

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022928.D
 Acq On : 25 Jun 2021 17:13
 Operator : JC/MD
 Sample : M2838-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210621DL

Quant Time: Jun 26 03:54:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

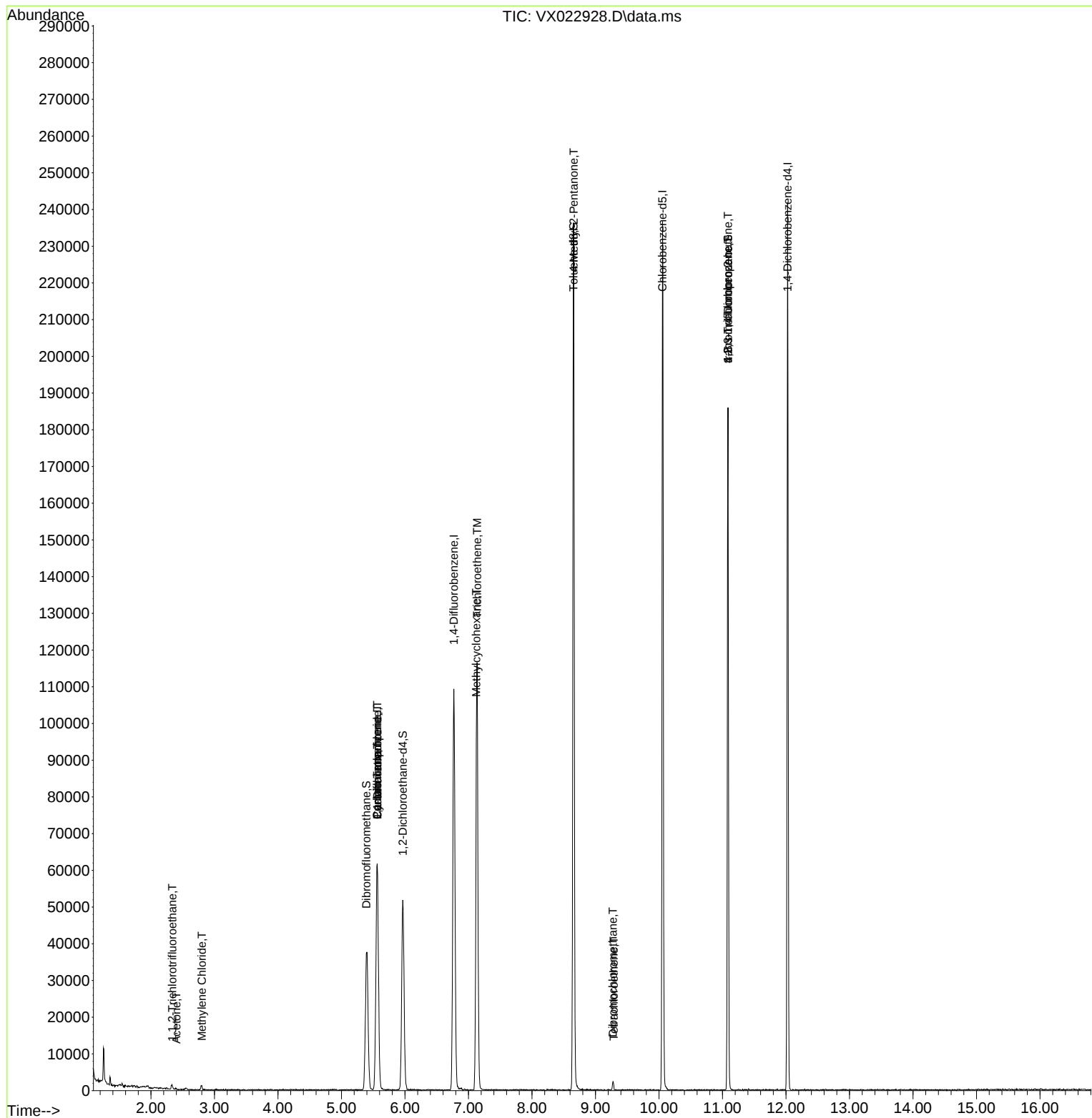
Internal Standards						
1) Pentafluorobenzene	5.562	168	50617	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	104129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47473	51.68	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.36%	
35) Dibromofluoromethane	5.391	113	33349	50.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.86%	
50) Toluene-d8	8.653	98	132671	51.19	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.38%	
62) 4-Bromofluorobenzene	11.085	95	47972	49.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.20%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	416	0.63	ug/l	# 84
16) Acetone	2.398	43	363	0.89	ug/l	# 40
20) Methylene Chloride	2.800	84	532	1.03	ug/l	# 75
31) Cyclohexane	5.562	56	1563	1.21	ug/l	# 55
36) 1,1-Dichloropropene	5.562	75	5478	4.95	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6432	6.93	ug/l	# 15
39) Methylcyclohexane	7.123	83	293	0.23	ug/l	# 22
44) Trichloroethene	7.135	130	39306	51.97	ug/l	89
51) 4-Methyl-2-Pentanone	8.659	43	630	0.49	ug/l	# 1
60) Dibromochloromethane	9.275	129	345	4.07	ug/l	# 11
64) Tetrachloroethene	9.287	164	399	0.57	ug/l	# 68
76) 1,2,3-Trichloropropane	11.085	75	26491	23.98	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26491	62.85	ug/l	# 12

