

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049429.D
 Acq On : 28 Jun 2022 02:17
 Operator : SY/MD
 Sample : N3386-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20220613RE

Quant Time: Jun 28 07:13:31 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)

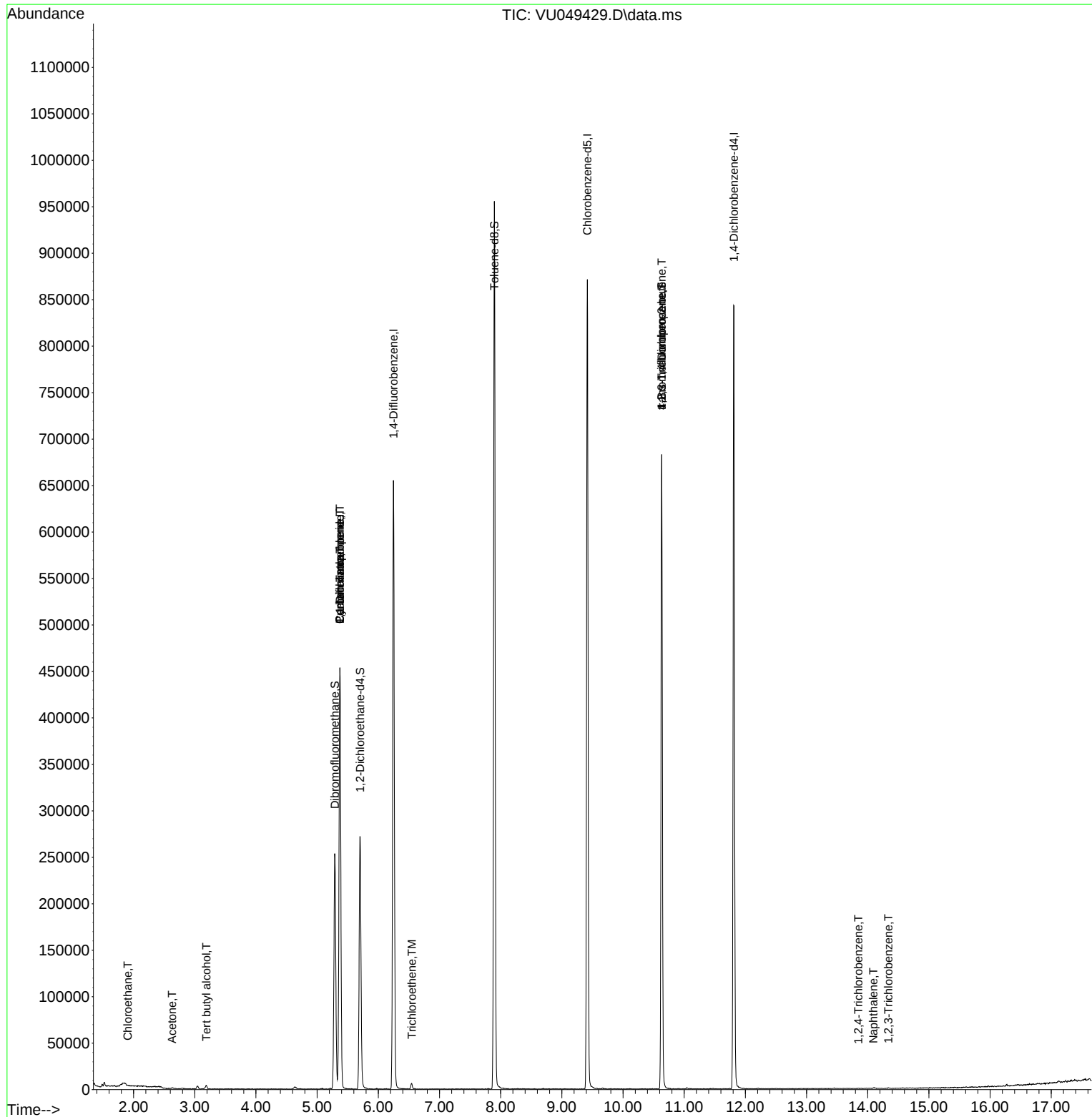
Internal Standards						
1) Pentafluorobenzene	5.372	168	309761	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	529457	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	480854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	223285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	204109	42.785	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.580%		
35) Dibromofluoromethane	5.289	113	166593	44.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.940%		
50) Toluene-d8	7.896	98	635788	48.122	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	10.632	95	235586	46.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	3859	Below Cal	#	87
6) Chloroethane	1.903	64	92	1.954	ug/l #	44
11) Tert butyl alcohol	3.189	59	2573	2.304	ug/l #	37
16) Acetone	2.630	43	680	0.283	ug/l #	87
20) Methylene Chloride	3.047	84	1582	Below Cal		94
31) Cyclohexane	5.372	56	6386	0.892	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24420	4.547	ug/l #	48
38) Carbon Tetrachloride	5.372	117	32314	5.737	ug/l #	16
44) Trichloroethene	6.549	130	2208	0.573	ug/l	81
76) 1,2,3-Trichloropropane	10.632	75	117027	15.461	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	117027	57.096	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.848	180	230	1.798	ug/l #	64
95) Naphthalene	14.092	128	597	1.769	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.340	180	244	1.223	ug/l	65

