

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022927.D
 Acq On : 25 Jun 2021 16:50
 Operator : JC/MD
 Sample : M2803-22DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:54:35 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)

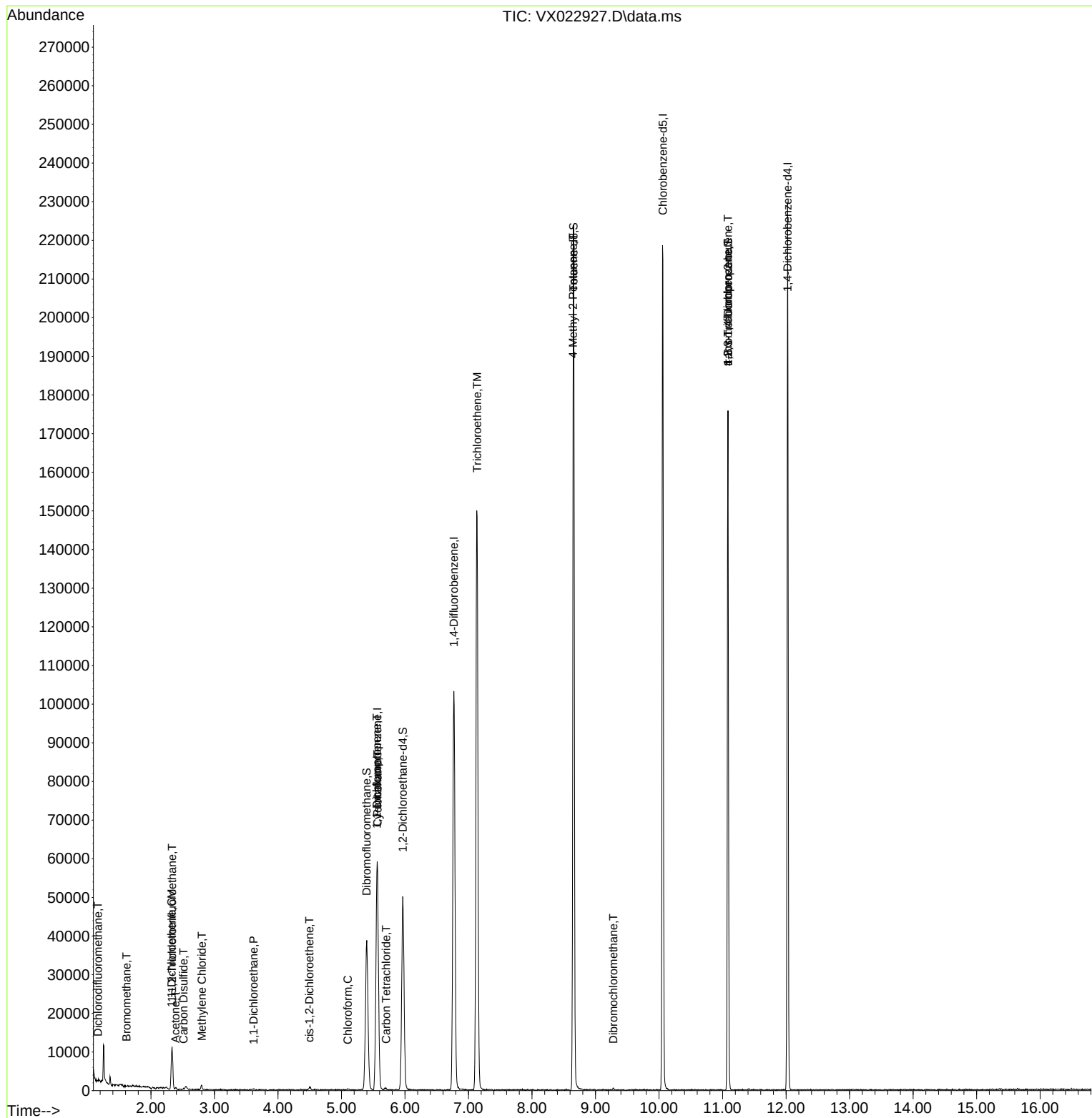
Internal Standards						
1) Pentafluorobenzene	5.562	168	48702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	101307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	93763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45523	51.51	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.02%
35) Dibromofluoromethane	5.397	113	32070	49.85	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.70%
50) Toluene-d8	8.653	98	127760	50.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.34%
62) 4-Bromofluorobenzene	11.085	95	45542	48.40	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	149	0.22	ug/l #	42
5) Bromomethane	1.617	94	85	0.22	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	2.331	101	3185	5.03	ug/l	90
12) 1,1-Dichloroethene	2.325	96	1197	1.89	ug/l #	87
16) Acetone	2.385	43	440	1.12	ug/l #	80
17) Carbon Disulfide	2.514	76	66	3.55	ug/l #	75
20) Methylene Chloride	2.800	84	461	0.96	ug/l #	82
24) 1,1-Dichloroethane	3.617	63	376	0.28	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	433	0.56	ug/l	73
30) Chloroform	5.098	83	325	0.24	ug/l	98
31) Cyclohexane	5.568	56	1617	1.30	ug/l #	60
36) 1,1-Dichloropropene	5.556	75	4594	4.27	ug/l #	48
38) Carbon Tetrachloride	5.702	117	260	0.29	ug/l #	75
44) Trichloroethene	7.135	130	52179	70.91	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	636	0.51	ug/l #	1
60) Dibromochloromethane	9.281	129	52	3.72	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	25685	25.02	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25685	65.29	ug/l #	12

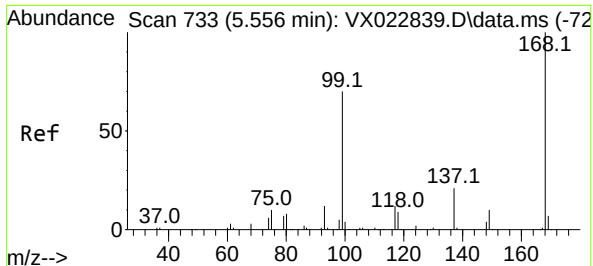
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 26 03:54:35 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

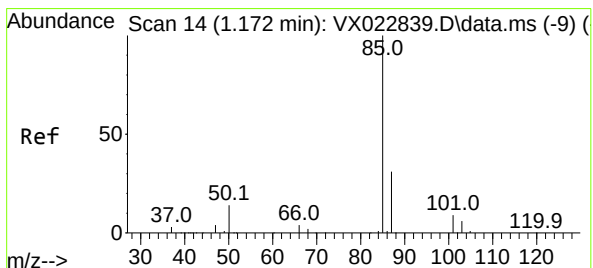
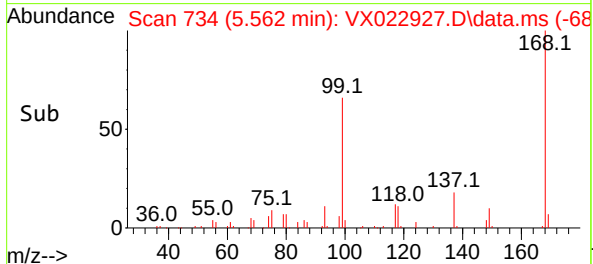
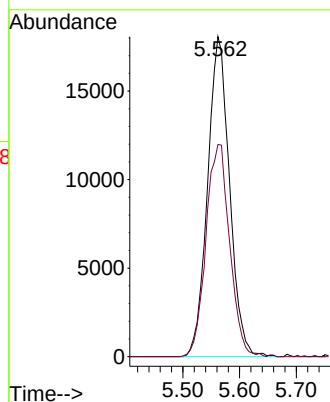
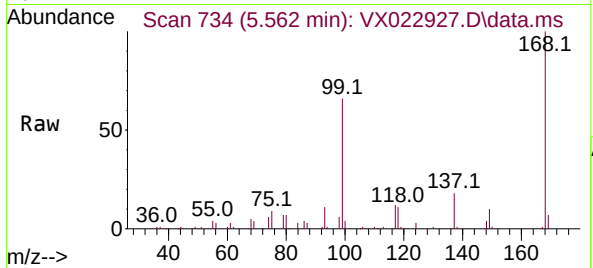




