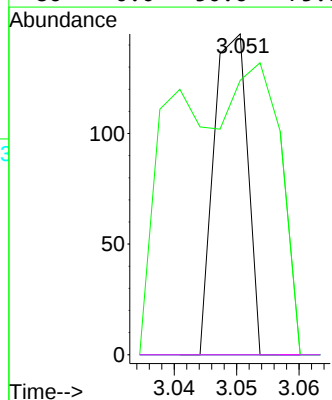
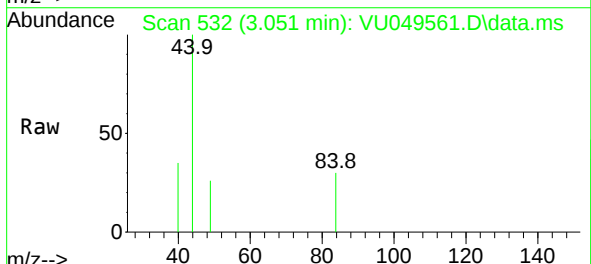
Ion Ratio Lower Upper

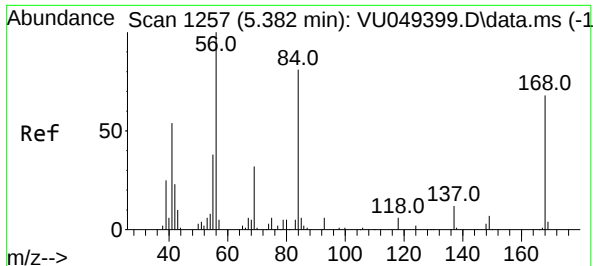
84 100

49 15.9 86.6 129.8#

51 0.0 26.6 40.0#

86 0.0 50.6 75.8#





#31

Cyclohexane

Concen: 0.900 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VU049561.D

Acq: 30 Jun 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

TT163S1-20220624

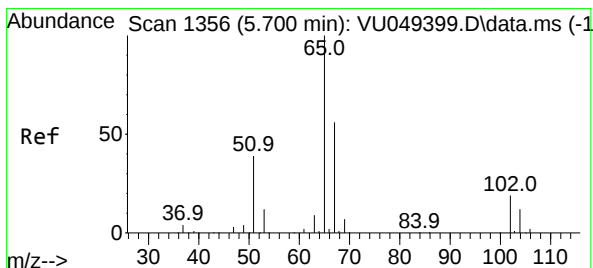
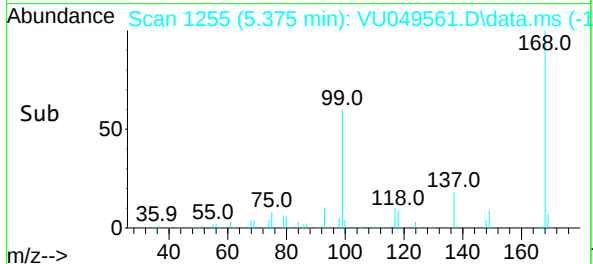
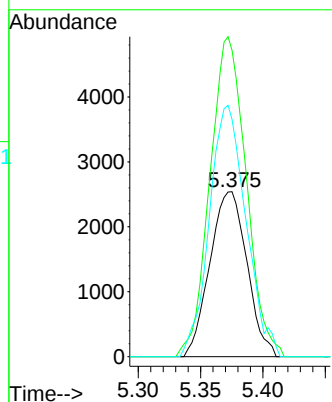
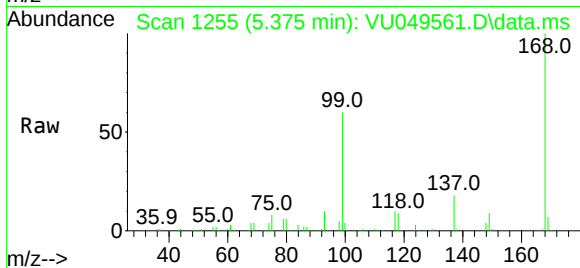
Tgt Ion: 56 Resp: 5260

