

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022924.D
 Acq On : 25 Jun 2021 15:39
 Operator : JC/MD
 Sample : M2803-14DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:54:06 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)

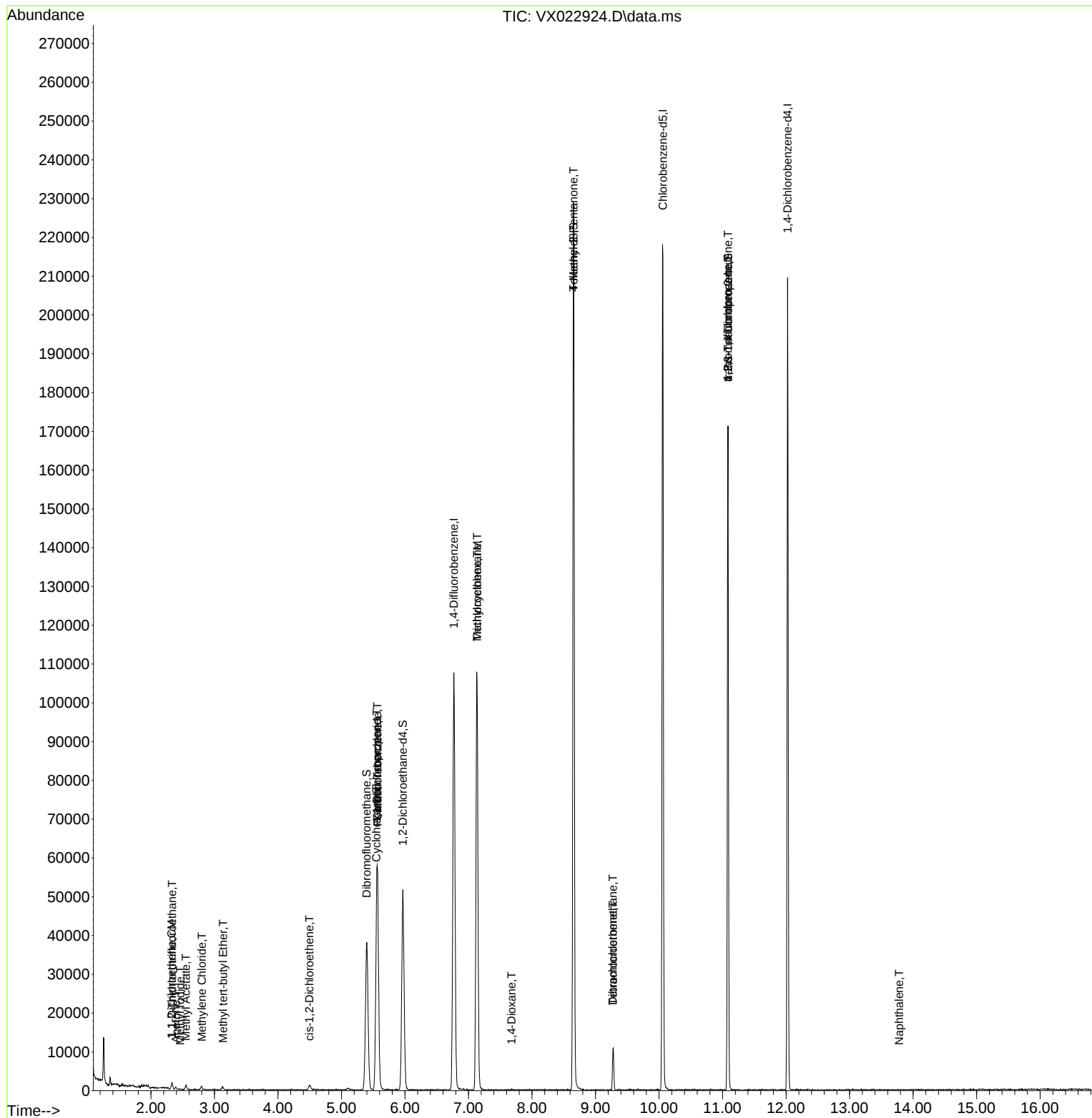
Internal Standards						
1) Pentafluorobenzene	5.568	168	49991	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	101029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	93963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45678	50.35	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.70%	
35) Dibromofluoromethane	5.397	113	31622	49.29	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.58%	
50) Toluene-d8	8.653	98	127392	50.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.34%	
62) 4-Bromofluorobenzene	11.085	95	44536	47.46	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.92%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	476	0.73	ug/l	# 85
10) Methyl Iodide	2.459	142	120	4.02	ug/l	# 42
12) 1,1-Dichloroethene	2.324	96	190	0.29	ug/l	83
16) Acetone	2.392	43	650	1.62	ug/l	91
18) Methyl Acetate	2.550	43	436	0.44	ug/l	# 47
19) Methyl tert-butyl Ether	3.135	73	713	0.31	ug/l	94
20) Methylene Chloride	2.800	84	384	0.85	ug/l	# 93
27) cis-1,2-Dichloroethene	4.495	96	827	1.04	ug/l	93
31) Cyclohexane	5.549	56	1598	1.25	ug/l	# 54
36) 1,1-Dichloropropene	5.556	75	5084	4.74	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	5959	6.62	ug/l	# 16
39) Methylcyclohexane	7.135	83	477	0.38	ug/l	# 1
44) Trichloroethene	7.135	130	37649	51.31	ug/l	91
49) 1,4-Dioxane	7.677	88	114	5.73	ug/l	# 49
51) 4-Methyl-2-Pentanone	8.653	43	764	0.61	ug/l	# 1
60) Dibromochloromethane	9.274	129	1852	5.99	ug/l	# 11
64) Tetrachloroethene	9.274	164	1899	2.88	ug/l	# 85
76) 1,2,3-Trichloropropane	11.085	75	24735	24.93	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24735	65.07	ug/l	# 12
95) Naphthalene	13.780	128	91	1.95	ug/l	# 69

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

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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

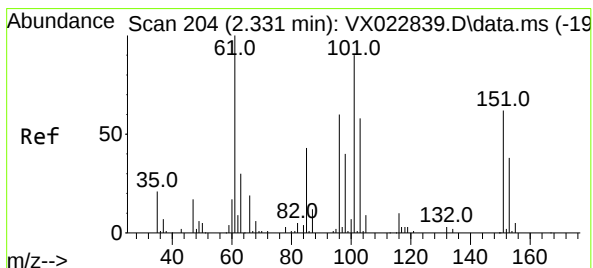
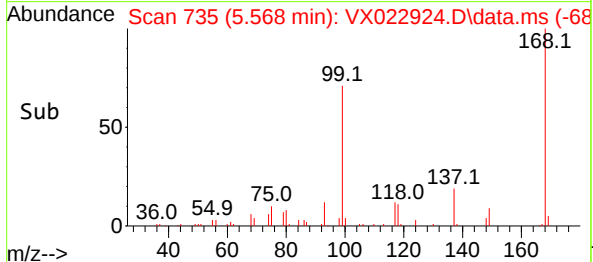
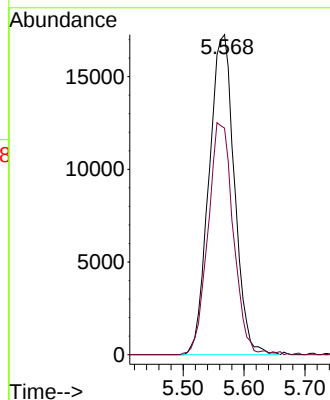
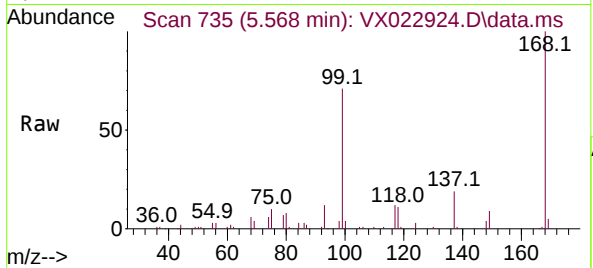




