

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049421.D
 Acq On : 27 Jun 2022 23:08
 Operator : SY/MD
 Sample : VU0627WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBL02

Quant Time: Jun 28 05:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

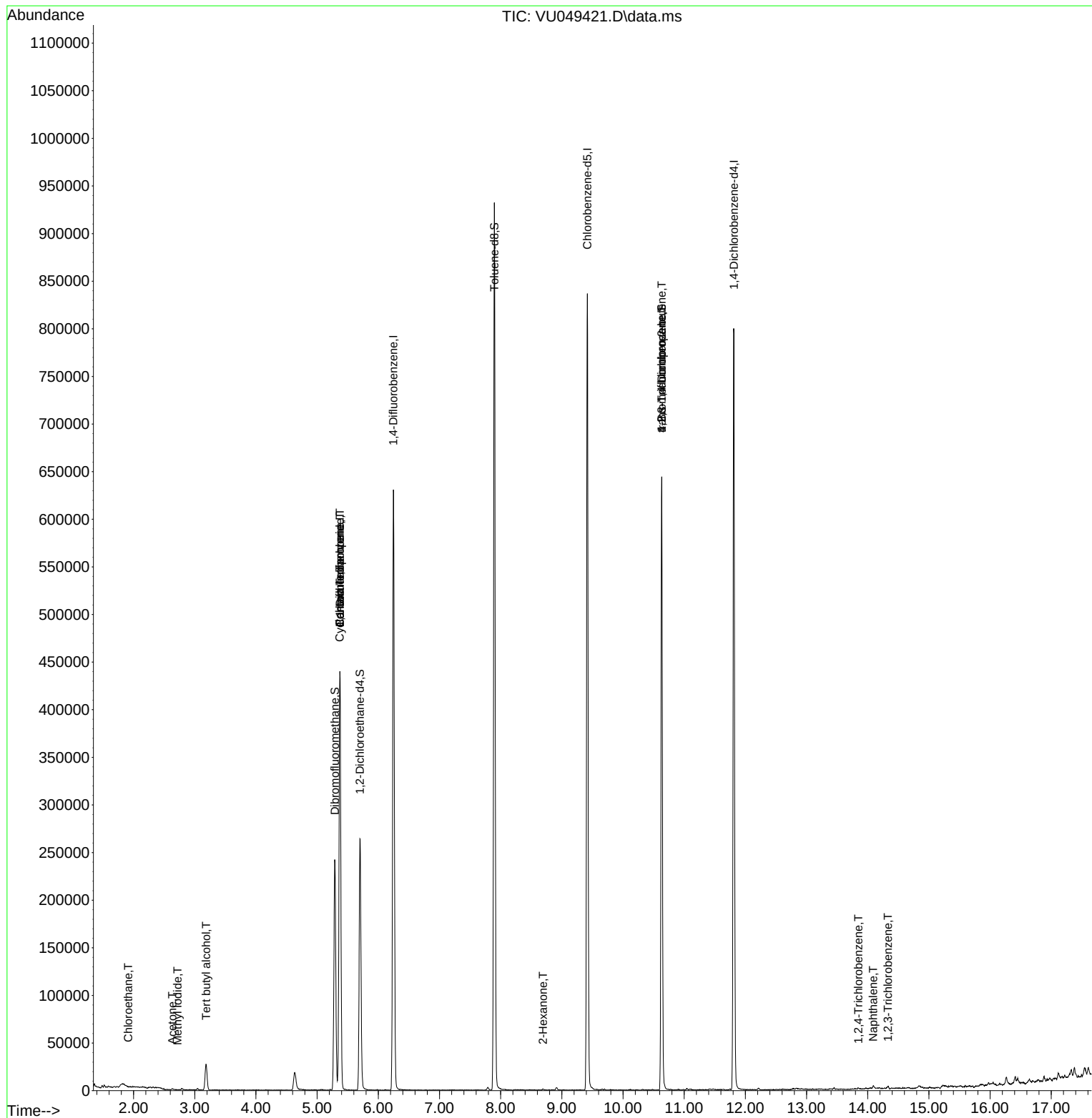
Internal Standards						
1) Pentafluorobenzene	5.372	168	300802	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	516876	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	457468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	209108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	197376	42.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.220%
35) Dibromofluoromethane	5.288	113	159861	44.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.420%
50) Toluene-d8	7.896	98	612532	47.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.980%
62) 4-Bromofluorobenzene	10.632	95	219625	44.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1789	Below Cal		94
6) Chloroethane	1.912	64	23	1.925	ug/l #	44
10) Methyl Iodide	2.719	142	127	7.546	ug/l #	43
11) Tert butyl alcohol	3.186	59	17921	16.528	ug/l #	38
16) Acetone	2.636	43	1136	0.486	ug/l #	83
20) Methylene Chloride	3.038	84	697	Below Cal		88
31) Cyclohexane	5.369	56	6331	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24771	4.724	ug/l #	48
38) Carbon Tetrachloride	5.372	117	30450	5.537	ug/l #	16
59) 2-Hexanone	8.693	43	1275	0.231	ug/l	63
76) 1,2,3-Trichloropropane	10.632	75	111927	15.790	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	111927	58.310	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.848	180	561	1.869	ug/l #	84
95) Naphthalene	14.089	128	3599	1.948	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.330	180	514	1.281	ug/l #	57

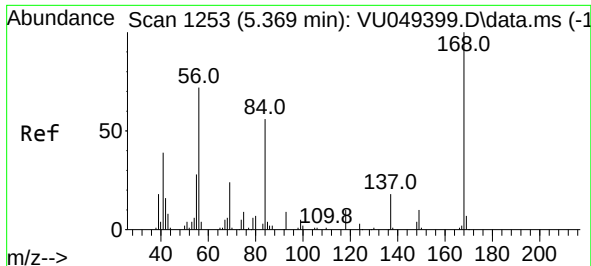
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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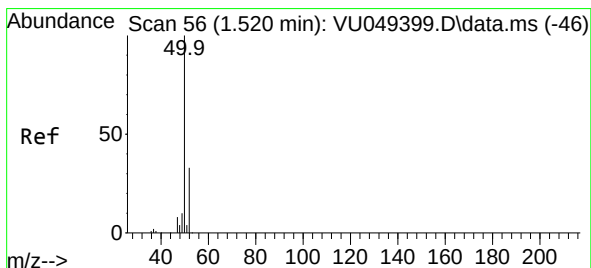
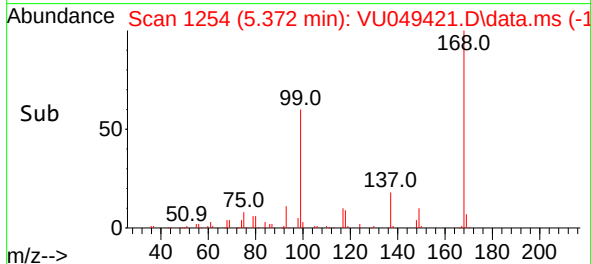
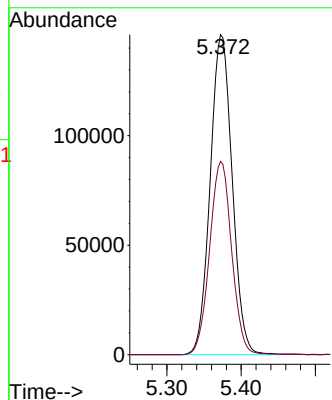
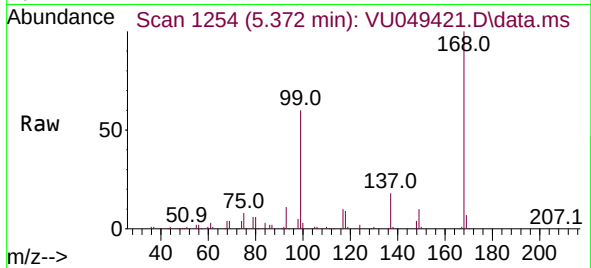




