

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031287.D
 Acq On : 12 Sep 2022 20:35
 Operator : JC/MD
 Sample : N4298-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20220822

Quant Time: Sep 13 02:00:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

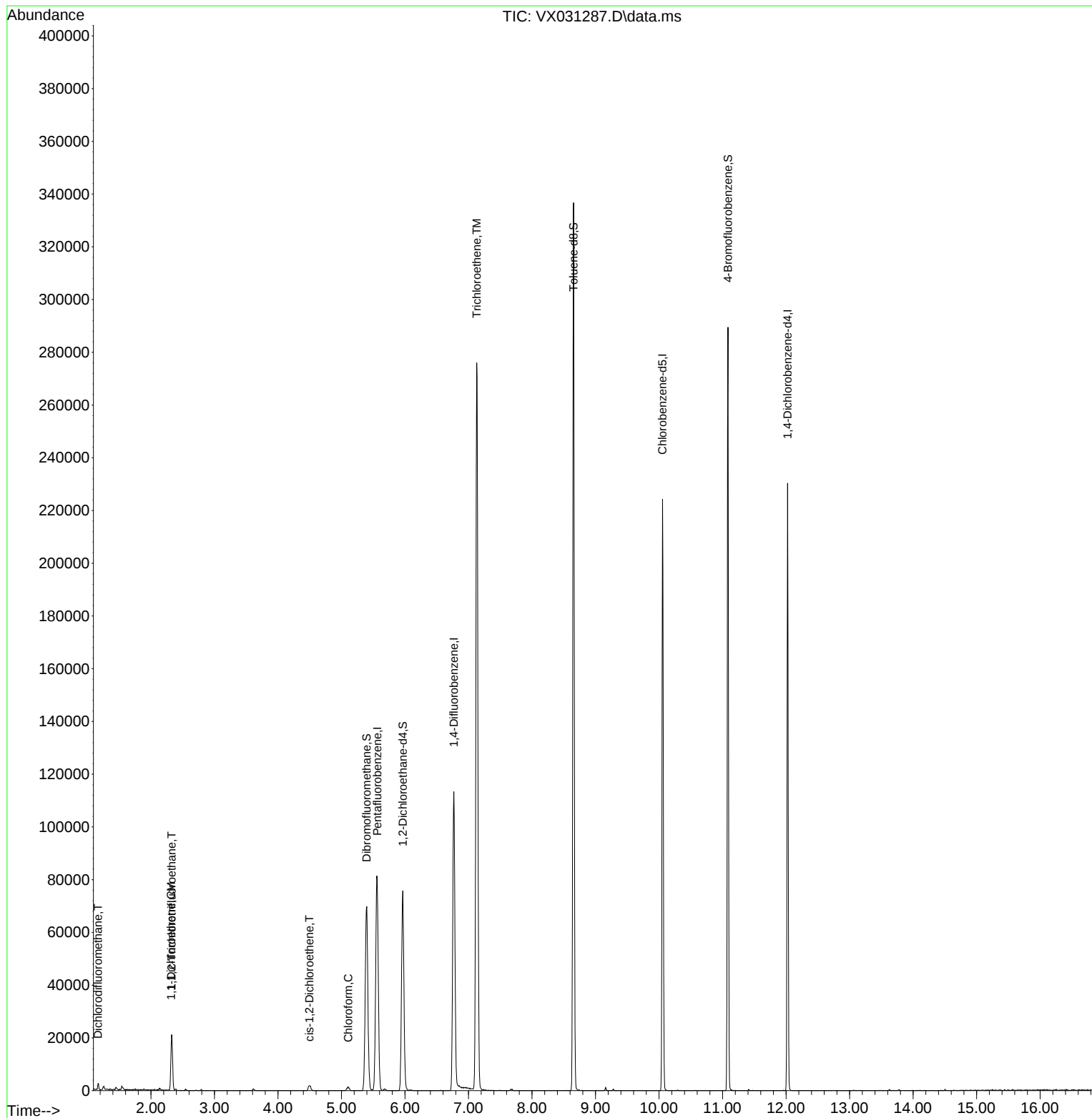
Internal Standards						
1) Pentafluorobenzene	5.562	168	69488	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	86064	52.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.620%			
35) Dibromofluoromethane	5.397	113	58472	48.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.440%			
50) Toluene-d8	8.653	98	193231	43.855	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.720%			
62) 4-Bromofluorobenzene	11.085	95	73177	45.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.640%			
Target Compounds						
2) Dichlorodifluoromethane	1.167	85	1082	0.969	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	6339	5.078	ug/l #	81
12) 1,1-Dichloroethene	2.319	96	1356	1.156	ug/l #	75
27) cis-1,2-Dichloroethene	4.495	96	1476	0.989	ug/l	96
30) Chloroform	5.105	83	1865	0.718	ug/l	96
44) Trichloroethene	7.129	130	106997	77.153	ug/l	97