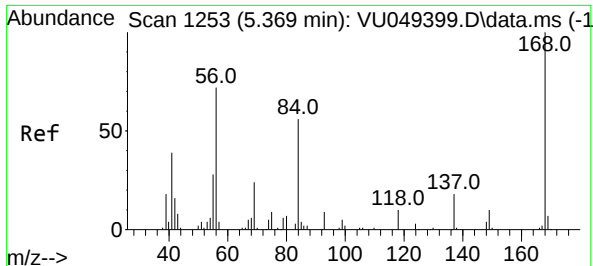
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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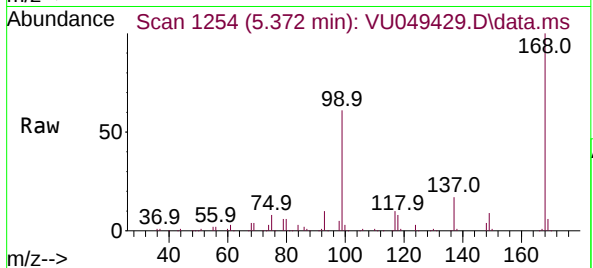
Quant Time: Jun 28 07:13:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 05:14:22 2022
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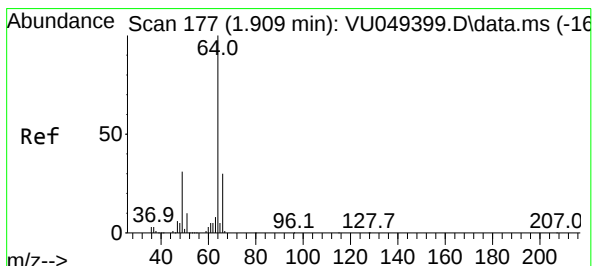
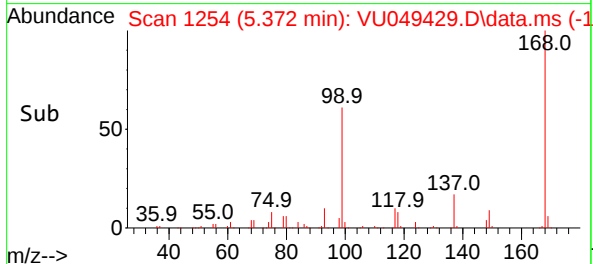
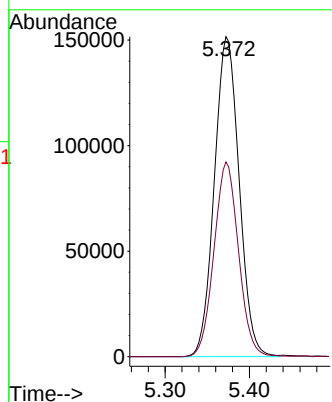


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

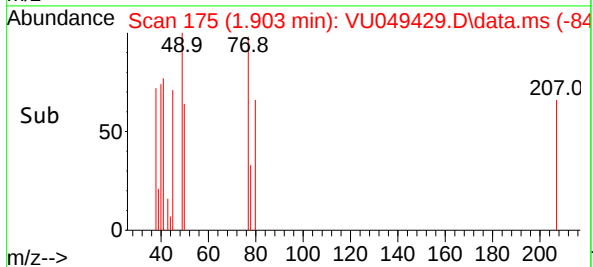
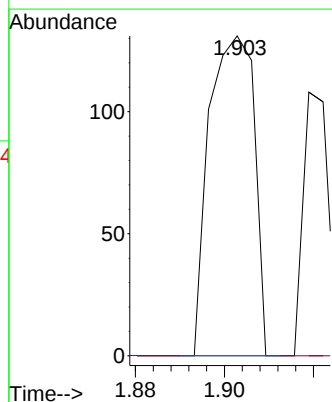
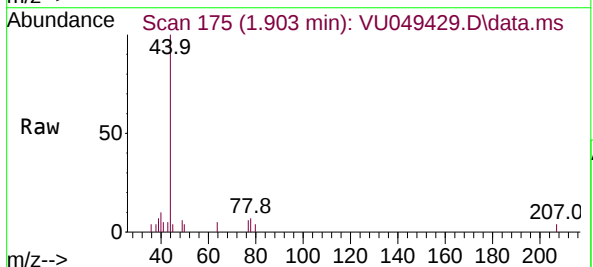


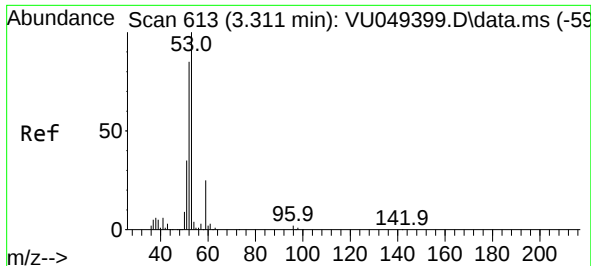
Tgt Ion:168 Resp: 309761
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#6
Chloroethane
Concen: 1.954 ug/l
RT: 1.903 min Scan# 175
Delta R.T. -0.006 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: 2.304 ug/l

RT: 3.189 min Scan# 51

Delta R.T. -0.122 min

Lab File: VU049429.D

Acq: 28 Jun 2022 02:17

Instrument :

MSVOA_U

ClientSampleId :

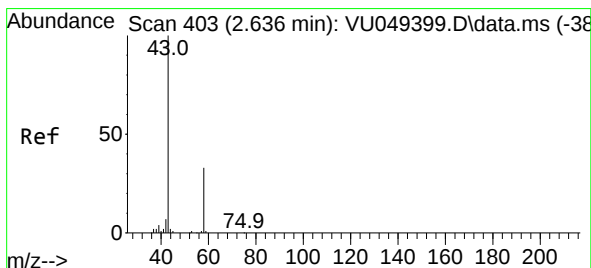
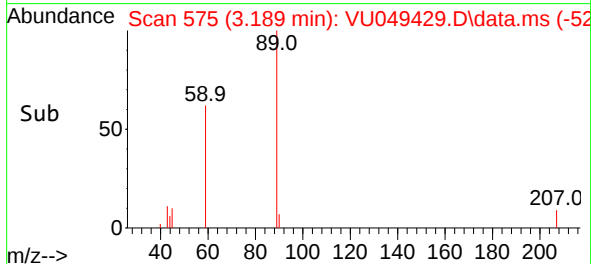
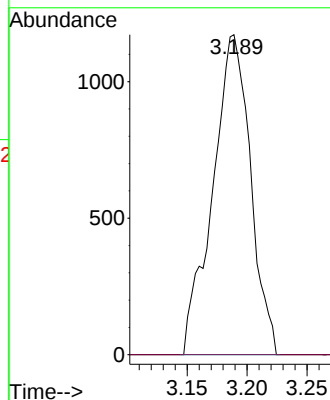
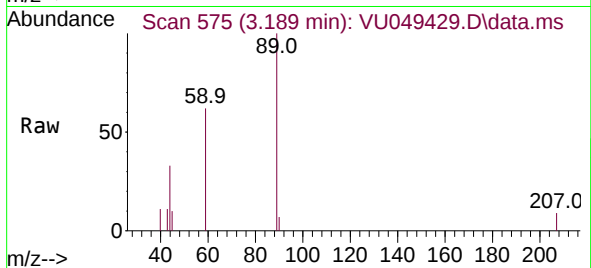
TB01-20220613RE

