

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049581.D
 Acq On : 01 Jul 2022 14:33
 Operator : SY/MD
 Sample : VU0701MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0701MBL01

Quant Time: Jul 04 06:44:56 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)

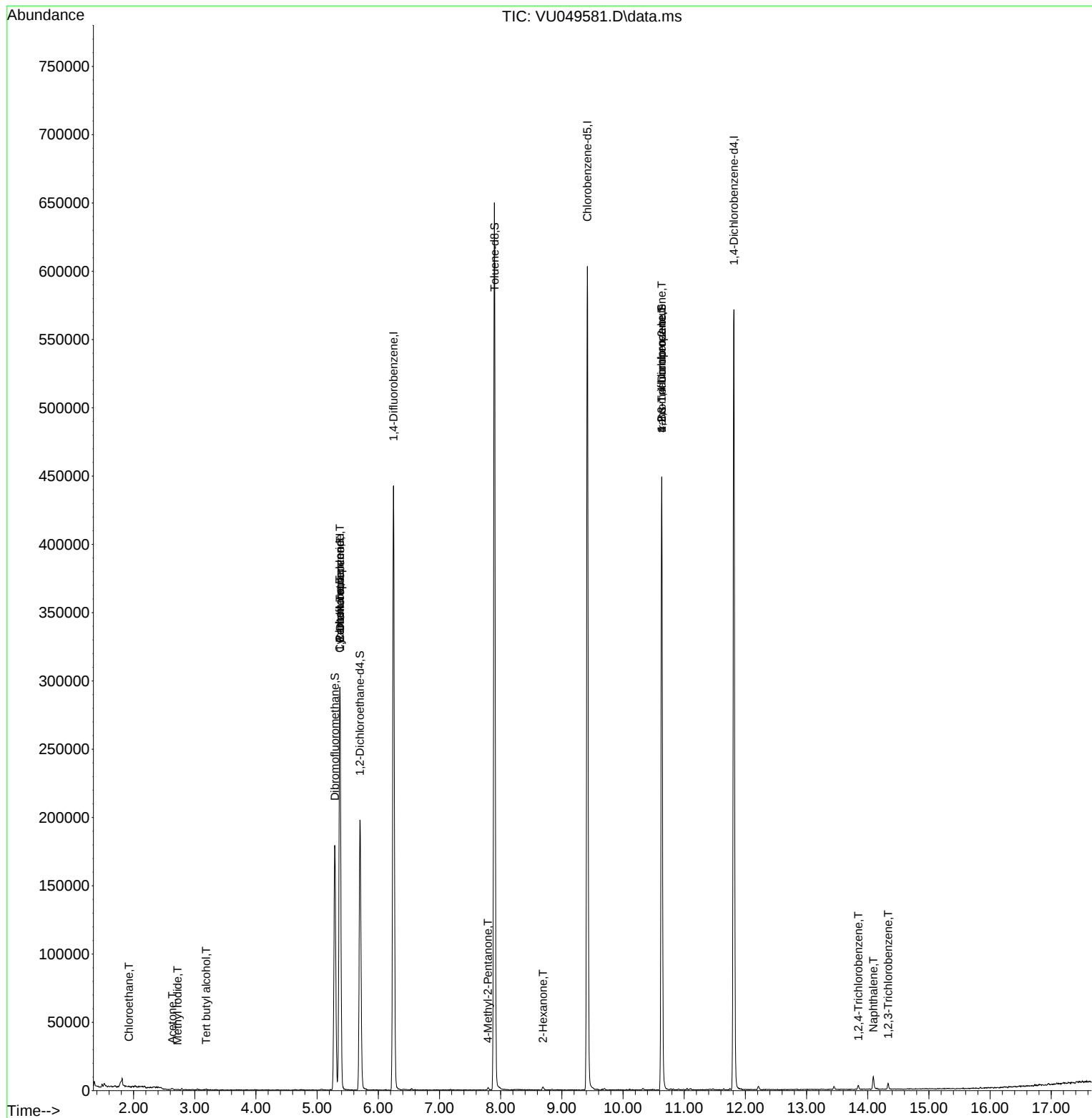
Internal Standards						
1) Pentafluorobenzene	5.372	168	201773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	353465	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	324094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	146029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	148074	47.652	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.300%		
35) Dibromofluoromethane	5.288	113	113623	45.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	7.899	98	432329	49.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	10.632	95	152341	45.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.180%		
Target Compounds						
3) Chloromethane	1.517	50	2443	Below Cal		95
6) Chloroethane	1.922	64	70	1.960 ug/l	#	44
10) Methyl Iodide	2.716	142	111	7.556 ug/l	#	43
11) Tert butyl alcohol	3.186	59	423	0.582 ug/l	#	37
16) Acetone	2.636	43	863	0.551 ug/l	#	81
20) Methylene Chloride	3.038	84	261	Below Cal	#	79
31) Cyclohexane	5.369	56	4840	1.037 ug/l	#	1
36) 1,1-Dichloropropene	5.375	75	17096	4.768 ug/l	#	48
38) Carbon Tetrachloride	5.372	117	21214	5.641 ug/l	#	16
51) 4-Methyl-2-Pentanone	7.793	43	1343	0.280 ug/l	#	82
59) 2-Hexanone	8.690	43	1973	0.522 ug/l		74
76) 1,2,3-Trichloropropane	10.632	75	80891	16.341 ug/l	#	45
81) trans-1,4-Dichloro-2-b...	10.632	75	80891	60.345 ug/l	#	15
93) 1,2,4-Trichlorobenzene	13.844	180	1195	2.106 ug/l		98
95) Naphthalene	14.092	128	8435	2.448 ug/l		97
96) 1,2,3-Trichlorobenzene	14.333	180	1646	1.655 ug/l		98

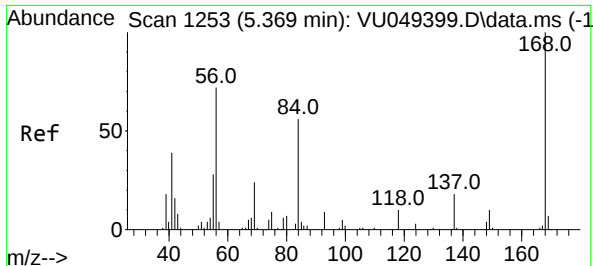
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
Data File : VU049581.D
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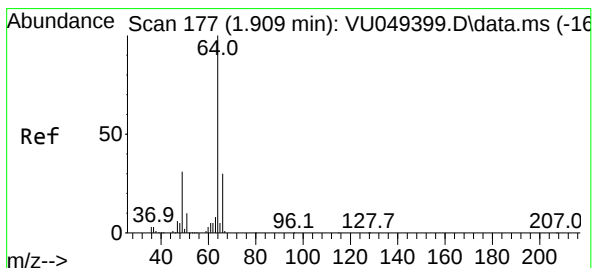
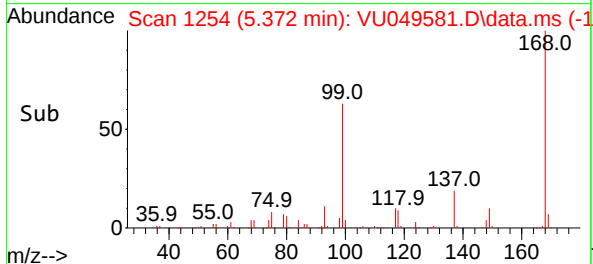
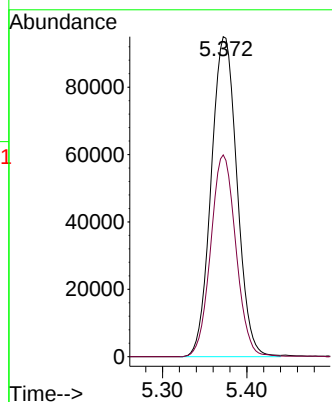
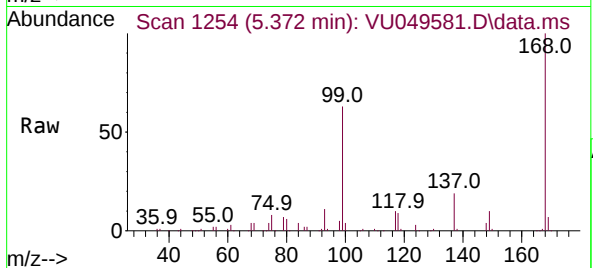




