

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049487.D
 Acq On : 29 Jun 2022 02:58
 Operator : SY/MD
 Sample : N3457-18 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP03-20220621DL

Quant Time: Jun 29 05:25:39 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

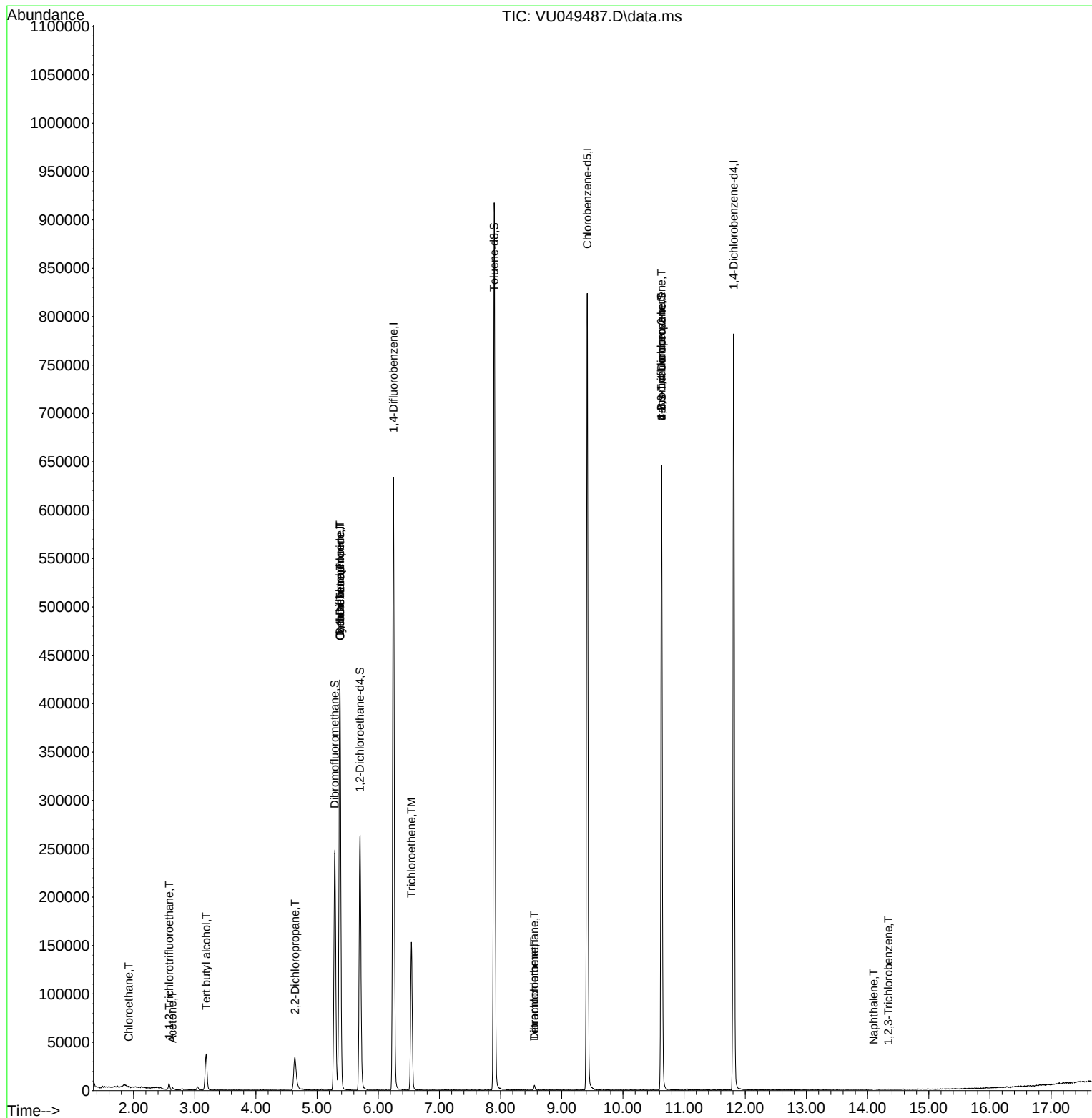
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.372	168	297454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	518315	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	460047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	207838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	196677	42.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.860%
35) Dibromofluoromethane	5.289	113	161932	44.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	7.896	98	616321	47.652	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.300%
62) 4-Bromofluorobenzene	10.632	95	218835	44.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1270	Below Cal		96
6) Chloroethane	1.919	64	41	1.933	ug/l #	44
9) 1,1,2-Trichlorotrifluo...	2.581	101	2039	0.618	ug/l	94
11) Tert butyl alcohol	3.186	59	23101	21.545	ug/l #	38
16) Acetone	2.636	43	2187	0.947	ug/l	95
20) Methylene Chloride	3.044	84	1610	Below Cal	#	84
26) 2,2-Dichloropropane	4.642	77	2506	0.420	ug/l #	52
31) Cyclohexane	5.375	56	5798	0.843	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24204	4.603	ug/l #	49
38) Carbon Tetrachloride	5.375	117	29463	5.343	ug/l #	16
44) Trichloroethene	6.543	130	51624	13.680	ug/l	85
60) Dibromochloromethane	8.552	129	1063	0.262	ug/l #	11
64) Tetrachloroethene	8.552	164	999	0.339	ug/l #	80
76) 1,2,3-Trichloropropane	10.632	75	111062	15.764	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	111062	58.213	ug/l #	15
95) Naphthalene	14.098	128	1042	1.798	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.340	180	70	1.191	ug/l #	12

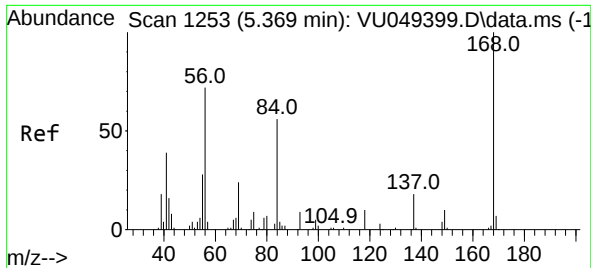
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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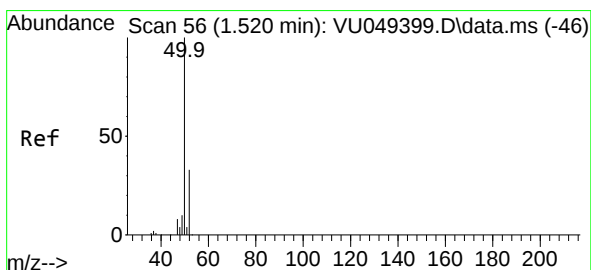
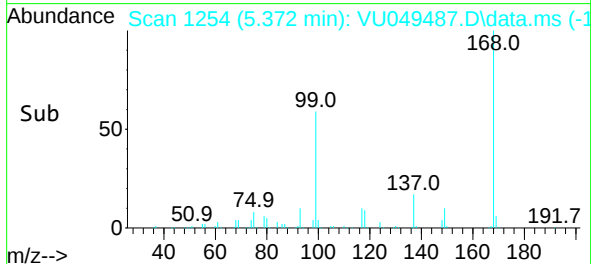
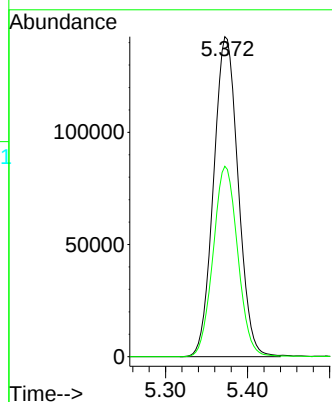
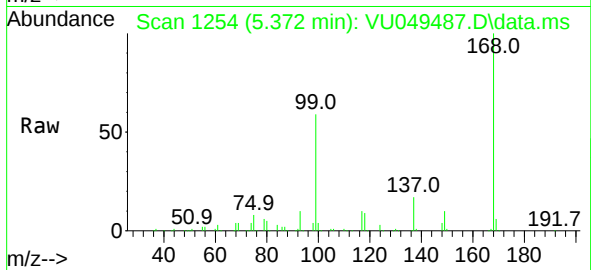