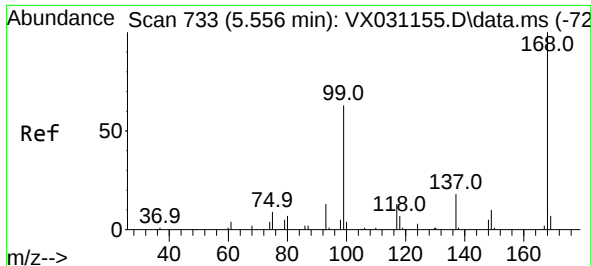
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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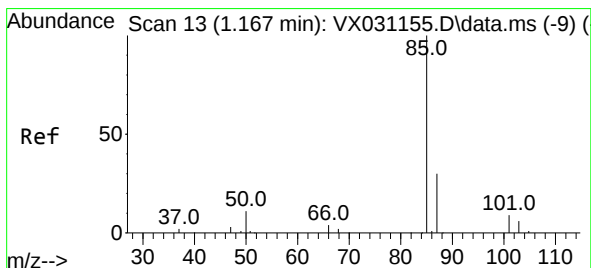
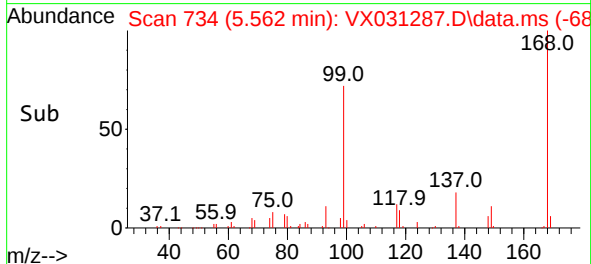
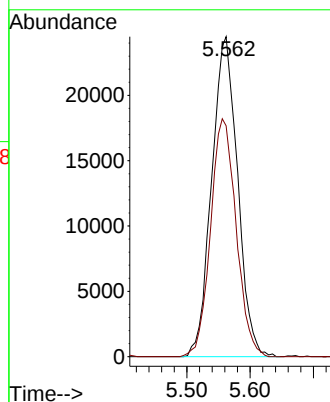
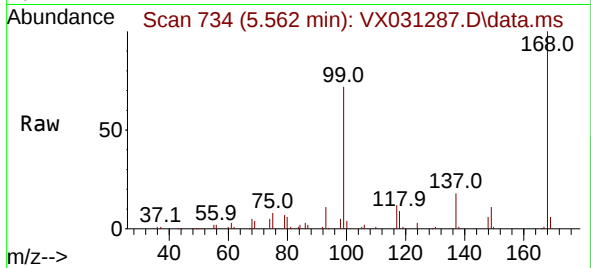




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

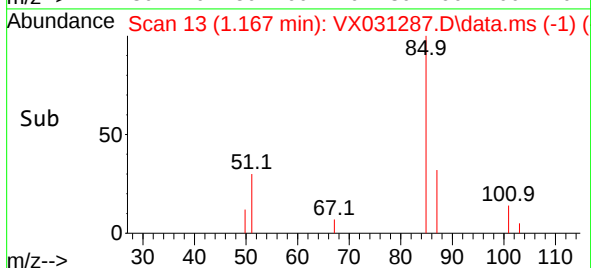
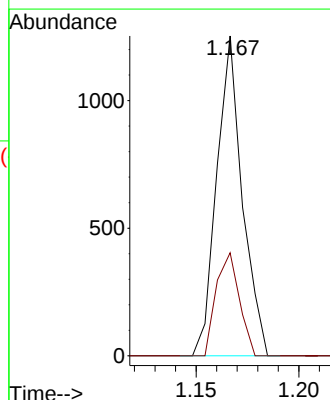
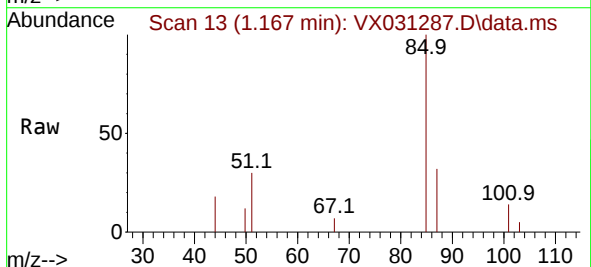
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20220822