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

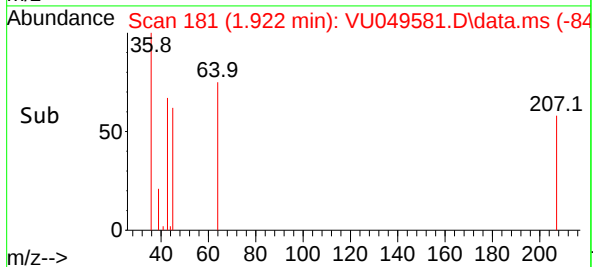
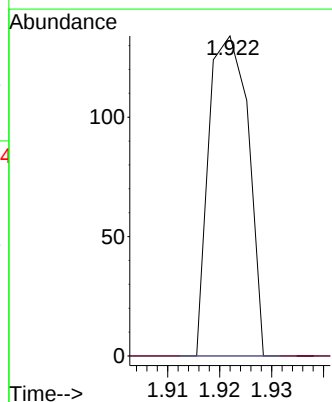
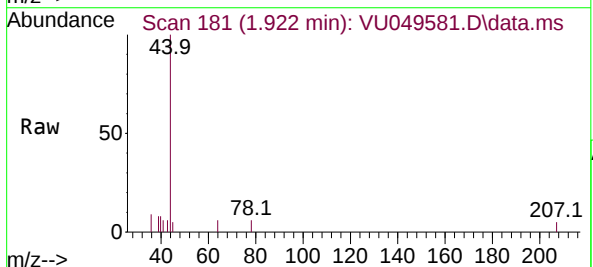
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

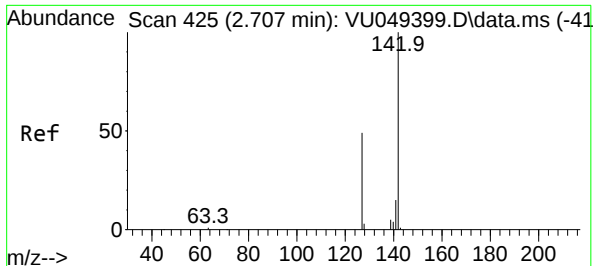
Tgt Ion:168 Resp: 201773
Ion Ratio Lower Upper
168 100
99 63.0 39.3 58.9#



#6
Chloroethane
Concen: 1.960 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

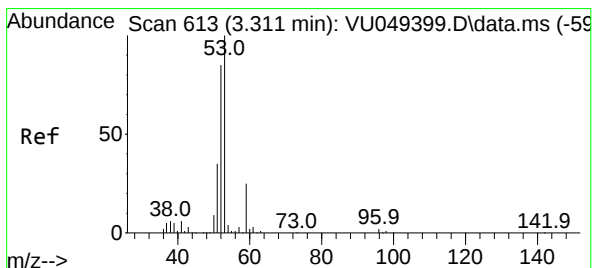
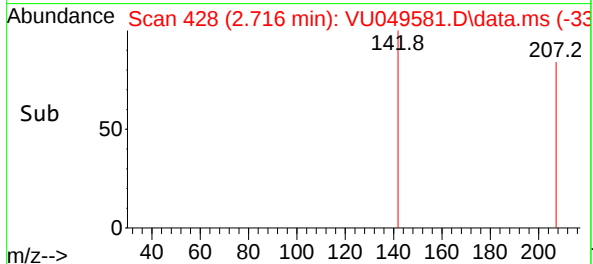
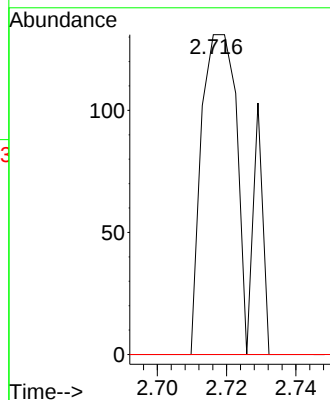
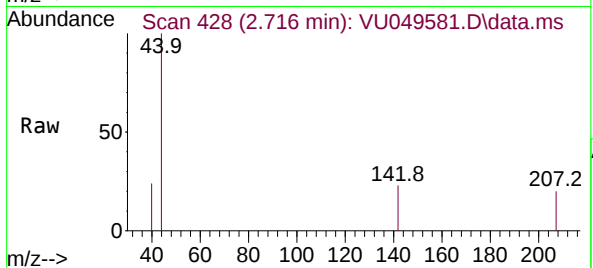




#10
Methyl Iodide
Concen: 7.556 ug/l
RT: 2.716 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

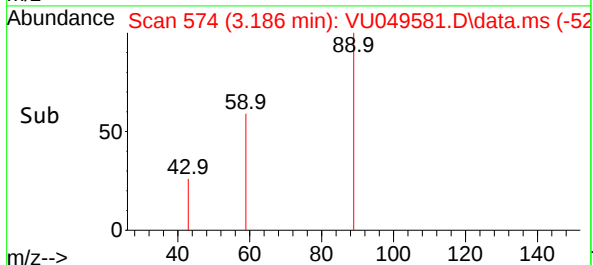
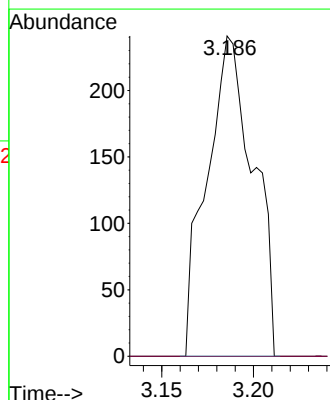
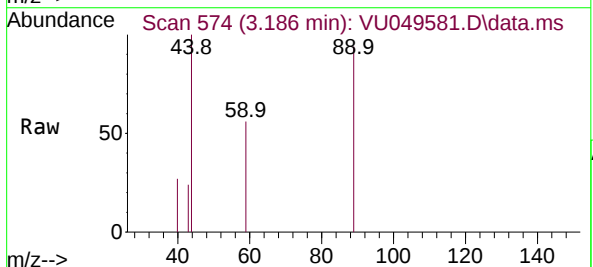
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