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

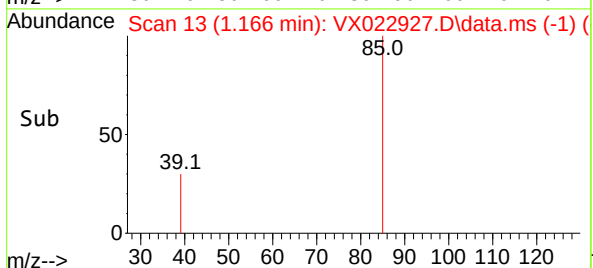
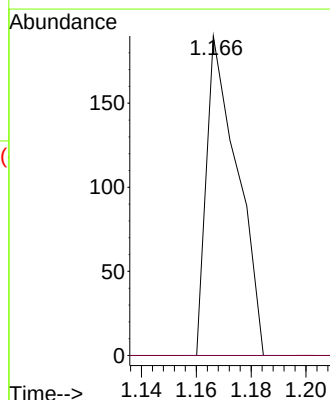
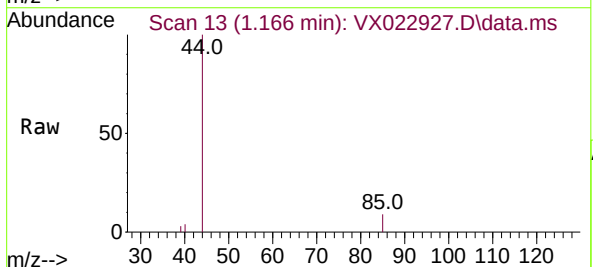
Instrument :
MSVOA_X
ClientSampled :

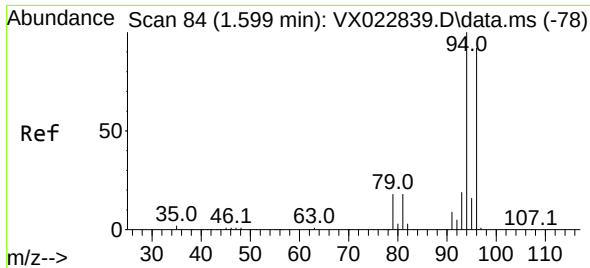
Tgt Ion:168 Resp: 48702
Ion Ratio Lower Upper
168 100
99 66.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion: 85 Resp: 149
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

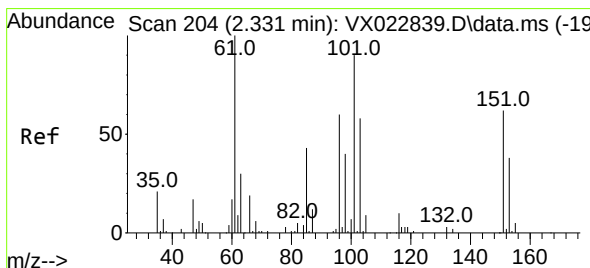
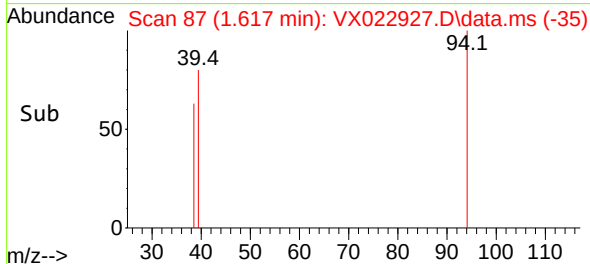
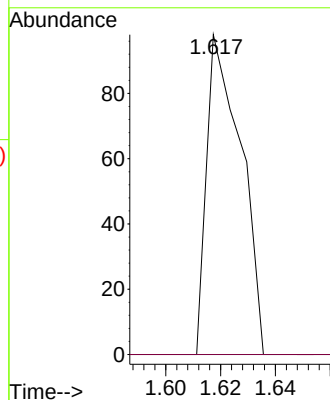
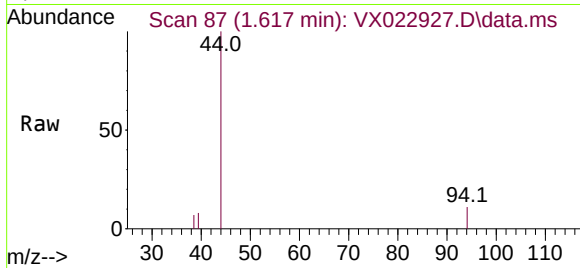




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

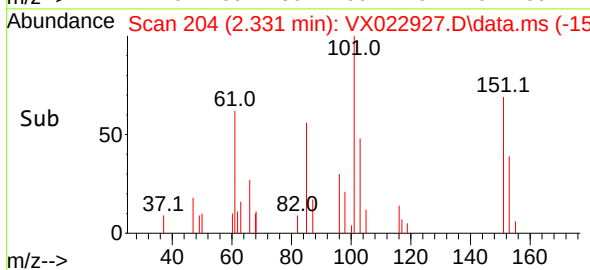
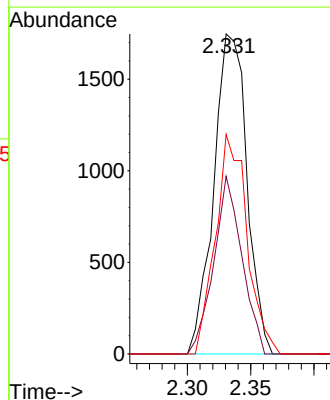
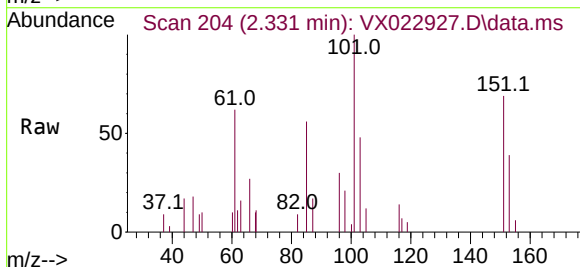
Instrument :
MSVOA_X
ClientSampled :

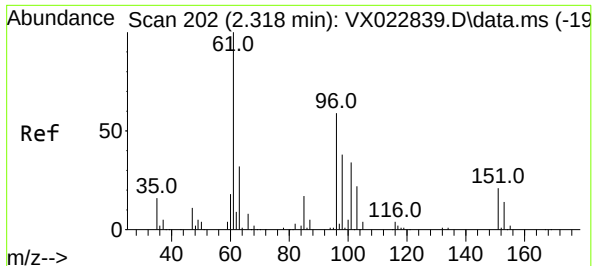
Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.03 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion: 101 Resp: 3185
Ion Ratio Lower Upper
101 100
85 47.2 34.9 52.3
151 65.3 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.89 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022927.D

