

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049537.D
 Acq On : 30 Jun 2022 01:57
 Operator : SY/MD
 Sample : N3505-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-20220624

Quant Time: Jun 30 04:13:48 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)

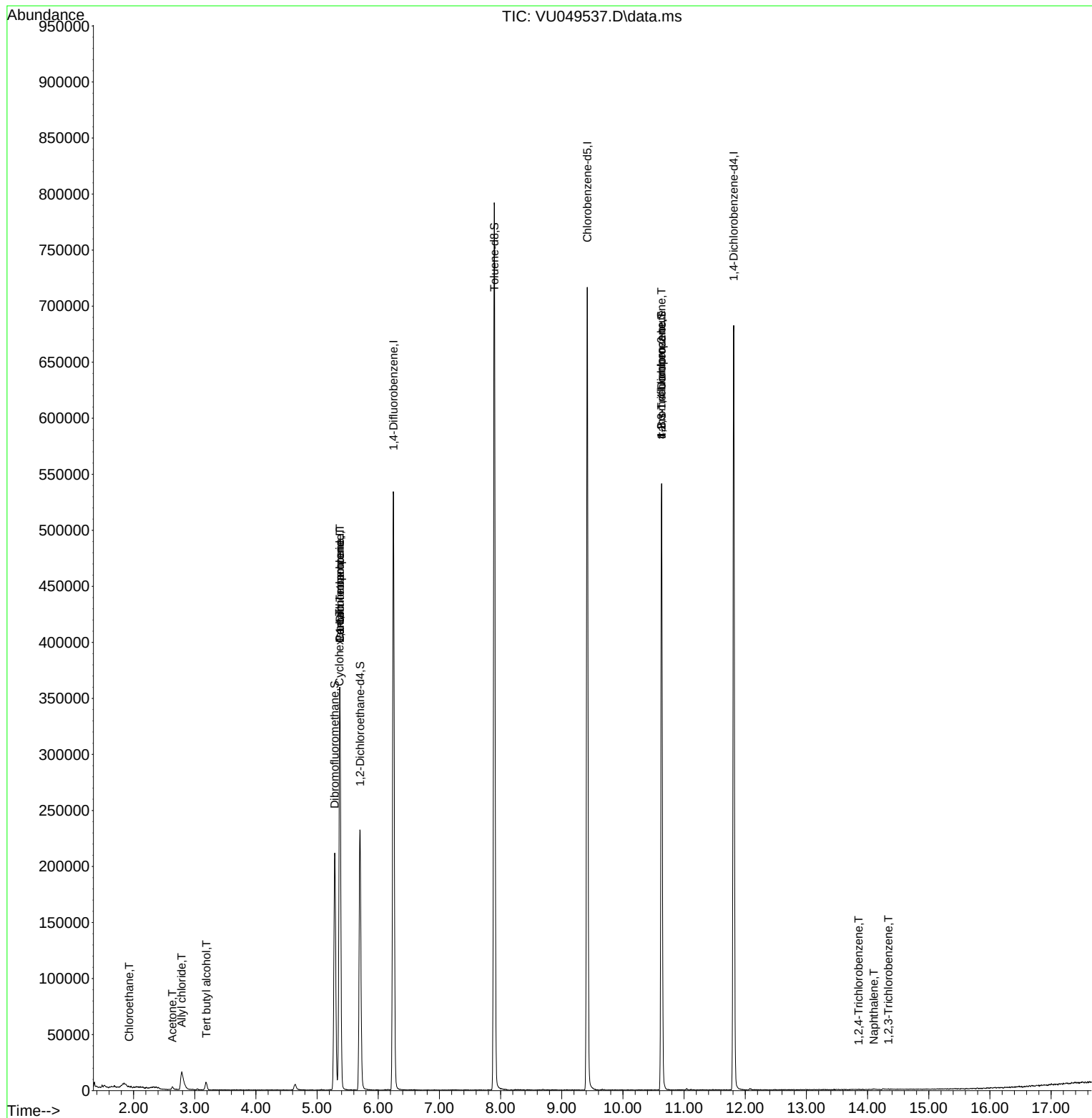
Internal Standards						
1) Pentafluorobenzene	5.372	168	242322	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	436039	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	398424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	177278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175646	47.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.288	113	139666	45.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	7.899	98	525426	48.289	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	10.632	95	185065	44.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1633	Below Cal		91
6) Chloroethane	1.925	64	21	1.927	ug/l #	44
11) Tert butyl alcohol	3.189	59	4256	4.872	ug/l #	37
14) Allyl chloride	2.787	41	1489	0.280	ug/l #	89
16) Acetone	2.633	43	3441	1.828	ug/l	95
20) Methylene Chloride	3.038	84	324	Below Cal	#	76
31) Cyclohexane	5.366	56	5320	0.949	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19408	4.388	ug/l #	49
38) Carbon Tetrachloride	5.372	117	24868	5.361	ug/l #	15
76) 1,2,3-Trichloropropane	10.632	75	95614	15.910	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	95614	58.755	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.854	180	112	1.781	ug/l #	57
95) Naphthalene	14.102	128	1252	1.823	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.339	180	342	1.259	ug/l #	22

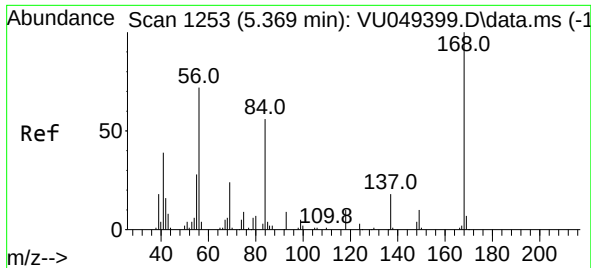
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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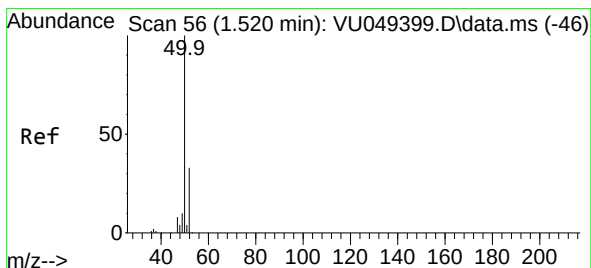
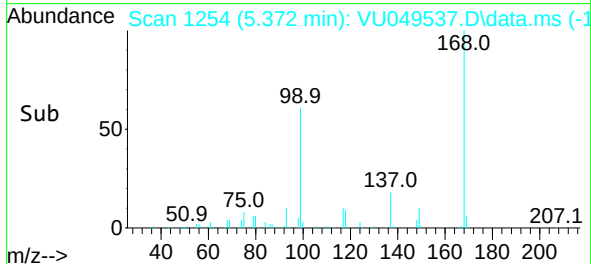
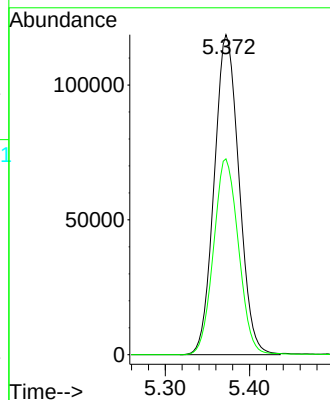
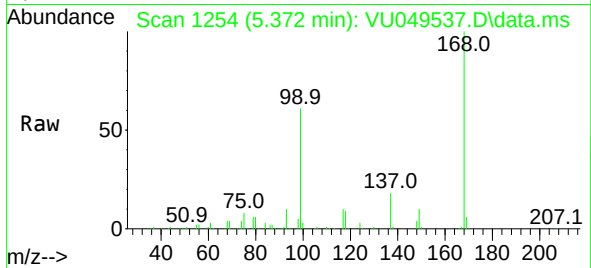




