

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049592.D
 Acq On : 01 Jul 2022 19:18
 Operator : SY/MD
 Sample : N3569-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-06302022

Quant Time: Jul 04 06:49:20 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)

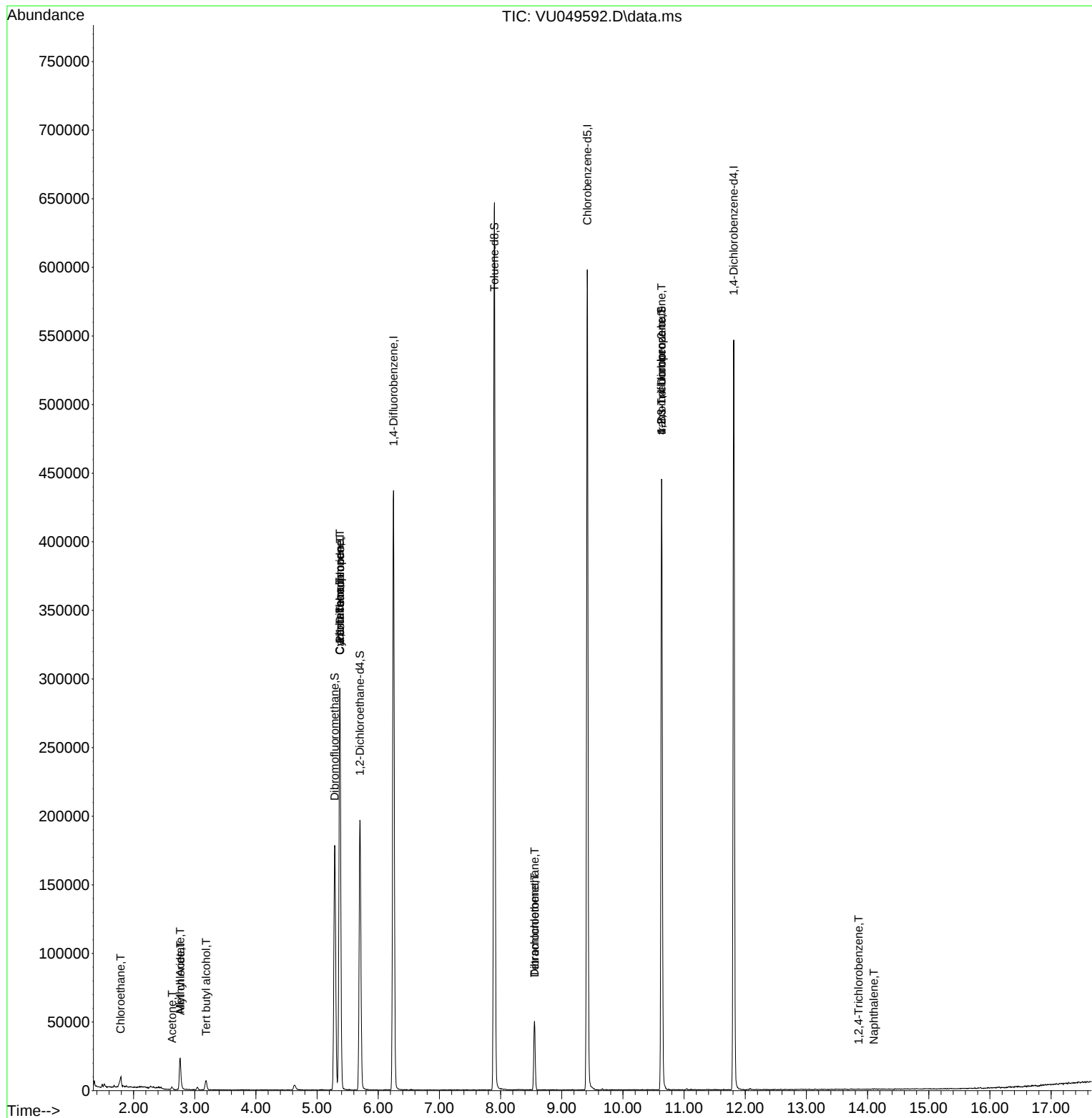
Internal Standards						
1) Pentafluorobenzene	5.372	168	199592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	345450	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	320866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	143555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	145217	47.243	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.480%
35) Dibromofluoromethane	5.288	113	113144	46.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	7.899	98	419215	48.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	10.632	95	148335	44.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2210	Below Cal	#	88
6) Chloroethane	1.787	64	127	1.997	ug/l #	44
11) Tert butyl alcohol	3.186	59	4332	6.021	ug/l #	37
14) Allyl chloride	2.764	41	2324	0.530	ug/l #	64
16) Acetone	2.629	43	2371	1.530	ug/l	93
18) Methyl Acetate	2.761	43	6643	1.583	ug/l #	47
20) Methylene Chloride	3.041	84	854	Below Cal	#	81
31) Cyclohexane	5.369	56	4455	0.965	ug/l #	19
36) 1,1-Dichloropropene	5.372	75	16305	4.653	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20379	5.545	ug/l #	16
60) Dibromochloromethane	8.555	129	10764	3.981	ug/l #	11
64) Tetrachloroethene	8.555	164	10907	5.300	ug/l	90
76) 1,2,3-Trichloropropane	10.632	75	80547	16.552	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	80547	61.123	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.851	180	43	1.767	ug/l #	12
95) Naphthalene	14.105	128	576	1.785	ug/l #	69

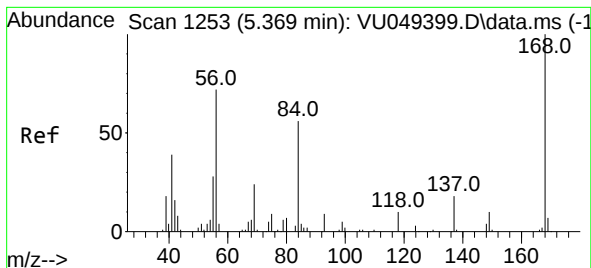
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 28 10:35:43 2022
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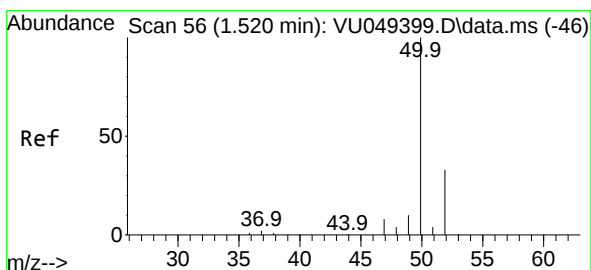
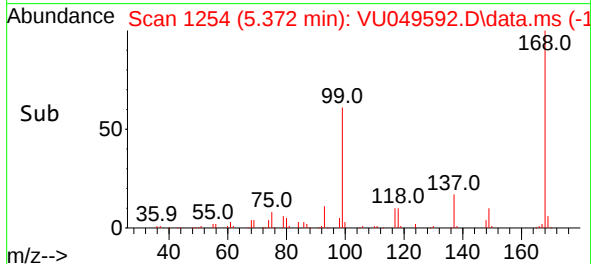
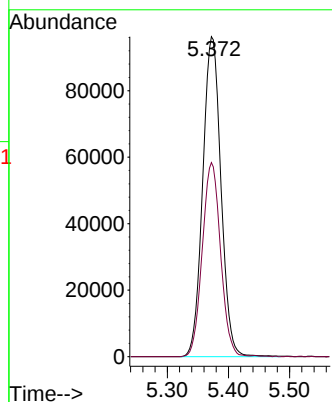
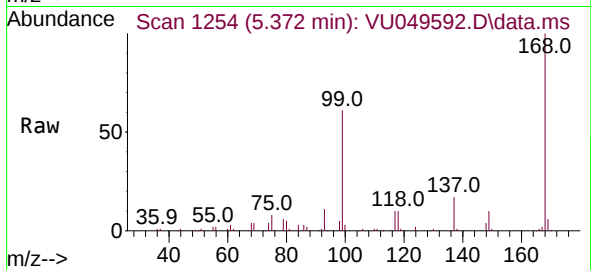