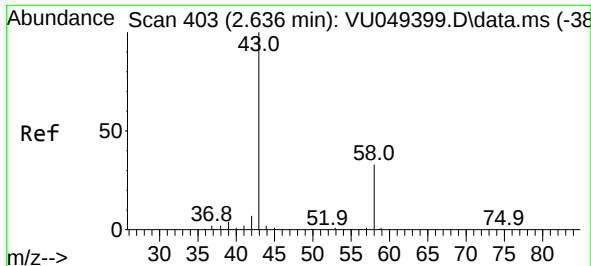
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.582 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#16

Acetone

Concen: 0.551 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU049581.D

Acq: 01 Jul 2022 14:33

Instrument :

MSVOA_U

ClientSampleId :

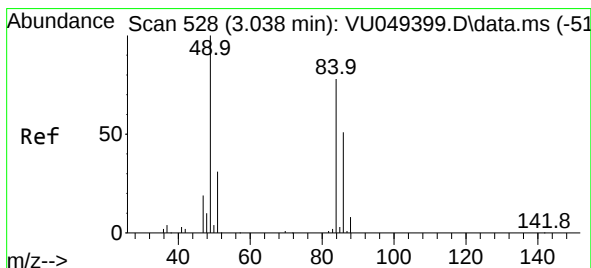
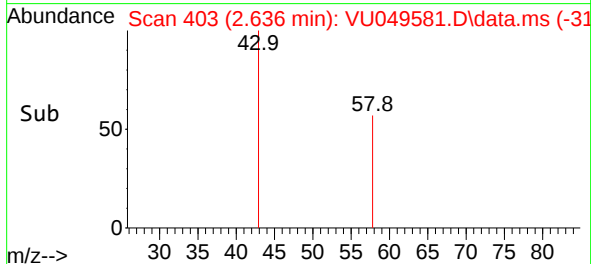
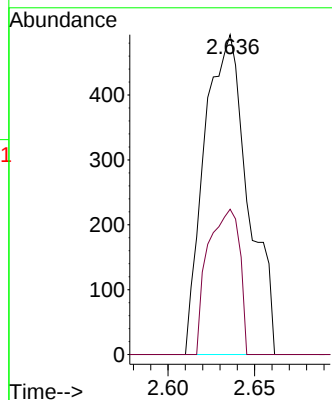
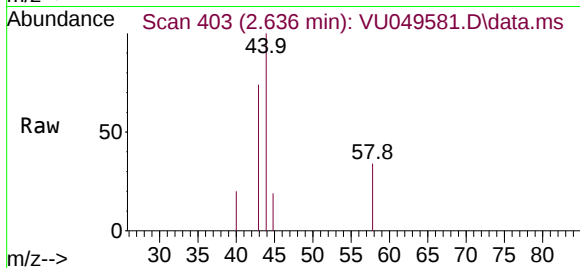
VU0701MBL01

Tgt Ion: 43 Resp: 863

Ion Ratio Lower Upper

43 100

58 45.4 27.5 41.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.038 min Scan# 528

Delta R.T. 0.000 min

Lab File: VU049581.D

Acq: 01 Jul 2022 14:33

Tgt Ion: 84 Resp: 261

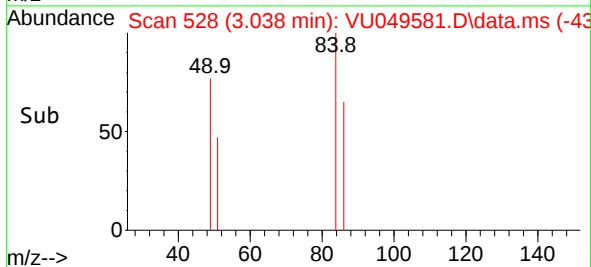
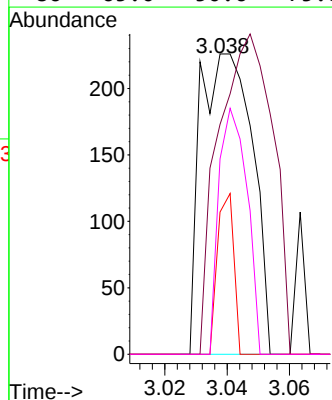
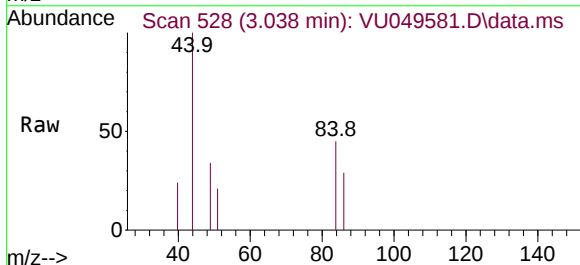
Ion Ratio Lower Upper

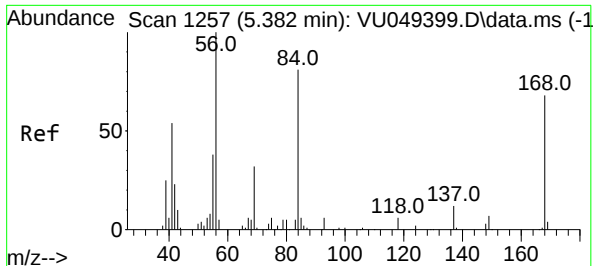
84 100

49 76.5 86.6 129.8#

51 47.3 26.6 40.0#

86 65.0 50.6 75.8

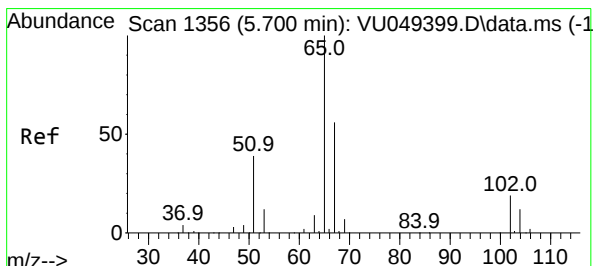
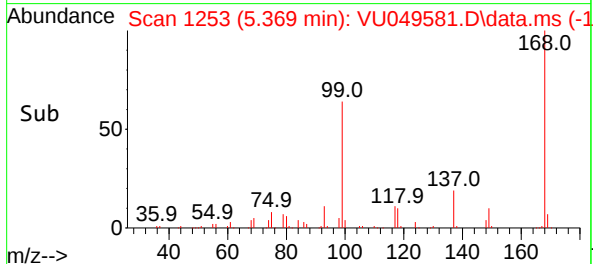
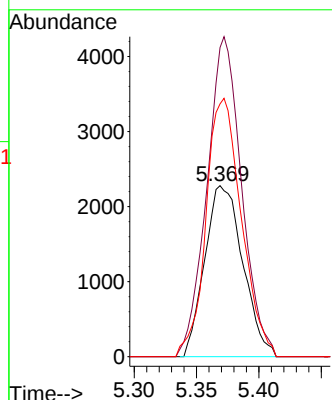
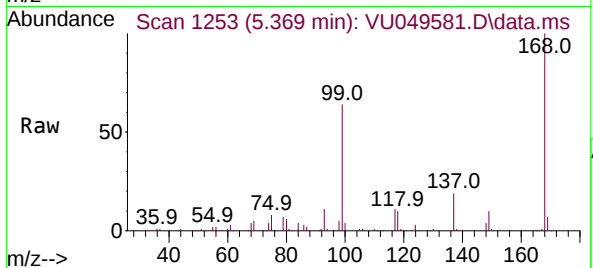