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

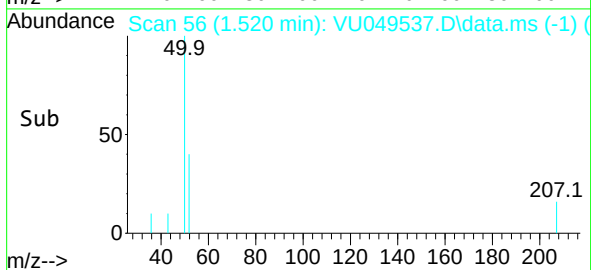
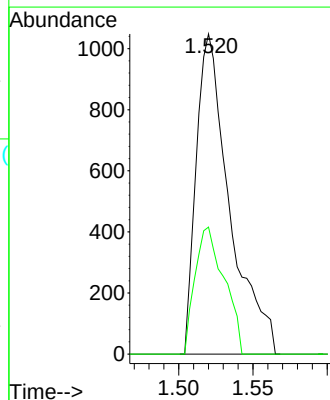
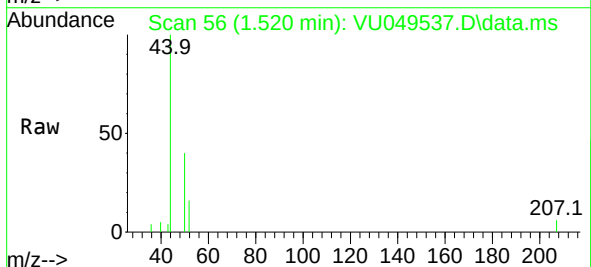
Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

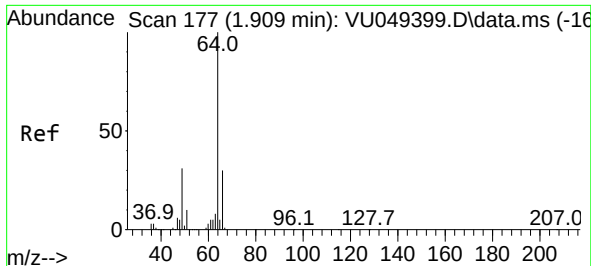
Tgt Ion:168 Resp: 242322
Ion Ratio Lower Upper
168 100
99 61.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion: 50 Resp: 1633
Ion Ratio Lower Upper
50 100
52 39.7 27.4 41.2

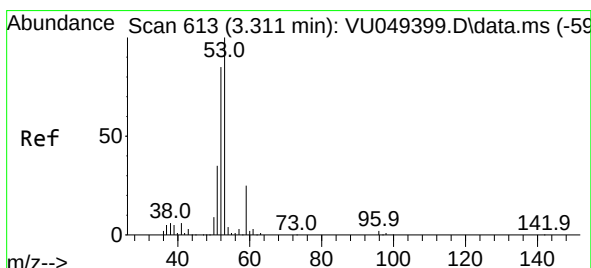
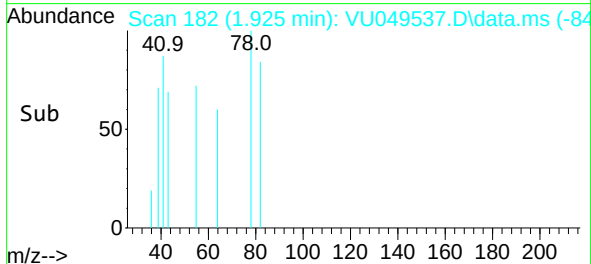
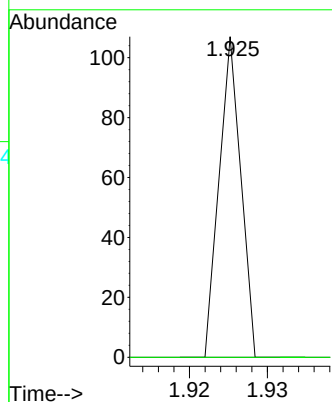
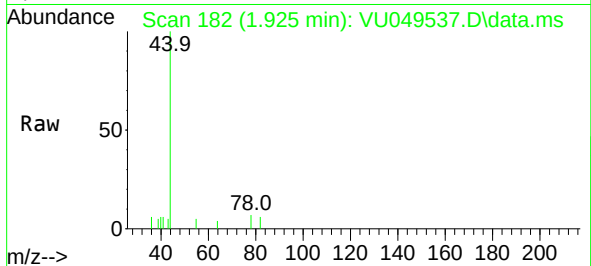




#6
Chloroethane
Concen: 1.927 ug/l
RT: 1.925 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

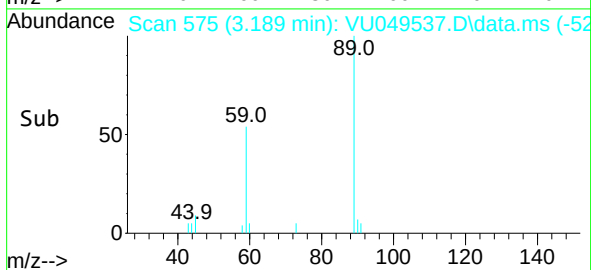
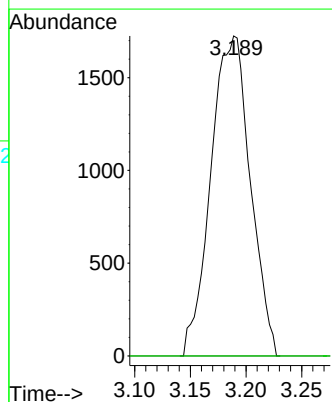
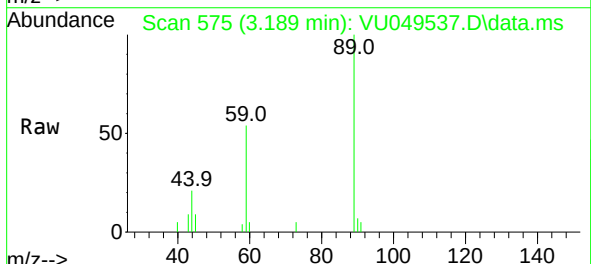
Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