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

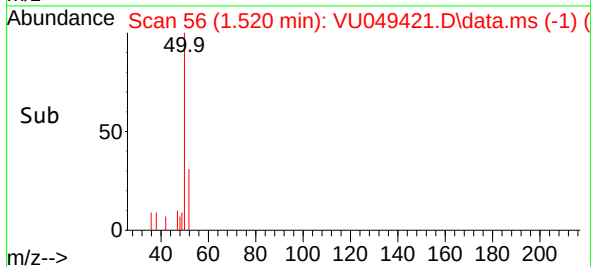
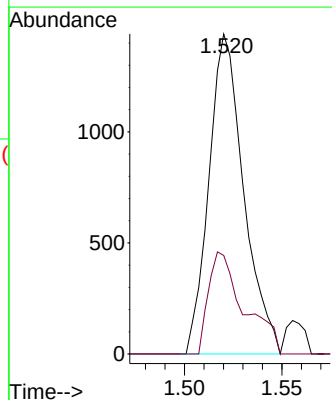
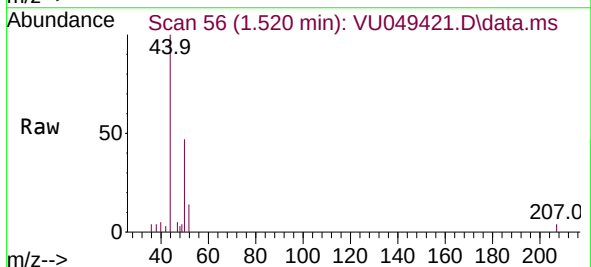
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

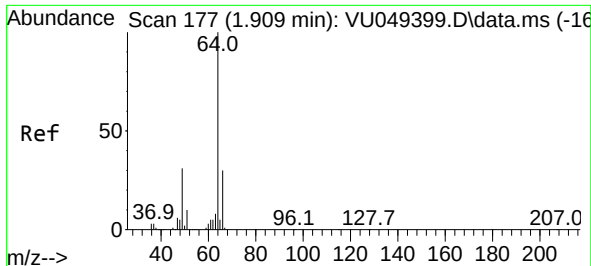
Tgt Ion:168 Resp: 300802
Ion Ratio Lower Upper
168 100
99 60.4 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion: 50 Resp: 1789
Ion Ratio Lower Upper
50 100
52 30.8 27.4 41.2

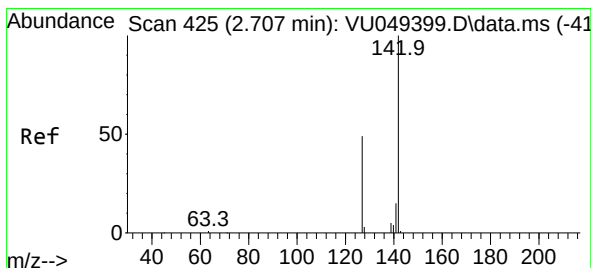
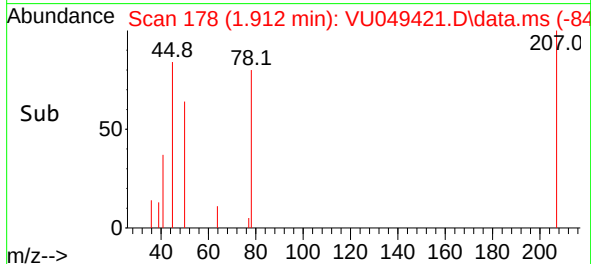
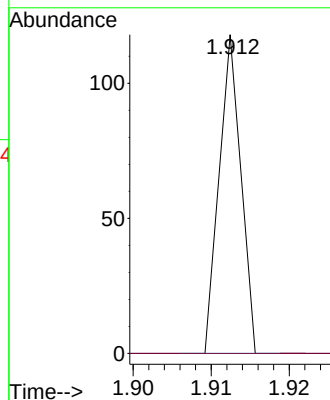
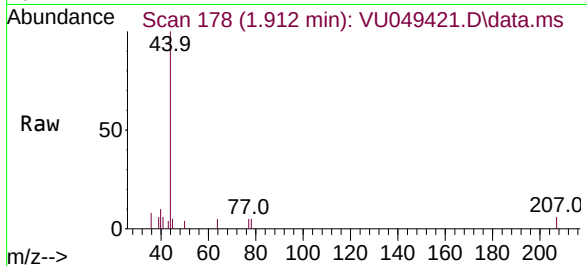




#6
Chloroethane
Concen: 1.925 ug/l
RT: 1.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

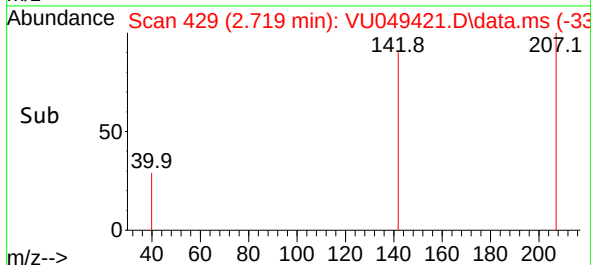
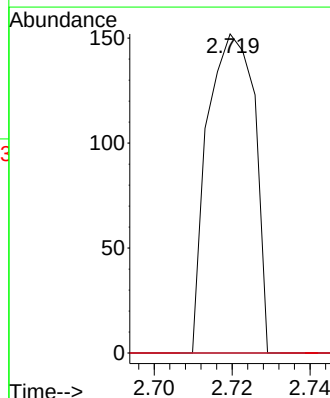
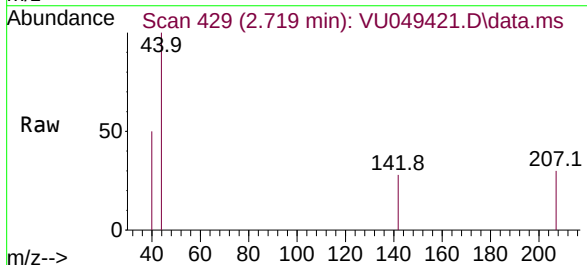
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

