

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049575.D
 Acq On : 30 Jun 2022 19:54
 Operator : SY/MD
 Sample : N3458-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE122D1-20220621

Quant Time: Jul 01 05:27:36 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)

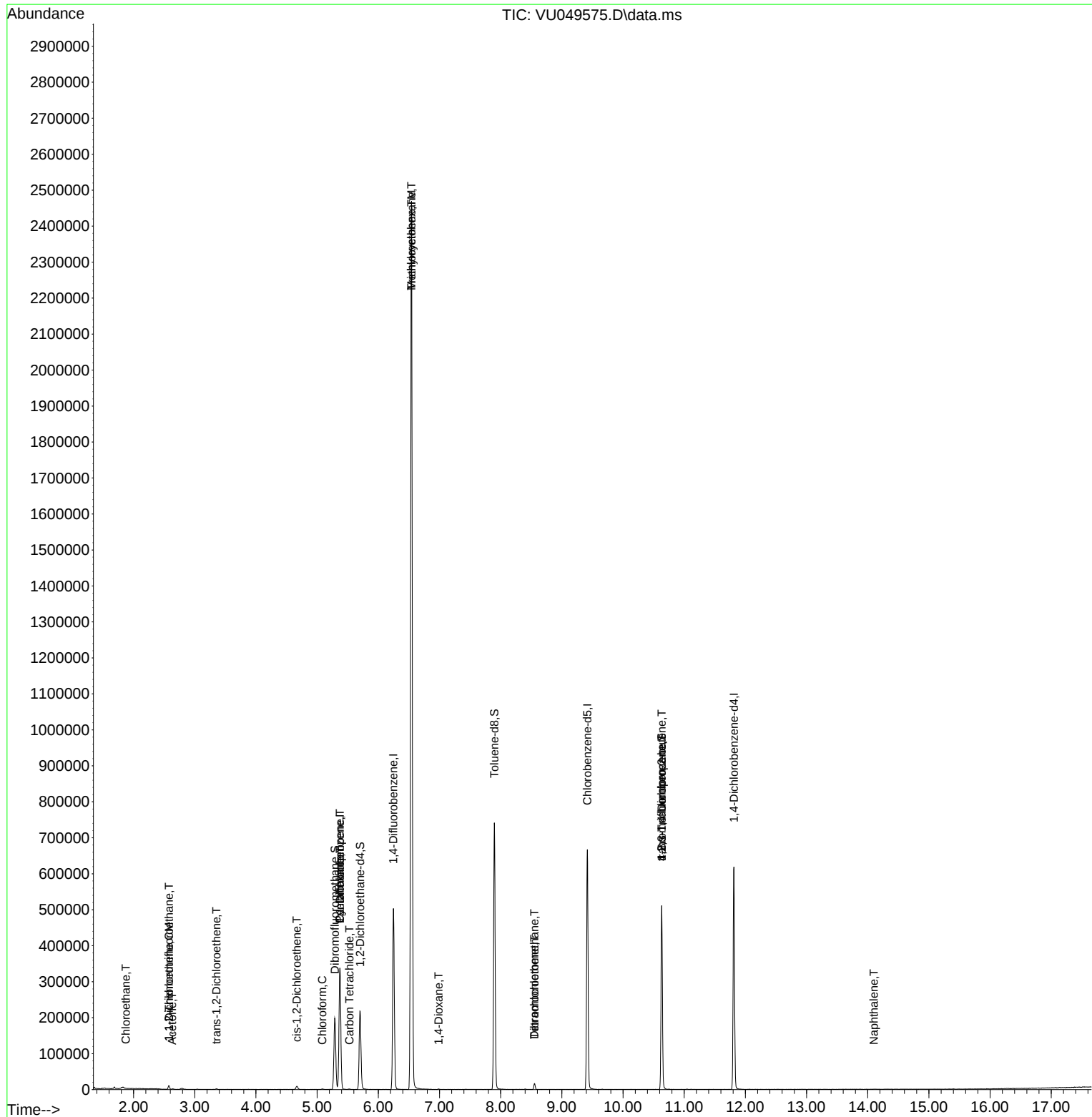
Internal Standards						
1) Pentafluorobenzene	5.372	168	231203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	404354	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	362775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	163473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	164745	46.268	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.289	113	129339	45.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	7.896	98	488025	48.366	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	10.632	95	170334	44.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	2150	Below Cal		93
6) Chloroethane	1.874	64	20	1.927 ug/l	#	44
9) 1,1,2-Trichlorotrifluo...	2.578	101	3104	1.210 ug/l		100
12) 1,1-Dichloroethene	2.578	96	1147	0.457 ug/l		89
16) Acetone	2.629	43	1686	0.939 ug/l		94
20) Methylene Chloride	3.038	84	166	Below Cal	#	48
21) trans-1,2-Dichloroethene	3.353	96	857	0.317 ug/l		91
27) cis-1,2-Dichloroethene	4.668	96	5094	1.629 ug/l		98
30) Chloroform	5.083	83	1230	0.223 ug/l		86
31) Cyclohexane	5.372	56	5035	0.942 ug/l	#	1
36) 1,1-Dichloropropene	5.372	75	18807	4.585 ug/l	#	50
38) Carbon Tetrachloride	5.530	117	962	0.224 ug/l	#	86
39) Methylcyclohexane	6.539	83	10412	2.118 ug/l	#	1
44) Trichloroethene	6.542	130	818312	277.955 ug/l		87
49) 1,4-Dioxane	6.986	88	1148	11.642 ug/l	#	2
60) Dibromochloromethane	8.552	129	3652	1.154 ug/l	#	11
64) Tetrachloroethene	8.552	164	3688	1.585 ug/l		83
76) 1,2,3-Trichloropropane	10.632	75	88576	15.984 ug/l	#	45
81) trans-1,4-Dichloro-2-b...	10.632	75	88576	59.027 ug/l	#	15
95) Naphthalene	14.102	128	360	1.763 ug/l	#	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
Data File : VU049575.D
Acq On : 30 Jun 2022 19:54
Operator : SY/MD
Sample : N3458-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

Quant Time: Jul 01 05:27:36 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

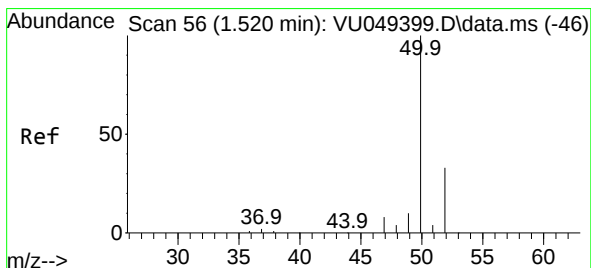
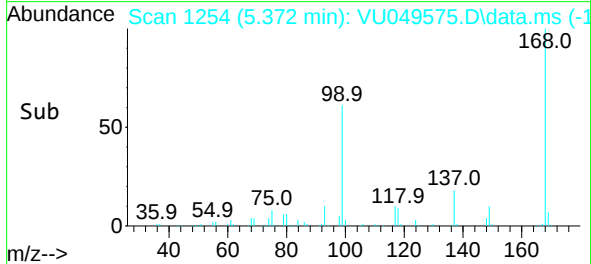
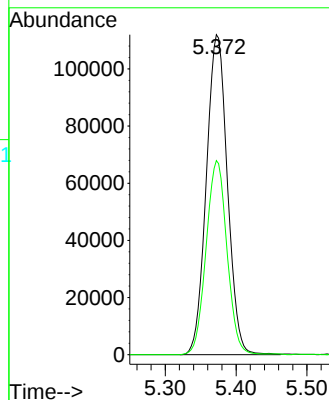
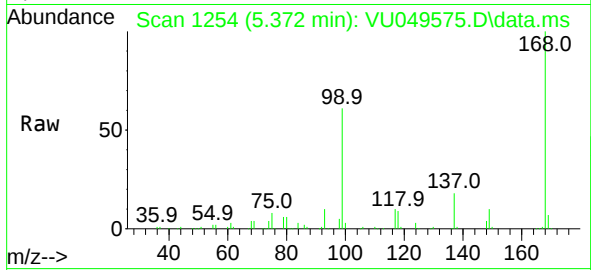