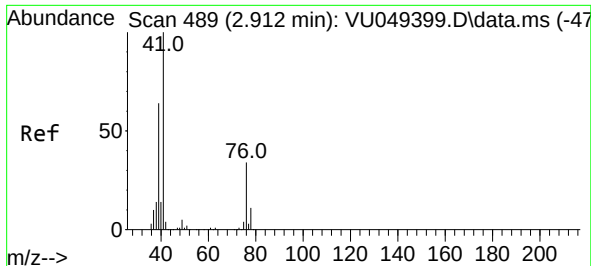
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 4.872 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.122 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion: 59 Resp: 4256
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

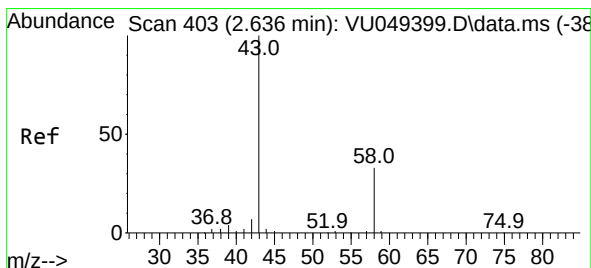
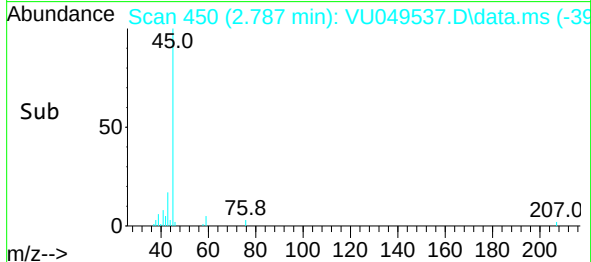
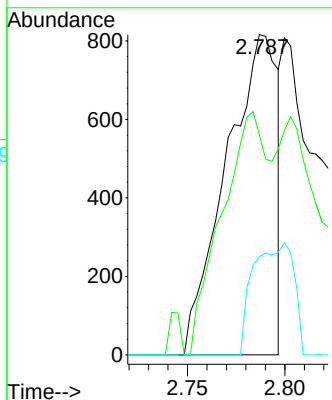
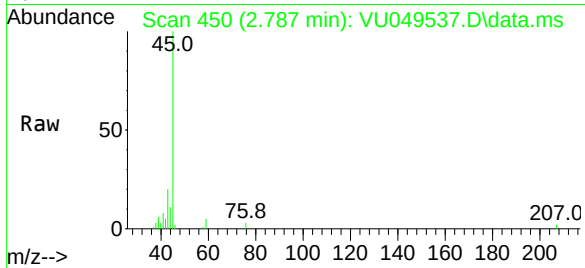




#14
 Allyl chloride
 Concen: 0.280 ug/l
 RT: 2.787 min Scan# 41
 Delta R.T. -0.125 min
 Lab File: VU049537.D
 Acq: 30 Jun 2022 01:57

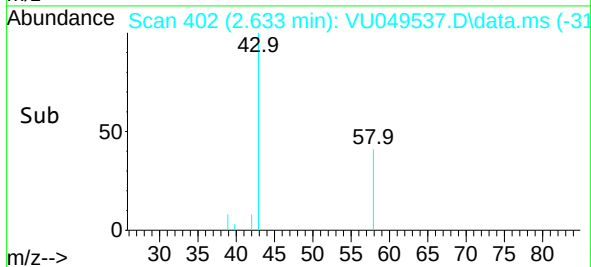
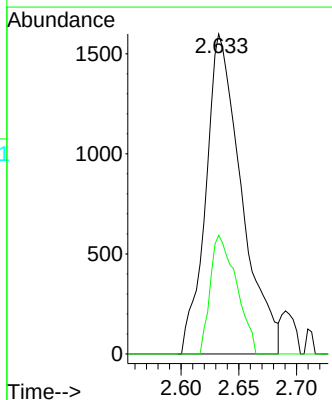
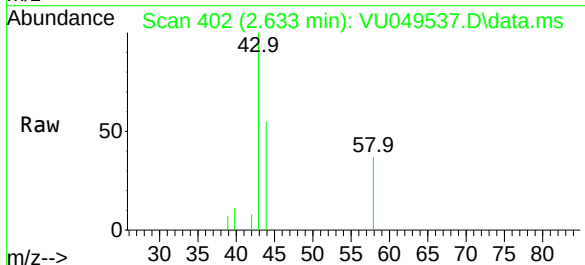
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-20220624

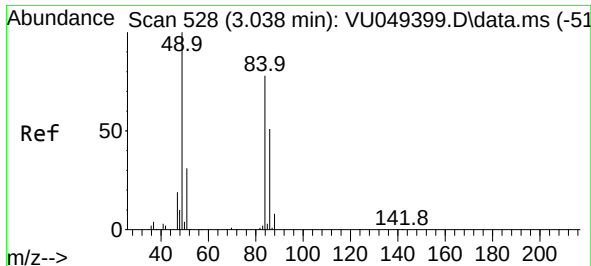
Tgt Ion: 41 Resp: 1489
 Ion Ratio Lower Upper
 41 100
 39 70.2 53.4 80.2
 76 27.7 33.8 50.6#



#16
 Acetone
 Concen: 1.828 ug/l
 RT: 2.633 min Scan# 402
 Delta R.T. -0.003 min
 Lab File: VU049537.D
 Acq: 30 Jun 2022 01:57

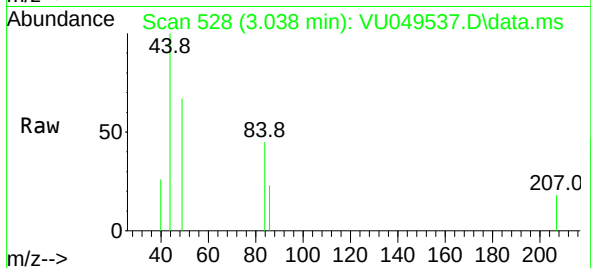
Tgt Ion: 43 Resp: 3441
 Ion Ratio Lower Upper
 43 100
 58 37.1 27.5 41.3