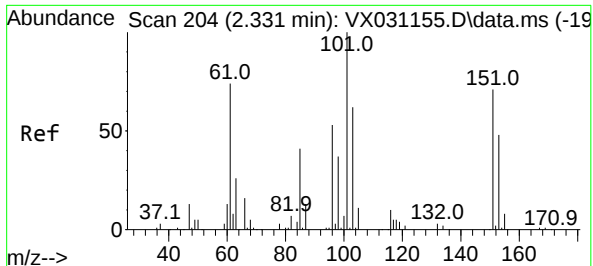
Tgt Ion:168 Resp: 69488
Ion Ratio Lower Upper
168 100
99 72.1 44.0 66.0#



#2
Dichlorodifluoromethane
Concen: 0.969 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

Tgt Ion: 85 Resp: 1082
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5

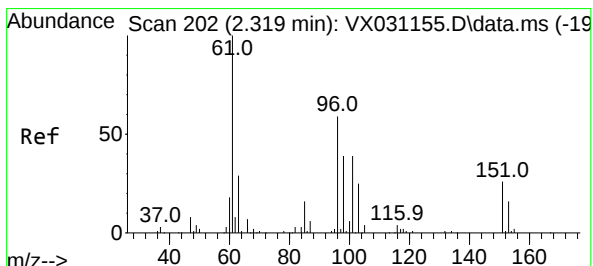
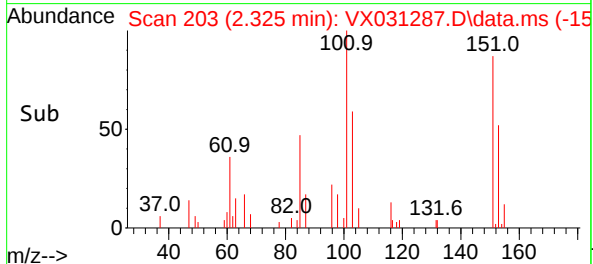
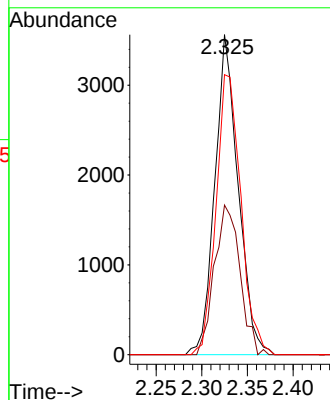
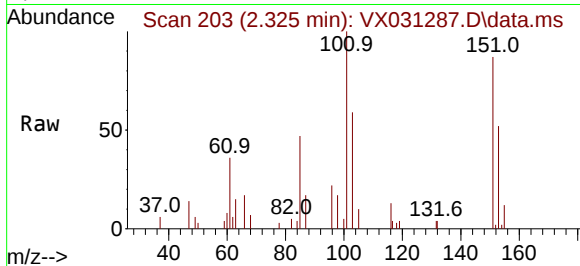




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.078 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

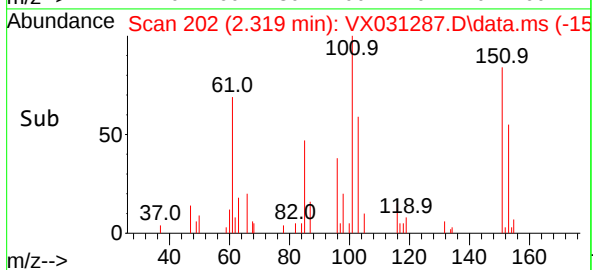
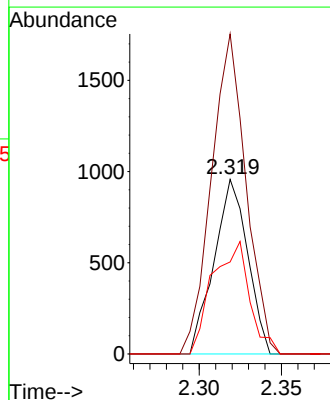
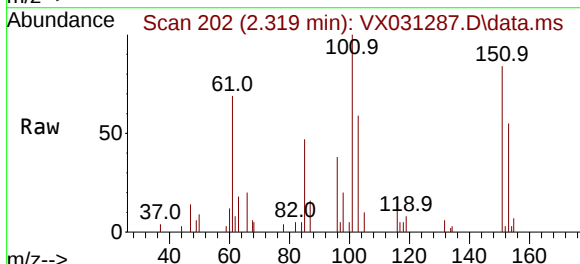
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20220822