Acq: 25 Jun 2021 16:50

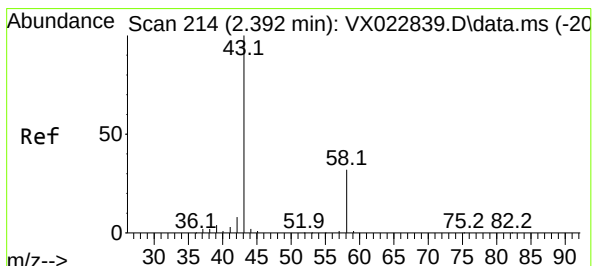
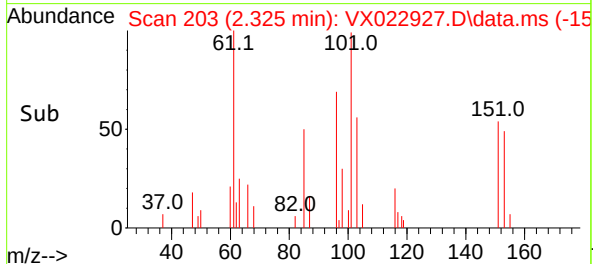
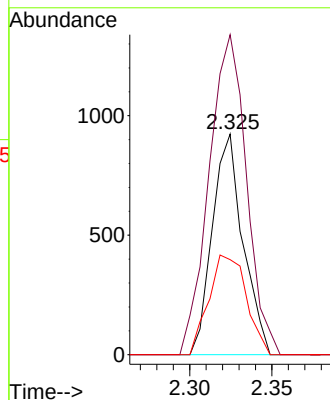
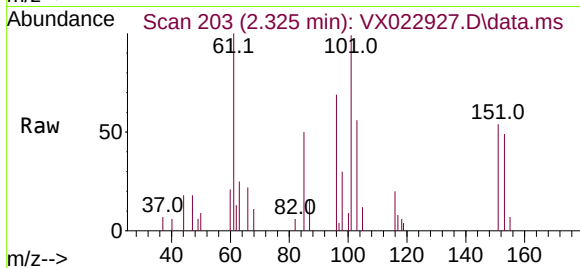
Tgt Ion: 96 Resp: 1197

Ion Ratio Lower Upper

96 100

61 145.1 124.6 187.0

98 43.1 50.6 76.0#



#16

Acetone

Concen: 1.12 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.007 min

Lab File: VX022927.D

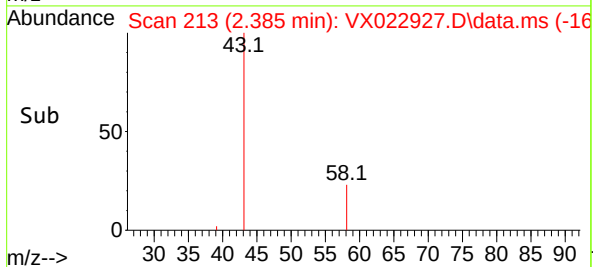
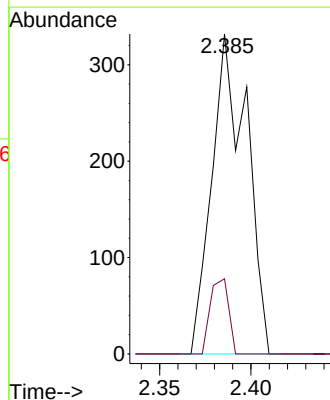
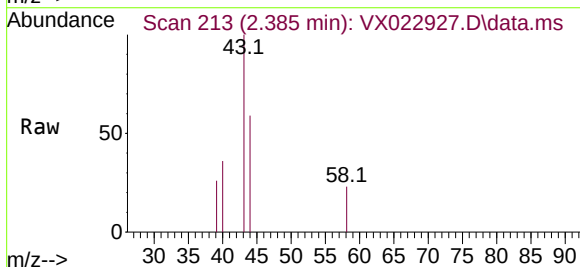
Acq: 25 Jun 2021 16:50

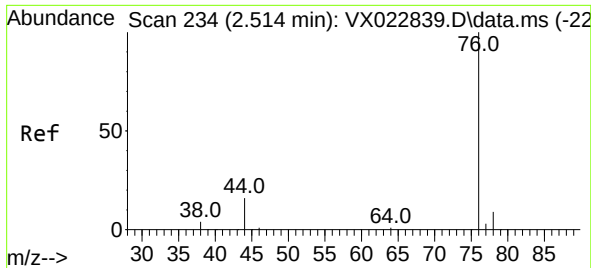
Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

58 23.5 27.8 41.8#

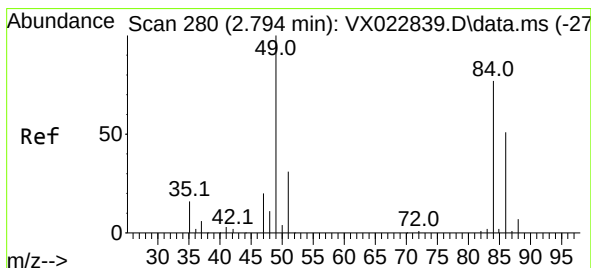
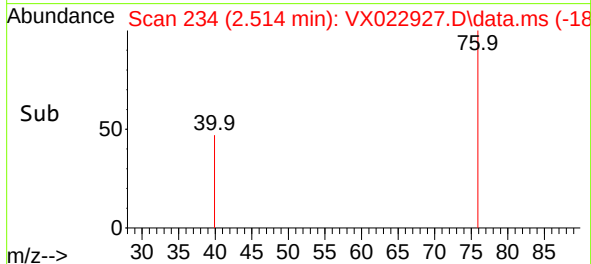
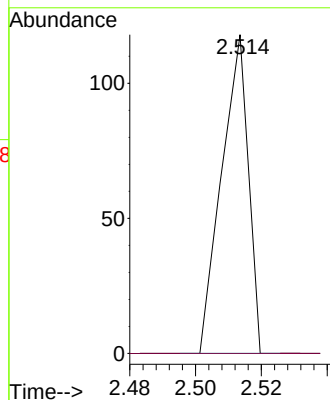
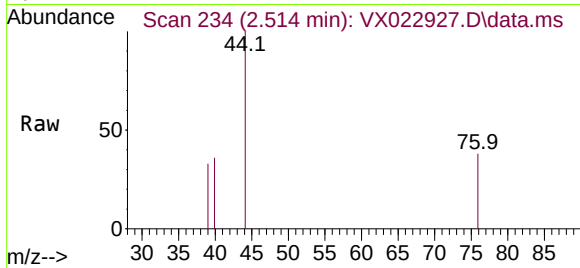




#17
Carbon Disulfide
Concen: 3.55 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

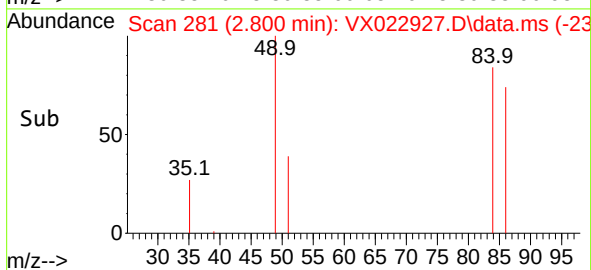
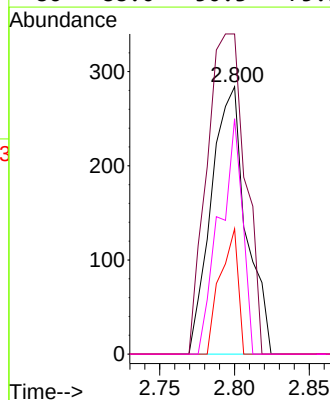
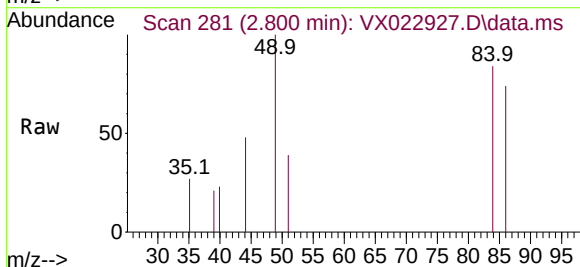
Instrument :
MSVOA_X
ClientSampled :

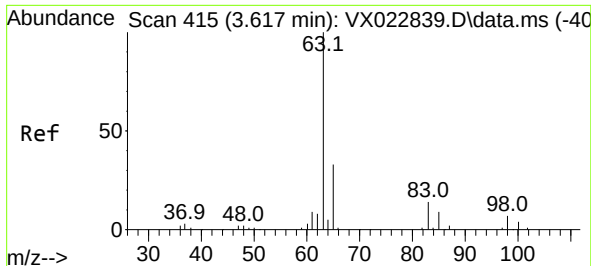
Tgt Ion: 76 Resp: 66
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.96 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion: 84 Resp: 461
Ion Ratio Lower Upper
84 100
49 119.7 88.6 132.8
51 46.8 27.0 40.6#
86 88.0 50.3 75.5#