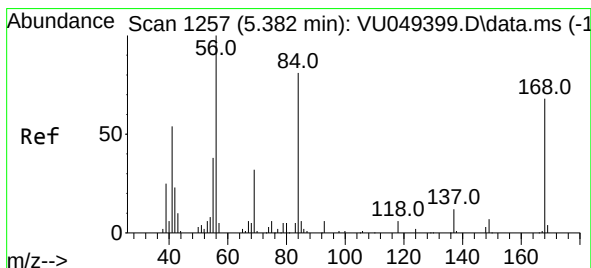
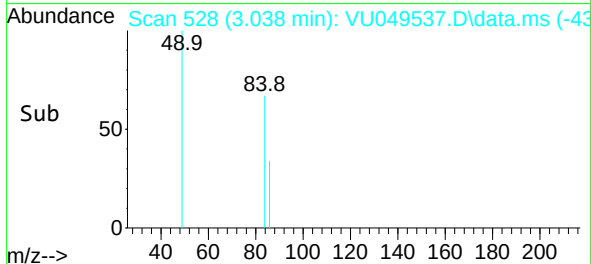
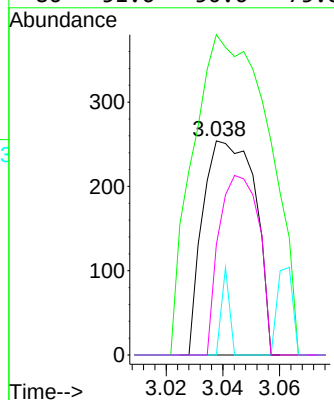


#20
Methylene Chloride
Concen: Below Cal
RT: 3.038 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

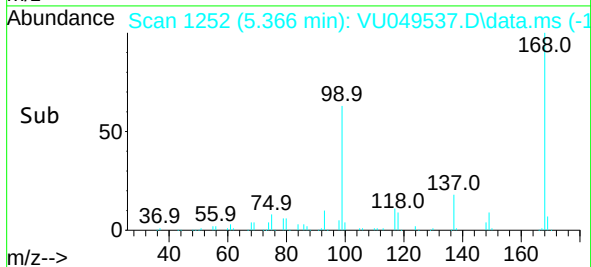
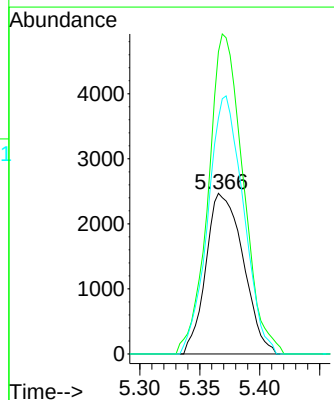
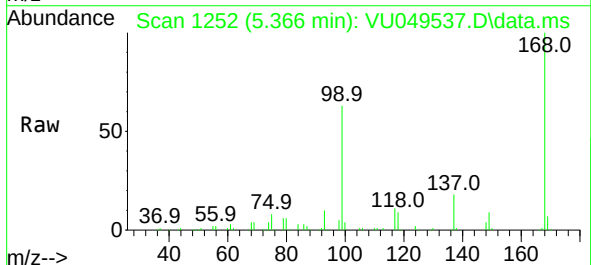


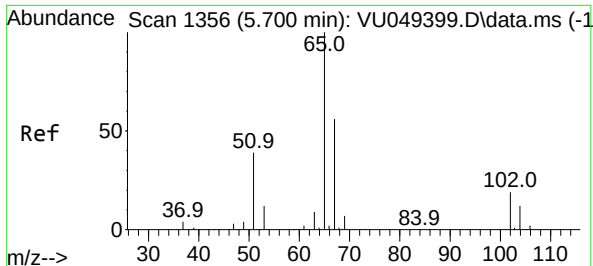
Tgt Ion: 84	Resp:	324	
Ion	Ratio	Lower	Upper
84	100		
49	88.6	86.6	129.8
51	0.0	26.6	40.0#
86	51.6	50.6	75.8



#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.366 min Scan# 1252
Delta R.T. -0.016 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion: 56	Resp:	5320	
Ion	Ratio	Lower	Upper
56	100		
69	184.0	27.8	41.8#
84	146.8	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 47.066 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049537.D

Acq: 30 Jun 2022 01:57

Instrument :

MSVOA_U

ClientSampleId :

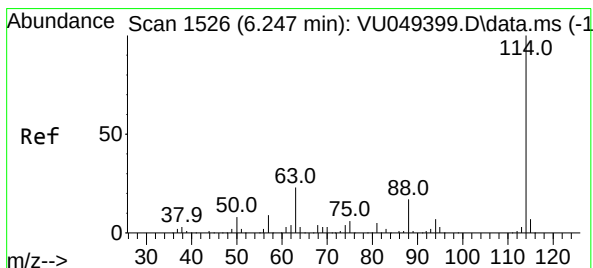
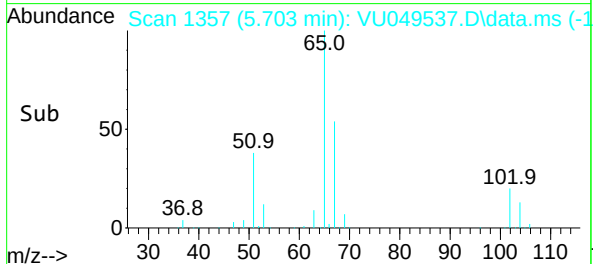
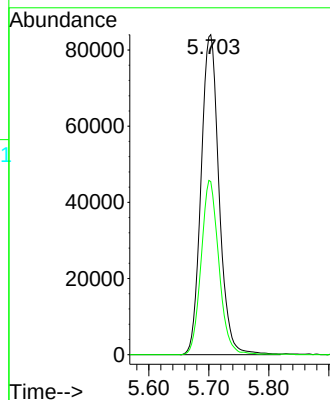
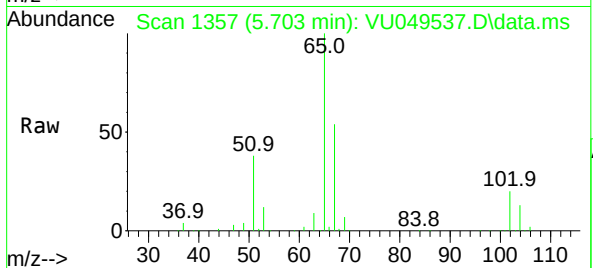
TB-20220624