Ion Ratio Lower Upper

56 100

69 181.8 27.8 41.8#

84 143.9 74.2 111.4#



#33

1,2-Dichloroethane-d4

Concen: 46.039 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049561.D

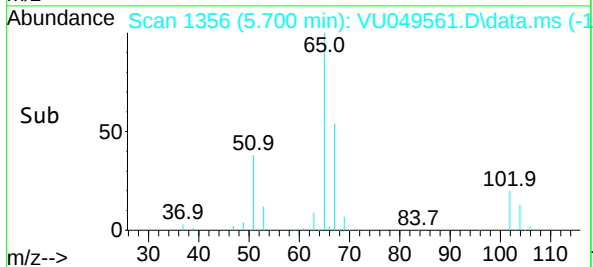
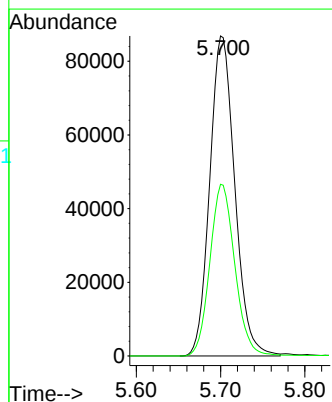
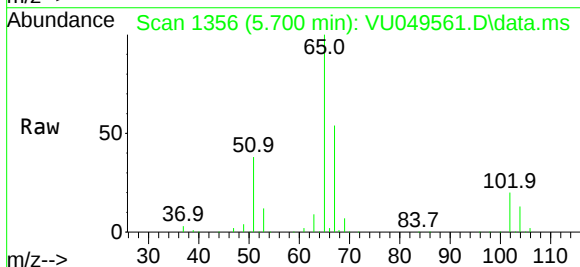
Acq: 30 Jun 2022 14:21

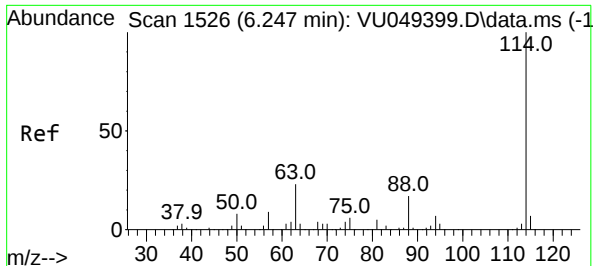
Tgt Ion: 65 Resp: 179245

Ion Ratio Lower Upper

65 100

67 53.5 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: VU049561.D

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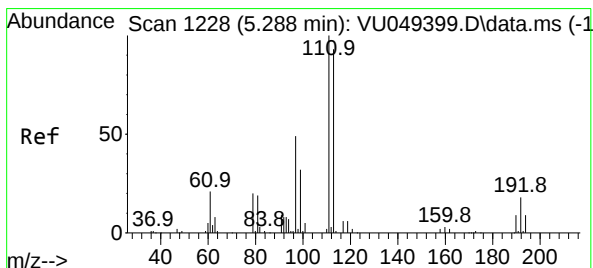
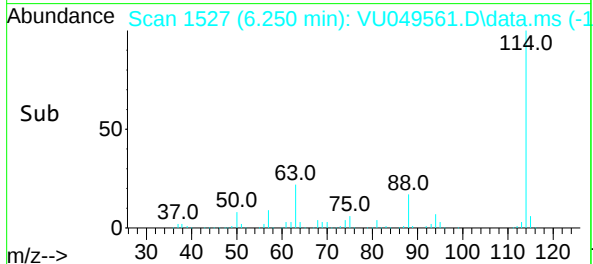
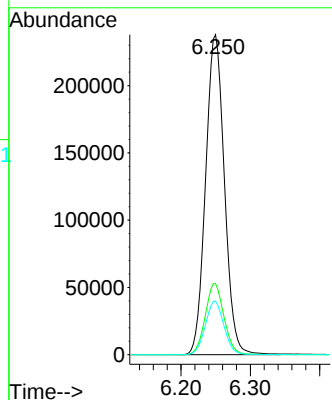
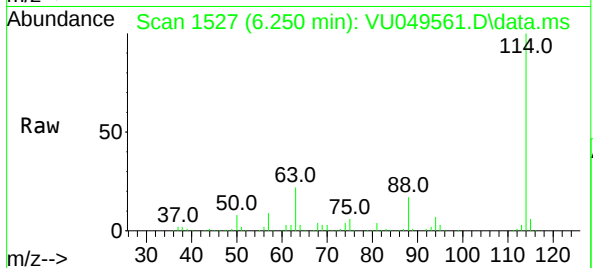
Tgt Ion:114 Resp: 447959

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 16.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.292 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049561.D