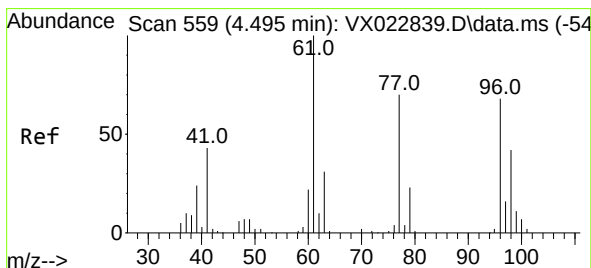
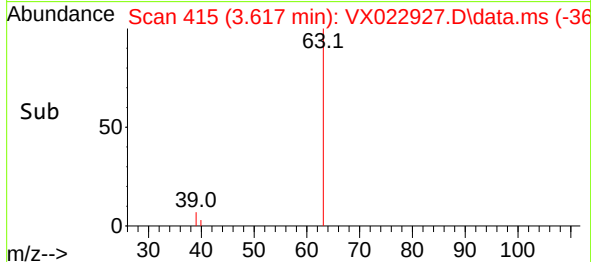
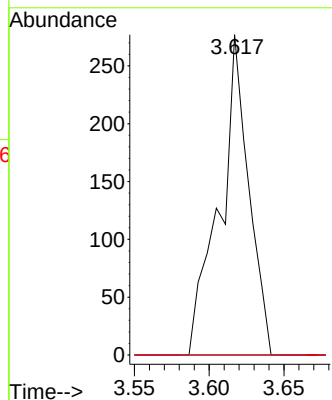
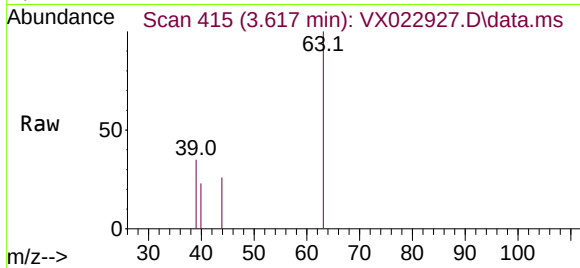




#24
 1,1-Dichloroethane
 Concen: 0.28 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: VX022927.D
 Acq: 25 Jun 2021 16:50

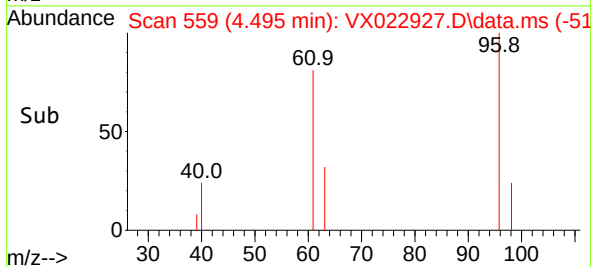
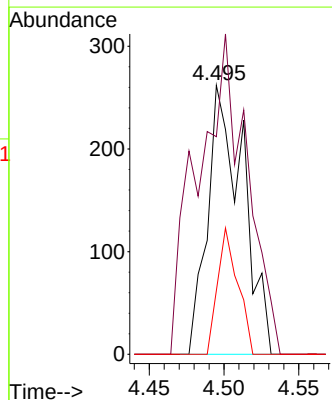
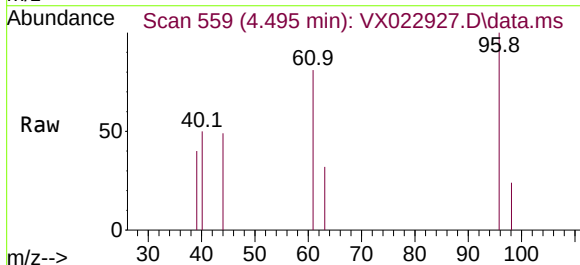
Instrument :
 MSVOA_X
 ClientSampled :

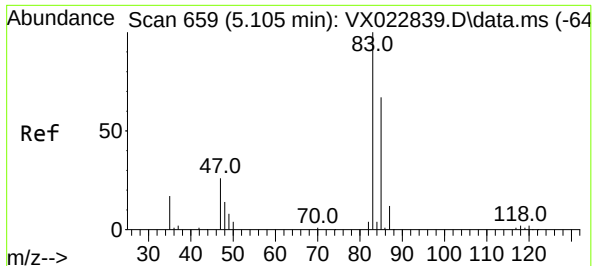
Tgt Ion: 63 Resp: 376
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.5 7.5#



#27
 cis-1,2-Dichloroethene
 Concen: 0.56 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: VX022927.D
 Acq: 25 Jun 2021 16:50

Tgt Ion: 96 Resp: 433
 Ion Ratio Lower Upper
 96 100
 61 163.5 0.0 285.6
 98 26.6 0.0 129.6





#30

Chloroform

Concen: 0.24 ug/l

RT: 5.098 min Scan# 658

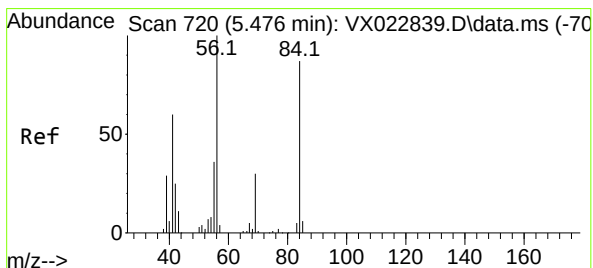
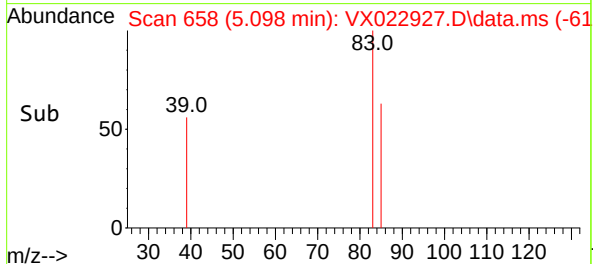
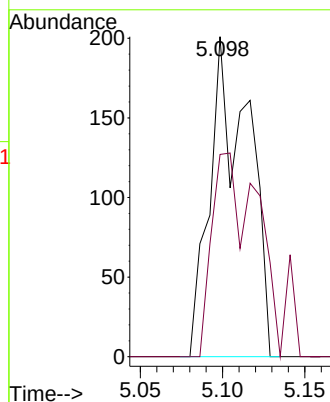
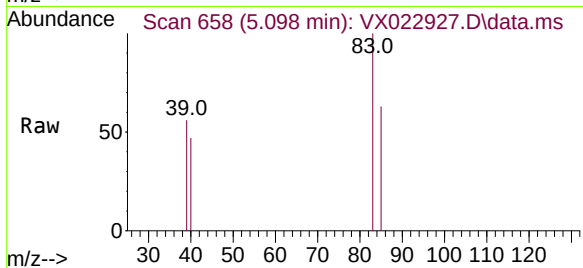
Delta R.T. -0.007 min

