

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049568.D
 Acq On : 30 Jun 2022 17:07
 Operator : SY/MD
 Sample : N3554-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-06292022

Quant Time: Jul 01 05:26:29 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)

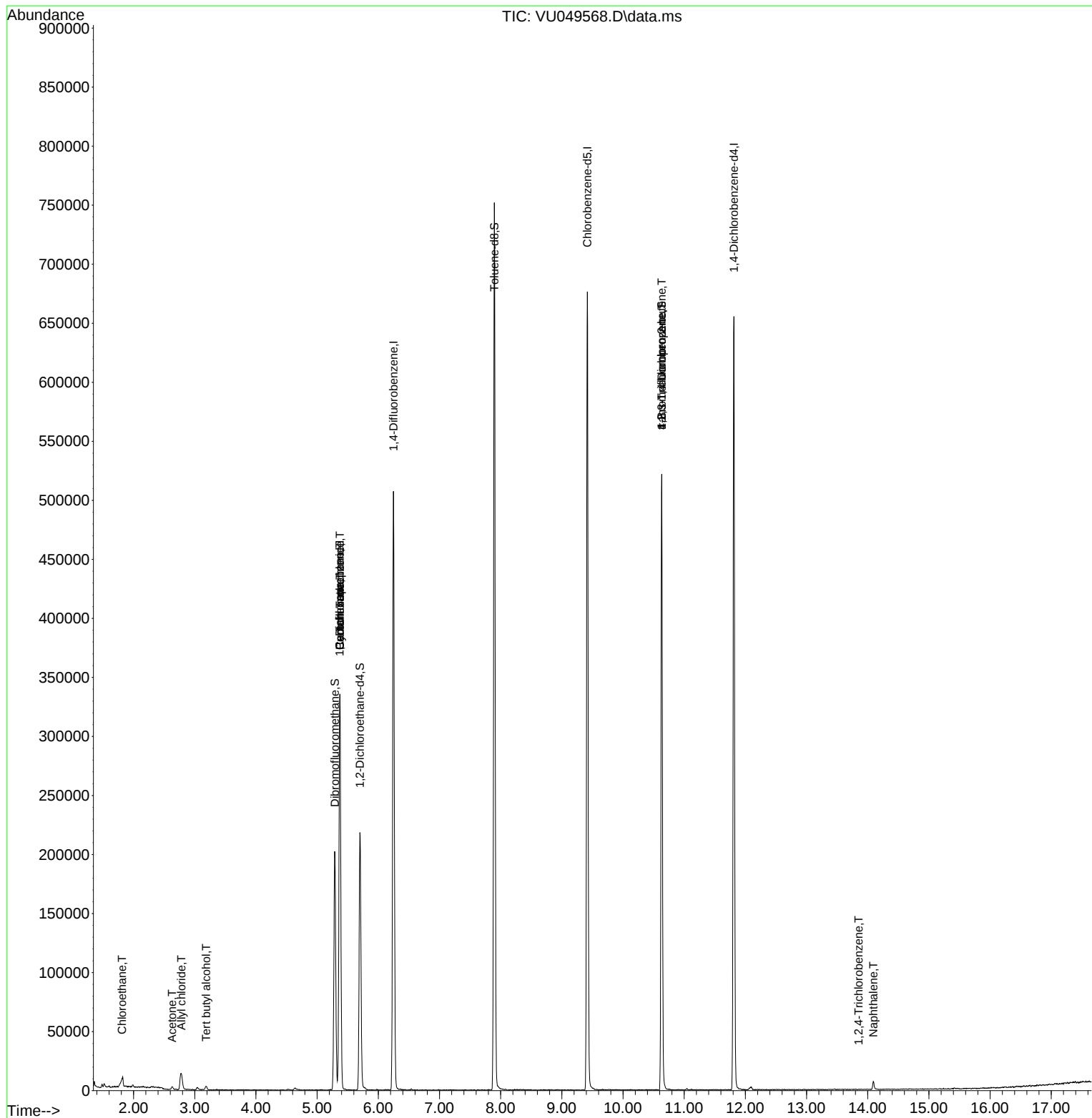
Internal Standards						
1) Pentafluorobenzene	5.372	168	231122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	407727	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	172683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	164910	46.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.660%
35) Dibromofluoromethane	5.289	113	131647	46.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	7.896	98	493693	48.523	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	10.632	95	178503	45.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	3056	Below Cal	#	81
6) Chloroethane	1.813	64	130	1.988	ug/l #	44
11) Tert butyl alcohol	3.186	59	2125	2.551	ug/l #	37
14) Allyl chloride	2.784	41	1978	0.390	ug/l #	77
16) Acetone	2.630	43	3397	1.892	ug/l #	84
20) Methylene Chloride	3.035	84	327	Below Cal	#	72
31) Cyclohexane	5.372	56	5450	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	19148	4.629	ug/l #	48
38) Carbon Tetrachloride	5.372	117	23693	5.462	ug/l #	15
76) 1,2,3-Trichloropropane	10.632	75	91152	15.571	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	91152	57.503	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.851	180	42	1.764	ug/l #	12
95) Naphthalene	14.092	128	7074	2.241	ug/l #	92

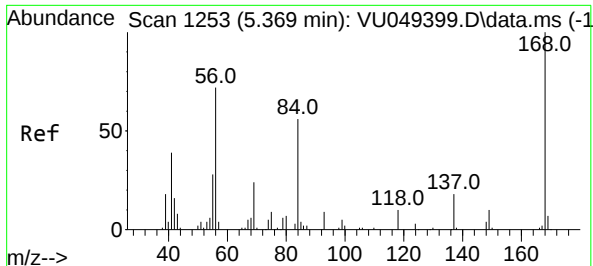
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU049568.D
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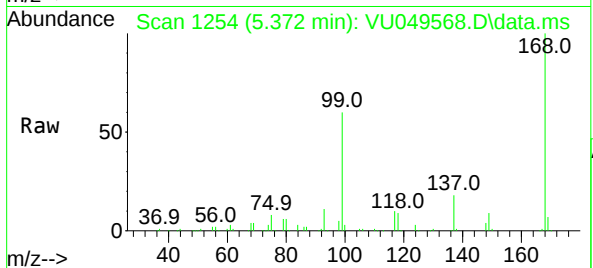
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration