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

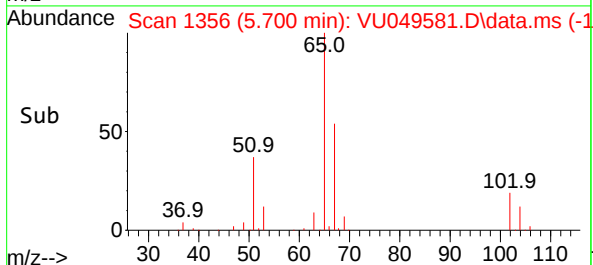
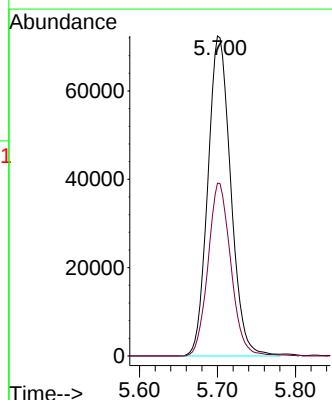
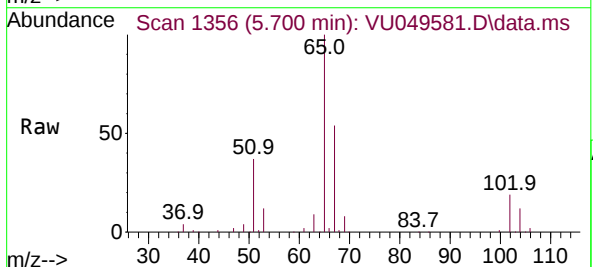
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

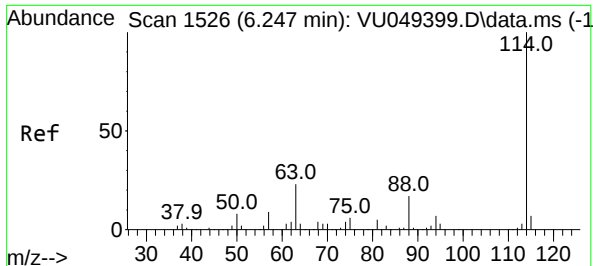
Tgt Ion: 56 Resp: 4840
Ion Ratio Lower Upper
56 100
69 180.8 27.8 41.8#
84 147.8 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 47.652 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion: 65 Resp: 148074
Ion Ratio Lower Upper
65 100
67 53.8 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: VU049581.D

Acq: 01 Jul 2022 14:33

Instrument :

MSVOA_U

ClientSampleId :

VU0701MBL01

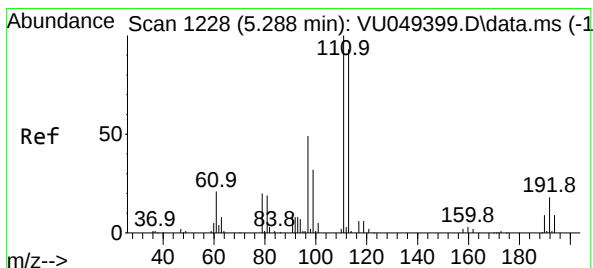
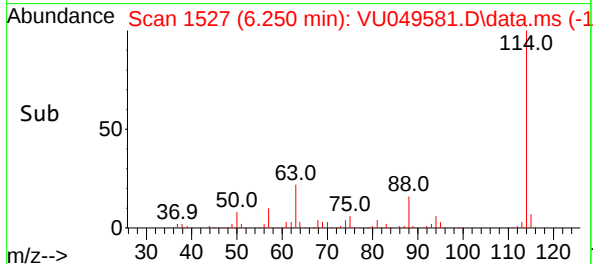
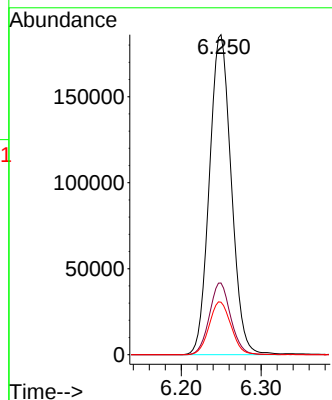
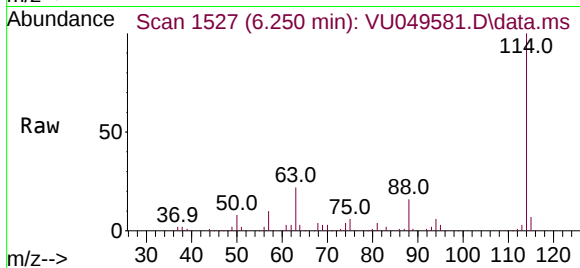
Tgt Ion:114 Resp: 353465

Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.947 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049581.D

Acq: 01 Jul 2022 14:33

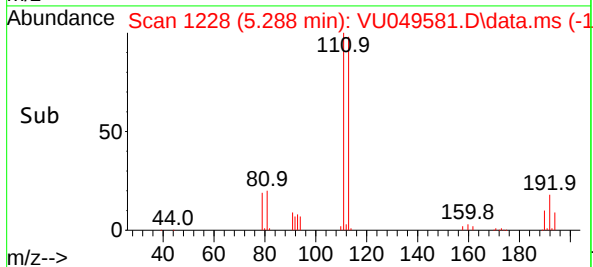
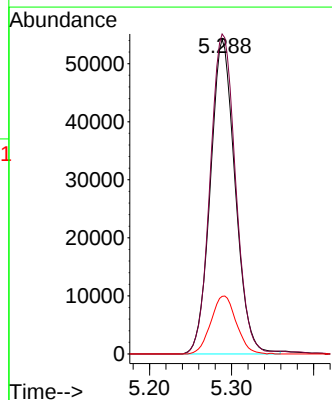
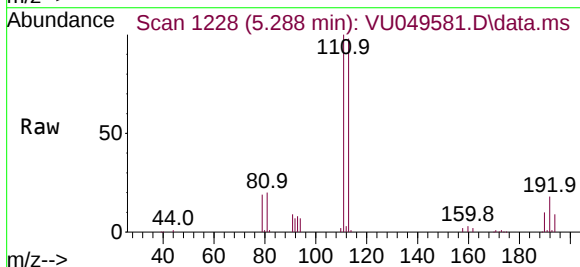
Tgt Ion:113 Resp: 113623