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

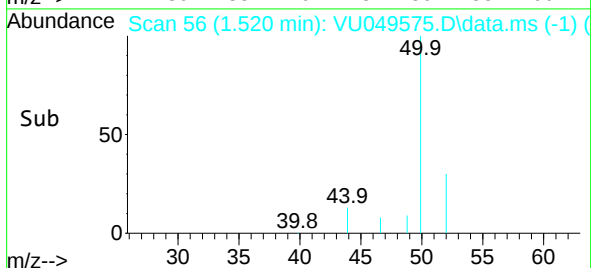
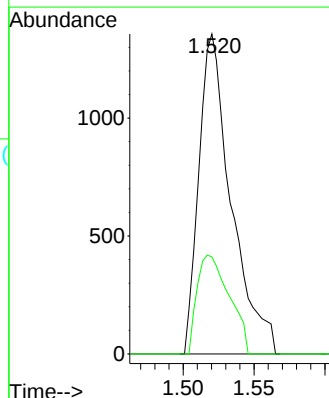
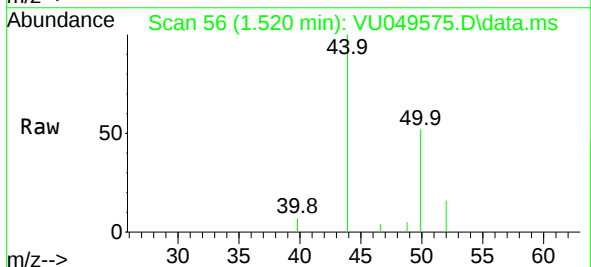
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

Tgt Ion:168 Resp: 231203
Ion Ratio Lower Upper
168 100
99 60.7 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion: 50 Resp: 2150
Ion Ratio Lower Upper
50 100
52 30.4 27.4 41.2

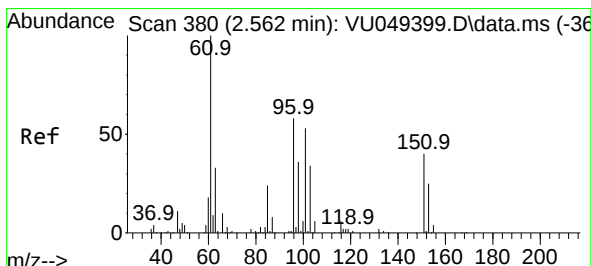
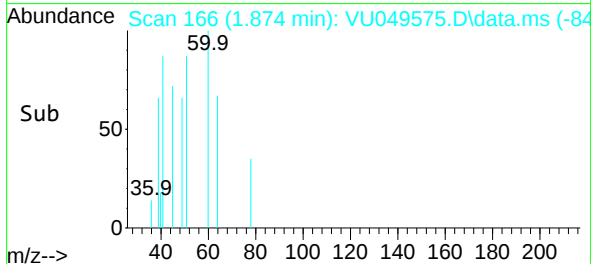
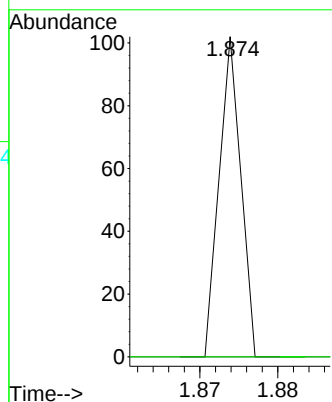
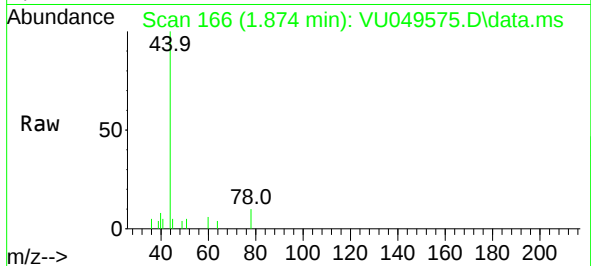




#6
Chloroethane
Concen: 1.927 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.035 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

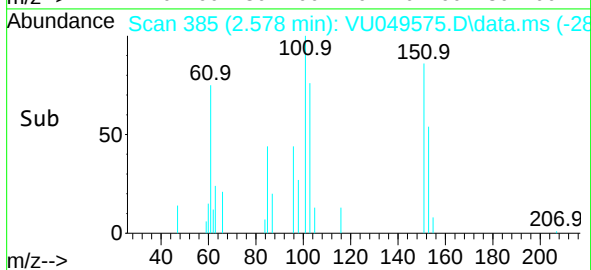
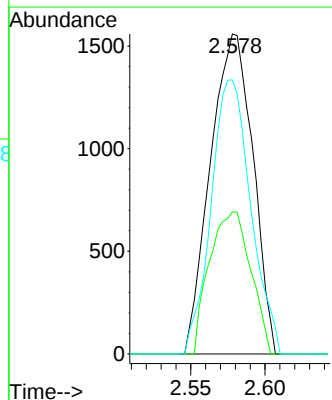
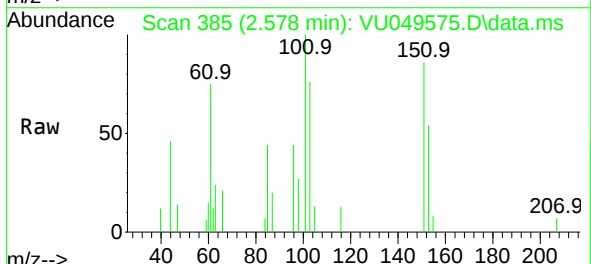
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

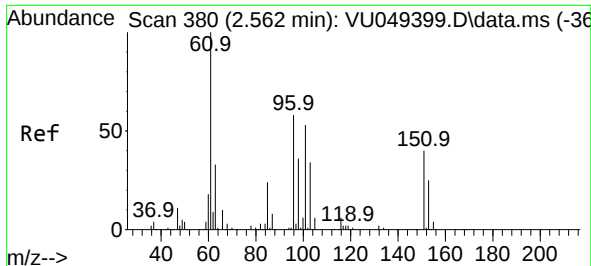
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.210 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion:101 Resp: 3104
Ion Ratio Lower Upper
101 100
85 43.1 33.9 50.9
151 80.0 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.457 ug/l

RT: 2.578 min Scan# 380

Delta R.T. 0.016 min

Lab File: VU049575.D

Acq: 30 Jun 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

RE122D1-20220621

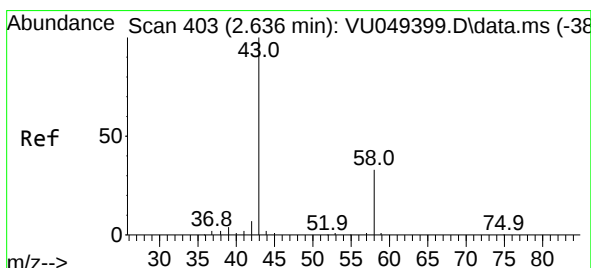
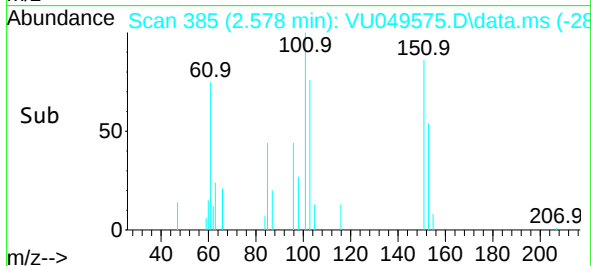
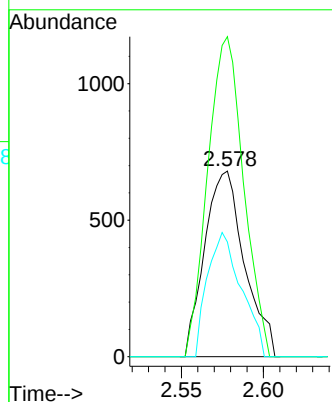
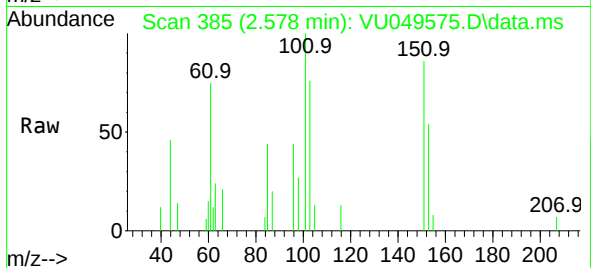
Tgt Ion: 96 Resp: 1147

