

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022934.D
 Acq On : 25 Jun 2021 19:34
 Operator : JC/MD
 Sample : M2838-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20210622DL

Quant Time: Jun 26 03:55:45 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)

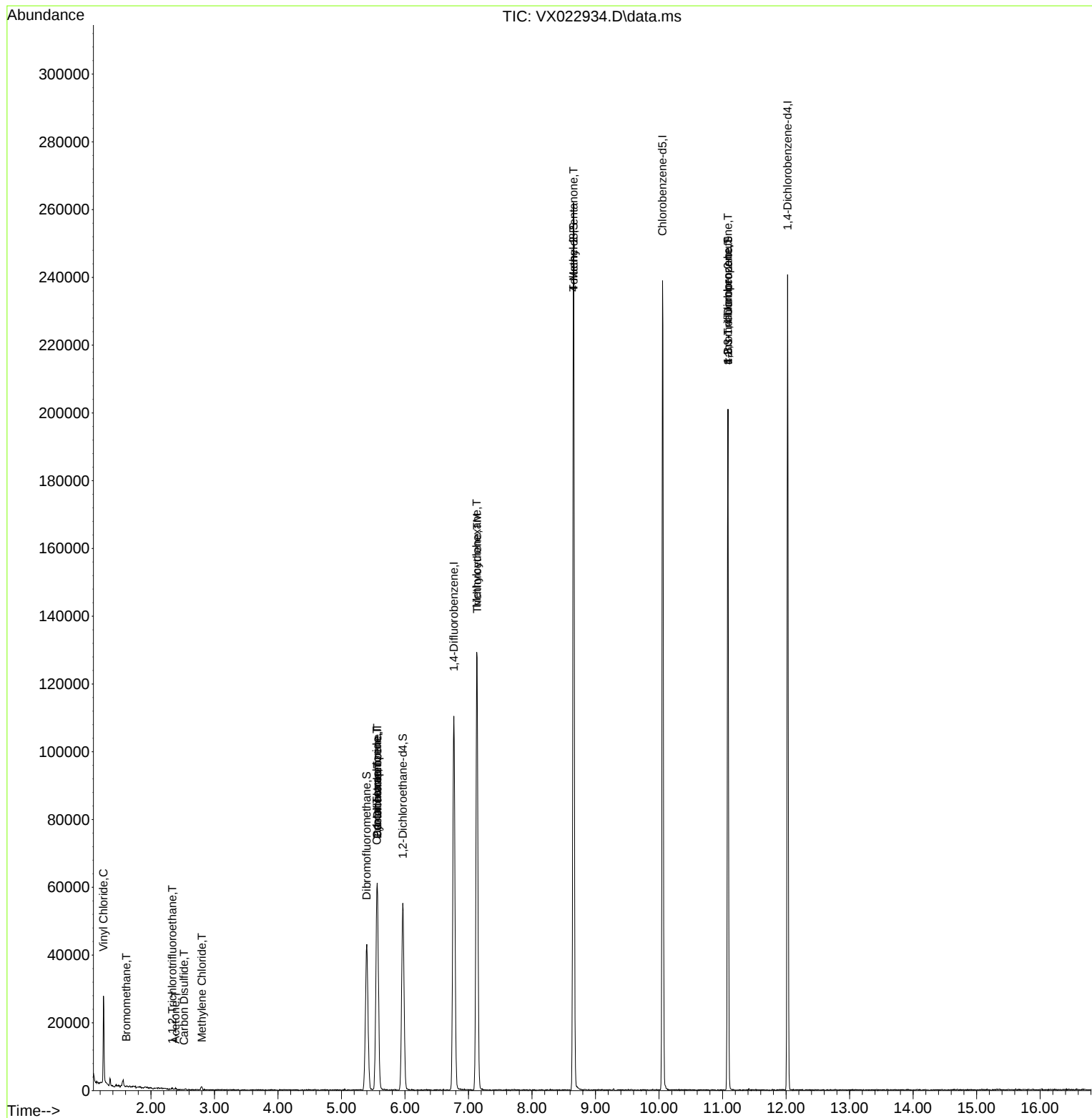
Internal Standards						
1) Pentafluorobenzene	5.562	168	50655	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	105824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51553	56.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.16%
35) Dibromofluoromethane	5.397	113	35560	52.92	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.84%
50) Toluene-d8	8.653	98	143196	54.37	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.74%
62) 4-Bromofluorobenzene	11.085	95	51732	52.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.26%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.252	62	213	0.29	ug/l	# 43
5) Bromomethane	1.611	94	116	0.29	ug/l	# 2
9) 1,1,2-Trichlorotrifluo...	2.337	101	247	0.37	ug/l	# 34
16) Acetone	2.386	43	297	0.73	ug/l	96
17) Carbon Disulfide	2.520	76	53	3.54	ug/l	# 75
20) Methylene Chloride	2.800	84	334	0.78	ug/l	# 62
31) Cyclohexane	5.562	56	1527	1.18	ug/l	# 45
36) 1,1-Dichloropropene	5.562	75	5447	4.85	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	6253	6.63	ug/l	# 16
39) Methylcyclohexane	7.129	83	551	0.42	ug/l	# 1
44) Trichloroethene	7.135	130	43433	56.51	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	780	0.60	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	29384	26.88	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29384	69.66	ug/l	# 12