Acq: 30 Jun 2022 14:21

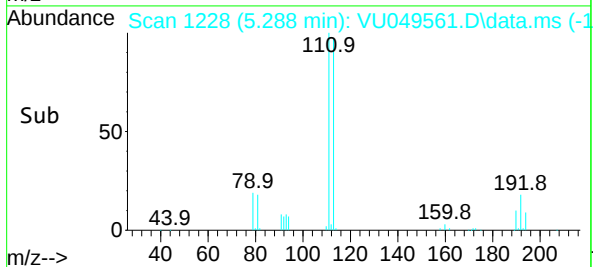
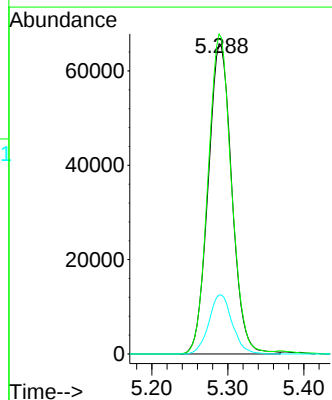
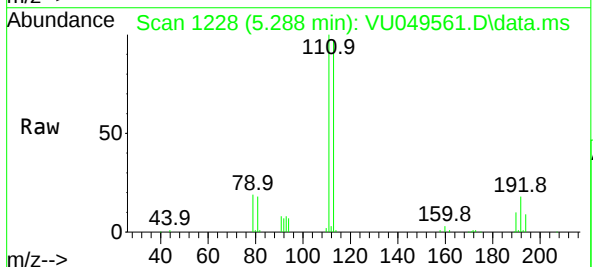
Tgt Ion:113 Resp: 141946

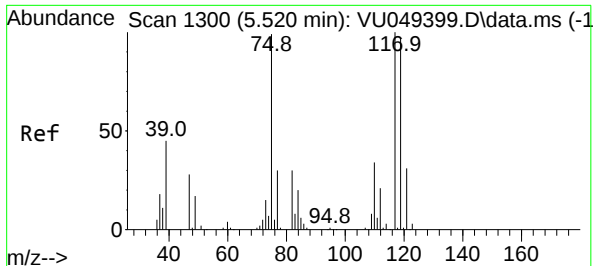
Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 18.8 18.0 27.0

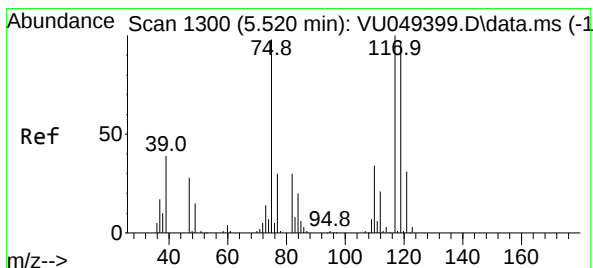
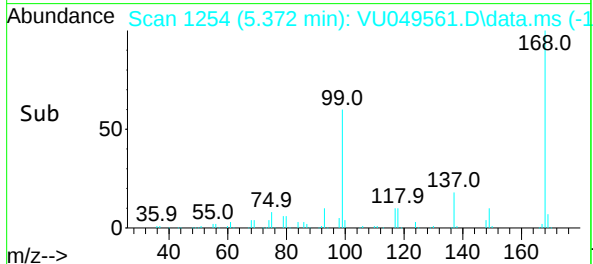
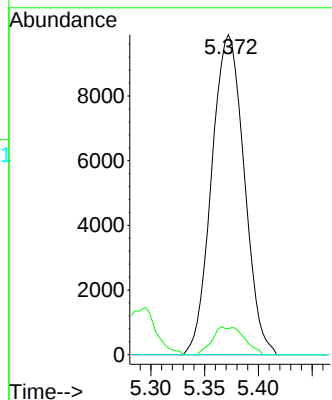
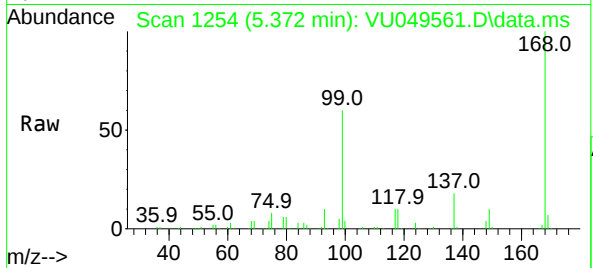