Ion Ratio Lower Upper

96 100

61 172.4 122.2 183.2

98 61.8 50.7 76.1



#16

Acetone

Concen: 0.939 ug/l

RT: 2.629 min Scan# 401

Delta R.T. -0.006 min

Lab File: VU049575.D

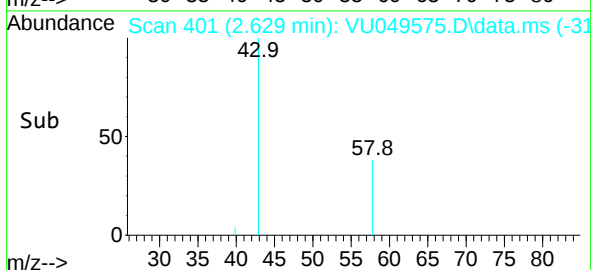
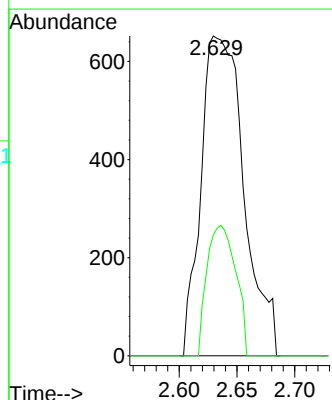
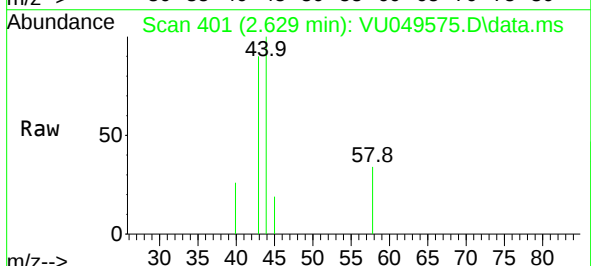
Acq: 30 Jun 2022 19:54

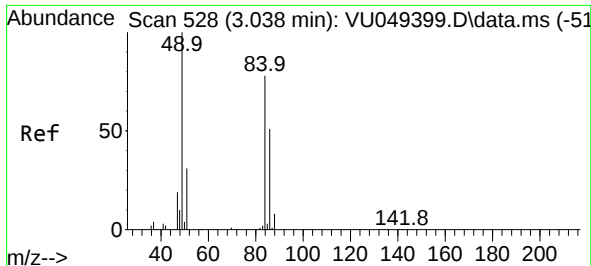
Tgt Ion: 43 Resp: 1686

Ion Ratio Lower Upper

43 100

58 37.7 27.5 41.3

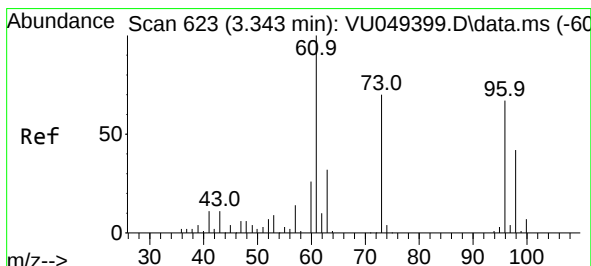
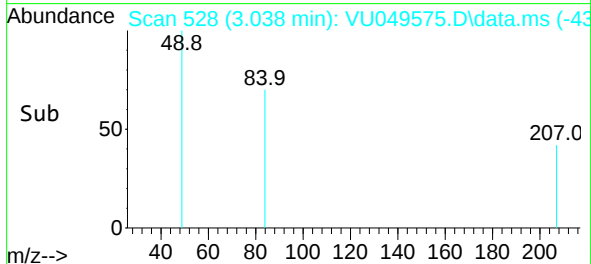
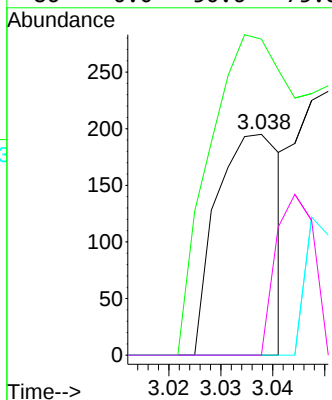
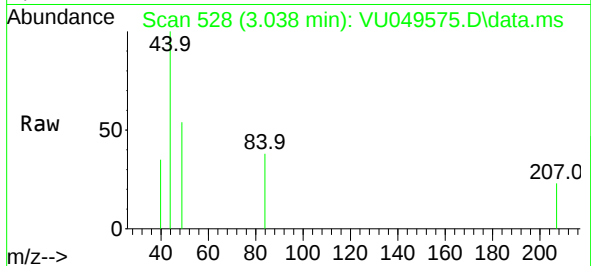




#20
Methylene Chloride
Concen: Below Cal
RT: 3.038 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

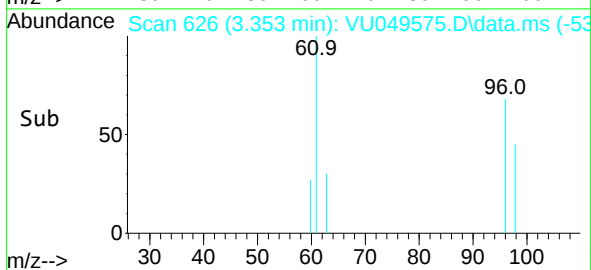
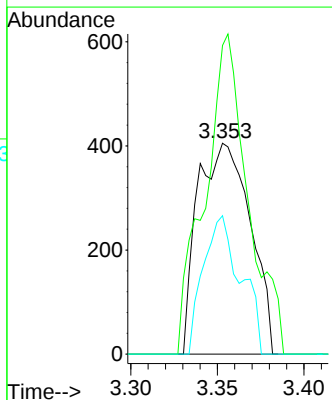
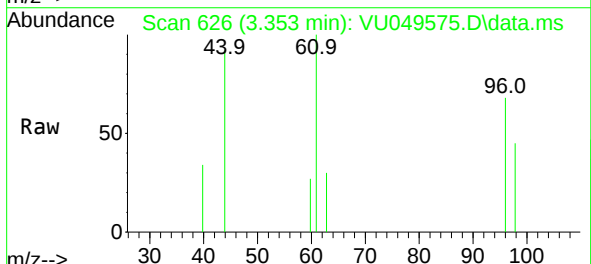
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

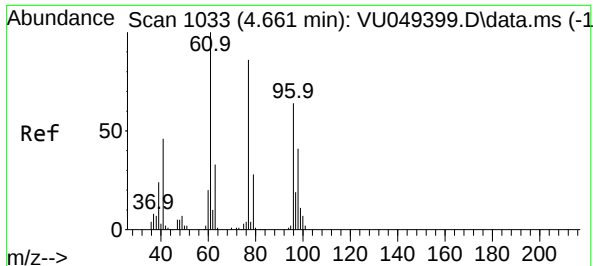
Tgt Ion:	84	Resp:	166
Ion	Ratio	Lower	Upper
84	100		
49	143.1	86.6	129.8#
51	0.0	26.6	40.0#
86	0.0	50.6	75.8#



#21
trans-1,2-Dichloroethene
Concen: 0.317 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.010 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion:	96	Resp:	857
Ion	Ratio	Lower	Upper
96	100		
61	146.4	106.1	159.1
98	65.7	50.8	76.2

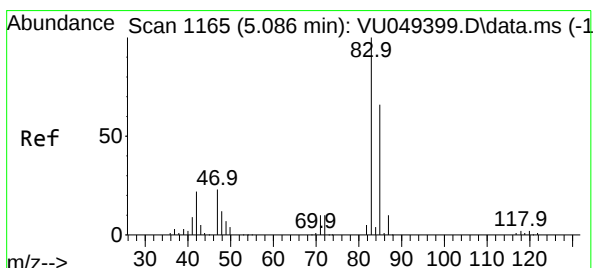
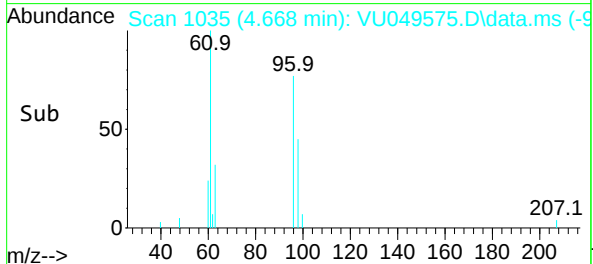
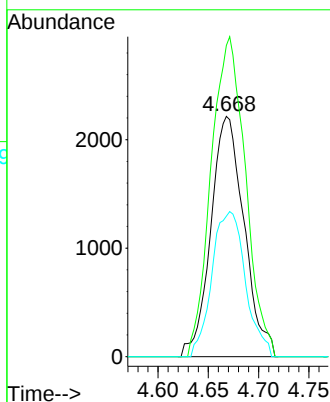
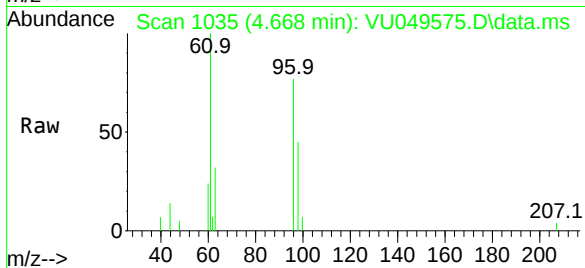