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

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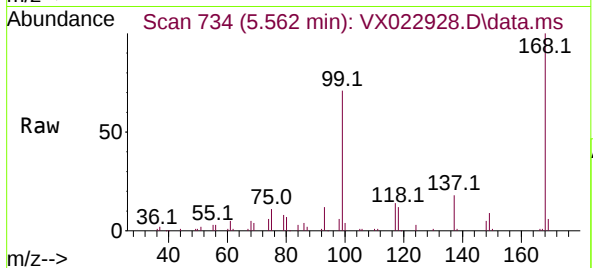
Quant Time: Jun 26 03:54:47 2021
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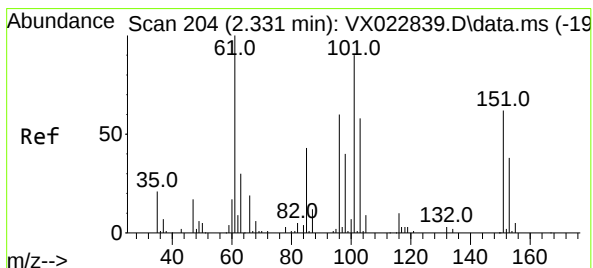
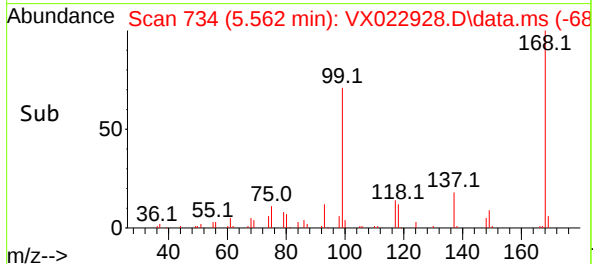
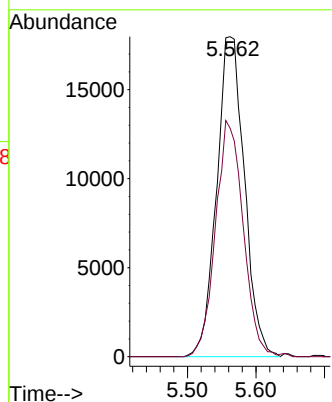


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621DL

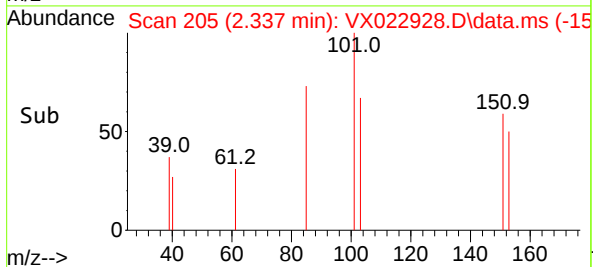
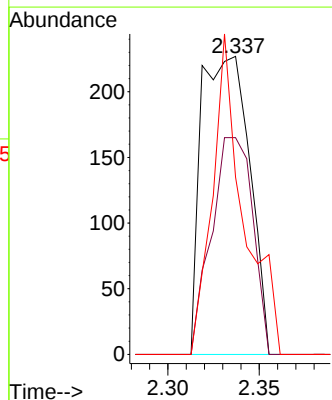
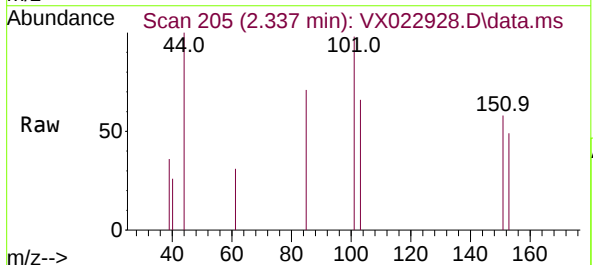


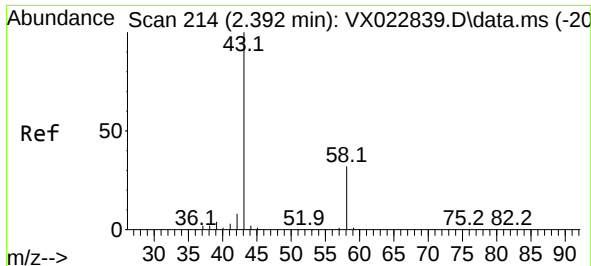
Tgt Ion:168 Resp: 50617
Ion Ratio Lower Upper
168 100
99 71.4 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.63 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Tgt Ion:101 Resp: 416
Ion Ratio Lower Upper
101 100
85 62.3 34.9 52.3#
151 69.5 61.4 92.2

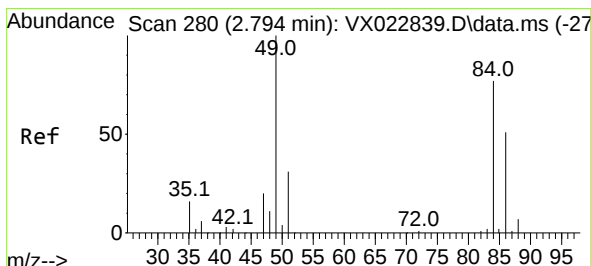
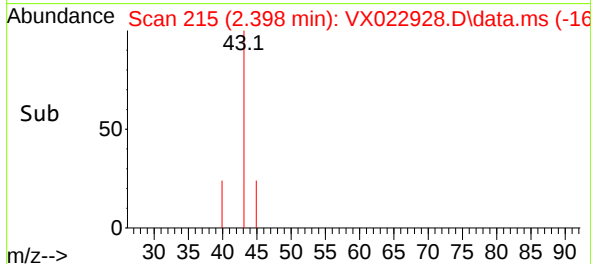
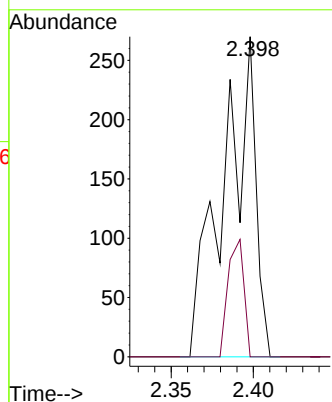
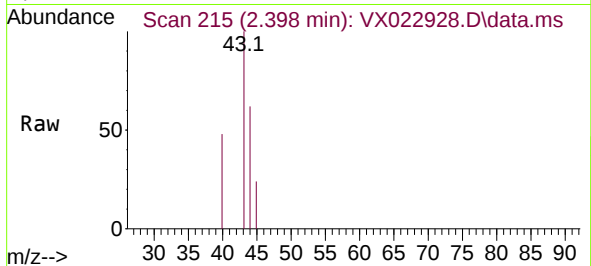




