

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029714.D
 Acq On : 23 Jun 2022 02:16
 Operator : JC/MD
 Sample : VX0622WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBL02

Quant Time: Jun 23 04:12:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

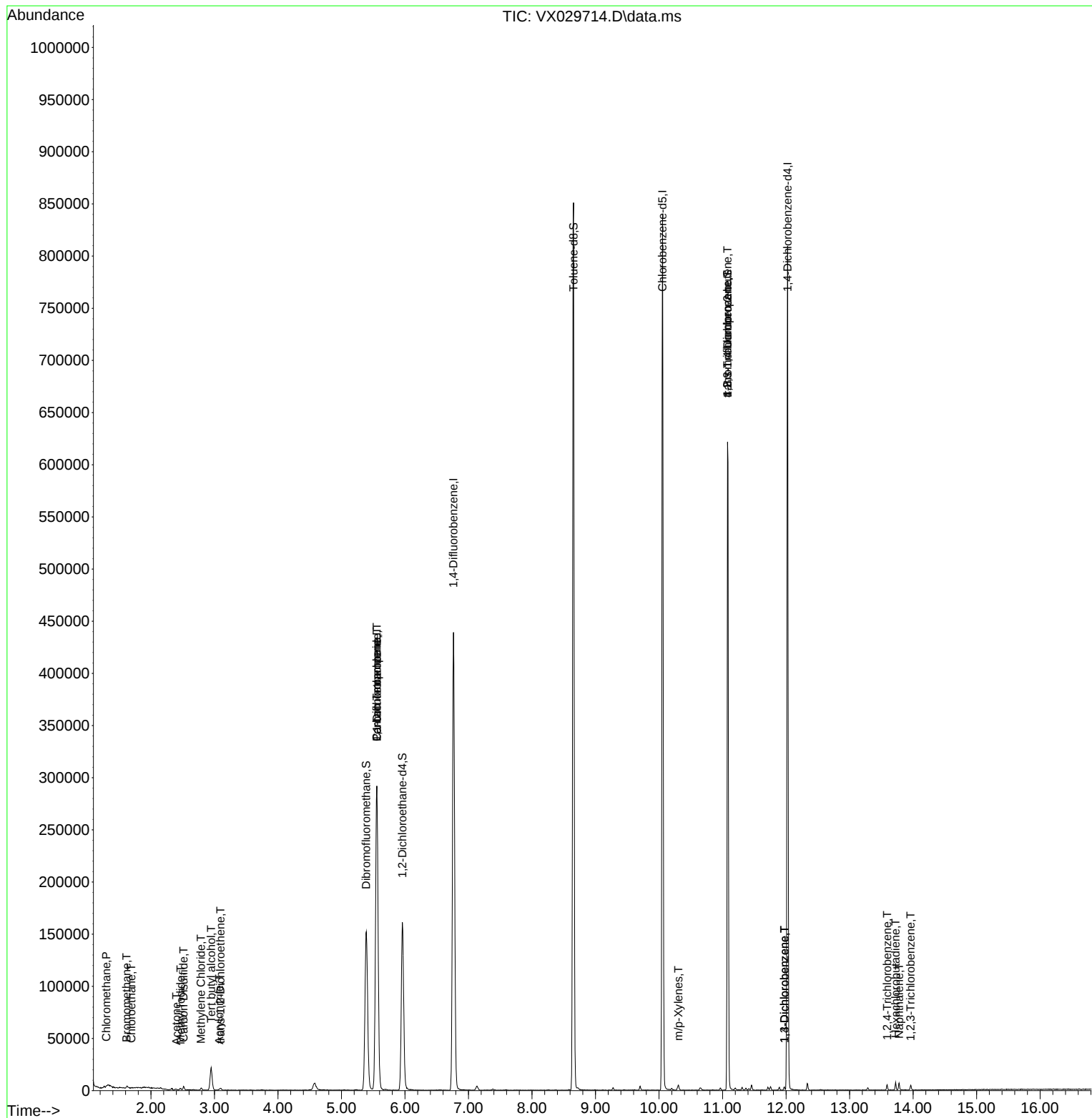
Internal Standards						
1) Pentafluorobenzene	5.556	168	285307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	476955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149055	39.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.940%
35) Dibromofluoromethane	5.385	113	139494	44.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	8.653	98	531545	46.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.620%
62) 4-Bromofluorobenzene	11.079	95	184424	43.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1100	0.296	ug/l	98
5) Bromomethane	1.618	94	1021	0.584	ug/l	97
6) Chloroethane	1.691	64	229	1.376	ug/l #	43
10) Methyl Iodide	2.465	142	1741	3.497	ug/l #	94
11) Tert butyl alcohol	2.947	59	12021	5.558	ug/l #	74
15) Acrylonitrile	3.075	53	688	0.389	ug/l #	76
16) Acetone	2.398	43	938	0.623	ug/l #	74
17) Carbon Disulfide	2.514	76	4212	0.562	ug/l #	92
20) Methylene Chloride	2.788	84	960	0.286	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	759	0.240	ug/l	95
36) 1,1-Dichloropropene	5.556	75	20561	4.887	ug/l #	49
38) Carbon Tetrachloride	5.556	117	28808	6.964	ug/l #	15
44) Trichloroethene	7.129	130	1804	Below Cal		87
68) m/p-Xylenes	10.305	106	1109	0.200	ug/l	79
76) 1,2,3-Trichloropropane	11.079	75	86642	23.462	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86642	78.051	ug/l #	15
87) 1,3-Dichlorobenzene	11.975	146	1240	0.224	ug/l	86
88) 1,4-Dichlorobenzene	11.975	146	1240	0.225	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	1406	0.424	ug/l	95
94) Hexachlorobutadiene	13.725	225	1194	0.880	ug/l	93
95) Naphthalene	13.780	128	4941	0.416	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1469	0.443	ug/l	97

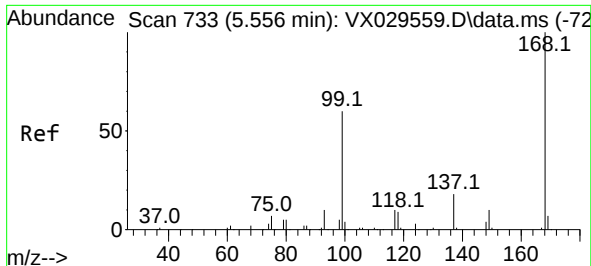
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
Data File : VX029714.D
Acq On : 23 Jun 2022 02:16
Operator : JC/MD
Sample : VX0622WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