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

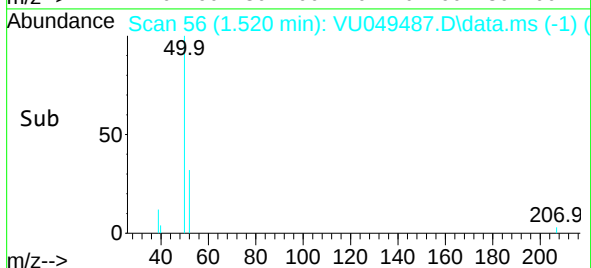
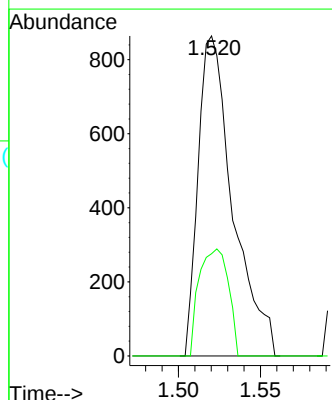
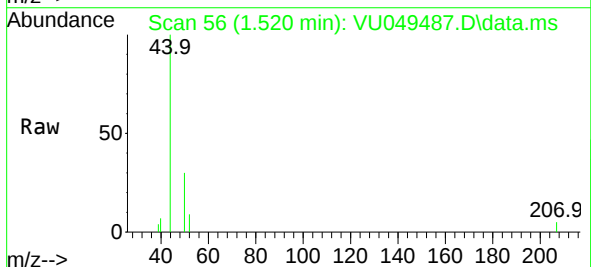
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

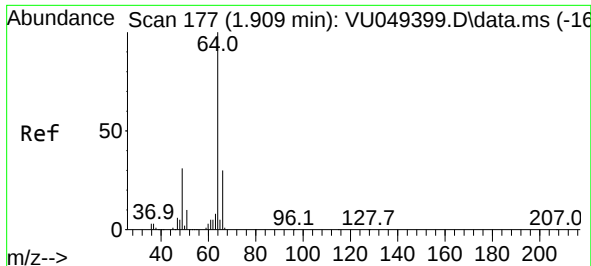
Tgt Ion:168 Resp: 297454
Ion Ratio Lower Upper
168 100
99 59.5 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion: 50 Resp: 1270
Ion Ratio Lower Upper
50 100
52 31.9 27.4 41.2

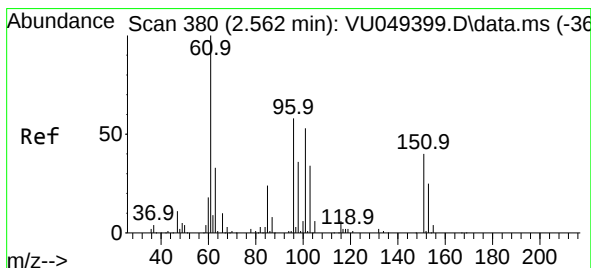
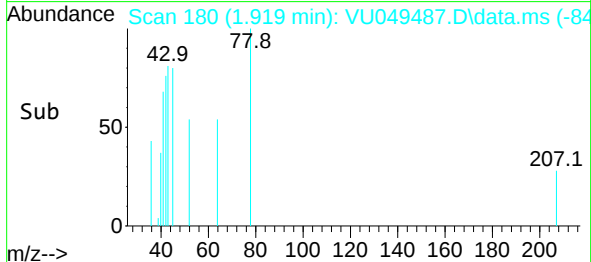
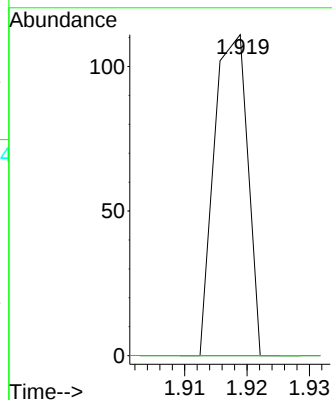
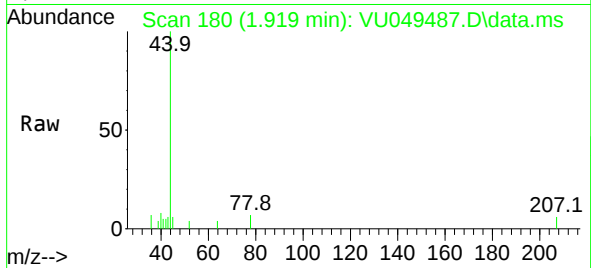




#6
Chloroethane
Concen: 1.933 ug/l
RT: 1.919 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

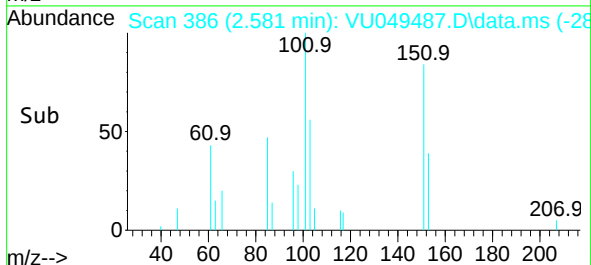
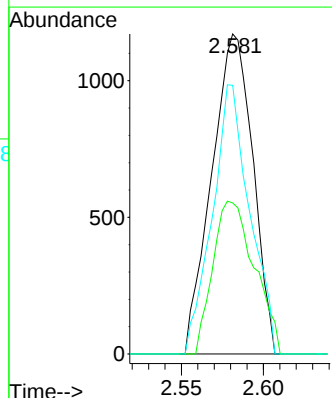
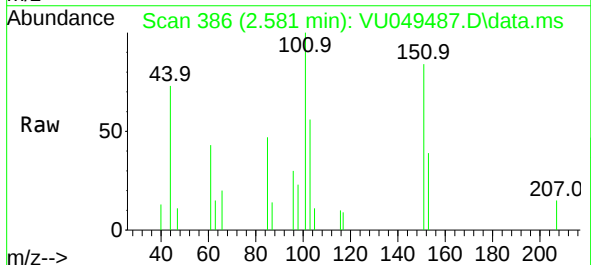
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

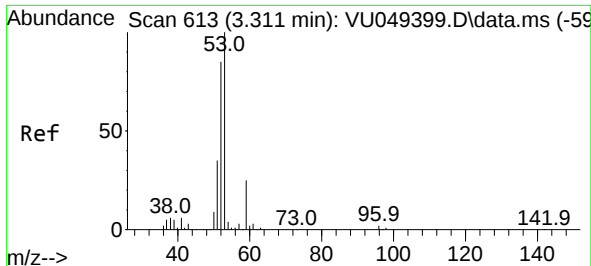
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.618 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion:101 Resp: 2039
Ion Ratio Lower Upper
101 100
85 48.4 33.9 50.9
151 76.5 64.0 96.0