#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

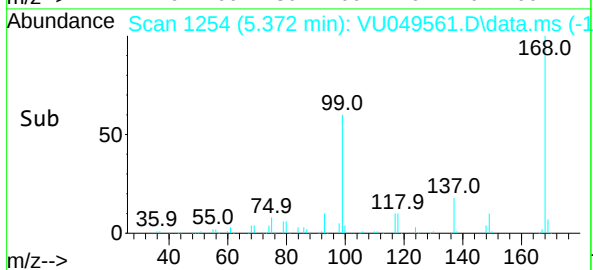
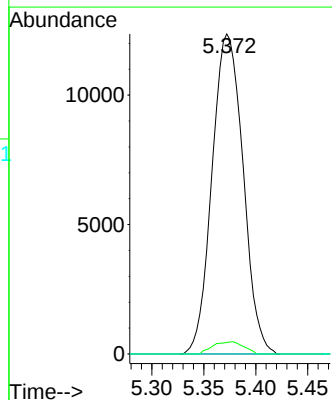
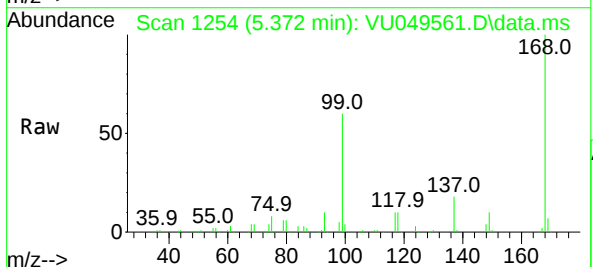
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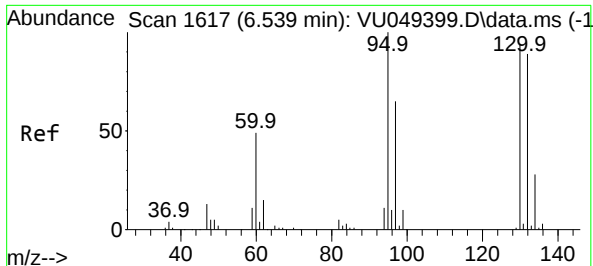
Tgt Ion: 75 Resp: 20804
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 117 Resp: 25659
Ion Ratio Lower Upper
117 100
119 3.6 76.8 115.2#
121 0.0 24.7 37.1#

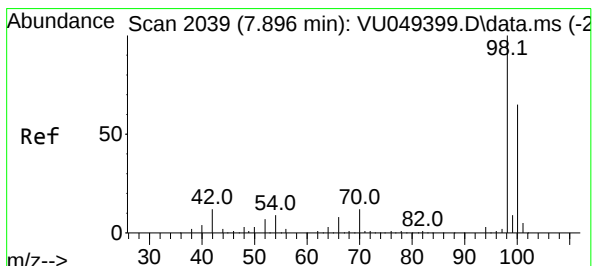
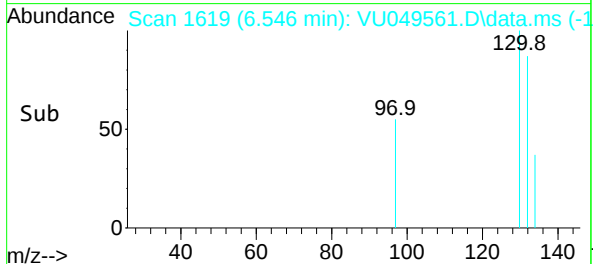
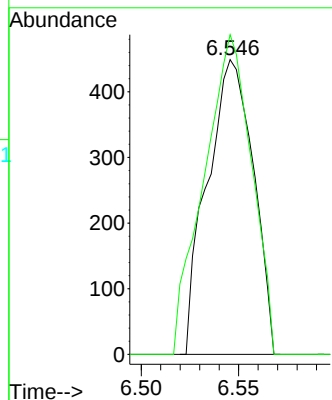
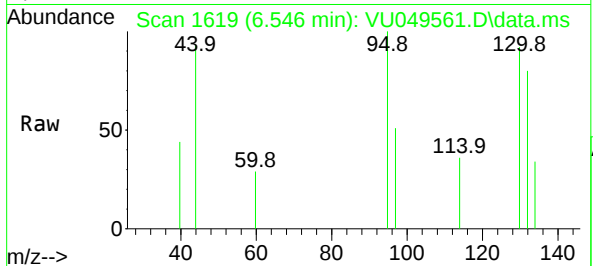




#44
Trichloroethene
Concen: 0.226 ug/l
RT: 6.546 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