Lab File: VX022927.D

Acq: 25 Jun 2021 16:50

Tgt Ion: 83 Resp: 325

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.0	78.0



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 5.568 min Scan# 735

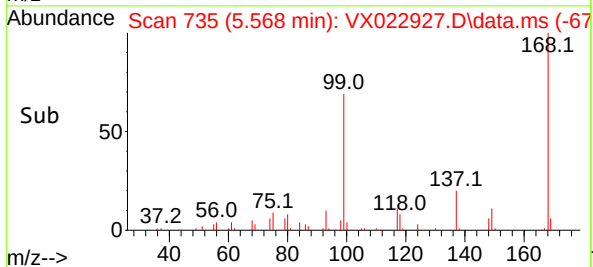
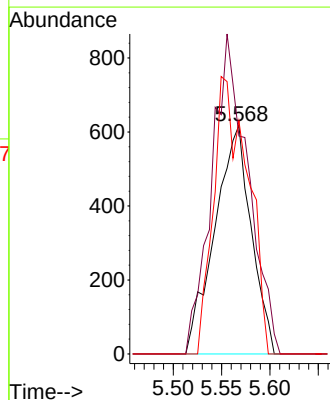
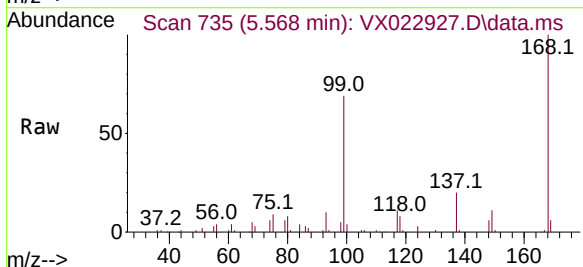
Delta R.T. 0.092 min

Lab File: VX022927.D

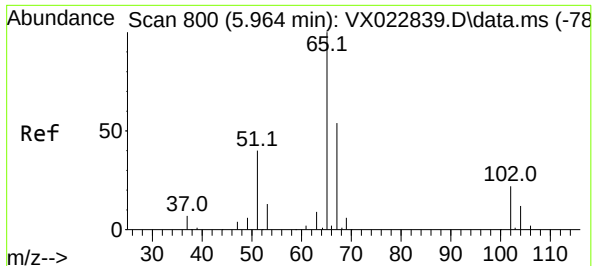
Acq: 25 Jun 2021 16:50

Tgt Ion: 56 Resp: 1617

Ion	Ratio	Lower	Upper
56	100		
69	95.3	25.3	37.9#
84	101.9	71.4	107.0



Instrument :
MSVOA_X
ClientSampled :



#33

1,2-Dichloroethane-d4

Concen: 51.51 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022927.D

Acq: 25 Jun 2021 16:50

Tgt Ion: 65 Resp: 45523

Ion Ratio Lower Upper

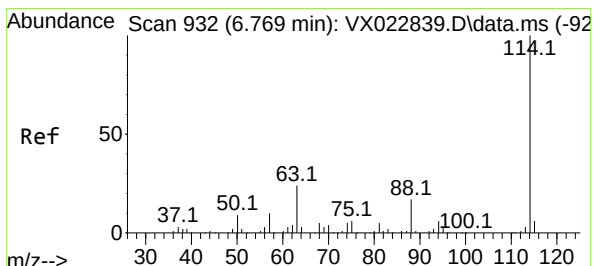
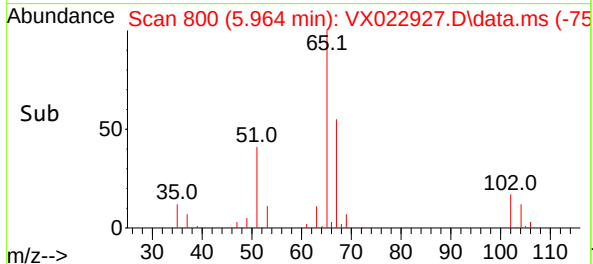
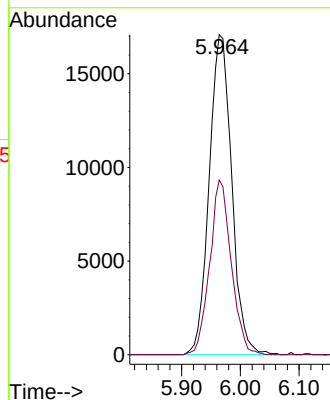
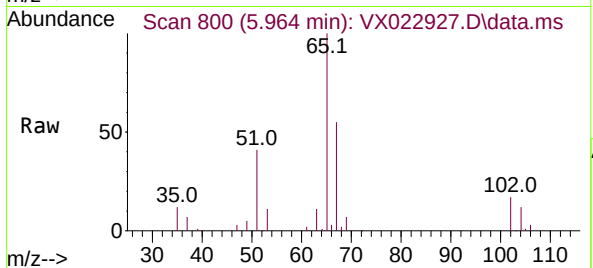
65 100

67 52.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022927.D

Acq: 25 Jun 2021 16:50

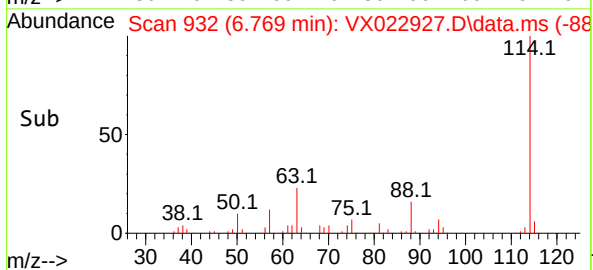
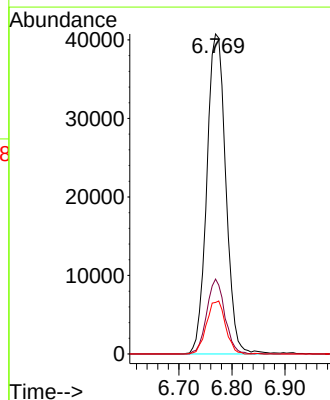
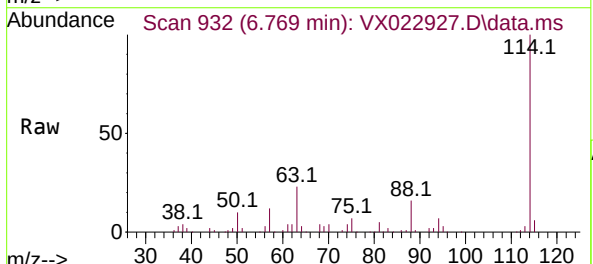
Tgt Ion: 114 Resp: 101307

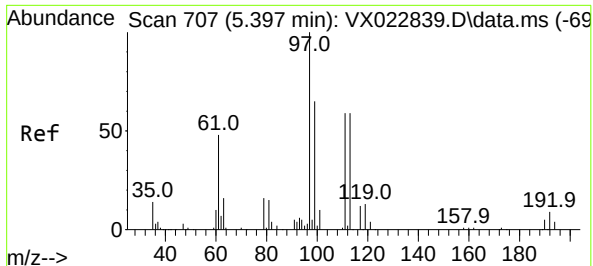
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.8

88 16.1 0.0 32.8

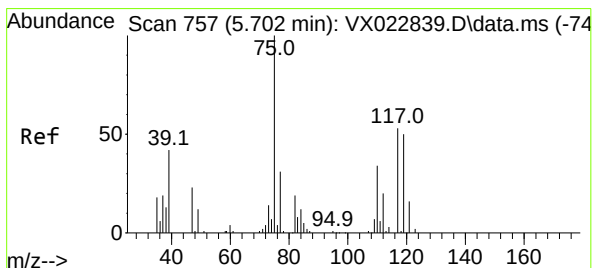
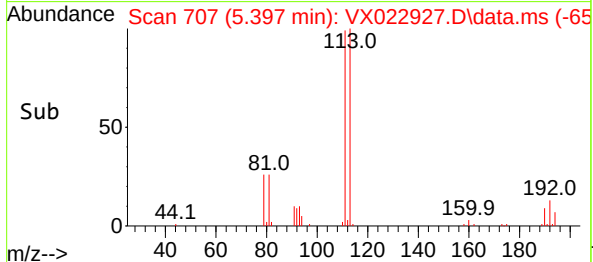
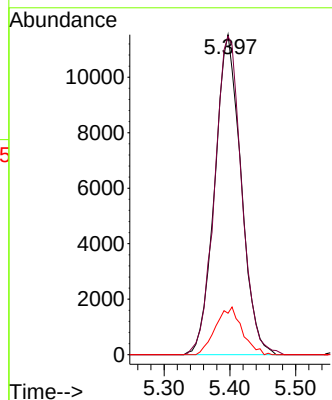
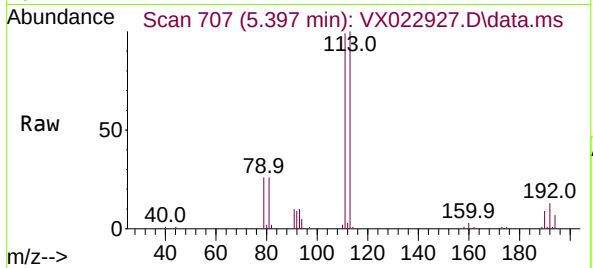