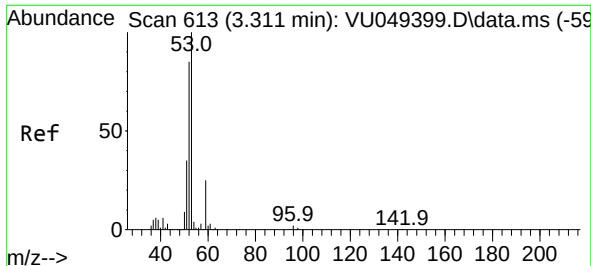
Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.546 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

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

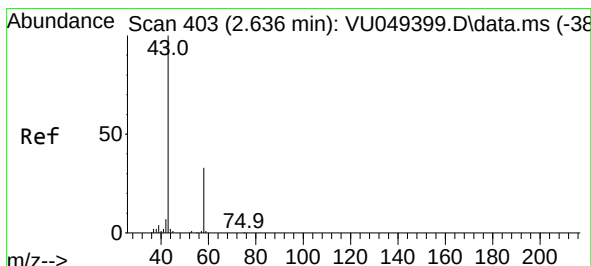
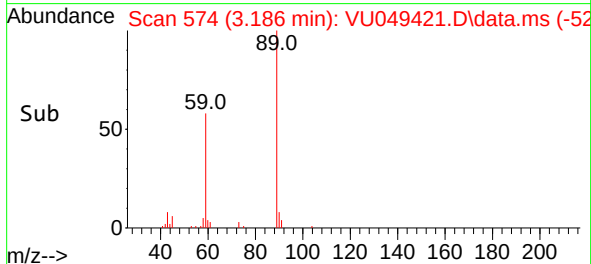
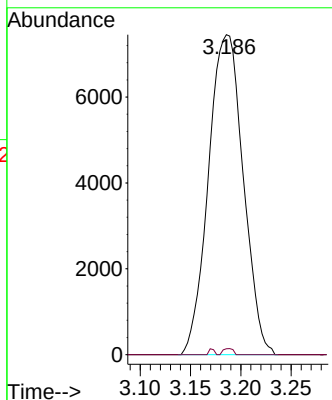
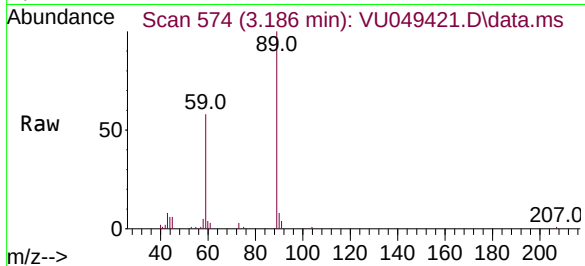




#11
Tert butyl alcohol
Concen: 16.528 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

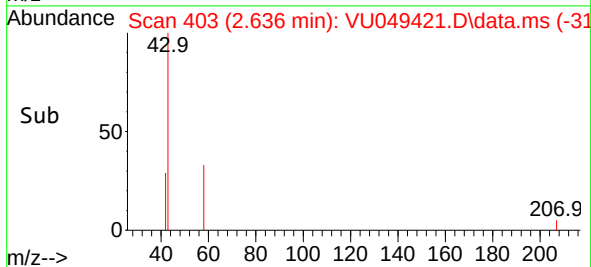
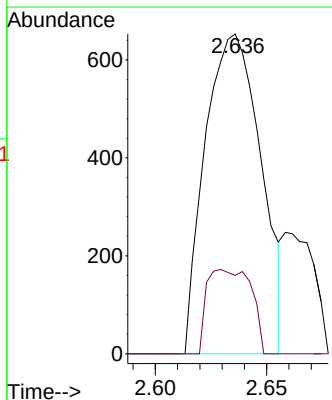
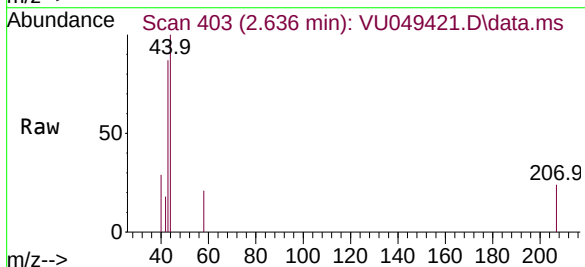
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

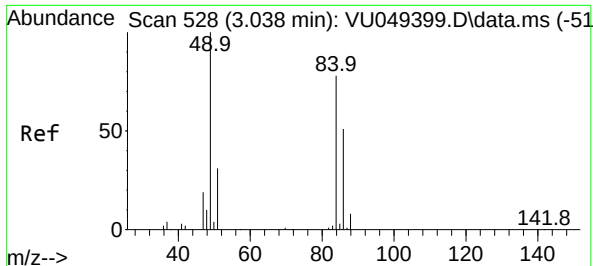
Tgt Ion: 59 Resp: 17921
Ion Ratio Lower Upper
59 100
57 0.5 30.6 45.8#



#16
Acetone
Concen: 0.486 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 24.5 27.5 41.3#

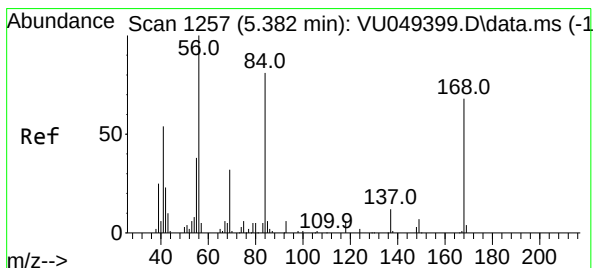
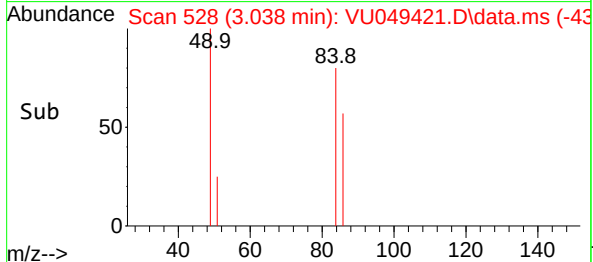
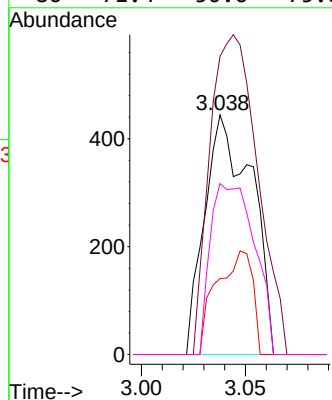
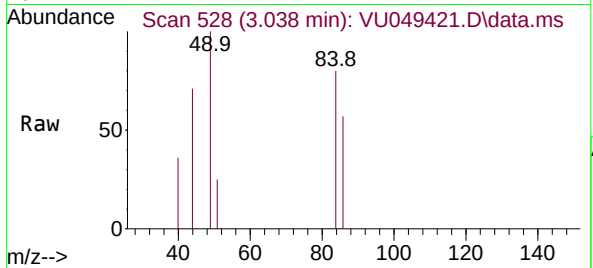