Tgt Ion: 65 Resp: 175646

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049537.D

Acq: 30 Jun 2022 01:57

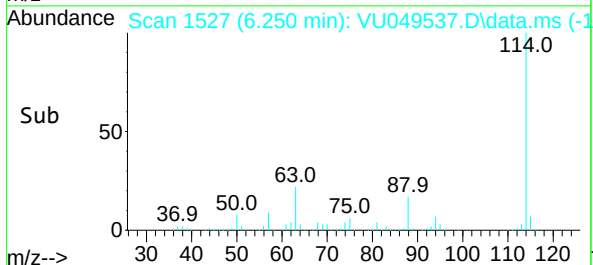
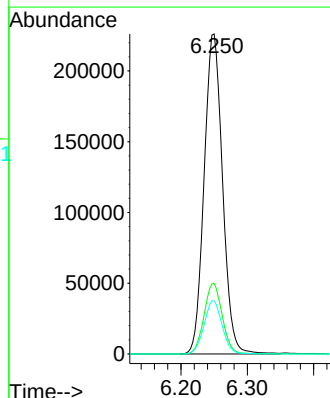
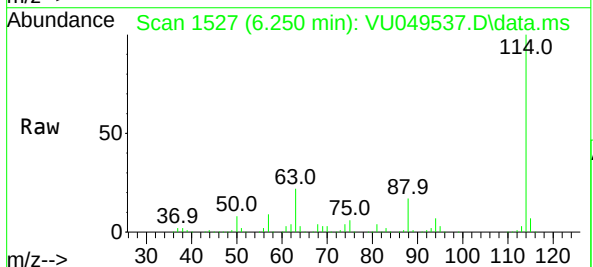
Tgt Ion: 114 Resp: 436039

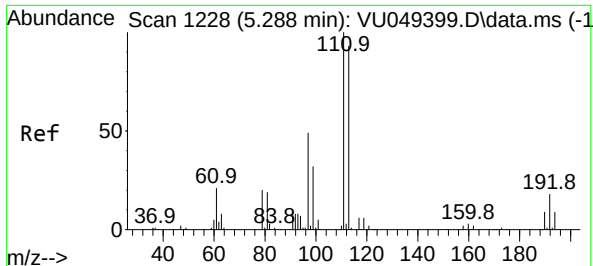
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

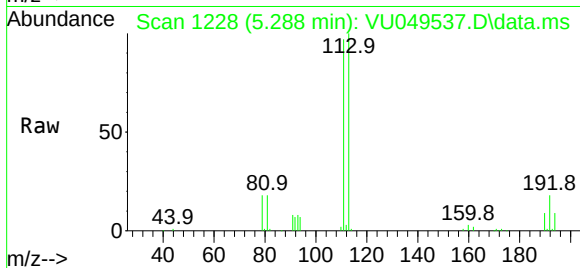
88 16.6 0.0 29.2



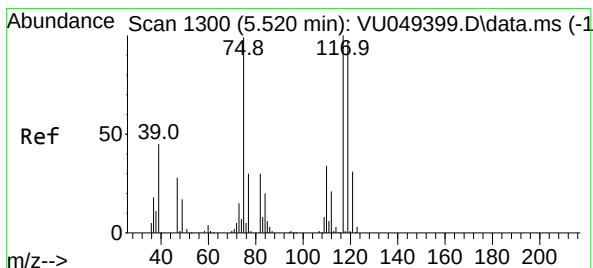
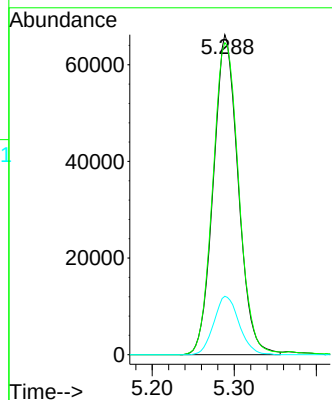
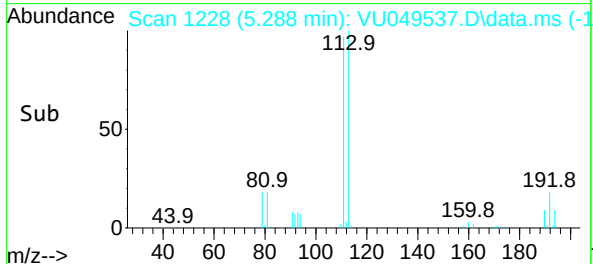


#35
Dibromofluoromethane
Concen: 45.783 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

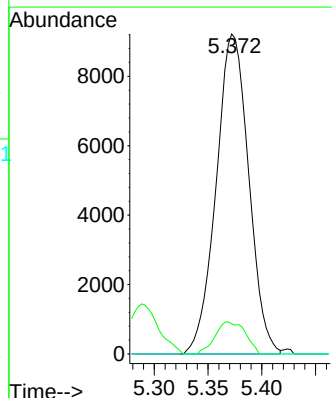
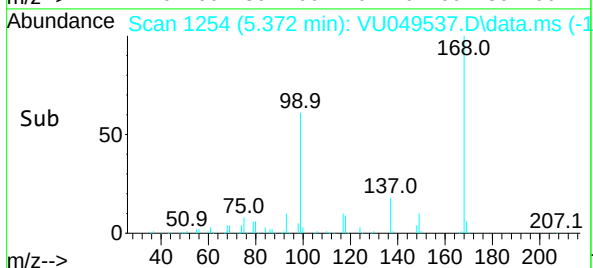
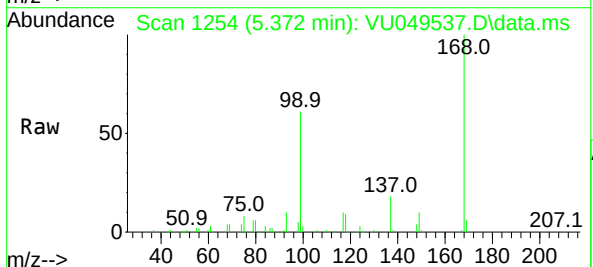


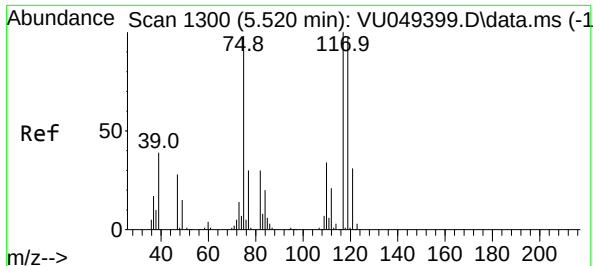
Tgt Ion:113 Resp: 139666
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 18.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.388 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion: 75 Resp: 19408
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.361 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049537.D

Acq: 30 Jun 2022 01:57

Instrument :

MSVOA_U

ClientSampleId :

