

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022925.D
 Acq On : 25 Jun 2021 16:03
 Operator : JC/MD
 Sample : M2803-15DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:54:16 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)

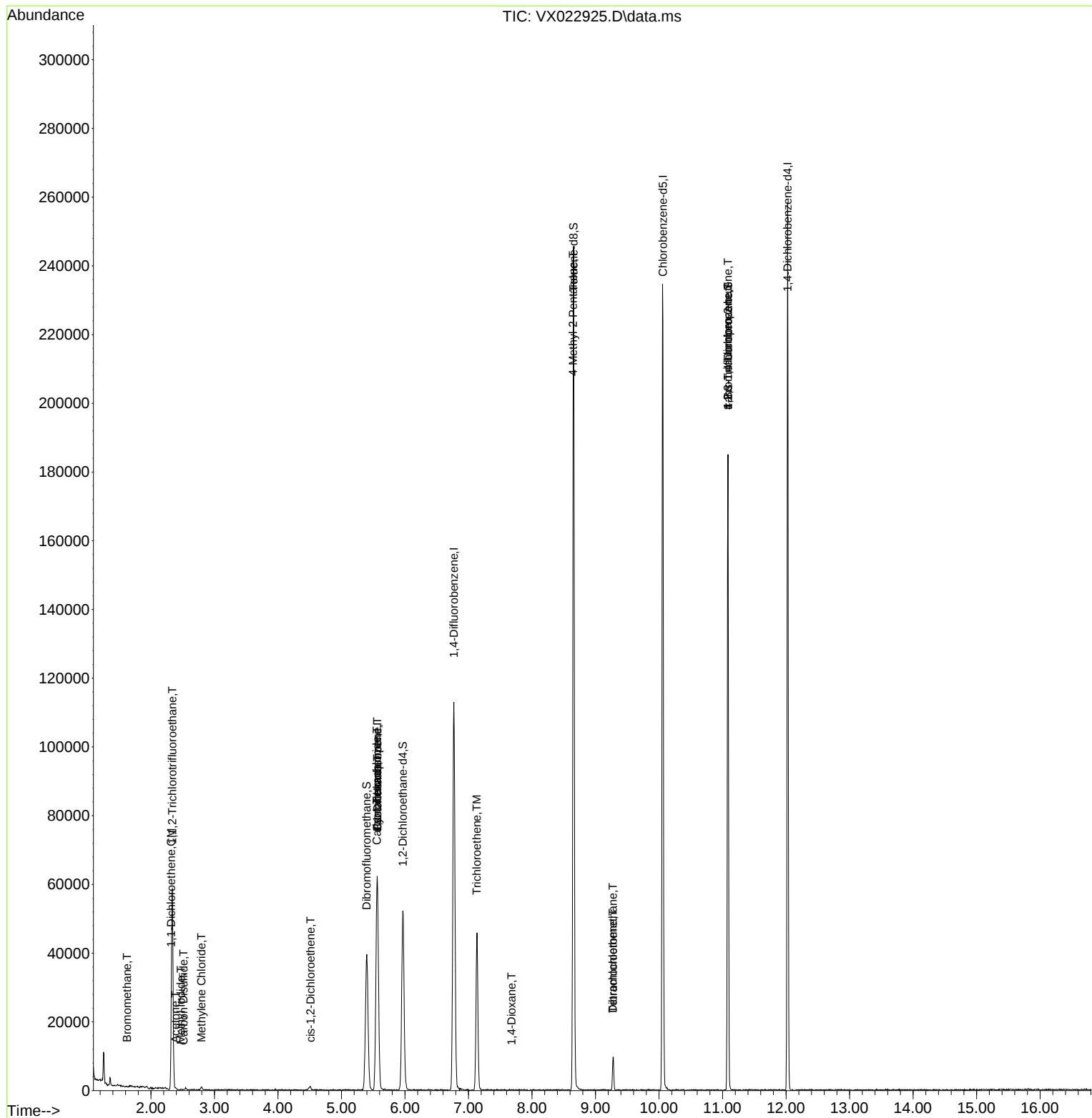
Internal Standards						
1) Pentafluorobenzene	5.562	168	51508	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	100178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47112	50.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.80%
35) Dibromofluoromethane	5.397	113	33716	49.32	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.64%
50) Toluene-d8	8.653	98	134303	50.13	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.26%
62) 4-Bromofluorobenzene	11.085	95	49523	49.53	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.06%
Target Compounds						Qvalue
5) Bromomethane	1.624	94	95	0.23	ug/l	# 53
9) 1,1,2-Trichlorotrifluo...	2.337	101	23840	35.59	ug/l	89
10) Methyl Iodide	2.471	142	84	3.98	ug/l	# 42
12) 1,1-Dichloroethene	2.319	96	248	0.37	ug/l	# 62
16) Acetone	2.386	43	400	0.97	ug/l	# 40
17) Carbon Disulfide	2.514	76	55	3.54	ug/l	# 75
20) Methylene Chloride	2.794	84	503	0.98	ug/l	# 89
27) cis-1,2-Dichloroethene	4.513	96	519	0.63	ug/l	83
31) Cyclohexane	5.562	56	1734	1.31	ug/l	# 46
36) 1,1-Dichloropropene	5.562	75	5208	4.55	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	6046	6.30	ug/l	# 16
44) Trichloroethene	7.129	130	15180	19.41	ug/l	92
49) 1,4-Dioxane	7.677	88	49	2.31	ug/l	# 24
51) 4-Methyl-2-Pentanone	8.647	43	802	0.61	ug/l	# 1
60) Dibromochloromethane	9.275	129	1606	5.55	ug/l	# 11
64) Tetrachloroethene	9.275	164	1494	2.12	ug/l	# 88
76) 1,2,3-Trichloropropane	11.085	75	27629	23.77	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27629	62.35	ug/l	# 12

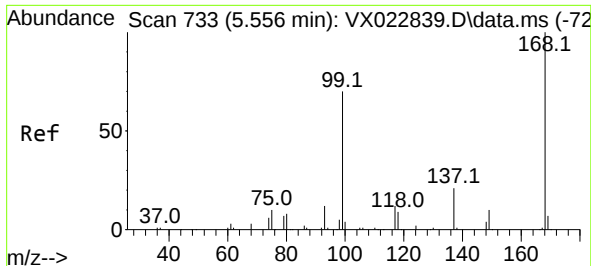
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

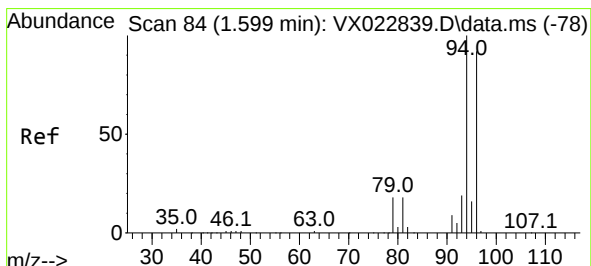
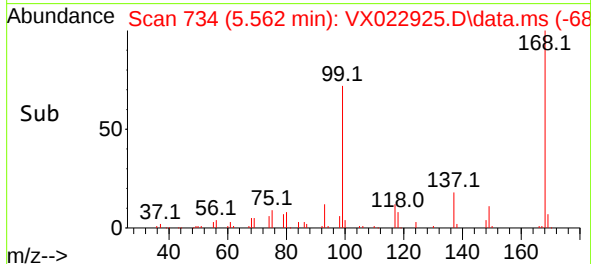
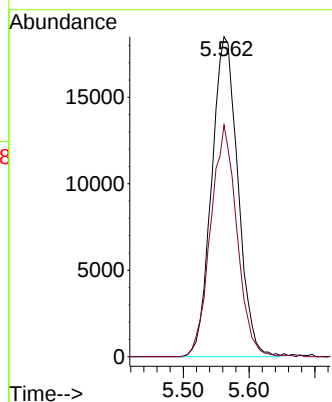
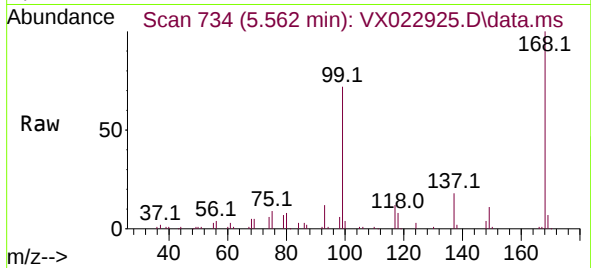