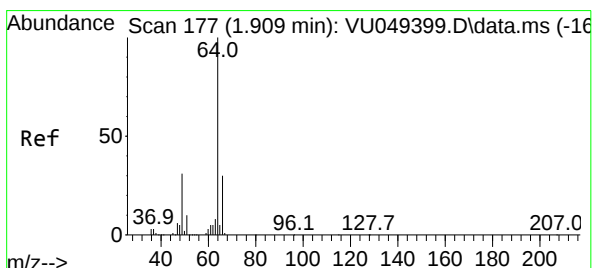
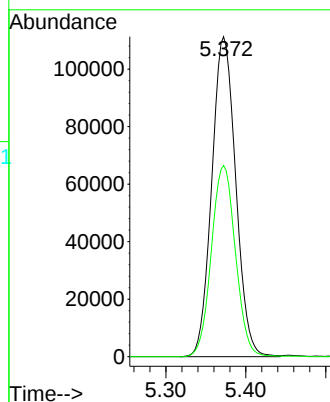
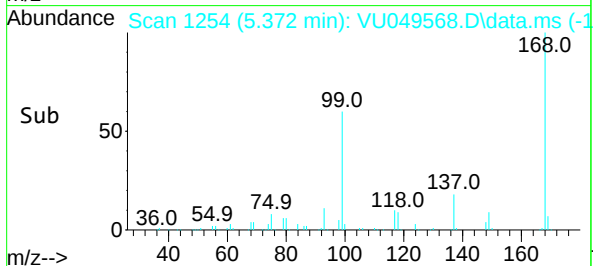


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
TB-06292022

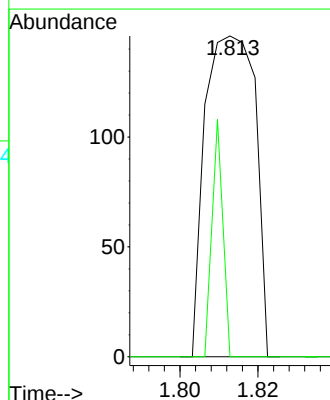
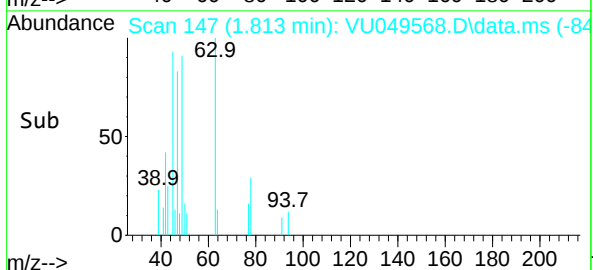
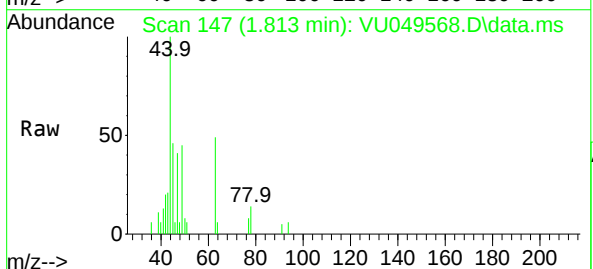


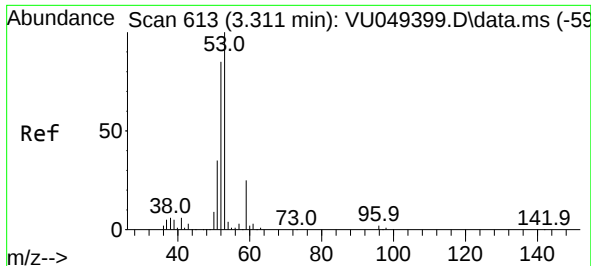
Tgt Ion:168 Resp: 231122
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#6
Chloroethane
Concen: 1.988 ug/l
RT: 1.813 min Scan# 147
Delta R.T. -0.096 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

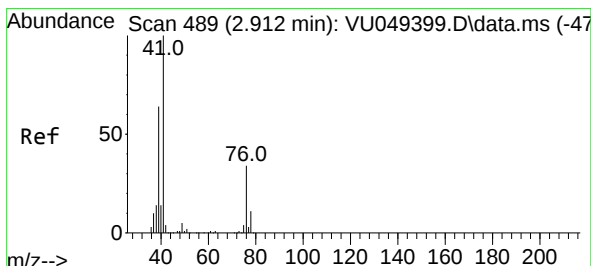
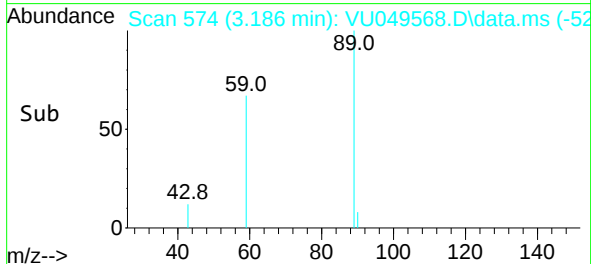
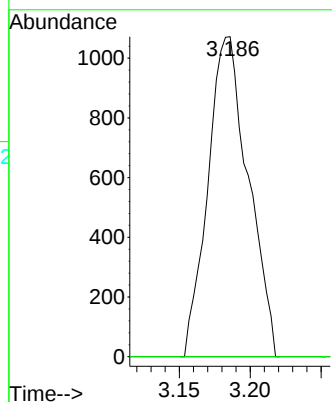
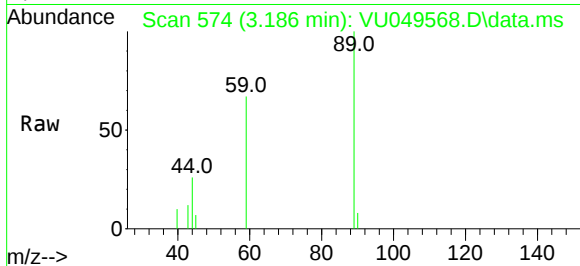




#11
Tert butyl alcohol
Concen: 2.551 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