Quant Time: Jun 23 04:12:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

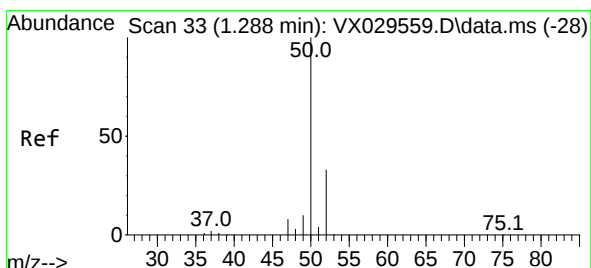
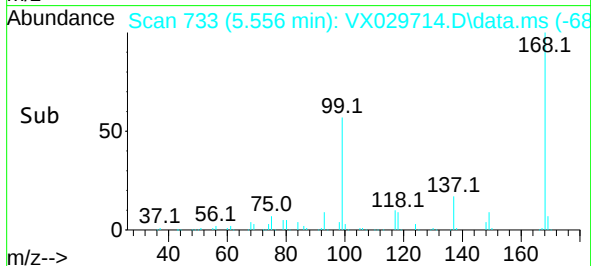
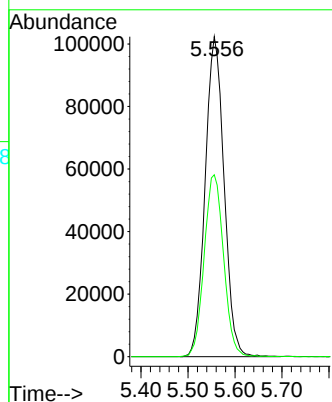
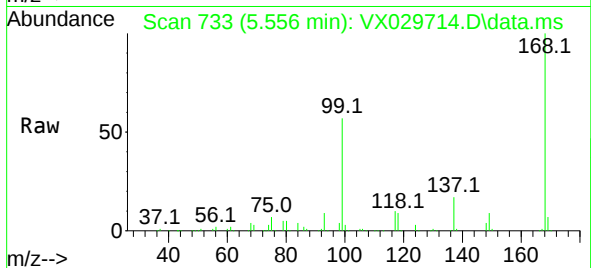




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

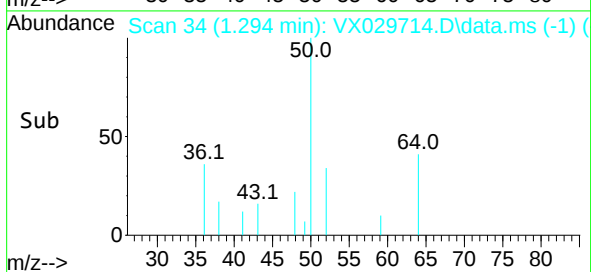
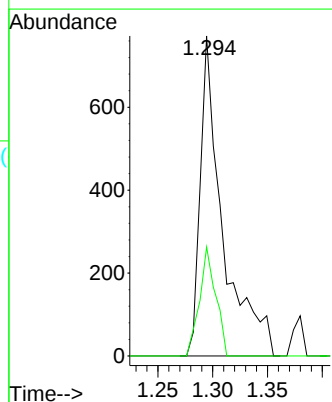
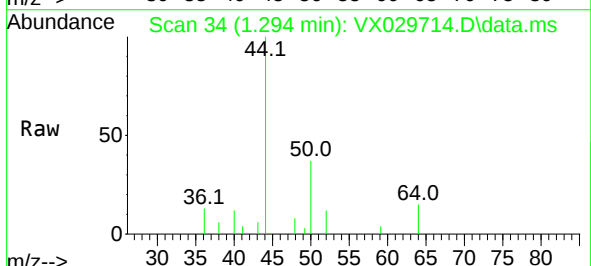
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

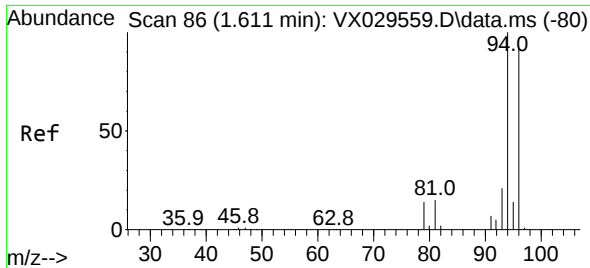
Tgt Ion:168 Resp: 285307
Ion Ratio Lower Upper
168 100
99 56.8 41.7 62.5



#3
Chloromethane
Concen: 0.296 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion: 50 Resp: 1100
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

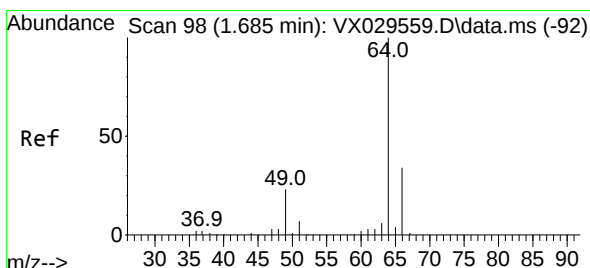
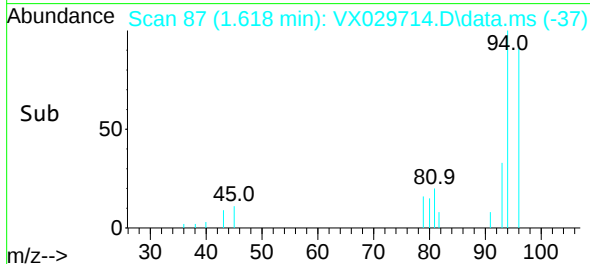
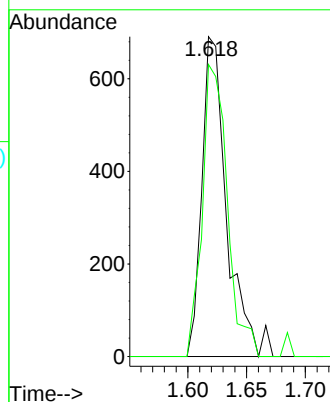
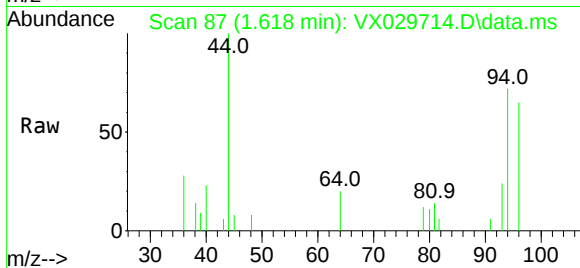