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

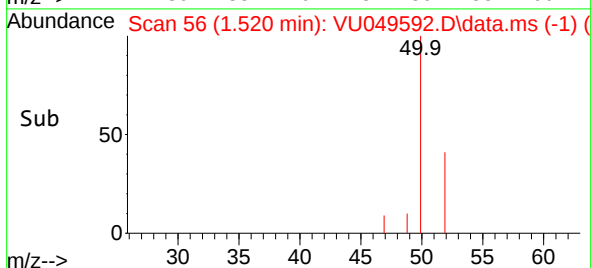
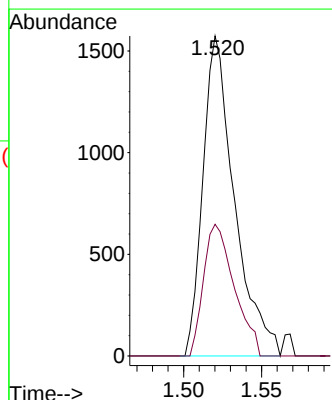
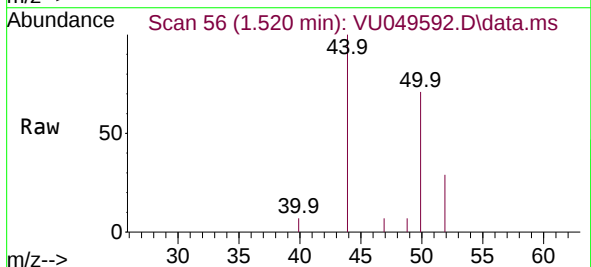
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

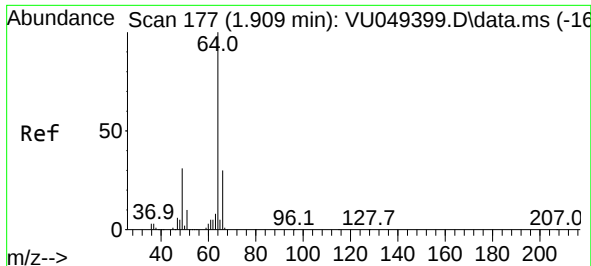
Tgt Ion:168 Resp: 199592
Ion Ratio Lower Upper
168 100
99 60.7 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion: 50 Resp: 2210
Ion Ratio Lower Upper
50 100
52 41.2 27.4 41.2#

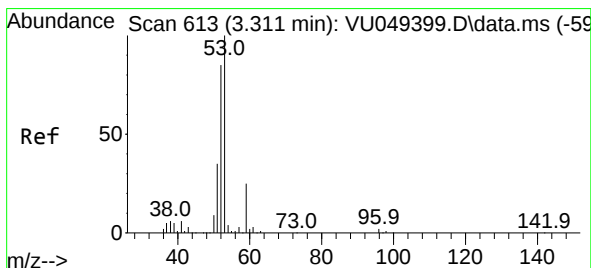
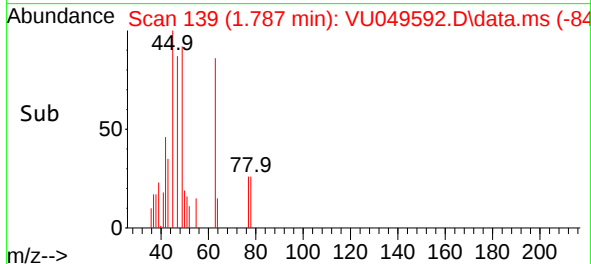
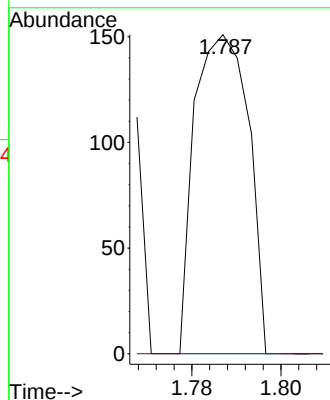
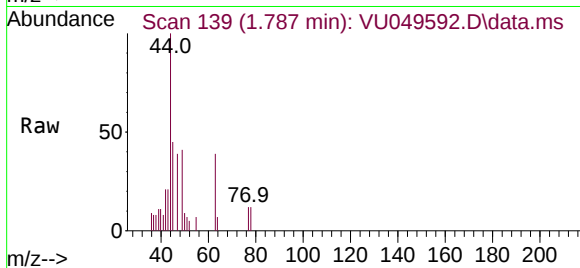




#6
Chloroethane
Concen: 1.997 ug/l
RT: 1.787 min Scan# 11
Delta R.T. -0.122 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

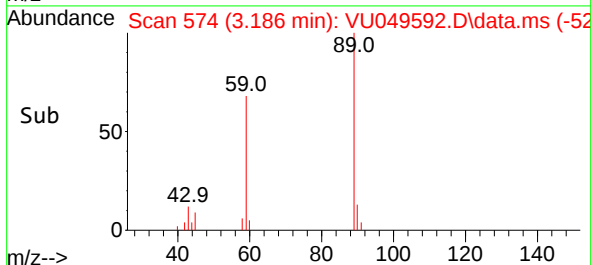
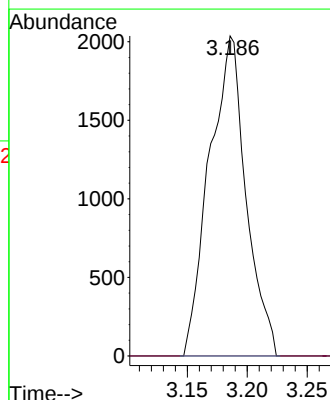
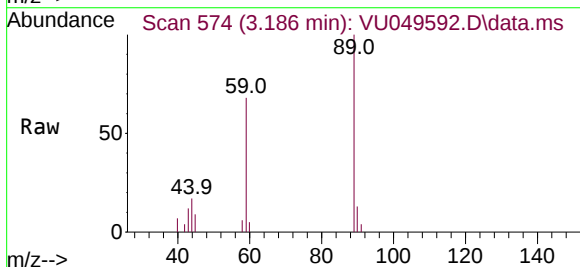
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

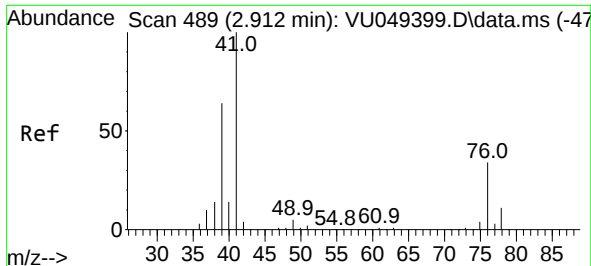
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 6.021 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion: 59 Resp: 4332
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