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

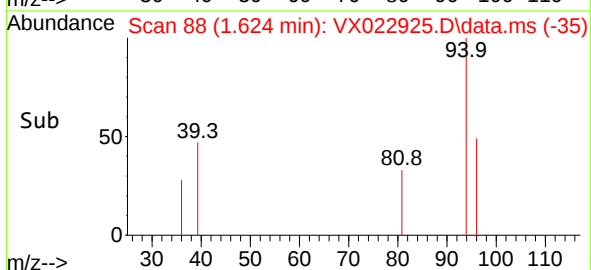
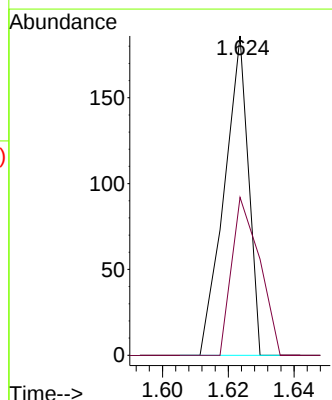
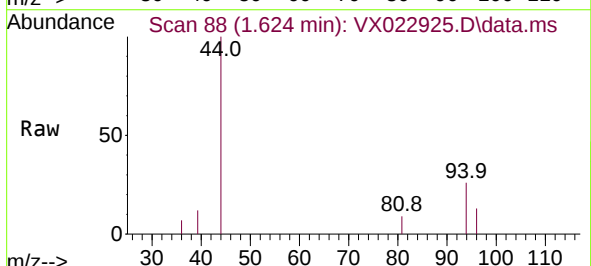
Instrument :
MSVOA_X
ClientSampled :

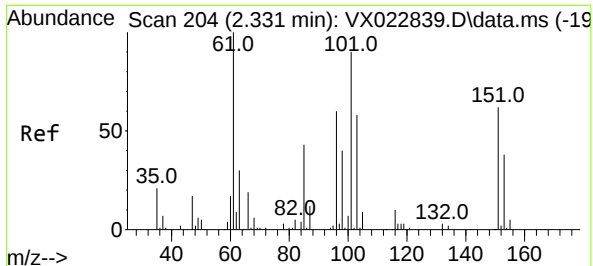
Tgt Ion:168 Resp: 51508
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 49.5 76.4 114.6#

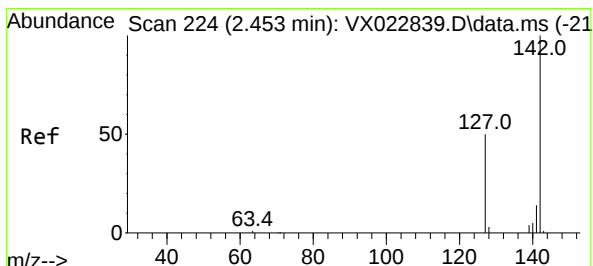
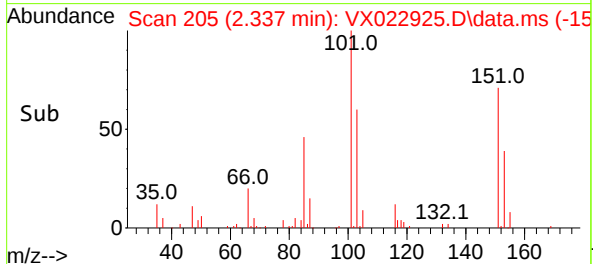
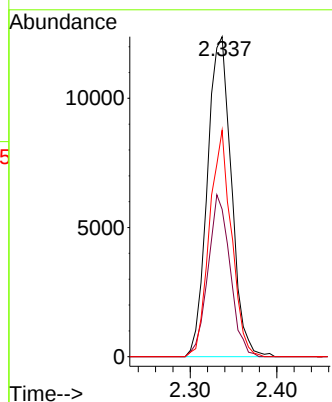
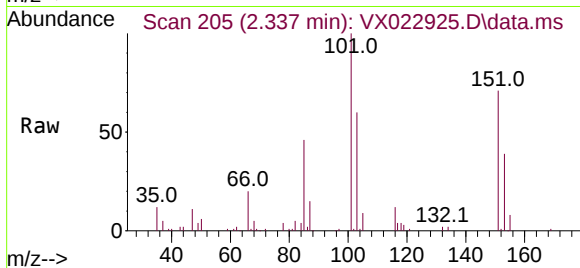




#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.59 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

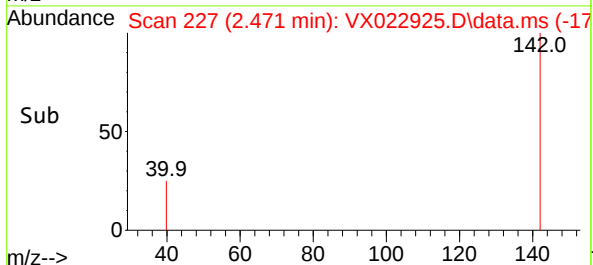
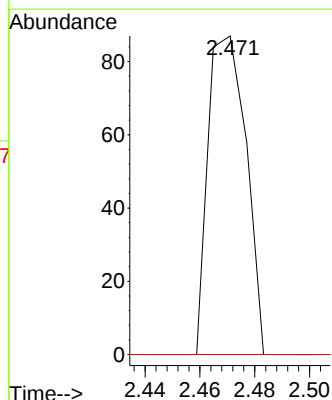
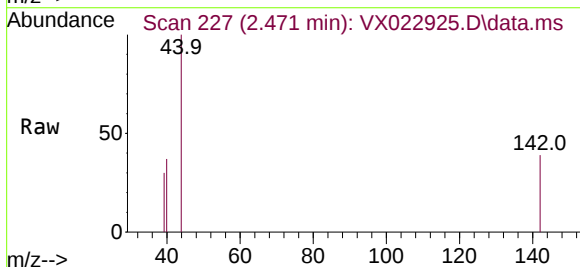
Instrument :
MSVOA_X
ClientSampled :

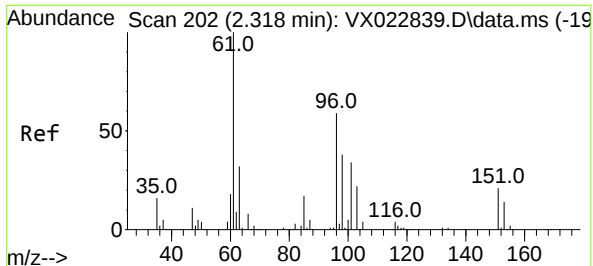
Tgt Ion:101 Resp: 23840
Ion Ratio Lower Upper
101 100
85 46.5 34.9 52.3
151 64.7 61.4 92.2



#10
Methyl Iodide
Concen: 3.98 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion:142 Resp: 84
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.37 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX022925.D