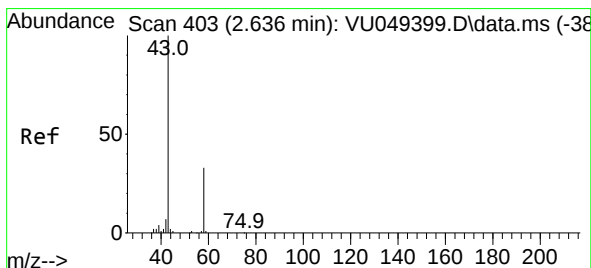
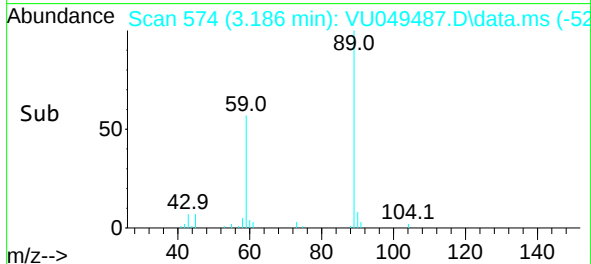
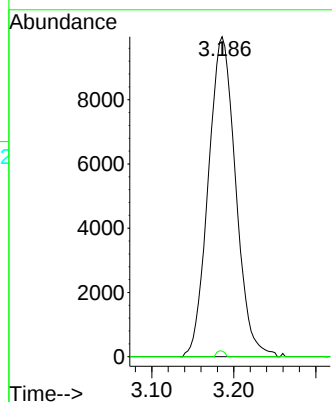
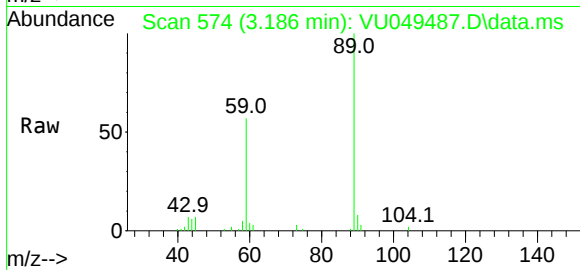




#11
Tert butyl alcohol
Concen: 21.545 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

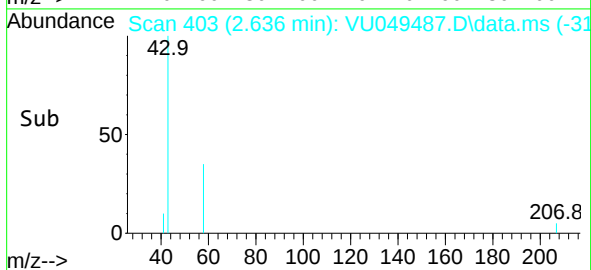
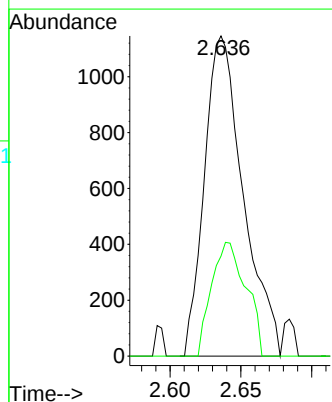
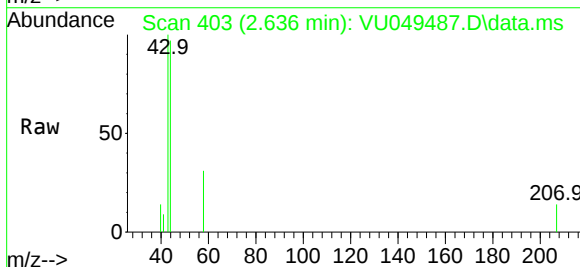
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

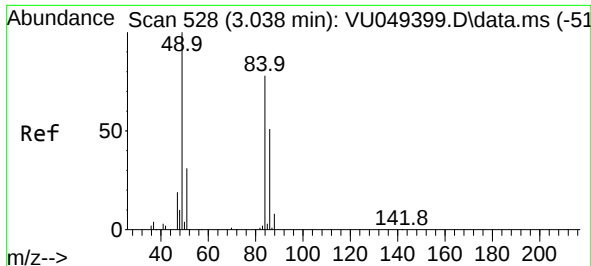
Tgt Ion: 59 Resp: 23101
Ion Ratio Lower Upper
59 100
57 0.5 30.6 45.8#



#16
Acetone
Concen: 0.947 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
58 31.2 27.5 41.3

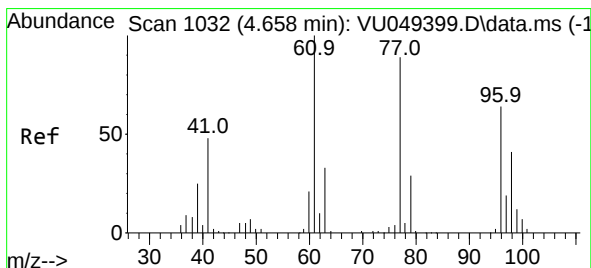
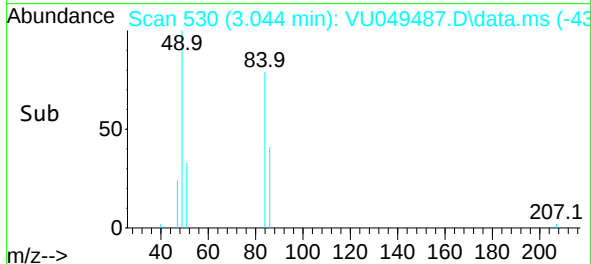
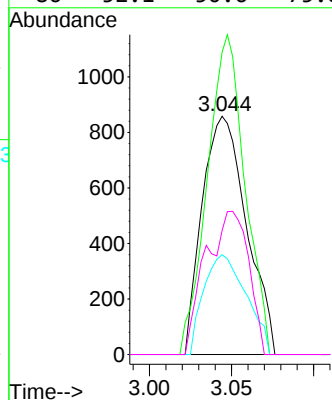
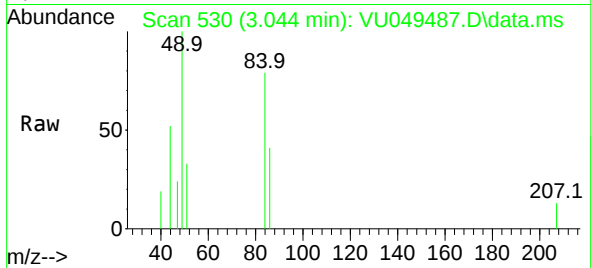




#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

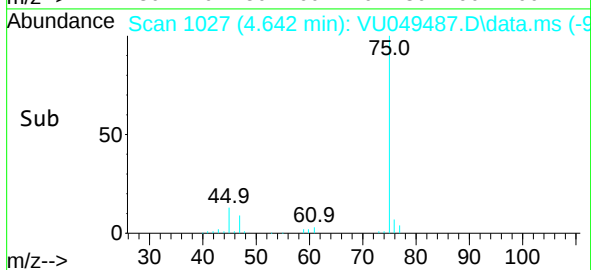
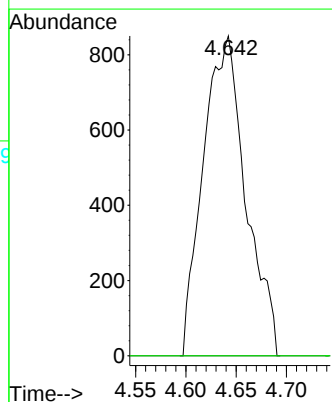
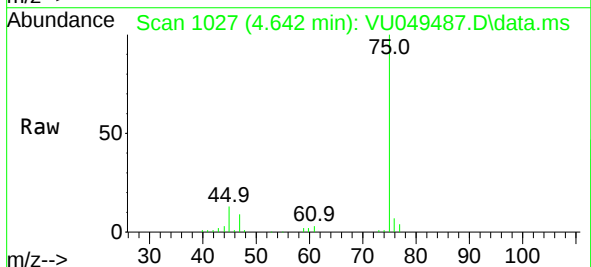
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