#27
 cis-1,2-Dichloroethene
 Concen: 1.629 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.007 min
 Lab File: VU049575.D
 Acq: 30 Jun 2022 19:54

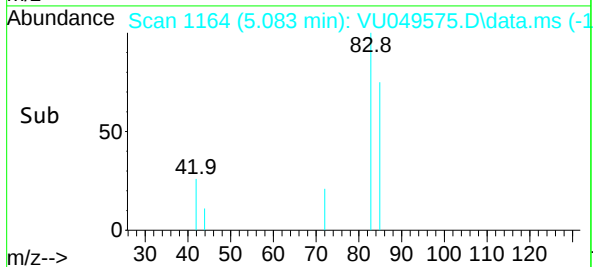
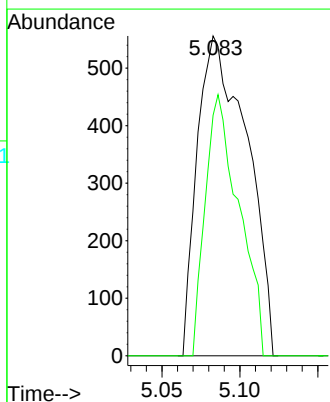
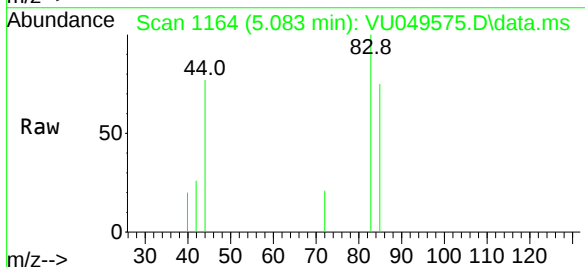
Instrument :
 MSVOA_U
 ClientSampleId :
 RE122D1-20220621

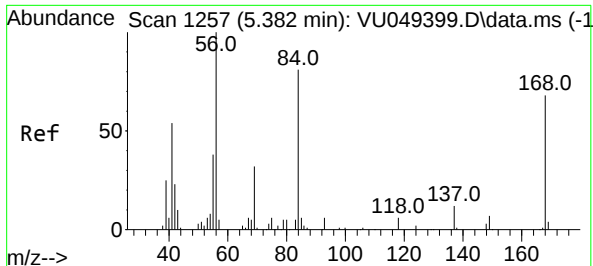
Tgt Ion: 96 Resp: 5094
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 271.6
 98 60.8 0.0 128.2



#30
 Chloroform
 Concen: 0.223 ug/l
 RT: 5.083 min Scan# 1164
 Delta R.T. -0.003 min
 Lab File: VU049575.D
 Acq: 30 Jun 2022 19:54

Tgt Ion: 83 Resp: 1230
 Ion Ratio Lower Upper
 83 100
 85 75.2 51.2 76.8





#31

Cyclohexane

Concen: 0.942 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049575.D

Acq: 30 Jun 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

RE122D1-20220621

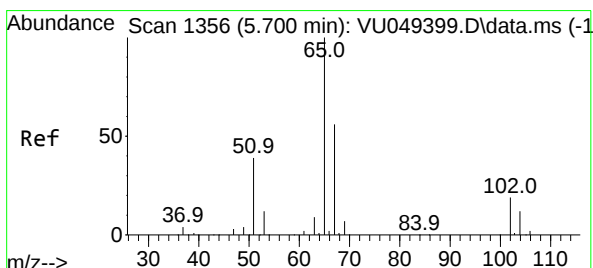
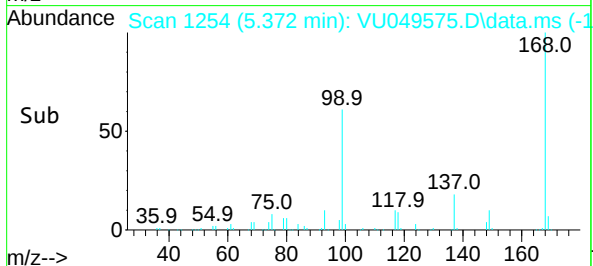
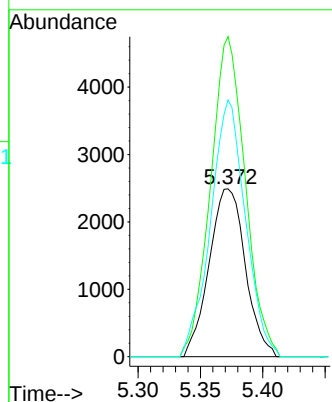
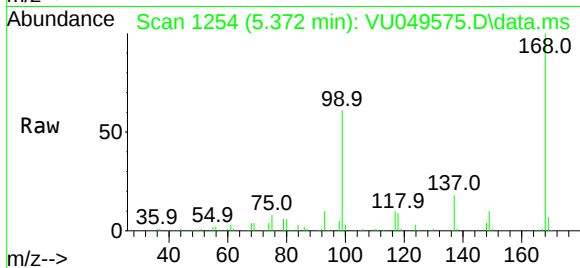
Tgt Ion: 56 Resp: 5035

Ion Ratio Lower Upper

56 100

69 190.6 27.8 41.8#

84 153.0 74.2 111.4#



#33

1,2-Dichloroethane-d4

Concen: 46.268 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049575.D

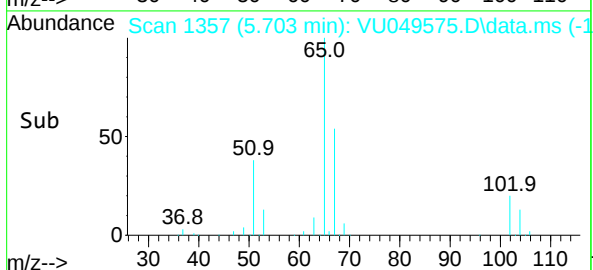
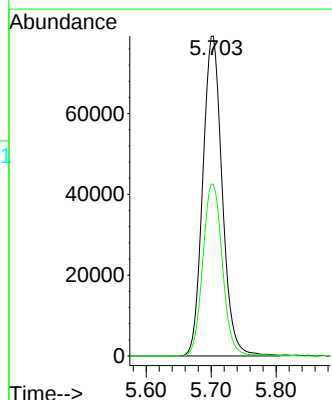
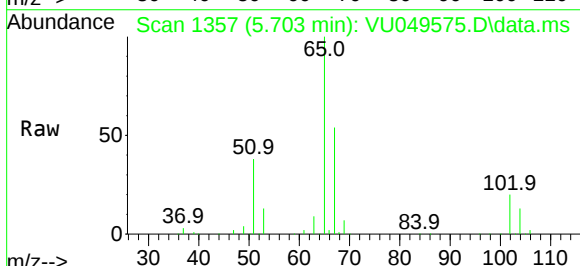
Acq: 30 Jun 2022 19:54

