

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049484.D
 Acq On : 29 Jun 2022 01:47
 Operator : SY/MD
 Sample : N3457-13 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D3-20220620DL

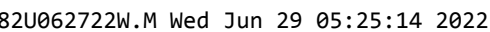
Quant Time: Jun 29 05:25:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

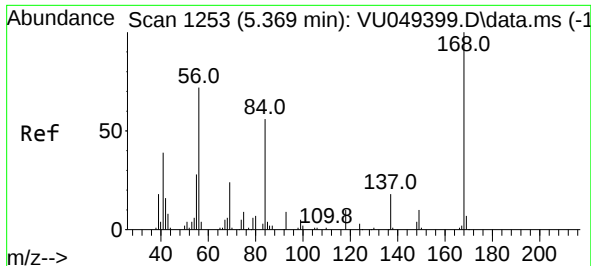
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	307233	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	533404	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	470365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	217315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	205267	43.382	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.760%
35) Dibromofluoromethane	5.289	113	167101	44.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.560%
50) Toluene-d8	7.896	98	633709	47.610	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.220%
62) 4-Bromofluorobenzene	10.632	95	228154	44.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1801	Below Cal		98
5) Bromomethane	1.858	94	431	0.279	ug/l #	78
6) Chloroethane	1.880	64	71	1.945	ug/l #	44
11) Tert butyl alcohol	3.186	59	18914	17.079	ug/l #	38
16) Acetone	2.636	43	2597	1.088	ug/l	99
20) Methylene Chloride	3.048	84	1542	Below Cal		96
31) Cyclohexane	5.372	56	6114	0.861	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24843	4.591	ug/l #	49
38) Carbon Tetrachloride	5.372	117	31594	5.567	ug/l #	16
44) Trichloroethene	6.543	130	67563	17.397	ug/l	84
76) 1,2,3-Trichloropropane	10.632	75	114205	15.503	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	114205	57.250	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.851	180	168	1.787	ug/l #	73
95) Naphthalene	14.099	128	1259	1.807	ug/l #	71
96) 1,2,3-Trichlorobenzene	14.346	180	118	1.200	ug/l #	47

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

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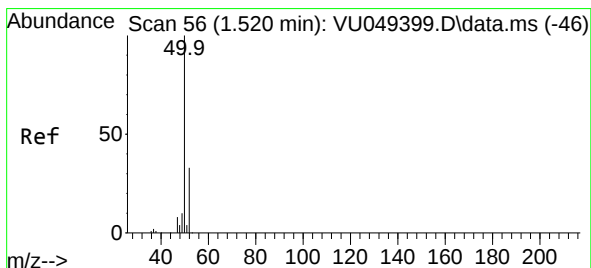
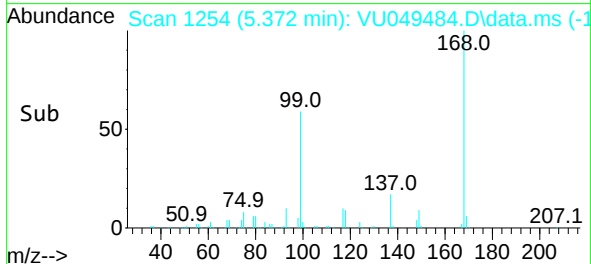
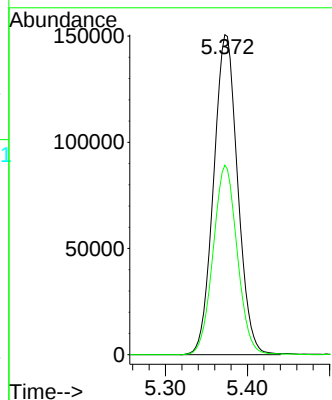
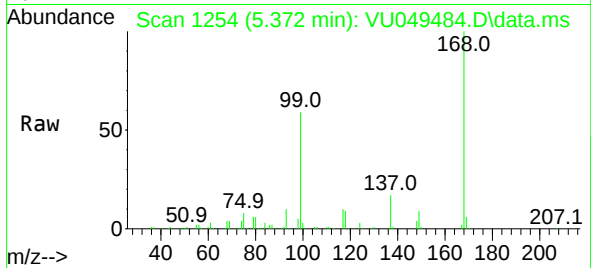




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

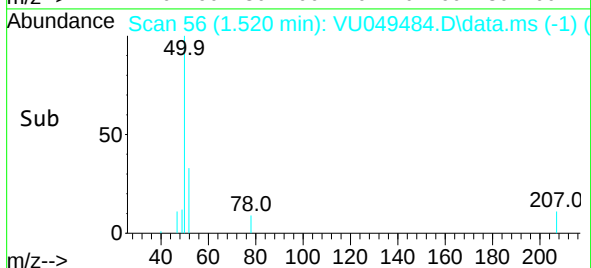
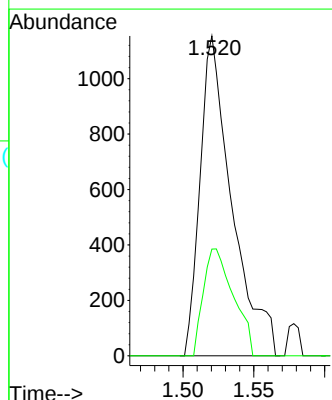
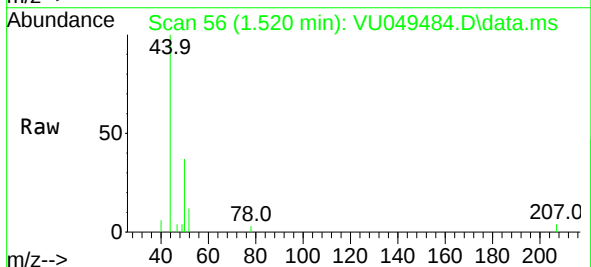
Instrument :
MSVOA_U
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RE103D3-20220620DL

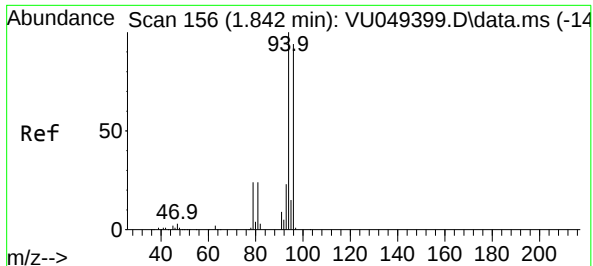
Tgt Ion:168 Resp: 307233
Ion Ratio Lower Upper
168 100
99 59.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion: 50 Resp: 1801
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.2