#5
Bromomethane
Concen: 0.584 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

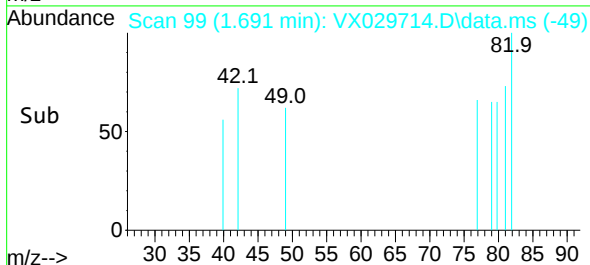
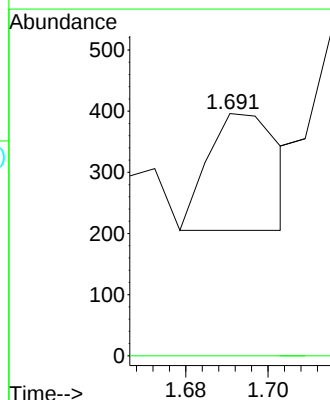
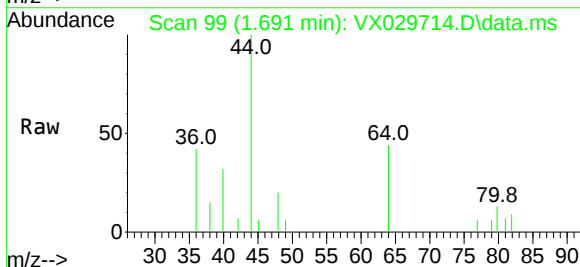
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

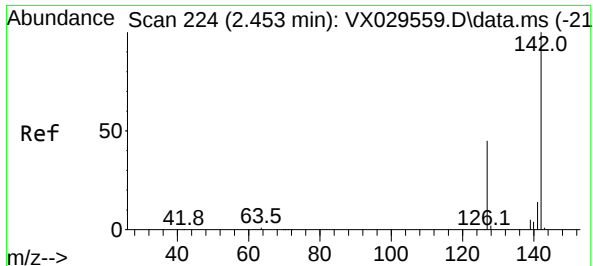
Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 91.3 75.3 112.9



#6
Chloroethane
Concen: 1.376 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

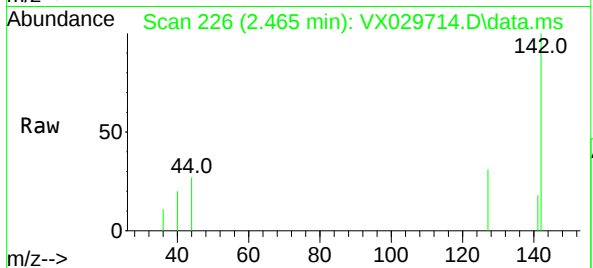
Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9



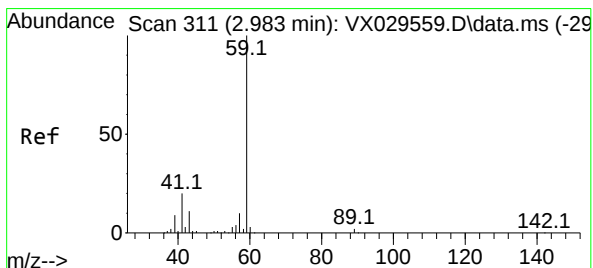
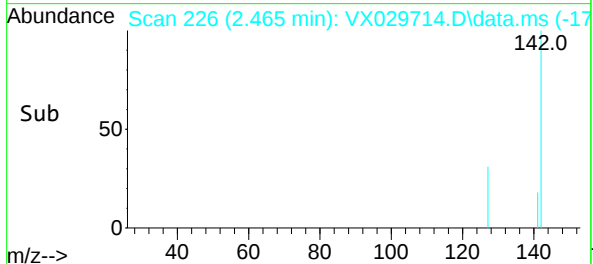
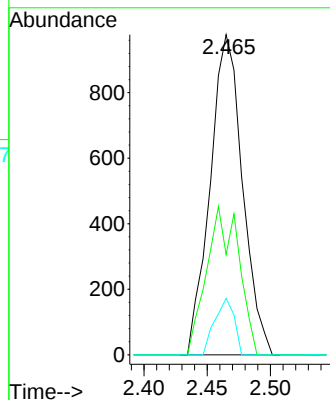


#10
Methyl Iodide
Concen: 3.497 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

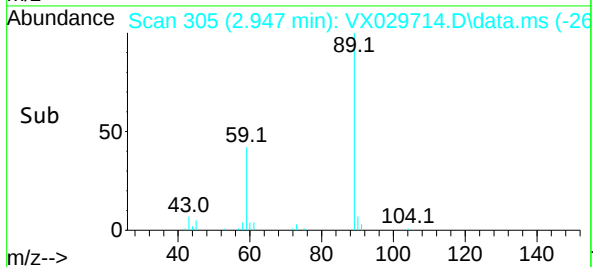
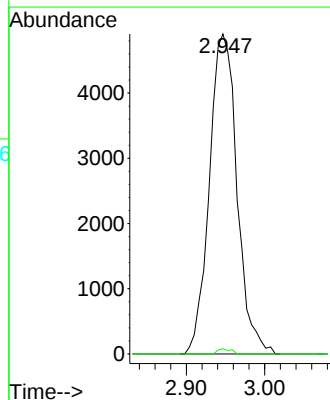
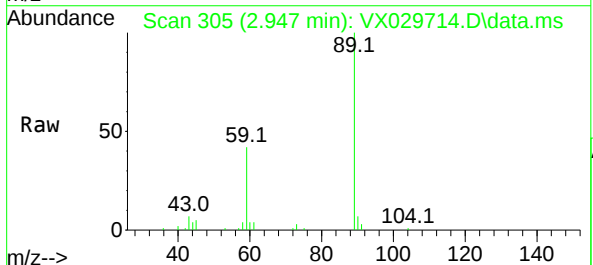