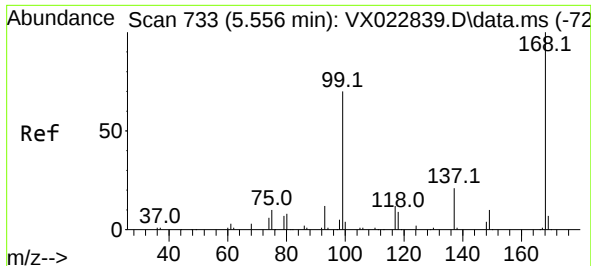
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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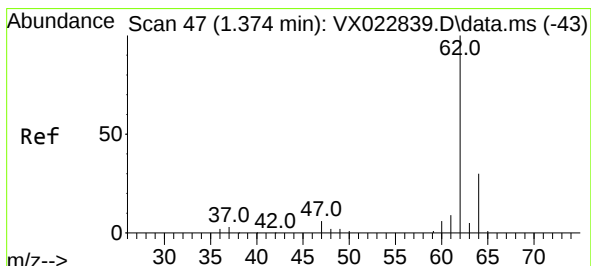
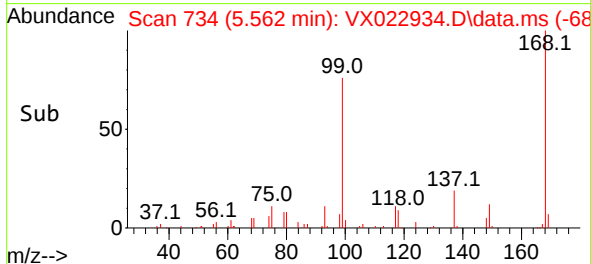
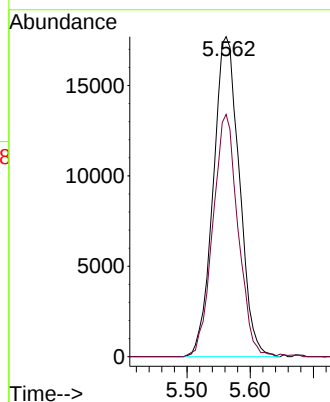
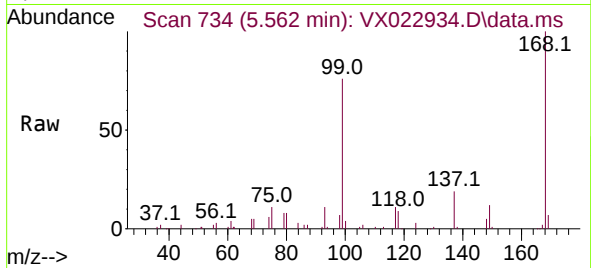




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

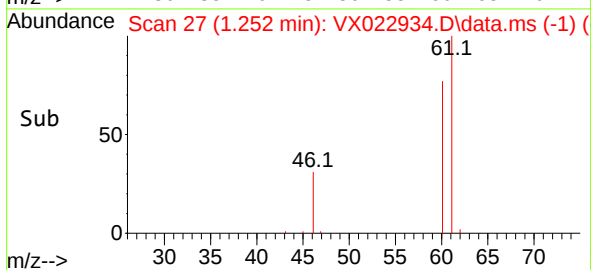
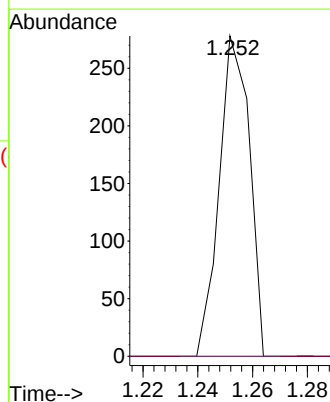
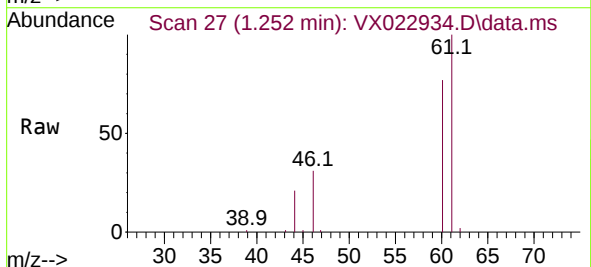
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

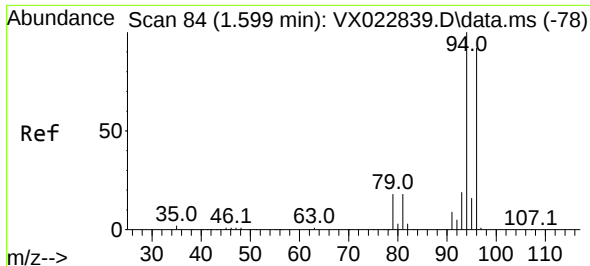
Tgt Ion:168 Resp: 50655
Ion Ratio Lower Upper
168 100
99 75.7 45.8 68.6#



#4
Vinyl Chloride
Concen: 0.29 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion: 62 Resp: 213
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

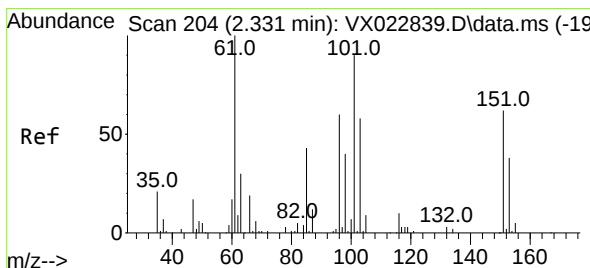
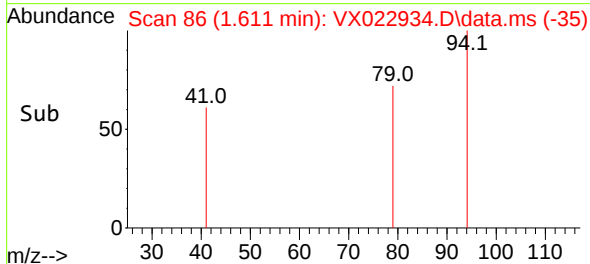
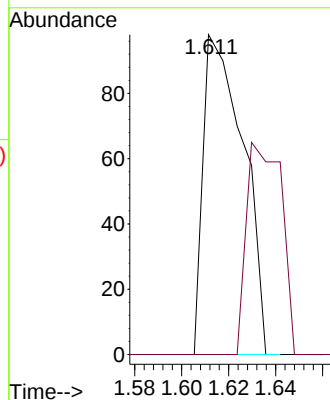
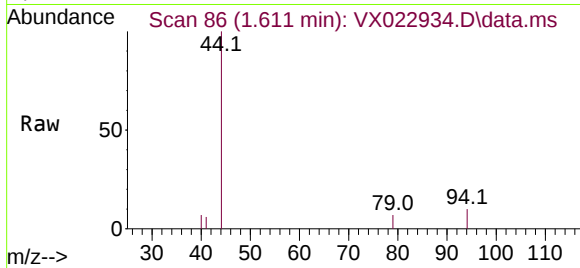




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

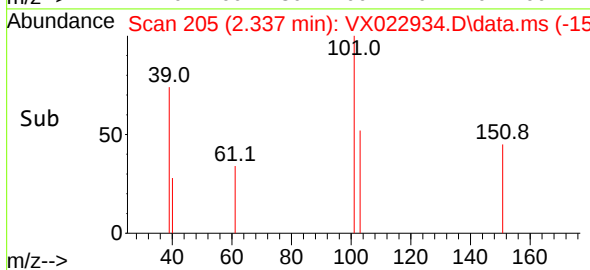
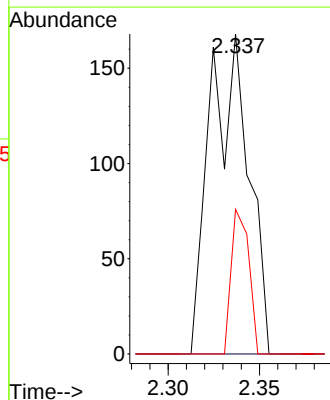
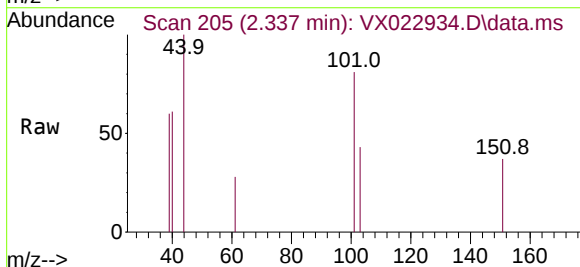
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