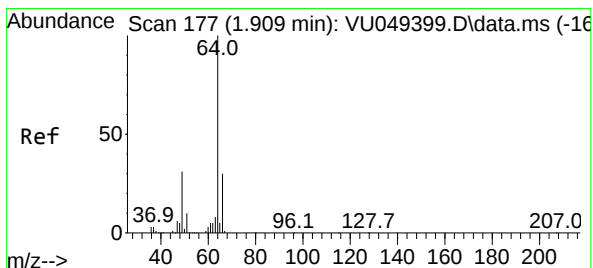
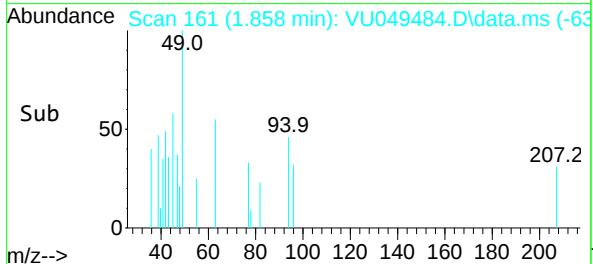
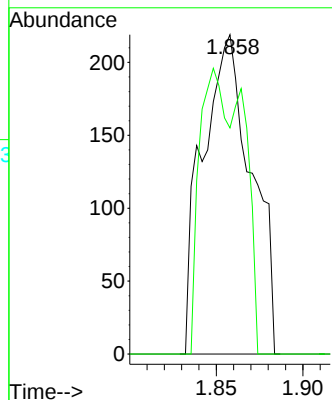
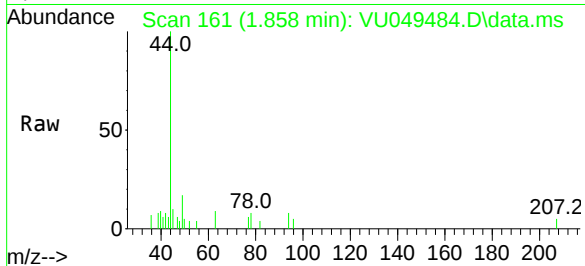




#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.016 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

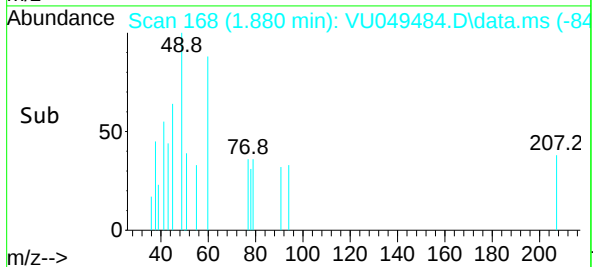
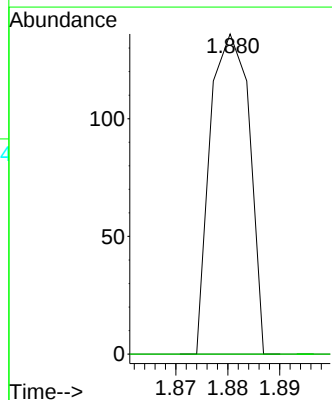
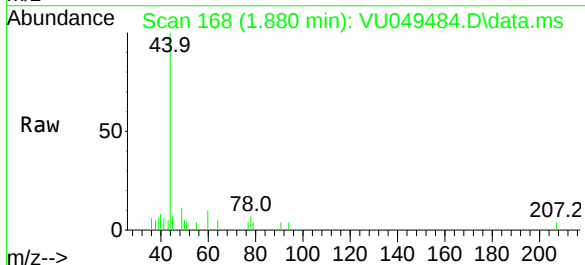
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

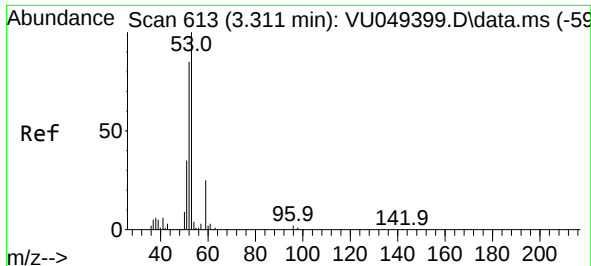
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 70.8 73.7 110.5#



#6
Chloroethane
Concen: 1.945 ug/l
RT: 1.880 min Scan# 168
Delta R.T. -0.029 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

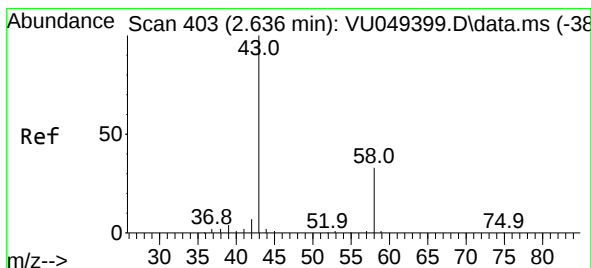
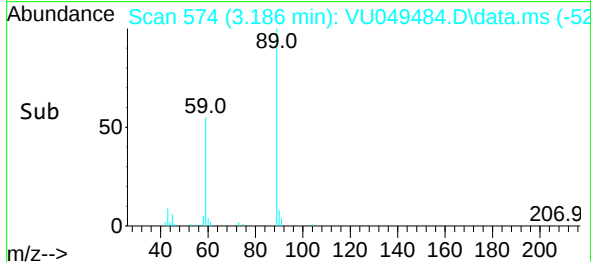
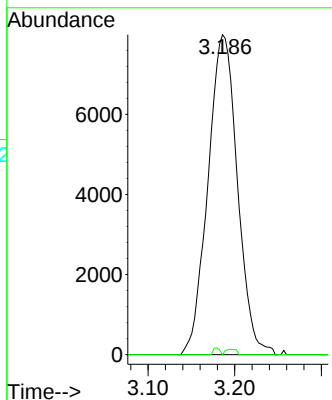
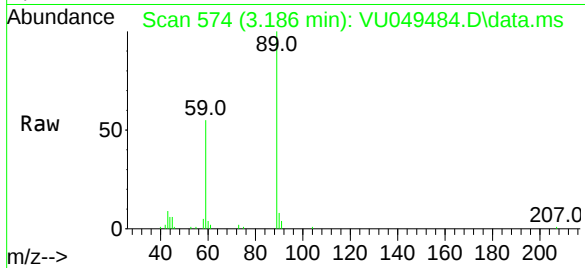




#11
Tert butyl alcohol
Concen: 17.079 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