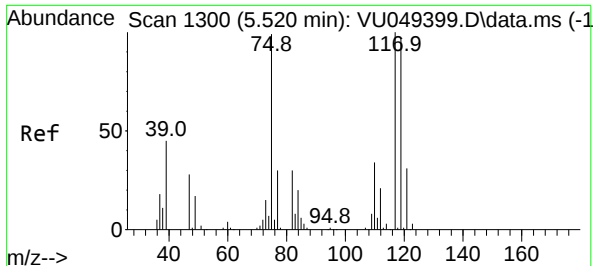
Ion Ratio Lower Upper

113 100

111 104.2 82.1 123.1

192 18.9 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.768 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.145 min

Lab File: VU049581.D

Acq: 01 Jul 2022 14:33

Instrument :

MSVOA_U

ClientSampleId :

VU0701MBL01

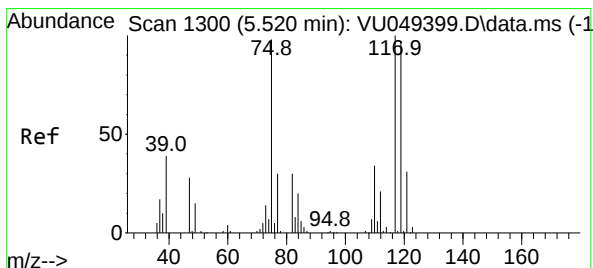
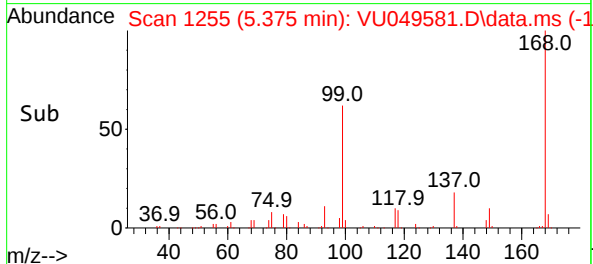
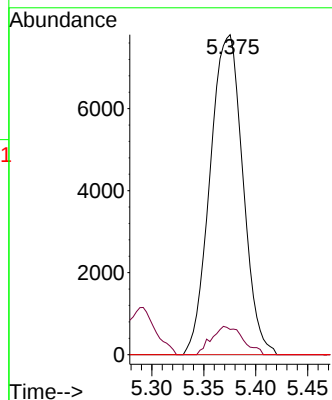
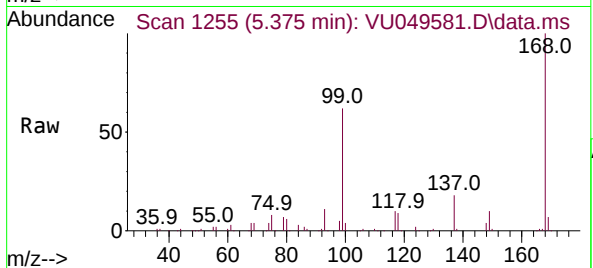
Tgt Ion: 75 Resp: 17096

Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.641 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049581.D

Acq: 01 Jul 2022 14:33

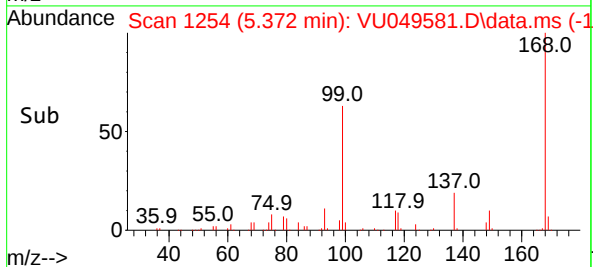
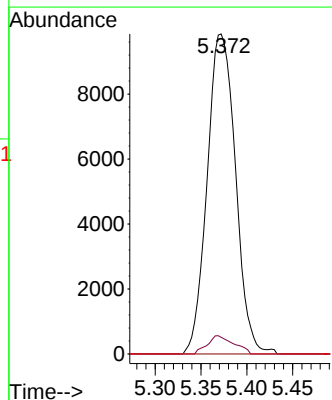
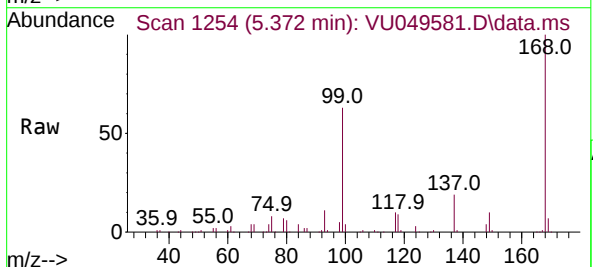
Tgt Ion: 117 Resp: 21214

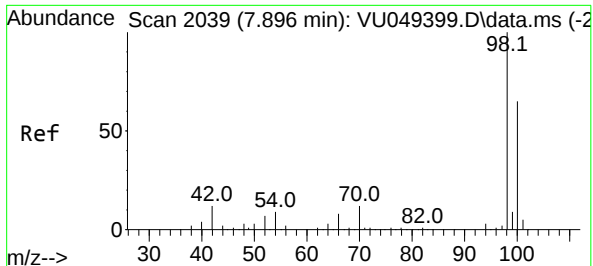
Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

121 0.0 24.7 37.1#

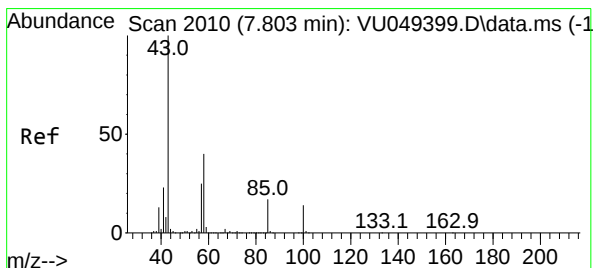
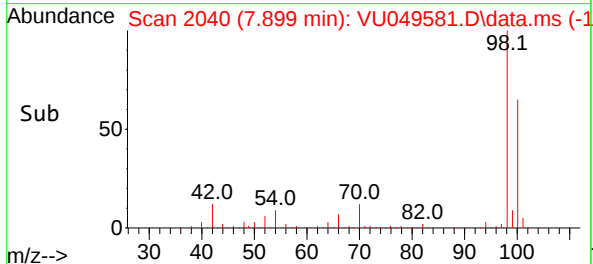
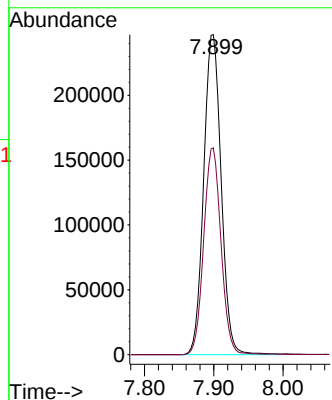
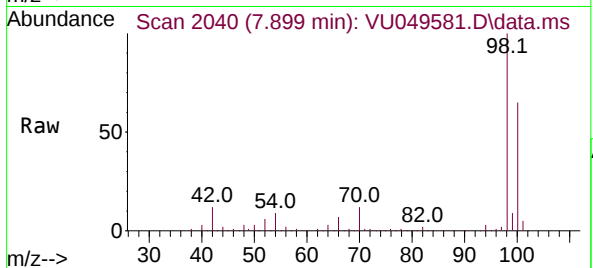




#50
Toluene-d8
Concen: 49.015 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