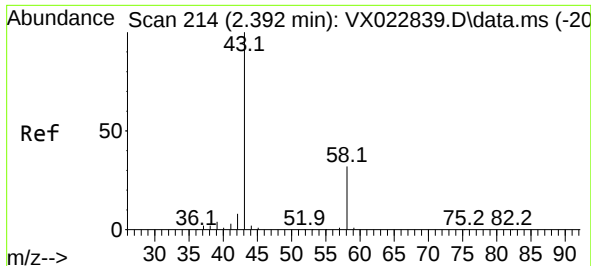
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.37 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion: 101 Resp: 247
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 20.6 61.4 92.2#

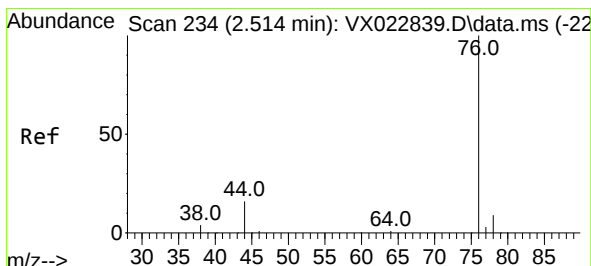
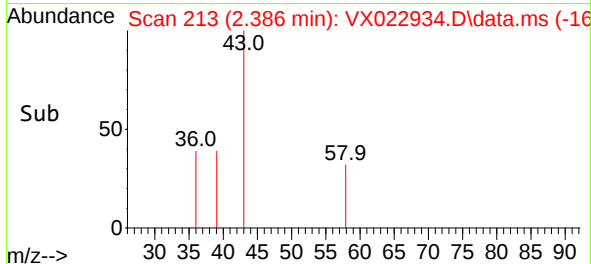
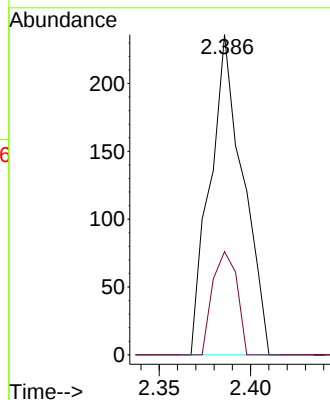
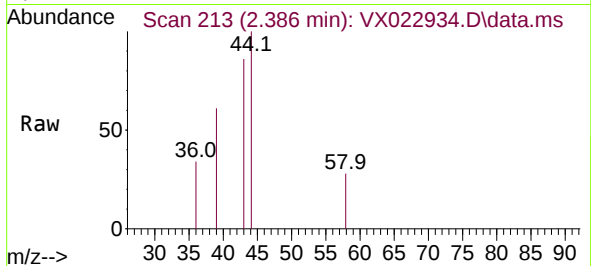




#16
Acetone
Concen: 0.73 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

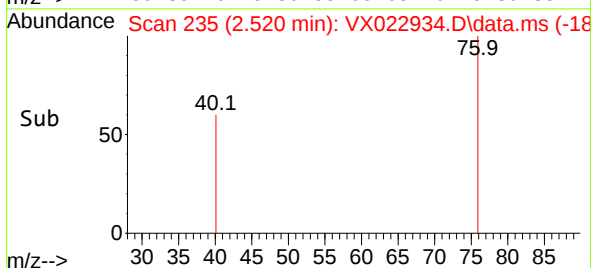
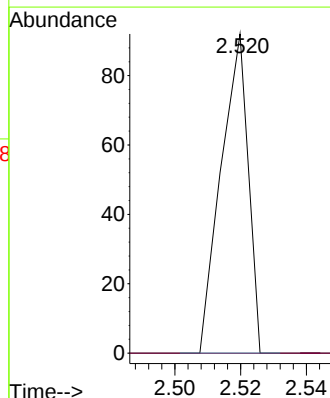
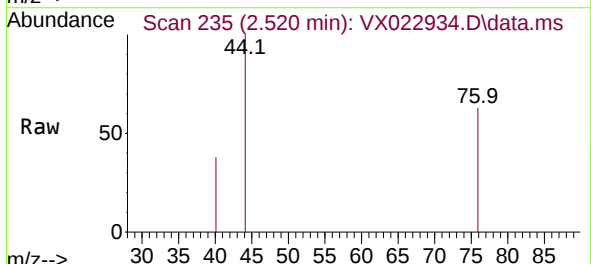
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

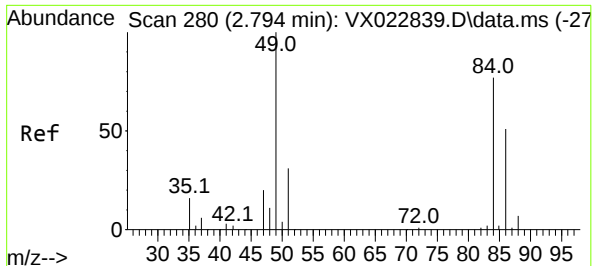
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



#17
Carbon Disulfide
Concen: 3.54 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.78 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022934.D