Tgt Ion: 59 Resp: 2573

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#16

Acetone

Concen: 0.283 ug/l

RT: 2.630 min Scan# 401

Delta R.T. -0.006 min

Lab File: VU049429.D

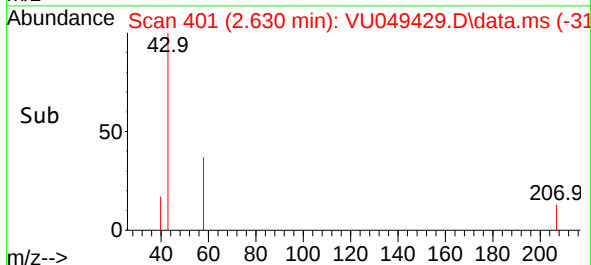
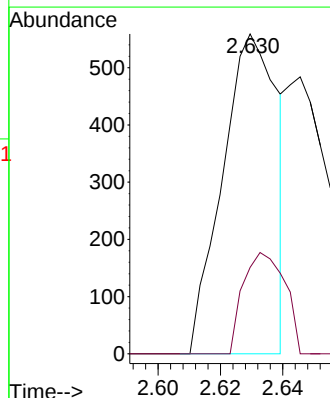
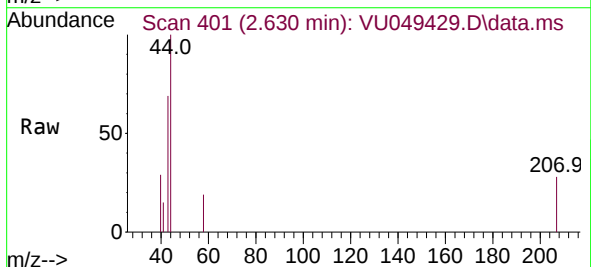
Acq: 28 Jun 2022 02:17

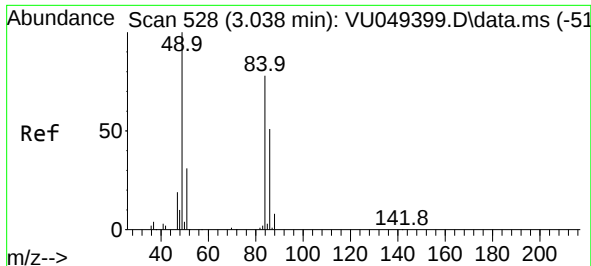
Tgt Ion: 43 Resp: 680

Ion Ratio Lower Upper

43 100

58 27.0 27.5 41.3#

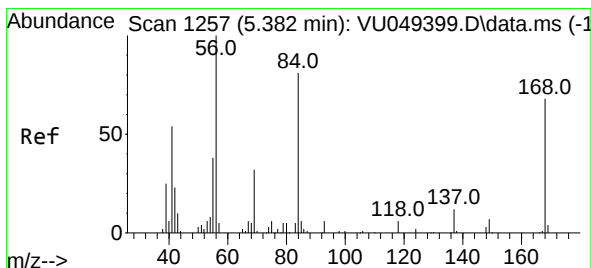
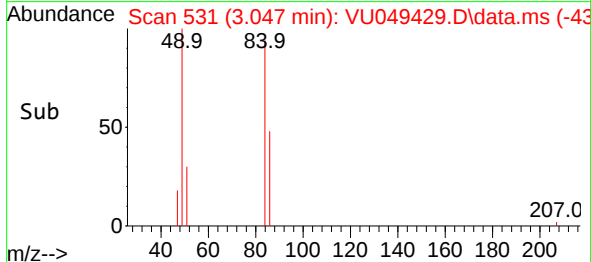
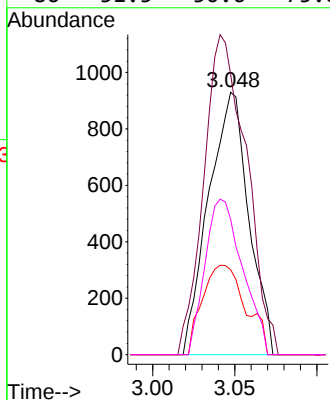
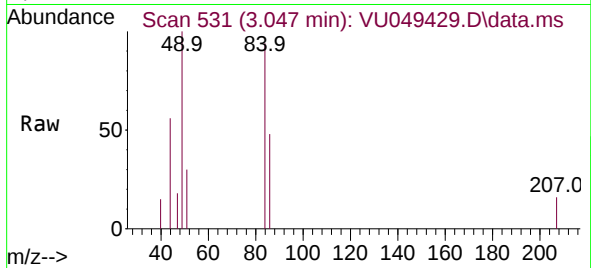




#20
Methylene Chloride
Concen: Below Cal
RT: 3.047 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

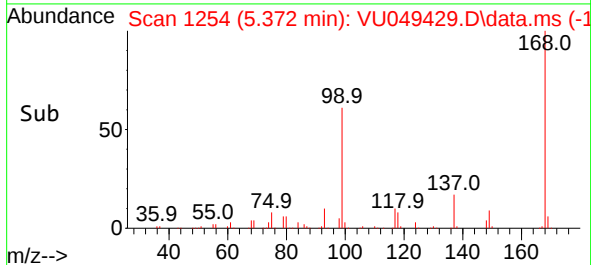
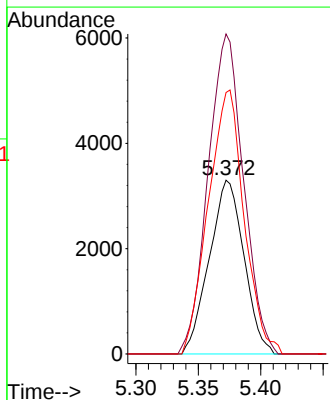
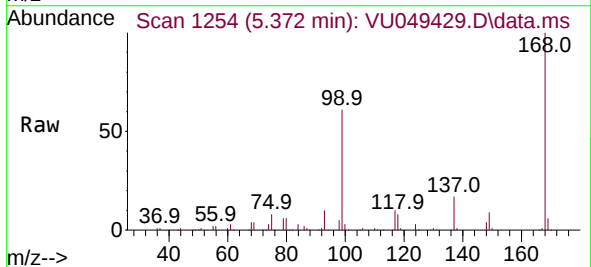
Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

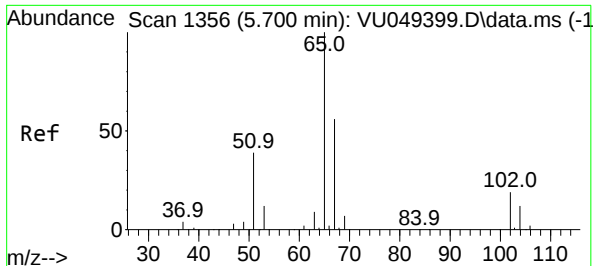
Tgt Ion:	84	Resp:	1582
Ion	Ratio	Lower	Upper
84	100		
49	106.7	86.6	129.8
51	32.4	26.6	40.0
86	51.5	50.6	75.8