Acq: 25 Jun 2021 16:03

Tgt Ion: 96 Resp: 248

Ion Ratio Lower Upper

96 100

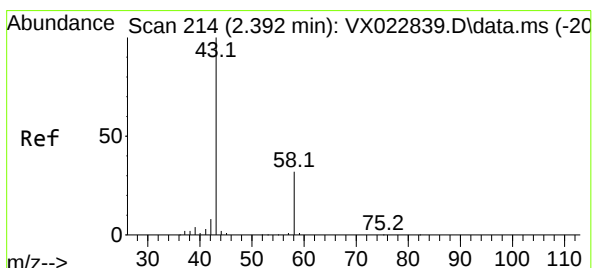
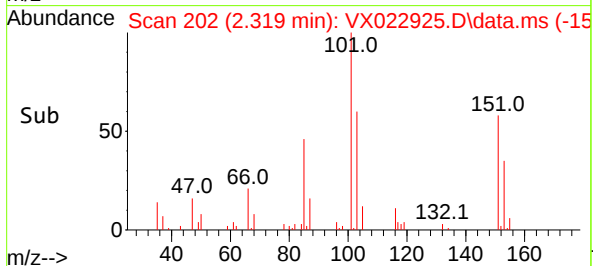
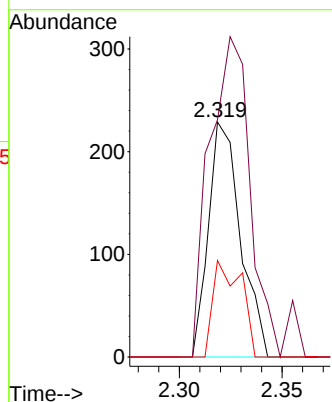
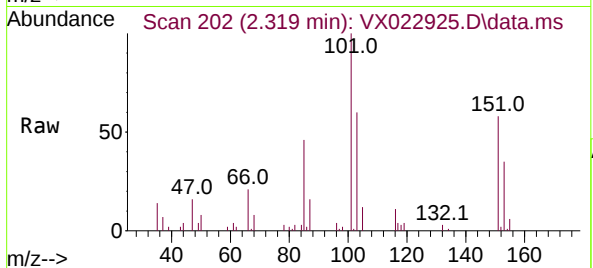
61 100.9 124.6 187.0#

98 41.0 50.6 76.0#

Instrument :

MSVOA_X

ClientSampled :



#16

Acetone

Concen: 0.97 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022925.D

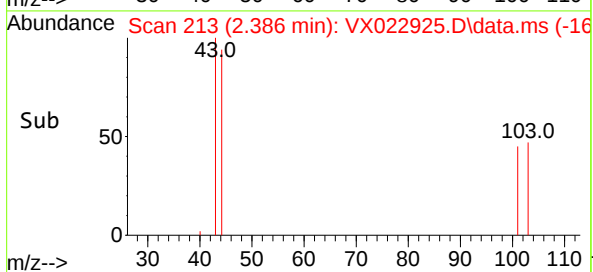
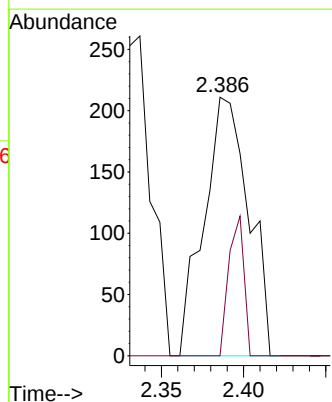
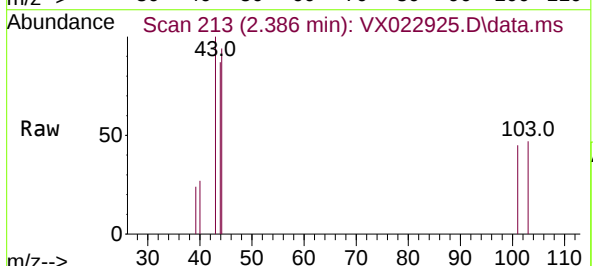
Acq: 25 Jun 2021 16:03

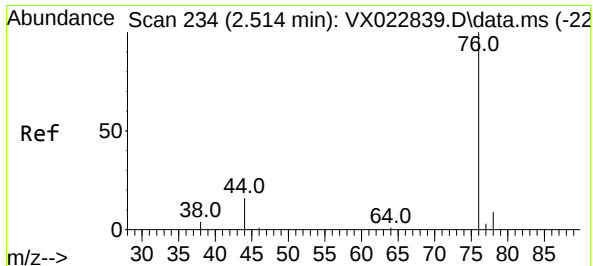
Tgt Ion: 43 Resp: 400

Ion Ratio Lower Upper

43 100

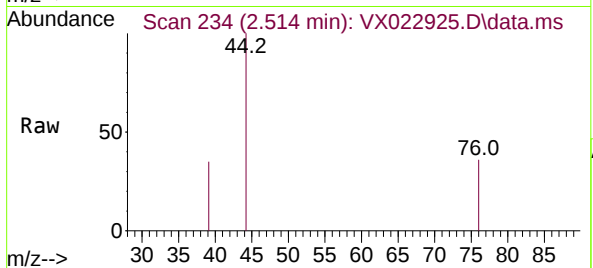
58 0.0 27.8 41.8#



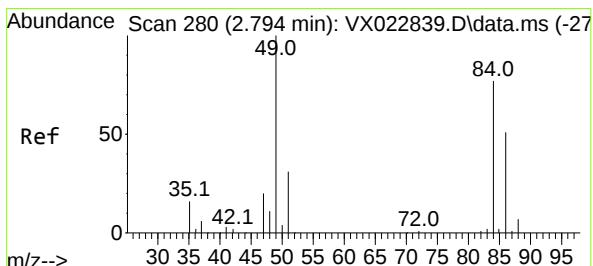
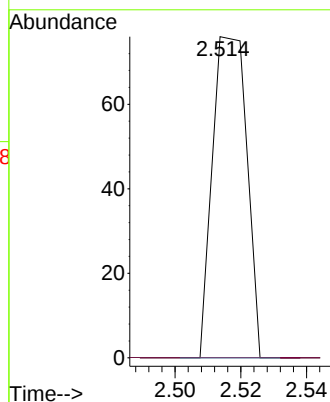
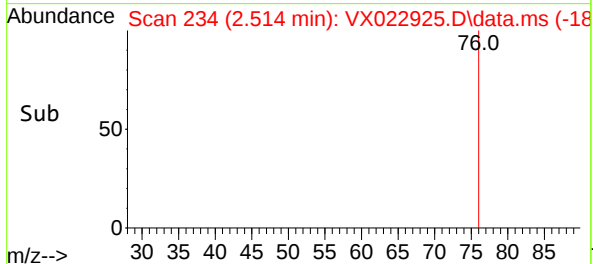


#17
Carbon Disulfide
Concen: 3.54 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

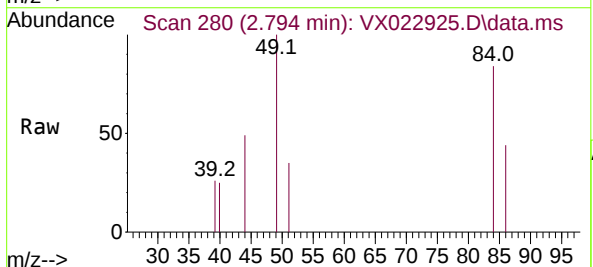
Instrument :
MSVOA_X
ClientSampled :



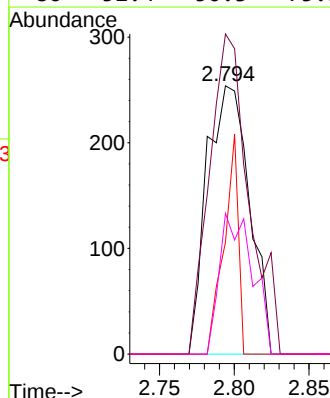
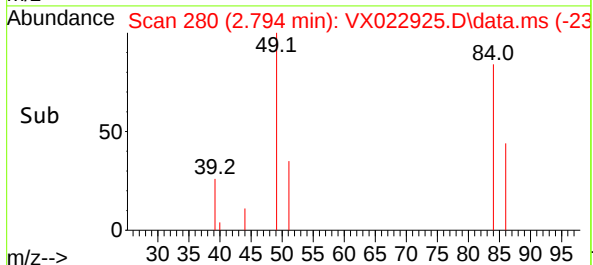
Tgt Ion: 76 Resp: 55
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