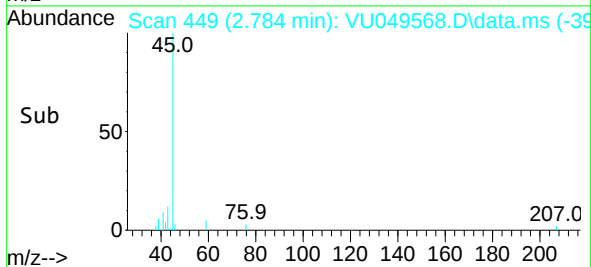
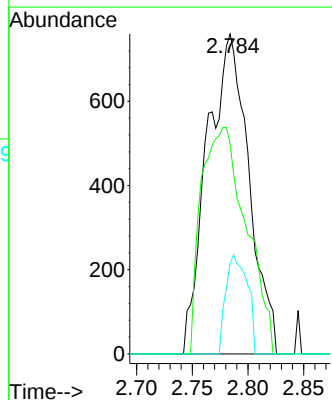
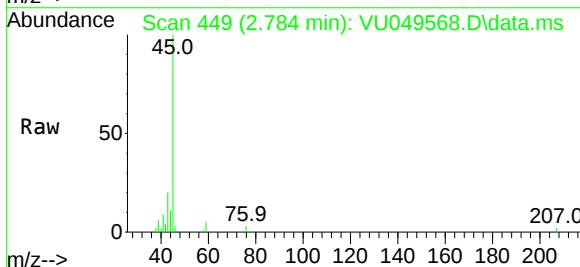
Instrument :
MSVOA_U
ClientSampleId :
TB-06292022

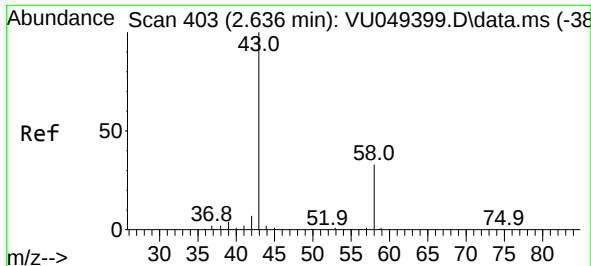
Tgt Ion: 59 Resp: 2125
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#14
Allyl chloride
Concen: 0.390 ug/l
RT: 2.784 min Scan# 449
Delta R.T. -0.128 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion: 41 Resp: 1978
Ion Ratio Lower Upper
41 100
39 75.9 53.4 80.2
76 15.9 33.8 50.6#





#16

Acetone

Concen: 1.892 ug/l

RT: 2.630 min Scan# 403

Delta R.T. -0.006 min

Lab File: VU049568.D

Acq: 30 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

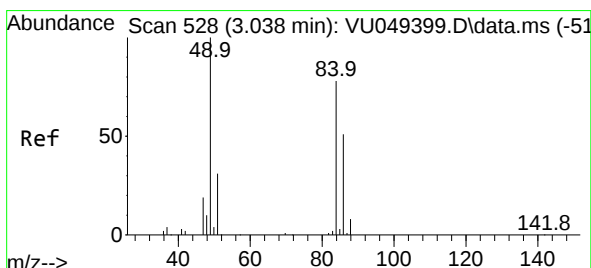
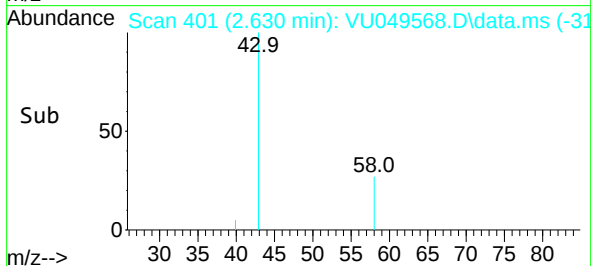
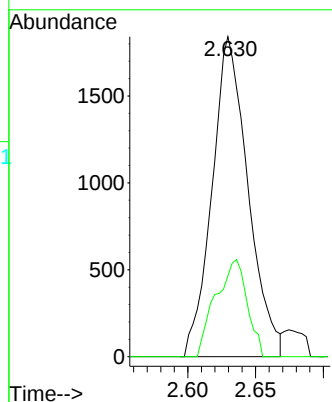
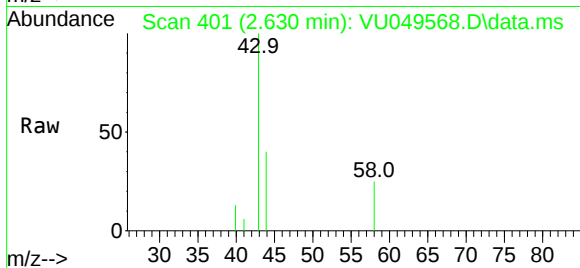
TB-06292022

Tgt Ion: 43 Resp: 3397

Ion Ratio Lower Upper

43 100

58 25.3 27.5 41.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.035 min Scan# 527

Delta R.T. -0.003 min

Lab File: VU049568.D

Acq: 30 Jun 2022 17:07

Tgt Ion: 84 Resp: 327

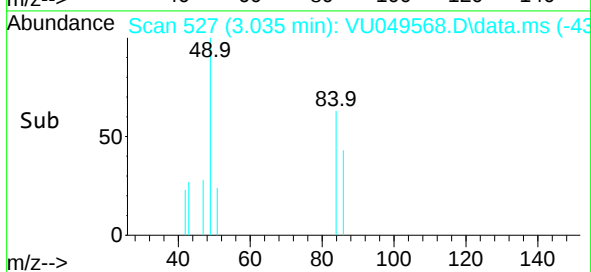
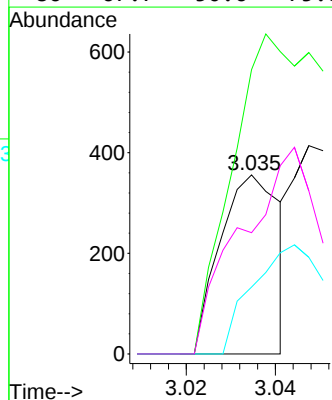
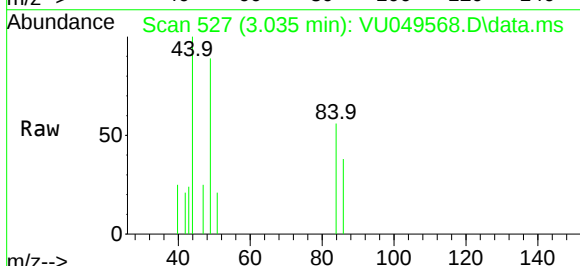
Ion Ratio Lower Upper