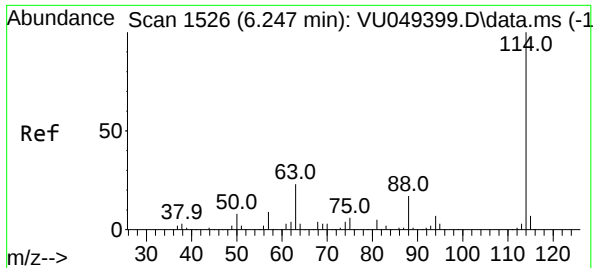
Tgt Ion: 65 Resp: 164745

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0

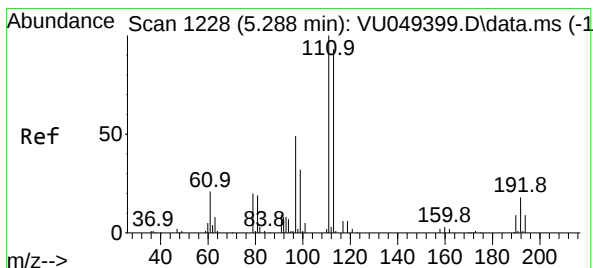
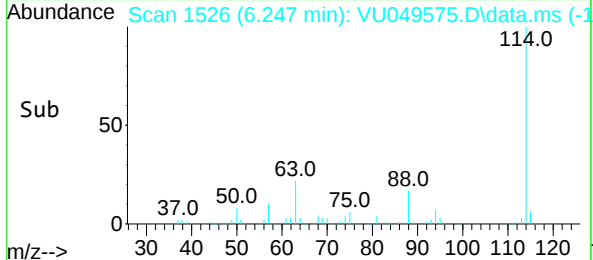
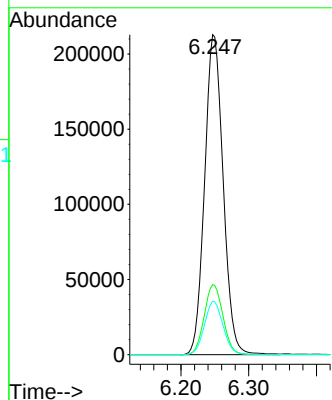
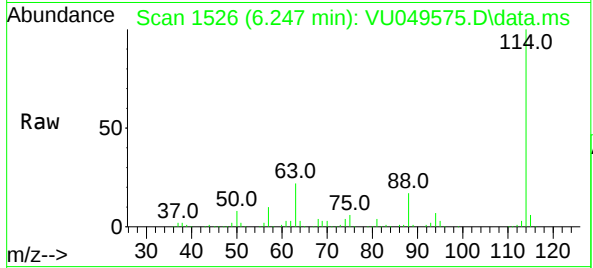




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

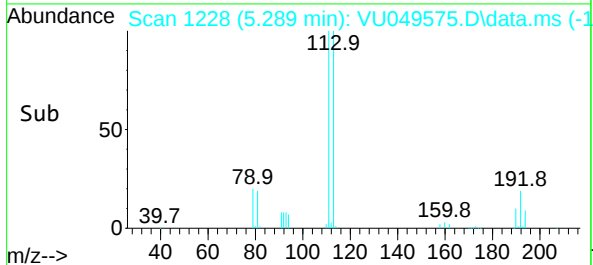
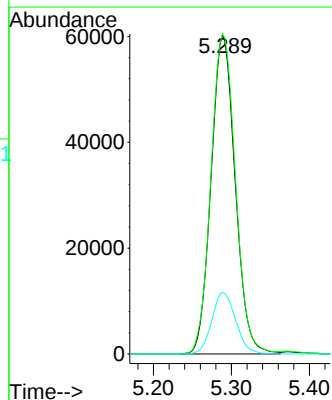
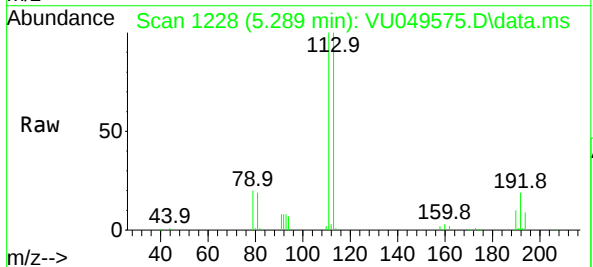
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

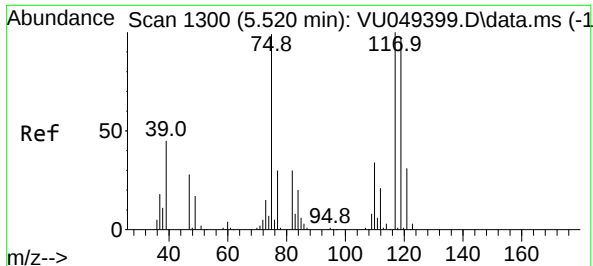
Tgt Ion:114 Resp: 404354
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.7 0.0 29.2



#35
Dibromofluoromethane
Concen: 45.720 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion:113 Resp: 129339
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 19.1 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.585 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049575.D

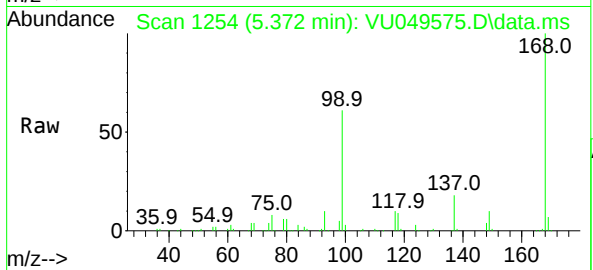
Acq: 30 Jun 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

RE122D1-20220621



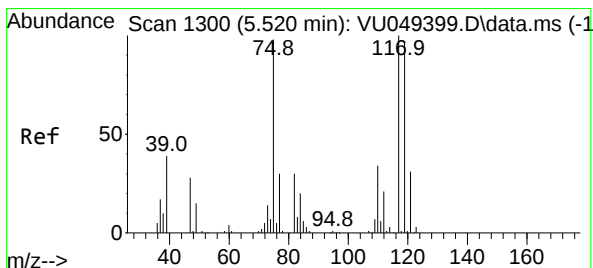
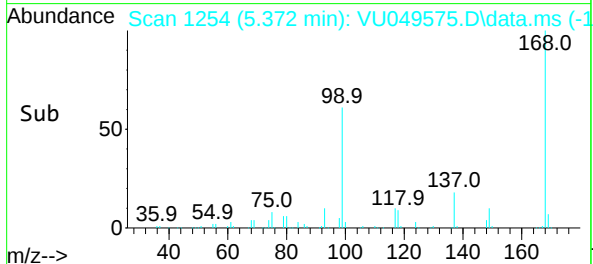
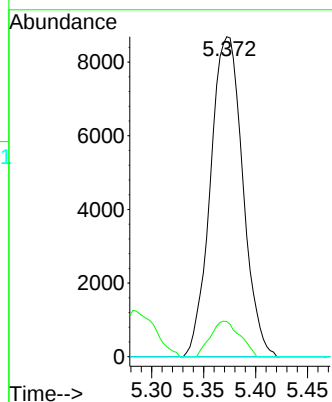
Tgt Ion: 75 Resp: 18807

Ion Ratio Lower Upper

75 100

110 10.1 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 0.224 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.010 min

Lab File: VU049575.D

Acq: 30 Jun 2022 19:54

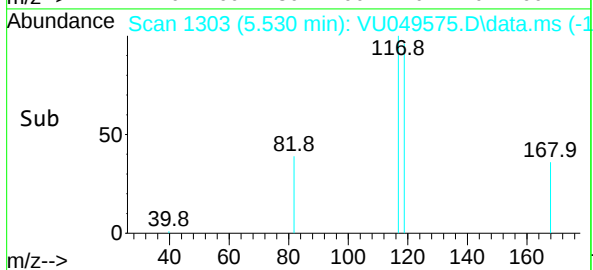
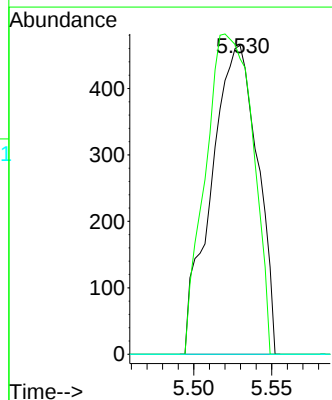
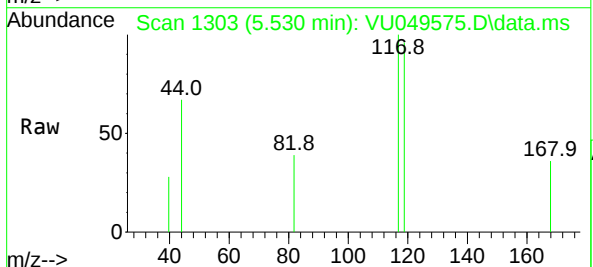
Tgt Ion: 117 Resp: 962