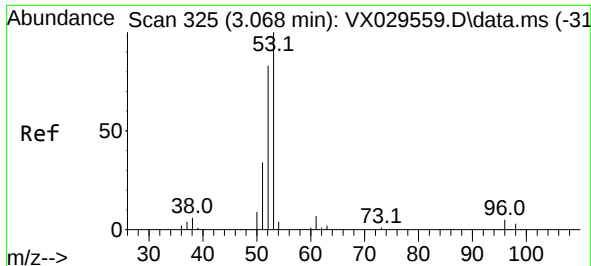
Tgt Ion:142 Resp: 1741
Ion Ratio Lower Upper
142 100
127 45.6 33.9 50.9
141 10.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: 5.558 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion: 59 Resp: 12021
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#





#15

Acrylonitrile

Concen: 0.389 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX029714.D

Acq: 23 Jun 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBL02

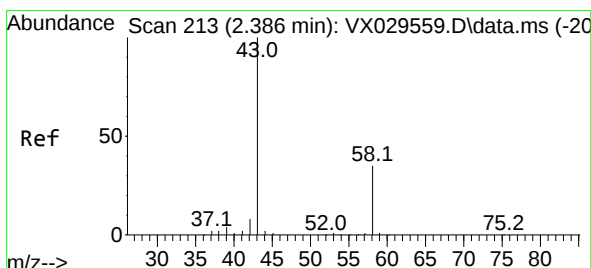
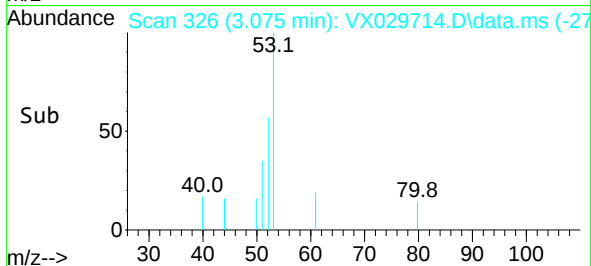
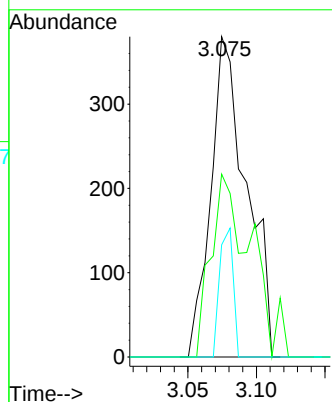
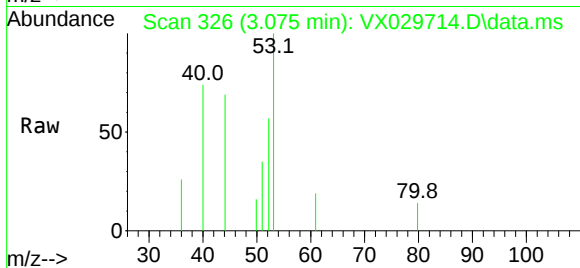
Tgt Ion: 53 Resp: 688

Ion Ratio Lower Upper

53 100

52 64.4 65.7 98.5#

51 15.3 28.4 42.6#



#16

Acetone

Concen: 0.623 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX029714.D

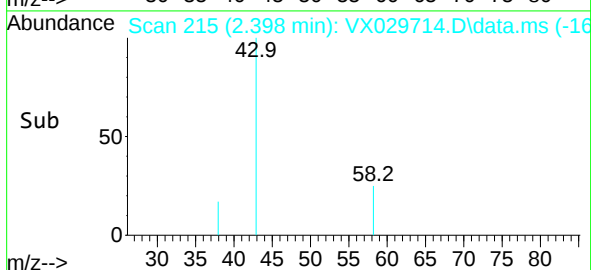
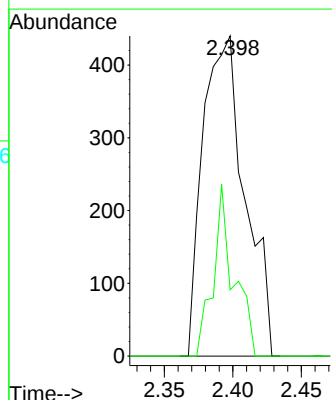
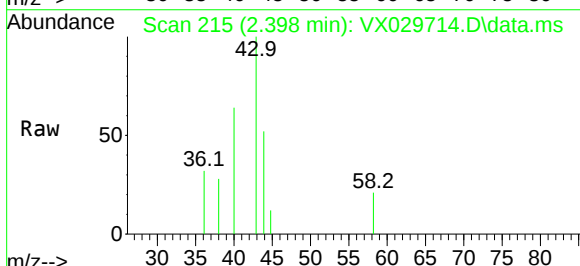
Acq: 23 Jun 2022 02:16

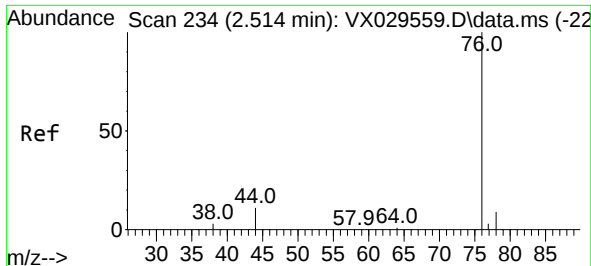
Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