TB-20220624

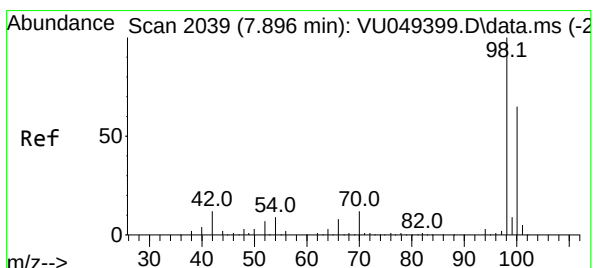
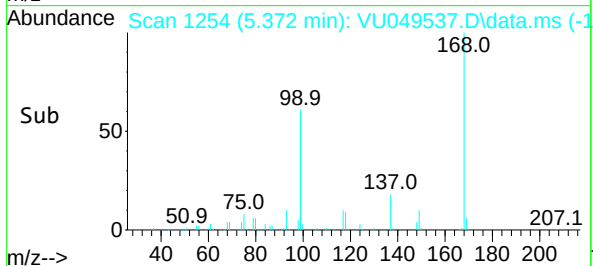
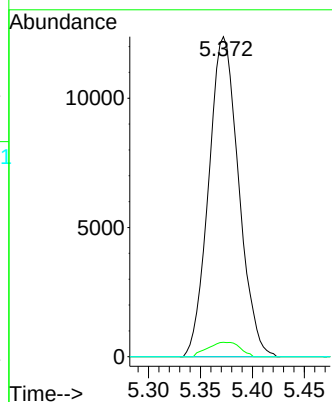
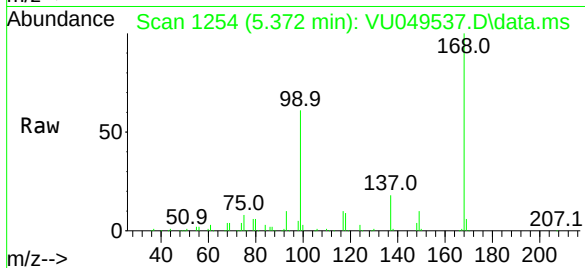
Tgt Ion:117 Resp: 24868

Ion Ratio Lower Upper

117 100

119 4.5 76.8 115.2#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 48.289 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU049537.D

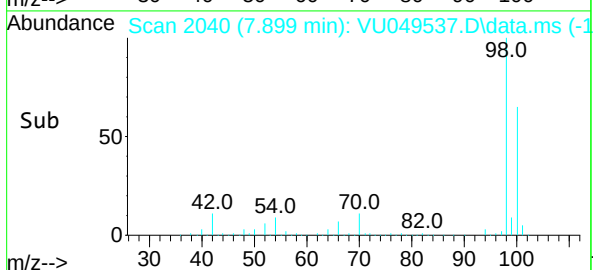
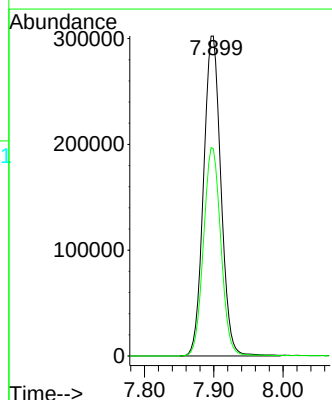
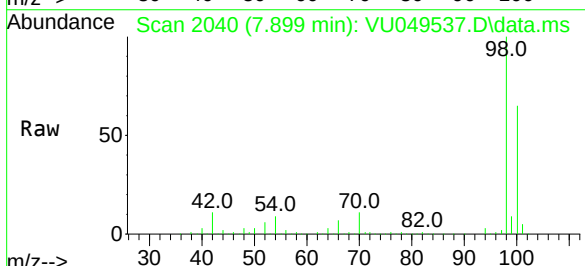
Acq: 30 Jun 2022 01:57

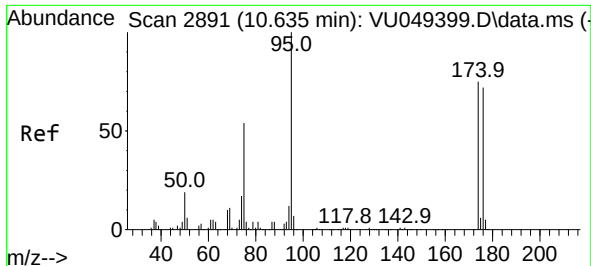
Tgt Ion: 98 Resp: 525426

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5

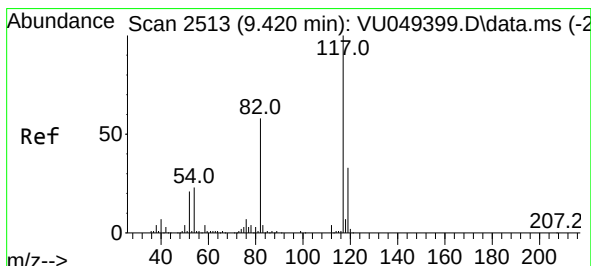
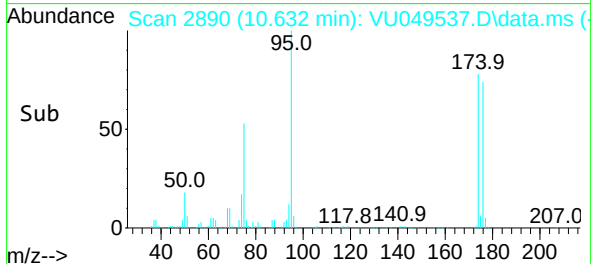
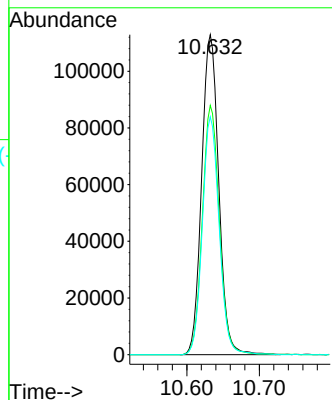
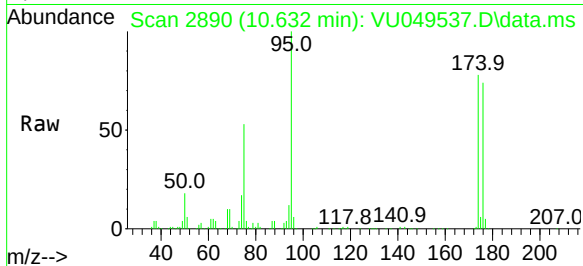




#62
4-Bromofluorobenzene
Concen: 44.400 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