#35
Dibromofluoromethane
Concen: 49.85 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

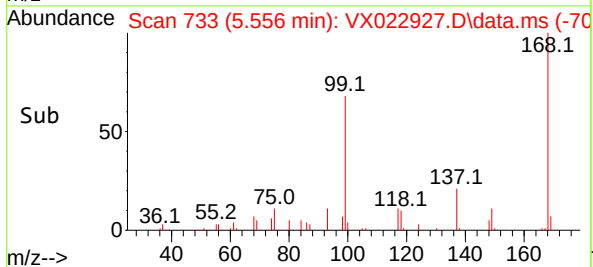
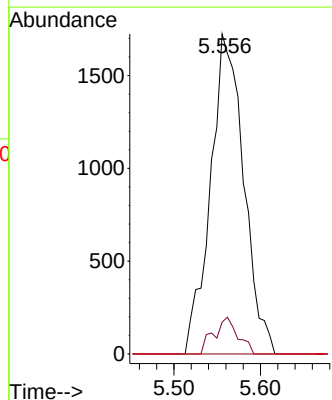
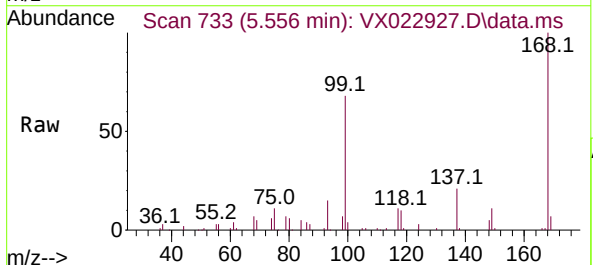
Instrument :
MSVOA_X
ClientSampled :

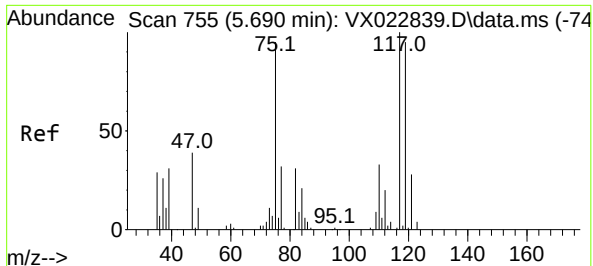
Tgt Ion:113 Resp: 32070
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 14.9 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion: 75 Resp: 4594
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#

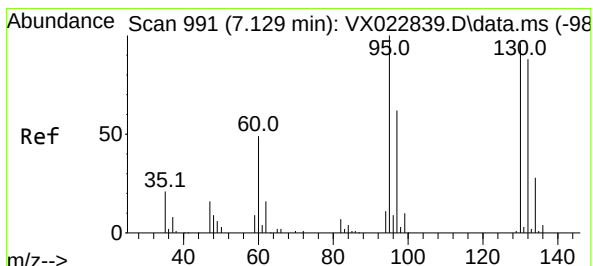
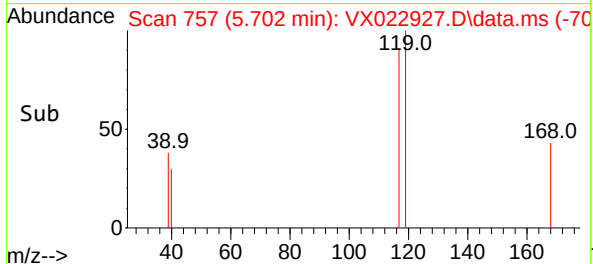
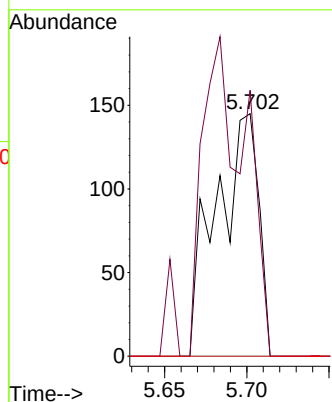
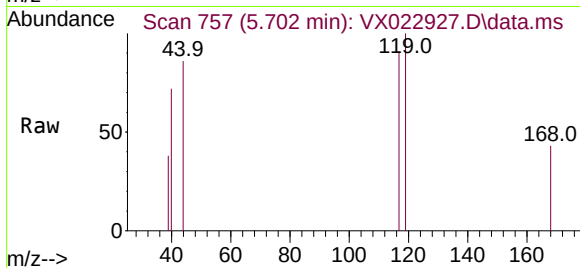




#38
Carbon Tetrachloride
Concen: 0.29 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

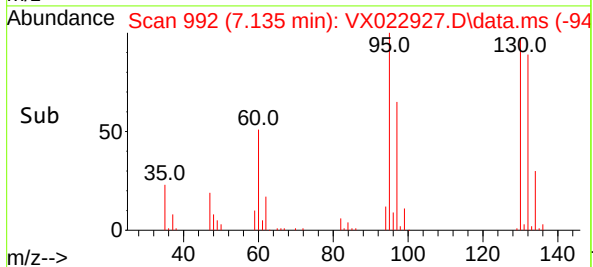
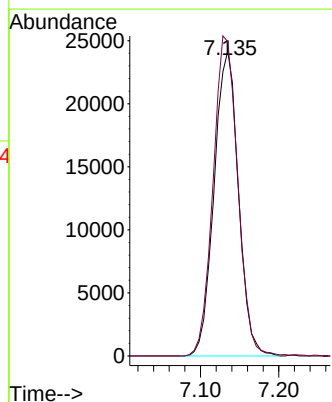
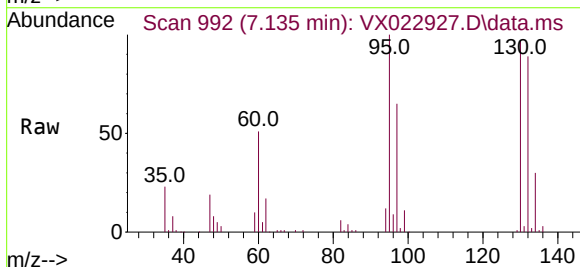
Instrument :
MSVOA_X
ClientSampled :

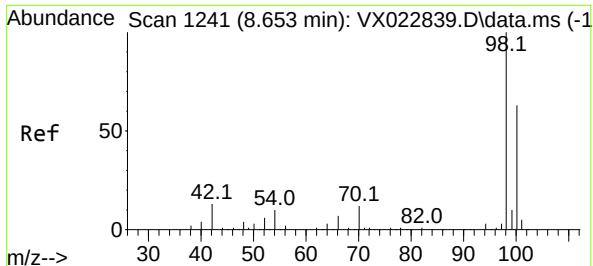
Tgt Ion:117 Resp: 260
Ion Ratio Lower Upper
117 100
119 109.7 76.2 114.2
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 70.91 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion:130 Resp: 52179
Ion Ratio Lower Upper
130 100
95 103.1 0.0 198.0