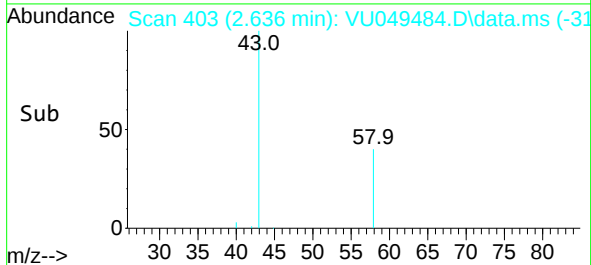
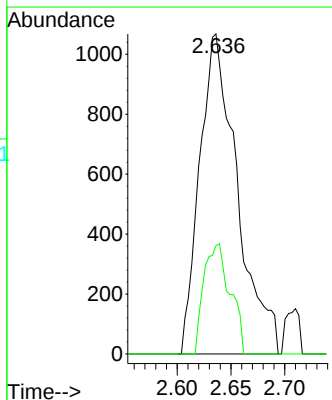
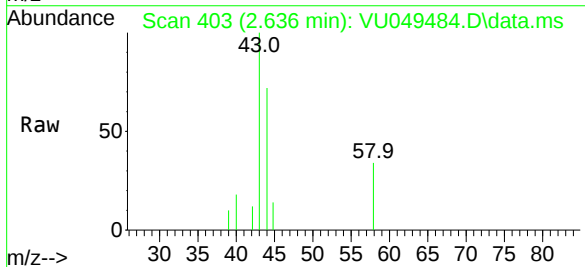
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

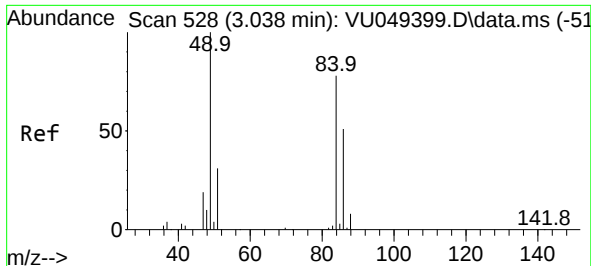
Tgt Ion: 59 Resp: 18914
Ion Ratio Lower Upper
59 100
57 0.5 30.6 45.8#



#16
Acetone
Concen: 1.088 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

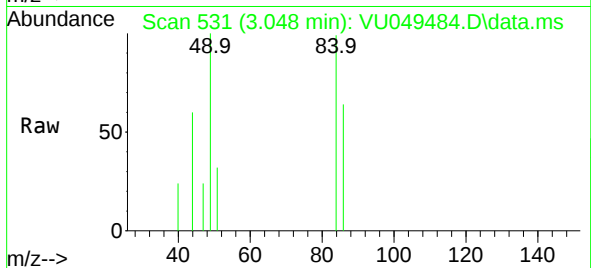
Tgt Ion: 43 Resp: 2597
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3



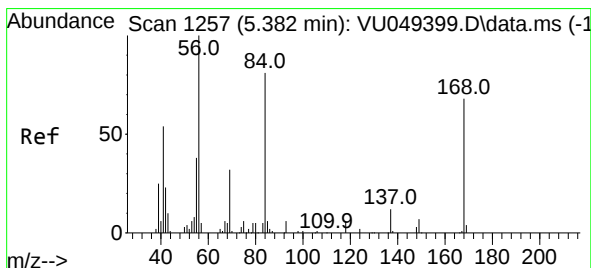
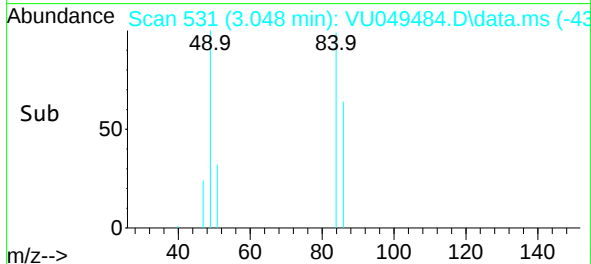
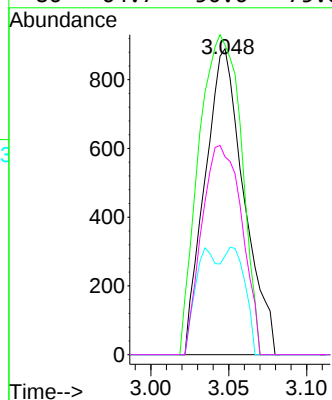


#20
Methylene Chloride
Concen: Below Cal
RT: 3.048 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

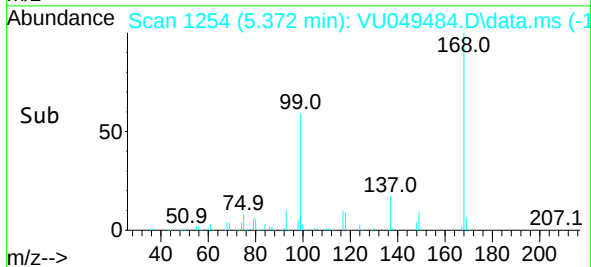
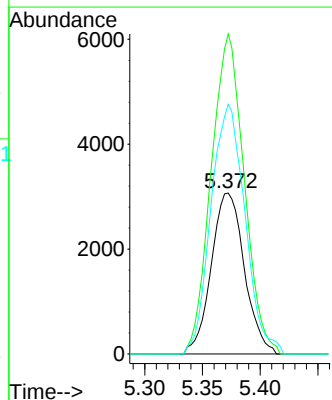
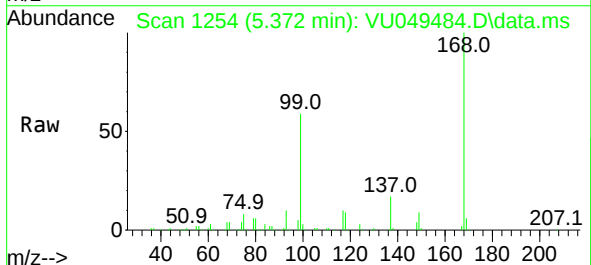


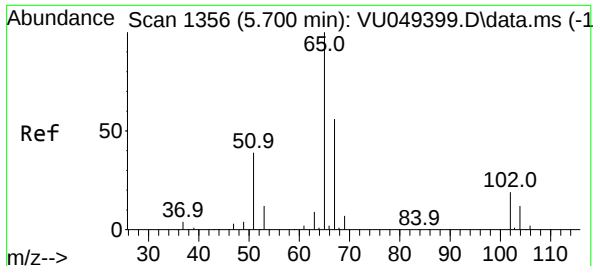
Tgt Ion:	84	Resp:	1542
Ion	Ratio	Lower	Upper
84	100		
49	101.2	86.6	129.8
51	32.2	26.6	40.0
86	64.7	50.6	75.8