#20
Methylene Chloride
Concen: Below Cal
RT: 3.038 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

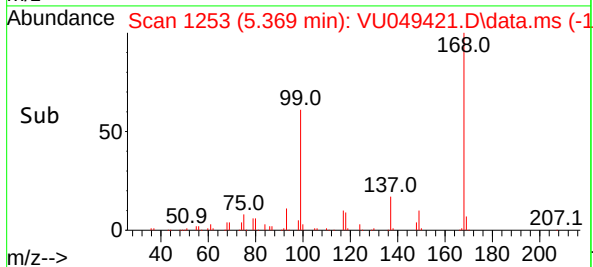
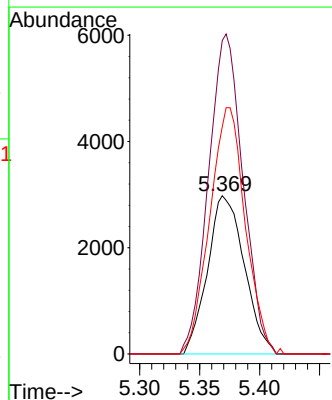
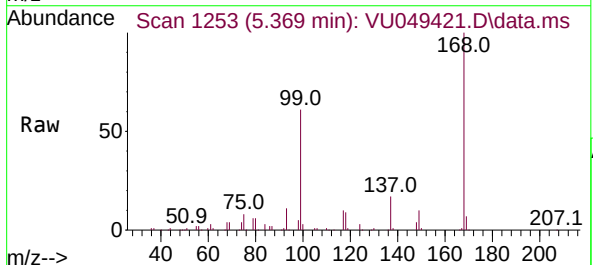
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

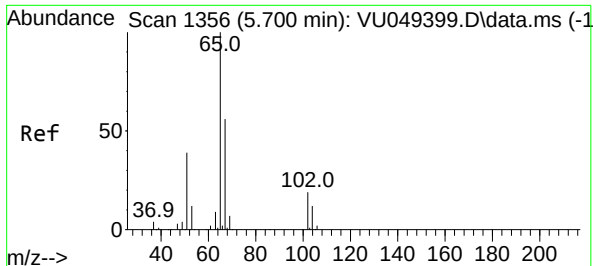
Tgt Ion:	84	Resp:	697
Ion	Ratio	Lower	Upper
84	100		
49	124.5	86.6	129.8
51	31.8	26.6	40.0
86	71.4	50.6	75.8



#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion:	56	Resp:	6331
Ion	Ratio	Lower	Upper
56	100		
69	198.1	27.8	41.8#
84	143.6	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 42.606 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049421.D

Acq: 27 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

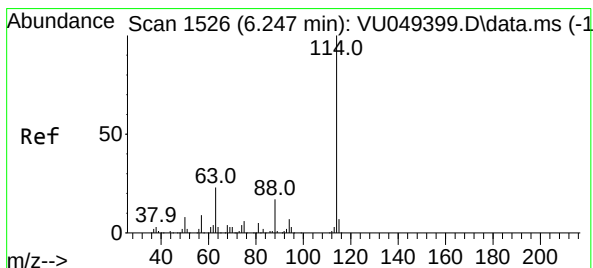
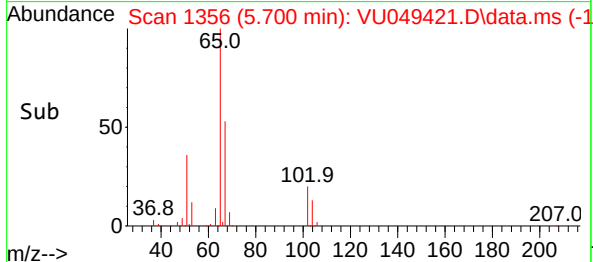
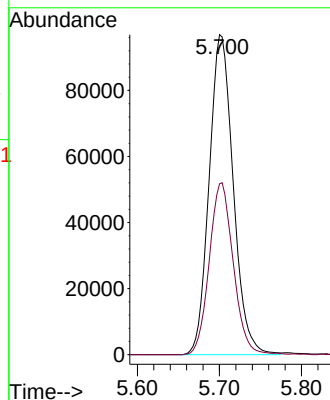
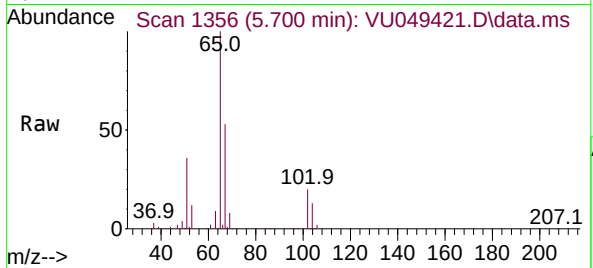
VU0627WBL02

Tgt Ion: 65 Resp: 197376

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049421.D

Acq: 27 Jun 2022 23:08

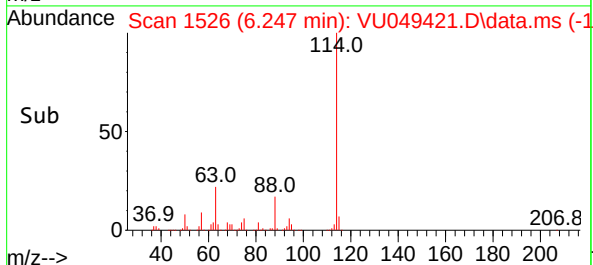
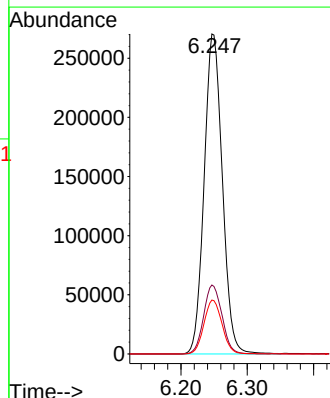
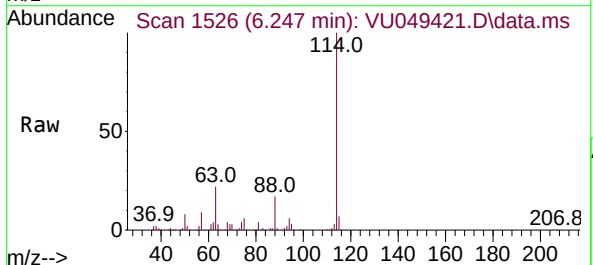
Tgt Ion:114 Resp: 516876

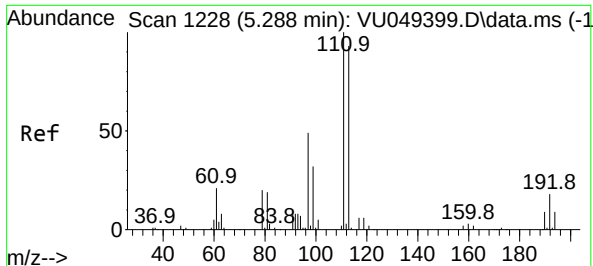
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.8 0.0 29.2