#16
Acetone
Concen: 0.89 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

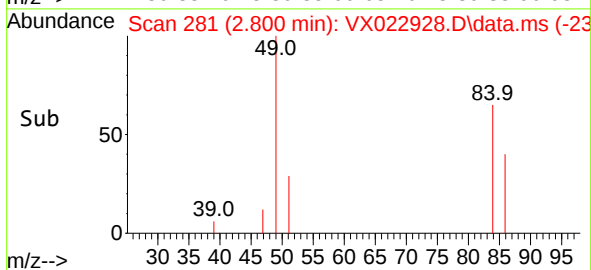
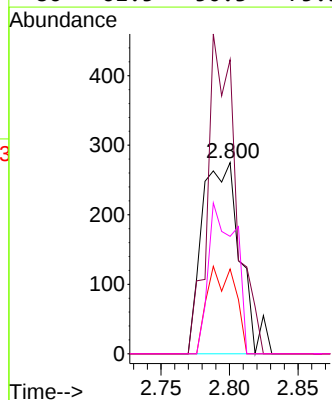
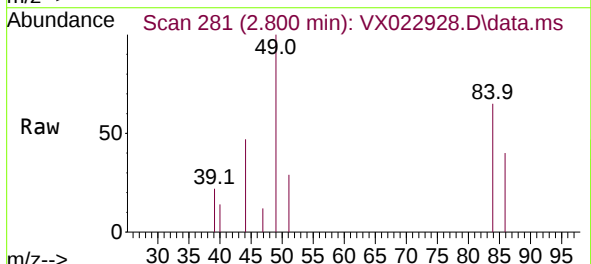
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621DL

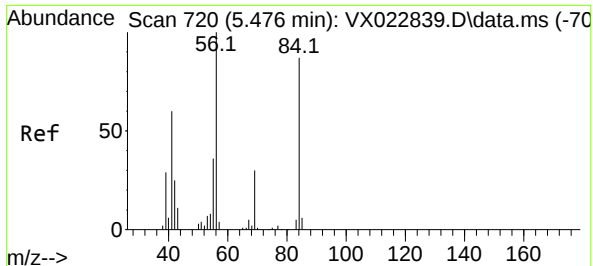
Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 1.03 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Tgt Ion: 84 Resp: 532
Ion Ratio Lower Upper
84 100
49 153.8 88.6 132.8#
51 44.4 27.0 40.6#
86 61.5 50.3 75.5

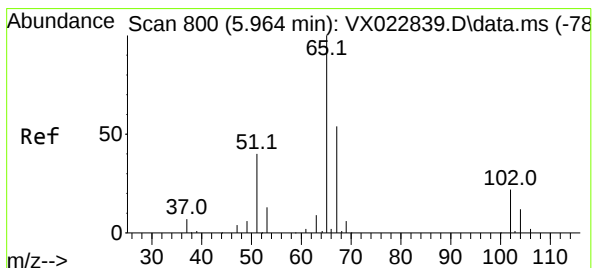
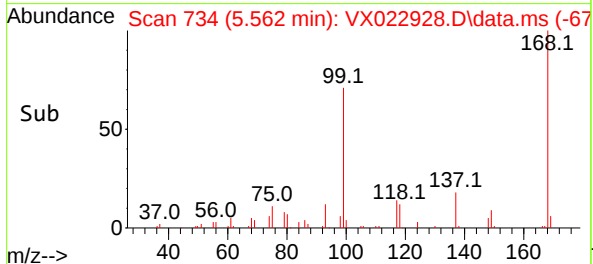
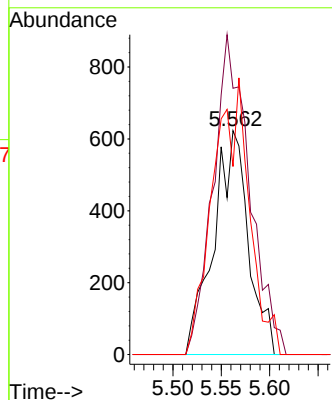
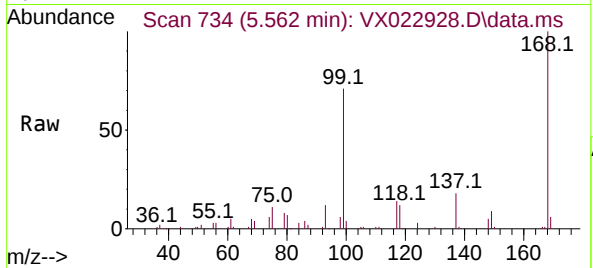




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

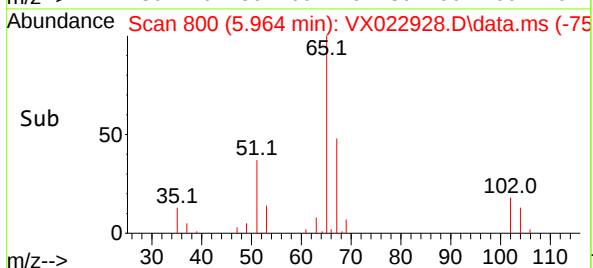
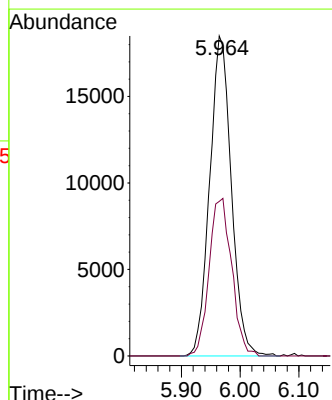
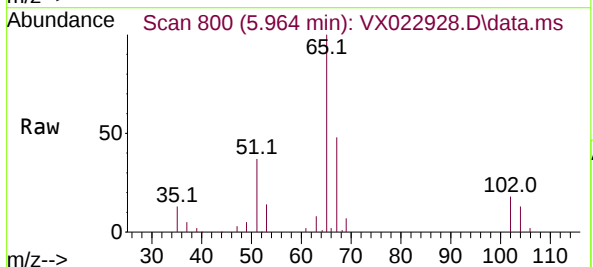
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621DL

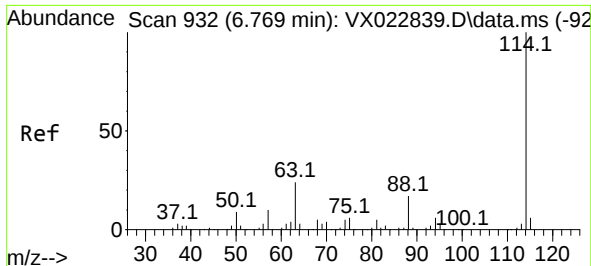
Tgt Ion: 56 Resp: 1563
Ion Ratio Lower Upper
56 100
69 118.9 25.3 37.9#
84 83.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.68 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Tgt Ion: 65 Resp: 47473
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