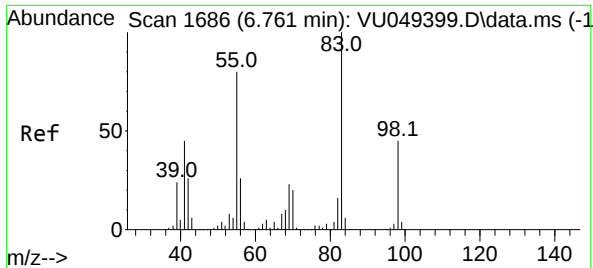
Ion Ratio Lower Upper

117 100

119 95.7 76.8 115.2

121 0.0 24.7 37.1#

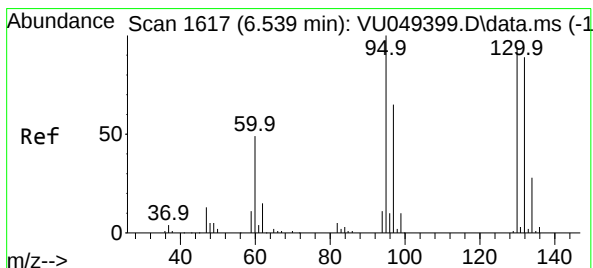
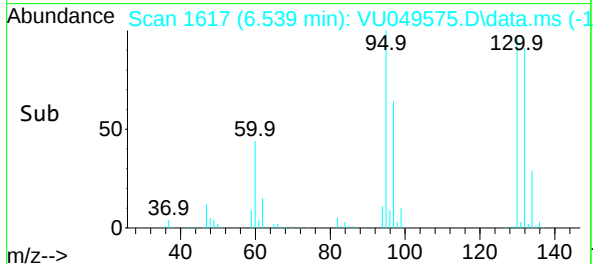
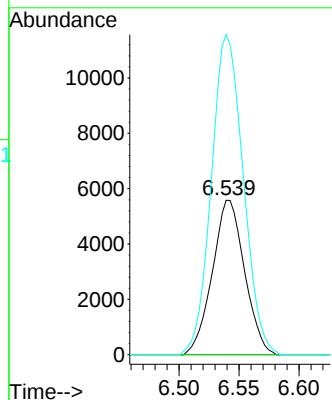
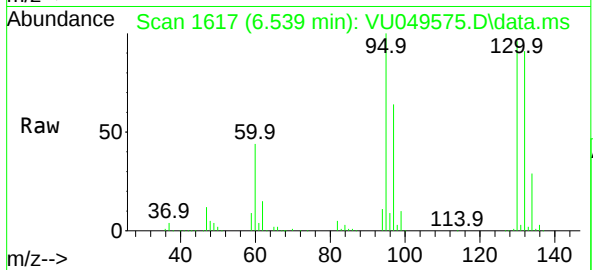




#39
Methylcyclohexane
Concen: 2.118 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.222 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

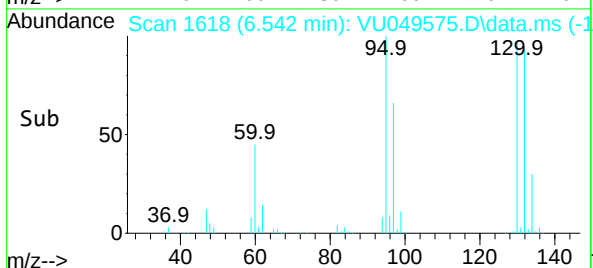
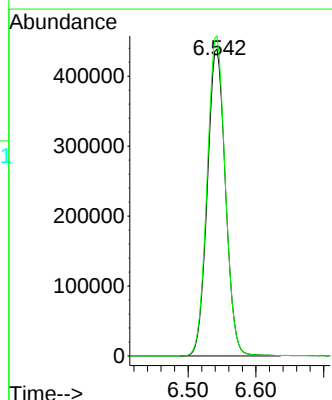
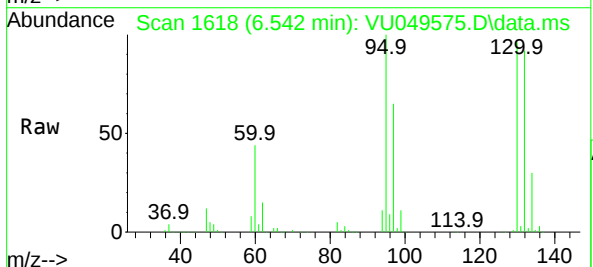
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

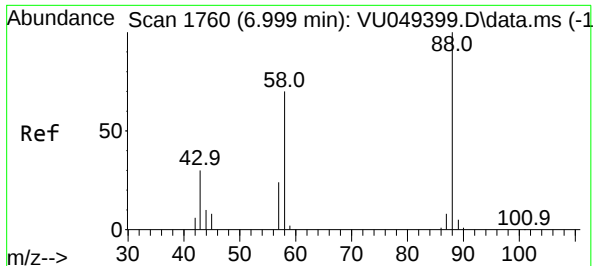
Tgt Ion: 83 Resp: 10412
Ion Ratio Lower Upper
83 100
55 0.0 55.3 82.9#
98 207.2 37.3 55.9#



#44
Trichloroethene
Concen: 277.955 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion:130 Resp: 818312
Ion Ratio Lower Upper
130 100
95 104.3 0.0 184.6

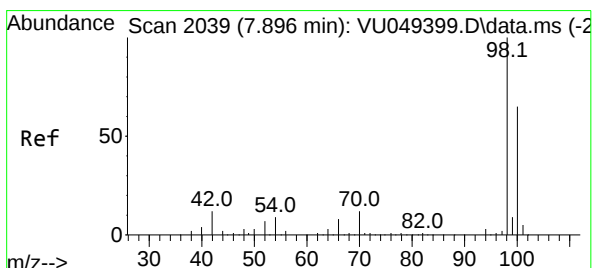
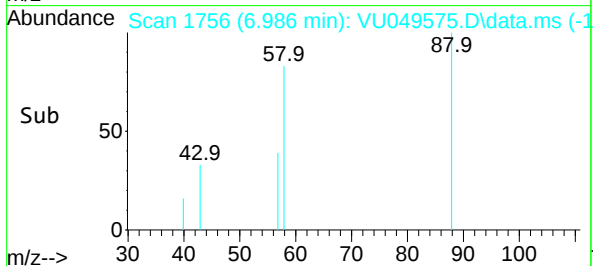
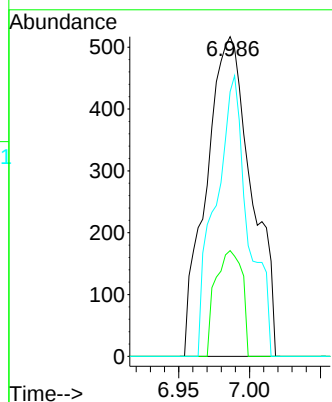
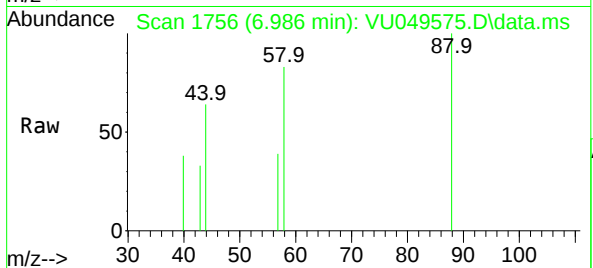




#49
1,4-Dioxane
Concen: 11.642 ug/l
RT: 6.986 min Scan# 1756
Delta R.T. -0.013 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

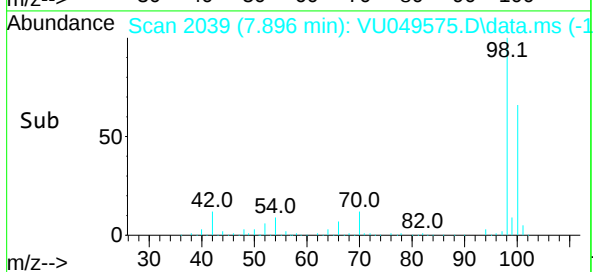
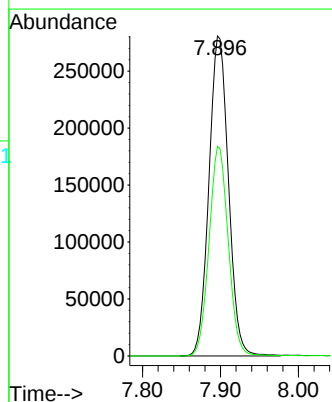
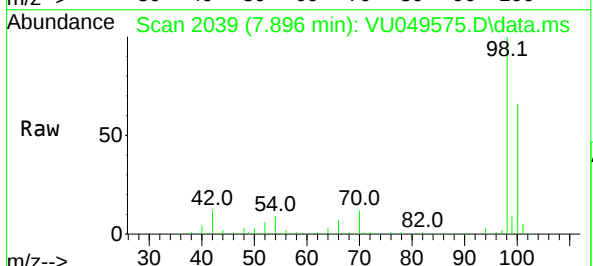
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