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

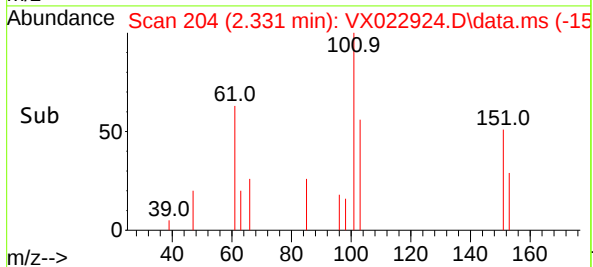
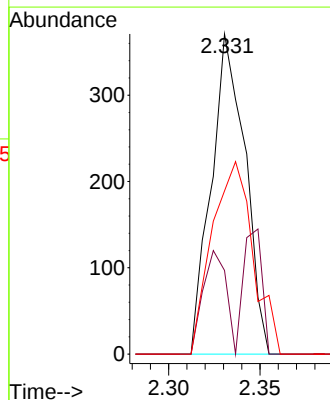
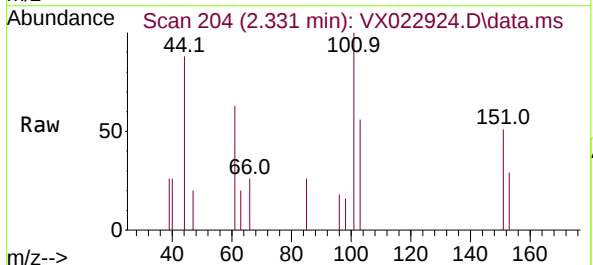
Instrument :
MSVOA_X
ClientSampled :

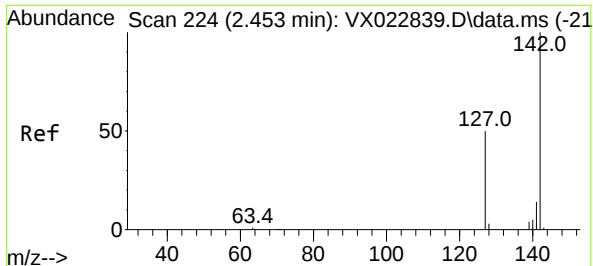
Tgt Ion:168 Resp: 49991
Ion Ratio Lower Upper
168 100
99 70.8 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.73 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

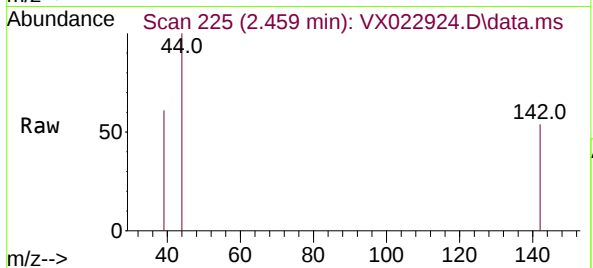
Tgt Ion:101 Resp: 476
Ion Ratio Lower Upper
101 100
85 22.3 34.9 52.3#
151 73.1 61.4 92.2



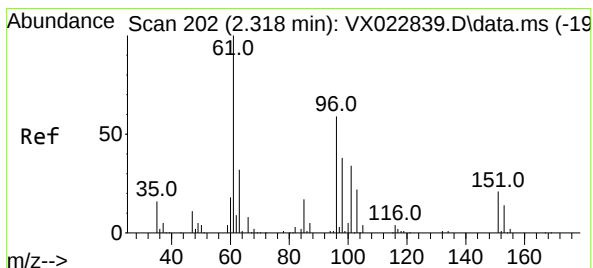
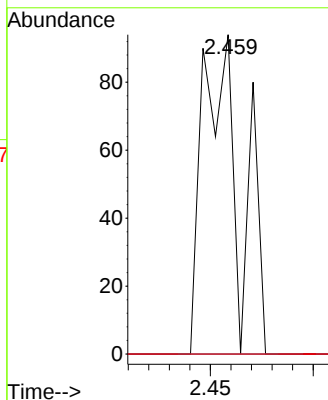
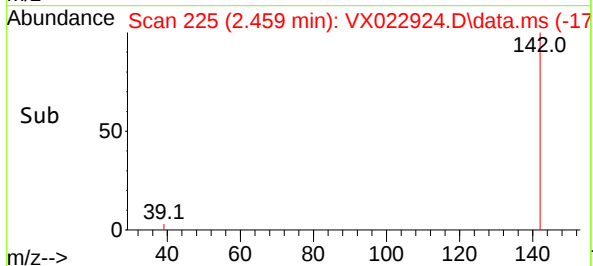


#10
Methyl Iodide
Concen: 4.02 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

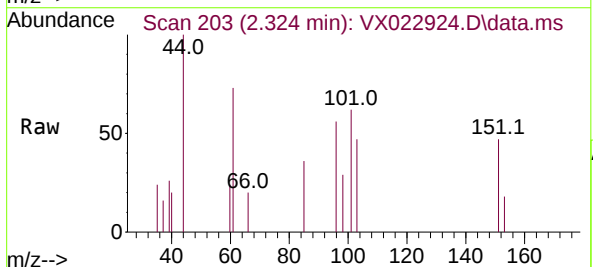
Instrument :
MSVOA_X
ClientSampled :



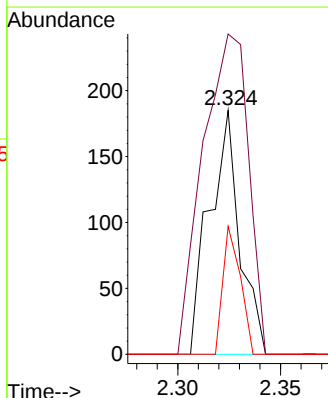
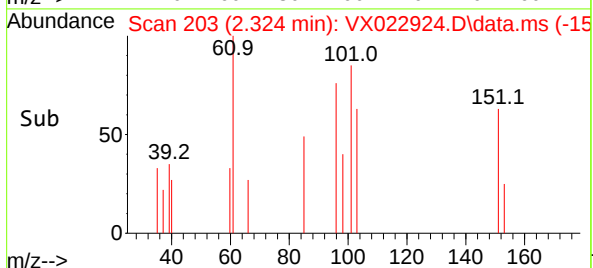
Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

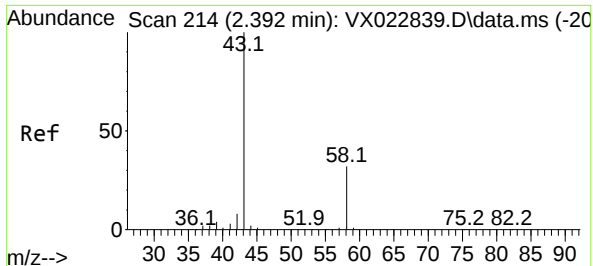


#12
1,1-Dichloroethene
Concen: 0.29 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39



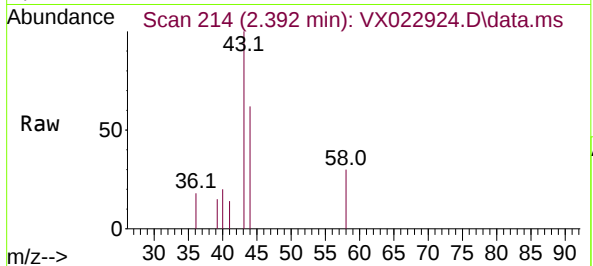
Tgt Ion: 96 Resp: 190
Ion Ratio Lower Upper
96 100
61 131.4 124.6 187.0
98 52.4 50.6 76.0



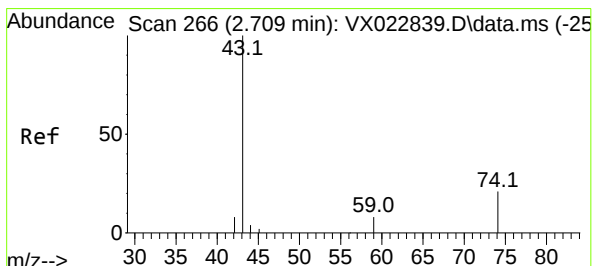
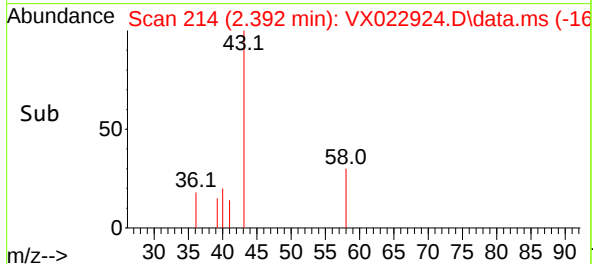
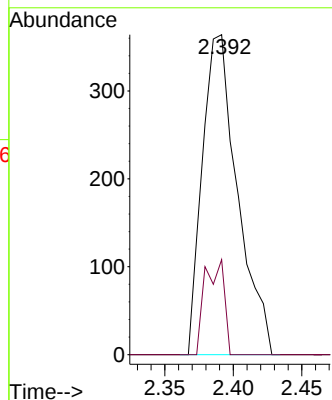