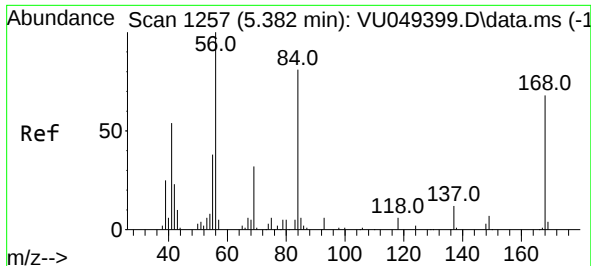
84 100

49 158.7 86.6 129.8#

51 37.4 26.6 40.0

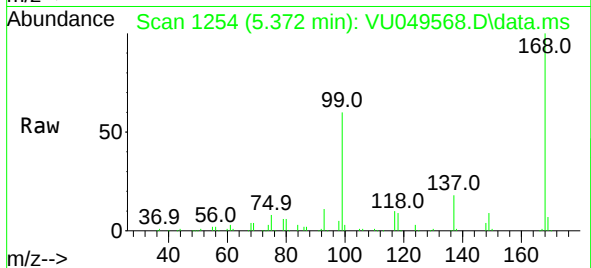
86 67.7 50.6 75.8



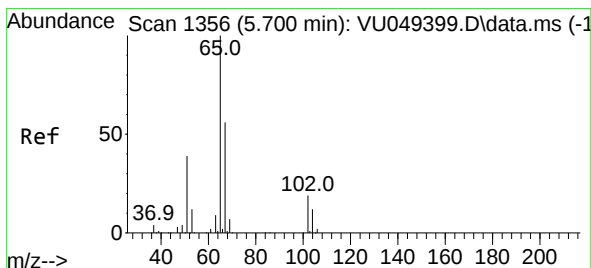
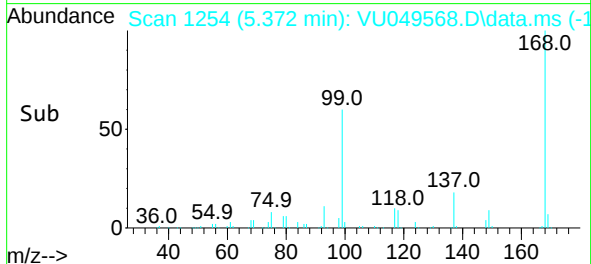
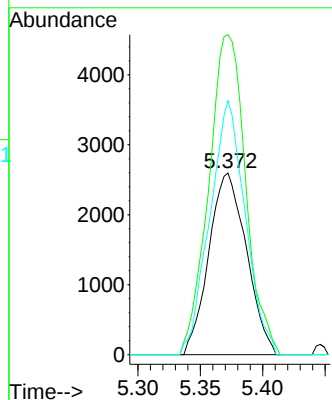


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.009 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
TB-06292022

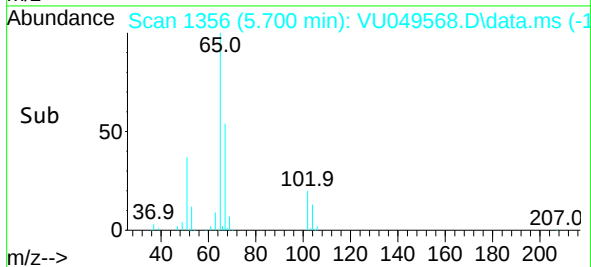
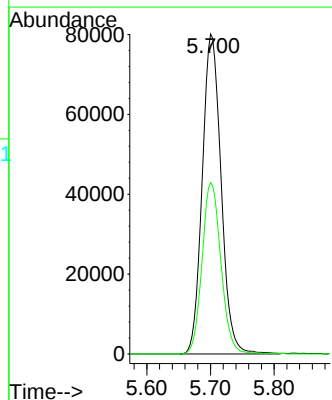
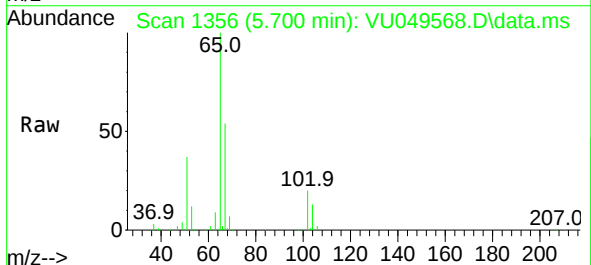


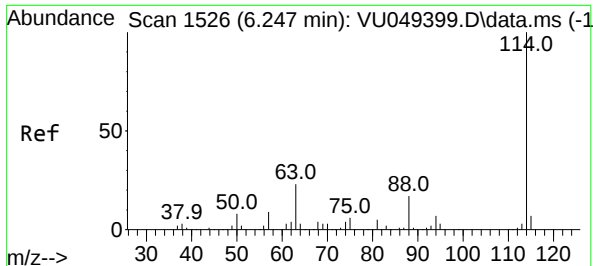
Tgt Ion: 56 Resp: 5450
Ion Ratio Lower Upper
56 100
69 176.1 27.8 41.8#
84 139.8 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 46.330 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion: 65 Resp: 164910
Ion Ratio Lower Upper
65 100
67 53.7 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: VU049568.D