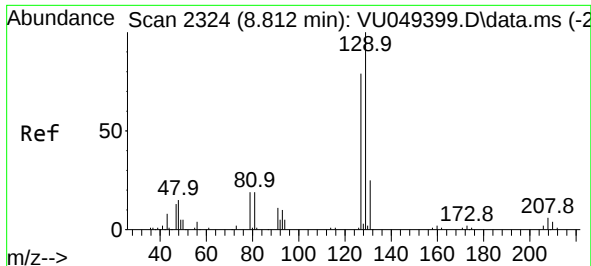
Tgt Ion: 88 Resp: 1148
Ion Ratio Lower Upper
88 100
43 19.4 0.0 0.0#
58 63.6 15.4 23.0#



#50
Toluene-d8
Concen: 48.366 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion: 98 Resp: 488025
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

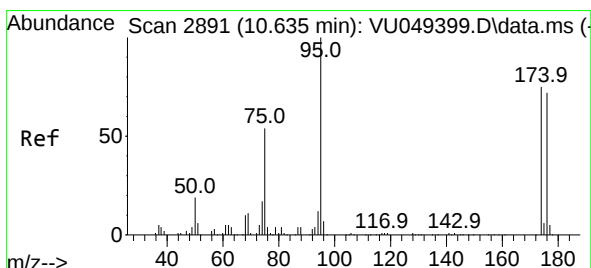
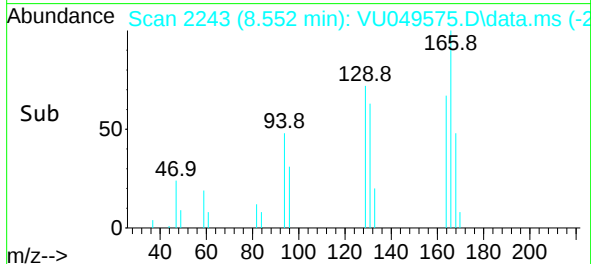
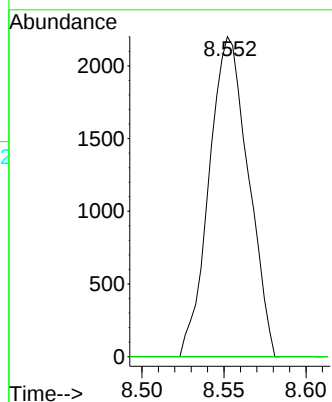
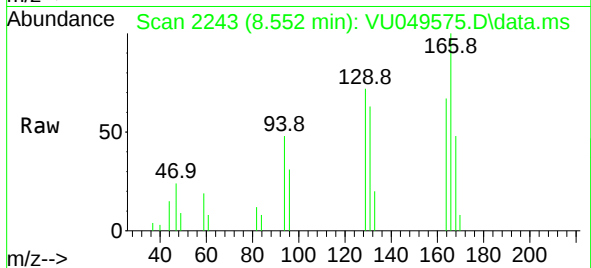




#60
Dibromochloromethane
Concen: 1.154 ug/l
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

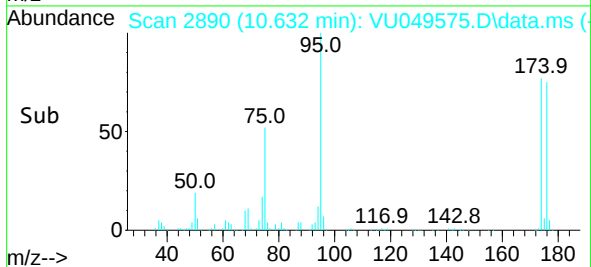
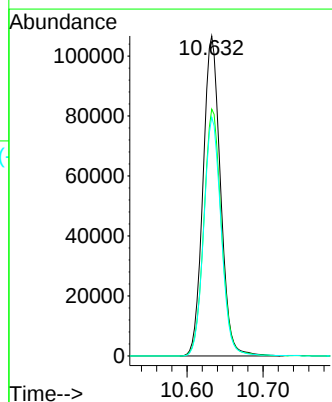
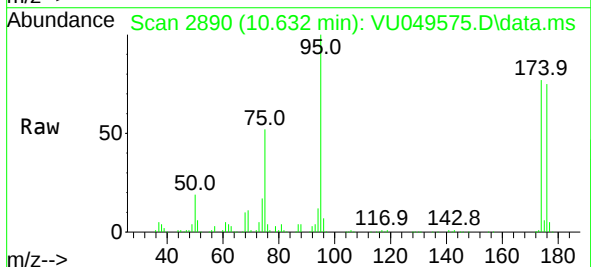
Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

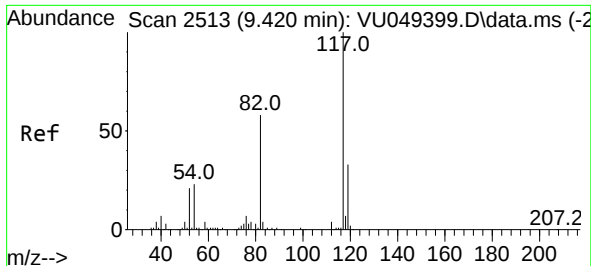
Tgt Ion:129 Resp: 3652
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 44.069 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

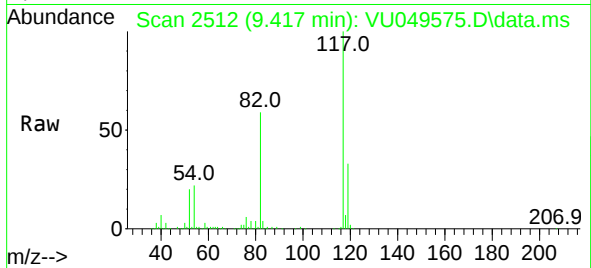
Tgt Ion: 95 Resp: 170334
Ion Ratio Lower Upper
95 100
174 77.3 0.0 182.0
176 74.1 0.0 177.8



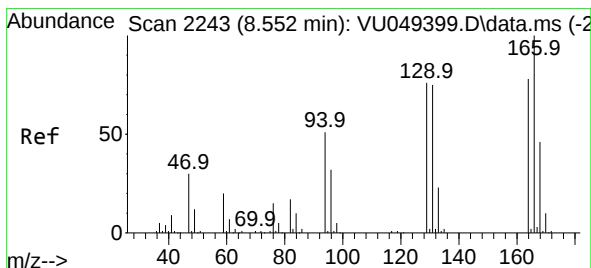
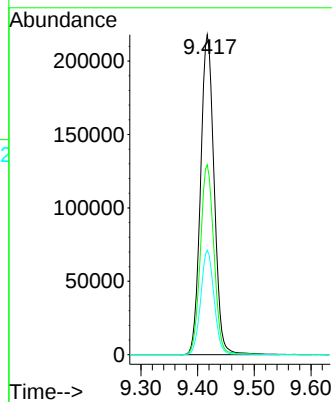
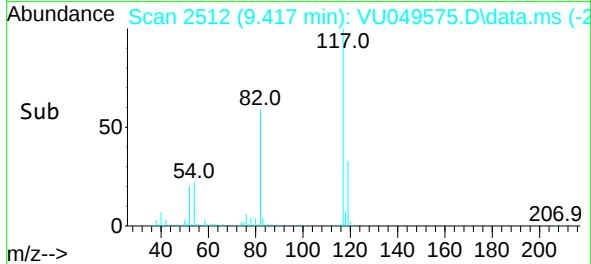


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

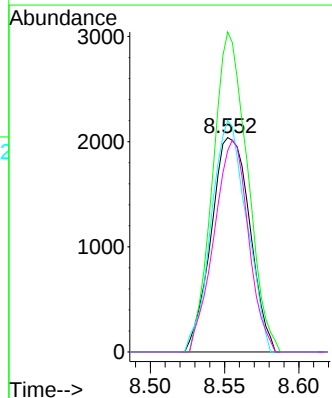
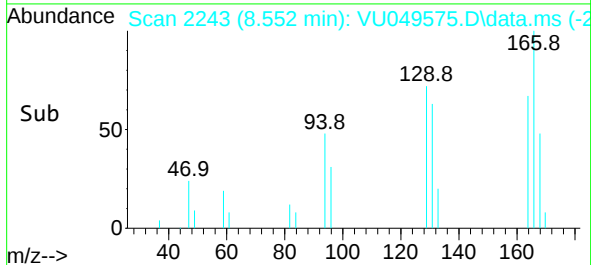
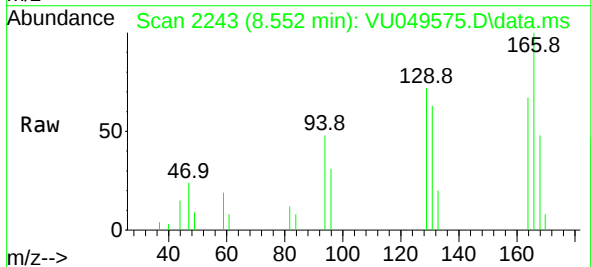