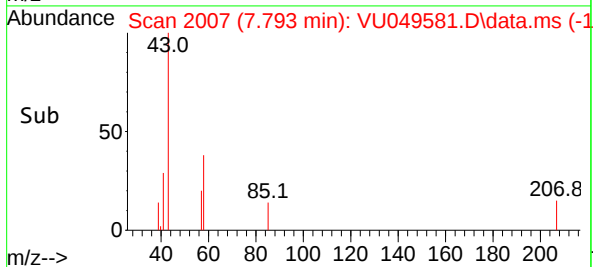
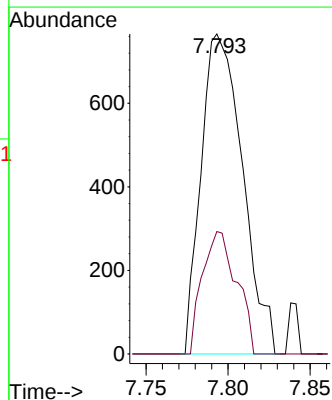
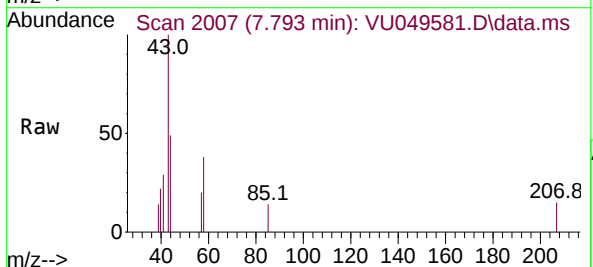
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

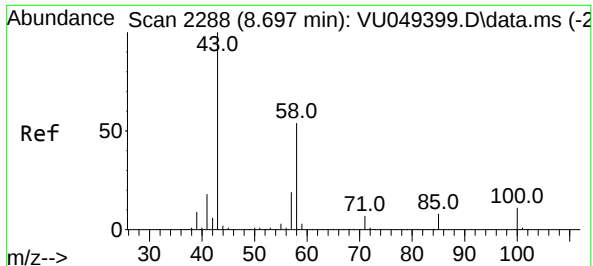
Tgt Ion: 98 Resp: 432329
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.010 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 31.6 34.7 52.1#

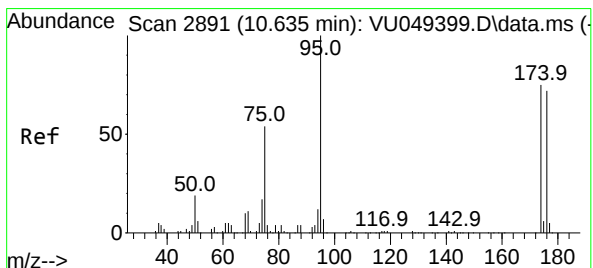
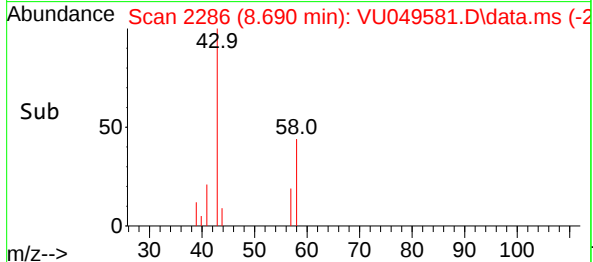
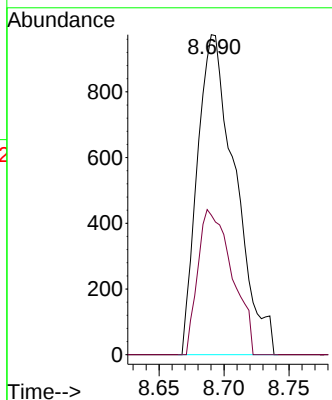
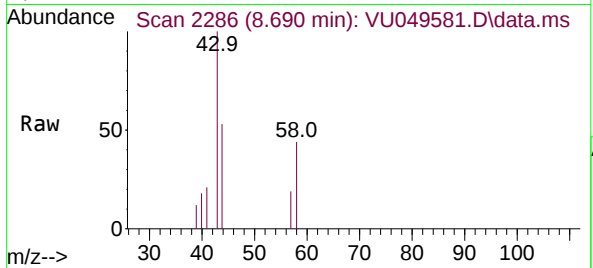




#59
2-Hexanone
Concen: 0.522 ug/l
RT: 8.690 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

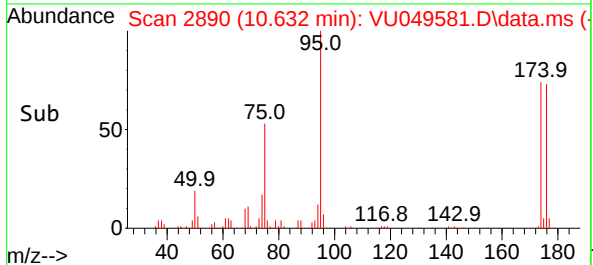
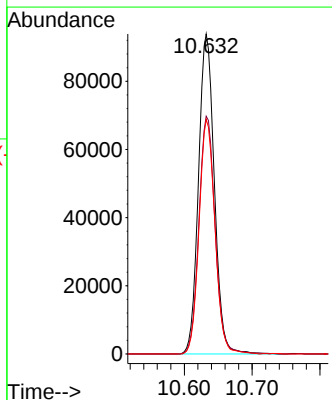
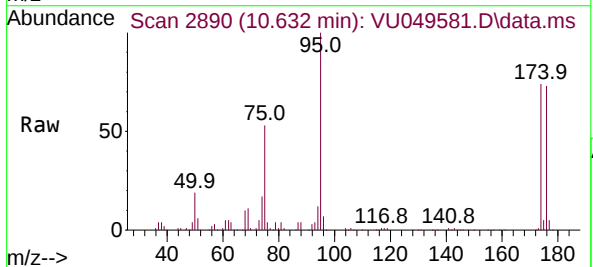
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

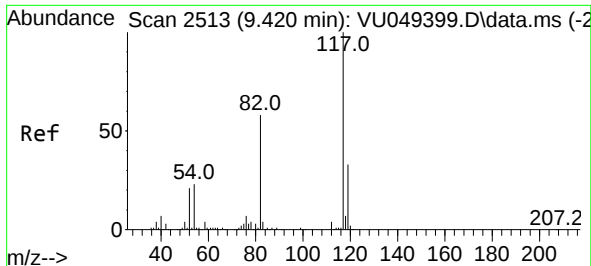
Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
58 41.1 30.3 90.8



#62
4-Bromofluorobenzene
Concen: 45.088 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion: 95 Resp: 152341
Ion Ratio Lower Upper
95 100
174 76.2 0.0 182.0
176 73.5 0.0 177.8