Acq: 30 Jun 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

TB-06292022

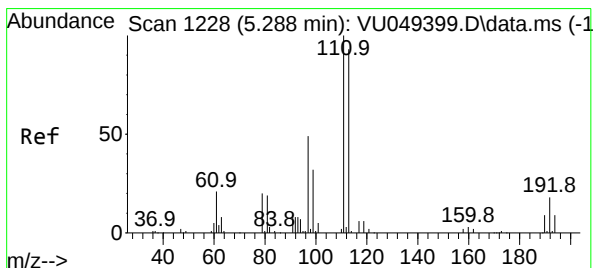
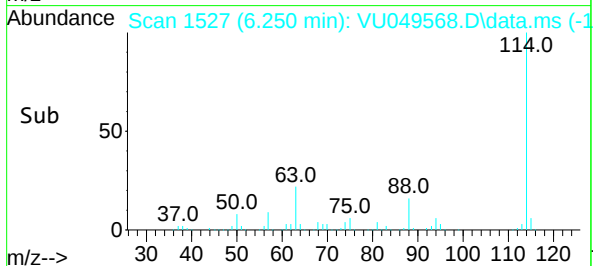
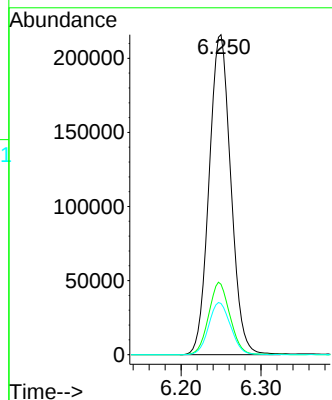
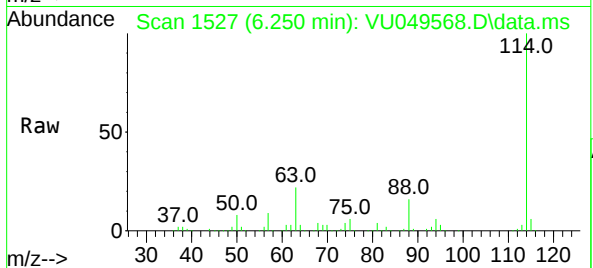
Tgt Ion:114 Resp: 407727

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.150 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049568.D

Acq: 30 Jun 2022 17:07

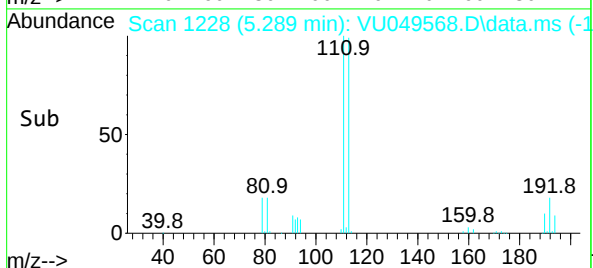
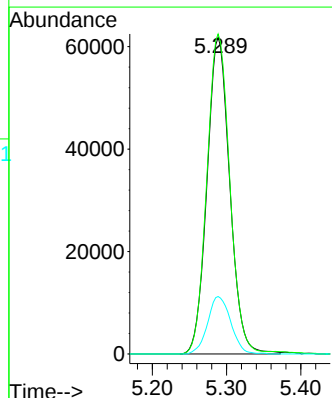
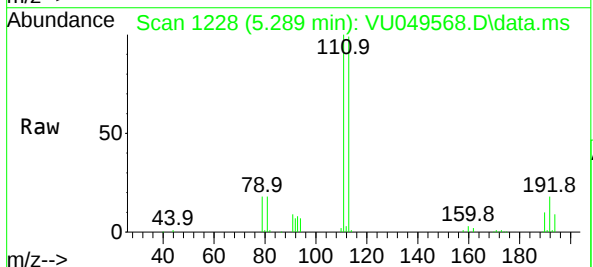
Tgt Ion:113 Resp: 131647

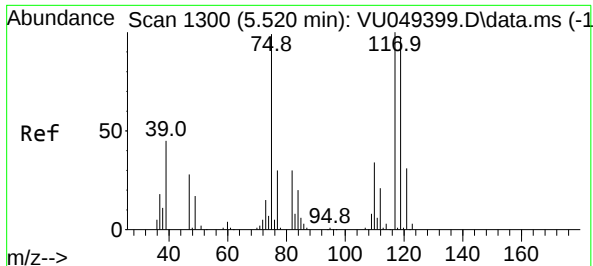
Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 18.4 18.0 27.0

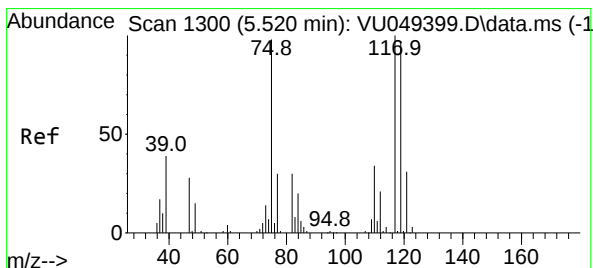
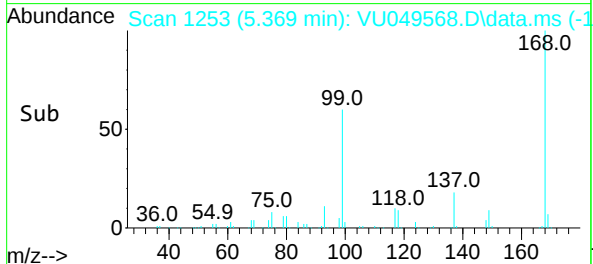
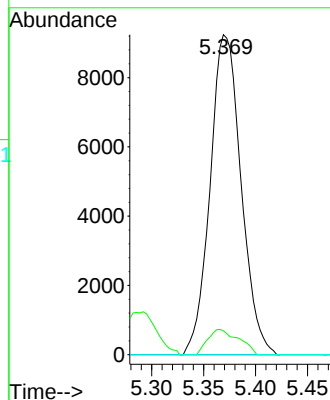
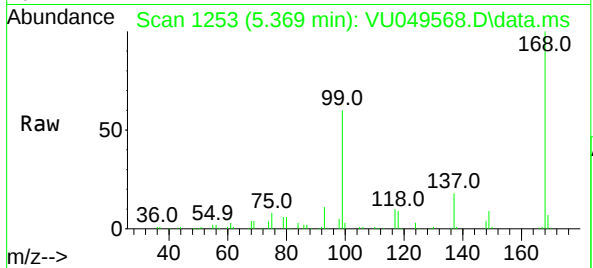