Acq: 25 Jun 2021 19:34

Tgt Ion: 84 Resp: 334

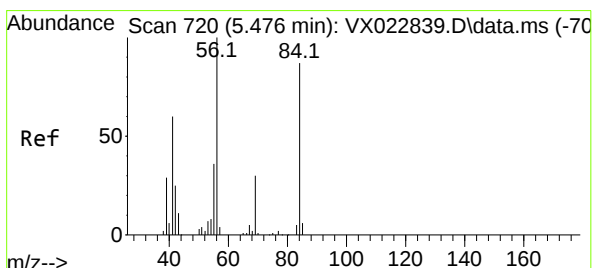
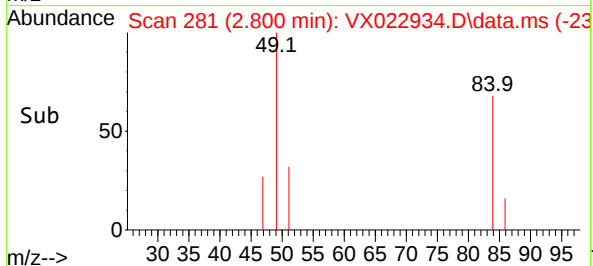
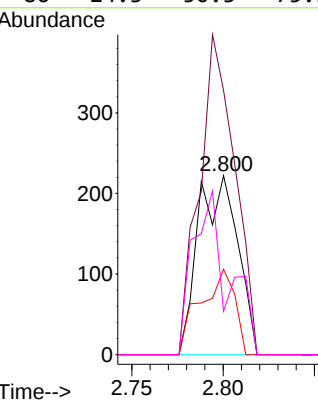
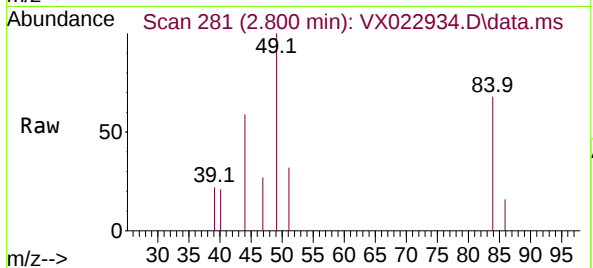
Ion Ratio Lower Upper

84 100

49 147.7 88.6 132.8#

51 47.7 27.0 40.6#

86 24.3 50.3 75.5#



#31

Cyclohexane

Concen: 1.18 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX022934.D

Acq: 25 Jun 2021 19:34

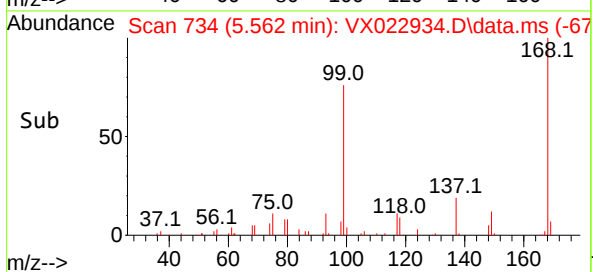
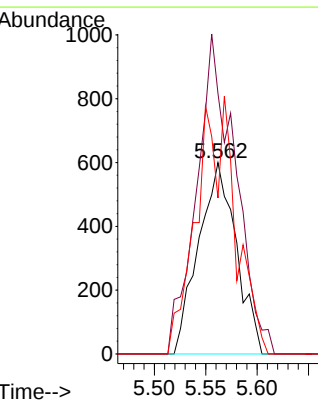
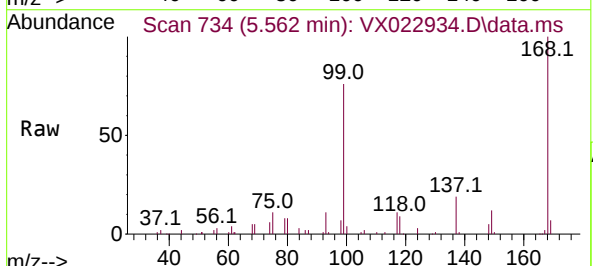
Tgt Ion: 56 Resp: 1527

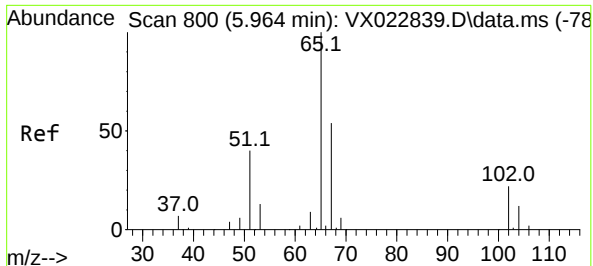
Ion Ratio Lower Upper

56 100

69 136.2 25.3 37.9#

84 81.5 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 56.08 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022934.D

Acq: 25 Jun 2021 19:34

Tgt Ion: 65 Resp: 51553

Ion Ratio Lower Upper

65 100

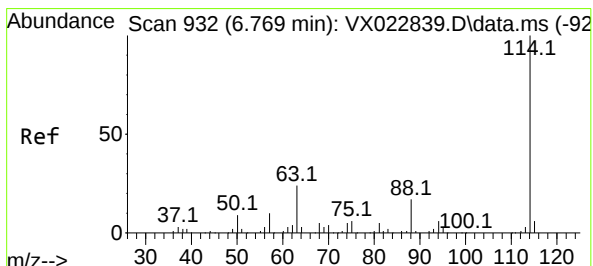
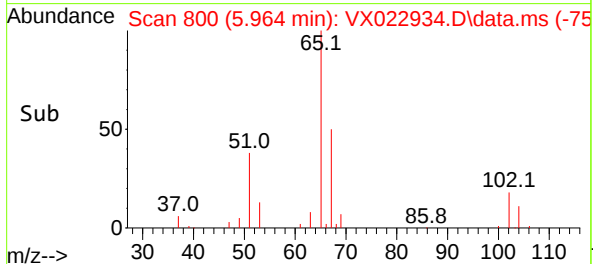
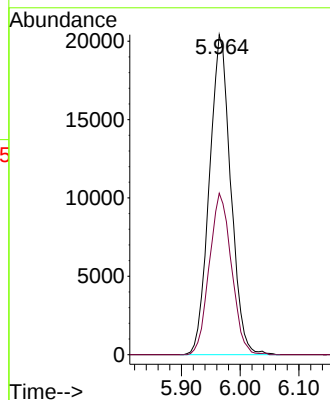
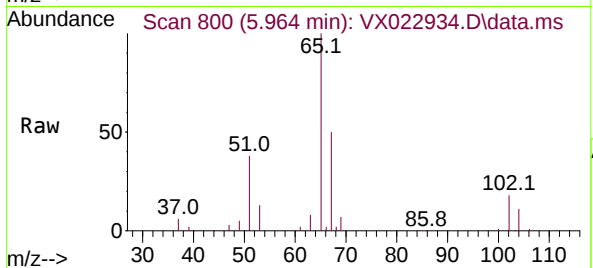
67 52.3 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20210622DL