#16
Acetone
Concen: 1.62 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Instrument :
MSVOA_X
ClientSampled :

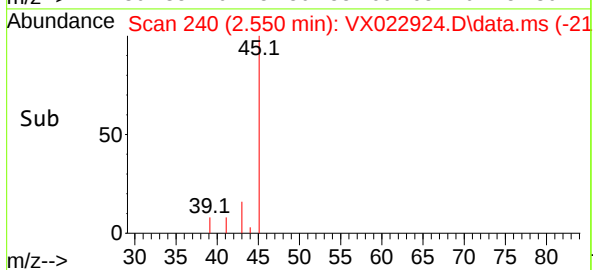
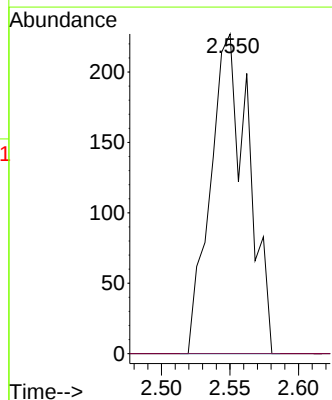
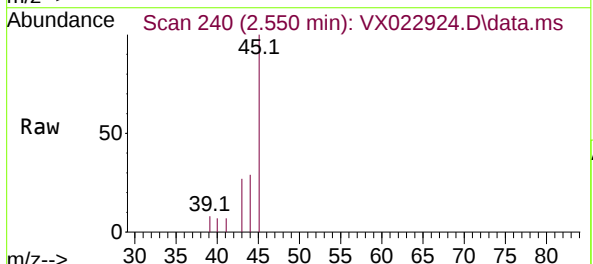


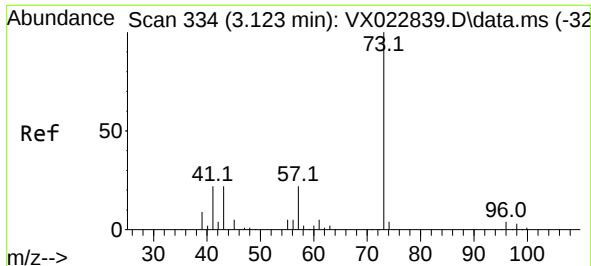
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.44 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



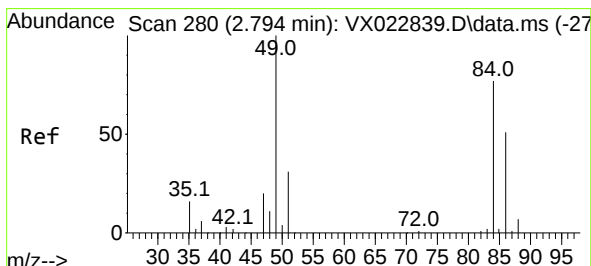
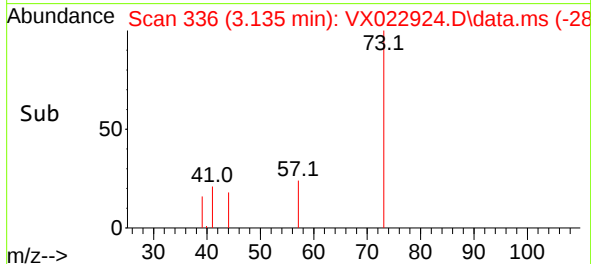
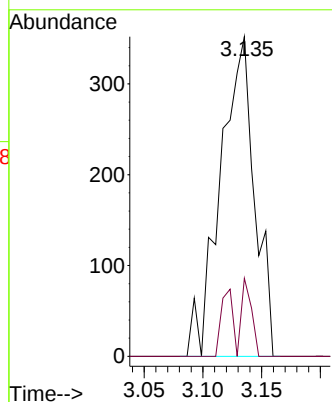
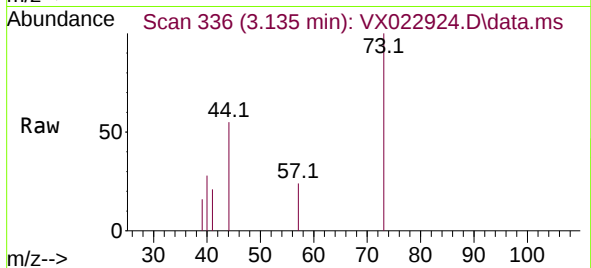


#19

Methyl tert-butyl Ether
Concen: 0.31 ug/l
RT: 3.135 min Scan# 336
Delta R.T. 0.012 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Instrument :
MSVOA_X
ClientSampled :

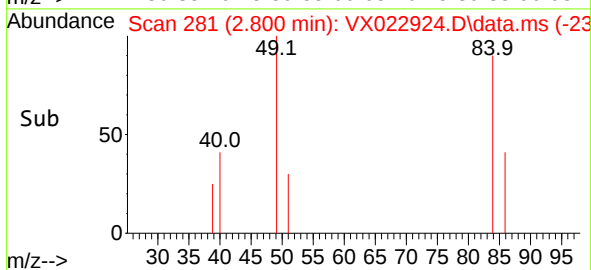
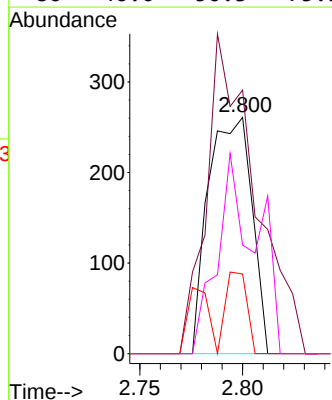
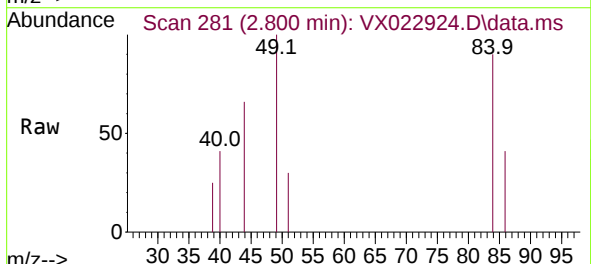
Tgt Ion: 73 Resp: 713
Ion Ratio Lower Upper
73 100
57 24.4 17.1 25.7

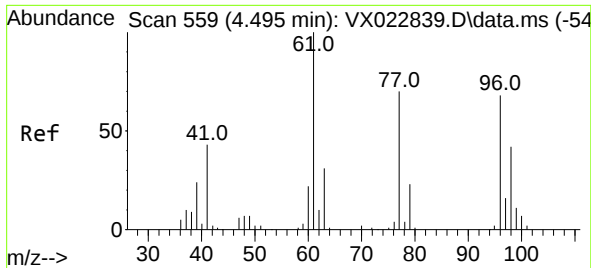


#20

Methylene Chloride
Concen: 0.85 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 84 Resp: 384
Ion Ratio Lower Upper
84 100
49 111.5 88.6 132.8
51 33.7 27.0 40.6
86 46.0 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.04 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX022924.D