#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

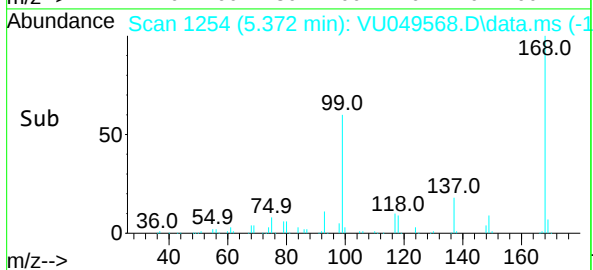
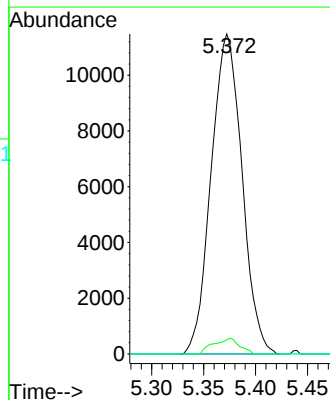
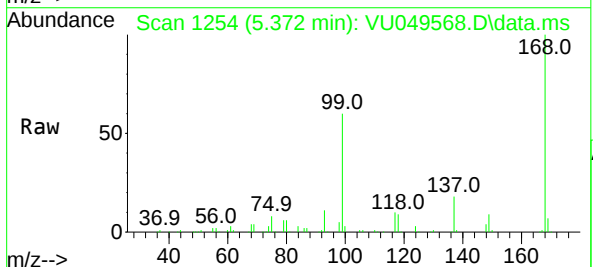
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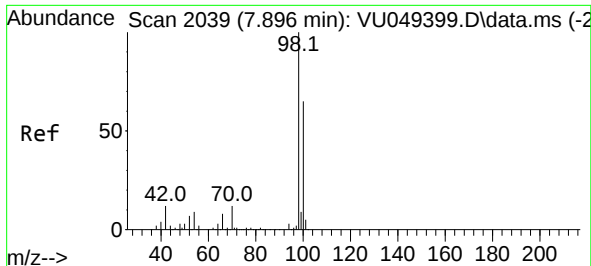
Tgt Ion: 75 Resp: 19148
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.462 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion: 117 Resp: 23693
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 24.7 37.1#

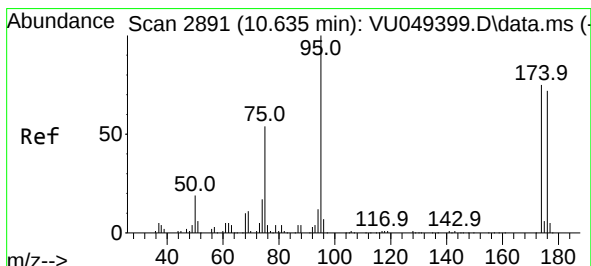
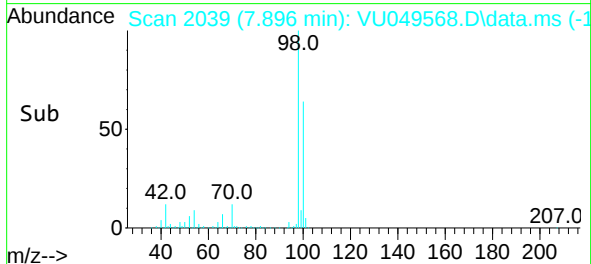
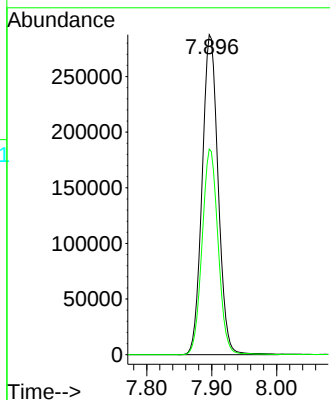
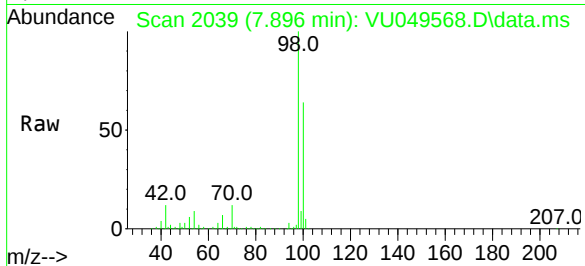




#50
Toluene-d8
Concen: 48.523 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

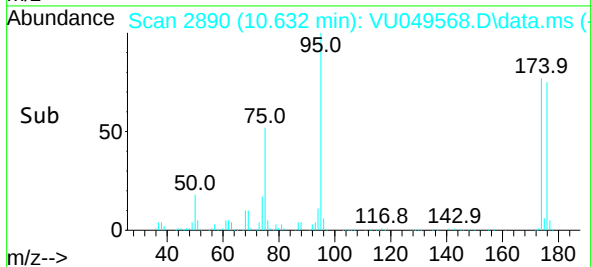
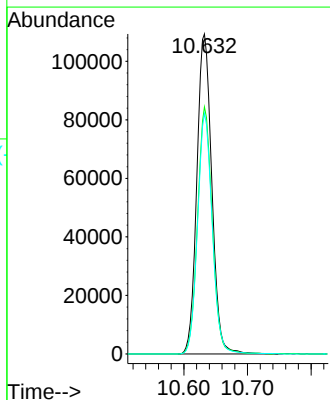
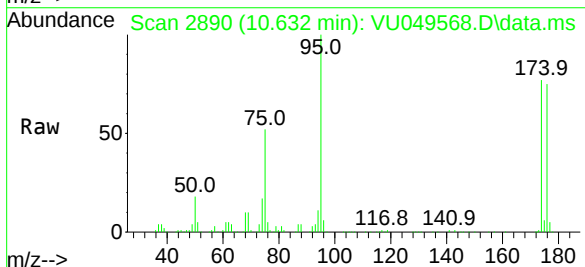
Instrument :
MSVOA_U
ClientSampleId :
TB-06292022