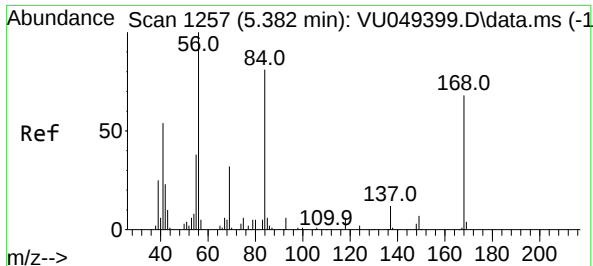
Tgt Ion: 84 Resp: 1610
Ion Ratio Lower Upper
84 100
49 126.9 86.6 129.8
51 42.0 26.6 40.0#
86 52.1 50.6 75.8



#26
2,2-Dichloropropane
Concen: 0.420 ug/l
RT: 4.642 min Scan# 1027
Delta R.T. -0.016 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

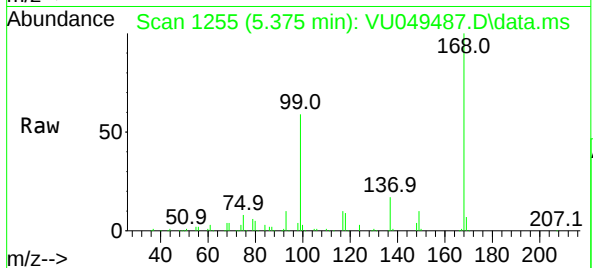
Tgt Ion: 77 Resp: 2506
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#



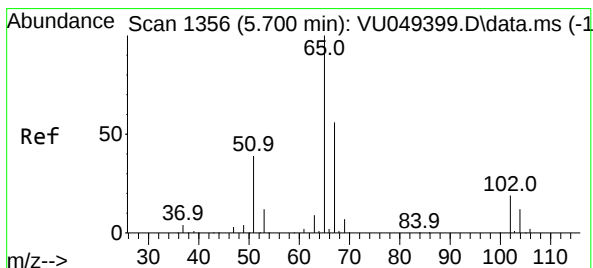
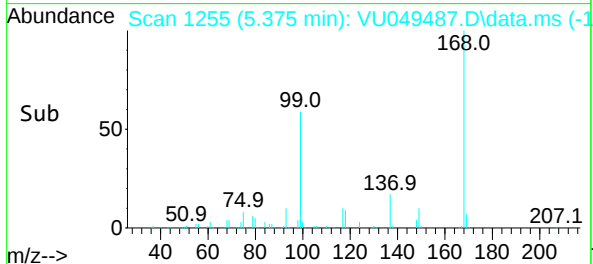
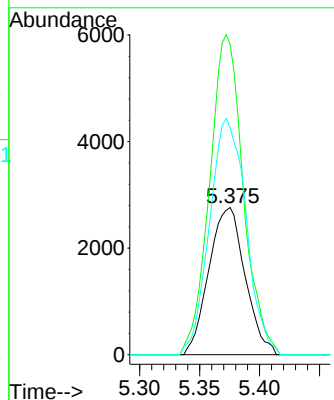


#31
Cyclohexane
Concen: 0.843 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Instrument :
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ClientSampleId :
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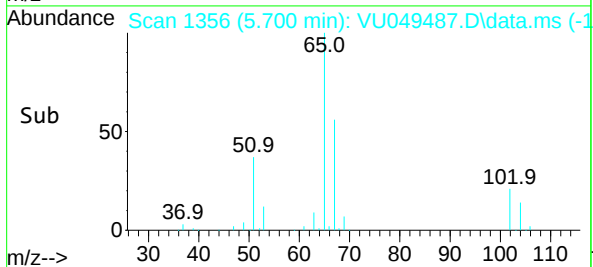
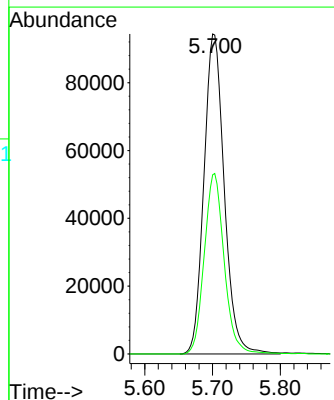
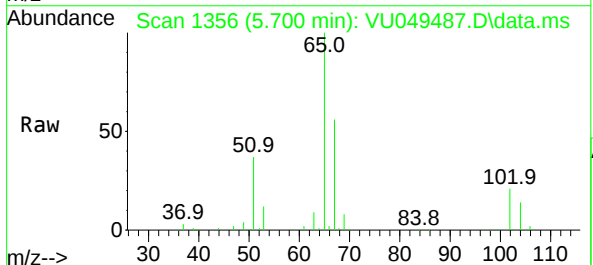


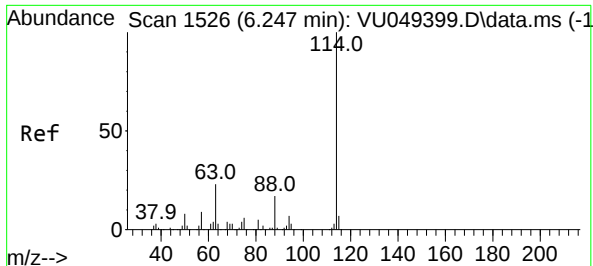
Tgt Ion: 56 Resp: 5798
Ion Ratio Lower Upper
56 100
69 211.1 27.8 41.8#
84 154.3 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 42.933 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion: 65 Resp: 196677
Ion Ratio Lower Upper
65 100
67 55.2 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: VU049487.D

Acq: 29 Jun 2022 02:58

Instrument :

MSVOA_U

ClientSampleId :

DUP03-20220621DL

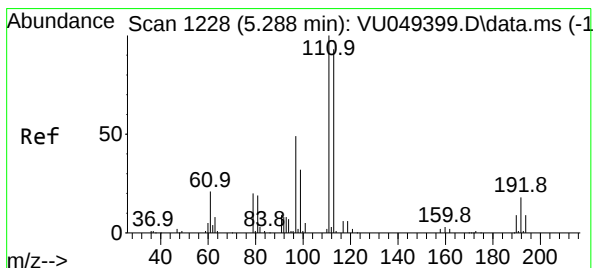
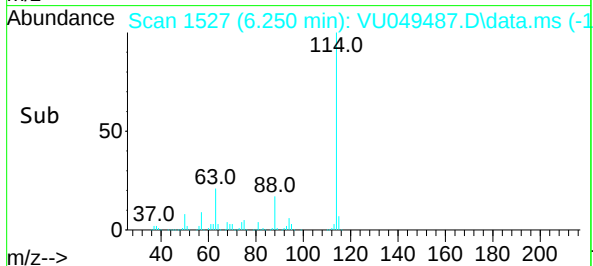
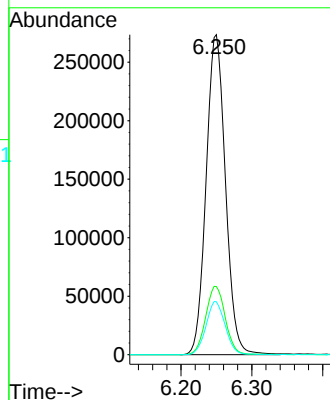
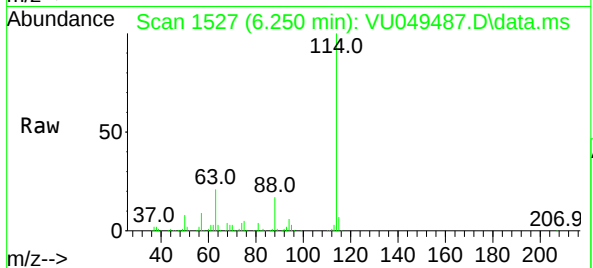
Tgt Ion:114 Resp: 518315