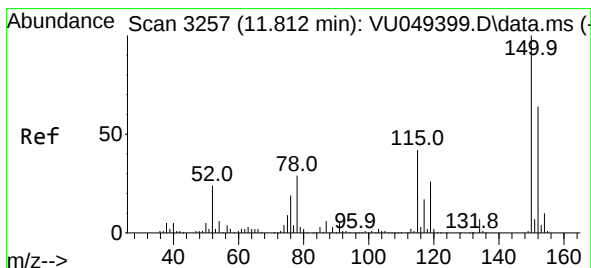
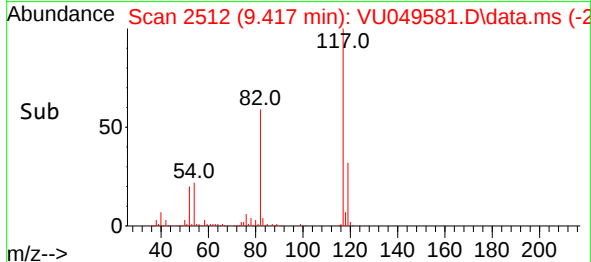
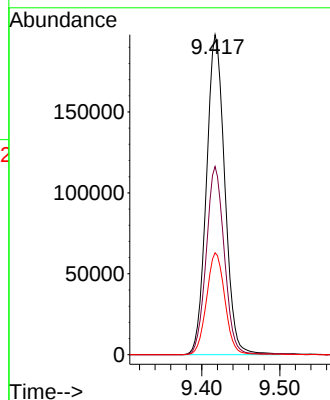
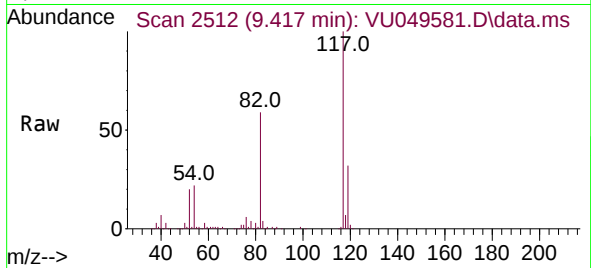




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

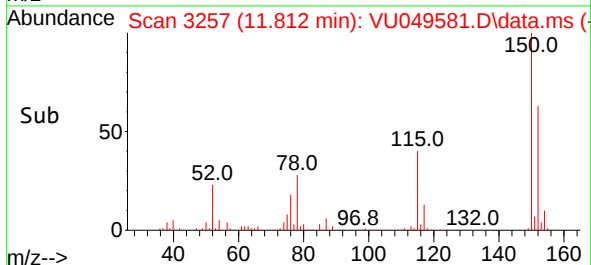
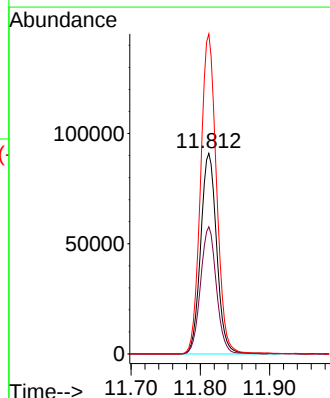
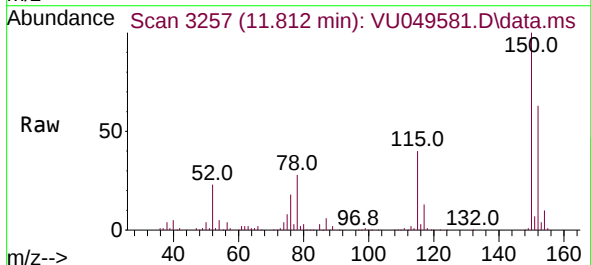
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

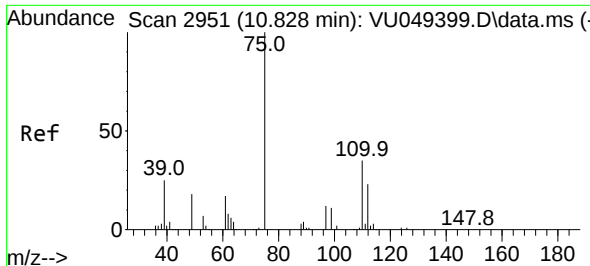
Tgt Ion:	117	Resp:	324094
Ion	Ratio	Lower	Upper
117	100		
82	58.8	41.7	62.5
119	31.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion:	152	Resp:	146029
Ion	Ratio	Lower	Upper
152	100		
115	63.0	37.0	110.9
150	158.2	0.0	342.2

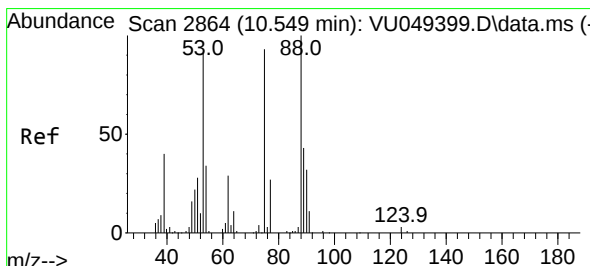
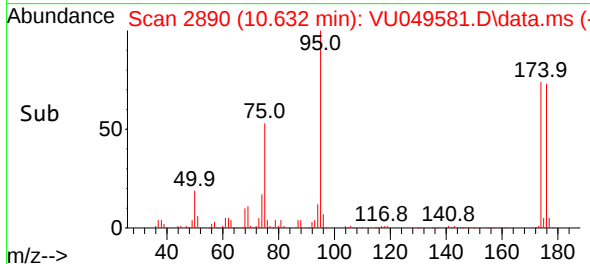
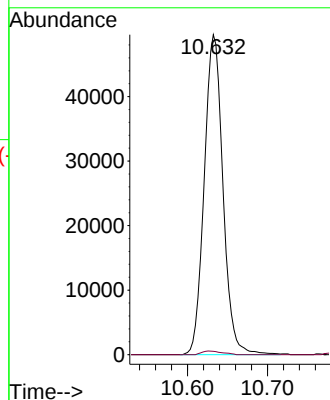
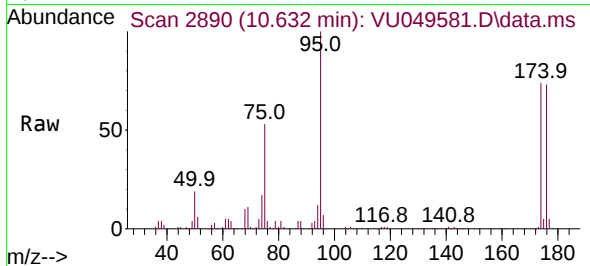




#76
1,2,3-Trichloropropane
Concen: 16.341 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