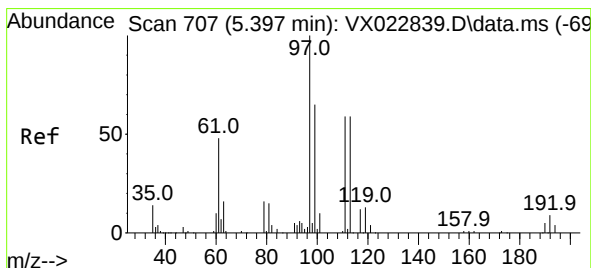
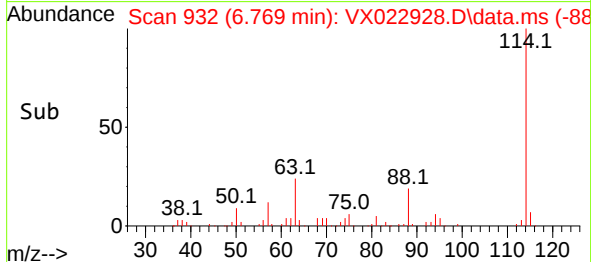
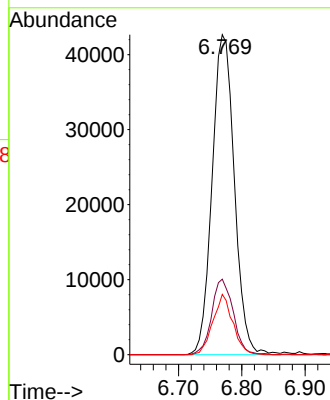
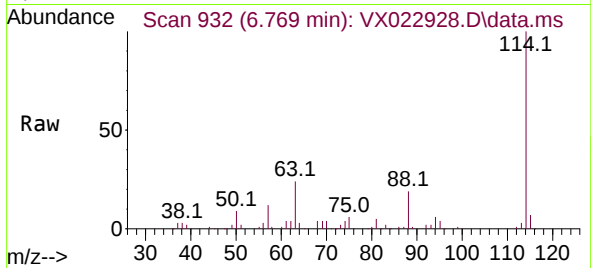




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

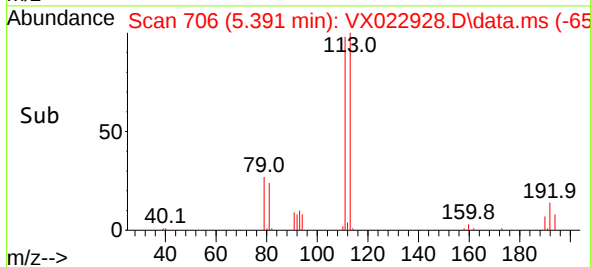
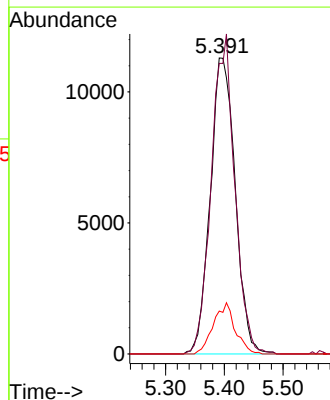
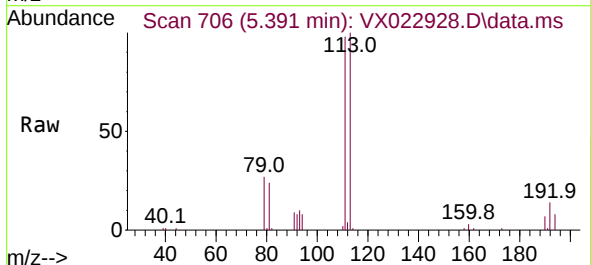
Instrument :
MSVOA_X
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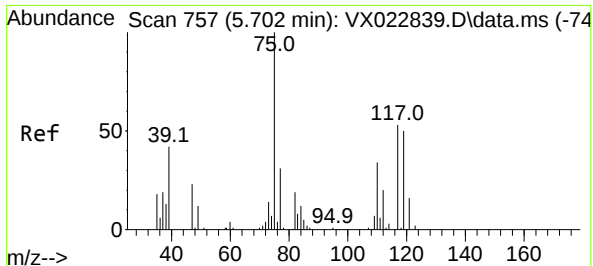
Tgt Ion:114 Resp: 104129
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 18.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.43 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Tgt Ion:113 Resp: 33349
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 15.1 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022928.D

Acq: 25 Jun 2021 17:13

Tgt Ion: 75 Resp: 5478

Ion Ratio Lower Upper

75 100

110 6.0 18.1 54.4#

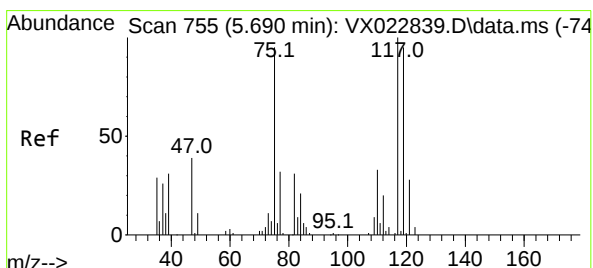
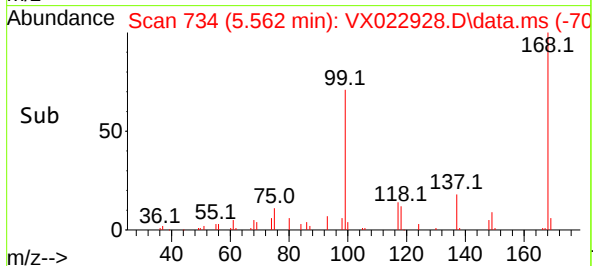
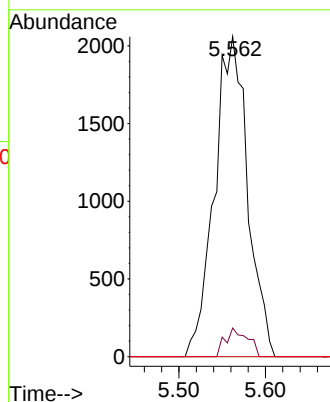
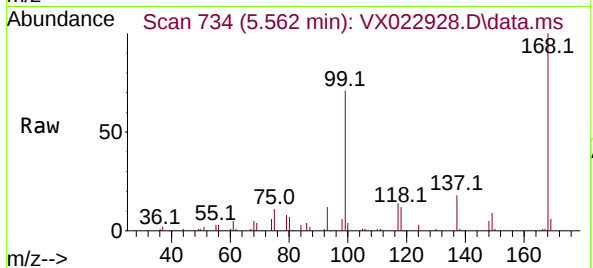
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20210621DL