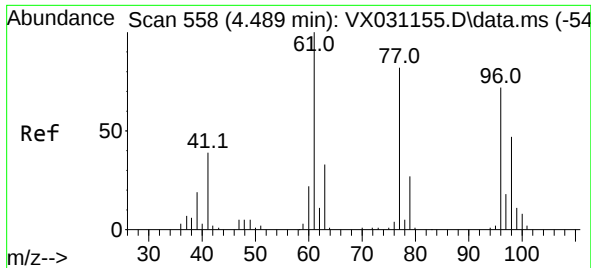
Tgt Ion:101 Resp: 6339
Ion Ratio Lower Upper
101 100
85 51.0 34.0 51.0
151 93.2 59.4 89.0#



#12
1,1-Dichloroethene
Concen: 1.156 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

Tgt Ion: 96 Resp: 1356
Ion Ratio Lower Upper
96 100
61 183.3 117.4 176.0#
98 52.7 52.2 78.4

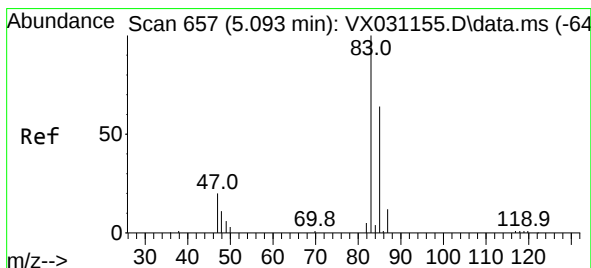
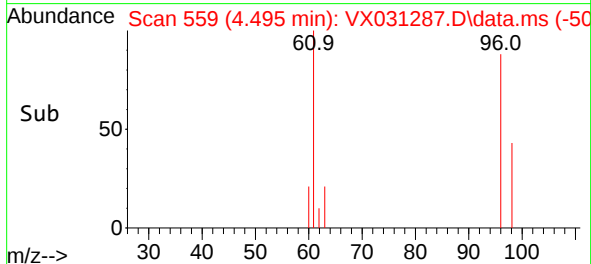
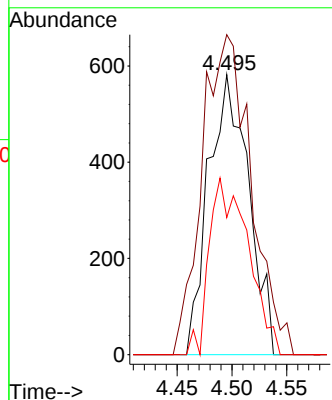
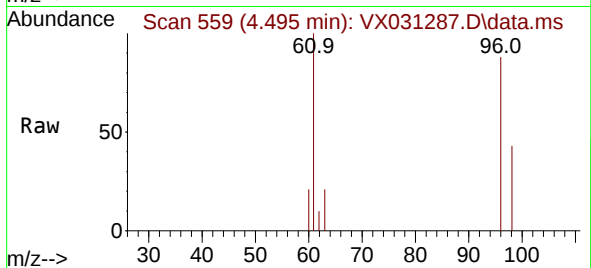




#27
cis-1,2-Dichloroethene
Concen: 0.989 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

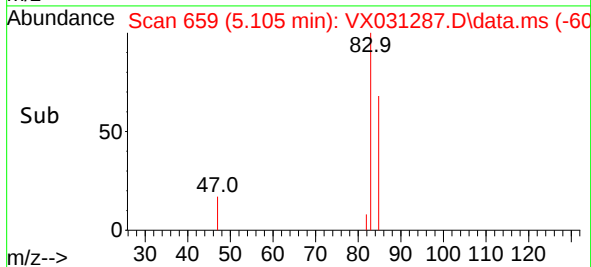
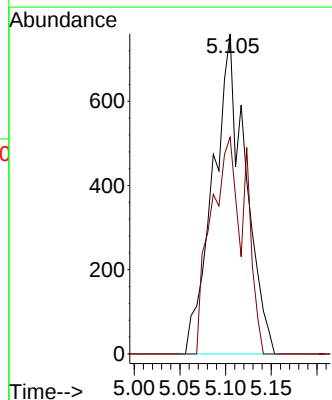
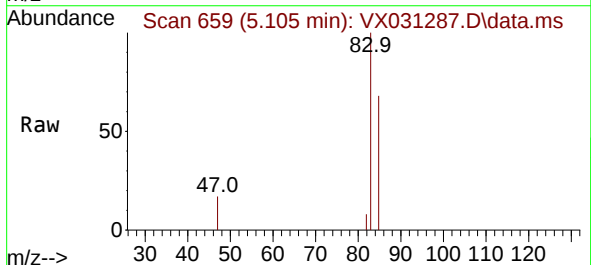
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20220822