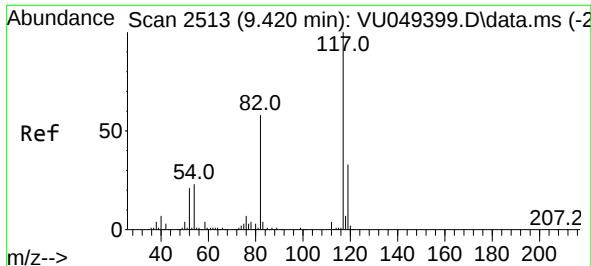
Tgt Ion: 98 Resp: 493693
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.800 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion: 95 Resp: 178503
Ion Ratio Lower Upper
95 100
174 75.8 0.0 182.0
176 73.6 0.0 177.8

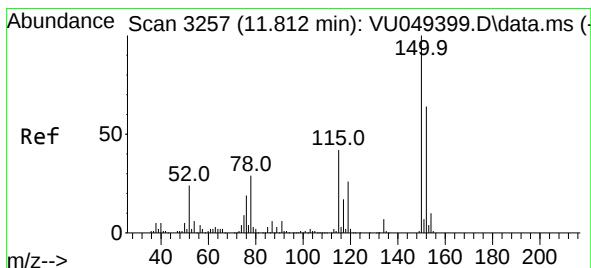
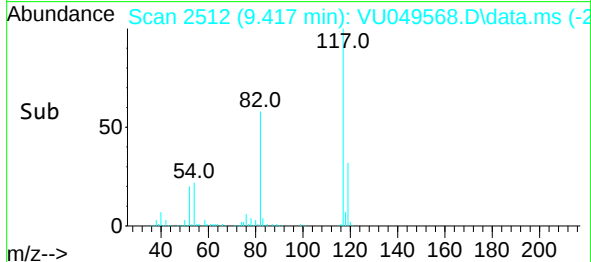
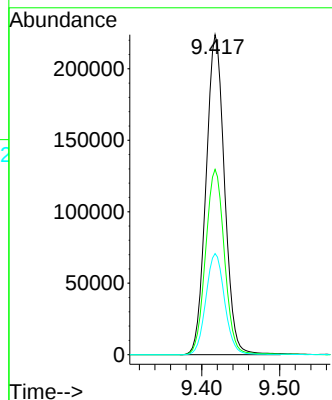
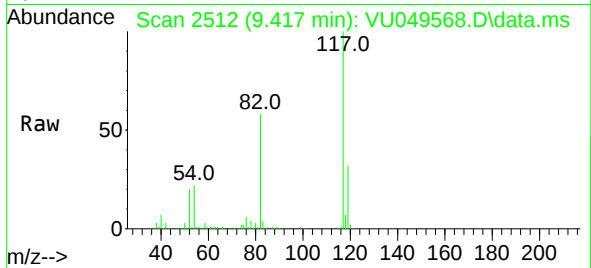




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

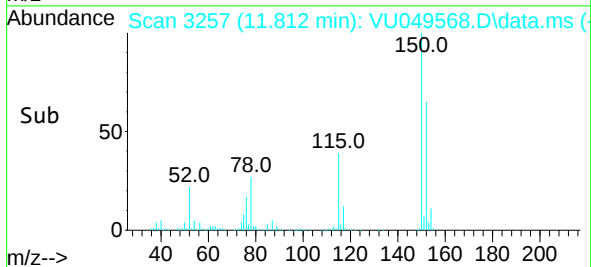
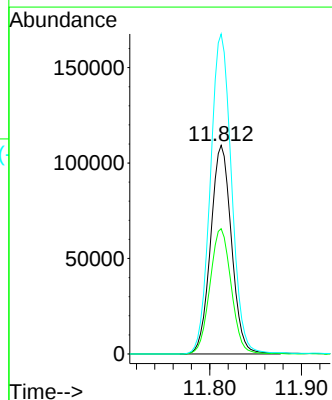
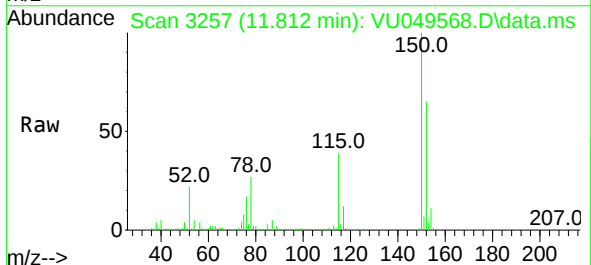
Instrument :
MSVOA_U
ClientSampleId :
TB-06292022

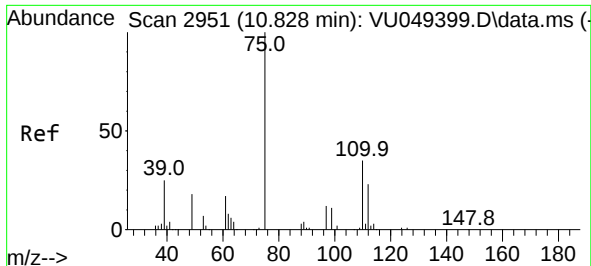
Tgt Ion:117 Resp: 369168
Ion Ratio Lower Upper
117 100
82 57.9 41.7 62.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion:152 Resp: 172683
Ion Ratio Lower Upper
152 100
115 61.0 37.0 110.9
150 155.9 0.0 342.2

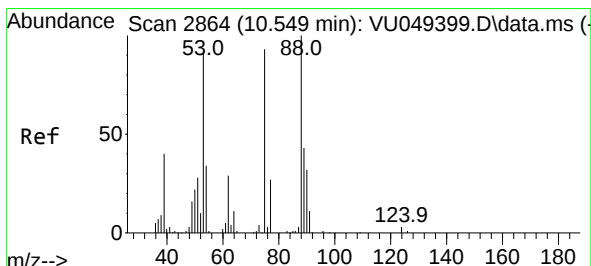
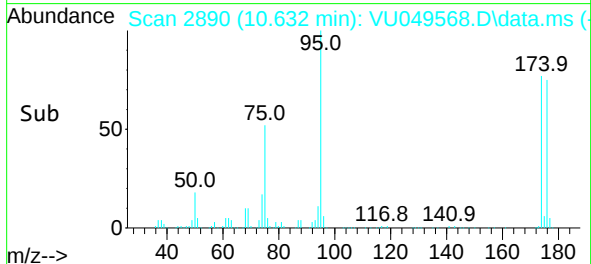
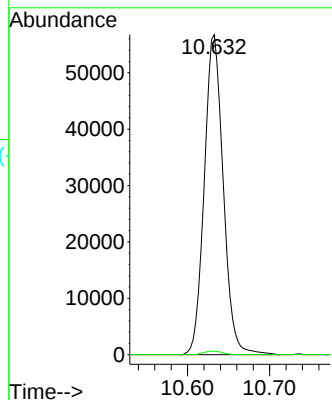
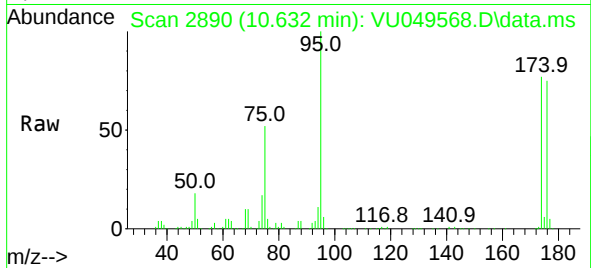