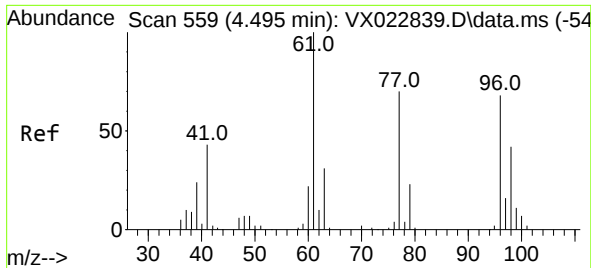


#20
Methylene Chloride
Concen: 0.98 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03



Tgt Ion: 84 Resp: 503
Ion Ratio Lower Upper
84 100
49 119.3 88.6 132.8
51 41.7 27.0 40.6#
86 52.4 50.3 75.5

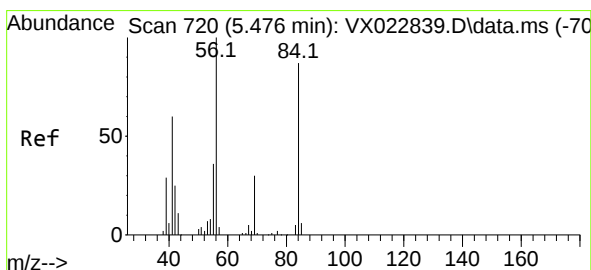
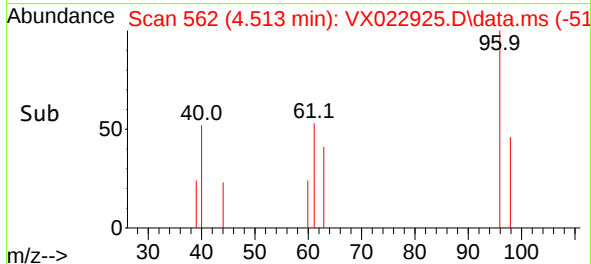
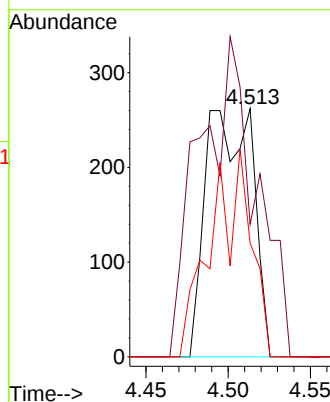
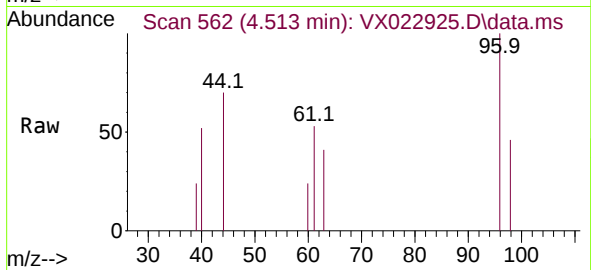




#27
cis-1,2-Dichloroethene
Concen: 0.63 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.018 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

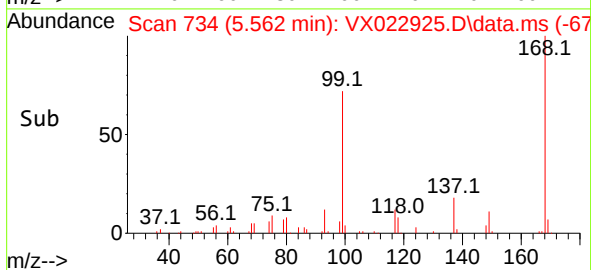
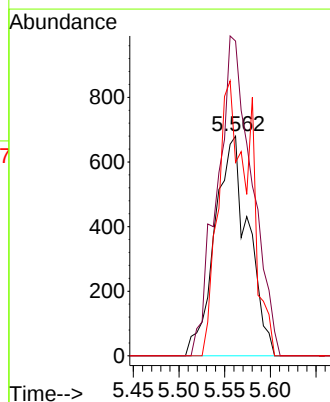
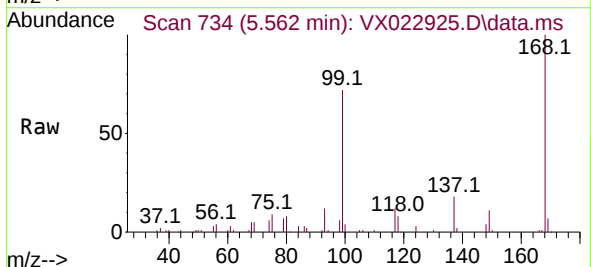
Instrument :
MSVOA_X
ClientSampled :

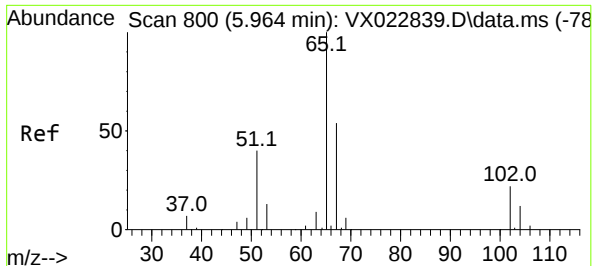
Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 154.7 0.0 285.6
98 39.9 0.0 129.6



#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion: 56 Resp: 1734
Ion Ratio Lower Upper
56 100
69 143.2 25.3 37.9#
84 88.1 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 50.40 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022925.D

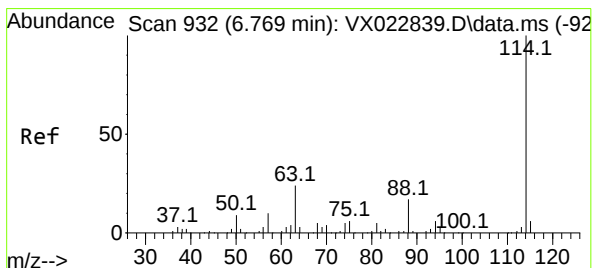
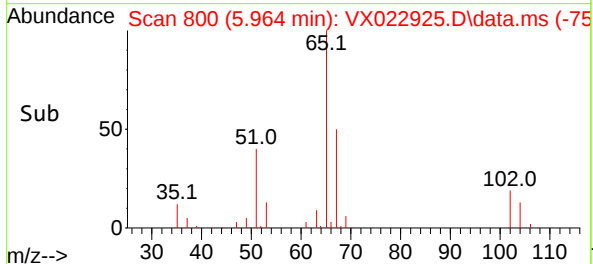
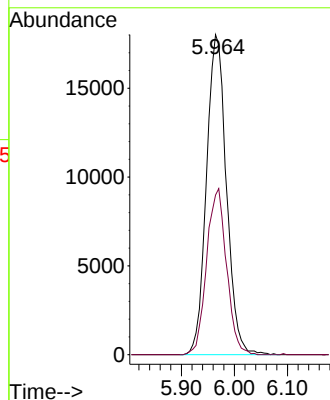
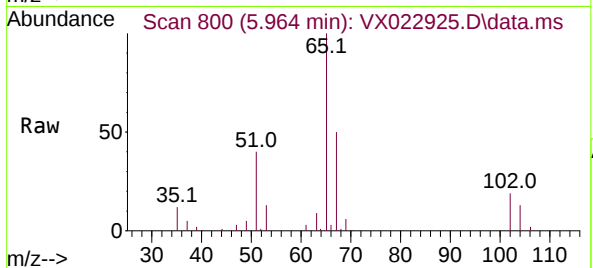
Acq: 25 Jun 2021 16:03