Acq: 25 Jun 2021 15:39

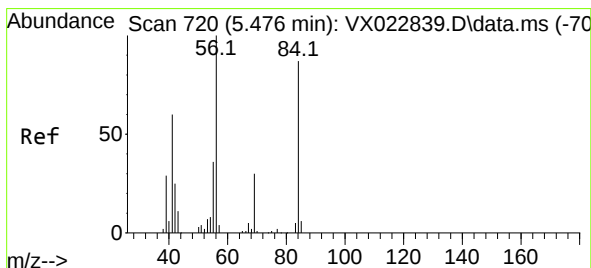
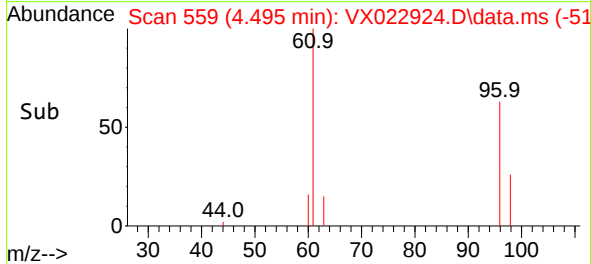
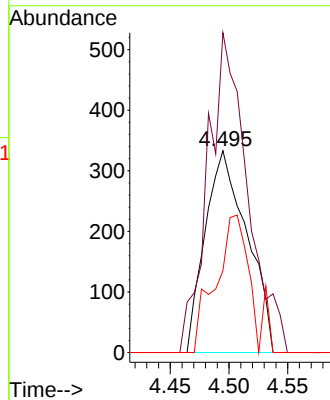
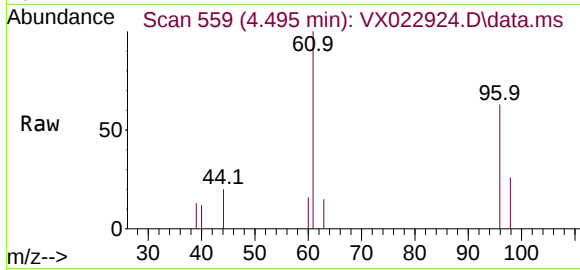
Tgt Ion: 96 Resp: 827

Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	285.6
98	57.2	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :



#31

Cyclohexane

Concen: 1.25 ug/l

RT: 5.549 min Scan# 732

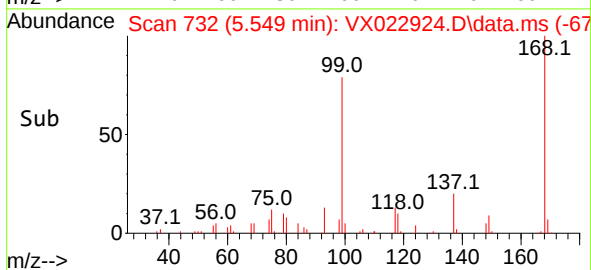
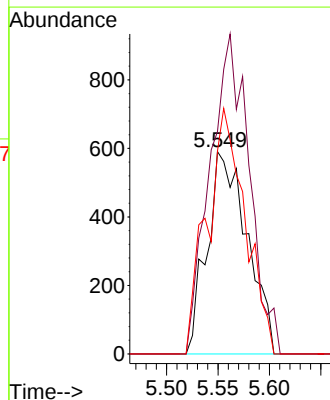
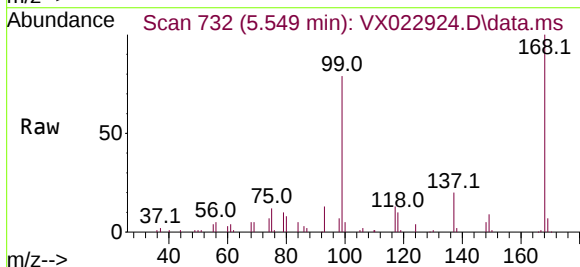
Delta R.T. 0.073 min

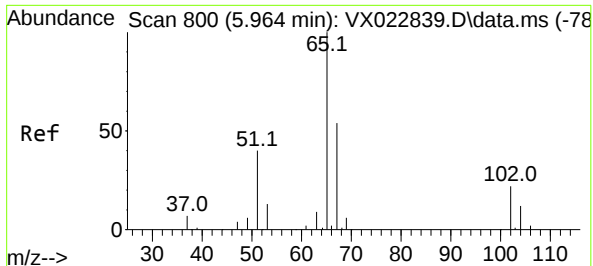
Lab File: VX022924.D

Acq: 25 Jun 2021 15:39

Tgt Ion: 56 Resp: 1598

Ion	Ratio	Lower	Upper
56	100		
69	109.8	25.3	37.9#
84	100.2	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 50.35 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022924.D

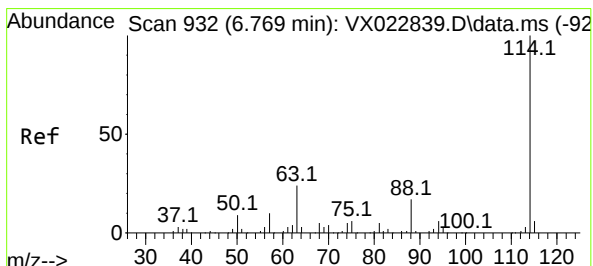
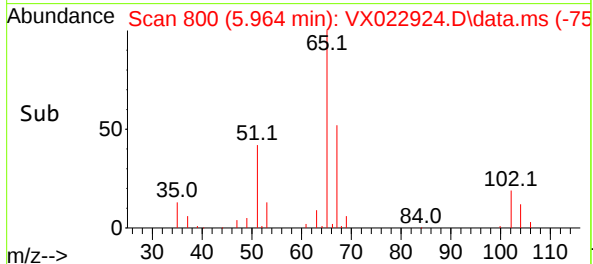
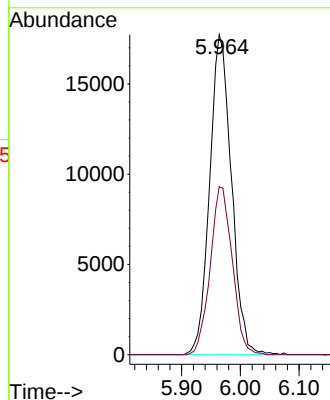
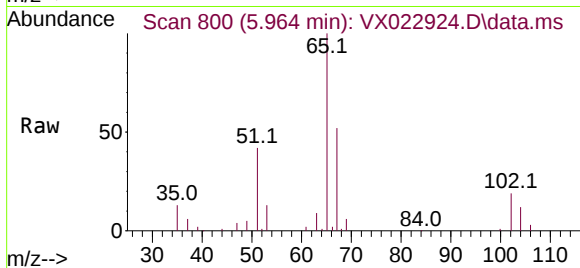
Acq: 25 Jun 2021 15:39

Tgt Ion: 65 Resp: 45678

Ion Ratio Lower Upper

65 100

67 53.0 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: VX022924.D

Acq: 25 Jun 2021 15:39

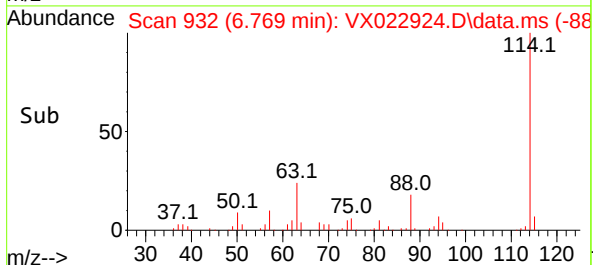
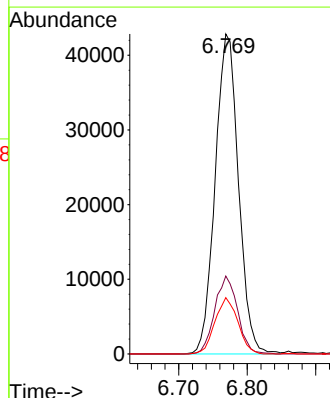
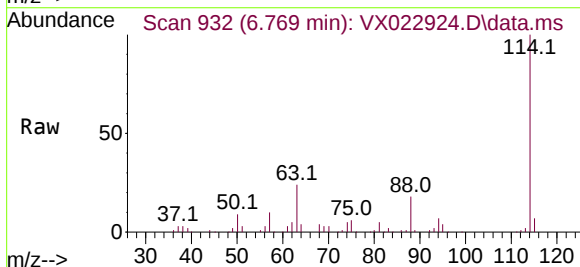
Tgt Ion: 114 Resp: 101029

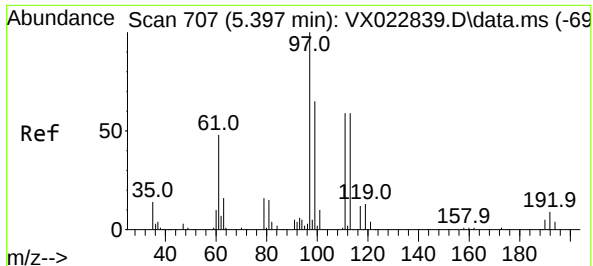
Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.8