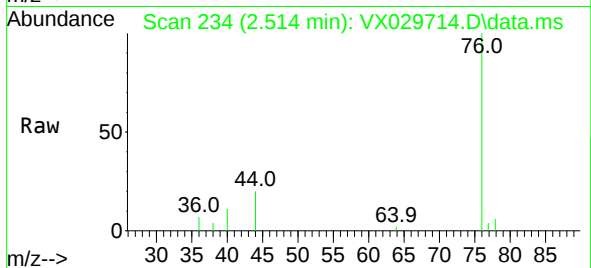
58 20.7 28.8 43.2#



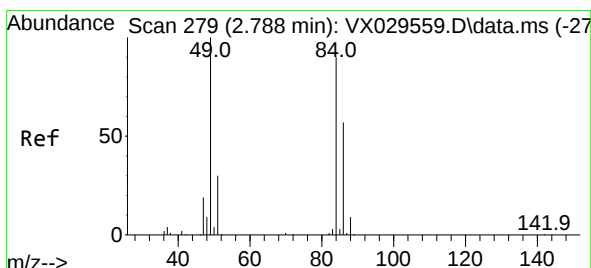
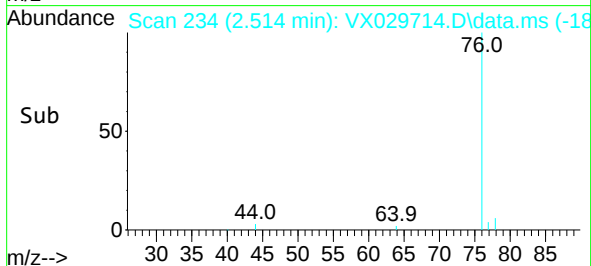
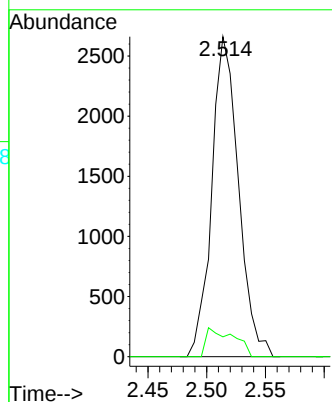


#17
Carbon Disulfide
Concen: 0.562 ug/l
RT: 2.514 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

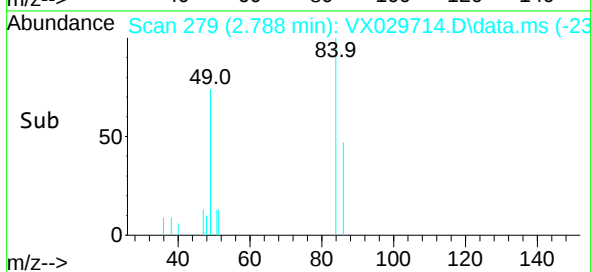
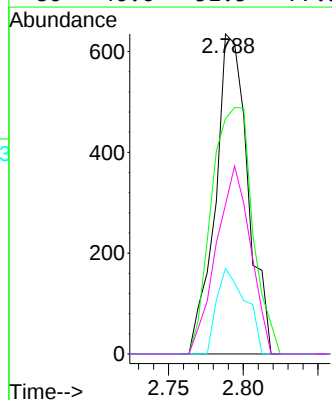
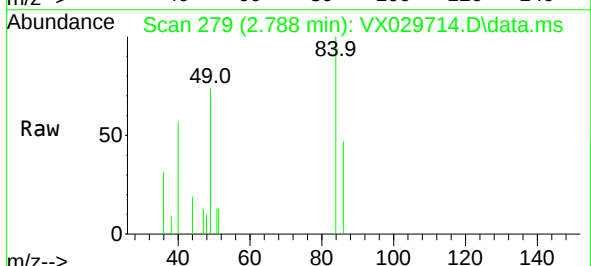


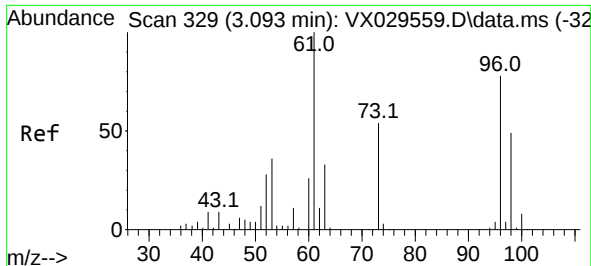
Tgt Ion: 76 Resp: 4212
Ion Ratio Lower Upper
76 100
78 6.2 7.2 10.8#



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion: 84 Resp: 960
Ion Ratio Lower Upper
84 100
49 73.5 85.5 128.3#
51 26.8 26.6 39.8
86 46.6 51.5 77.3#

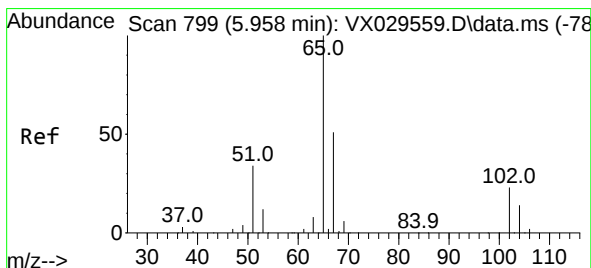
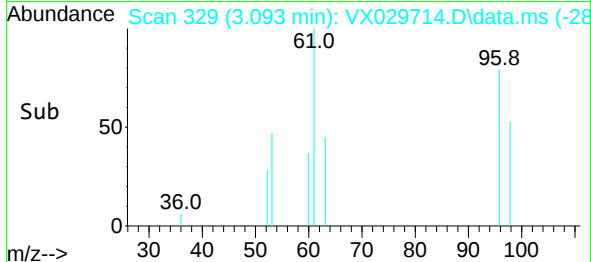
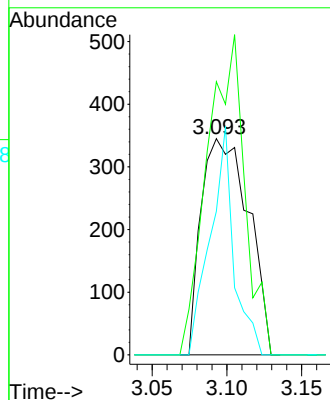
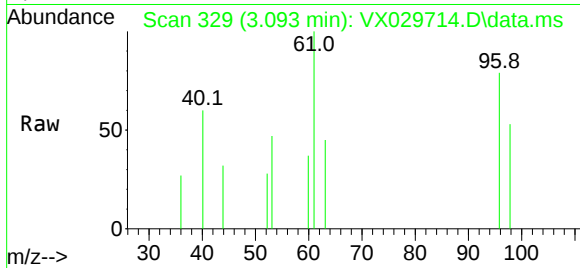