Tgt Ion: 65 Resp: 47112

Ion Ratio Lower Upper

65 100

67 51.8 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: VX022925.D

Acq: 25 Jun 2021 16:03

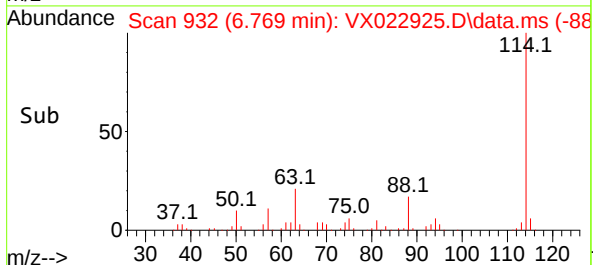
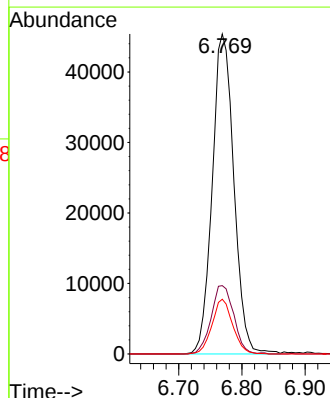
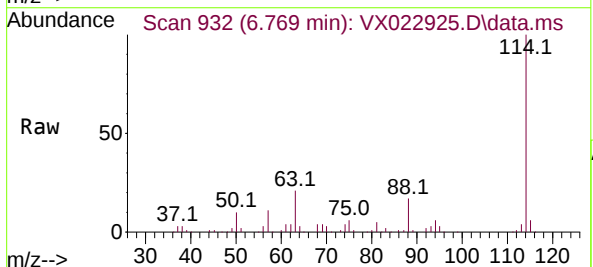
Tgt Ion: 114 Resp: 107648

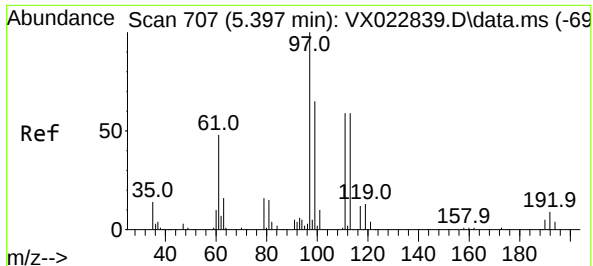
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.32 ug/l

RT: 5.397 min Scan# 707

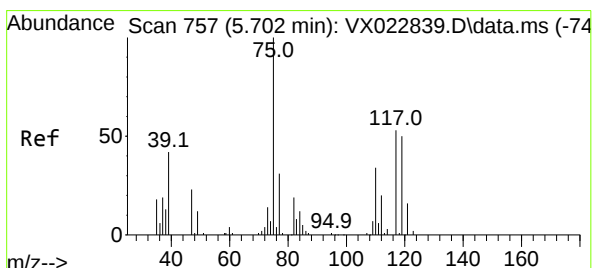
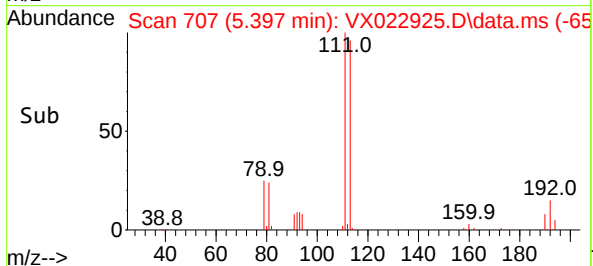
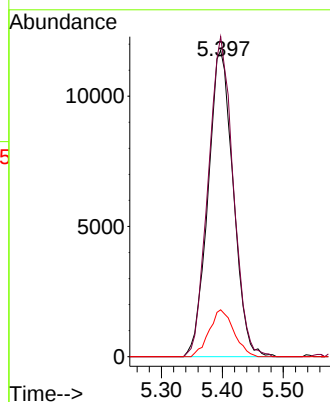
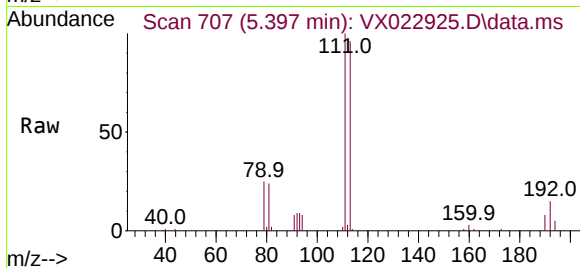
Delta R.T. 0.000 min

Lab File: VX022925.D

Acq: 25 Jun 2021 16:03

Tgt Ion:	113	Resp:	33716
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	15.0	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.55 ug/l

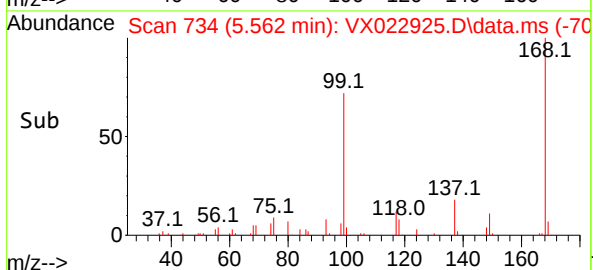
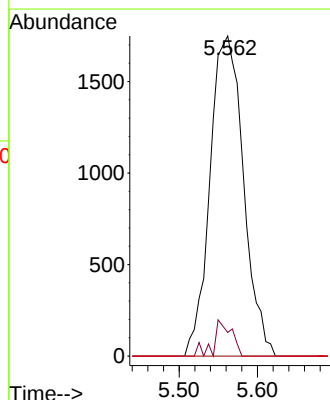
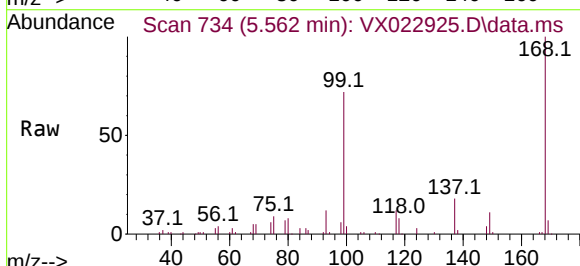
RT: 5.562 min Scan# 734

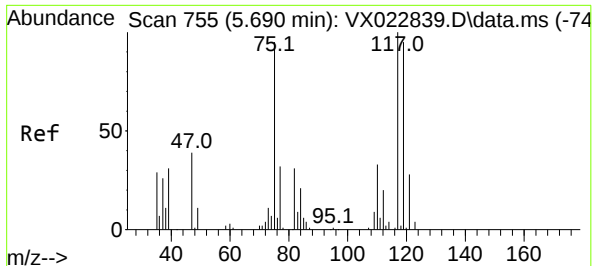
Delta R.T. -0.140 min

Lab File: VX022925.D

Acq: 25 Jun 2021 16:03

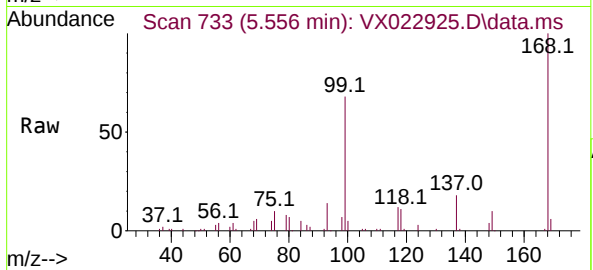
Tgt Ion:	75	Resp:	5208
Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.1	54.4#
77	0.0	25.3	37.9#