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.655 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049487.D

Acq: 29 Jun 2022 02:58

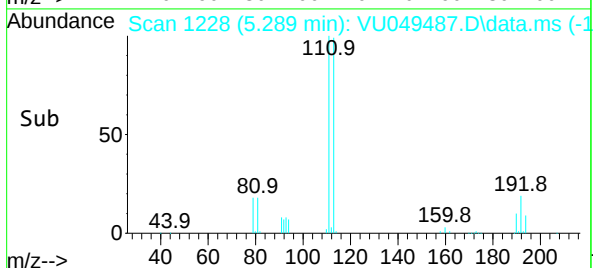
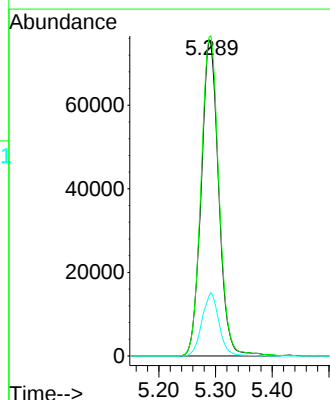
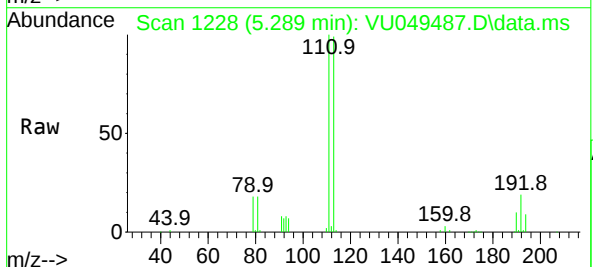
Tgt Ion:113 Resp: 161932

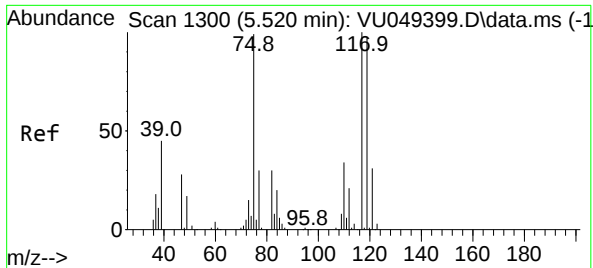
Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 19.5 18.0 27.0

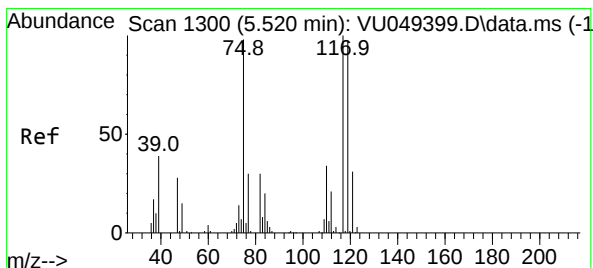
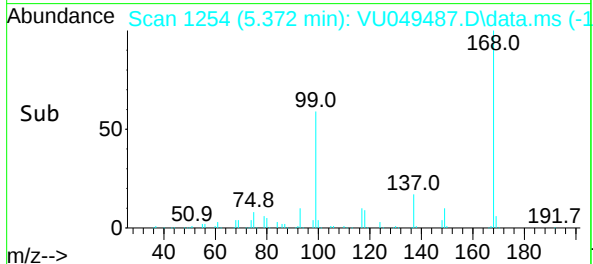
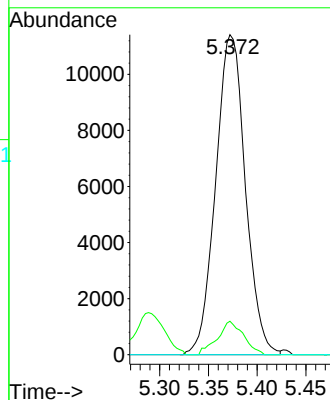
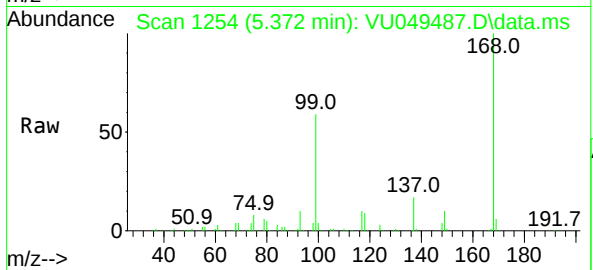




#36
1,1-Dichloropropene
Concen: 4.603 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

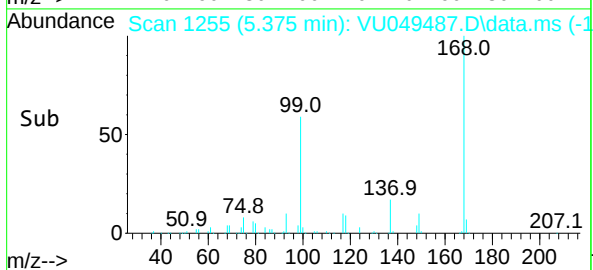
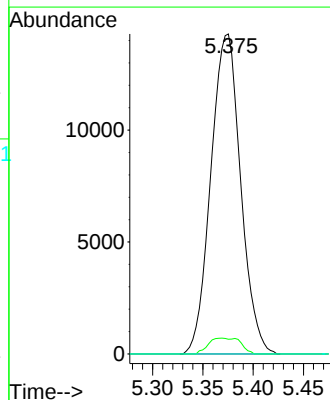
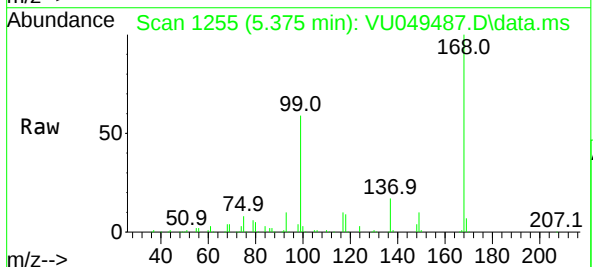
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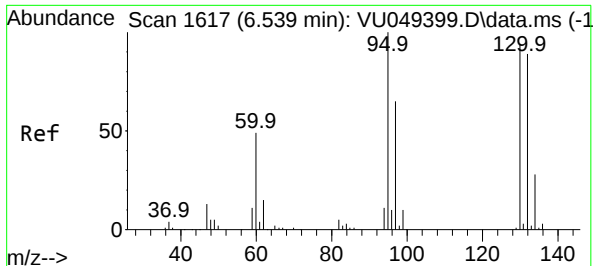
Tgt Ion: 75 Resp: 24204
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.145 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion: 117 Resp: 29463
Ion Ratio Lower Upper
117 100
119 4.6 76.8 115.2#
121 0.0 24.7 37.1#