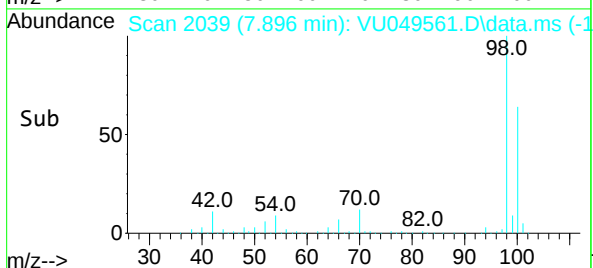
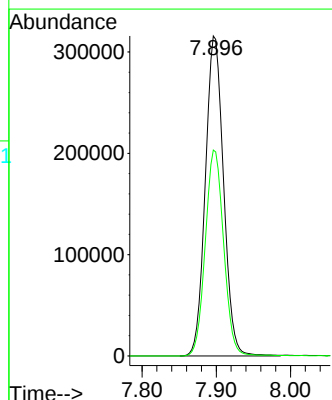
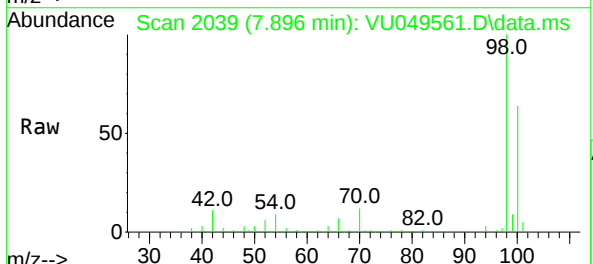
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

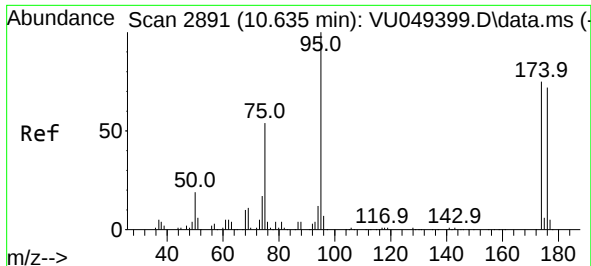
Tgt Ion:130 Resp: 738
Ion Ratio Lower Upper
130 100
95 108.5 0.0 184.6



#50
Toluene-d8
Concen: 48.080 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 98 Resp: 537450
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5

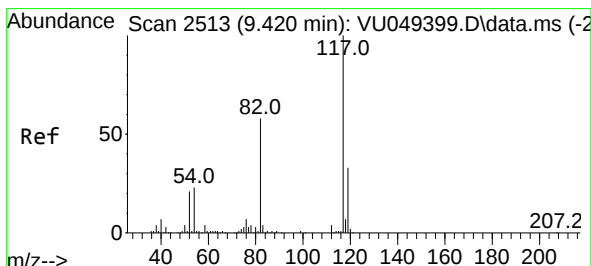
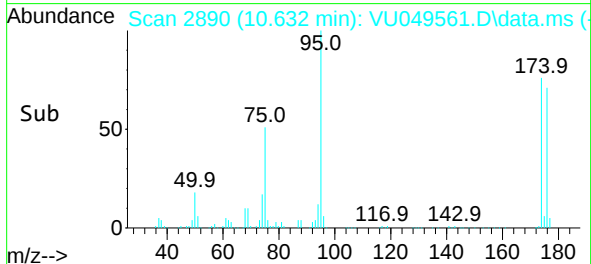
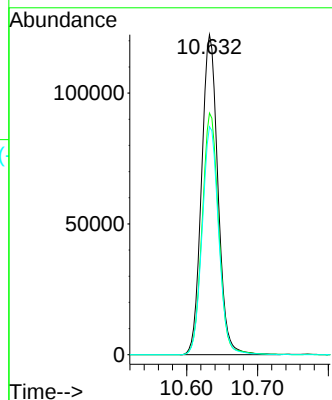
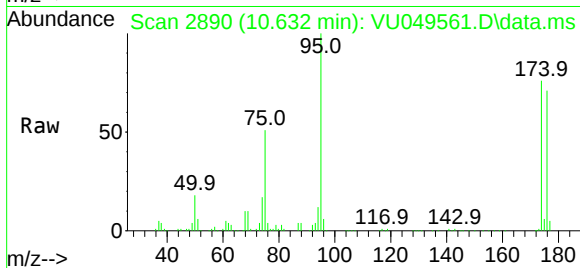




#62
4-Bromofluorobenzene
Concen: 45.836 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