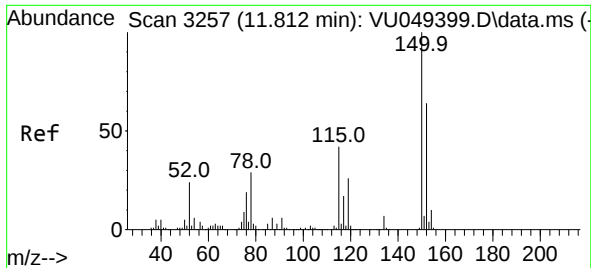
Tgt Ion:117 Resp: 362775
Ion Ratio Lower Upper
117 100
82 59.4 41.7 62.5
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 1.585 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion:164 Resp: 3688
Ion Ratio Lower Upper
164 100
166 149.2 100.0 150.0
129 107.9 72.0 108.0
131 94.0 69.7 104.5

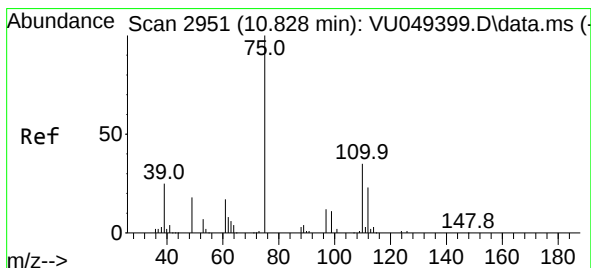
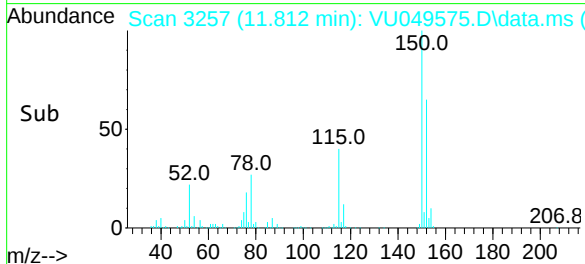
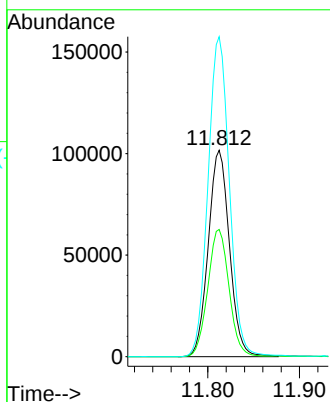
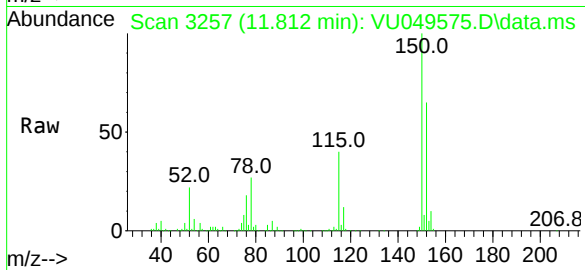




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049575.D
 Acq: 30 Jun 2022 19:54

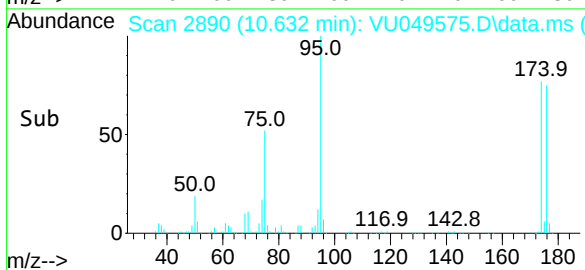
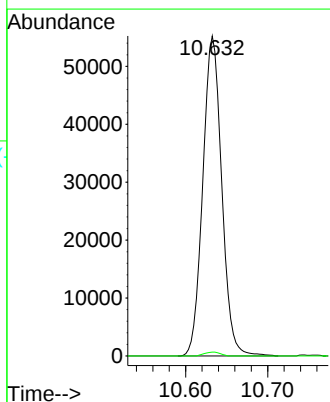
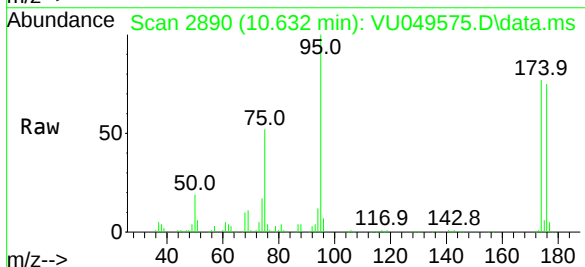
Instrument :
 MSVOA_U
 ClientSampleId :
 RE122D1-20220621

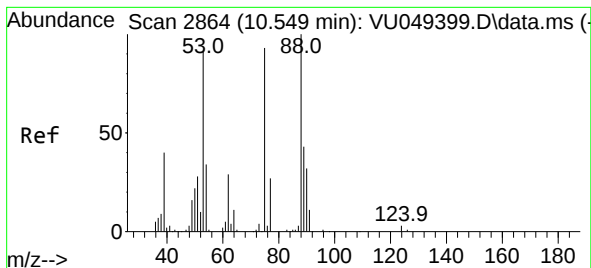
Tgt Ion:152 Resp: 163473
 Ion Ratio Lower Upper
 152 100
 115 61.8 37.0 110.9
 150 156.1 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.984 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049575.D
 Acq: 30 Jun 2022 19:54

Tgt Ion: 75 Resp: 88576
 Ion Ratio Lower Upper
 75 100
 77 1.0 15.8 47.3#

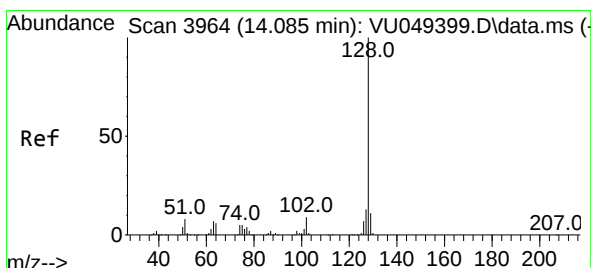
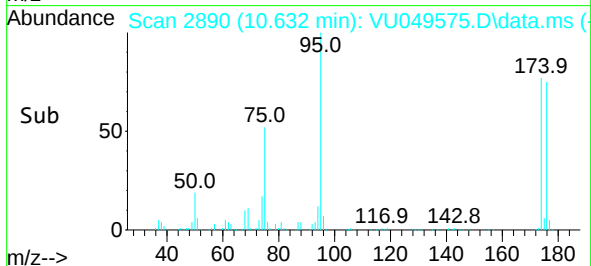
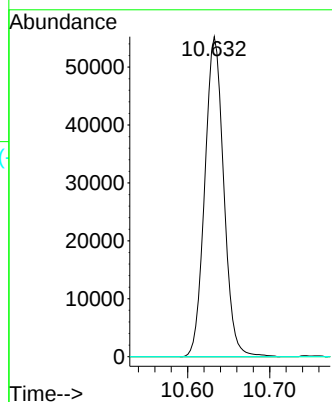
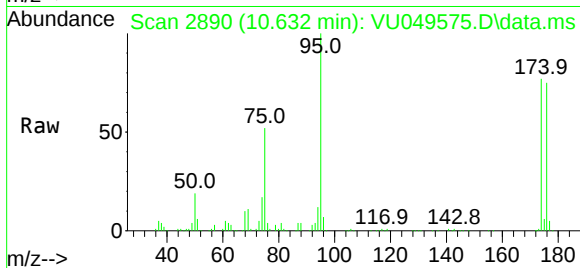




#81
trans-1,4-Dichloro-2-butene
Concen: 59.027 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Instrument :
MSVOA_U
ClientSampleId :
RE122D1-20220621

Tgt Ion: 75 Resp: 88576
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.763 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU049575.D
Acq: 30 Jun 2022 19:54

Tgt Ion: 128 Resp: 360
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