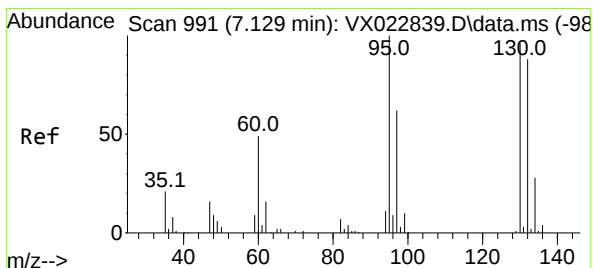
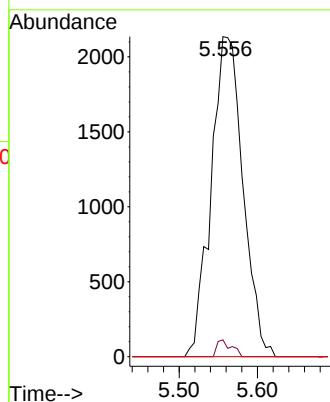
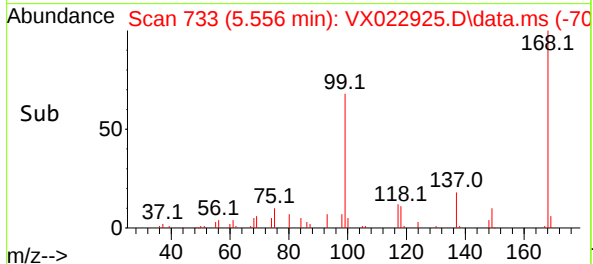


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

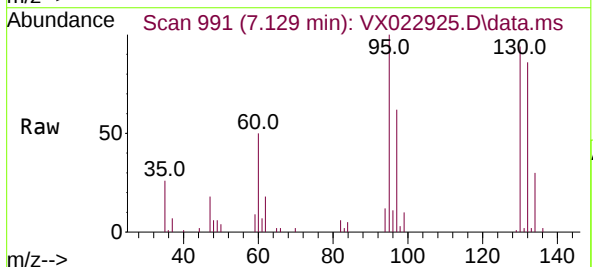
Instrument :
MSVOA_X
ClientSampled :



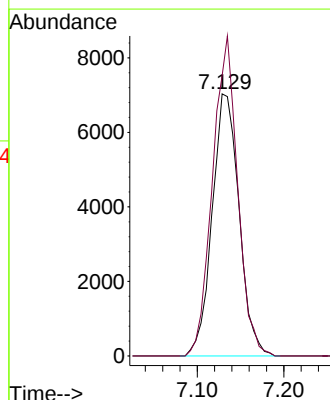
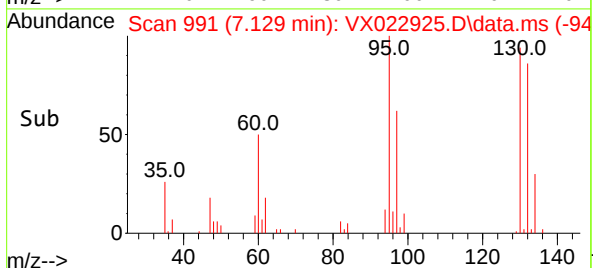
Tgt Ion:117 Resp: 6046
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

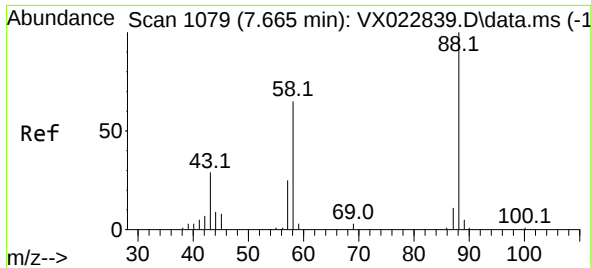


#44
Trichloroethene
Concen: 19.41 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03



Tgt Ion:130 Resp: 15180
Ion Ratio Lower Upper
130 100
95 106.9 0.0 198.0

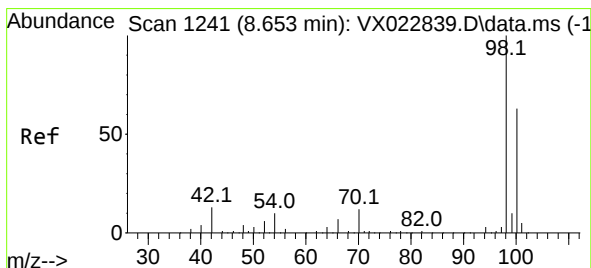
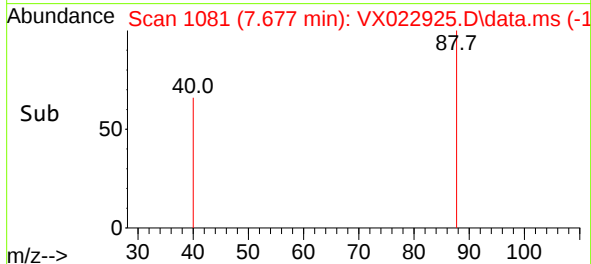
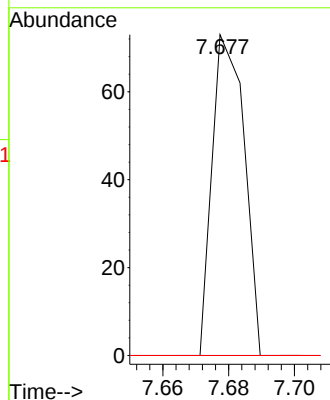
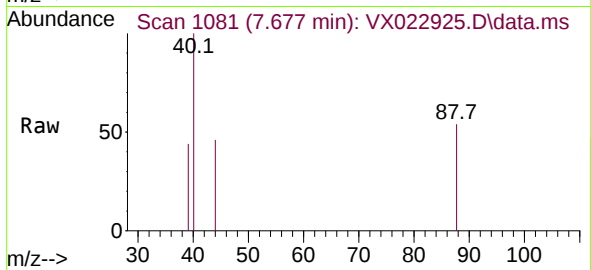




#49
1,4-Dioxane
Concen: 2.31 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

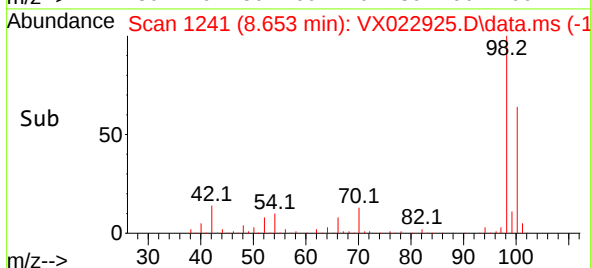
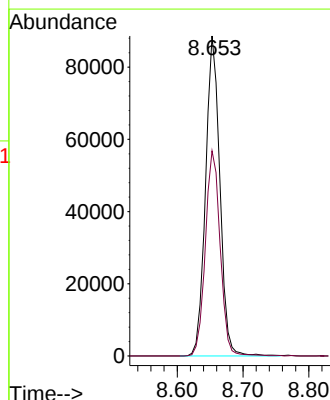
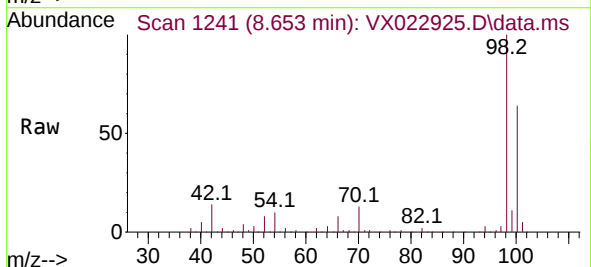
Instrument :
MSVOA_X
ClientSampled :

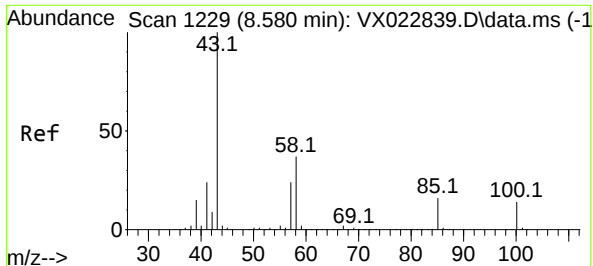
Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion: 98 Resp: 134303
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