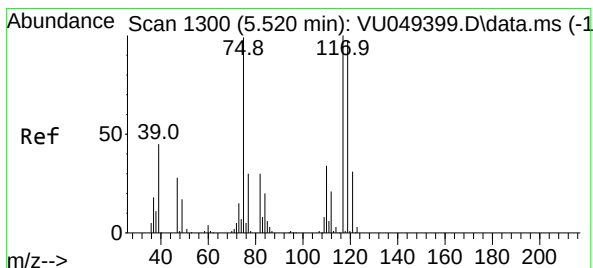
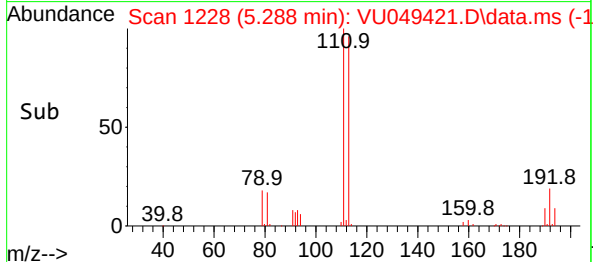
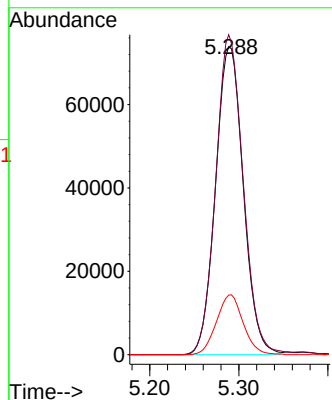
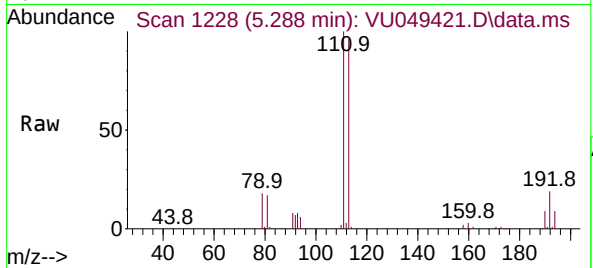




#35
Dibromofluoromethane
Concen: 44.207 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

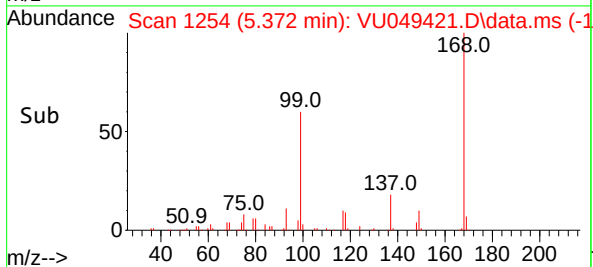
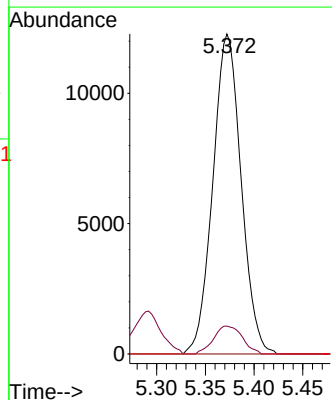
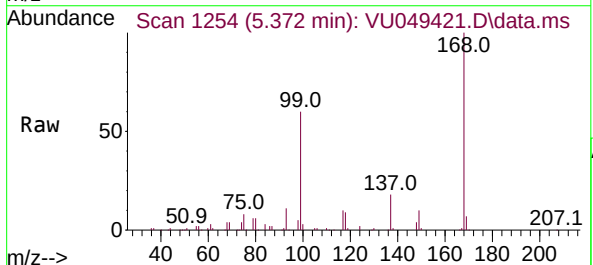
Instrument :
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VU0627WBL02

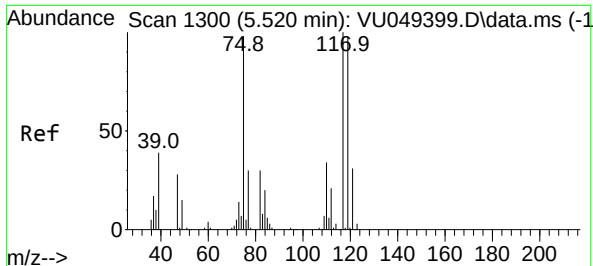
Tgt Ion:113 Resp: 159861
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 18.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion: 75 Resp: 24771
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 25.1 37.7#

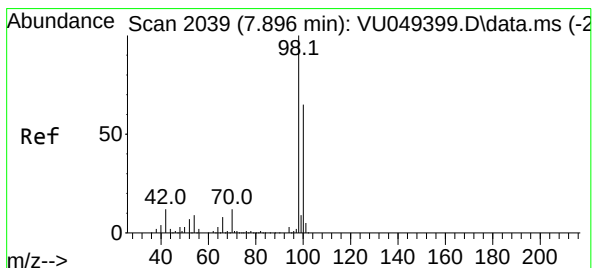
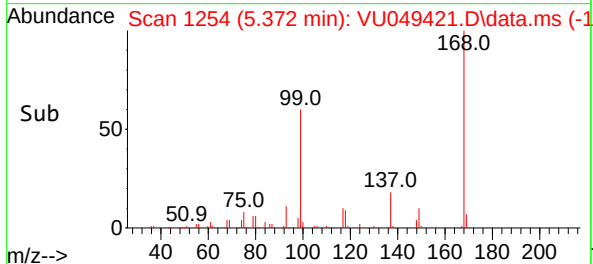
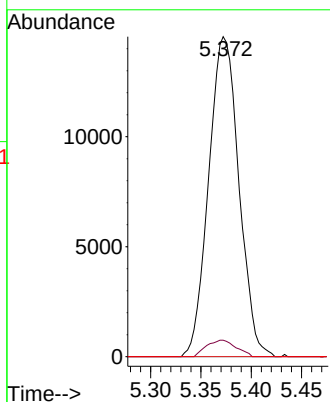
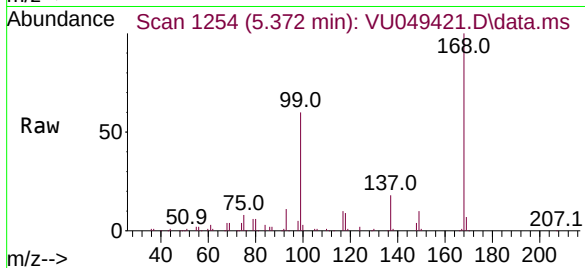




#38
Carbon Tetrachloride
Concen: 5.537 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