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022934.D

Acq: 25 Jun 2021 19:34

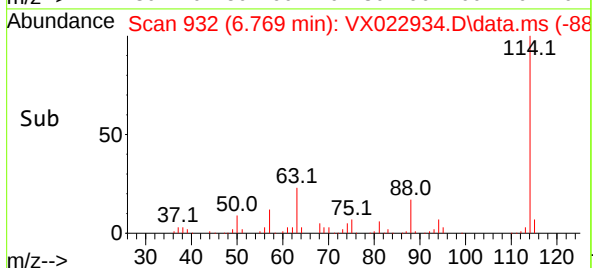
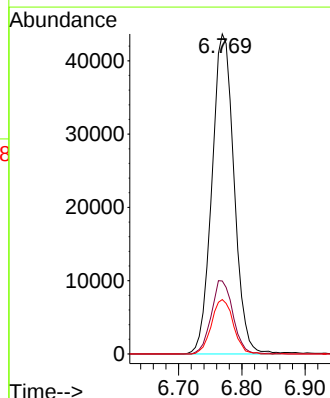
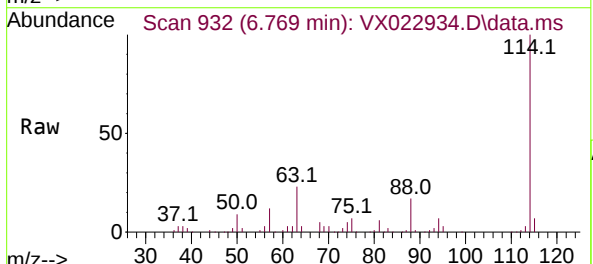
Tgt Ion: 114 Resp: 105824

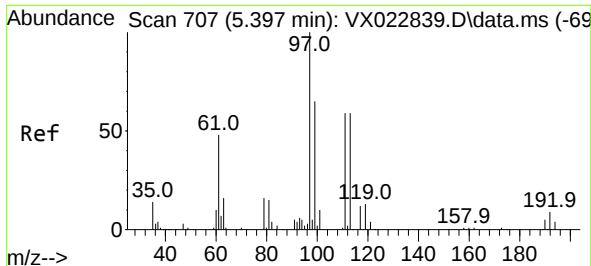
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.8

88 17.0 0.0 32.8

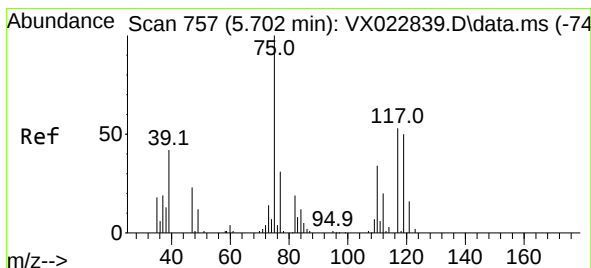
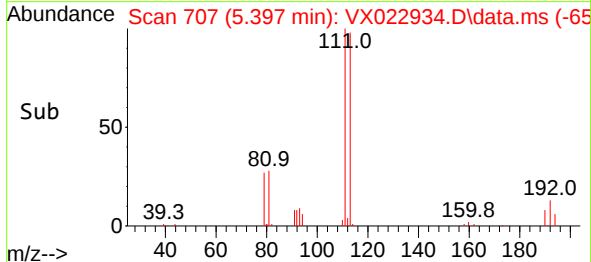
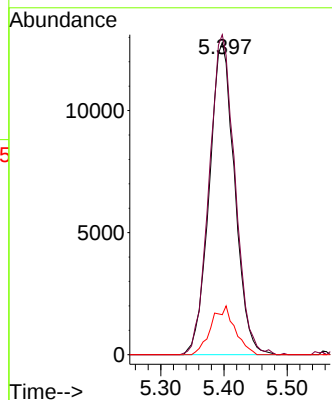
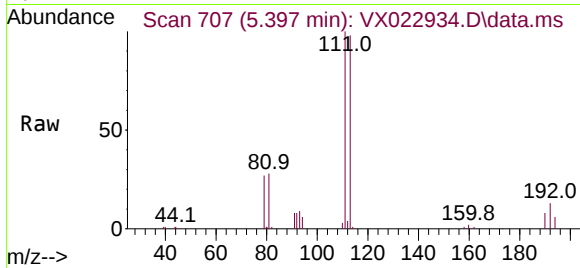




#35
Dibromofluoromethane
Concen: 52.92 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

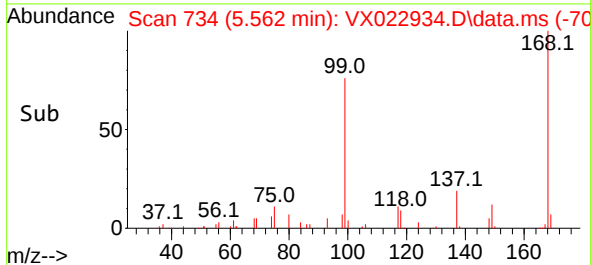
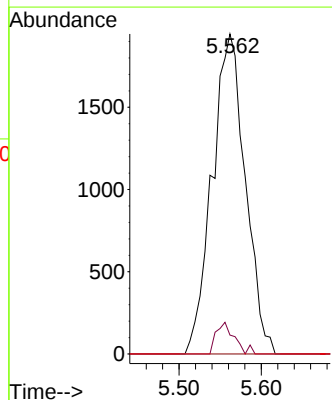
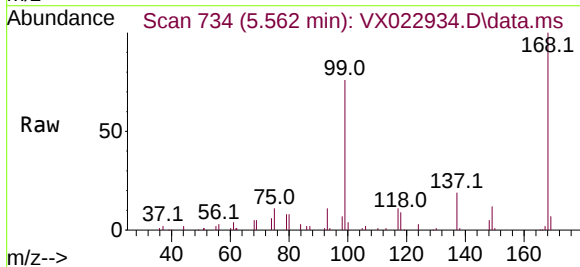
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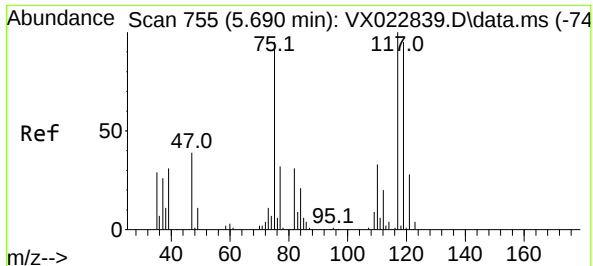
Tgt Ion:113 Resp: 35560
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 14.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

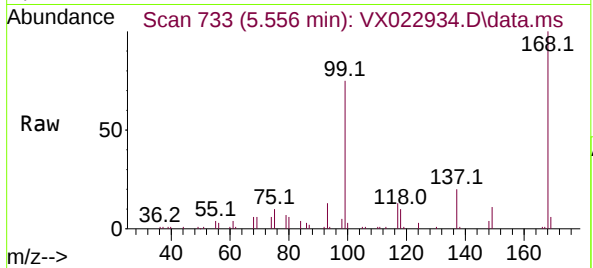
Tgt Ion: 75 Resp: 5447
Ion Ratio Lower Upper
75 100
110 5.5 18.1 54.4#
77 0.0 25.3 37.9#