#21
trans-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

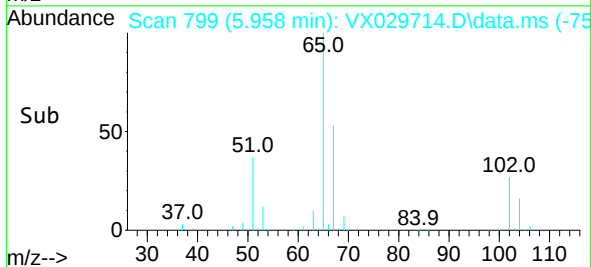
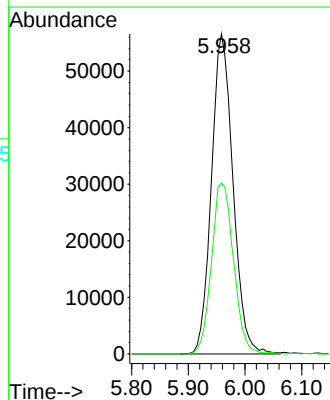
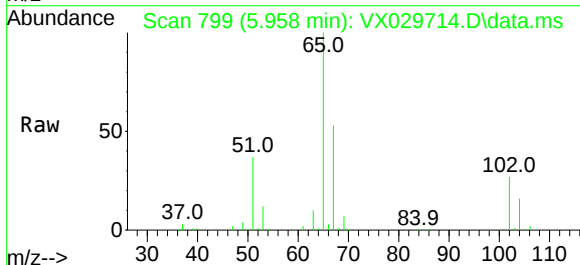
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

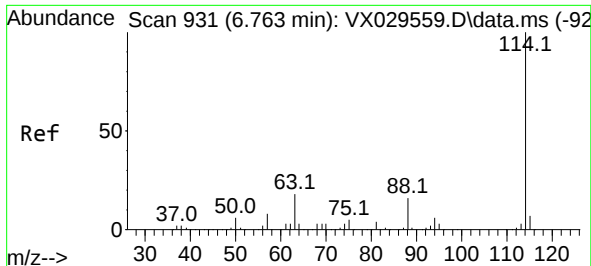
Tgt Ion: 96 Resp: 759
Ion Ratio Lower Upper
96 100
61 126.4 105.4 158.2
98 66.4 50.0 75.0



#33
1,2-Dichloroethane-d4
Concen: 39.467 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion: 65 Resp: 149055
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.4

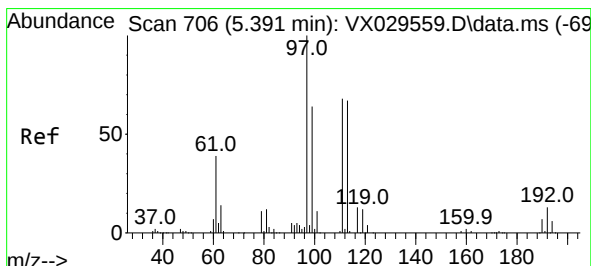
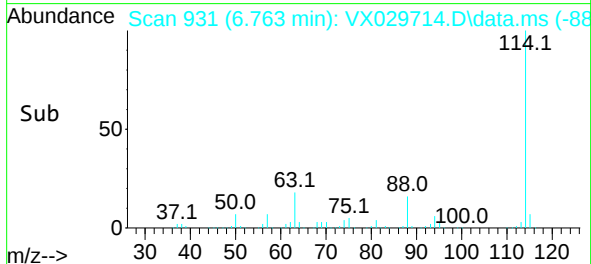
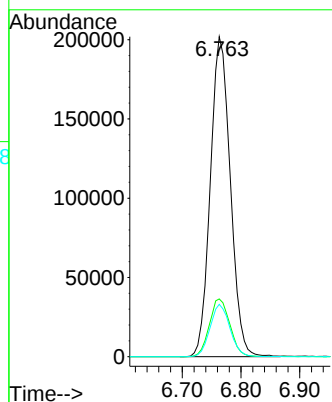
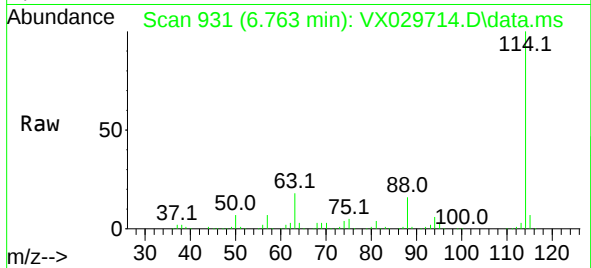




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

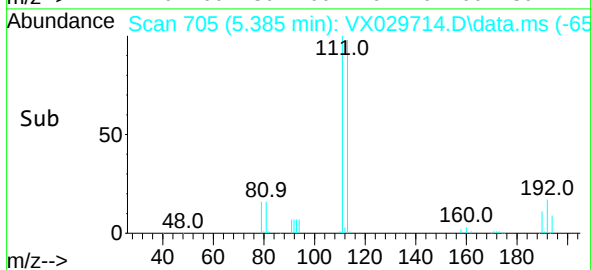
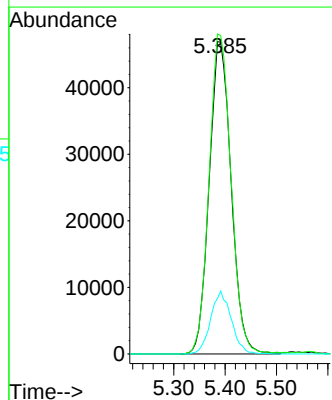
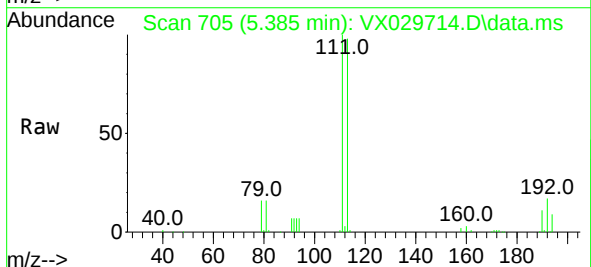
Instrument :
MSVOA_X
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VX0622WBL02