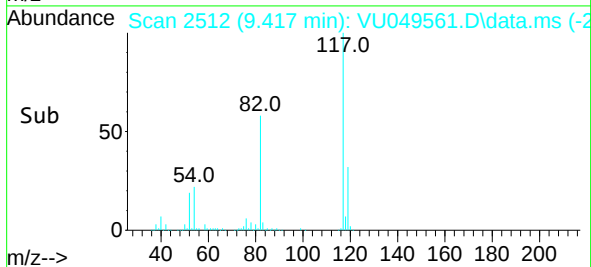
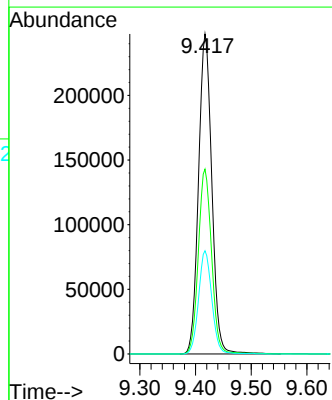
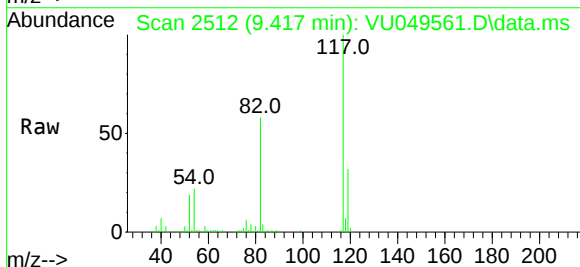
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

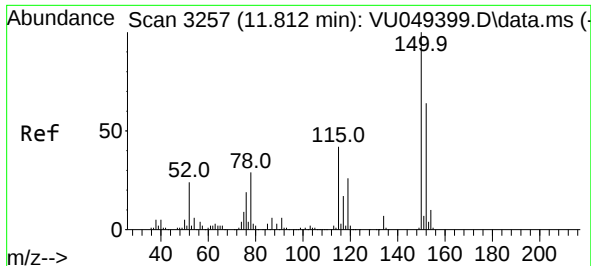
Tgt Ion: 95 Resp: 196273
Ion Ratio Lower Upper
95 100
174 76.0 0.0 182.0
176 71.9 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 117 Resp: 410218
Ion Ratio Lower Upper
117 100
82 57.8 41.7 62.5
119 32.3 25.7 38.5

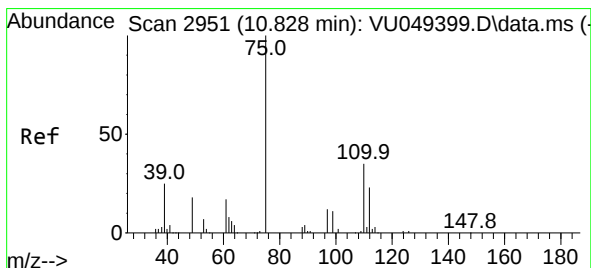
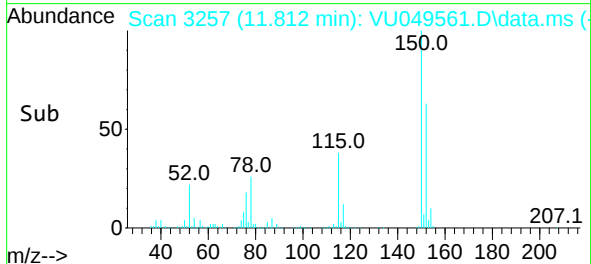
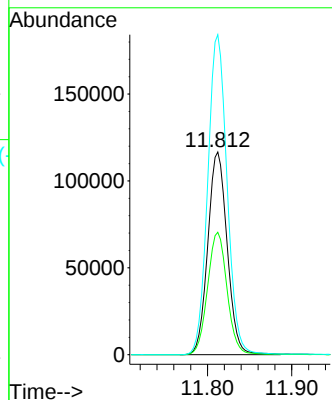
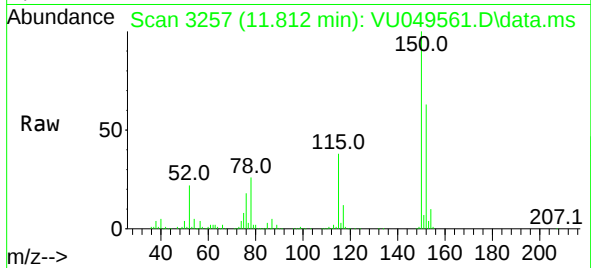