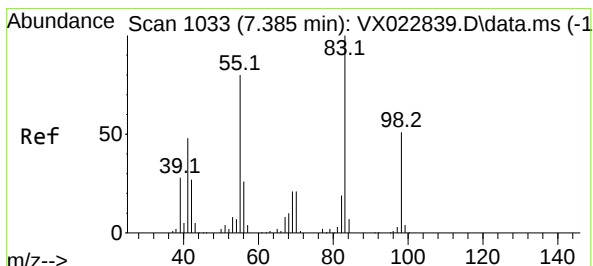
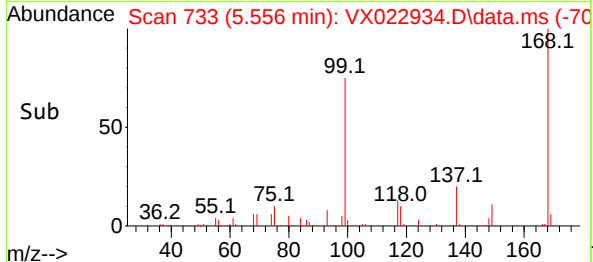
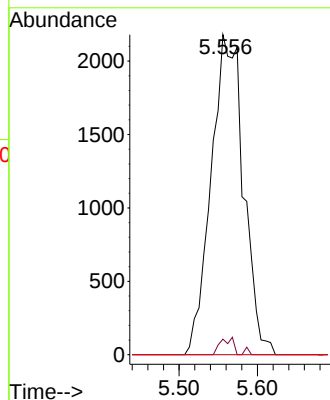


#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

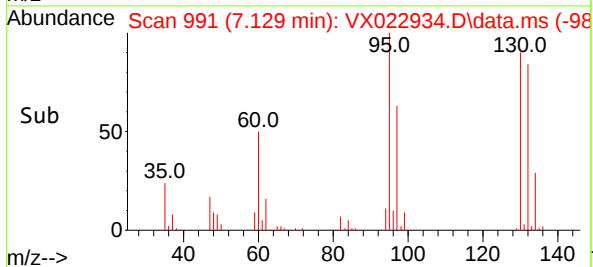
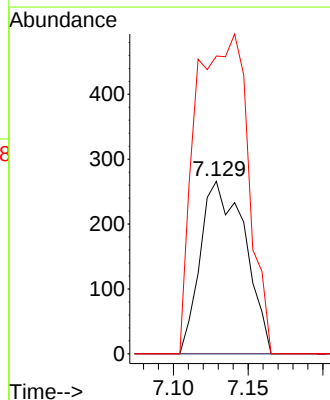
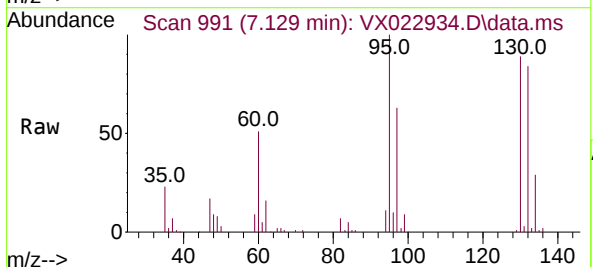


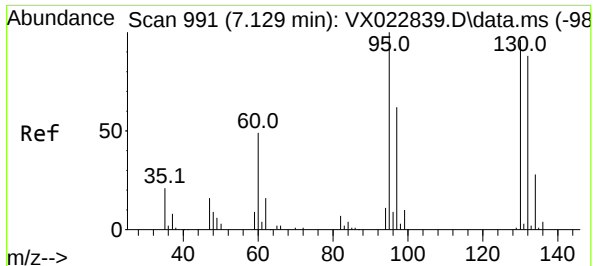
Tgt Ion:117 Resp: 6253
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.42 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion: 83 Resp: 551
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 172.6 38.1 57.1#





#44

Trichloroethene

Concen: 56.51 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022934.D

Acq: 25 Jun 2021 19:34

Tgt Ion:130 Resp: 43433

Ion Ratio Lower Upper

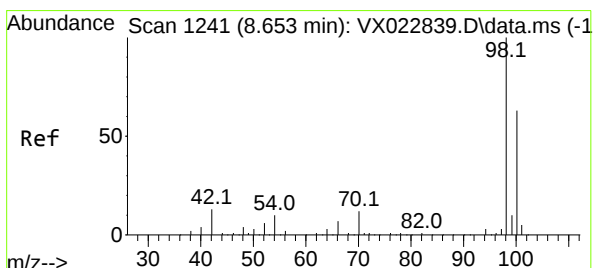
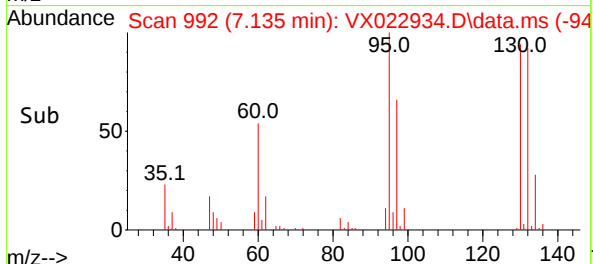
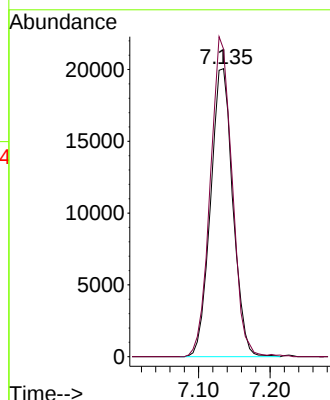
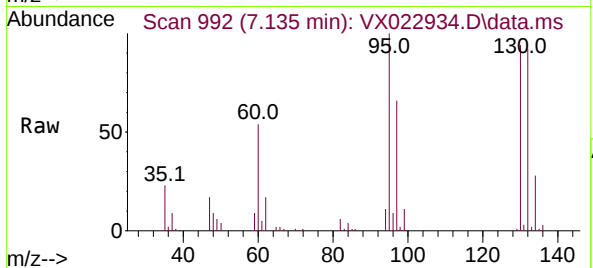
Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	198.0