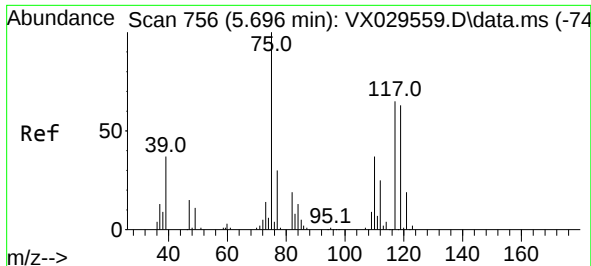
Tgt Ion:114 Resp: 476955
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion:113 Resp: 139494
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.9 16.9 25.3

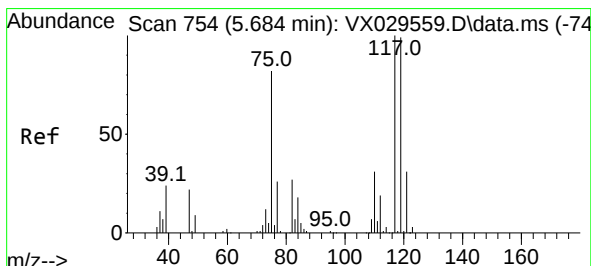
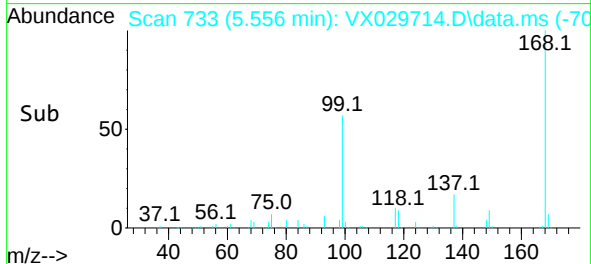
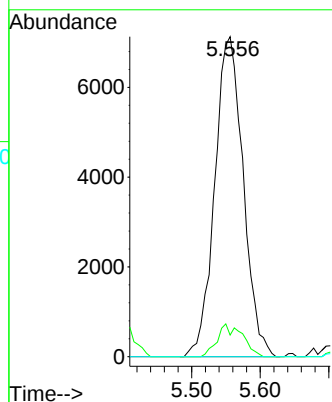
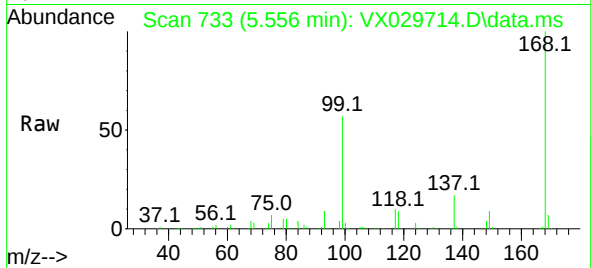




#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

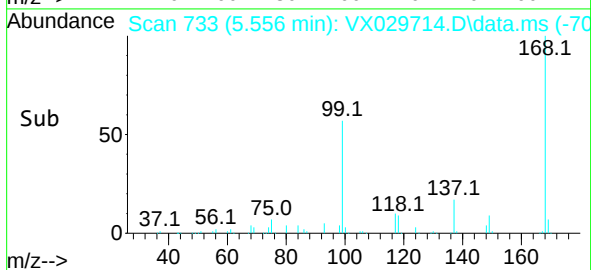
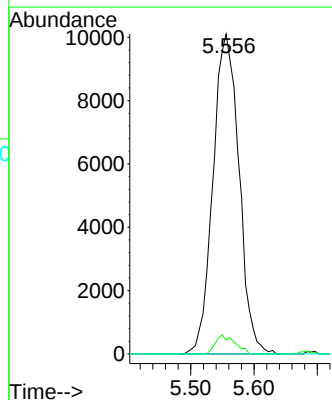
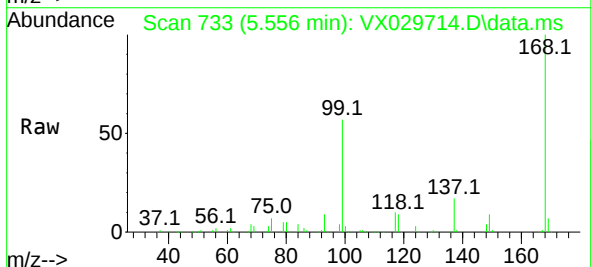
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

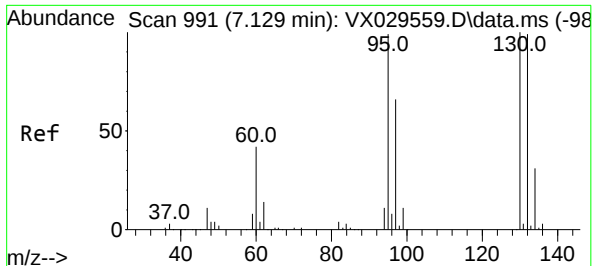
Tgt Ion: 75 Resp: 20561
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.964 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion: 117 Resp: 28808
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

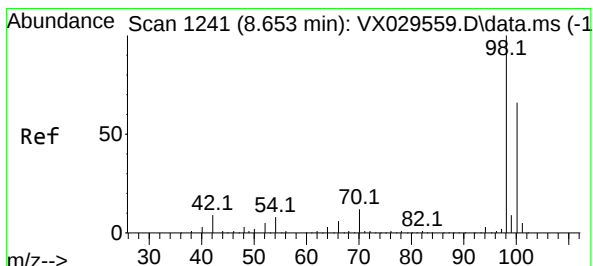
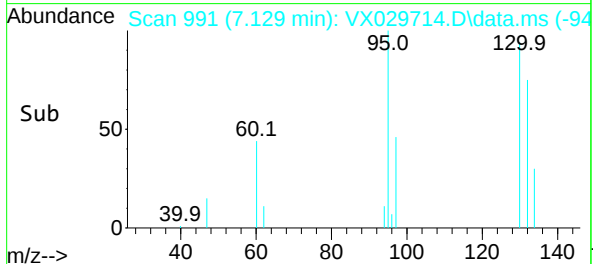
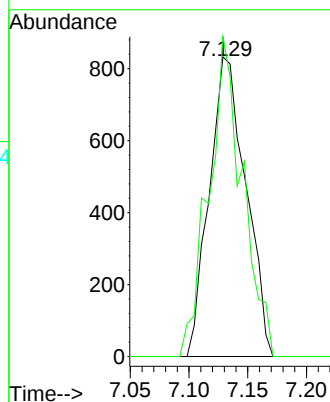
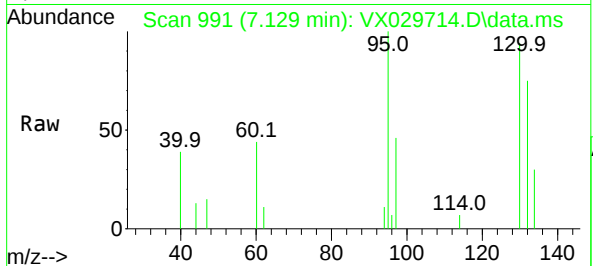