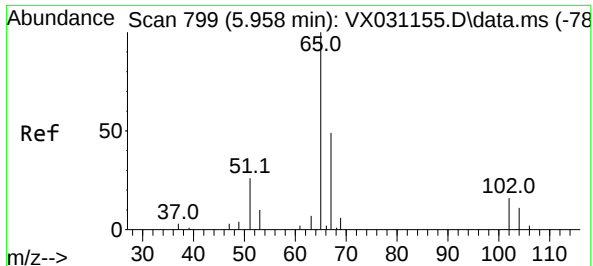
Tgt Ion: 96 Resp: 1476
Ion Ratio Lower Upper
96 100
61 140.0 0.0 270.0
98 61.5 0.0 127.8



#30
Chloroform
Concen: 0.718 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

Tgt Ion: 83 Resp: 1865
Ion Ratio Lower Upper
83 100
85 67.8 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 52.313 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031287.D

Acq: 12 Sep 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

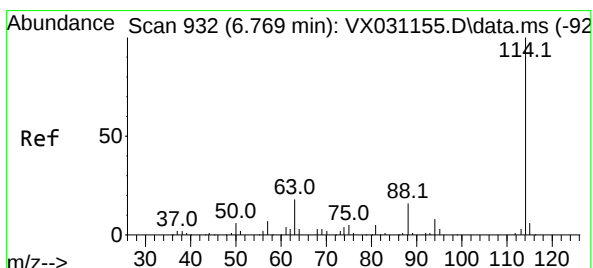
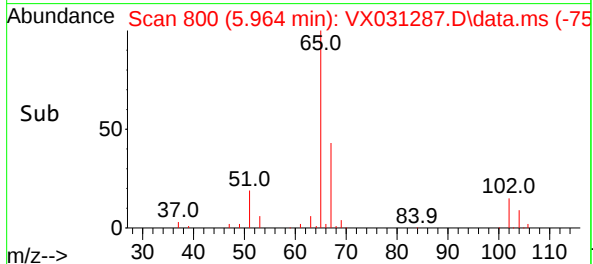
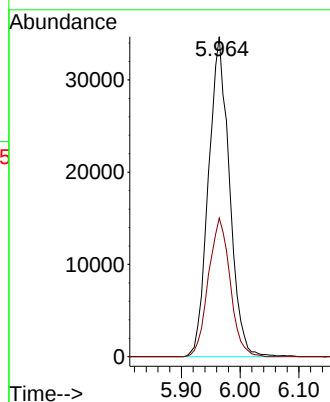
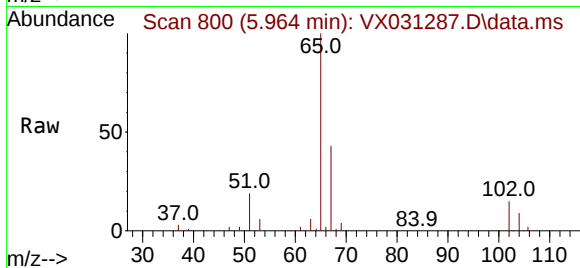
RE132D5-20220822