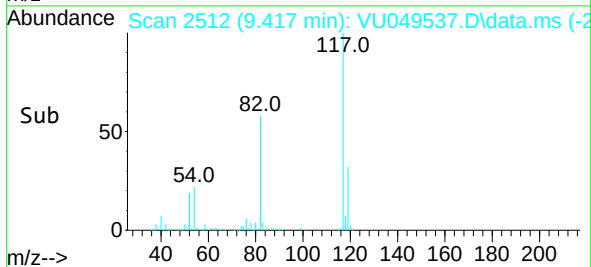
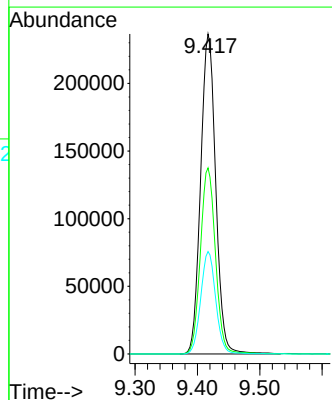
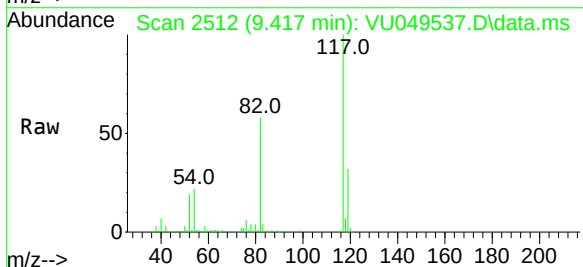
Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

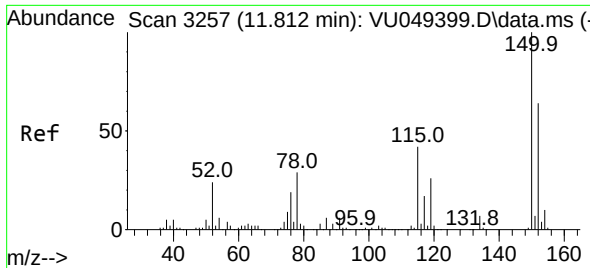
Tgt Ion: 95 Resp: 185065
Ion Ratio Lower Upper
95 100
174 77.5 0.0 182.0
176 73.2 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion: 117 Resp: 398424
Ion Ratio Lower Upper
117 100
82 58.2 41.7 62.5
119 32.0 25.7 38.5

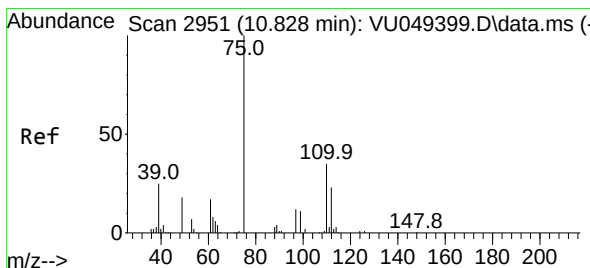
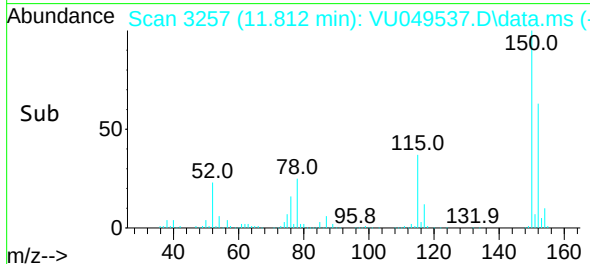
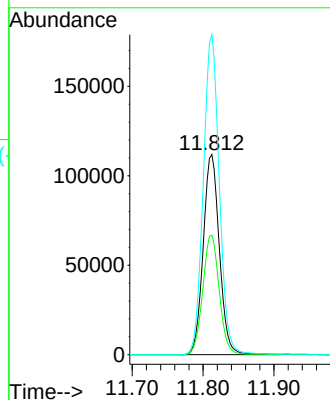
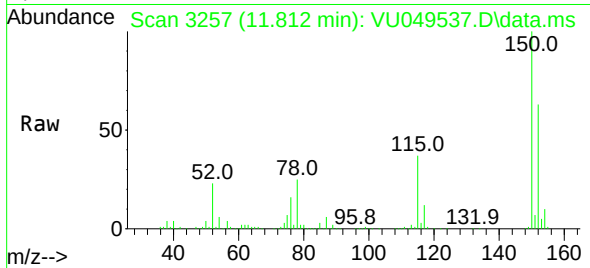




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049537.D
 Acq: 30 Jun 2022 01:57

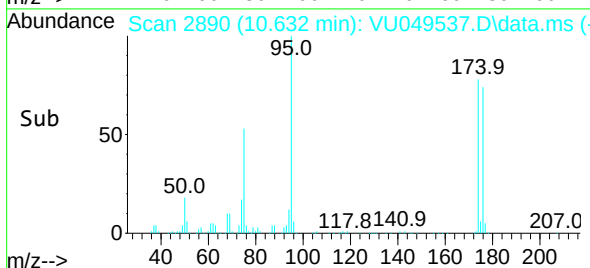
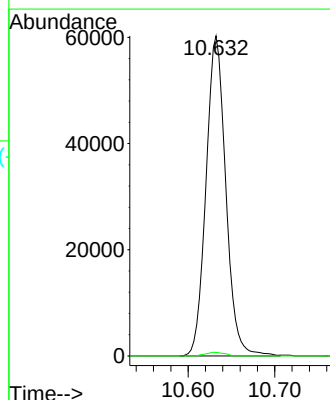
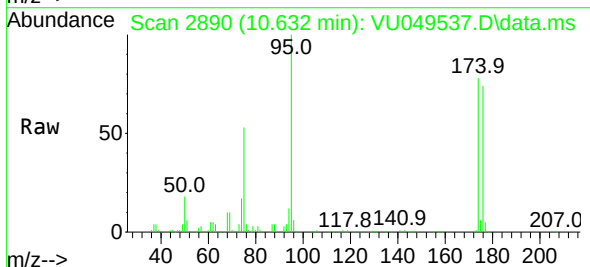
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-20220624

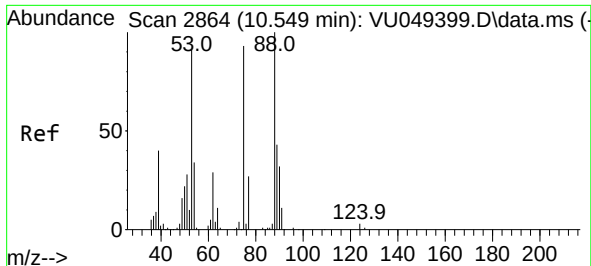
Tgt Ion:152 Resp: 177278
 Ion Ratio Lower Upper
 152 100
 115 60.7 37.0 110.9
 150 158.3 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.910 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049537.D
 Acq: 30 Jun 2022 01:57