88 17.6 0.0 32.8

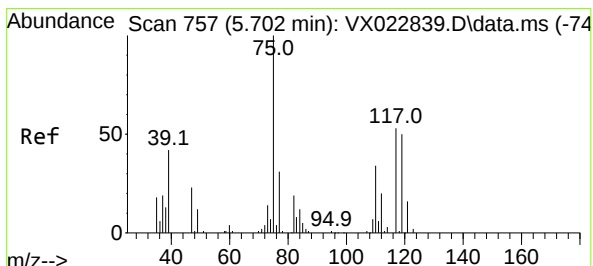
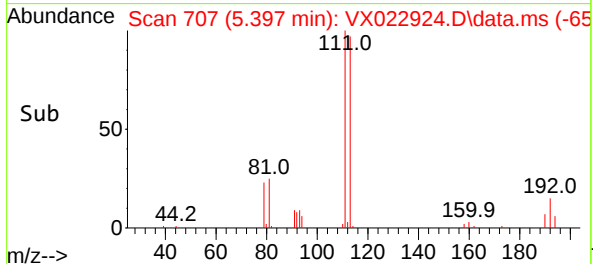
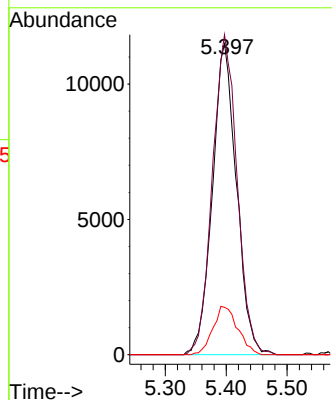
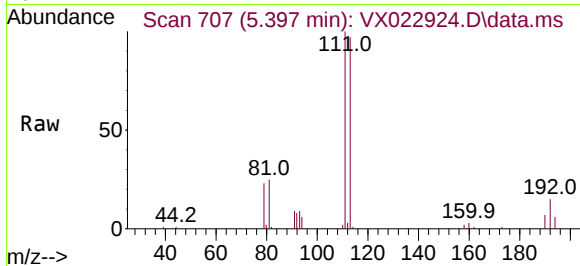




#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

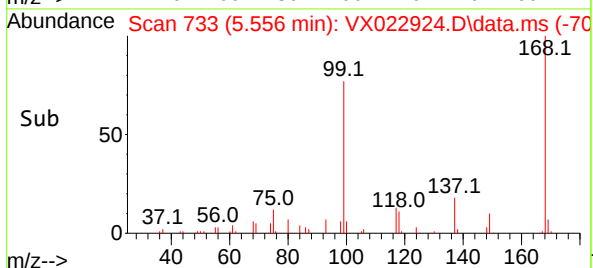
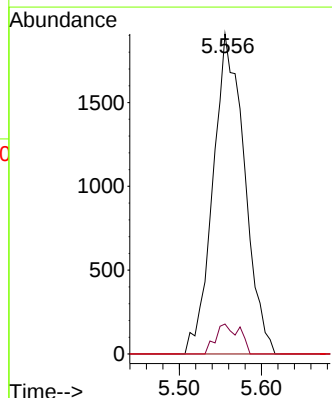
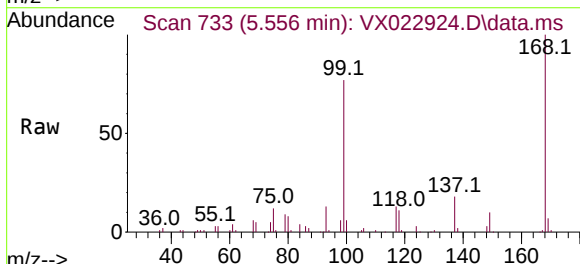
Instrument :
MSVOA_X
ClientSampleId :

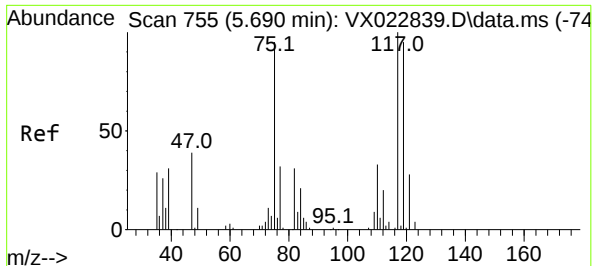
Tgt Ion:113 Resp: 31622
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 16.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

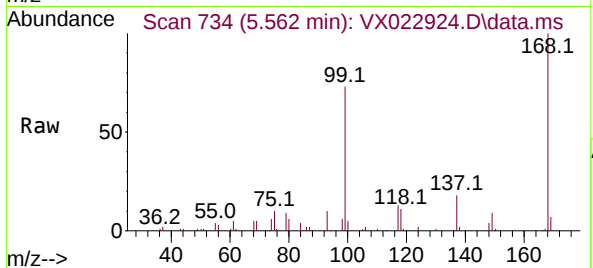
Tgt Ion: 75 Resp: 5084
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#



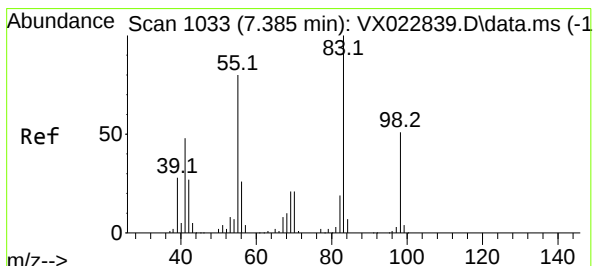
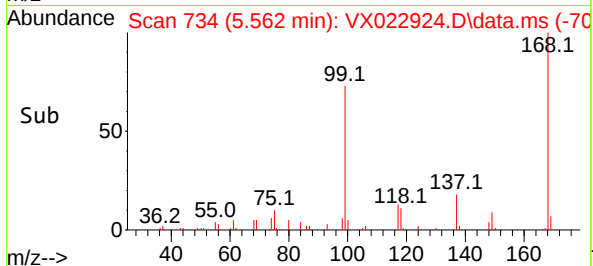
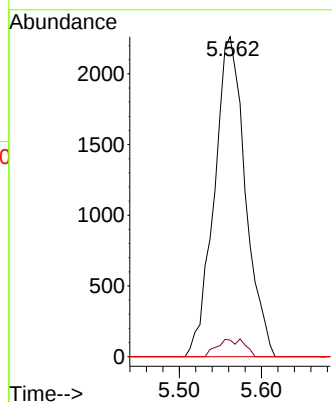


#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Instrument :
MSVOA_X
ClientSampled :

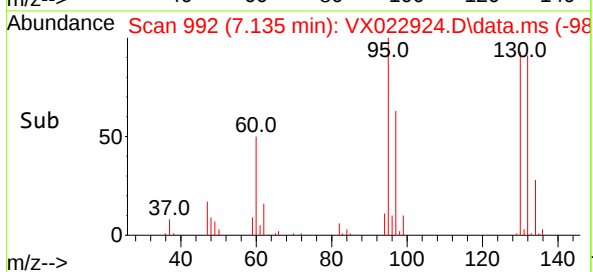
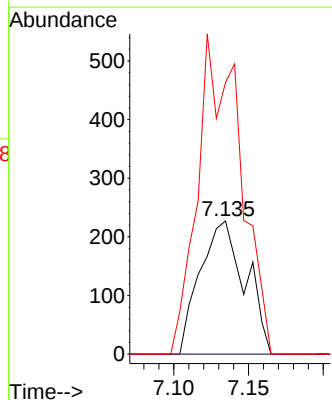
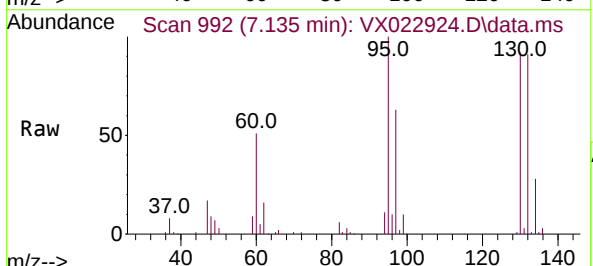


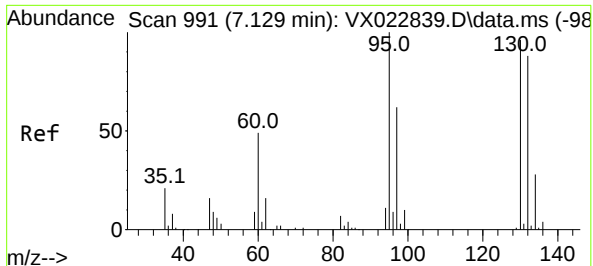
Tgt Ion:117 Resp: 5959
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.38 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 83 Resp: 477
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 204.0 38.1 57.1#