Tgt Ion: 65 Resp: 86064

Ion Ratio Lower Upper

65 100

67 44.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031287.D

Acq: 12 Sep 2022 20:35

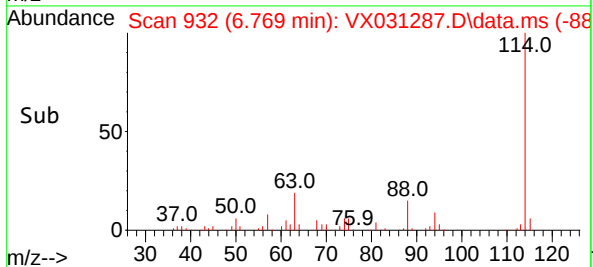
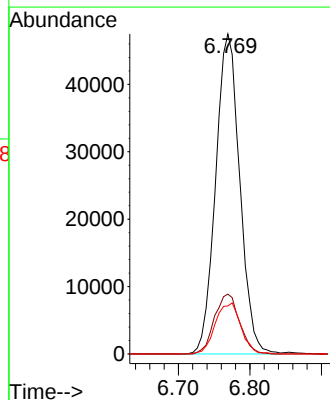
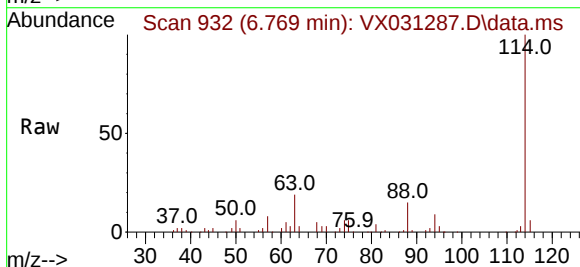
Tgt Ion: 114 Resp: 111287

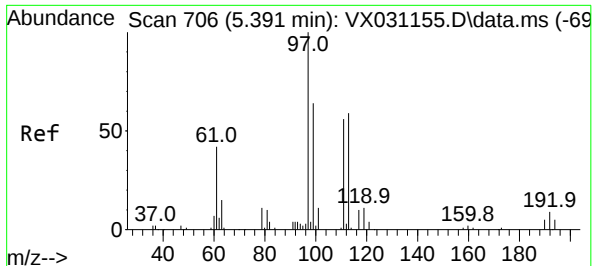
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.215 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031287.D

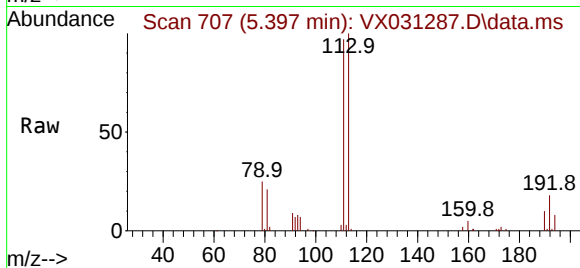
Acq: 12 Sep 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20220822



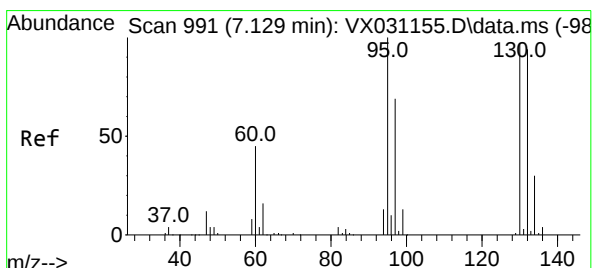
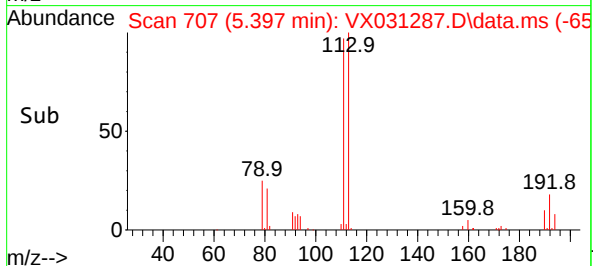
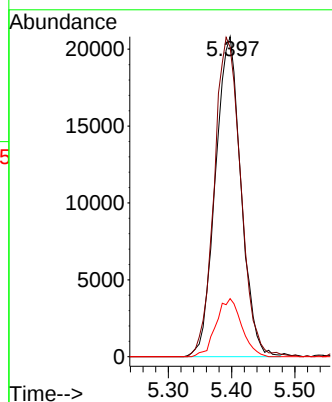
Tgt Ion:113 Resp: 58472