#31
Cyclohexane
Concen: 0.892 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.009 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Tgt Ion:	56	Resp:	6386
Ion	Ratio	Lower	Upper
56	100		
69	184.2	27.8	41.8#
84	150.5	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 42.785 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049429.D

Acq: 28 Jun 2022 02:17

Instrument :

MSVOA_U

ClientSampleId :

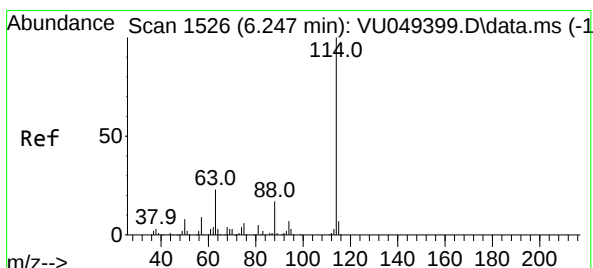
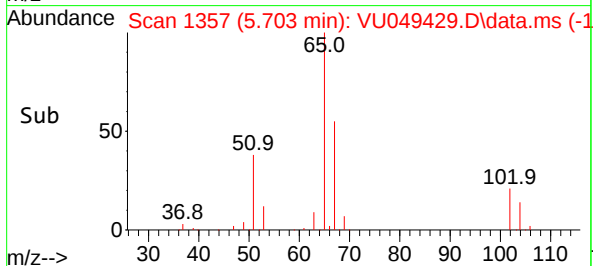
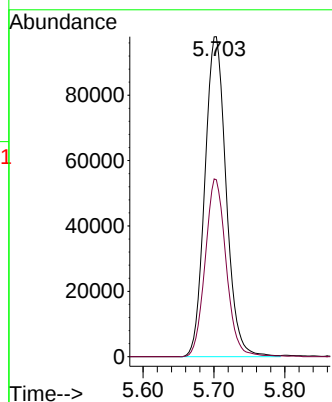
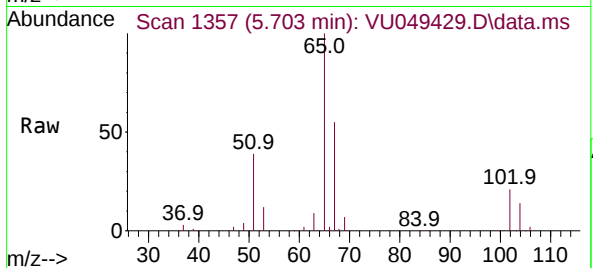
TB01-20220613RE

Tgt Ion: 65 Resp: 204109

Ion Ratio Lower Upper

65 100

67 54.8 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: VU049429.D

Acq: 28 Jun 2022 02:17

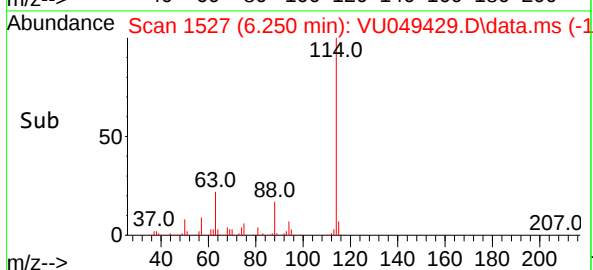
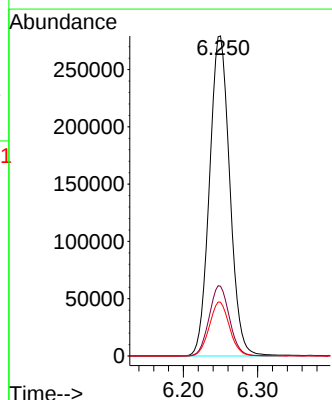
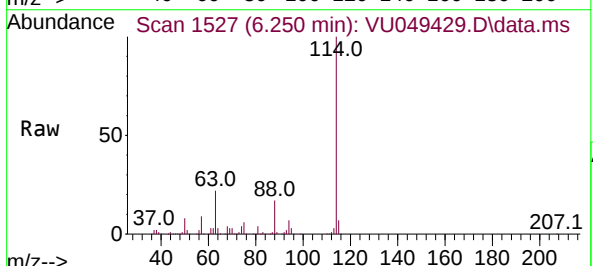
Tgt Ion: 114 Resp: 529457

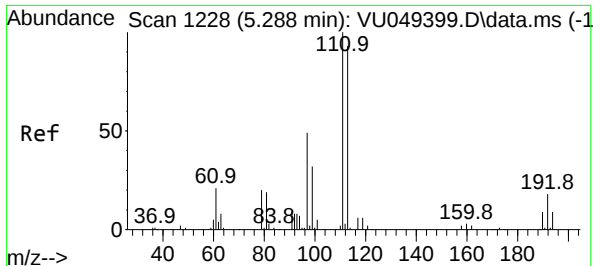
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.974 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049429.D

Acq: 28 Jun 2022 02:17

Instrument :

MSVOA_U

ClientSampleId :

TB01-20220613RE

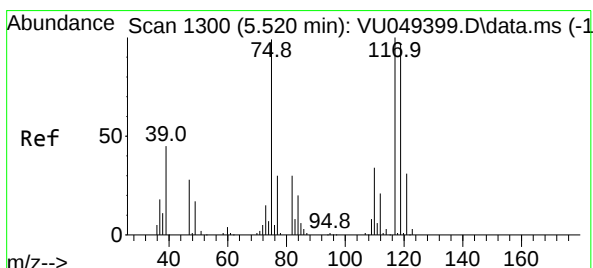
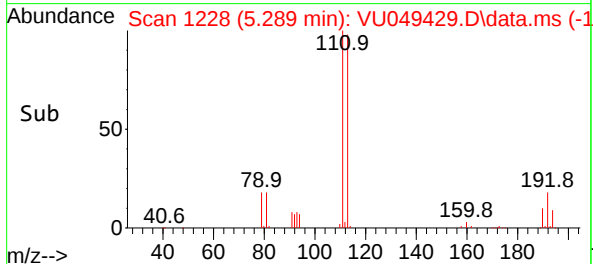
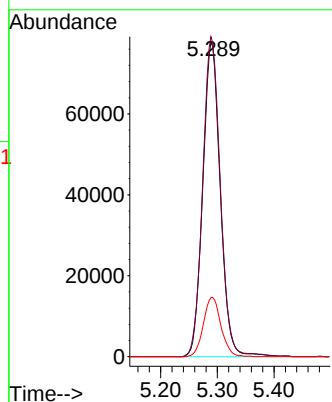
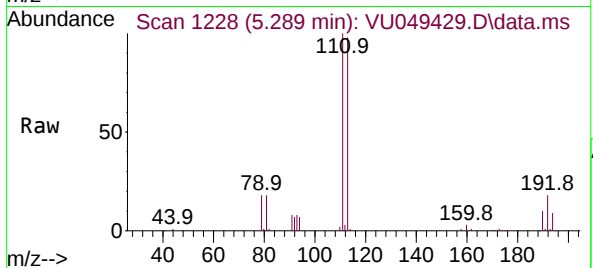
Tgt Ion:113 Resp: 166593