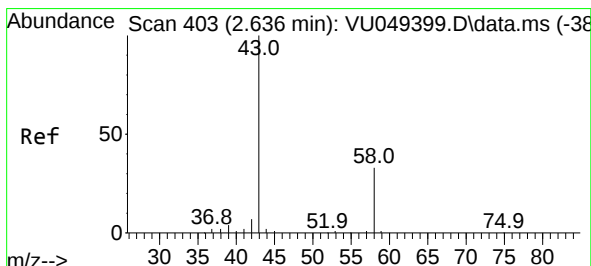
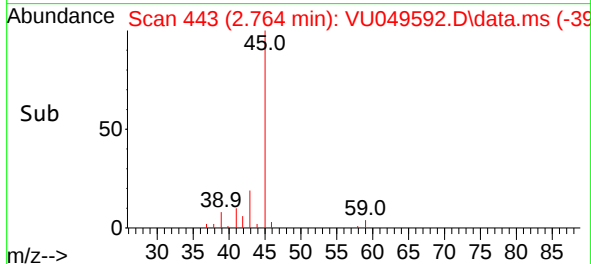
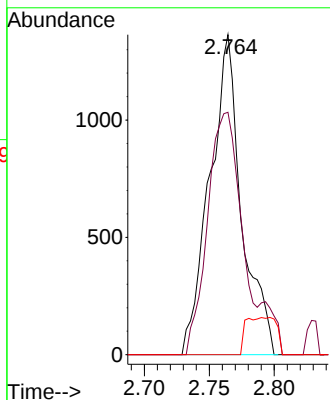
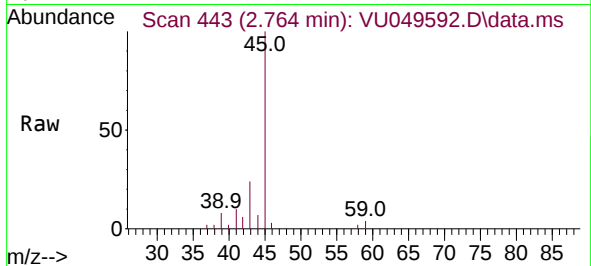




#14
 Allyl chloride
 Concen: 0.530 ug/l
 RT: 2.764 min Scan# 41
 Delta R.T. -0.148 min
 Lab File: VU049592.D
 Acq: 01 Jul 2022 19:18

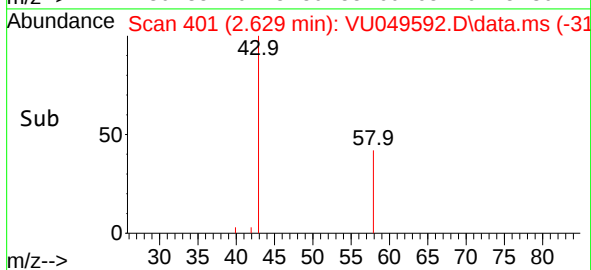
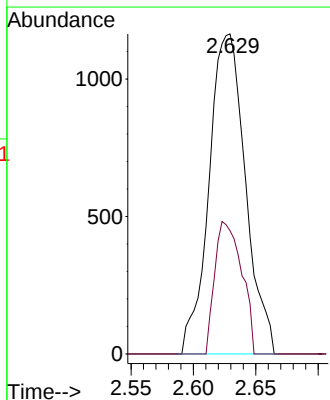
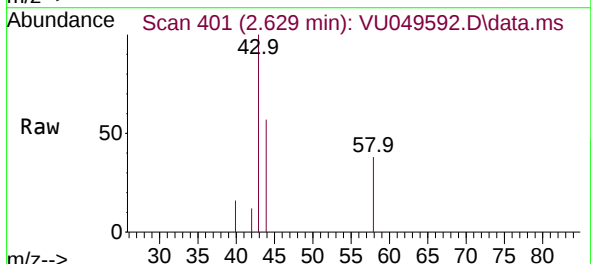
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-06302022

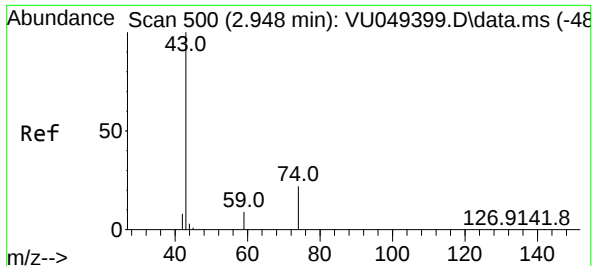
Tgt Ion: 41	Resp:	2324
Ion Ratio	Lower	Upper
41	100	
39	79.8	53.4 80.2
76	0.0	33.8 50.6#



#16
 Acetone
 Concen: 1.530 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VU049592.D
 Acq: 01 Jul 2022 19:18

Tgt Ion: 43	Resp:	2371
Ion Ratio	Lower	Upper
43	100	
58	38.5	27.5 41.3

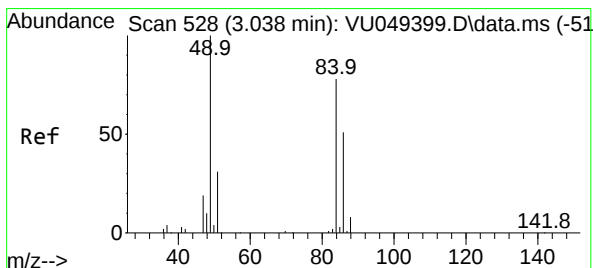
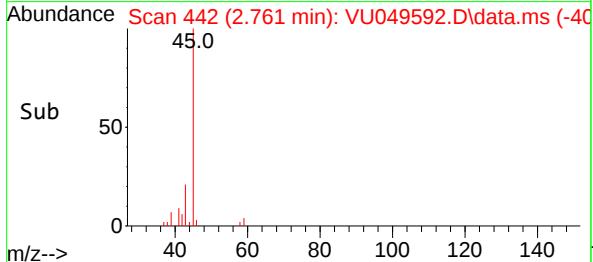
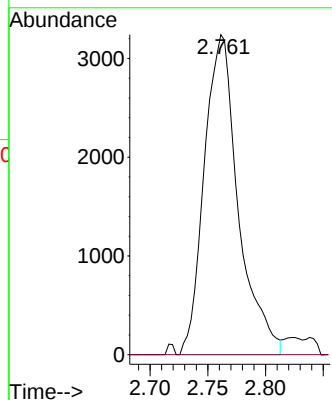
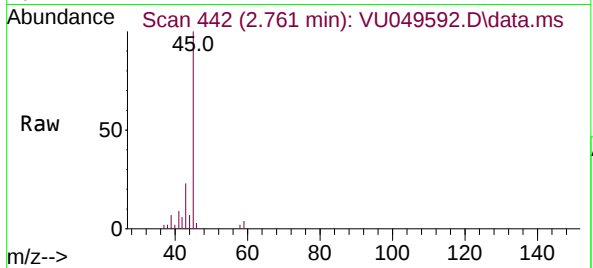




#18
Methyl Acetate
Concen: 1.583 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.186 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