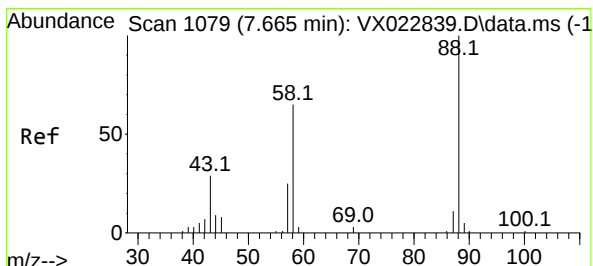
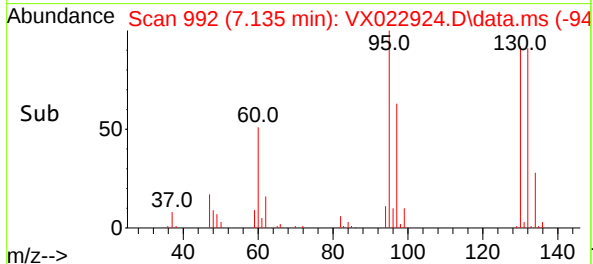
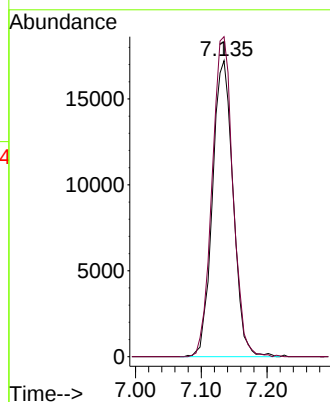
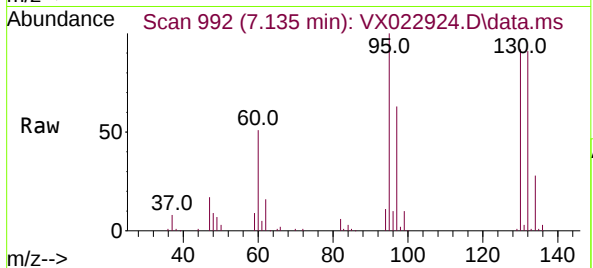




#44
Trichloroethene
Concen: 51.31 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

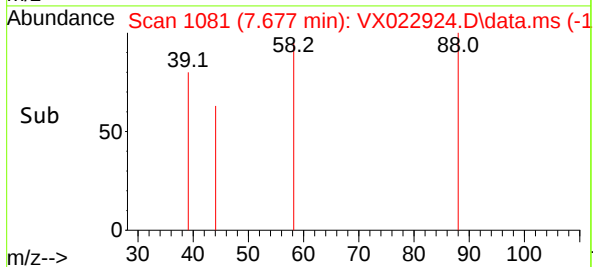
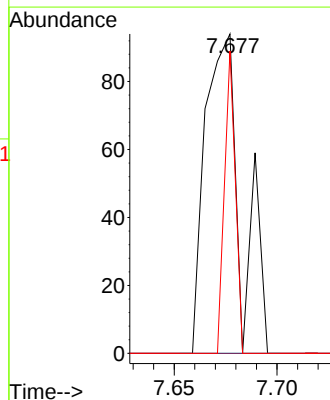
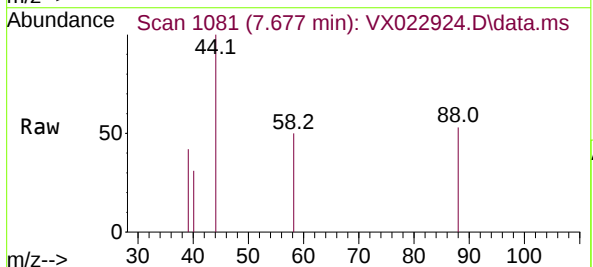
Instrument :
MSVOA_X
ClientSampled :

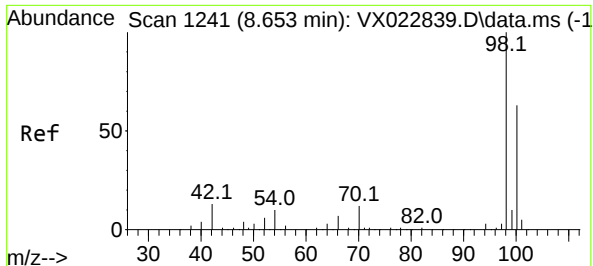
Tgt Ion:130 Resp: 37649
Ion Ratio Lower Upper
130 100
95 108.1 0.0 198.0



#49
1,4-Dioxane
Concen: 5.73 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 28.9 55.0 82.4#

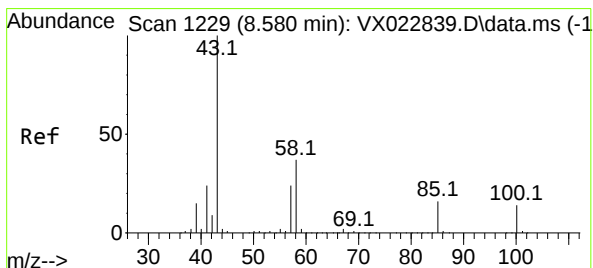
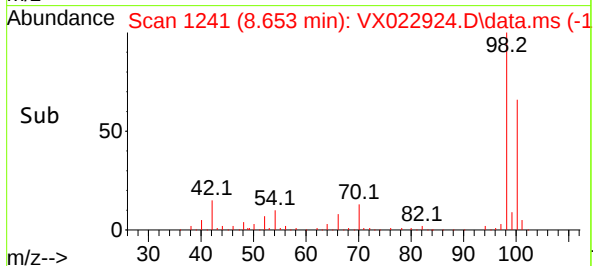
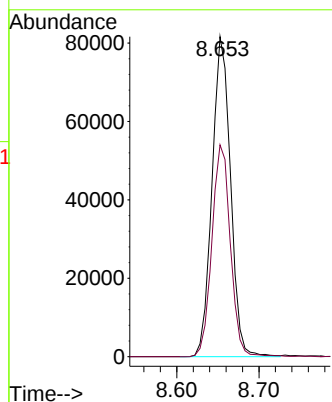
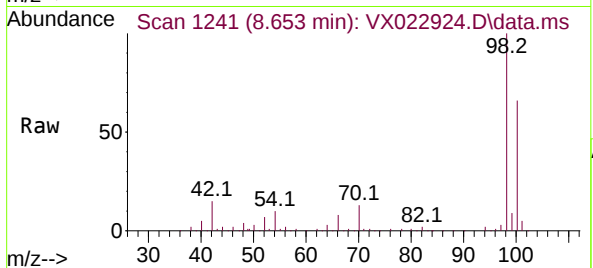




#50
Toluene-d8
Concen: 50.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

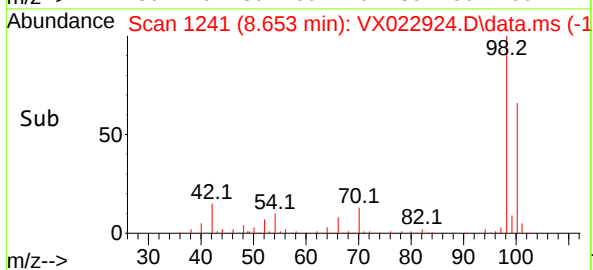
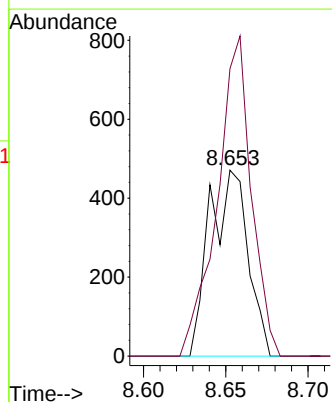
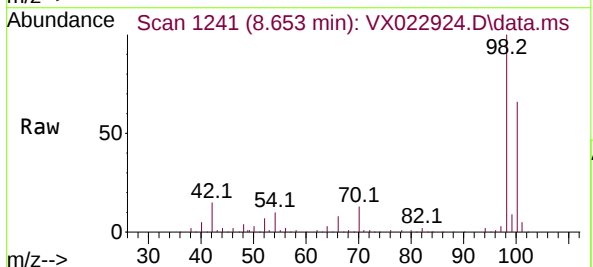
Instrument :
MSVOA_X
ClientSampled :