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

192 18.9 18.0 27.0



#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049429.D

Acq: 28 Jun 2022 02:17

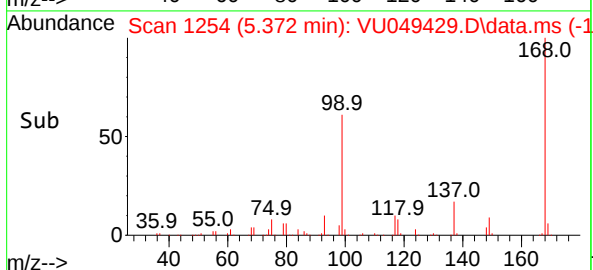
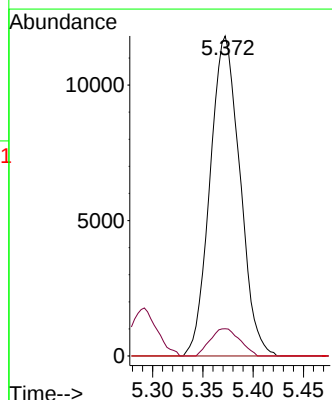
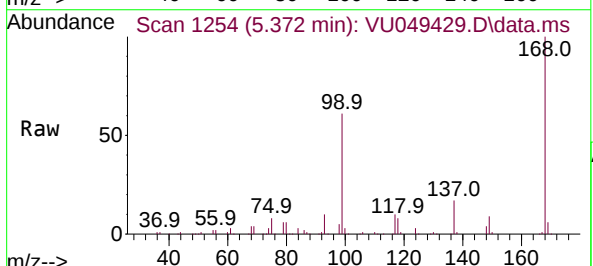
Tgt Ion: 75 Resp: 24420

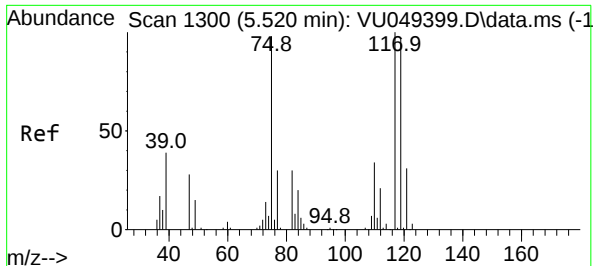
Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

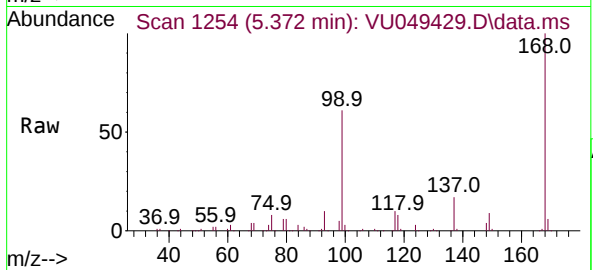
77 0.0 25.1 37.7#



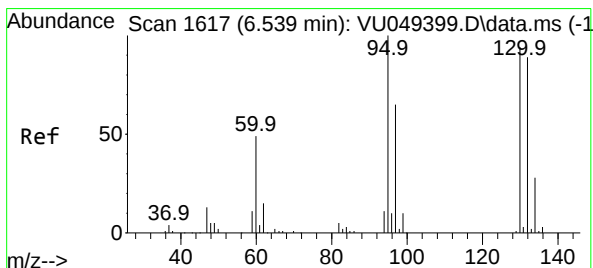
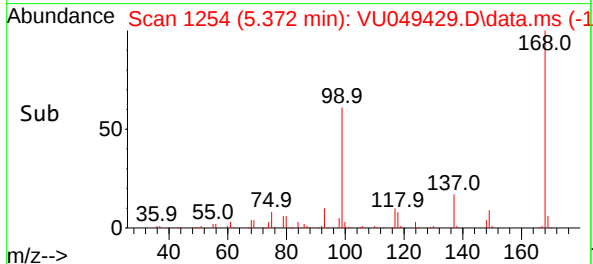
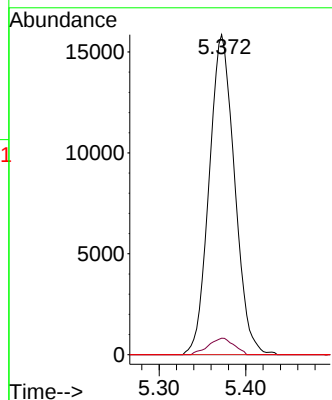


#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

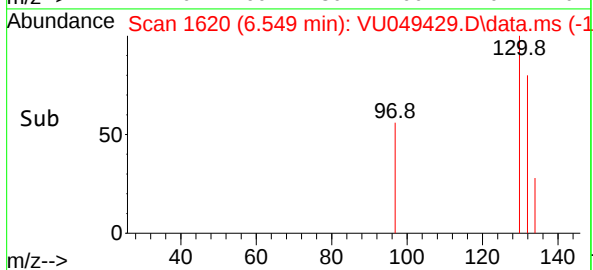
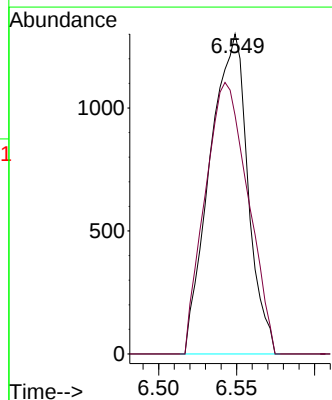
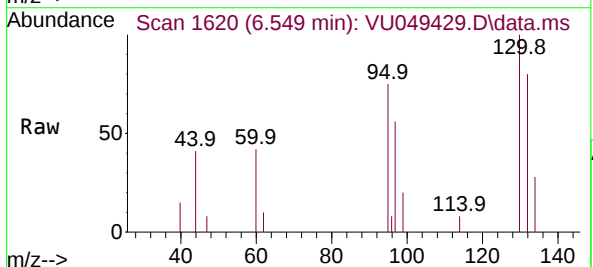