#31
Cyclohexane
Concen: 0.861 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.009 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion:	56	Resp:	6114
Ion	Ratio	Lower	Upper
56	100		
69	198.8	27.8	41.8#
84	155.2	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 43.382 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049484.D

Acq: 29 Jun 2022 01:47

Instrument :

MSVOA_U

ClientSampleId :

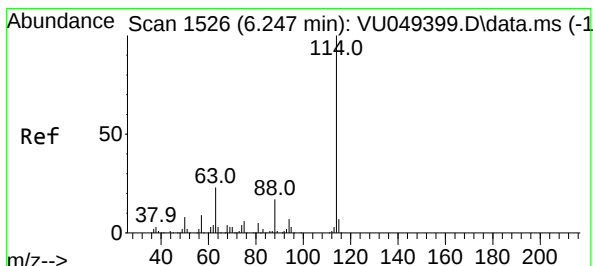
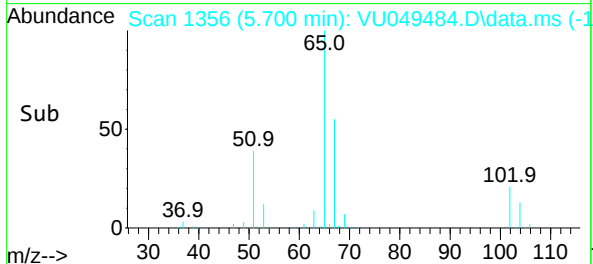
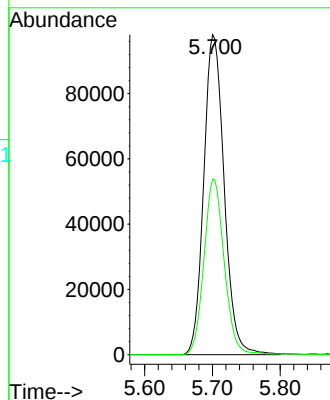
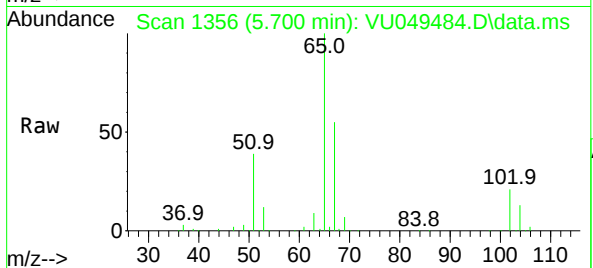
RE103D3-20220620DL

Tgt Ion: 65 Resp: 205267

Ion Ratio Lower Upper

65 100

67 54.5 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: VU049484.D

Acq: 29 Jun 2022 01:47

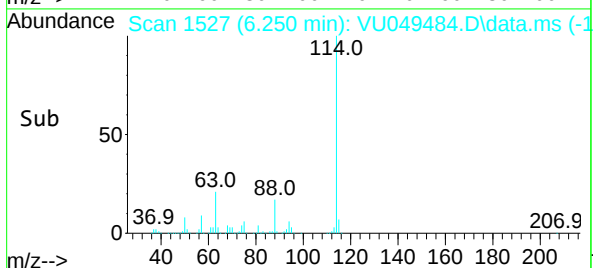
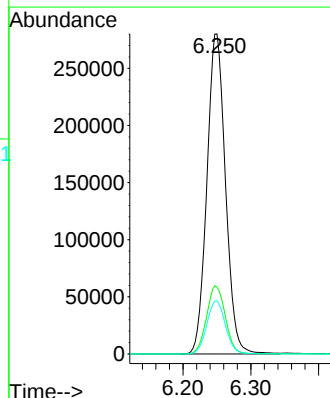
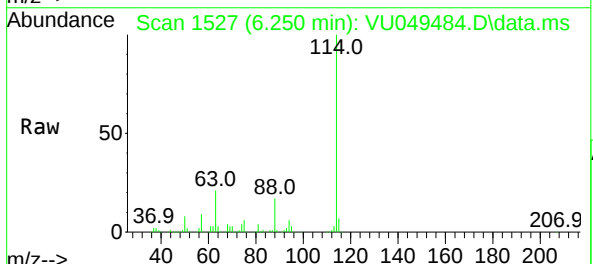
Tgt Ion: 114 Resp: 533404

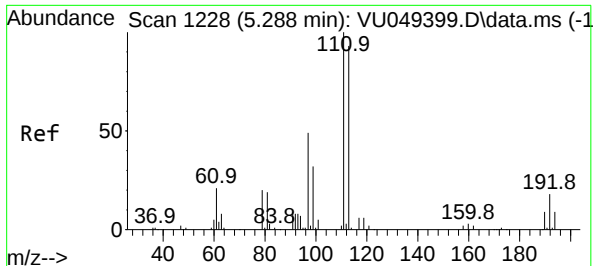
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

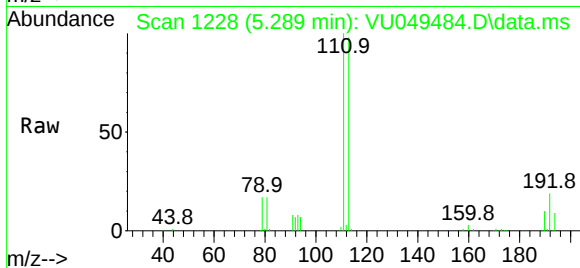
88 16.6 0.0 29.2



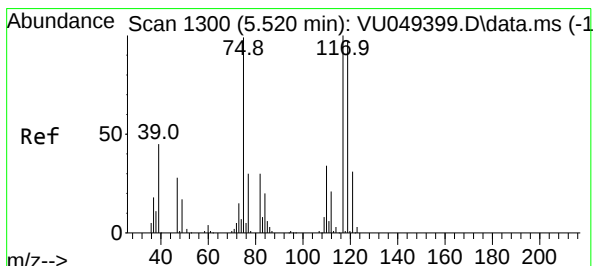
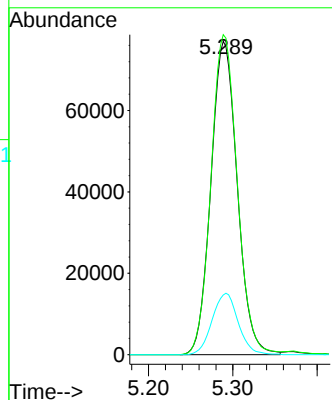
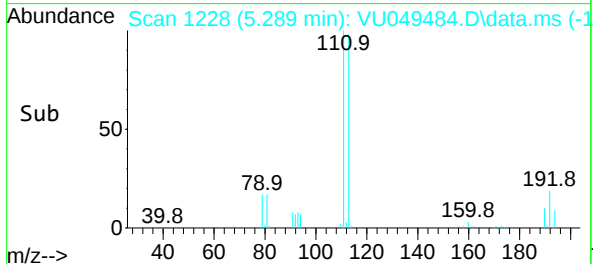