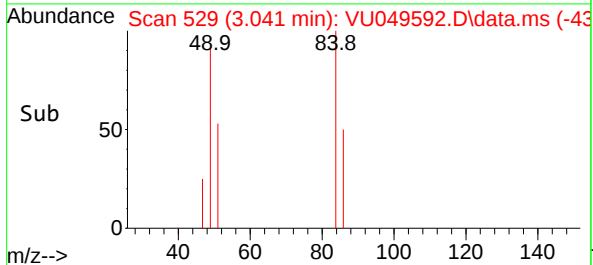
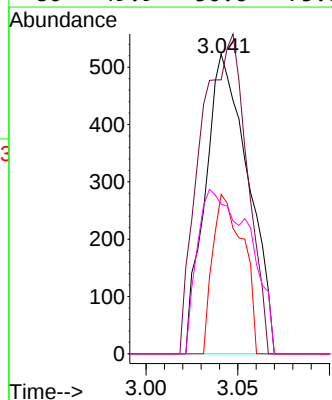
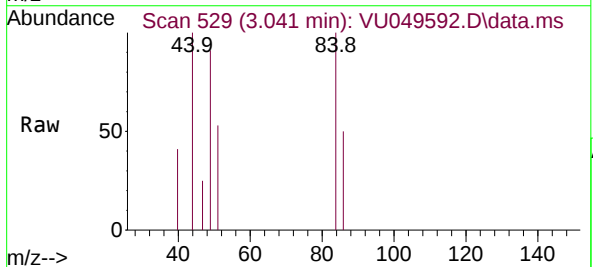
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

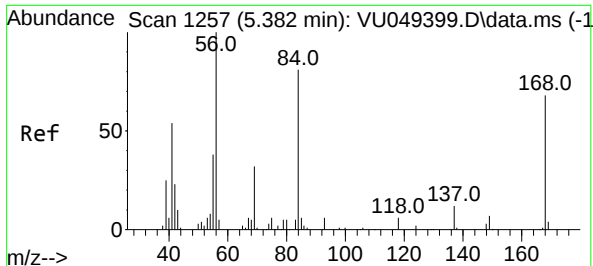
Tgt Ion: 43 Resp: 6643
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion: 84 Resp: 854
Ion Ratio Lower Upper
84 100
49 91.4 86.6 129.8
51 53.2 26.6 40.0#
86 49.9 50.6 75.8#

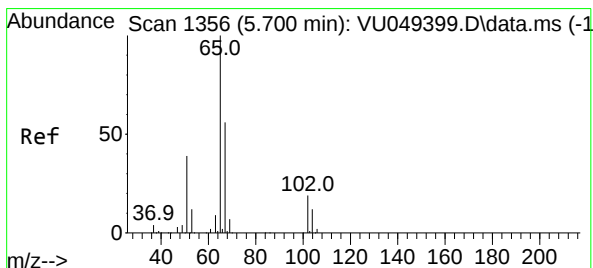
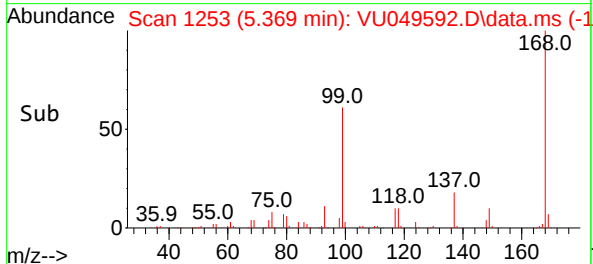
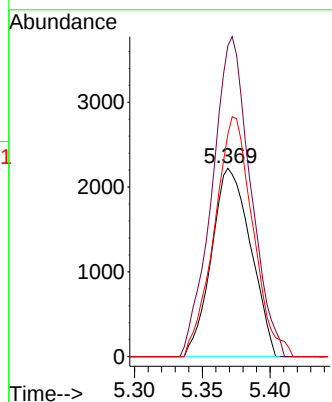
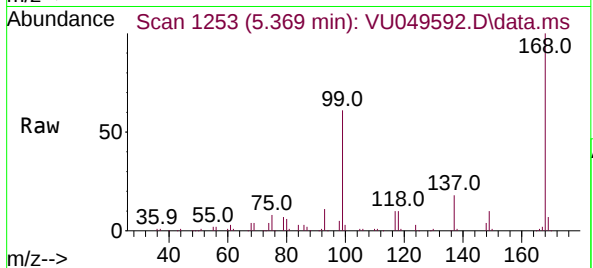




#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

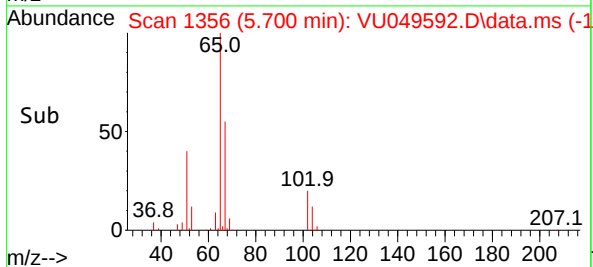
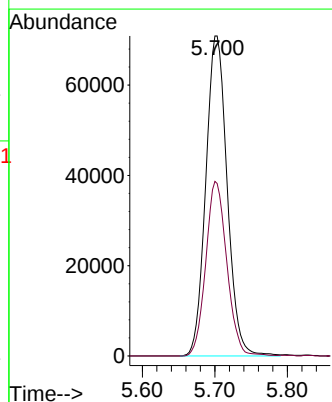
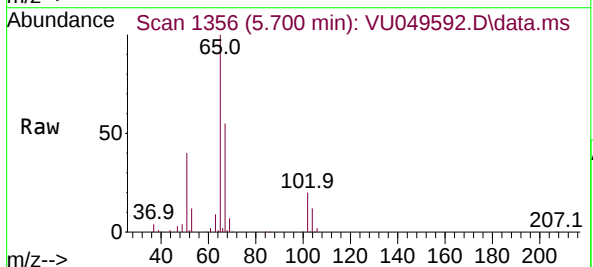
Instrument :
MSVOA_U
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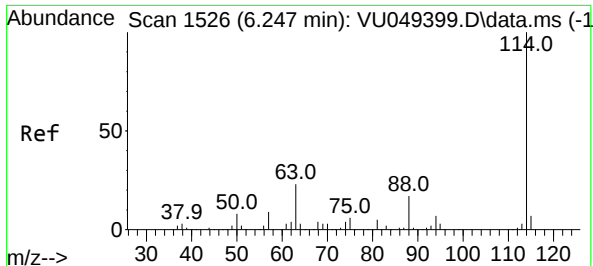
Tgt Ion: 56 Resp: 4455
Ion Ratio Lower Upper
56 100
69 165.1 27.8 41.8#
84 118.1 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 47.243 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion: 65 Resp: 145217
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# 114

Delta R.T. 0.003 min

Lab File: VU049592.D

Acq: 01 Jul 2022 19:18

Instrument :

MSVOA_U

ClientSampleId :