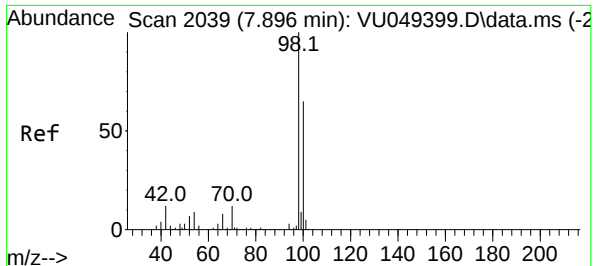
Tgt Ion:117 Resp: 32314
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 0.573 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.010 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Tgt Ion:130 Resp: 2208
Ion Ratio Lower Upper
130 100
95 74.6 0.0 184.6

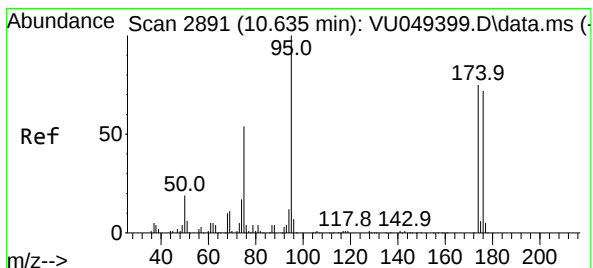
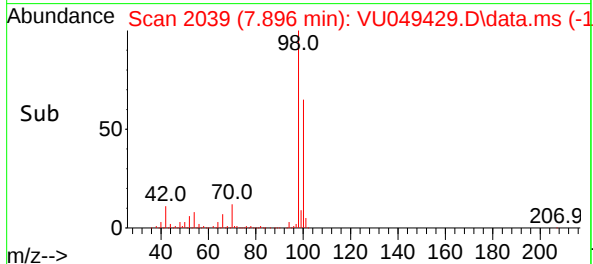
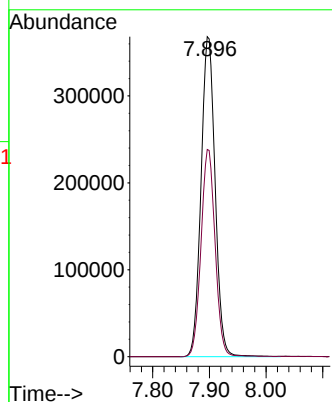
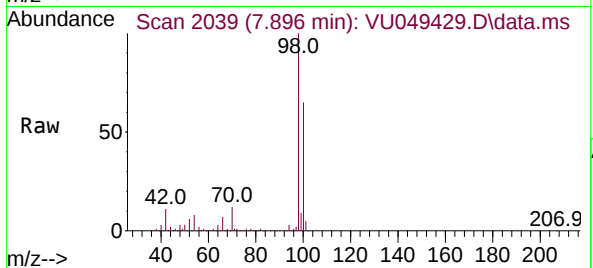




#50
Toluene-d8
Concen: 48.122 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

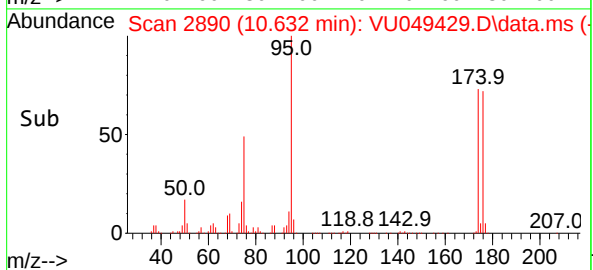
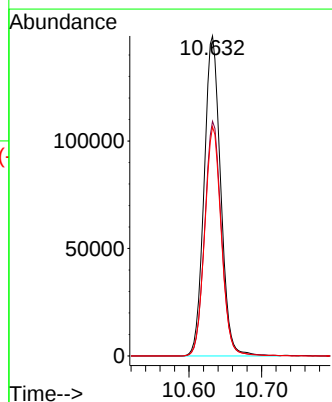
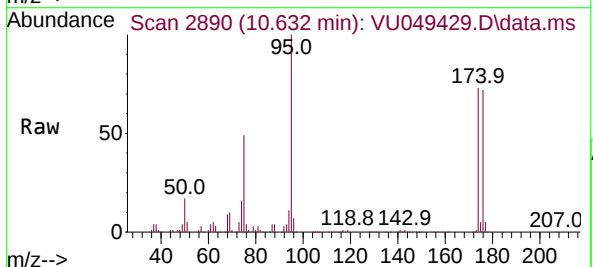
Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

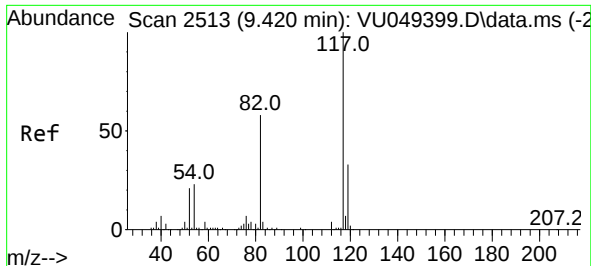
Tgt Ion: 98 Resp: 635788
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Tgt Ion: 95 Resp: 235586
Ion Ratio Lower Upper
95 100
174 73.9 0.0 182.0
176 71.8 0.0 177.8

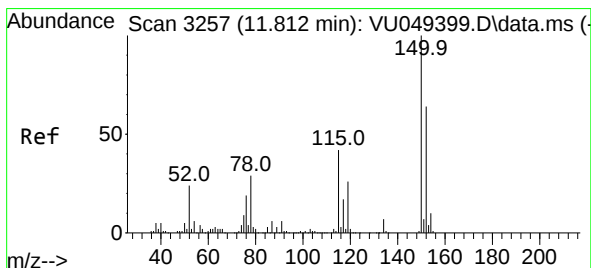
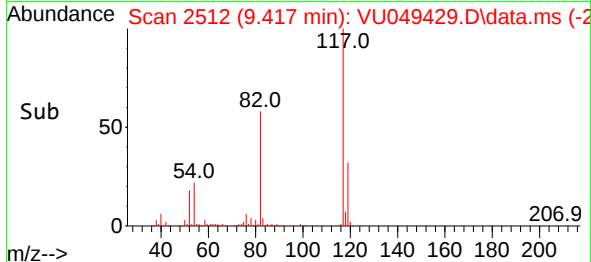
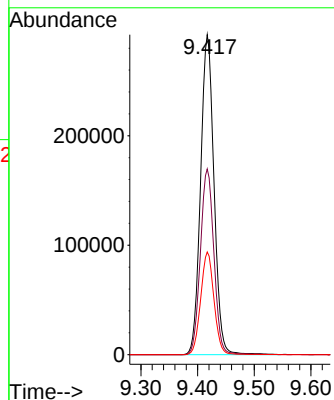
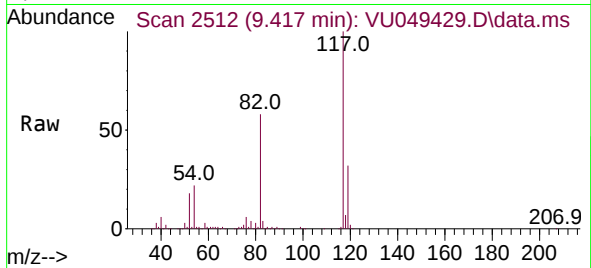