#35
Dibromofluoromethane
Concen: 44.777 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Instrument :
MSVOA_U
ClientSampleId :
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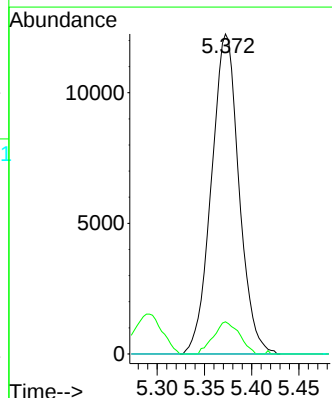
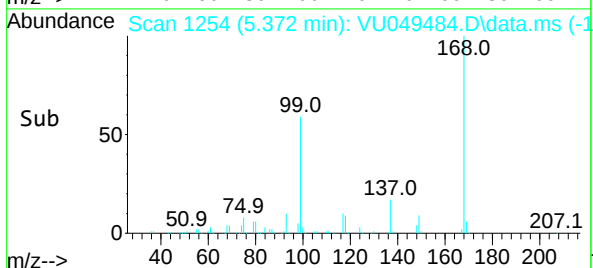
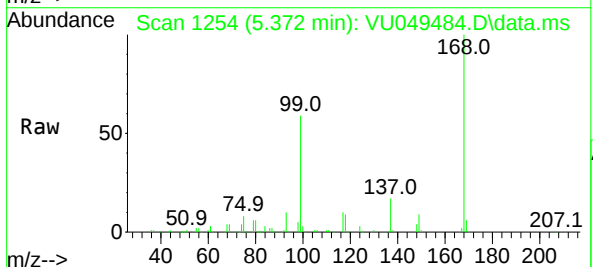


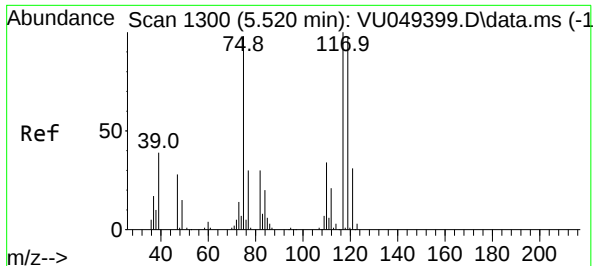
Tgt Ion:113 Resp: 167101
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 19.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.591 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion: 75 Resp: 24843
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 25.1 37.7#

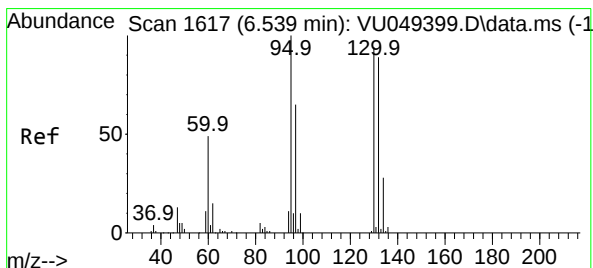
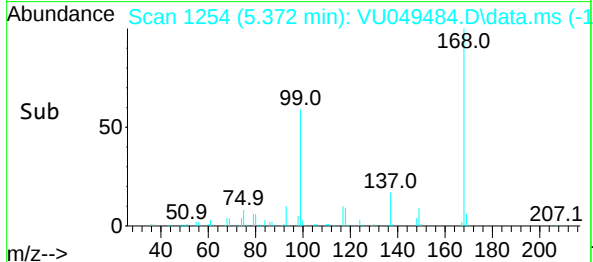
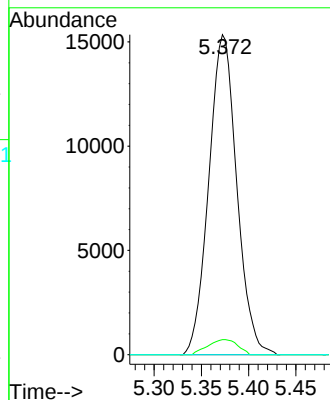
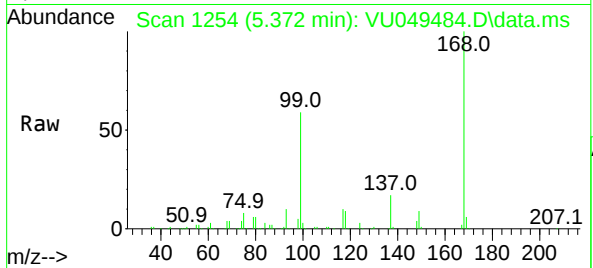




#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

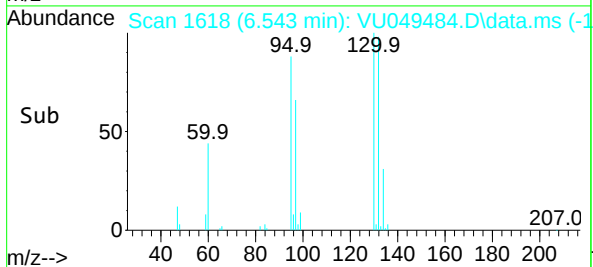
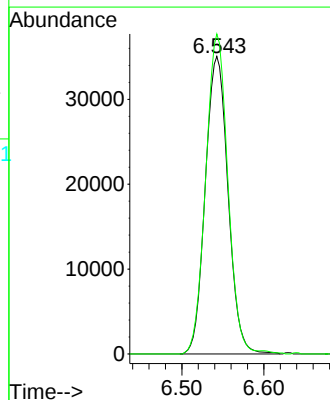
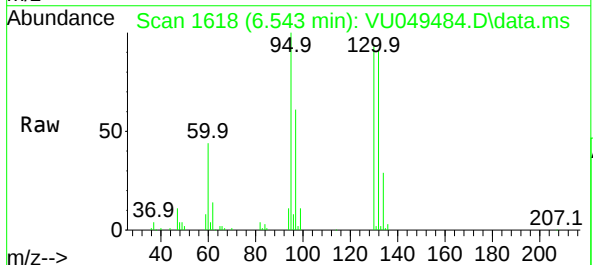
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