Tgt Ion: 75 Resp: 95614
 Ion Ratio Lower Upper
 75 100
 77 1.1 15.8 47.3#

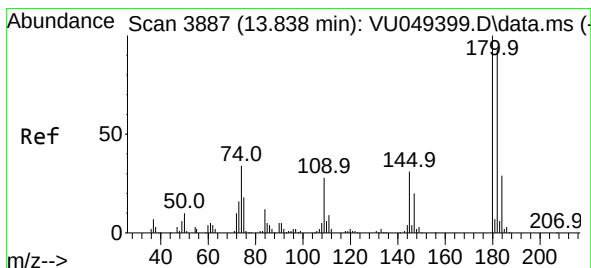
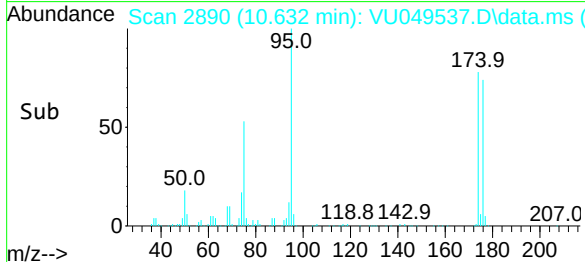
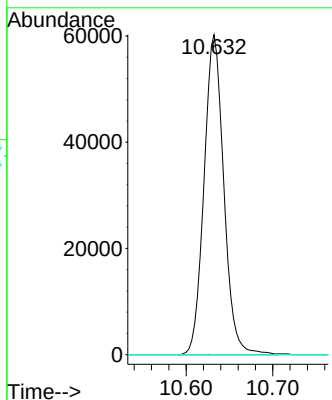
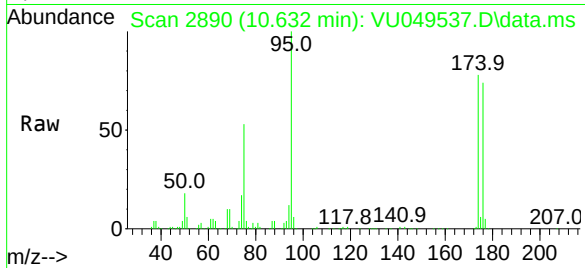




#81
trans-1,4-Dichloro-2-butene
Concen: 58.755 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

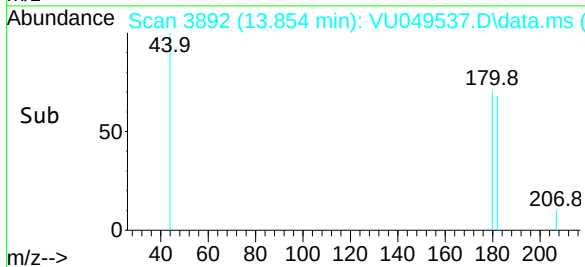
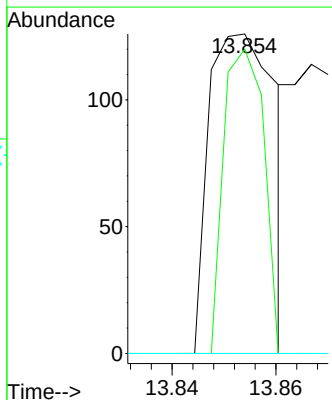
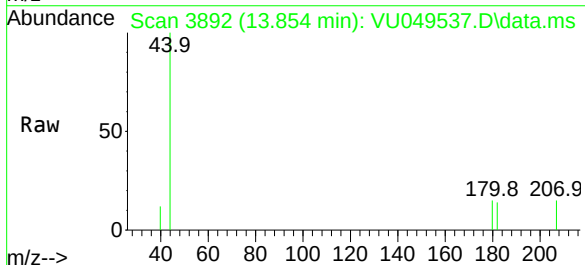
Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

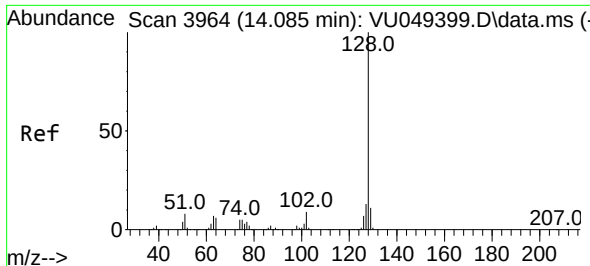
Tgt Ion: 75 Resp: 95614
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.781 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.016 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion: 180 Resp: 112
Ion Ratio Lower Upper
180 100
182 57.1 47.9 143.6
145 0.0 14.0 41.9#

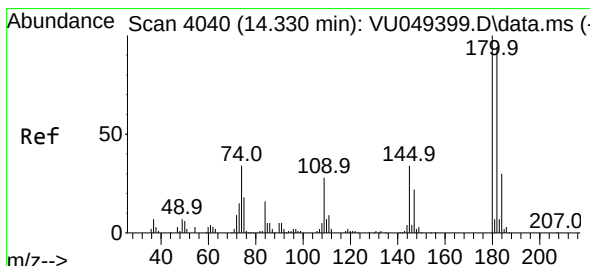
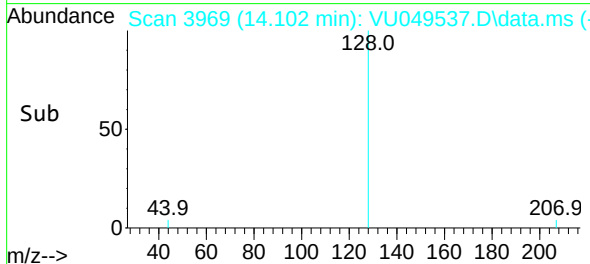
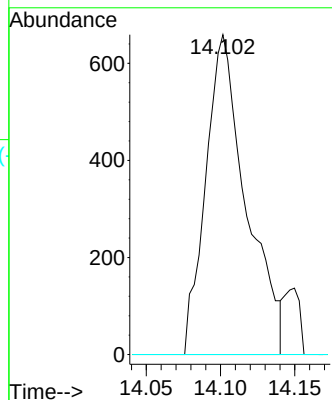
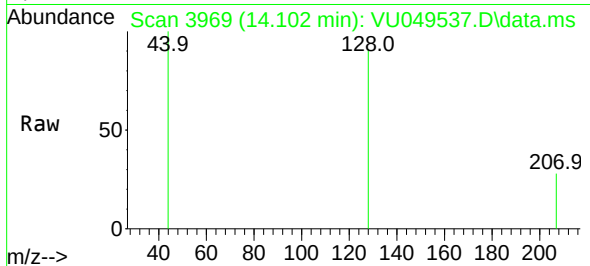




#95
Naphthalene
Concen: 1.823 ug/l
RT: 14.102 min Scan# 3964
Delta R.T. 0.016 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Instrument :
MSVOA_U
ClientSampleId :
TB-20220624

Tgt Ion:128	Resp:	1252
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.259 ug/l
RT: 14.339 min Scan# 4043
Delta R.T. 0.010 min
Lab File: VU049537.D
Acq: 30 Jun 2022 01:57

Tgt Ion:180	Resp:	342
Ion Ratio	Lower	Upper
180	100	
182	13.7	48.4 145.0#
145	0.0	14.8 44.4#