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

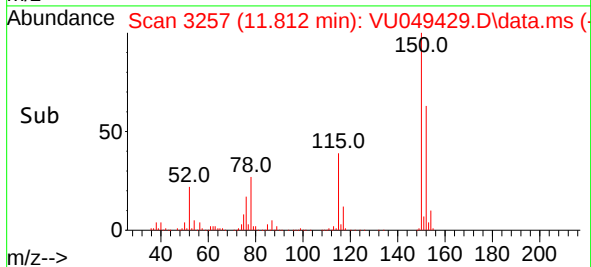
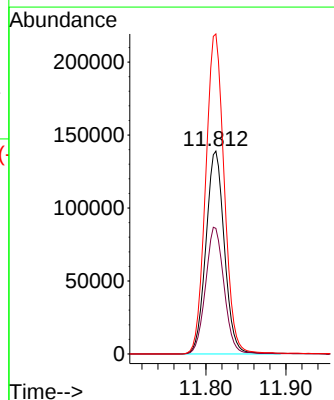
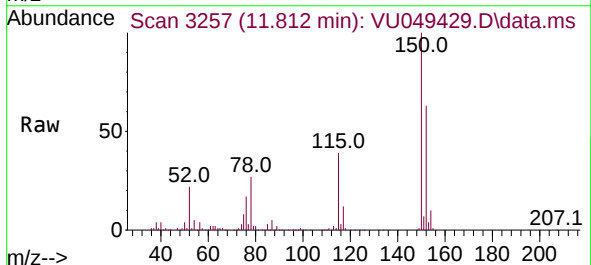
Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

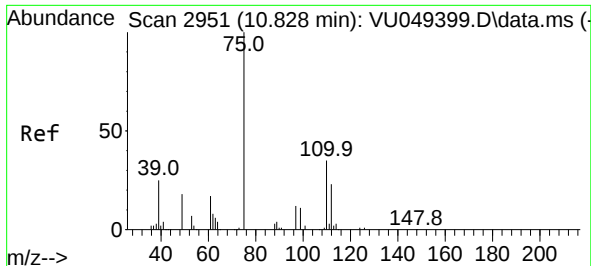
Tgt Ion:117 Resp: 480854
Ion Ratio Lower Upper
117 100
82 58.0 41.7 62.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Tgt Ion:152 Resp: 223285
Ion Ratio Lower Upper
152 100
115 62.7 37.0 110.9
150 159.0 0.0 342.2

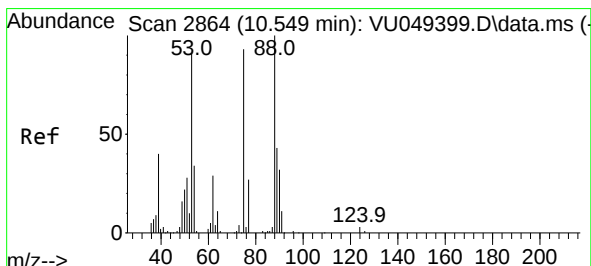
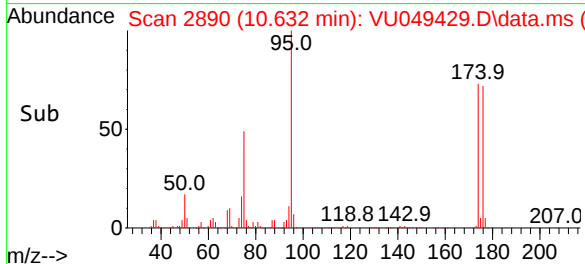
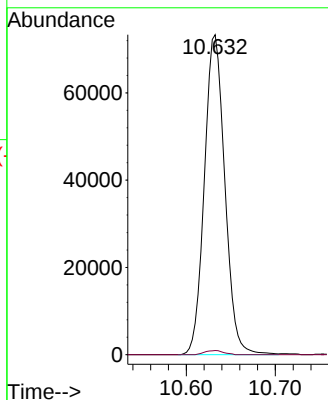
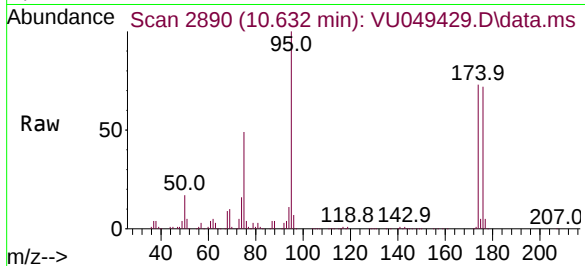




#76
1,2,3-Trichloropropane
Concen: 15.461 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

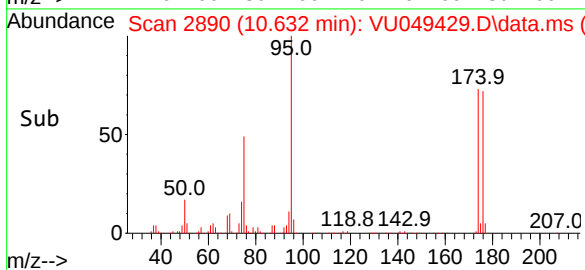
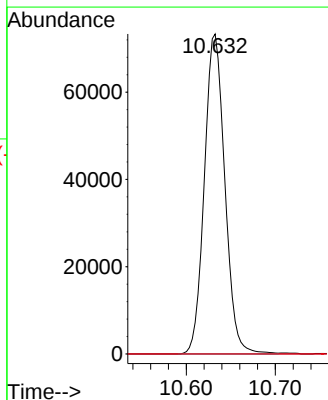
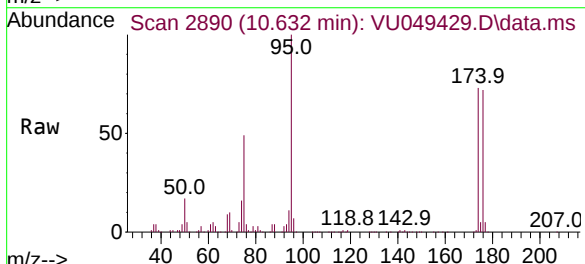
Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