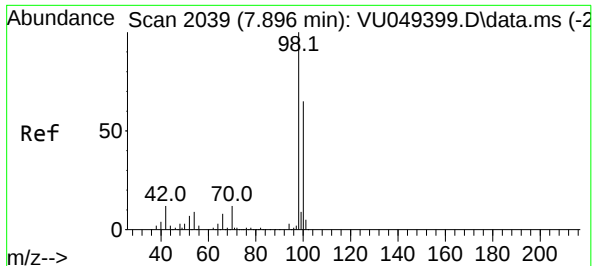
Tgt Ion:117 Resp: 31594
Ion Ratio Lower Upper
117 100
119 4.7 76.8 115.2#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 17.397 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion:130 Resp: 67563
Ion Ratio Lower Upper
130 100
95 107.5 0.0 184.6

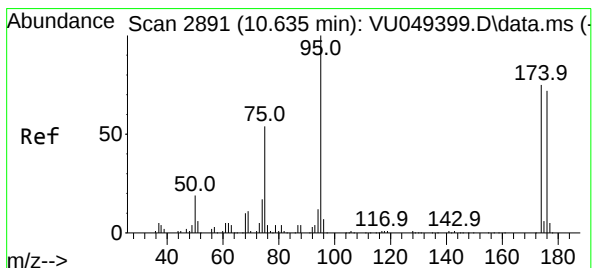
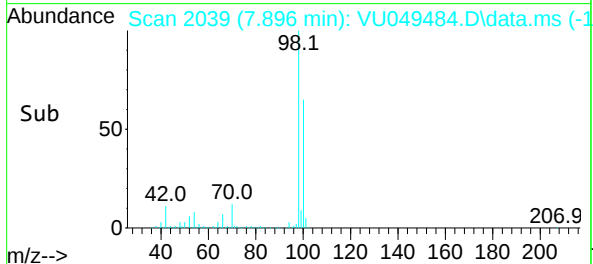
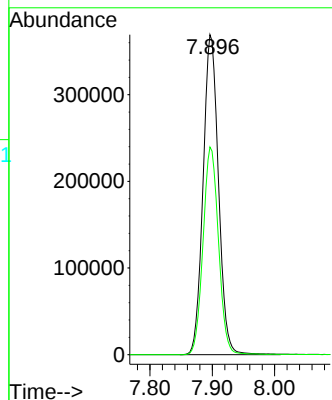
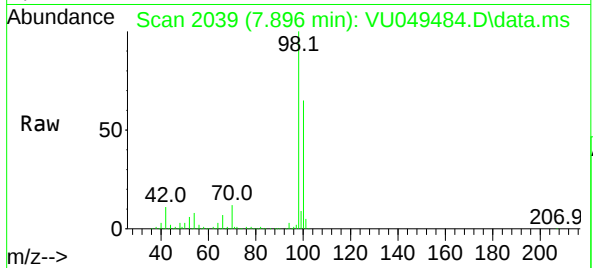




#50
Toluene-d8
Concen: 47.610 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

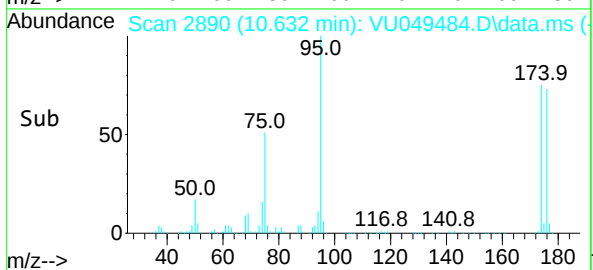
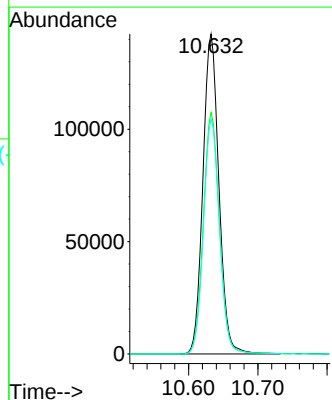
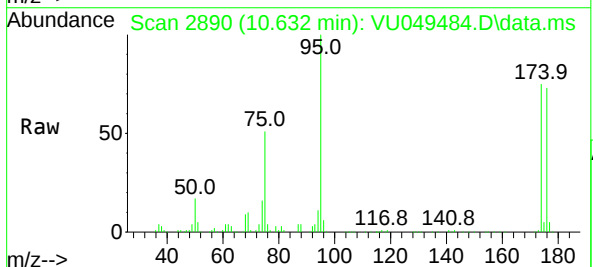
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

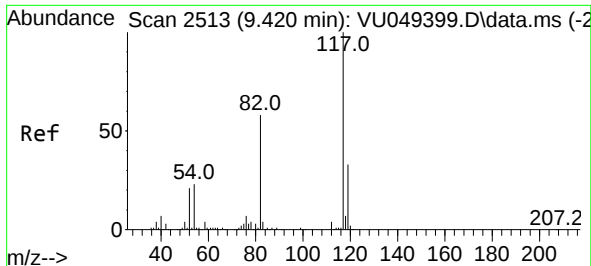
Tgt Ion: 98 Resp: 633709
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.747 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion: 95 Resp: 228154
Ion Ratio Lower Upper
95 100
174 75.9 0.0 182.0
176 73.7 0.0 177.8

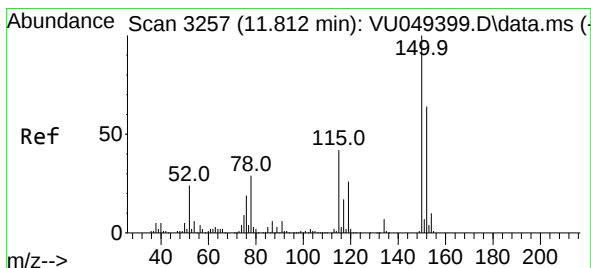
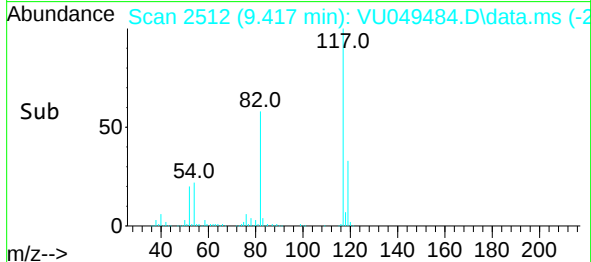
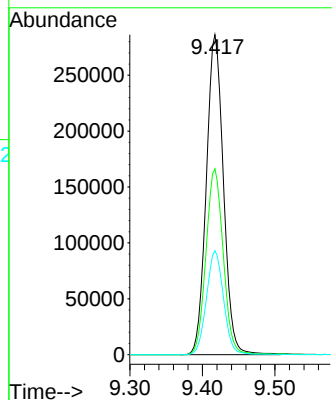
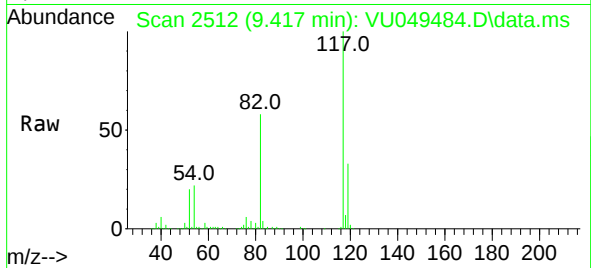