TB-06302022

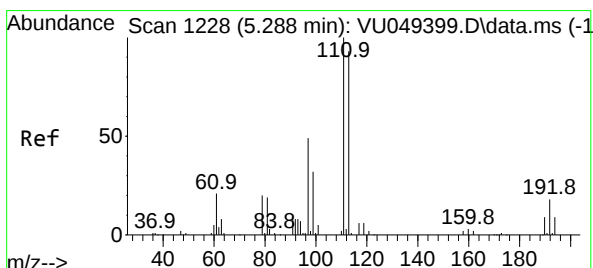
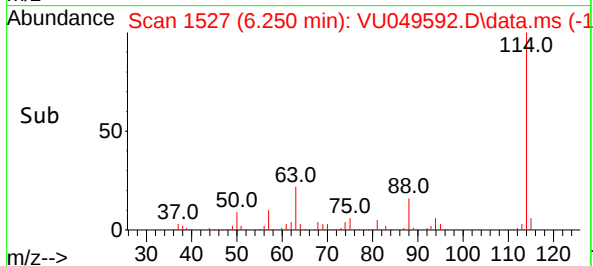
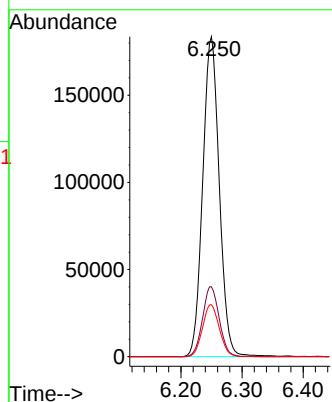
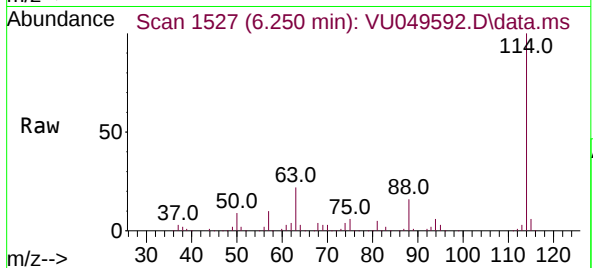
Tgt Ion:114 Resp: 345450

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.815 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049592.D

Acq: 01 Jul 2022 19:18

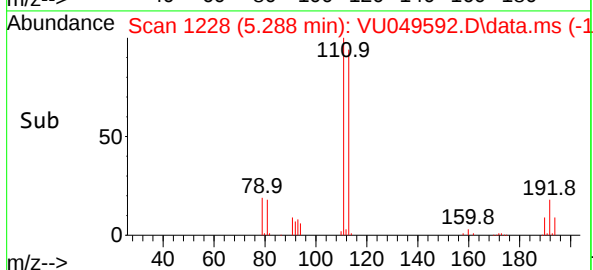
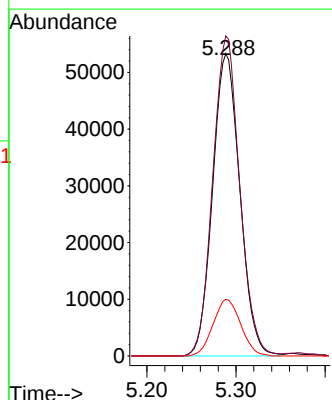
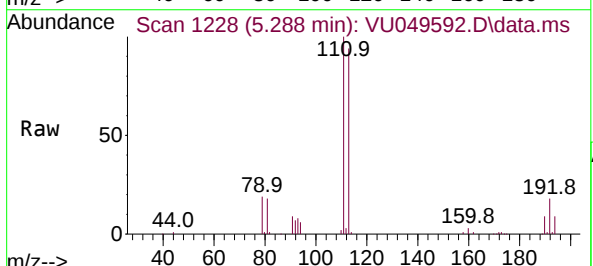
Tgt Ion:113 Resp: 113144

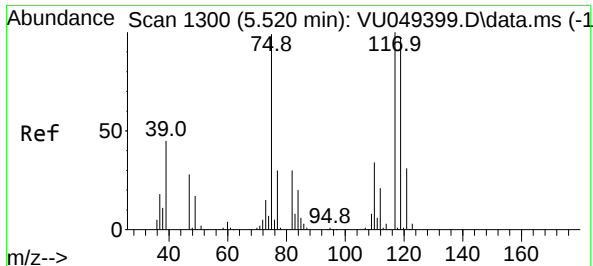
Ion Ratio Lower Upper

113 100

111 104.6 82.1 123.1

192 19.0 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.653 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049592.D

Acq: 01 Jul 2022 19:18

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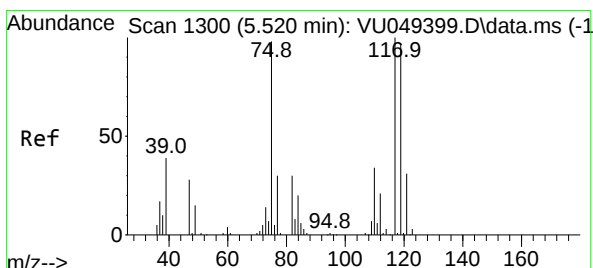
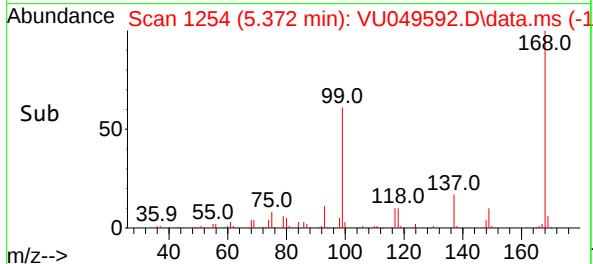
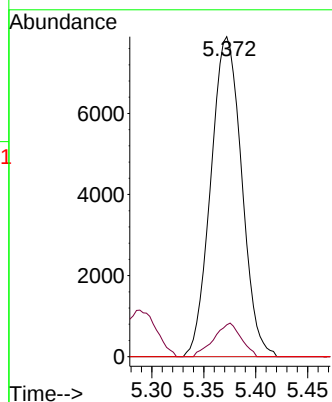
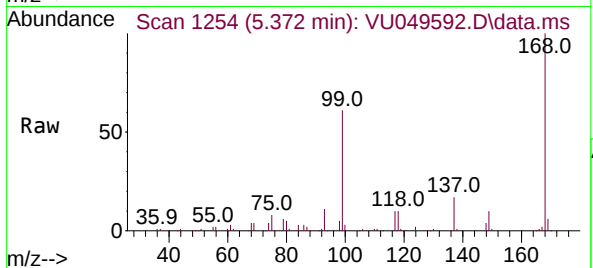
Tgt Ion: 75 Resp: 16305

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.545 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.145 min

Lab File: VU049592.D

Acq: 01 Jul 2022 19:18

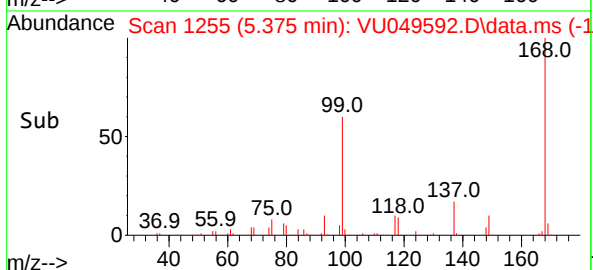
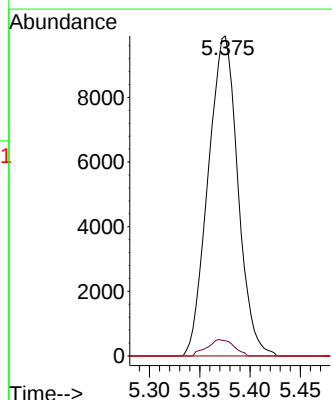
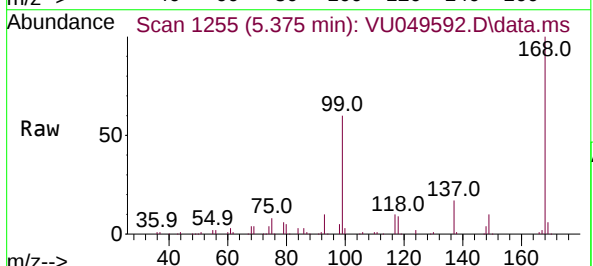
Tgt Ion: 117 Resp: 20379