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20210622DL



#50

Toluene-d8

Concen: 54.37 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

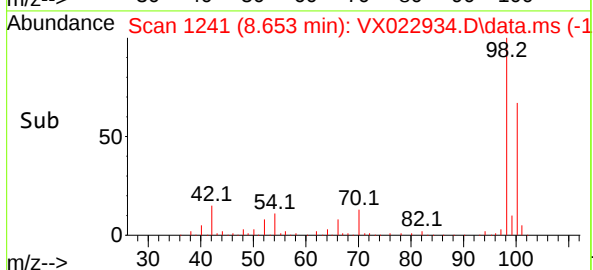
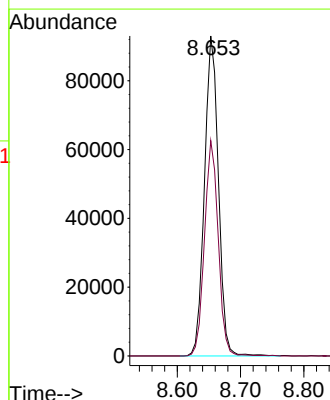
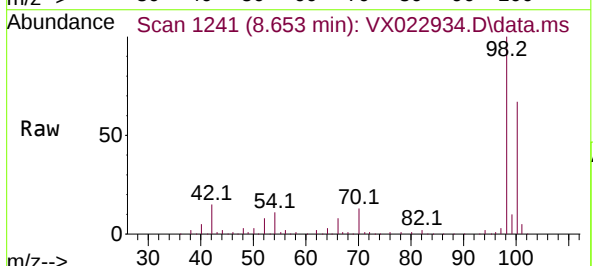
Lab File: VX022934.D

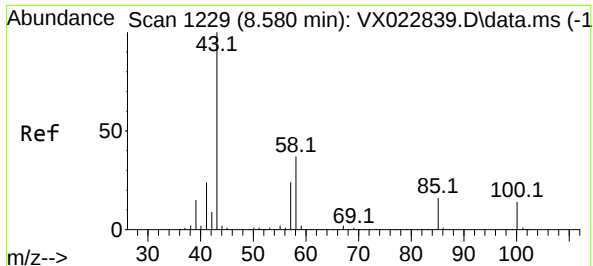
Acq: 25 Jun 2021 19:34

Tgt Ion: 98 Resp: 143196

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9

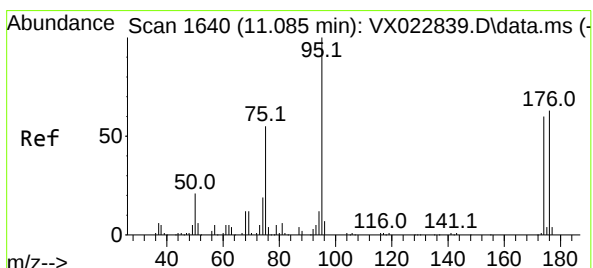
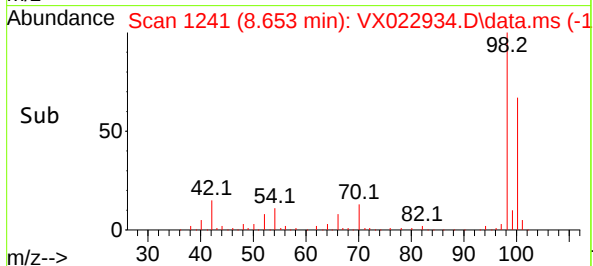
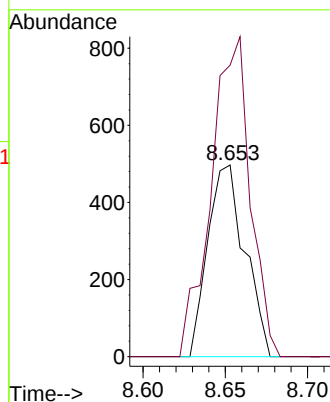
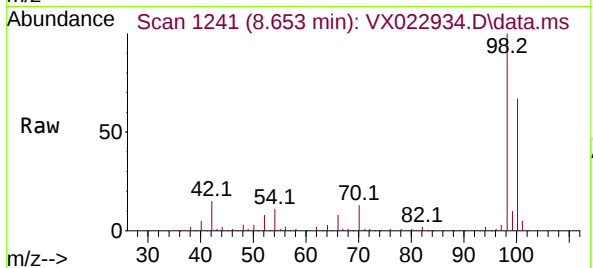




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

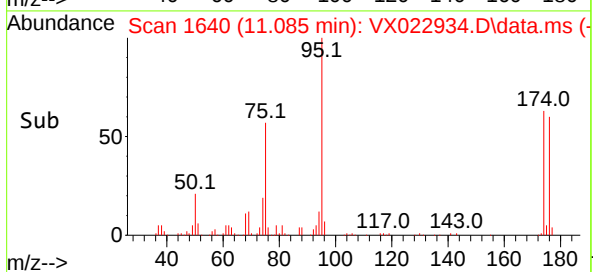
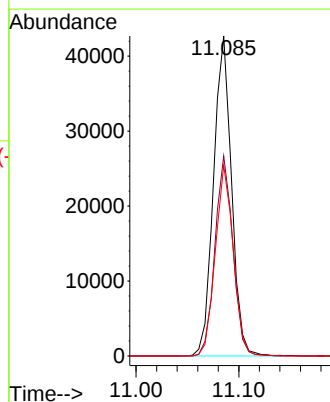
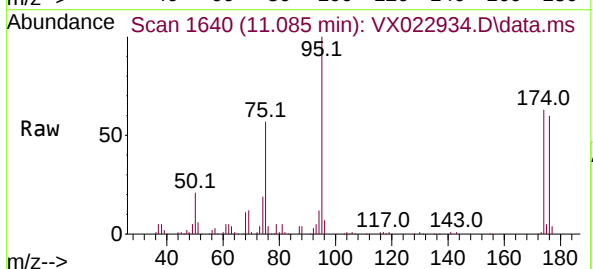
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

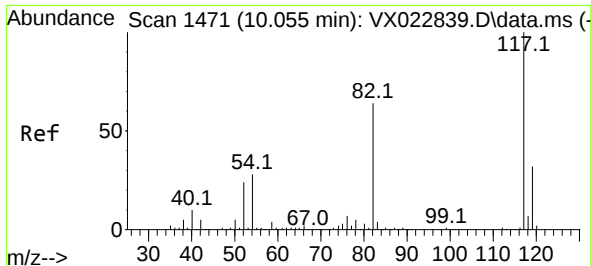
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 175.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion: 95 Resp: 51732
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 59.5 0.0 155.8