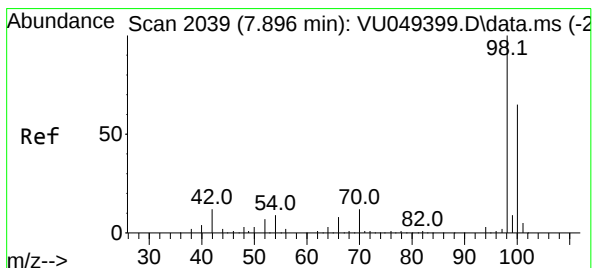
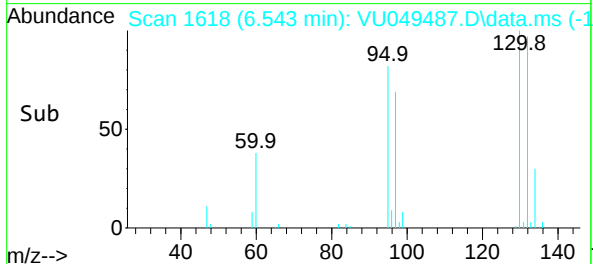
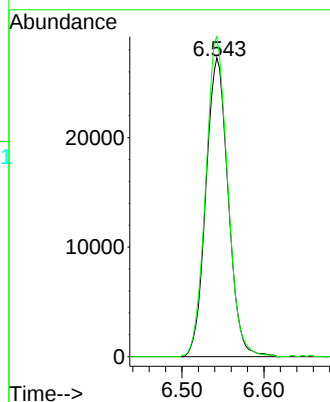
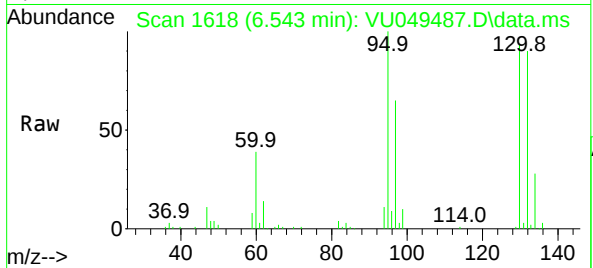




#44
Trichloroethene
Concen: 13.680 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

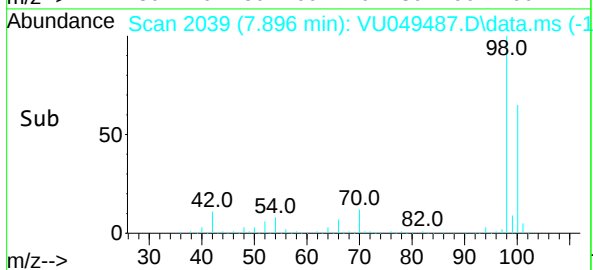
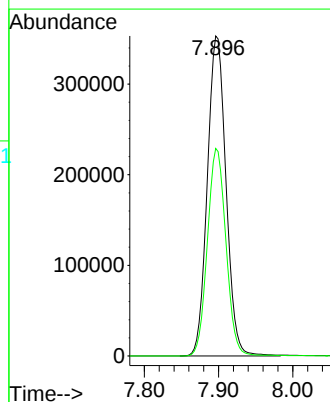
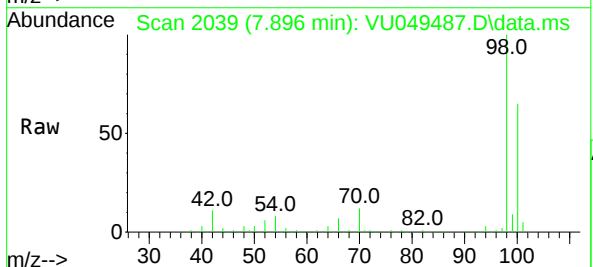
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

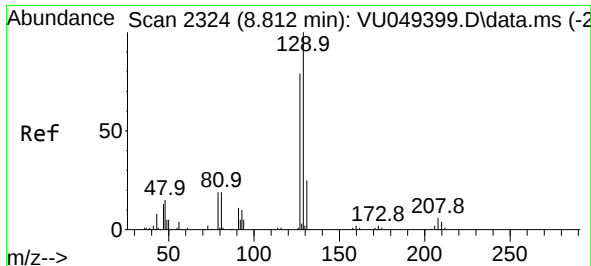
Tgt Ion:130 Resp: 51624
Ion Ratio Lower Upper
130 100
95 107.1 0.0 184.6



#50
Toluene-d8
Concen: 47.652 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion: 98 Resp: 616321
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

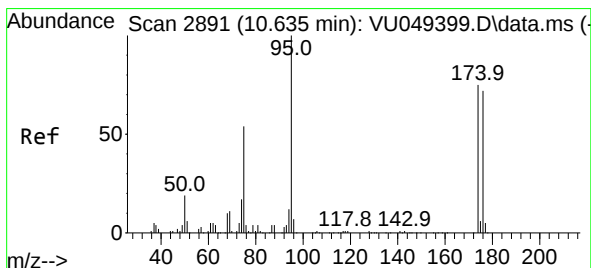
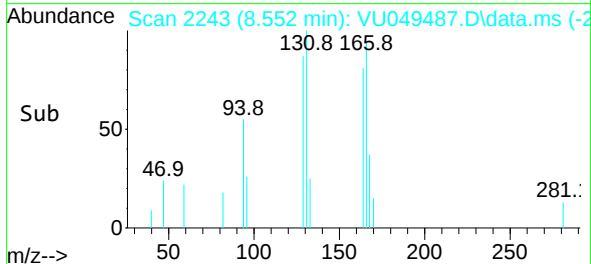
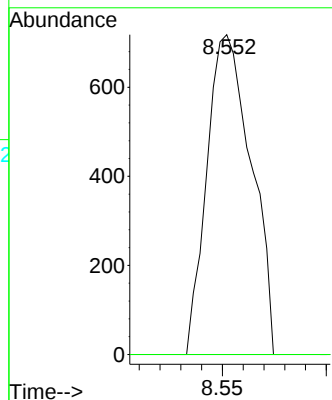
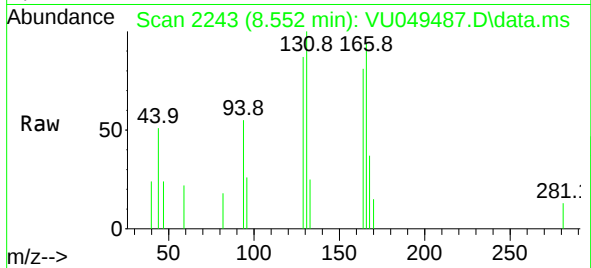




#60
Dibromochloromethane
Concen: 0.262 ug/l
RT: 8.552 min Scan# 211
Delta R.T. -0.260 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

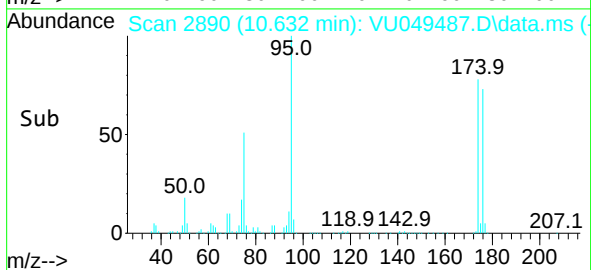
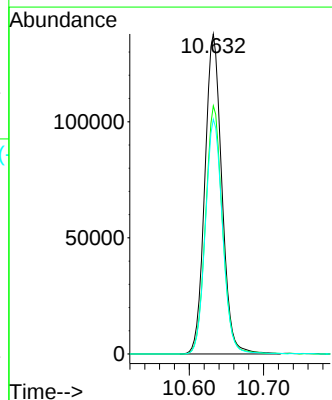
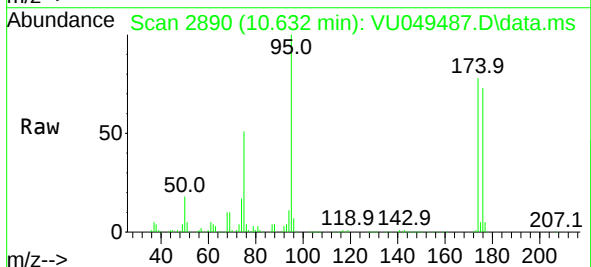
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