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

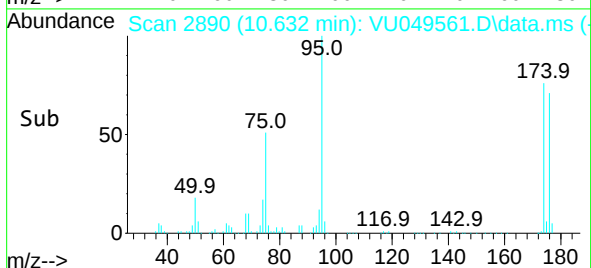
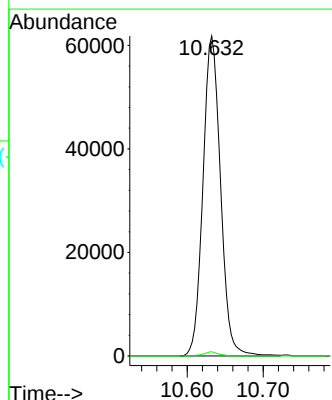
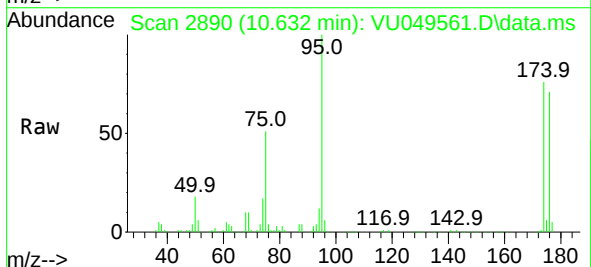
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

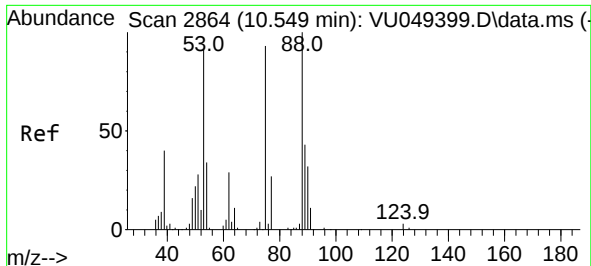
Tgt Ion:152 Resp: 186657
Ion Ratio Lower Upper
152 100
115 61.0 37.0 110.9
150 157.4 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 15.690 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 75 Resp: 99281
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#

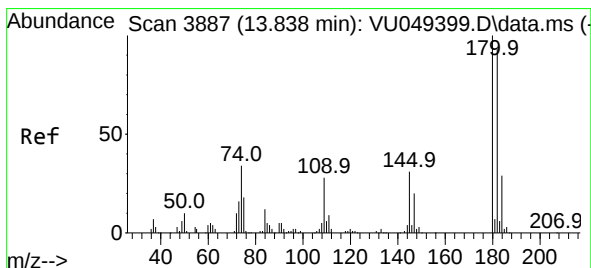
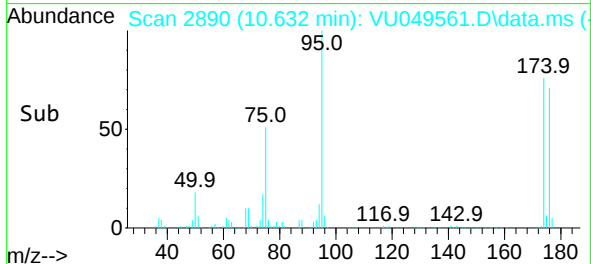
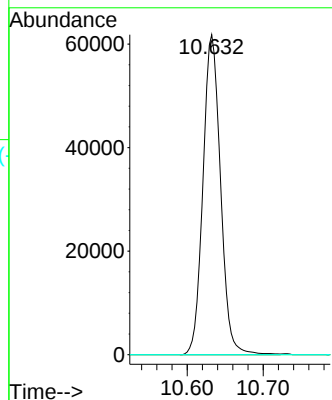
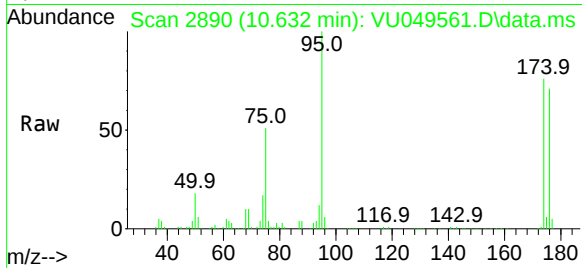




#81
trans-1,4-Dichloro-2-butene
Concen: 57.943 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

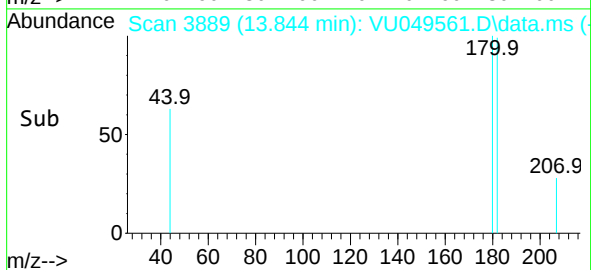
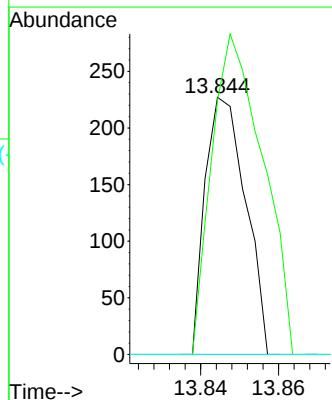
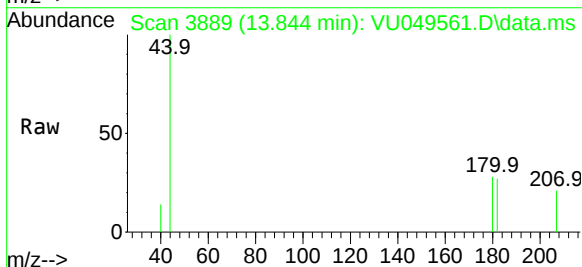
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