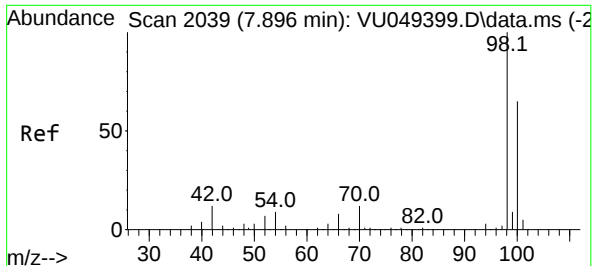
Ion Ratio Lower Upper

117 100

119 4.8 76.8 115.2#

121 0.0 24.7 37.1#

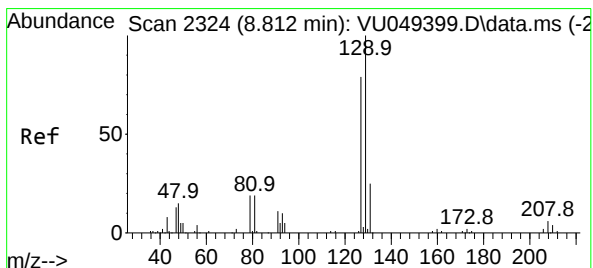
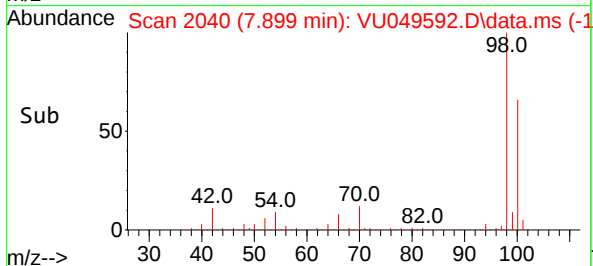
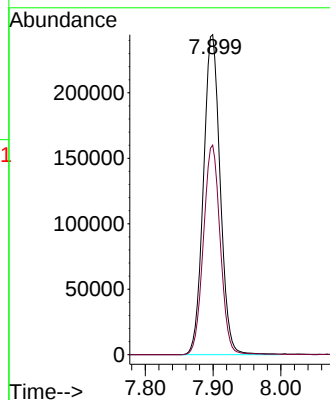
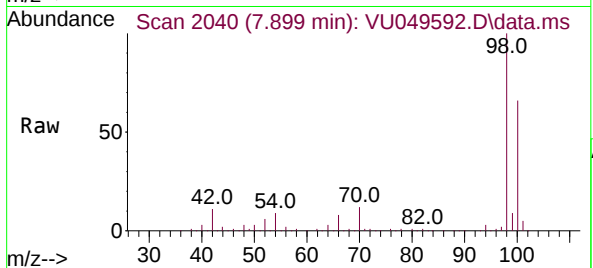




#50
Toluene-d8
Concen: 48.631 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

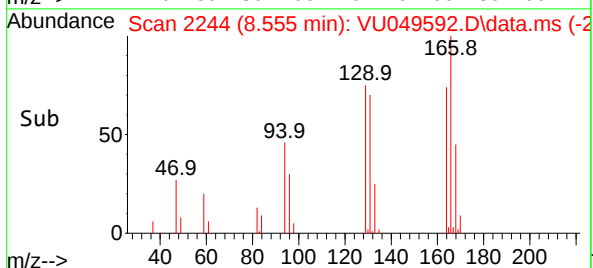
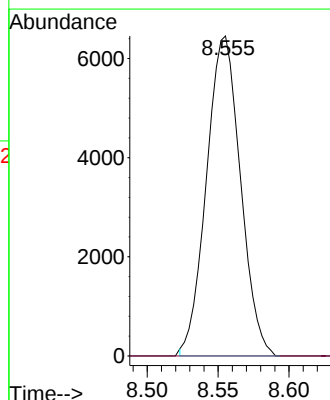
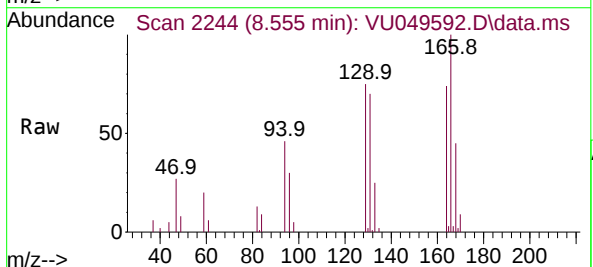
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

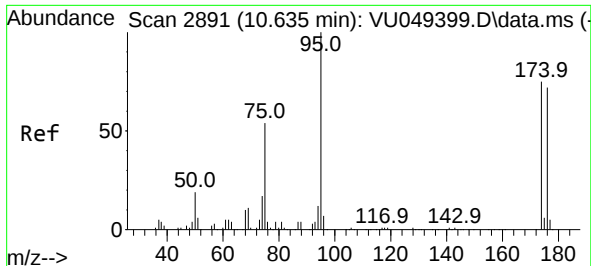
Tgt Ion: 98 Resp: 419215
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5



#60
Dibromochloromethane
Concen: 3.981 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion: 129 Resp: 10764
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

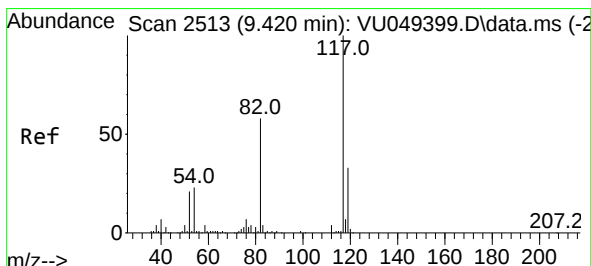
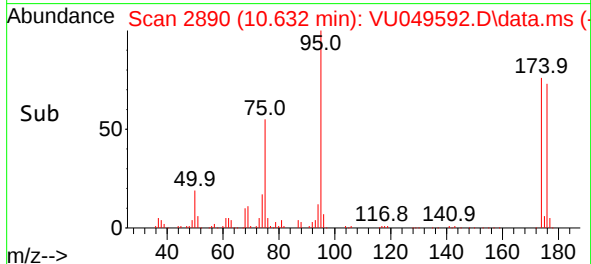
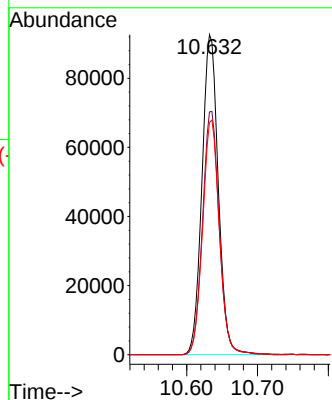
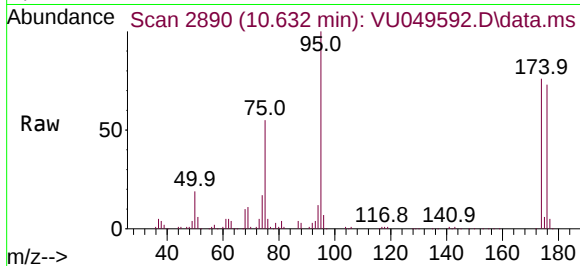