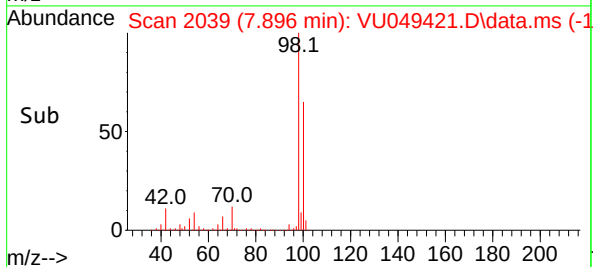
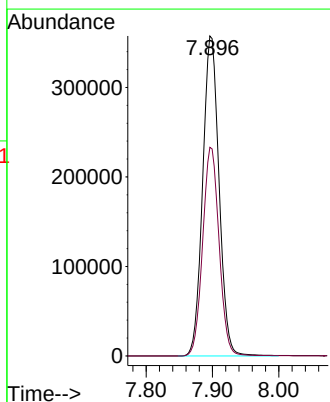
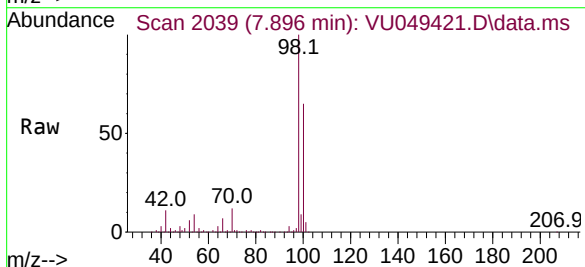
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

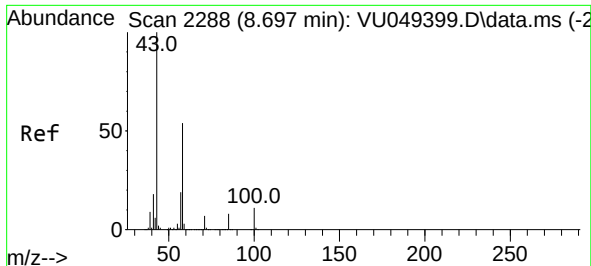
Tgt Ion:117 Resp: 30450
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.490 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion: 98 Resp: 612532
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5





#59

2-Hexanone

Concen: 0.231 ug/l

RT: 8.693 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049421.D

Acq: 27 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

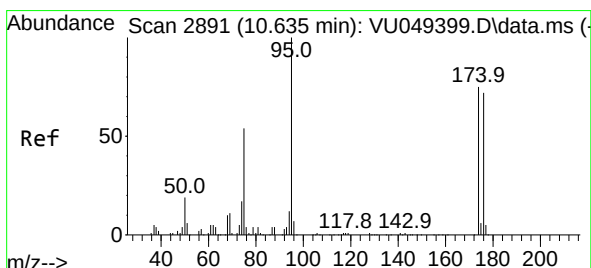
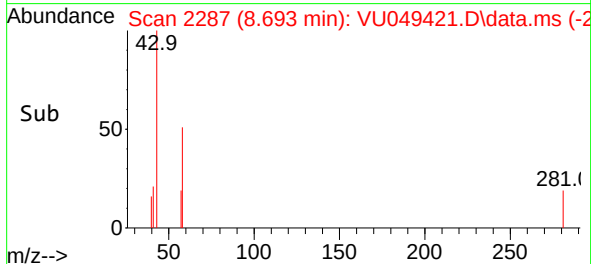
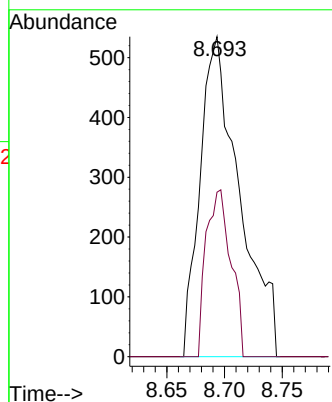
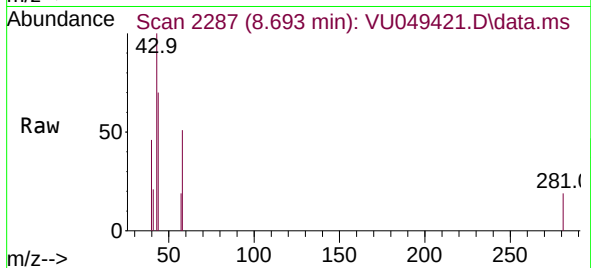
VU0627WBL02

Tgt Ion: 43 Resp: 1275

Ion Ratio Lower Upper

43 100

58 32.6 30.3 90.8



#62

4-Bromofluorobenzene

Concen: 44.451 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.003 min

Lab File: VU049421.D

Acq: 27 Jun 2022 23:08

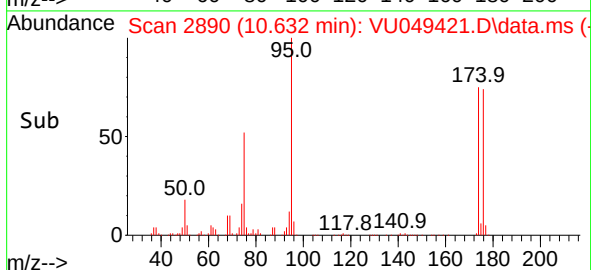
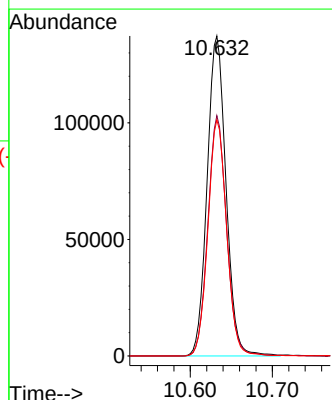
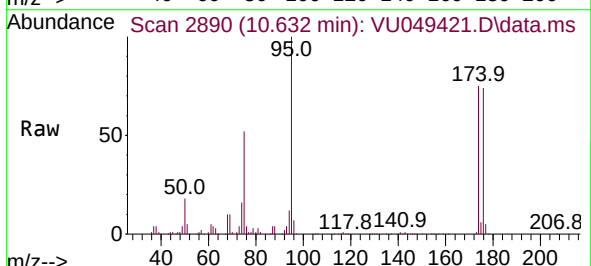
Tgt Ion: 95 Resp: 219625