#76
1,2,3-Trichloropropane
Concen: 15.571 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

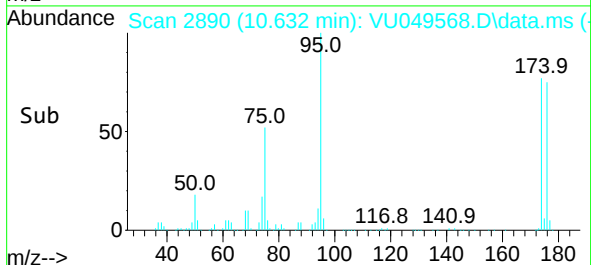
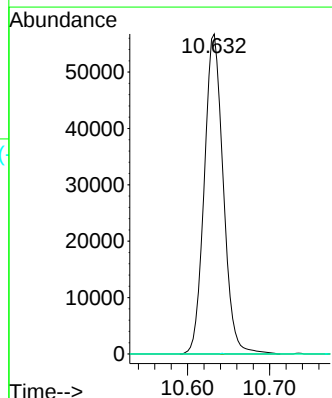
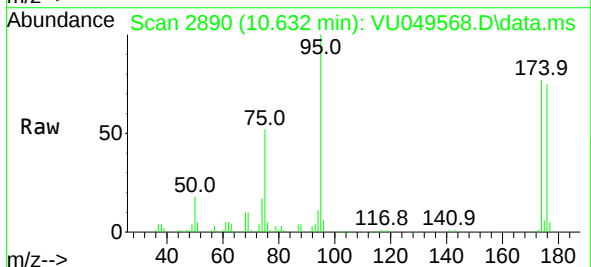
Instrument :
MSVOA_U
ClientSampleId :
TB-06292022

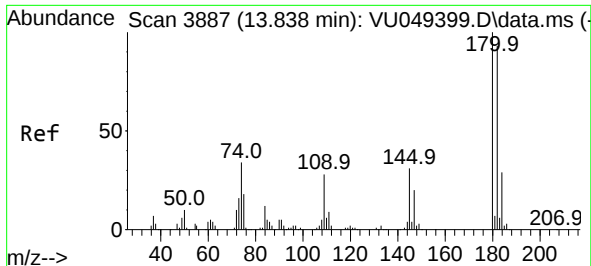
Tgt Ion: 75 Resp: 91152
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.503 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049568.D
Acq: 30 Jun 2022 17:07

Tgt Ion: 75 Resp: 91152
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: 1.764 ug/l

RT: 13.851 min Scan# 3891

Delta R.T. 0.013 min

Lab File: VU049568.D

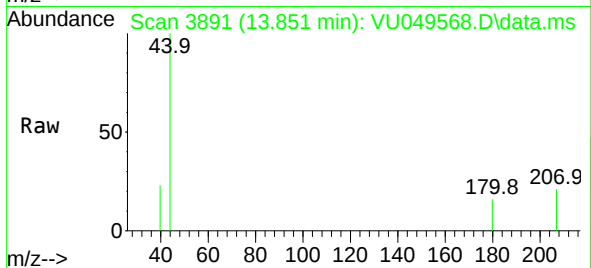
Acq: 30 Jun 2022 17:07

Instrument :

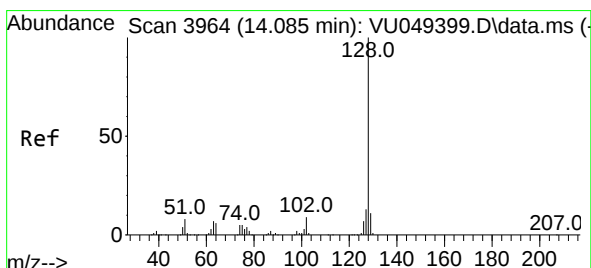
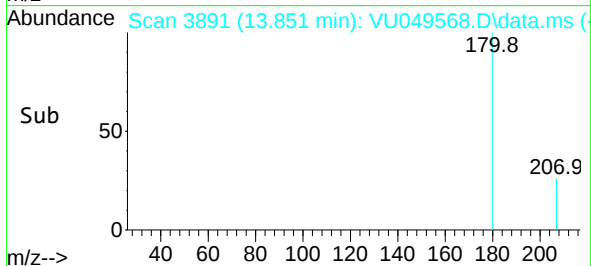
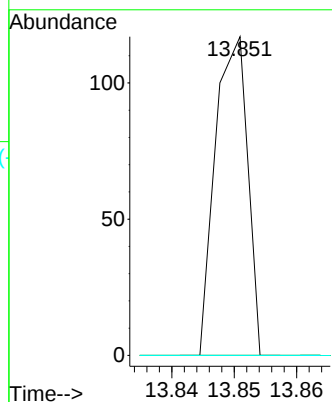
MSVOA_U

ClientSampleId :

TB-06292022



Tgt Ion:180	Resp:	42
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.9 143.6#
145	0.0	14.0 41.9#



#95

Naphthalene

Concen: 2.241 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VU049568.D

Acq: 30 Jun 2022 17:07

Tgt Ion:128	Resp:	7074
Ion Ratio	Lower	Upper
128	100	
127	9.5	10.3 15.5#
129	7.8	8.6 13.0#