#50

Toluene-d8

Concen: 50.67 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022927.D

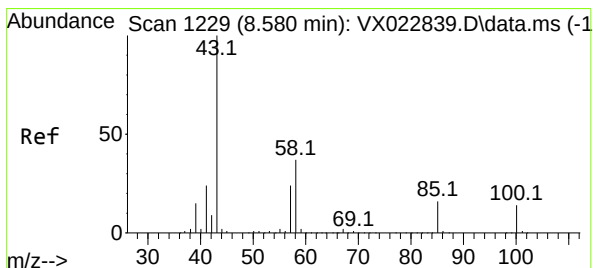
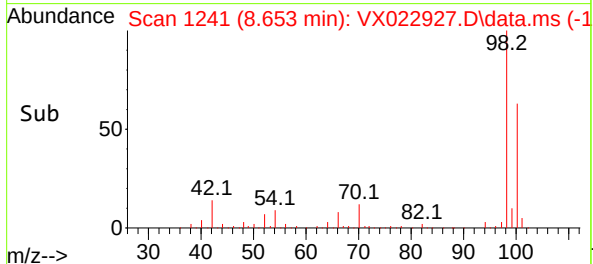
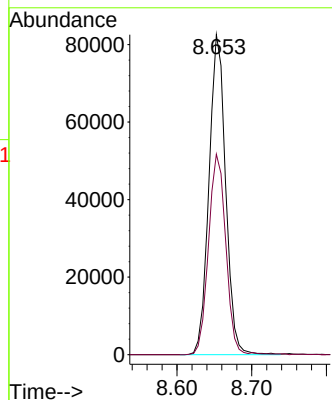
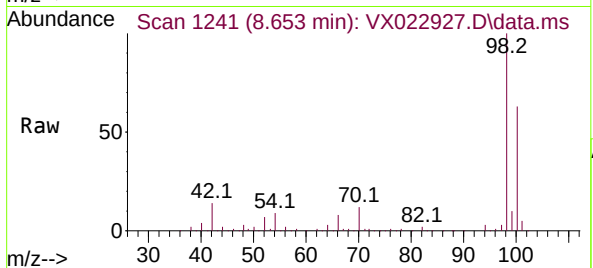
Acq: 25 Jun 2021 16:50

Tgt Ion: 98 Resp: 127760

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.51 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX022927.D

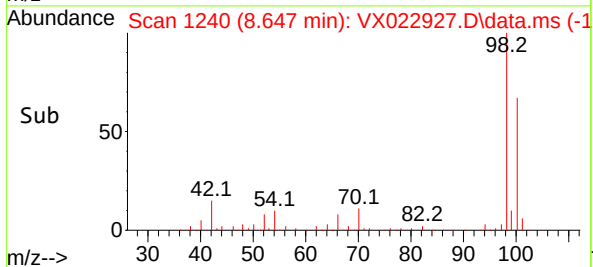
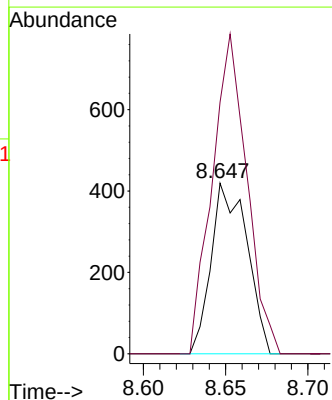
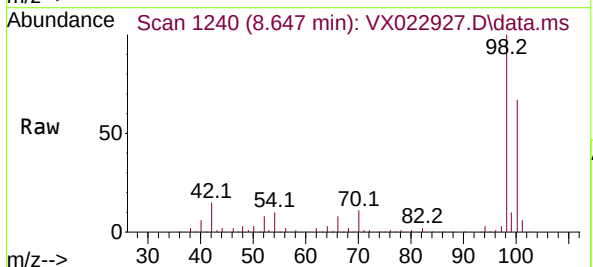
Acq: 25 Jun 2021 16:50

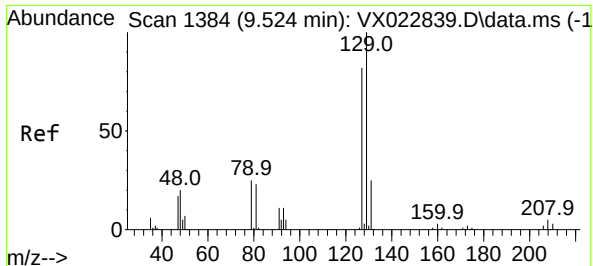
Tgt Ion: 43 Resp: 636

Ion Ratio Lower Upper

43 100

58 181.3 35.4 53.0#





#60

Dibromochloromethane

Concen: 3.72 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.243 min

Lab File: VX022927.D

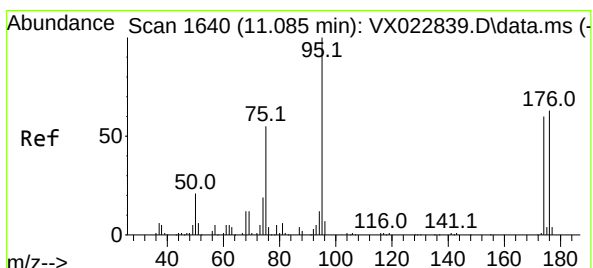
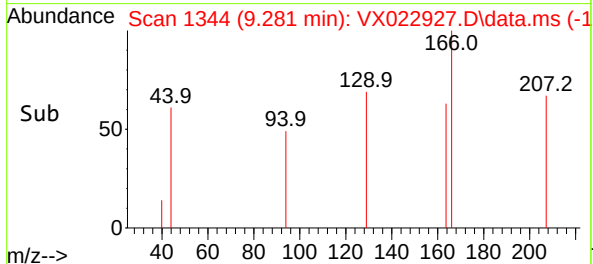
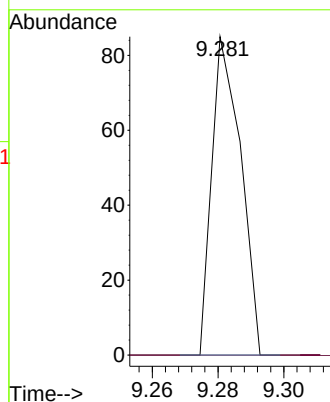
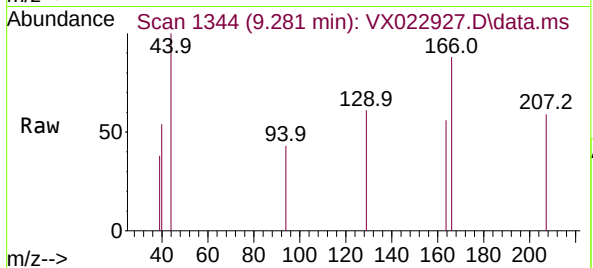
Acq: 25 Jun 2021 16:50

Tgt Ion:129 Resp: 52

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 48.40 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022927.D

Acq: 25 Jun 2021 16:50

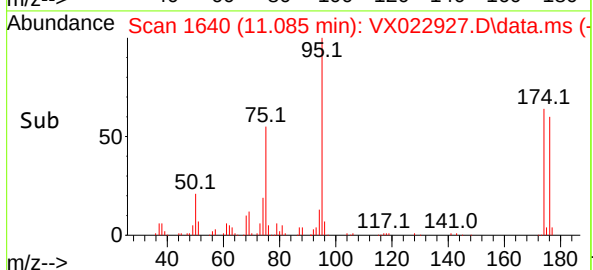
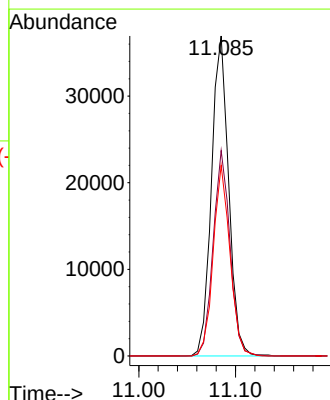
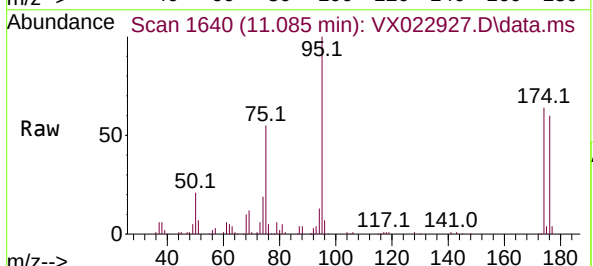
Tgt Ion: 95 Resp: 45542