#38

Carbon Tetrachloride

Concen: 6.93 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX022928.D

Acq: 25 Jun 2021 17:13

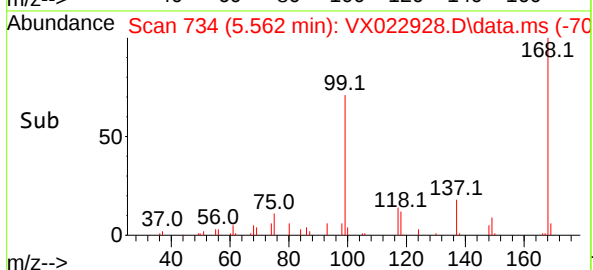
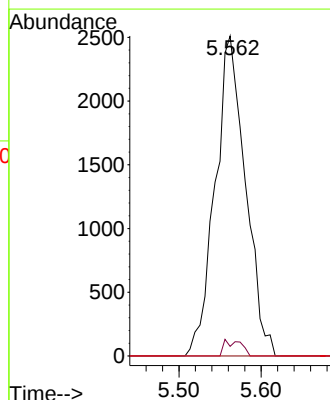
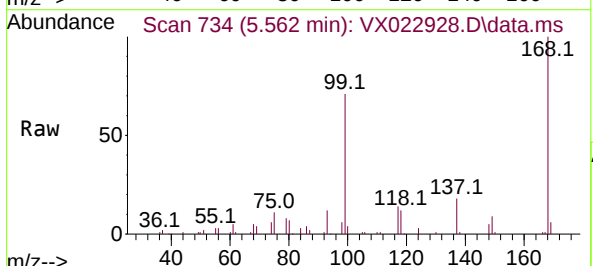
Tgt Ion: 117 Resp: 6432

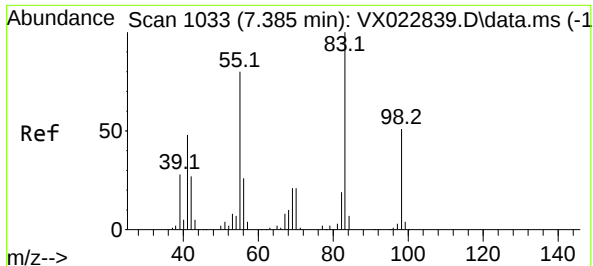
Ion Ratio Lower Upper

117 100

119 3.0 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.23 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX022928.D

Acq: 25 Jun 2021 17:13

Tgt Ion: 83 Resp: 293

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

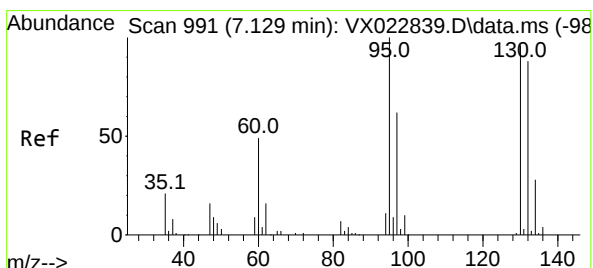
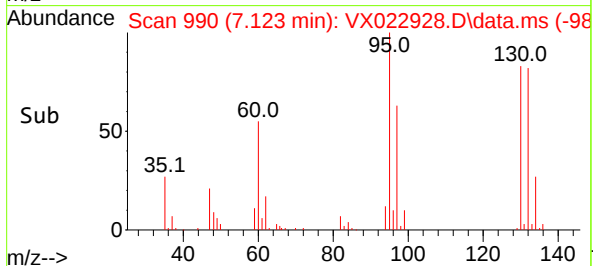
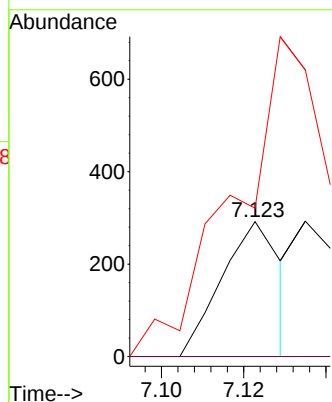
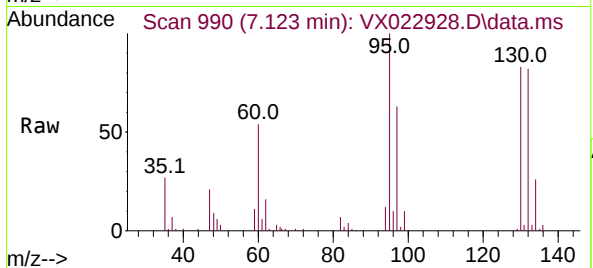
98 90.8 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

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#44

Trichloroethene

Concen: 51.97 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022928.D

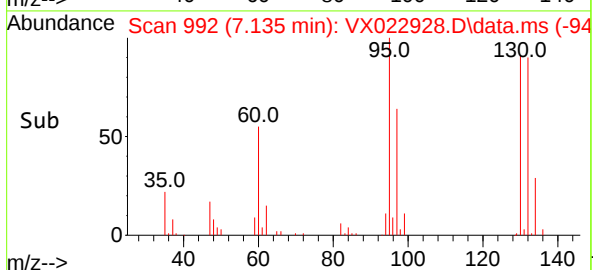
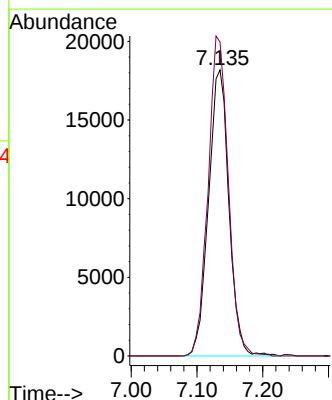
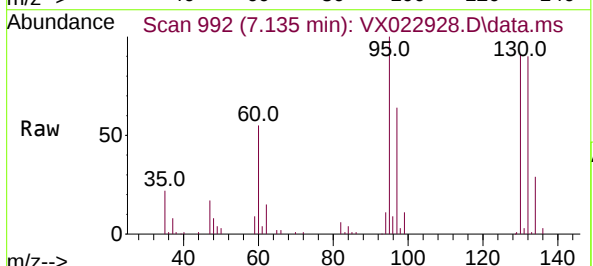
Acq: 25 Jun 2021 17:13