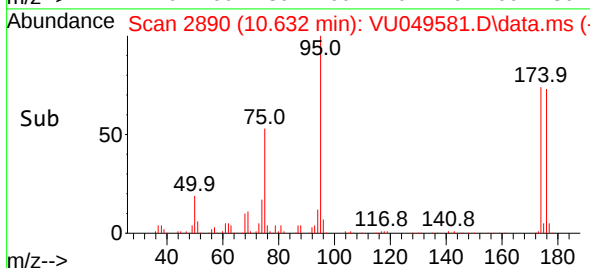
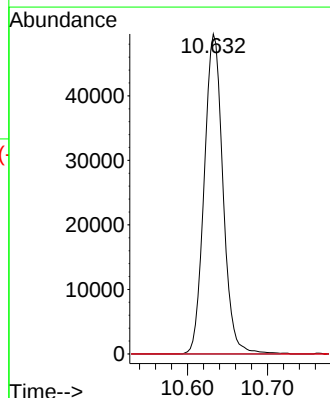
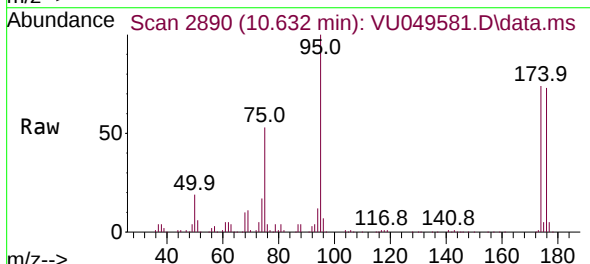
Instrument :
MSVOA_U
ClientSampleId :
VU0701MBL01

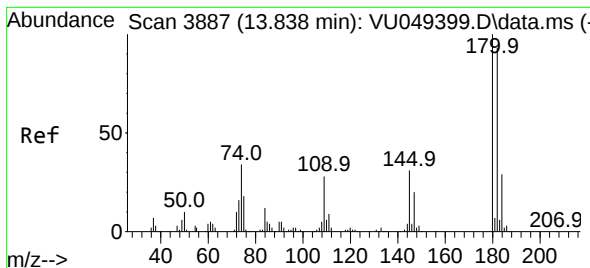
Tgt Ion: 75 Resp: 80891
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.345 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049581.D
Acq: 01 Jul 2022 14:33

Tgt Ion: 75 Resp: 80891
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: 2.106 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. 0.006 min

Lab File: VU049581.D

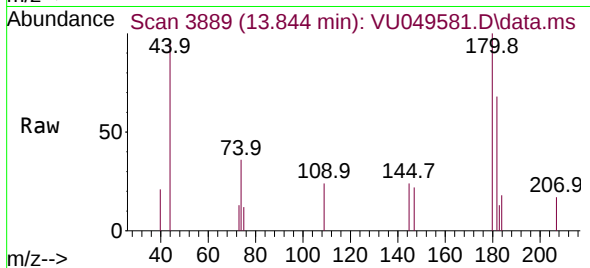
Acq: 01 Jul 2022 14:33

Instrument :

MSVOA_U

ClientSampleId :

VU0701MBL01



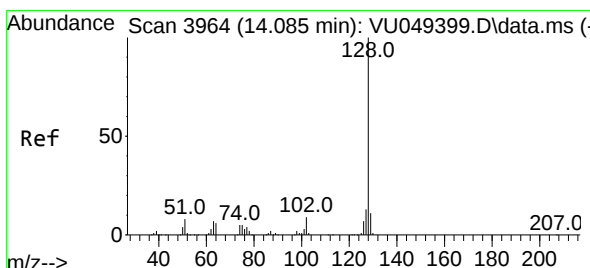
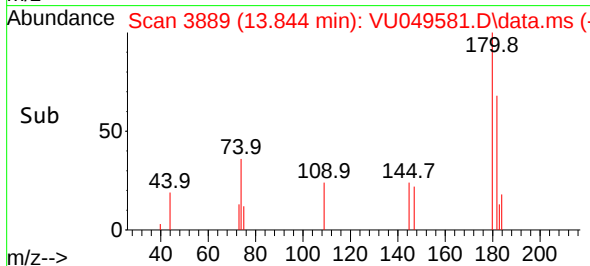
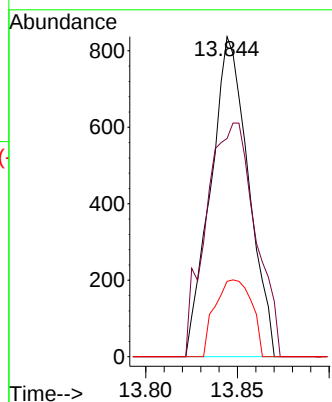
Tgt Ion:180 Resp: 1195

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 23.3 14.0 41.9



#95

Naphthalene

Concen: 2.448 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU049581.D

Acq: 01 Jul 2022 14:33

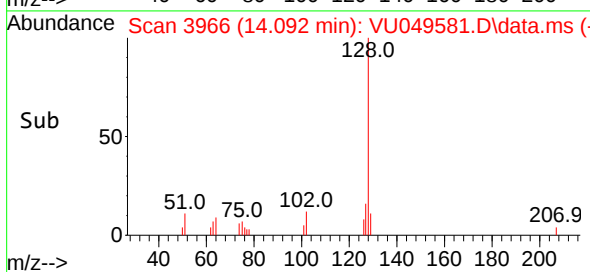
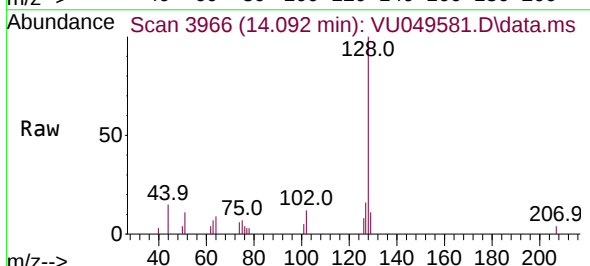
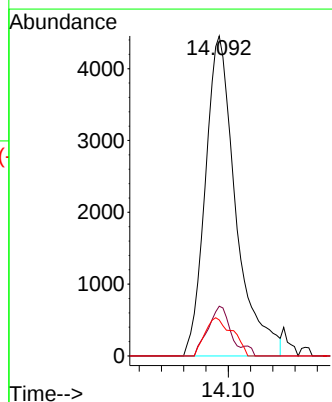
Tgt Ion:128 Resp: 8435

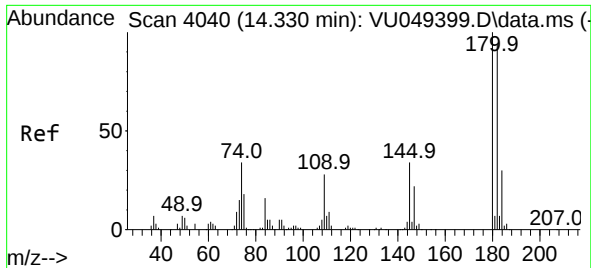
Ion Ratio Lower Upper

128 100

127 11.2 10.3 15.5

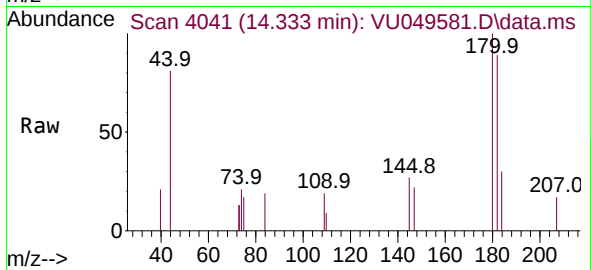
129 10.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.655 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU049581.D
 Acq: 01 Jul 2022 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0701MBL01



Tgt Ion:	180	Resp:	1646
Ion Ratio	Lower	Upper	
180	100		
182	98.0	48.4	145.0
145	32.0	14.8	44.4