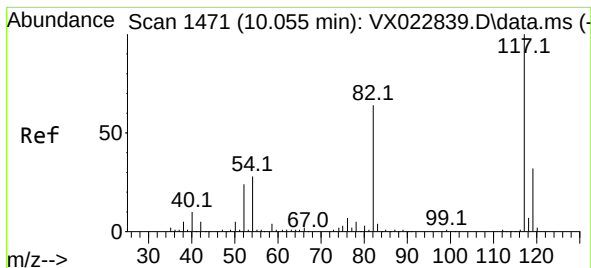
Ion Ratio Lower Upper

95 100

174 63.0 0.0 154.6

176 58.1 0.0 155.8

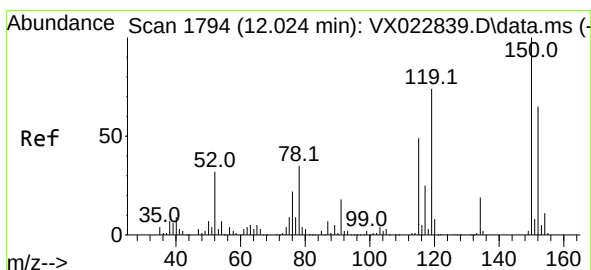
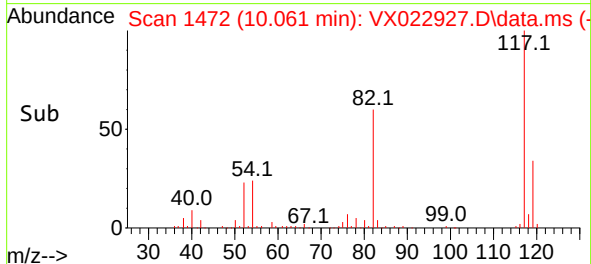
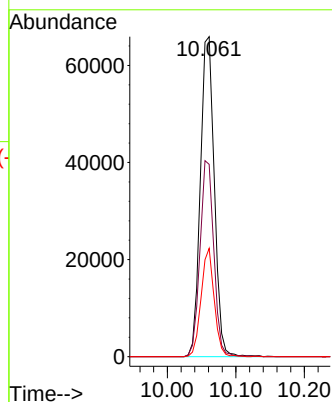
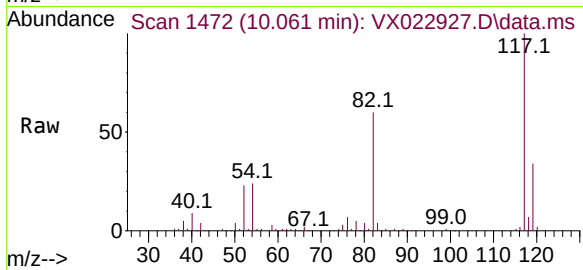




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

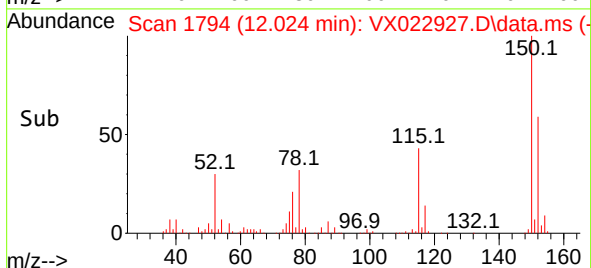
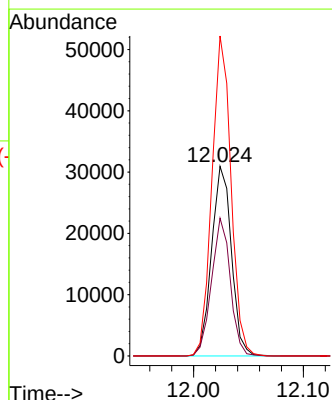
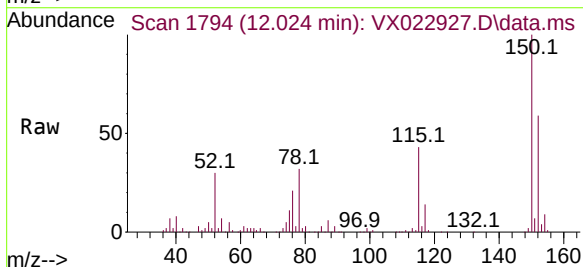
Instrument :
MSVOA_X
ClientSampled :

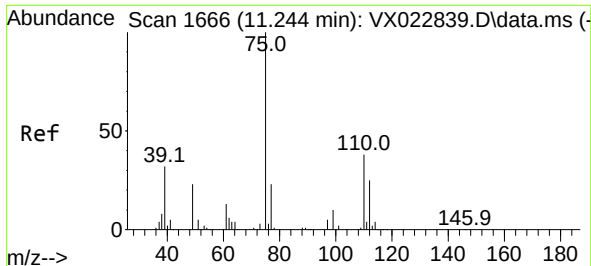
Tgt Ion:117 Resp: 93763
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 33.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion:152 Resp: 38863
Ion Ratio Lower Upper
152 100
115 68.9 41.1 123.3
150 162.2 0.0 349.0

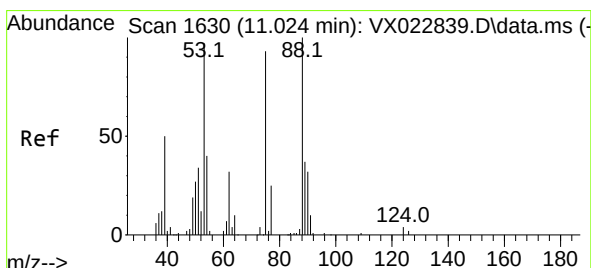
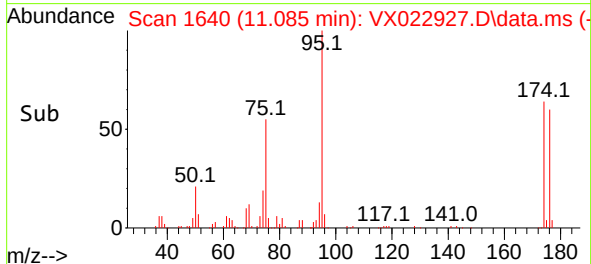
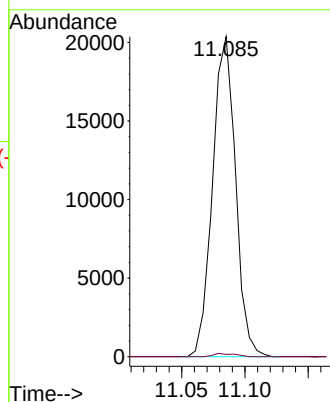
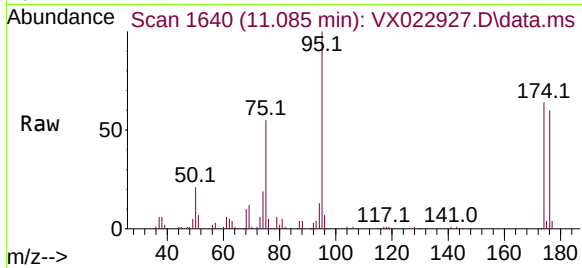




#76
1,2,3-Trichloropropane
Concen: 25.02 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 25685
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022927.D
Acq: 25 Jun 2021 16:50

Tgt Ion: 75 Resp: 25685
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