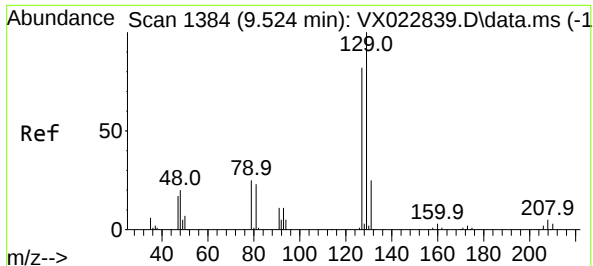
Tgt Ion: 98 Resp: 127392
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 153.0 35.4 53.0#

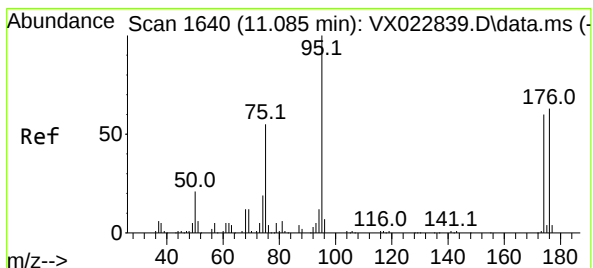
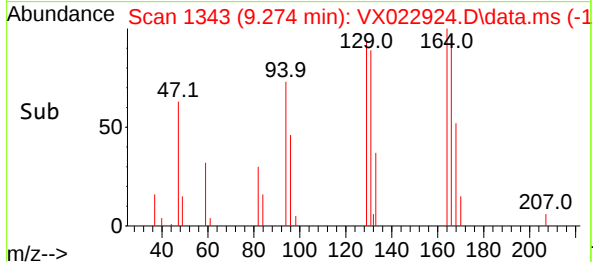
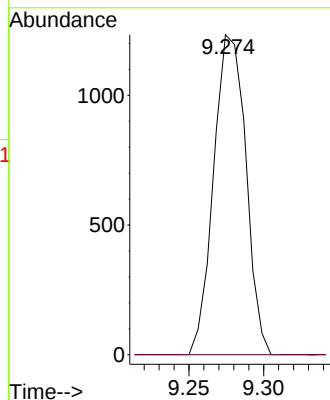
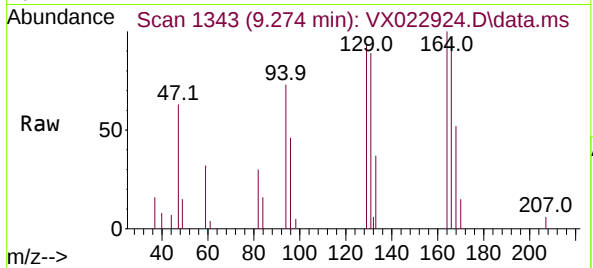




#60
Dibromochloromethane
Concen: 5.99 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

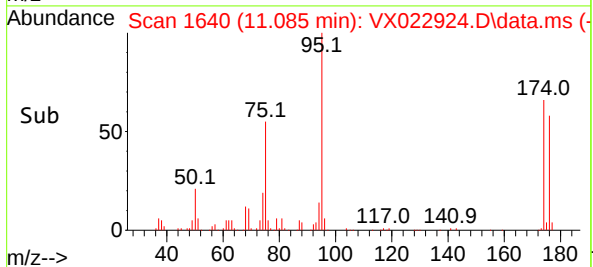
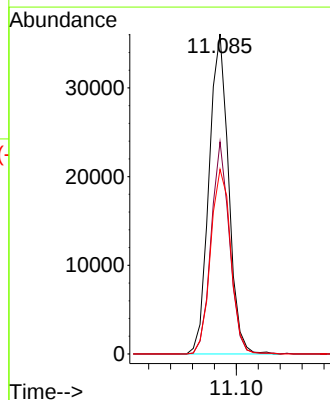
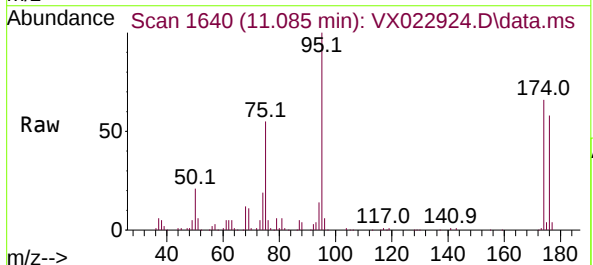
Instrument :
MSVOA_X
ClientSampled :

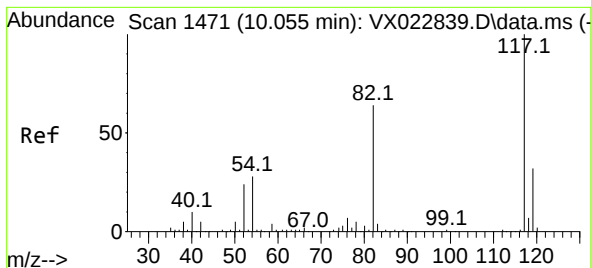
Tgt Ion:129 Resp: 1852
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 95 Resp: 44536
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.9 0.0 155.8

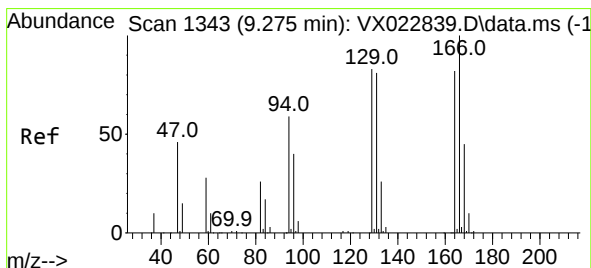
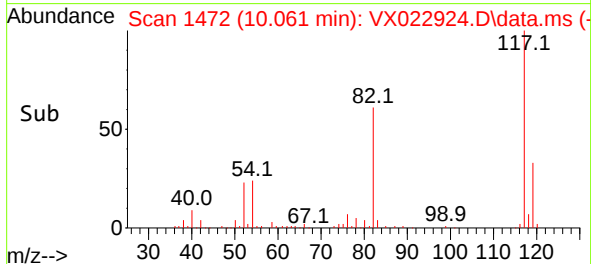
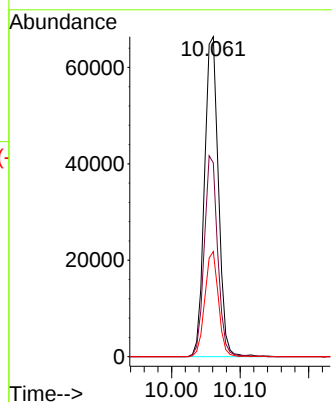
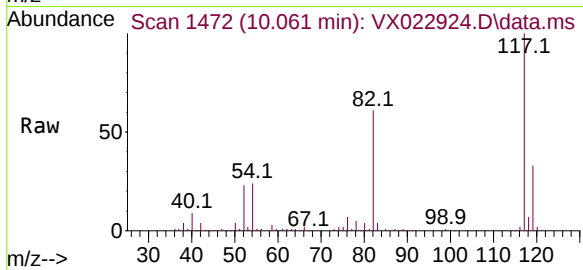




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

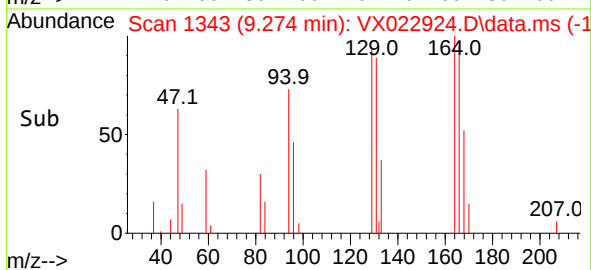
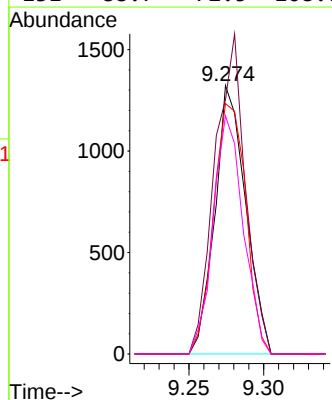
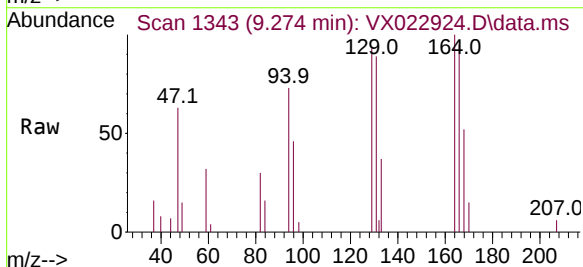
Instrument :
MSVOA_X
ClientSampled :