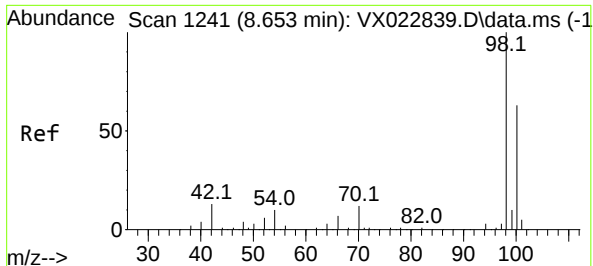
Tgt Ion:130 Resp: 39306

Ion Ratio Lower Upper

130 100

95 109.7 0.0 198.0





#50

Toluene-d8

Concen: 51.19 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022928.D

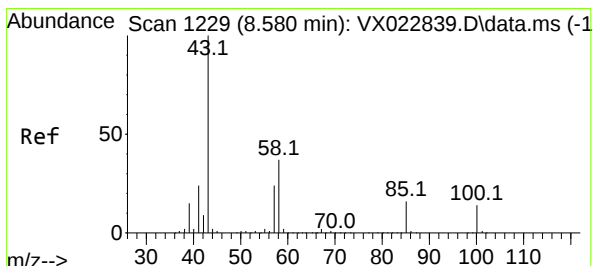
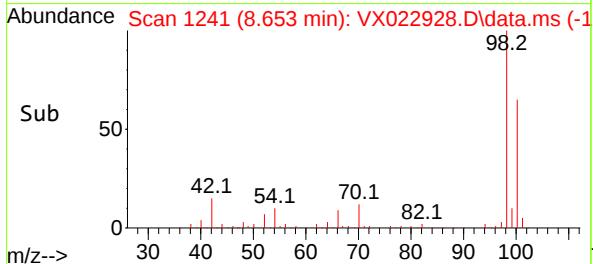
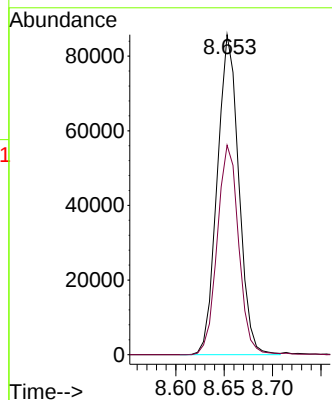
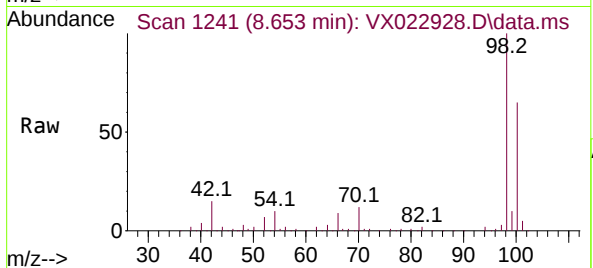
Acq: 25 Jun 2021 17:13

Tgt Ion: 98 Resp: 132671

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.079 min

Lab File: VX022928.D

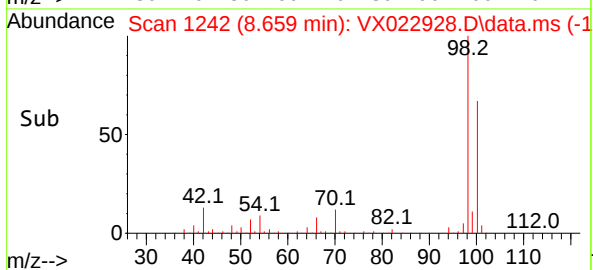
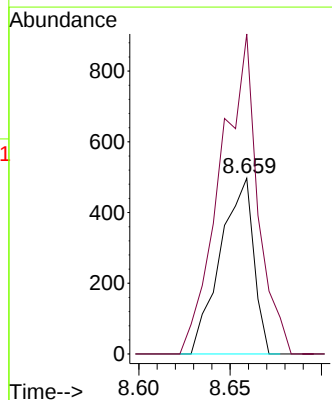
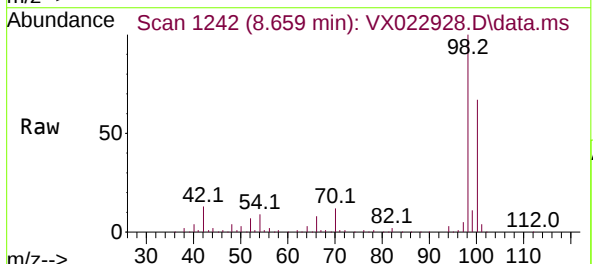
Acq: 25 Jun 2021 17:13

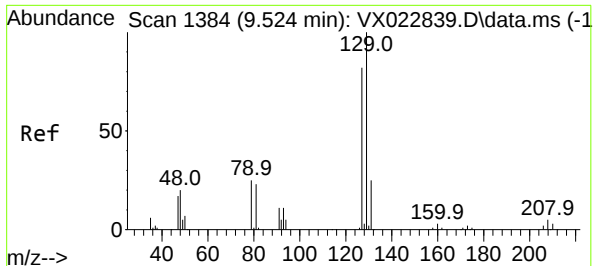
Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

58 204.9 35.4 53.0#

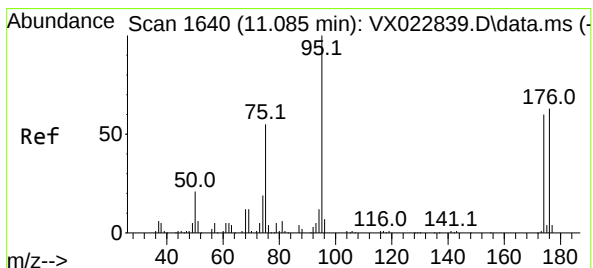
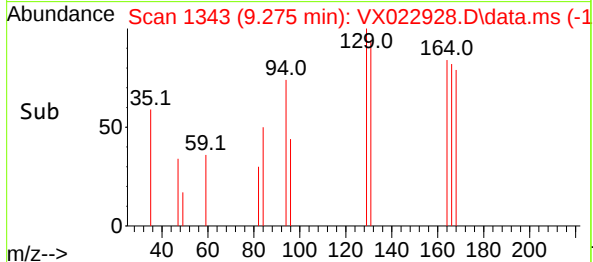
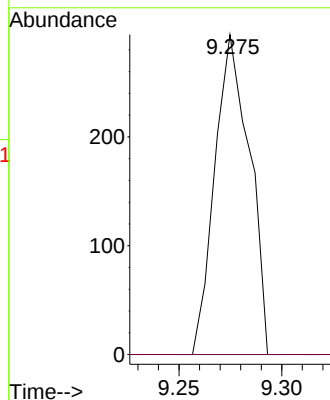
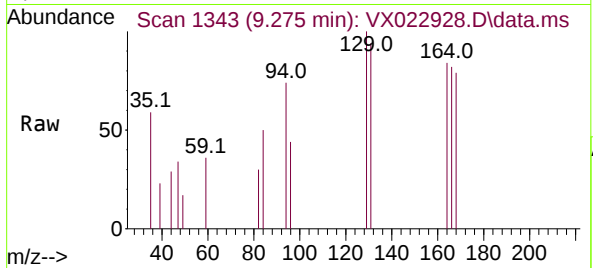