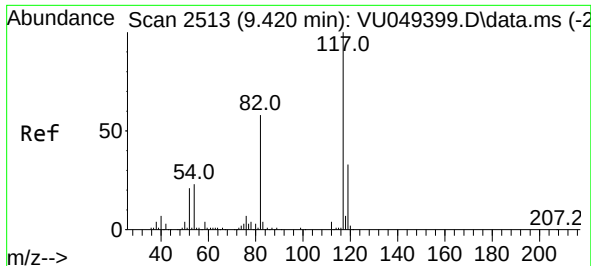
Ion Ratio Lower Upper

95 100

174 74.6 0.0 182.0

176 73.1 0.0 177.8

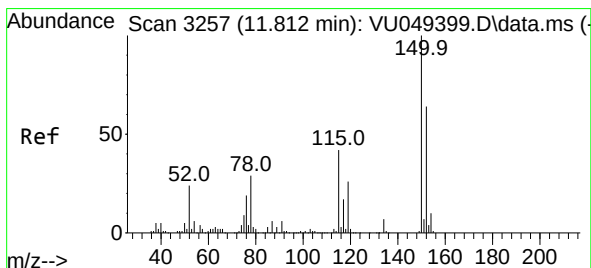
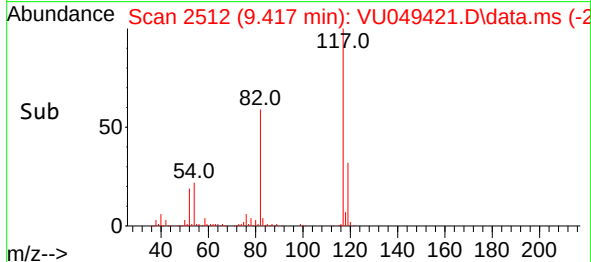
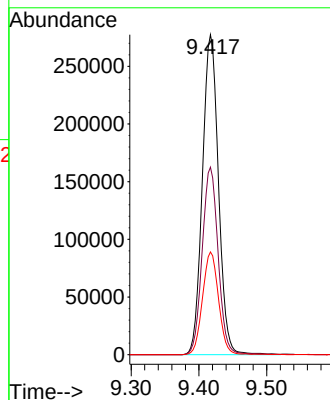
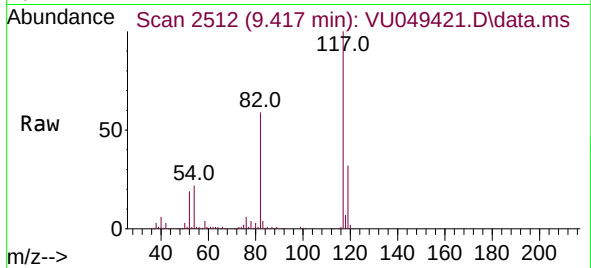




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

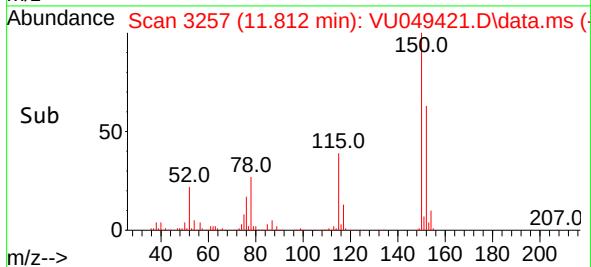
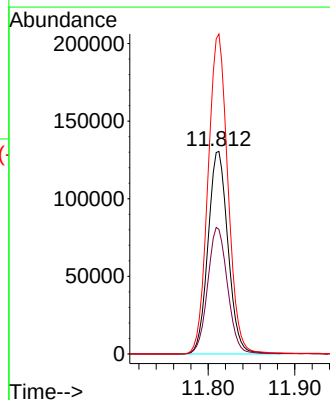
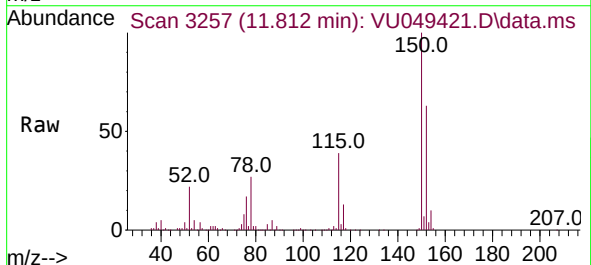
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

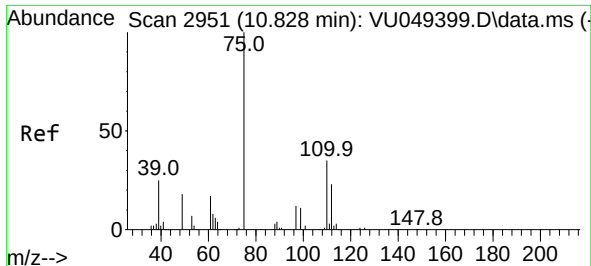
Tgt Ion:117 Resp: 457468
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion:152 Resp: 209108
Ion Ratio Lower Upper
152 100
115 62.4 37.0 110.9
150 157.7 0.0 342.2

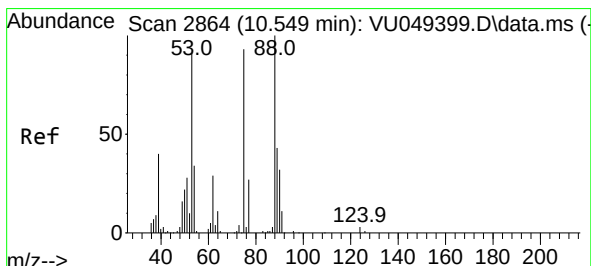
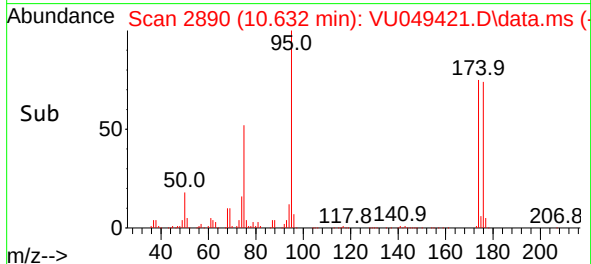
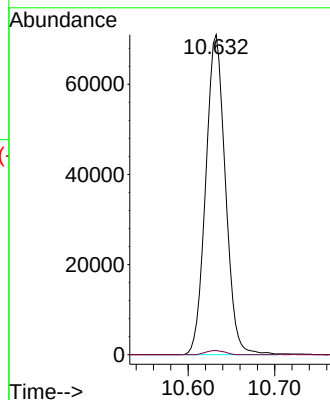
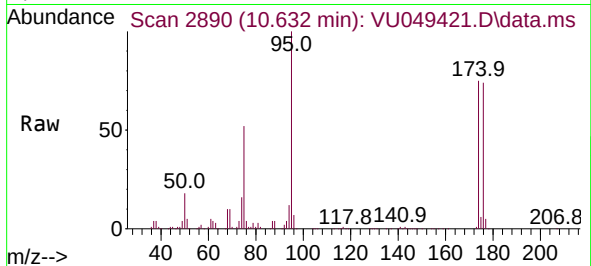




#76
1,2,3-Trichloropropane
Concen: 15.790 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