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

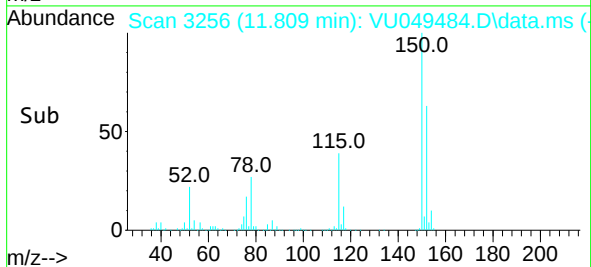
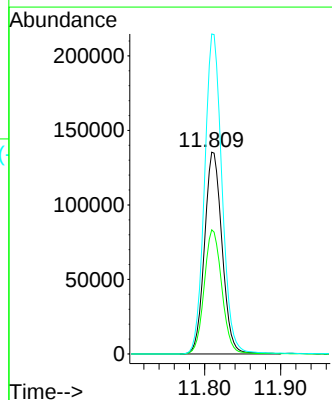
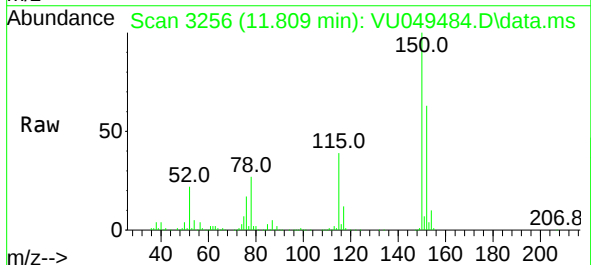
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

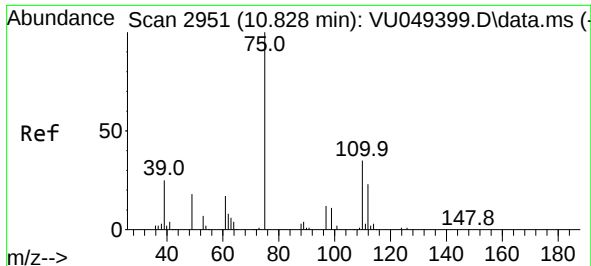
Tgt Ion:117 Resp: 470365
Ion Ratio Lower Upper
117 100
82 58.1 41.7 62.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. -0.003 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion:152 Resp: 217315
Ion Ratio Lower Upper
152 100
115 61.5 37.0 110.9
150 157.8 0.0 342.2

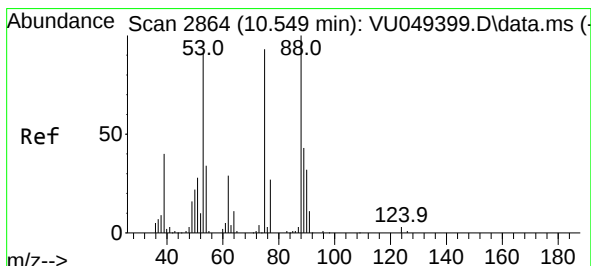
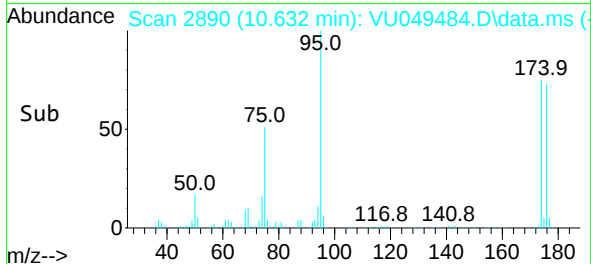
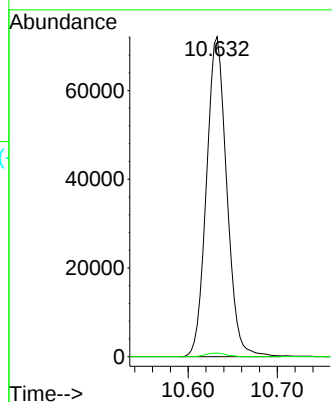
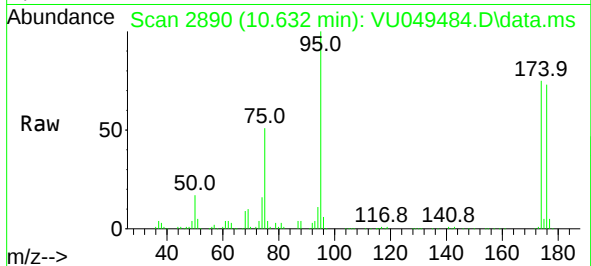




#76
1,2,3-Trichloropropane
Concen: 15.503 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

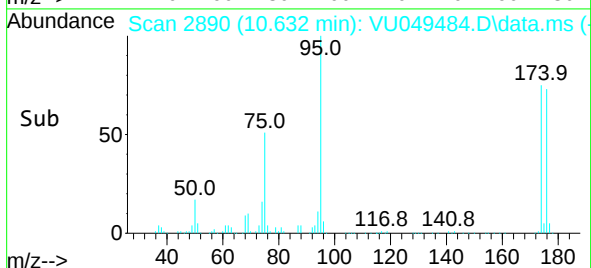
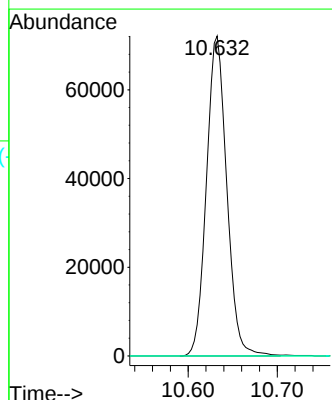
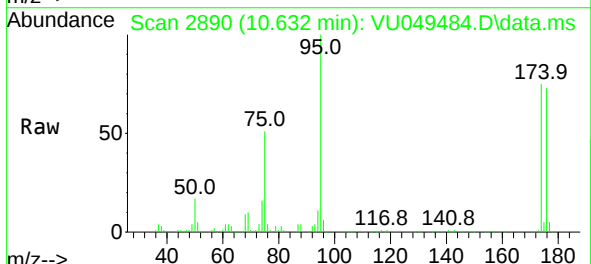
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20220620DL