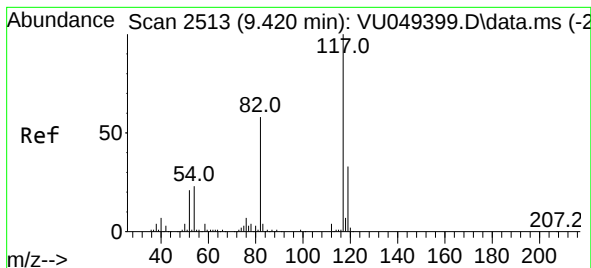
Tgt Ion:129 Resp: 1063
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 44.168 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

Tgt Ion: 95 Resp: 218835
Ion Ratio Lower Upper
95 100
174 77.0 0.0 182.0
176 74.0 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU049487.D

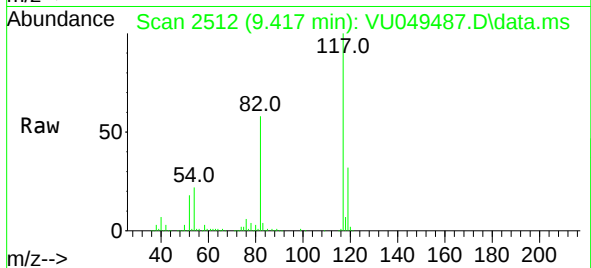
Acq: 29 Jun 2022 02:58

Instrument :

MSVOA_U

ClientSampleId :

DUP03-20220621DL



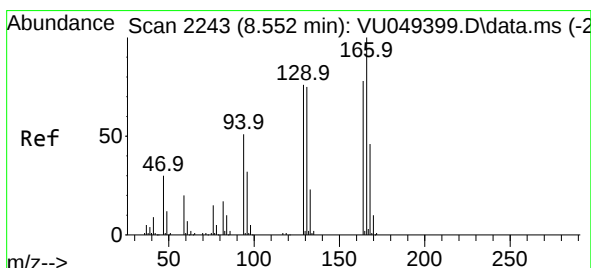
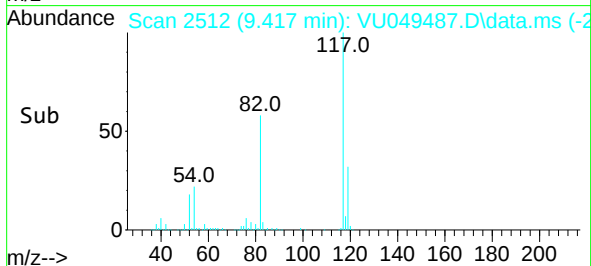
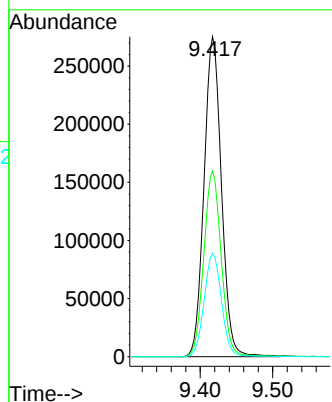
Tgt Ion:117 Resp: 460047

Ion Ratio Lower Upper

117 100

82 58.0 41.7 62.5

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 0.339 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU049487.D

Acq: 29 Jun 2022 02:58

Tgt Ion:164 Resp: 999

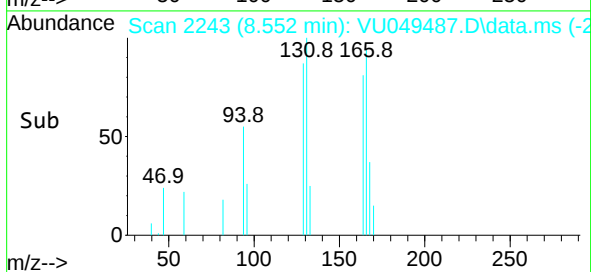
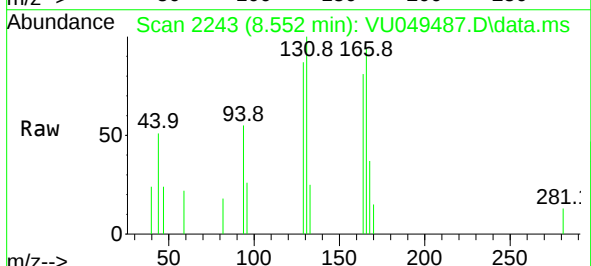
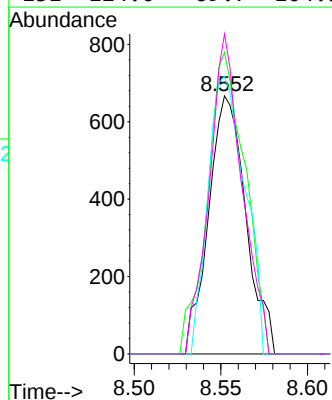
Ion Ratio Lower Upper

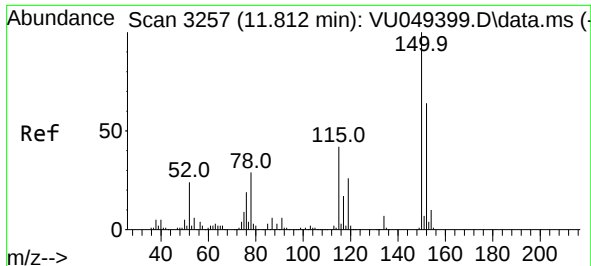
164 100

166 116.9 100.0 150.0

129 107.6 72.0 108.0

131 124.0 69.7 104.5#

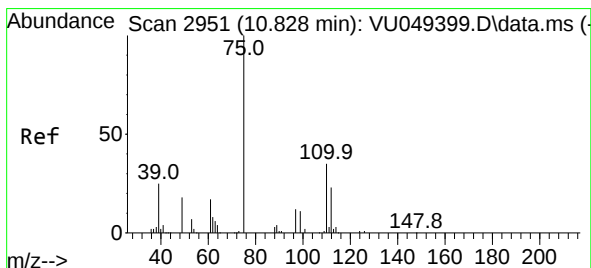
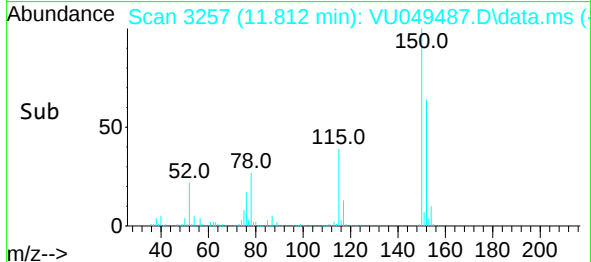
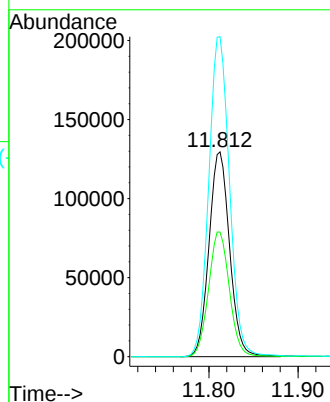
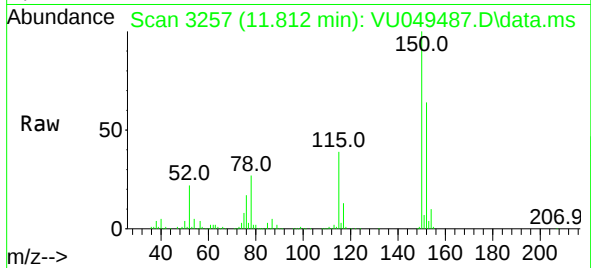




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049487.D
 Acq: 29 Jun 2022 02:58