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 18.1 14.8 22.2



#44

Trichloroethene

Concen: 77.153 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031287.D

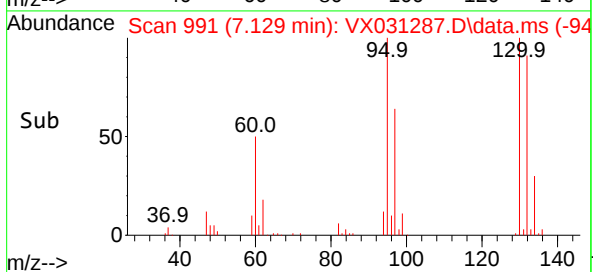
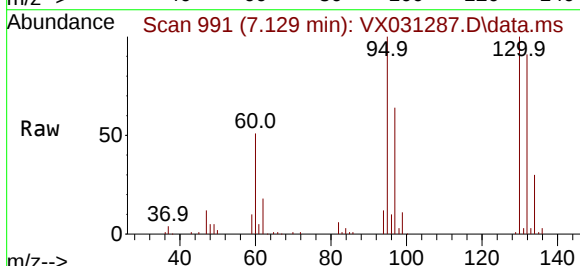
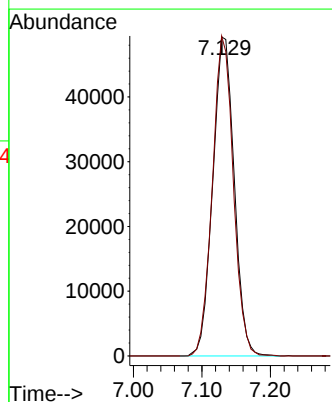
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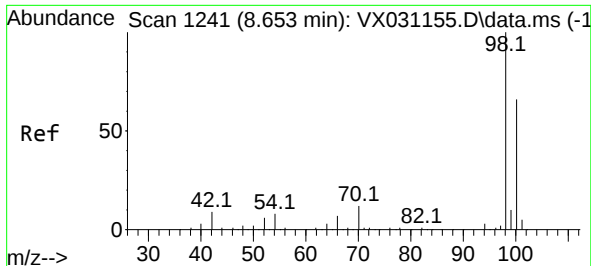
Tgt Ion:130 Resp: 106997

Ion Ratio Lower Upper

130 100

95 100.3 0.0 194.8





#50

Toluene-d8

Concen: 43.855 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031287.D

Acq: 12 Sep 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

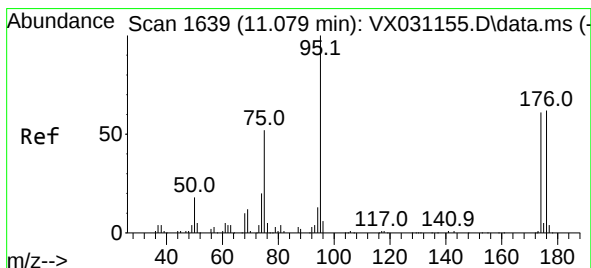
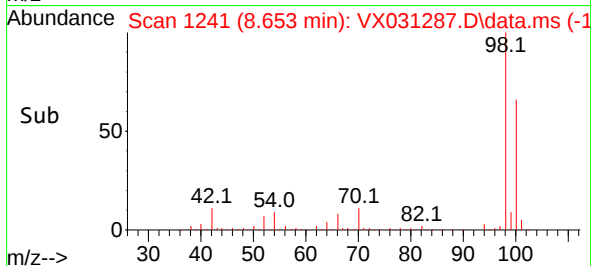
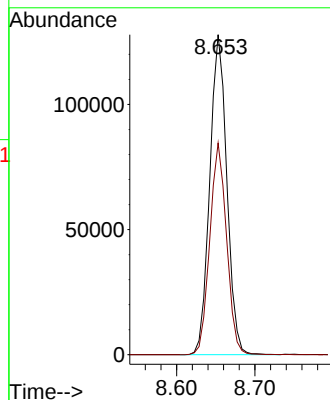
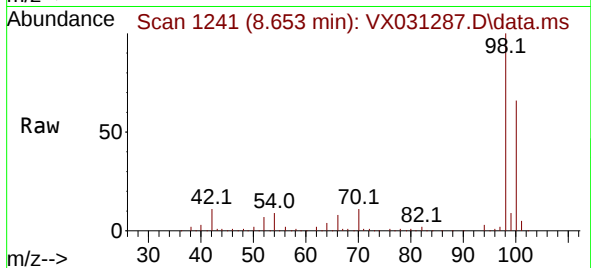
RE132D5-20220822

Tgt Ion: 98 Resp: 193231

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.319 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031287.D