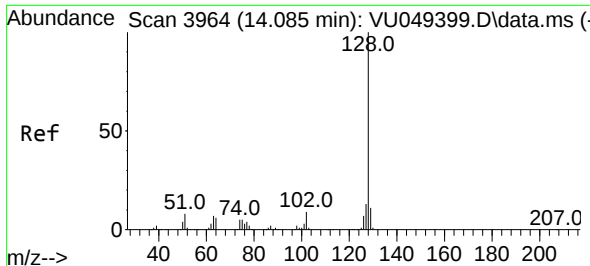
Tgt Ion: 75 Resp: 99281
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.791 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

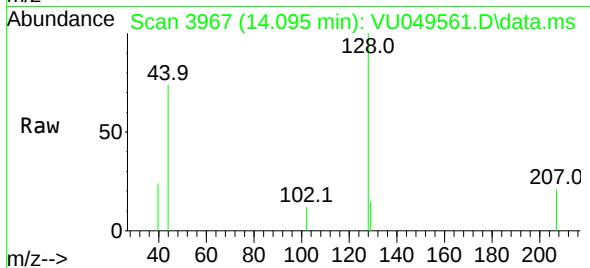
Tgt Ion: 180 Resp: 163
Ion Ratio Lower Upper
180 100
182 158.3 47.9 143.6#
145 0.0 14.0 41.9#



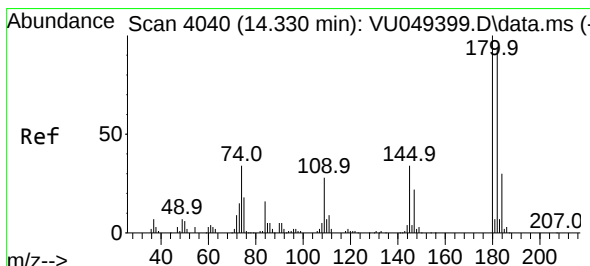
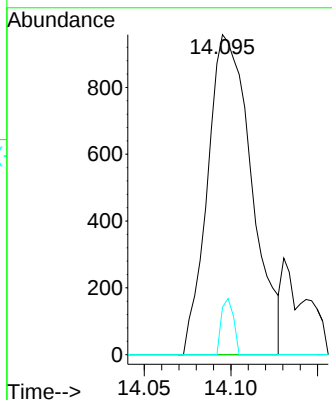
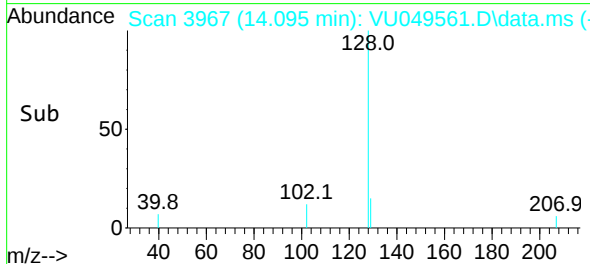


#95
Naphthalene
Concen: 1.848 ug/l
RT: 14.095 min Scan# 3964
Delta R.T. 0.010 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

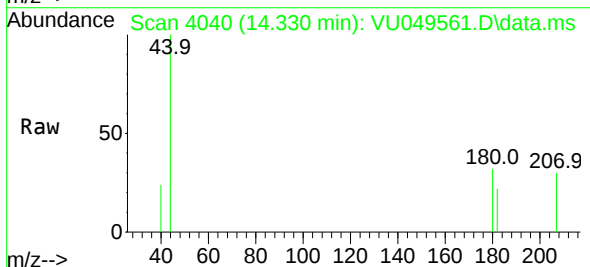
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624



Tgt Ion:128 Resp: 1690
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 4.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.249 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21



Tgt Ion:180 Resp: 318
Ion Ratio Lower Upper
180 100
182 69.5 48.4 145.0
145 0.0 14.8 44.4#