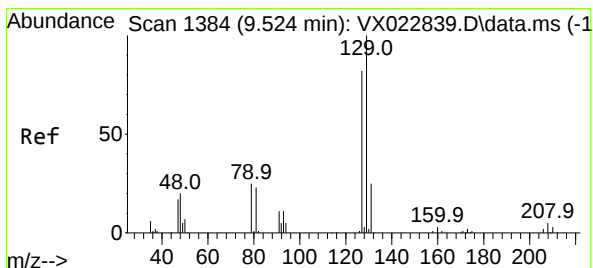
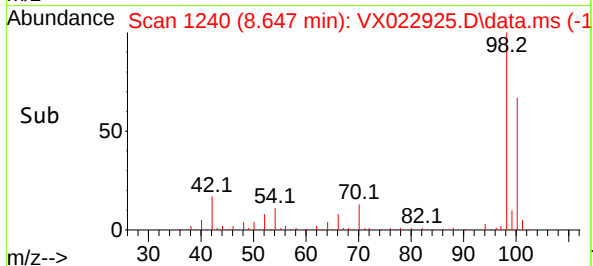
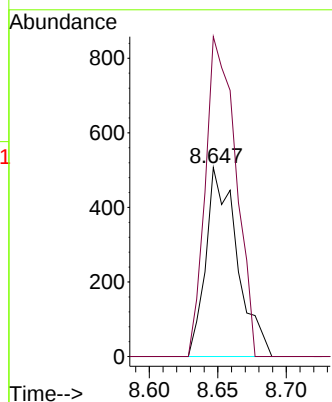
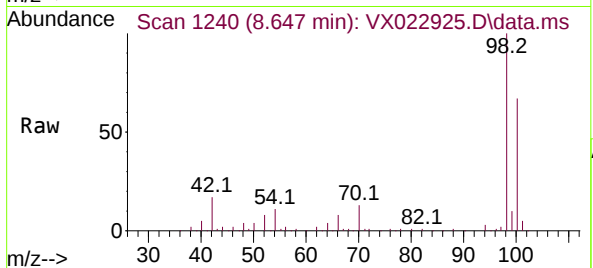




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

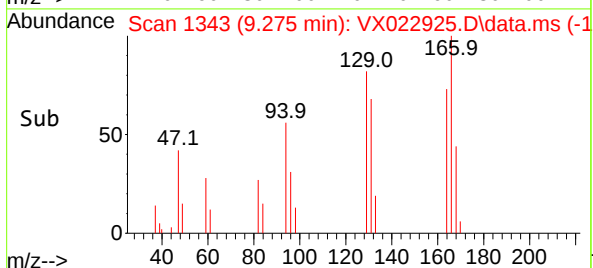
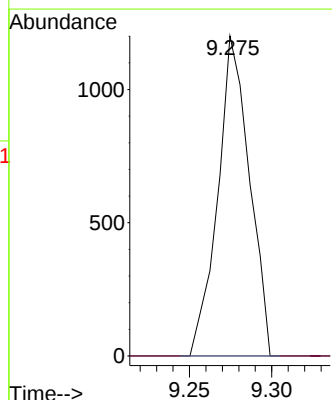
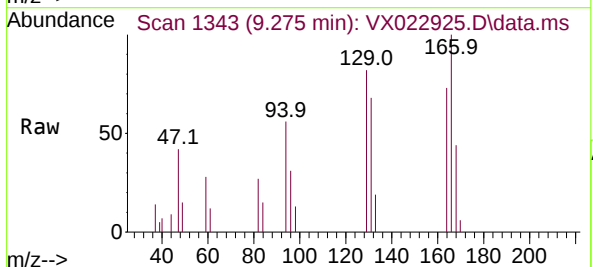
Instrument :
MSVOA_X
ClientSampled :

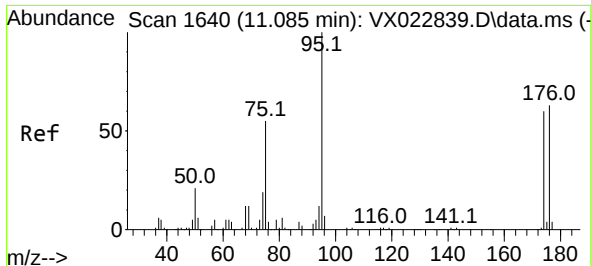
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 164.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 5.55 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion: 129 Resp: 1606
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

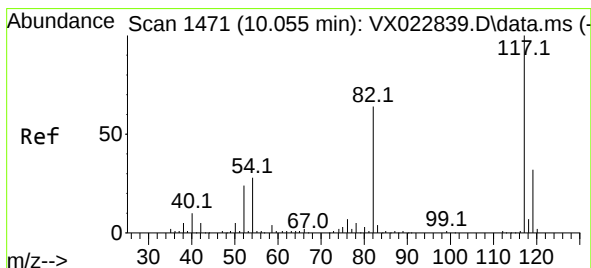
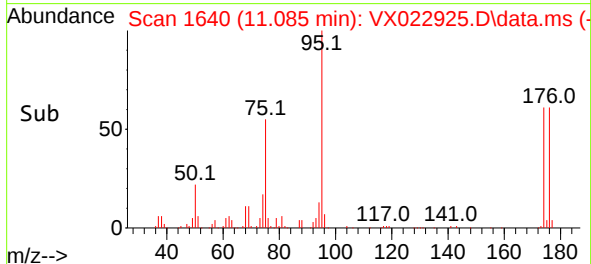
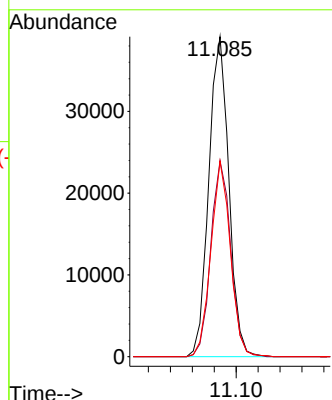
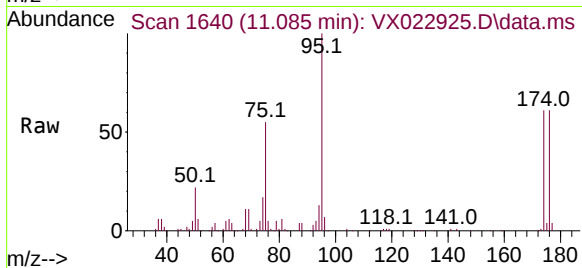




#62
4-Bromofluorobenzene
Concen: 49.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

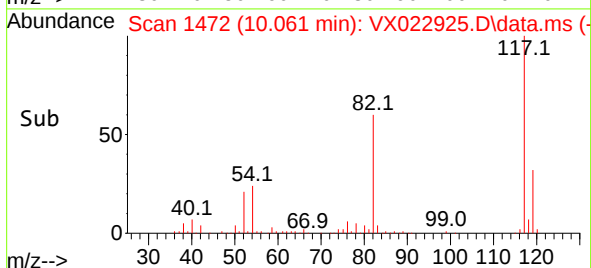
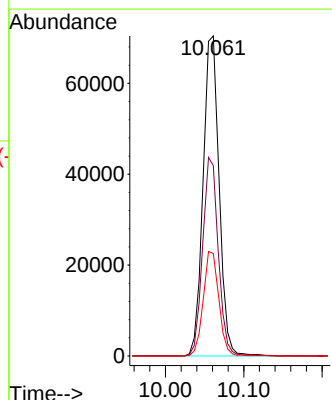
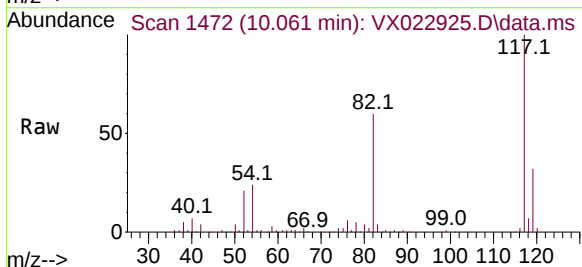
Instrument :
MSVOA_X
ClientSampleId :