#62
4-Bromofluorobenzene
Concen: 44.921 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

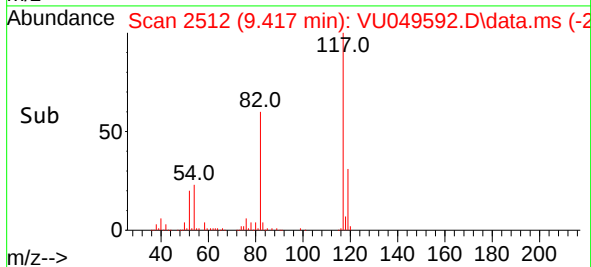
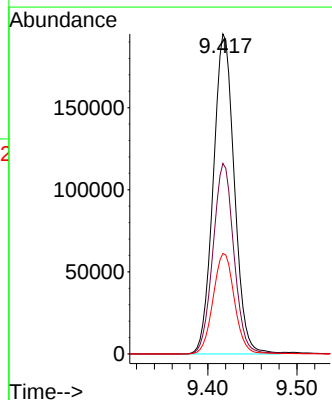
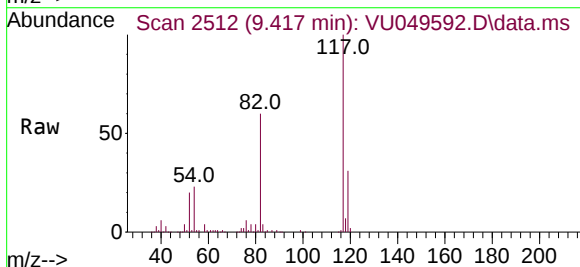
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

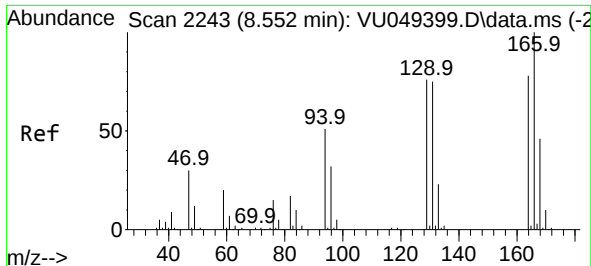
Tgt Ion: 95 Resp: 148335
Ion Ratio Lower Upper
95 100
174 77.5 0.0 182.0
176 74.9 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion: 117 Resp: 320866
Ion Ratio Lower Upper
117 100
82 59.6 41.7 62.5
119 31.4 25.7 38.5

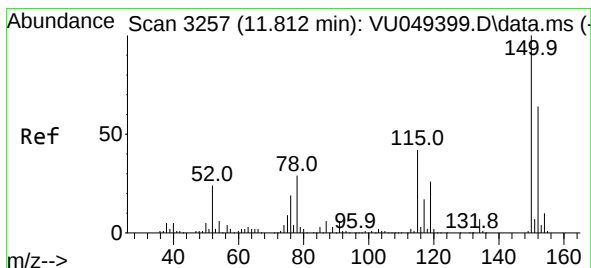
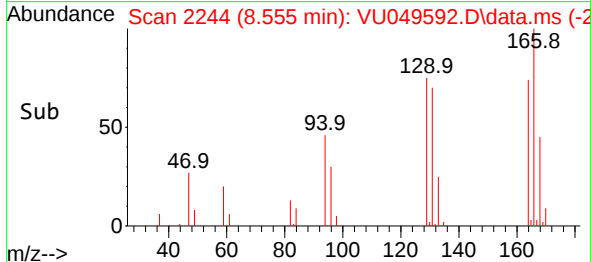
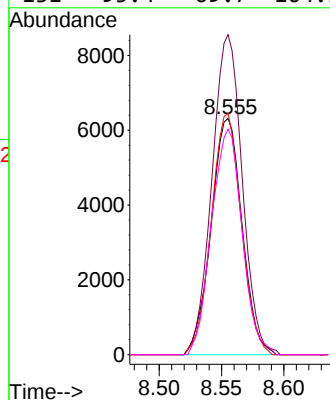
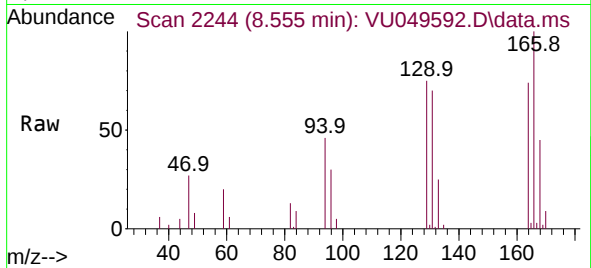




#64
Tetrachloroethene
Concen: 5.300 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

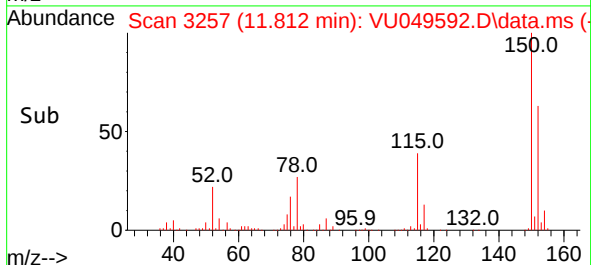
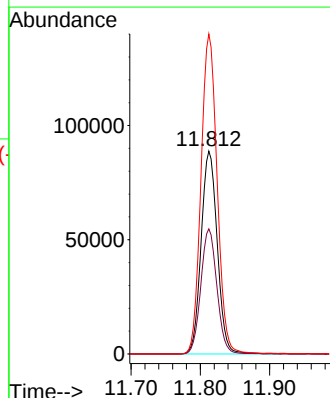
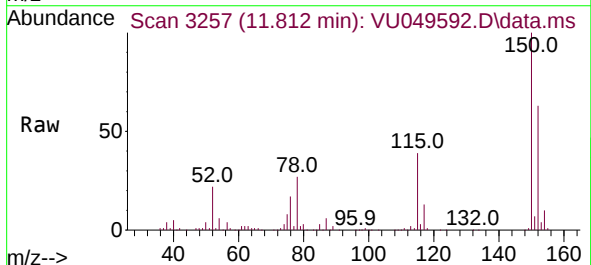
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

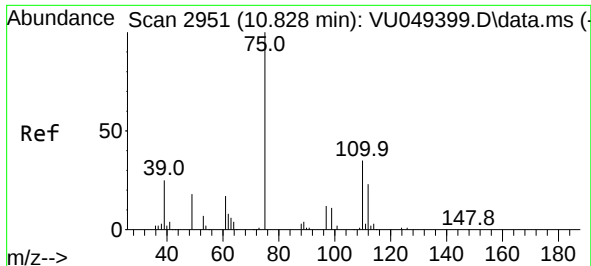
Tgt Ion:164 Resp: 10907
Ion Ratio Lower Upper
164 100
166 135.5 100.0 150.0
129 102.2 72.0 108.0
131 95.4 69.7 104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion:152 Resp: 143555
Ion Ratio Lower Upper
152 100
115 61.3 37.0 110.9
150 157.5 0.0 342.2