#60
Dibromochloromethane
Concen: 4.07 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

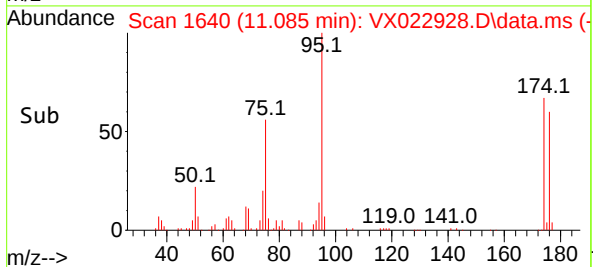
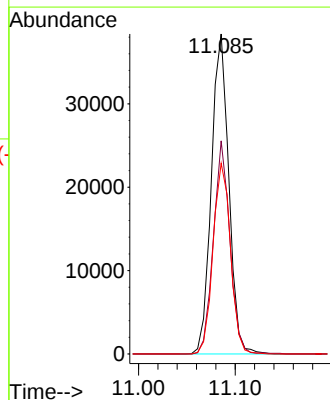
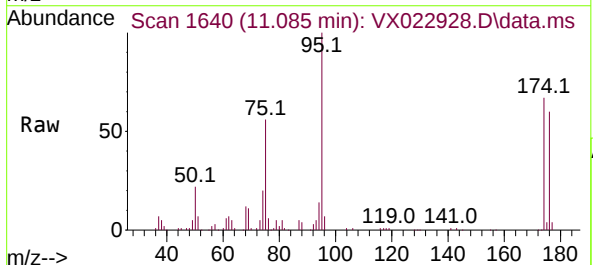
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621DL

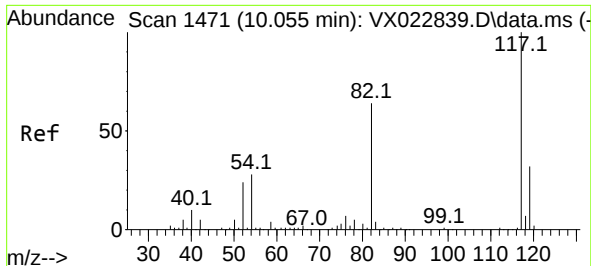
Tgt Ion:129 Resp: 345
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.60 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Tgt Ion: 95 Resp: 47972
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 59.7 0.0 155.8

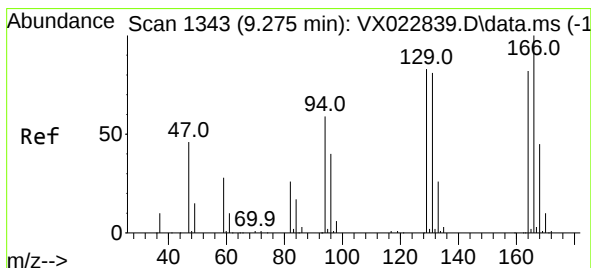
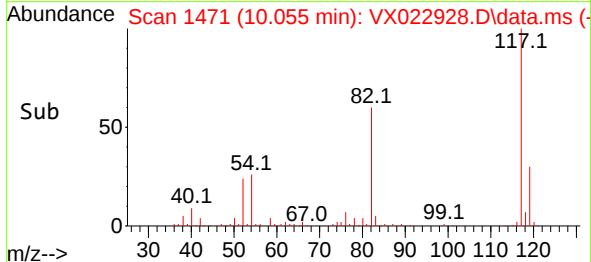
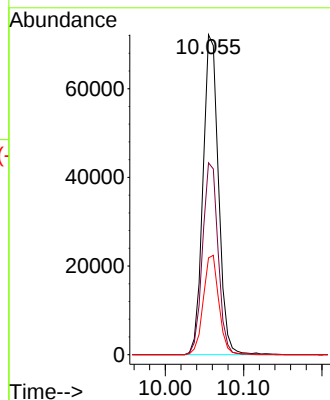
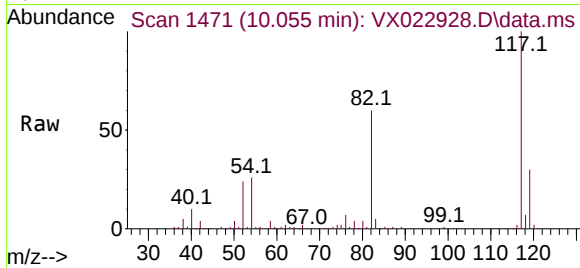




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

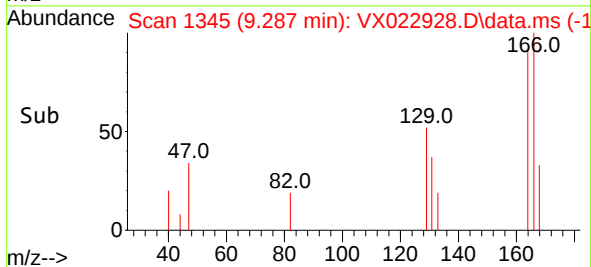
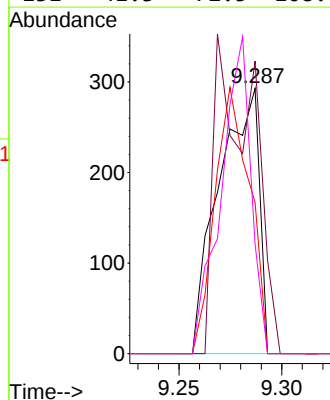
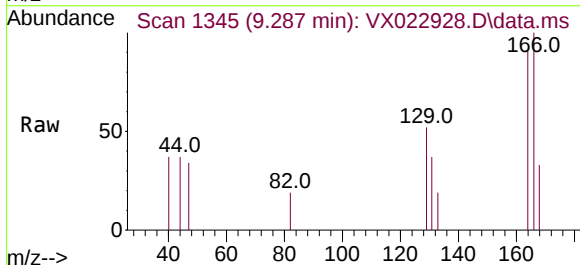
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210621DL