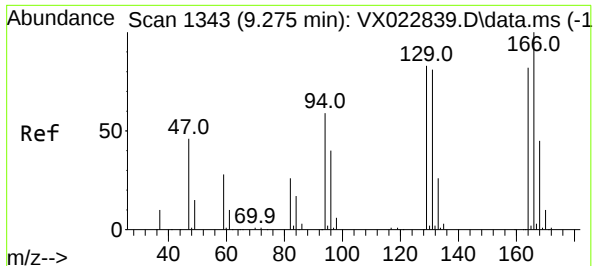
Tgt Ion: 95 Resp: 49523
Ion Ratio Lower Upper
95 100
174 61.0 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion: 117 Resp: 100178
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.1 26.6 39.8

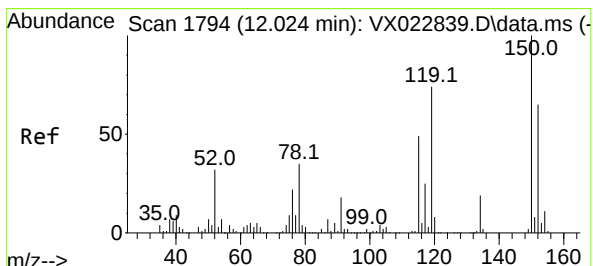
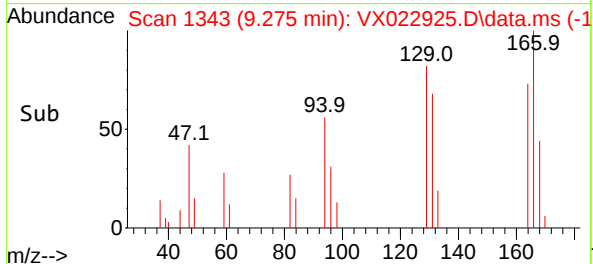
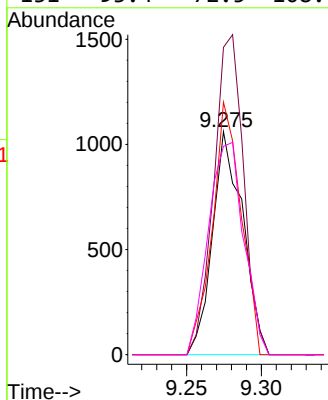
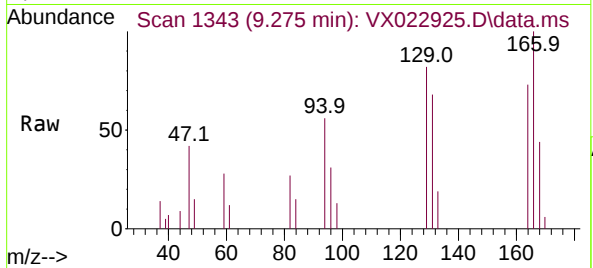




#64
Tetrachloroethene
Concen: 2.12 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

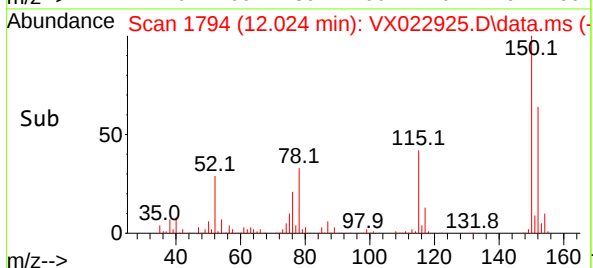
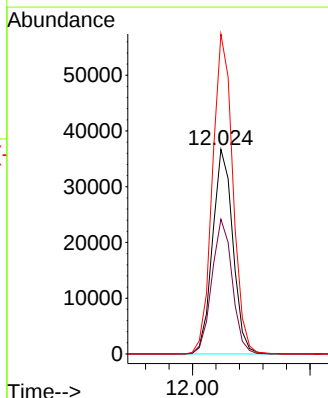
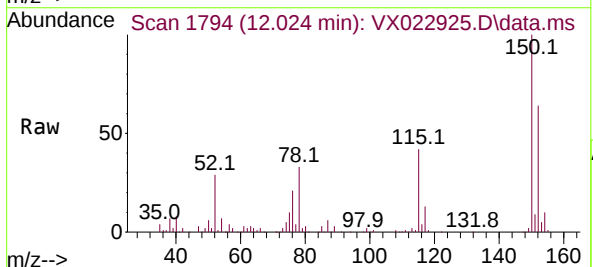
Instrument :
MSVOA_X
ClientSampled :

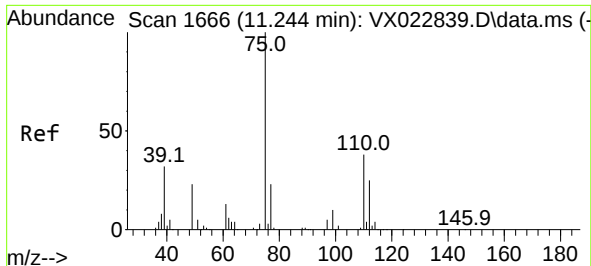
Tgt Ion:164 Resp: 1494
Ion Ratio Lower Upper
164 100
166 137.8 103.4 155.2
129 113.2 70.8 106.2#
131 93.4 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion:152 Resp: 44009
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 156.7 0.0 349.0

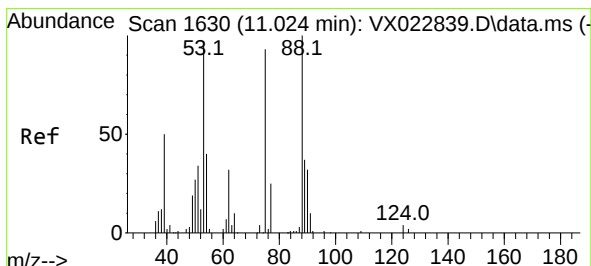
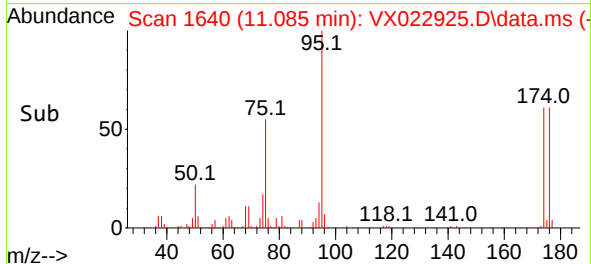
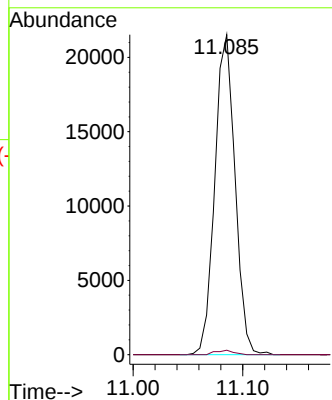
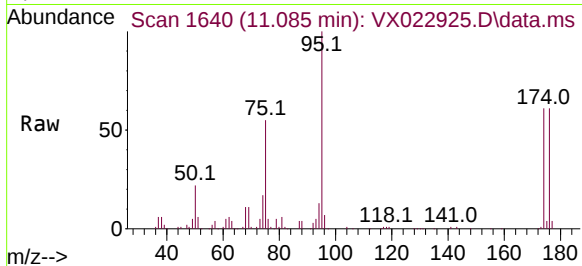




#76
1,2,3-Trichloropropane
Concen: 23.77 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 27629
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022925.D
Acq: 25 Jun 2021 16:03

Tgt Ion: 75 Resp: 27629
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