Acq: 12 Sep 2022 20:35

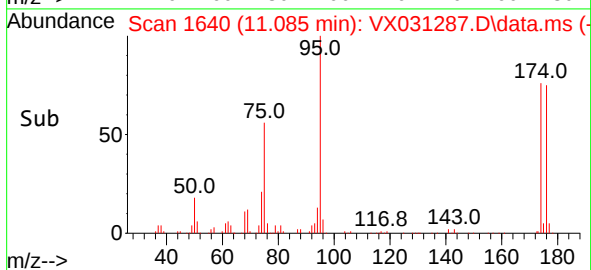
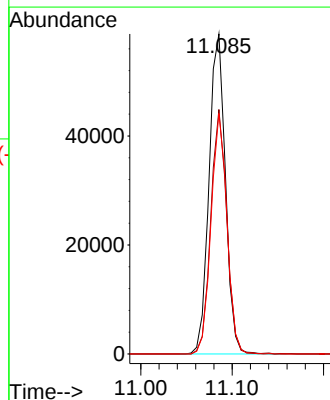
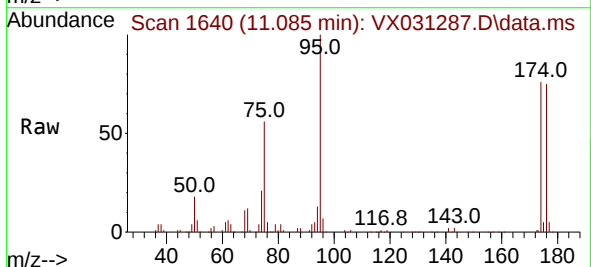
Tgt Ion: 95 Resp: 73177

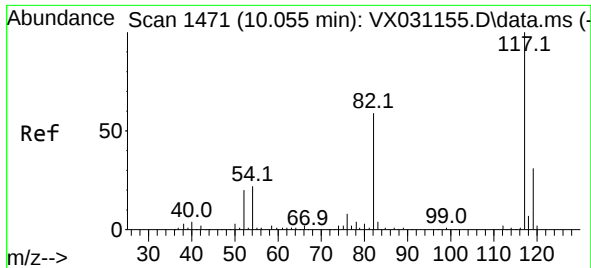
Ion Ratio Lower Upper

95 100

174 74.4 0.0 149.0

176 73.1 0.0 146.0

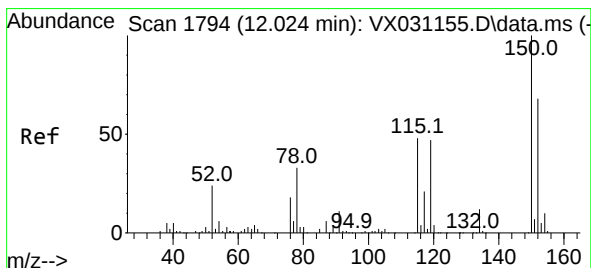
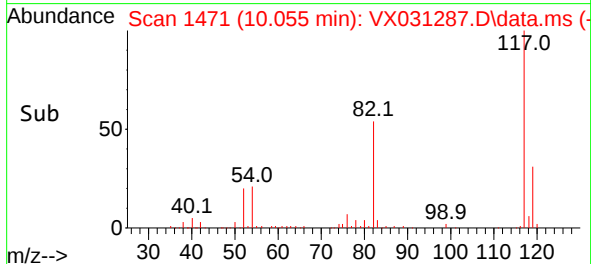
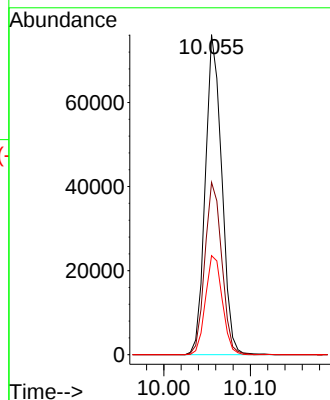
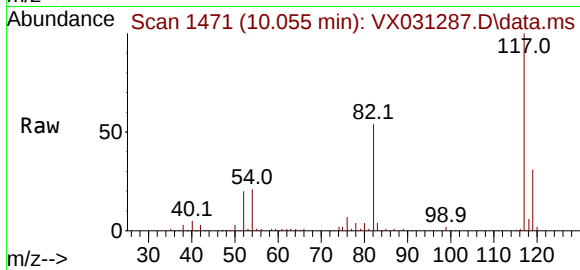




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20220822

Tgt Ion:117 Resp: 100423
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031287.D
Acq: 12 Sep 2022 20:35

Tgt Ion:152 Resp: 44290
Ion Ratio Lower Upper
152 100
115 66.7 40.5 121.5
150 159.3 0.0 347.0