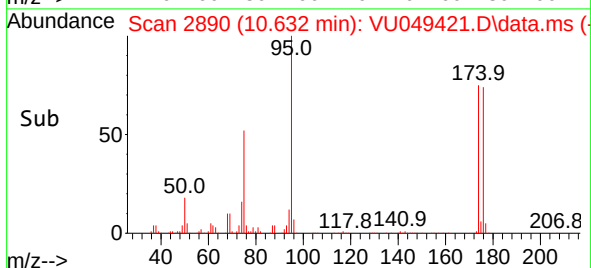
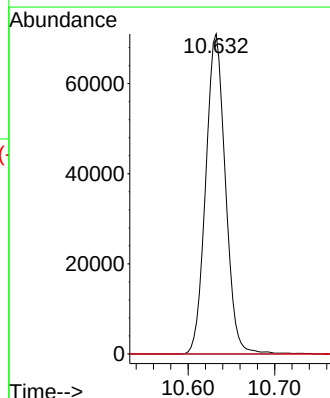
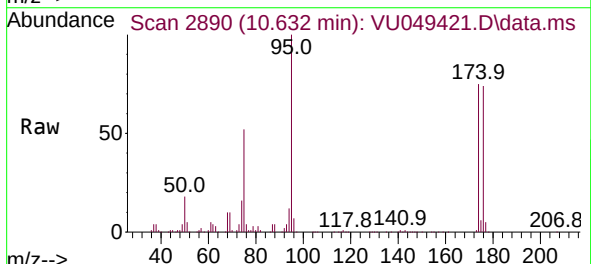
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

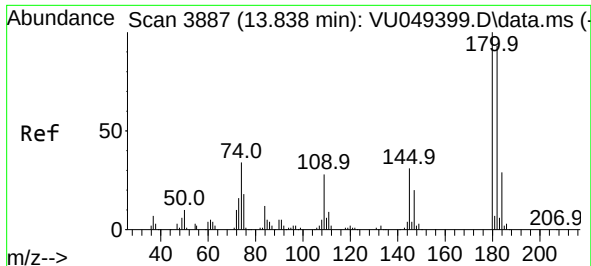
Tgt Ion: 75 Resp: 111927
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.310 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

Tgt Ion: 75 Resp: 111927
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

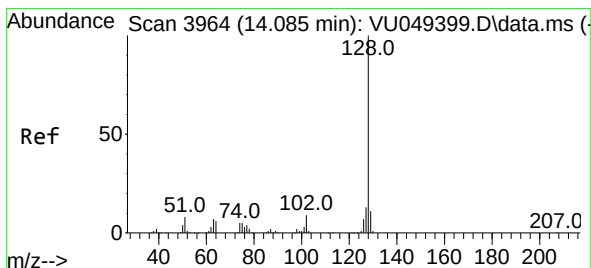
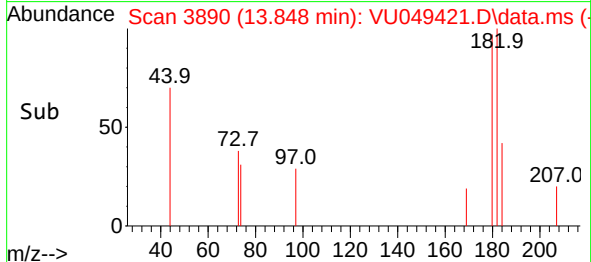
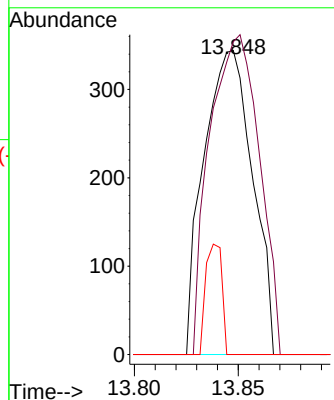
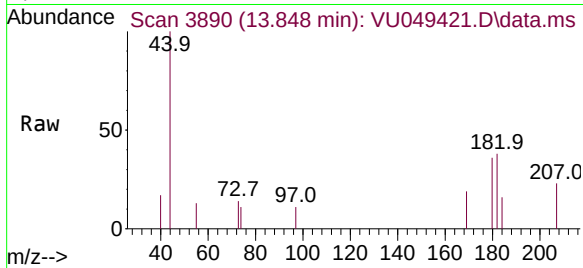




#93
1,2,4-Trichlorobenzene
Concen: 1.869 ug/l
RT: 13.848 min Scan# 3887
Delta R.T. 0.010 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

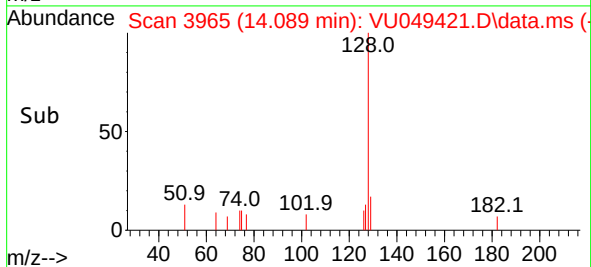
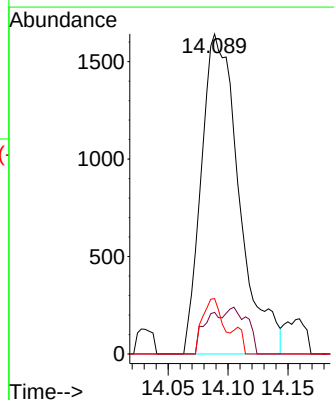
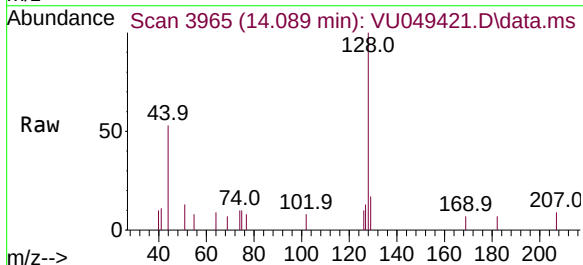
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBL02

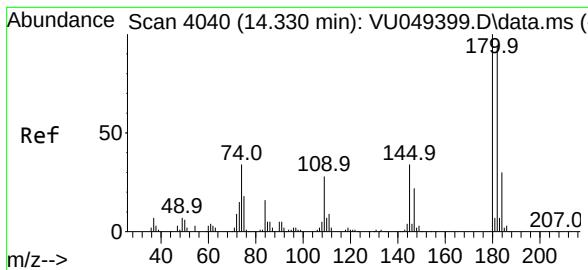
Tgt Ion:180 Resp: 561
Ion Ratio Lower Upper
180 100
182 107.0 47.9 143.6
145 11.9 14.0 41.9#



#95
Naphthalene
Concen: 1.948 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049421.D
Acq: 27 Jun 2022 23:08

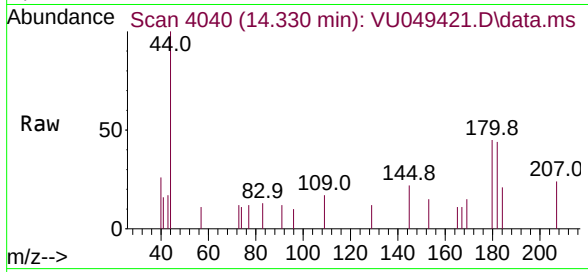
Tgt Ion:128 Resp: 3599
Ion Ratio Lower Upper
128 100
127 6.6 10.3 15.5#
129 9.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.281 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU049421.D
 Acq: 27 Jun 2022 23:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBL02



Tgt Ion:	180	Resp:	514
Ion	Ratio	Lower	Upper
180	100		
182	141.2	48.4	145.0
145	49.4	14.8	44.4#