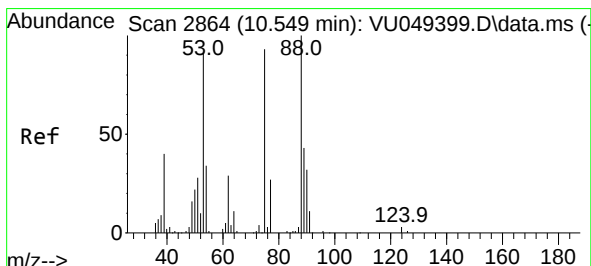
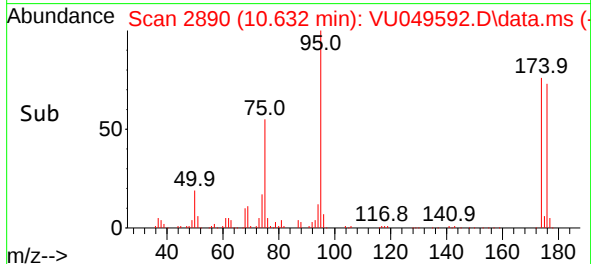
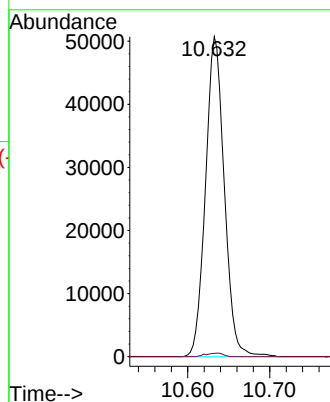
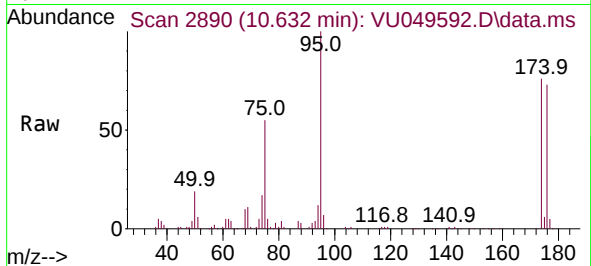




#76
1,2,3-Trichloropropane
Concen: 16.552 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

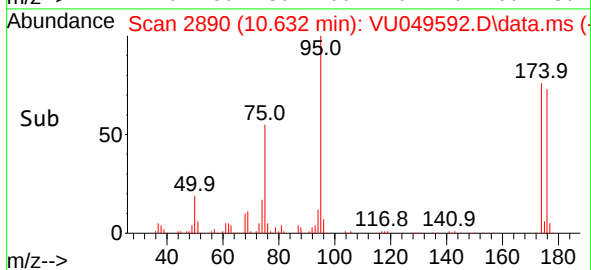
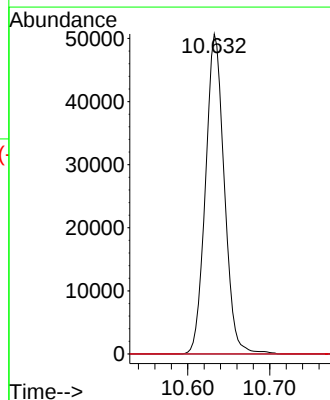
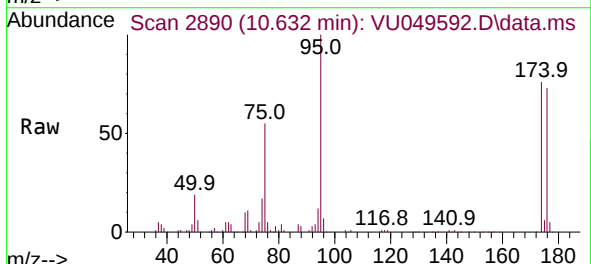
Instrument :
MSVOA_U
ClientSampleId :
TB-06302022

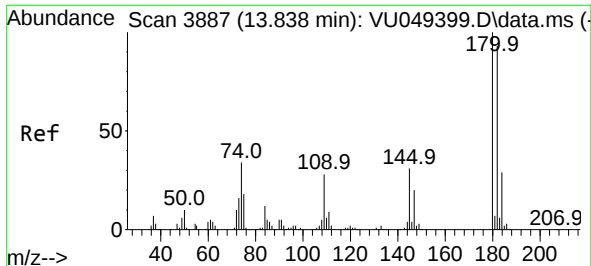
Tgt Ion: 75 Resp: 80547
Ion Ratio Lower Upper
75 100
77 1.0 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.123 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

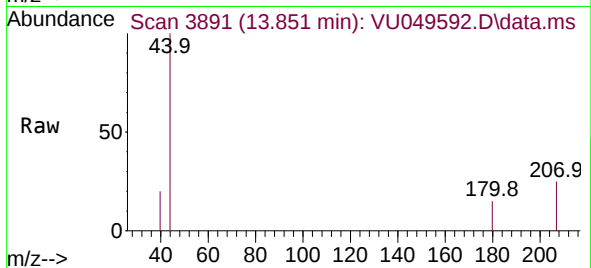
Tgt Ion: 75 Resp: 80547
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



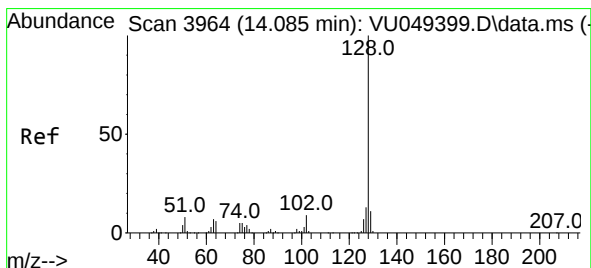
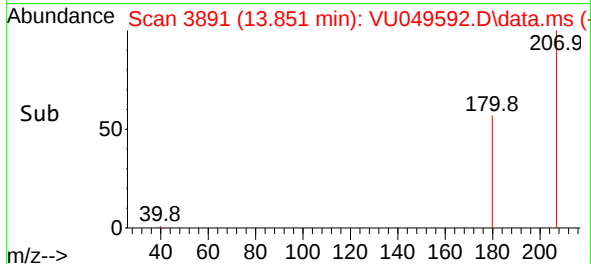
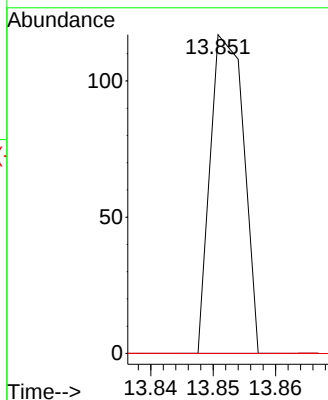


#93
1,2,4-Trichlorobenzene
Concen: 1.767 ug/l
RT: 13.851 min Scan# 3909
Delta R.T. 0.013 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Instrument :
MSVOA_U
ClientSampleId :
TB-06302022



Tgt Ion:180 Resp: 43
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#



#95
Naphthalene
Concen: 1.785 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.019 min
Lab File: VU049592.D
Acq: 01 Jul 2022 19:18

Tgt Ion:128 Resp: 576
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