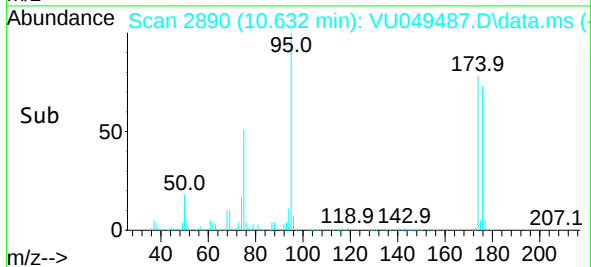
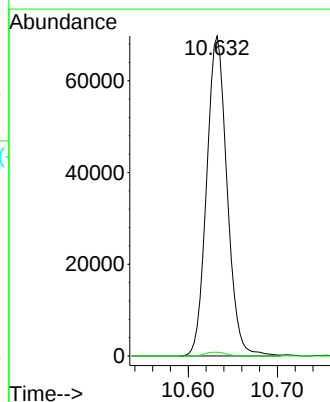
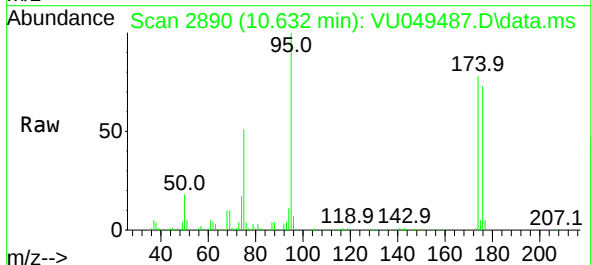
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP03-20220621DL

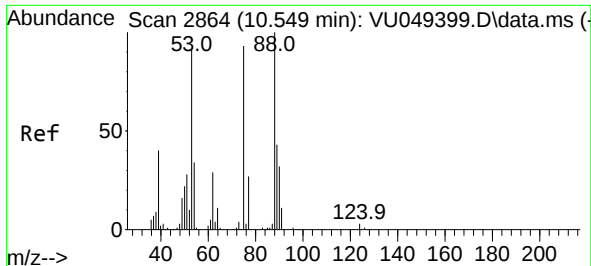
Tgt Ion:152 Resp: 207838
 Ion Ratio Lower Upper
 152 100
 115 61.7 37.0 110.9
 150 157.4 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.764 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049487.D
 Acq: 29 Jun 2022 02:58

Tgt Ion: 75 Resp: 111062
 Ion Ratio Lower Upper
 75 100
 77 1.2 15.8 47.3#

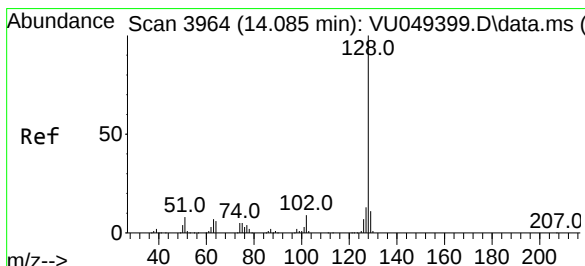
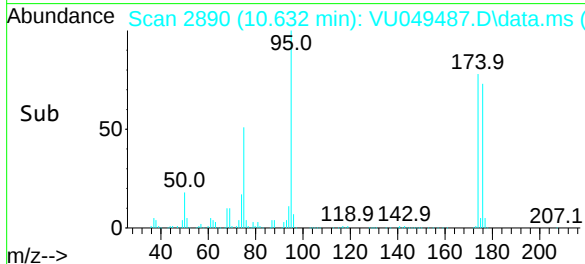
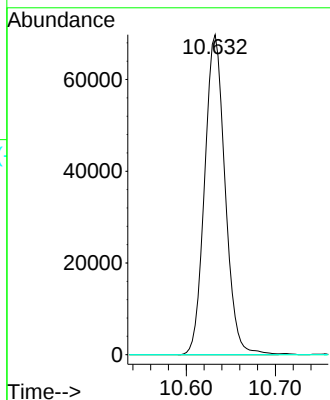
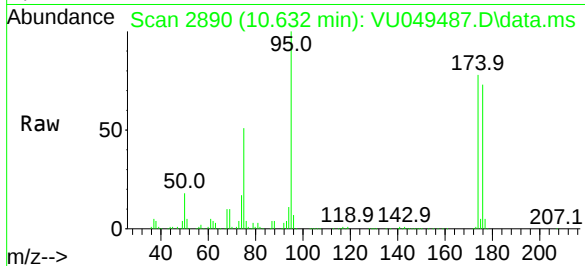




#81
trans-1,4-Dichloro-2-butene
Concen: 58.213 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

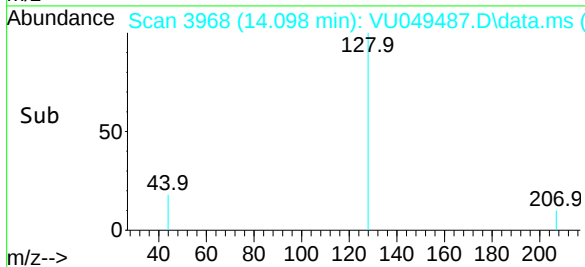
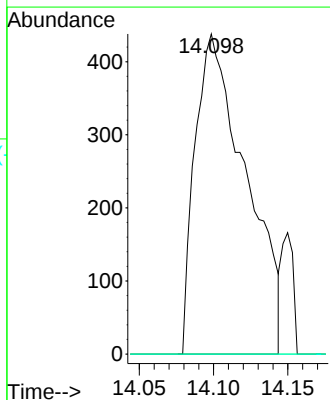
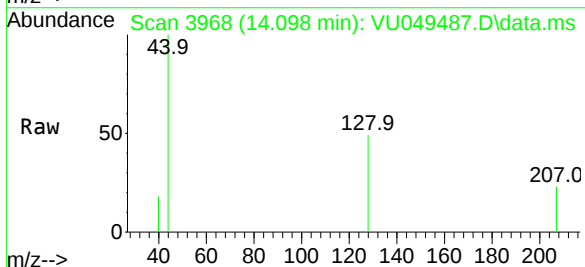
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621DL

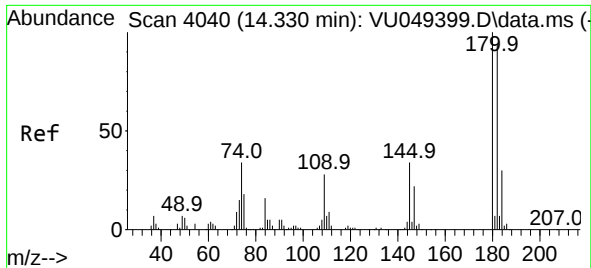
Tgt Ion: 75 Resp: 111062
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.798 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU049487.D
Acq: 29 Jun 2022 02:58

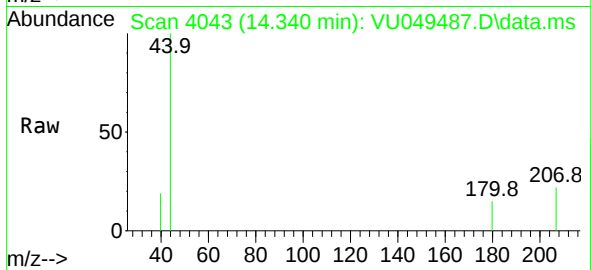
Tgt Ion: 128 Resp: 1042
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.191 ug/l
 RT: 14.340 min Scan# 40
 Delta R.T. 0.010 min
 Lab File: VU049487.D
 Acq: 29 Jun 2022 02:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP03-20220621DL



Tgt Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.4 145.0#
 145 0.0 14.8 44.4#