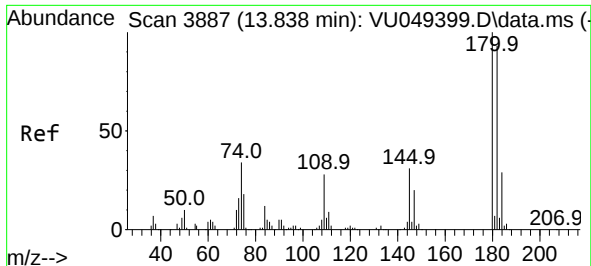
Tgt Ion: 75 Resp: 117027
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.096 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

Tgt Ion: 75 Resp: 117027
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

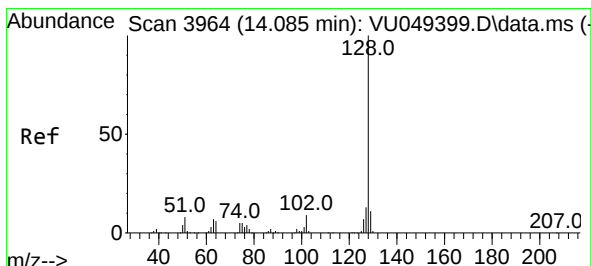
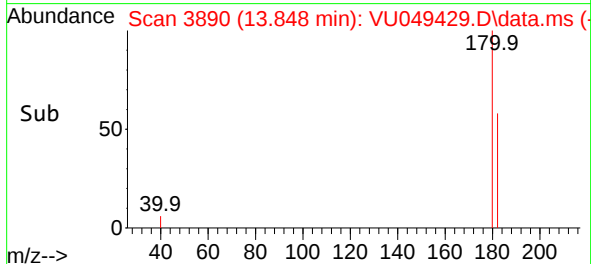
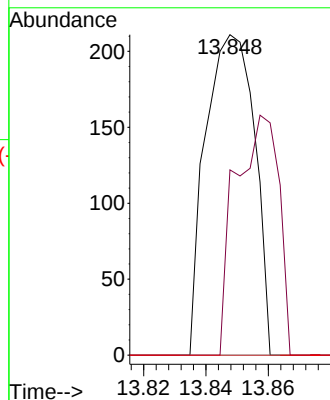
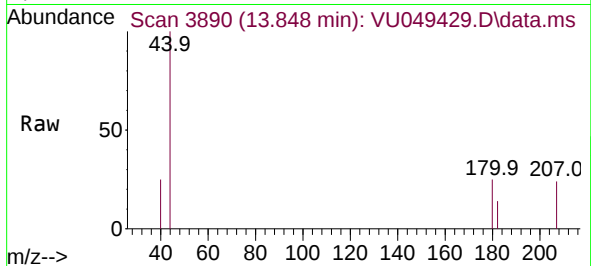




#93
1,2,4-Trichlorobenzene
Concen: 1.798 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

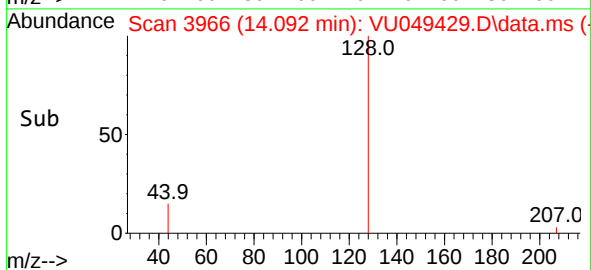
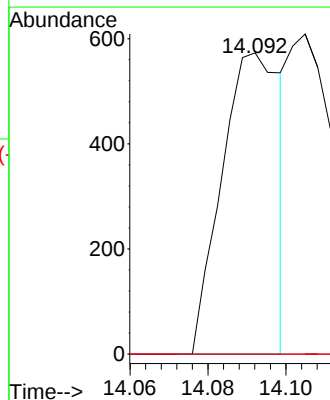
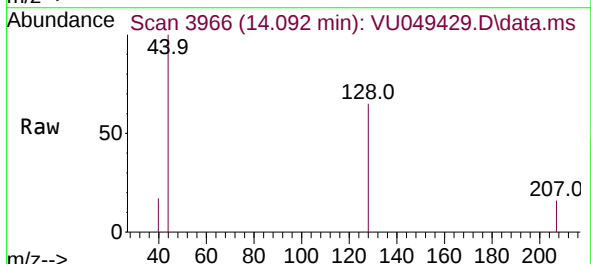
Instrument :
MSVOA_U
ClientSampleId :
TB01-20220613RE

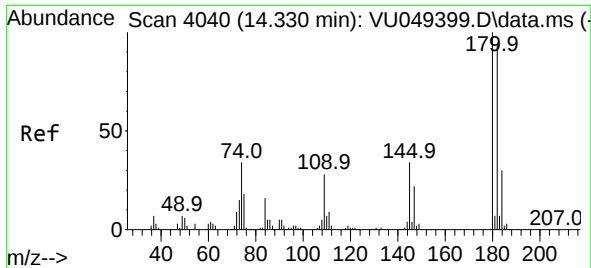
Tgt Ion:180 Resp: 230
Ion Ratio Lower Upper
180 100
182 66.1 47.9 143.6
145 0.0 14.0 41.9#



#95
Naphthalene
Concen: 1.769 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049429.D
Acq: 28 Jun 2022 02:17

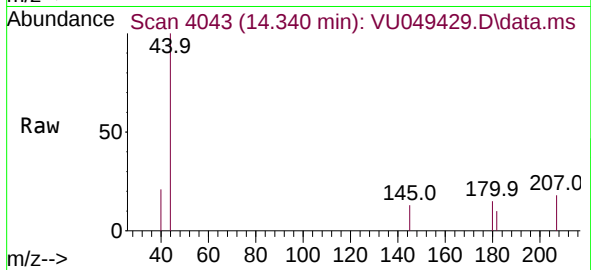
Tgt Ion:128 Resp: 597
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.223 ug/l
 RT: 14.340 min Scan# 40
 Delta R.T. 0.010 min
 Lab File: VU049429.D
 Acq: 28 Jun 2022 02:17

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20220613RE



Tgt Ion:180 Resp: 244
 Ion Ratio Lower Upper
 180 100
 182 57.8 48.4 145.0
 145 40.2 14.8 44.4