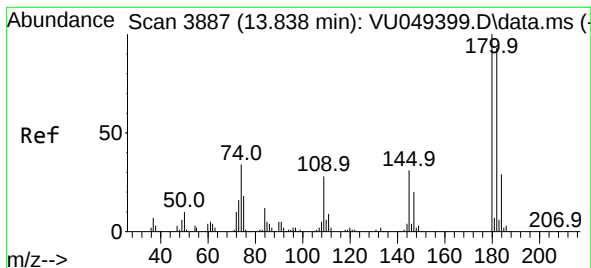
Tgt Ion: 75 Resp: 114205
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.250 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049484.D
Acq: 29 Jun 2022 01:47

Tgt Ion: 75 Resp: 114205
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: 1.787 ug/l

RT: 13.851 min Scan# 3891

Delta R.T. 0.013 min

Lab File: VU049484.D

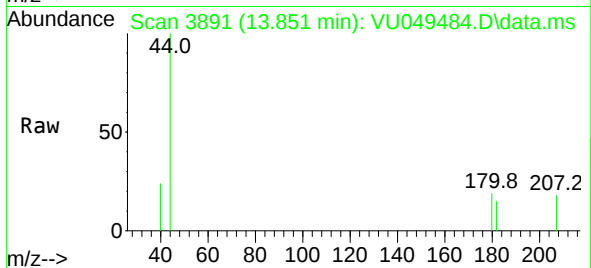
Acq: 29 Jun 2022 01:47

Instrument :

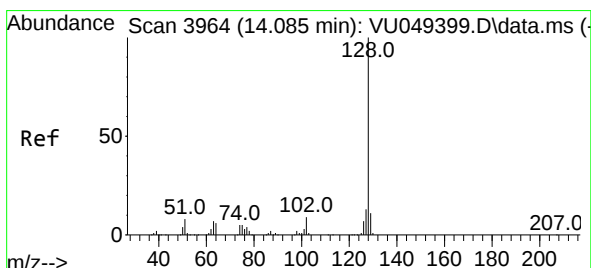
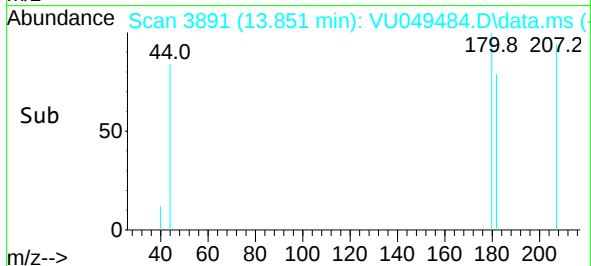
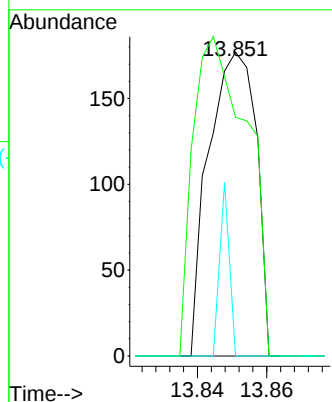
MSVOA_U

ClientSampleId :

RE103D3-20220620DL



Tgt Ion:	180	Resp:	168
Ion Ratio	Lower	Upper	
180	100		
182	120.2	47.9	143.6
145	11.3	14.0	41.9#



#95

Naphthalene

Concen: 1.807 ug/l

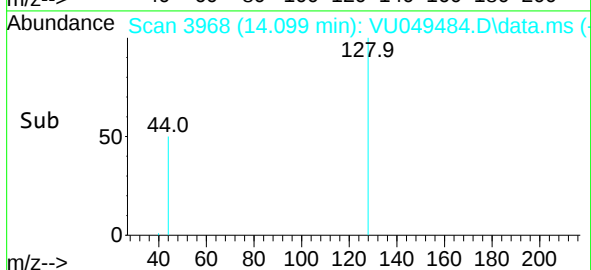
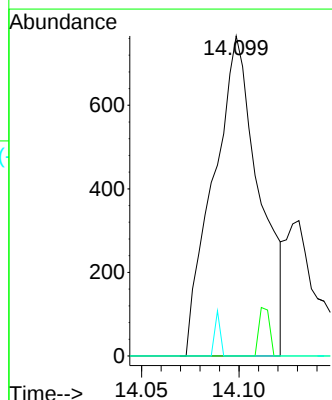
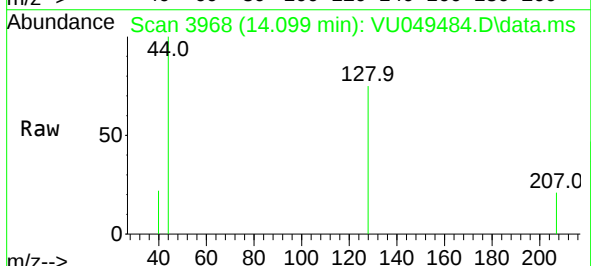
RT: 14.099 min Scan# 3968

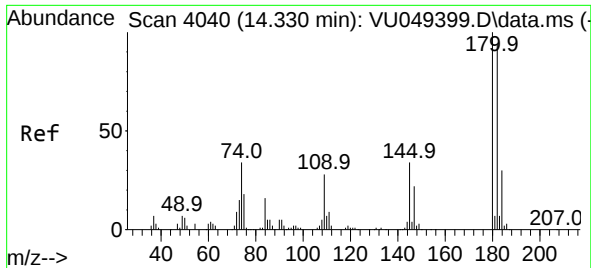
Delta R.T. 0.013 min

Lab File: VU049484.D

Acq: 29 Jun 2022 01:47

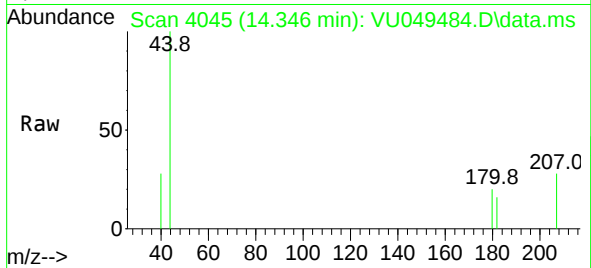
Tgt Ion:	128	Resp:	1259
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	1.7	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.200 ug/l
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.016 min
 Lab File: VU049484.D
 Acq: 29 Jun 2022 01:47

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D3-20220620DL



Tgt Ion:180 Resp: 118
 Ion Ratio Lower Upper
 180 100
 182 148.3 48.4 145.0#
 145 0.0 14.8 44.4#