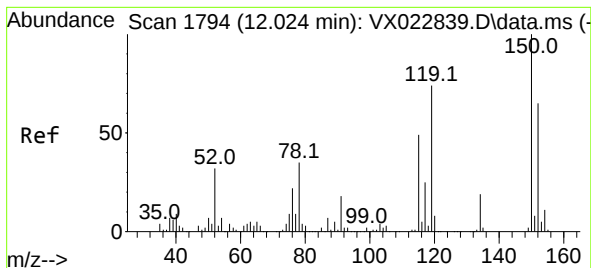
Tgt Ion:117 Resp: 99059
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 30.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.57 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. 0.012 min
Lab File: VX022928.D
Acq: 25 Jun 2021 17:13

Tgt Ion:164 Resp: 399
Ion Ratio Lower Upper
164 100
166 110.2 103.4 155.2
129 57.0 70.8 106.2#
131 41.3 72.5 108.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX022928.D

Acq: 25 Jun 2021 17:13

Tgt Ion:152 Resp: 41822

Ion Ratio Lower Upper

152 100

115 67.0 41.1 123.3

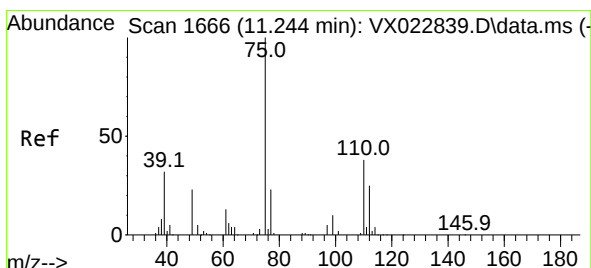
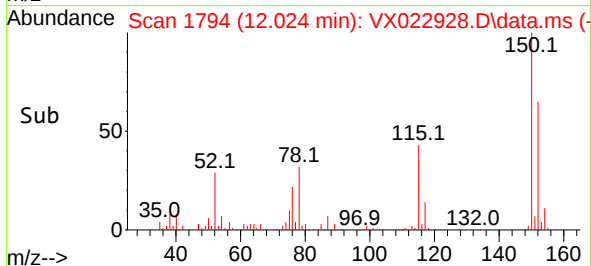
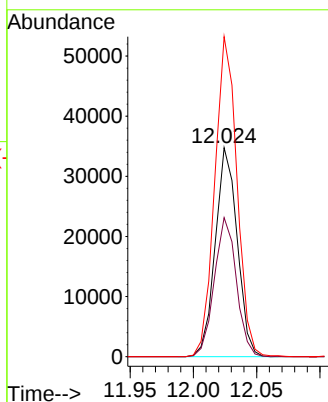
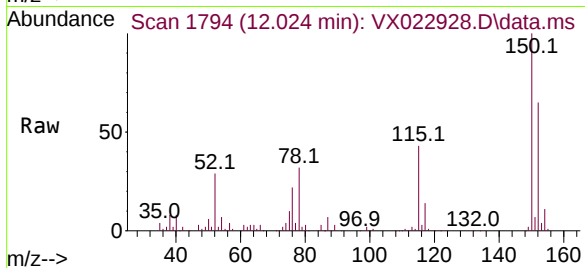
150 155.2 0.0 349.0

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20210621DL



#76

1,2,3-Trichloropropane

Concen: 23.98 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022928.D

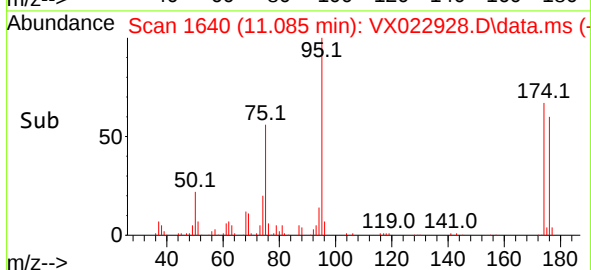
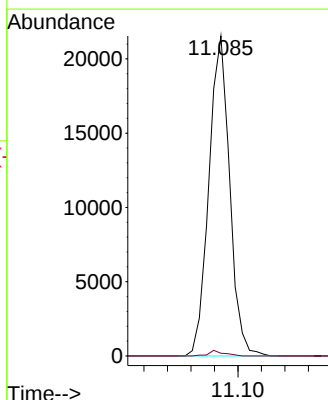
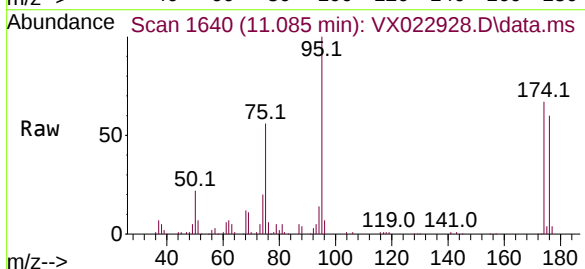
Acq: 25 Jun 2021 17:13

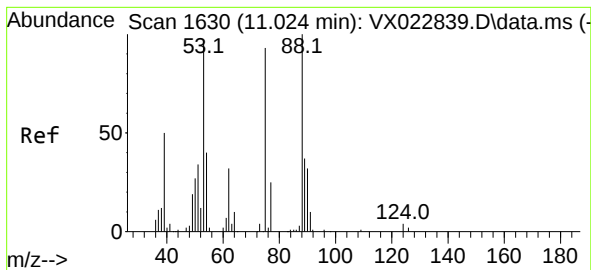
Tgt Ion: 75 Resp: 26491

Ion Ratio Lower Upper

75 100

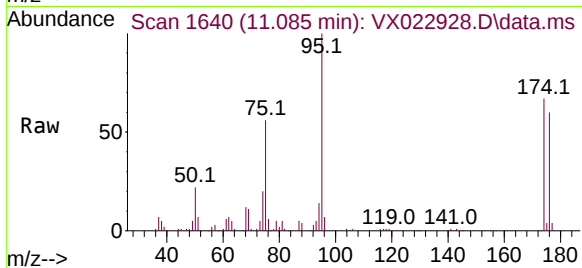
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.85 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022928.D
 Acq: 25 Jun 2021 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210621DL



Tgt Ion: 75 Resp: 26491
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