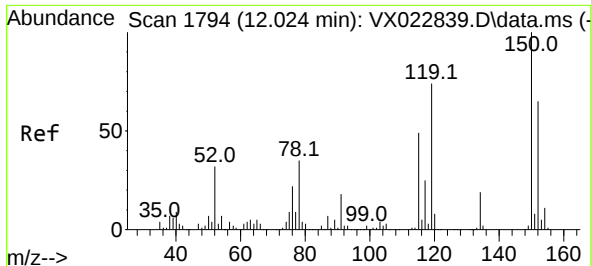
Tgt Ion:117 Resp: 93963
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 2.88 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion:164 Resp: 1899
Ion Ratio Lower Upper
164 100
166 94.6 103.4 155.2#
129 93.3 70.8 106.2
131 88.7 72.5 108.7

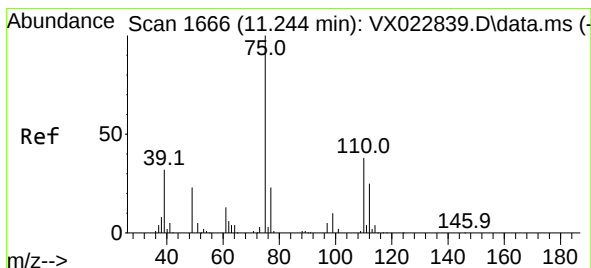
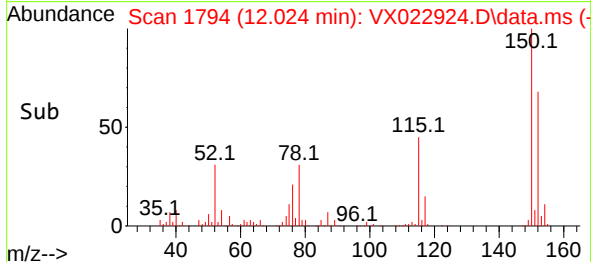
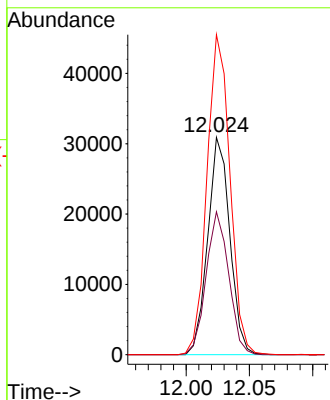
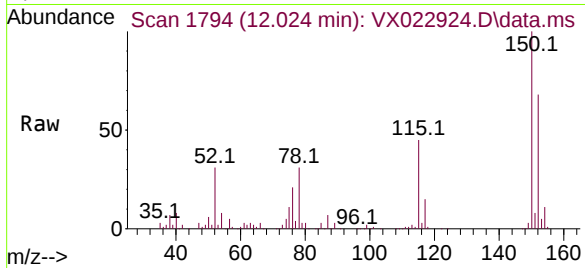




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022924.D
 Acq: 25 Jun 2021 15:39

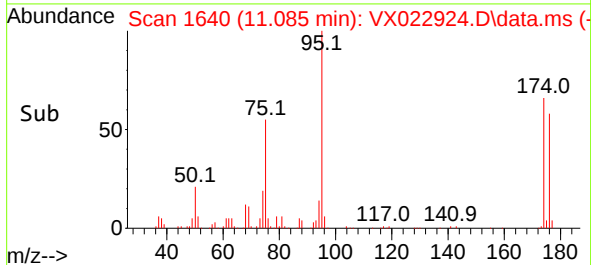
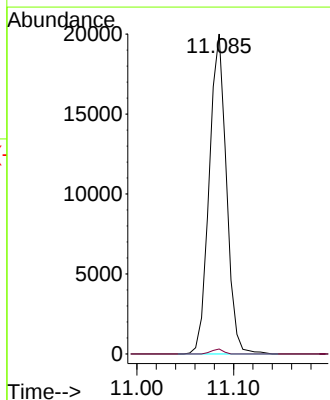
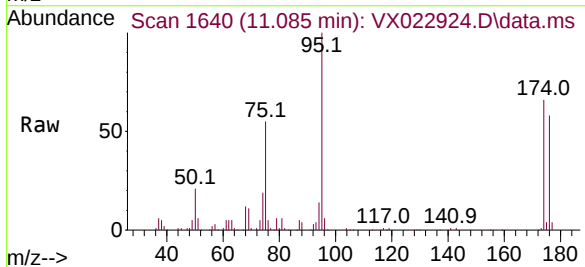
Instrument :
 MSVOA_X
 ClientSampled :

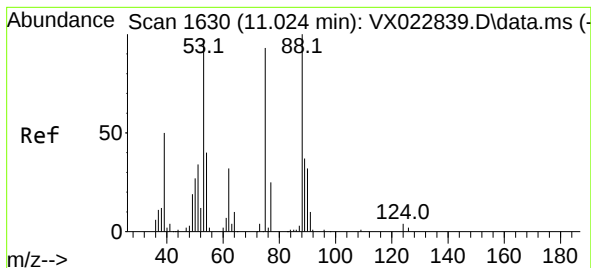
Tgt Ion:152 Resp: 37567
 Ion Ratio Lower Upper
 152 100
 115 67.1 41.1 123.3
 150 152.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.93 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022924.D
 Acq: 25 Jun 2021 15:39

Tgt Ion: 75 Resp: 24735
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

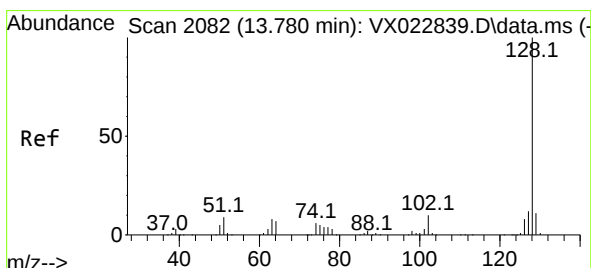
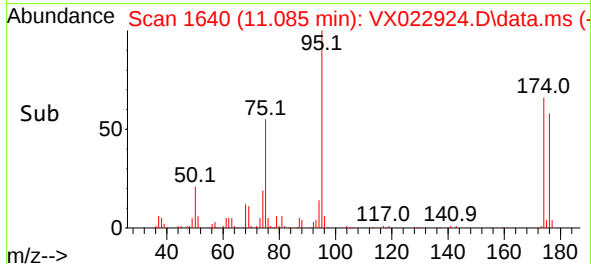
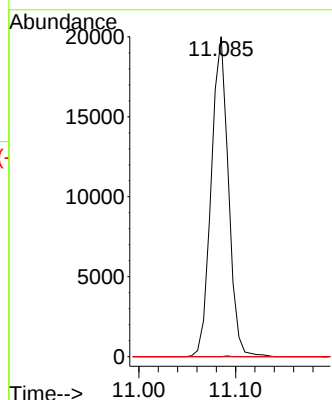
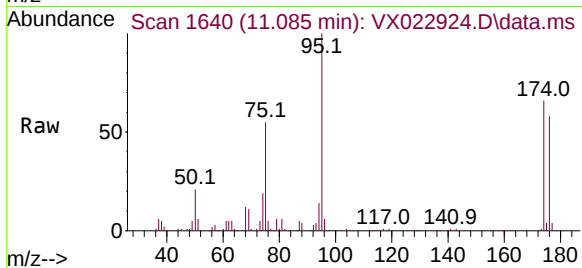




#81
trans-1,4-Dichloro-2-butene
Concen: 65.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 24735
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.95 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022924.D
Acq: 25 Jun 2021 15:39

Tgt Ion: 128 Resp: 91
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