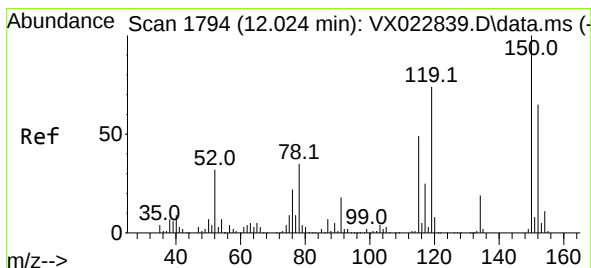
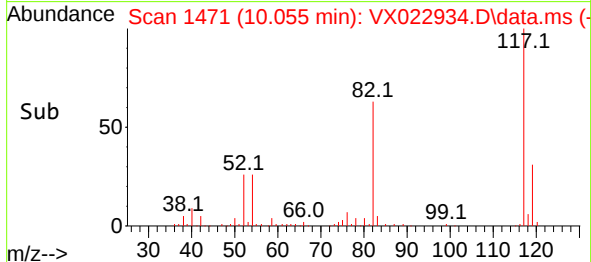
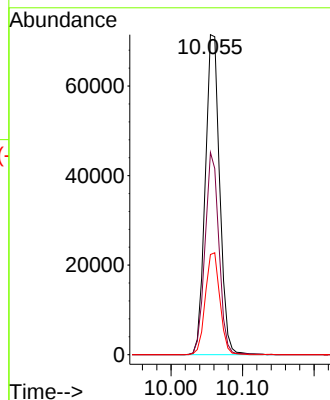
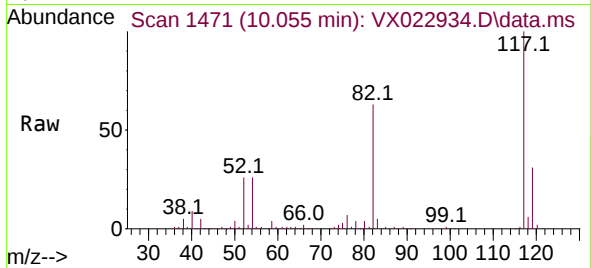




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

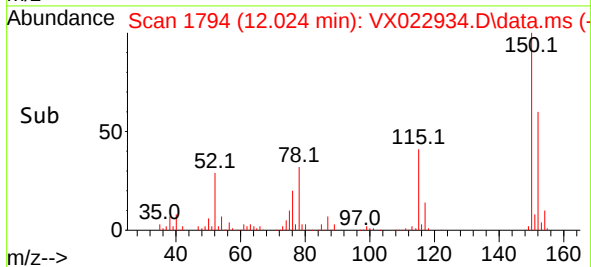
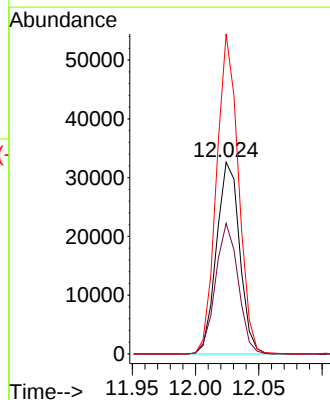
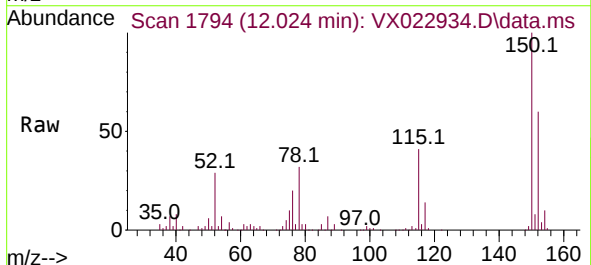
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

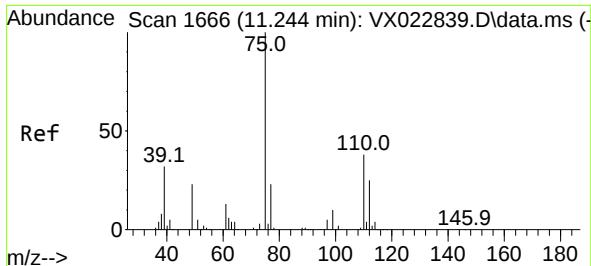
Tgt Ion:117 Resp: 100072
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion:152 Resp: 41387
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 158.1 0.0 349.0

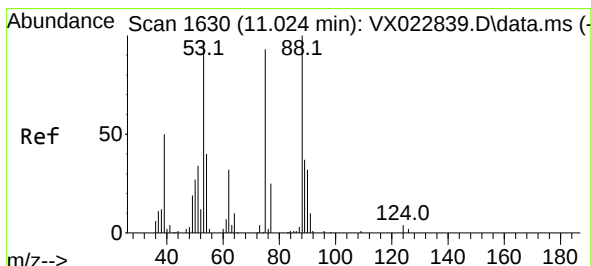
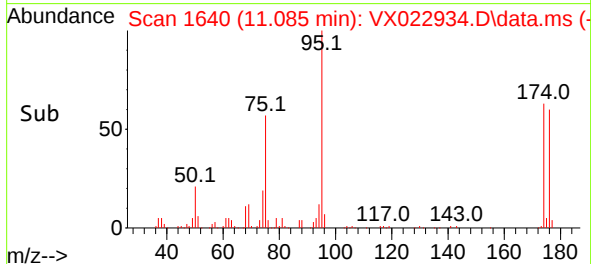
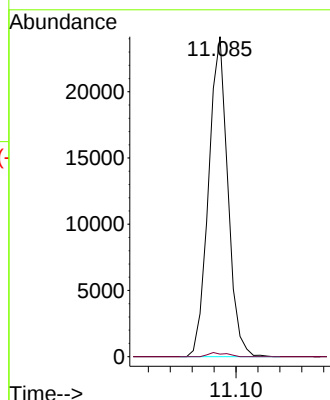
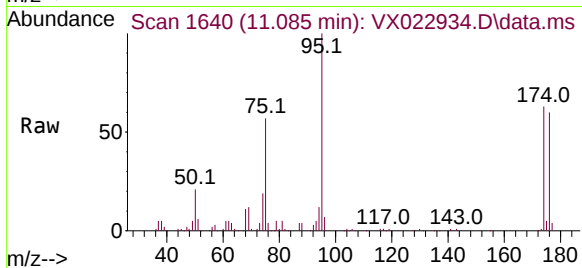




#76
1,2,3-Trichloropropane
Concen: 26.88 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622DL

Tgt Ion: 75 Resp: 29384
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.66 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022934.D
Acq: 25 Jun 2021 19:34

Tgt Ion: 75 Resp: 29384
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