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029714.D
 Acq: 23 Jun 2022 02:16

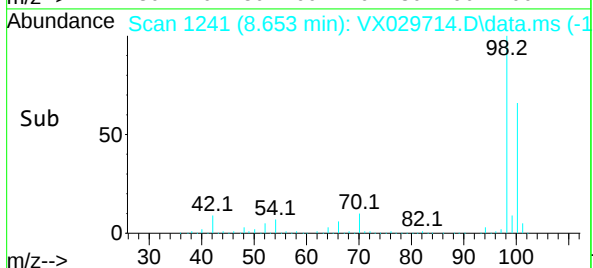
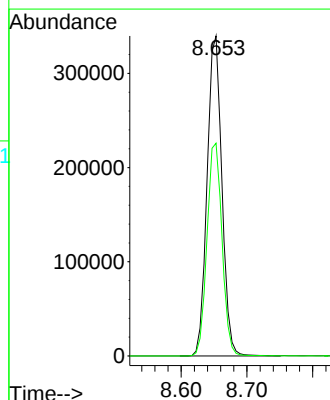
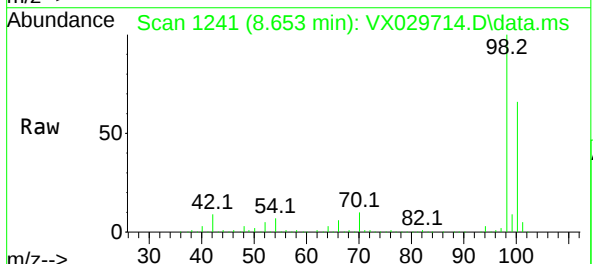
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBL02

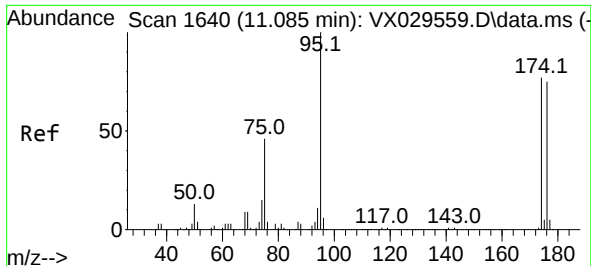
Tgt Ion:130 Resp: 1804
 Ion Ratio Lower Upper
 130 100
 95 106.7 0.0 188.8



#50
 Toluene-d8
 Concen: 46.811 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029714.D
 Acq: 23 Jun 2022 02:16

Tgt Ion: 98 Resp: 531545
 Ion Ratio Lower Upper
 98 100
 100 67.6 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 43.068 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029714.D

Acq: 23 Jun 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBL02

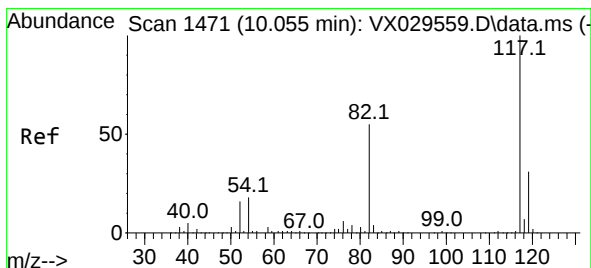
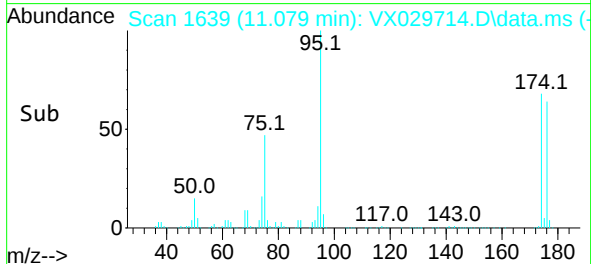
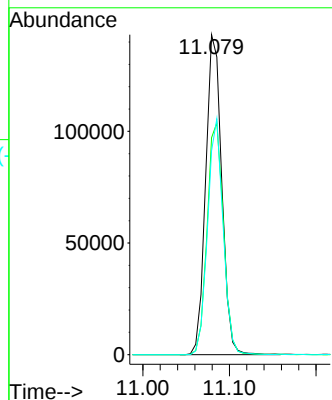
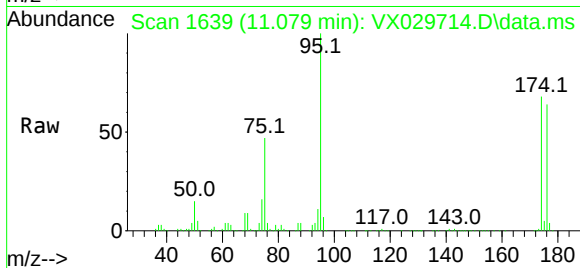
Tgt Ion: 95 Resp: 184424

Ion Ratio Lower Upper

95 100

174 73.6 0.0 163.0

176 71.3 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029714.D

Acq: 23 Jun 2022 02:16

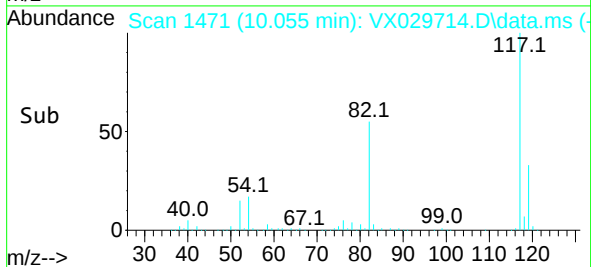
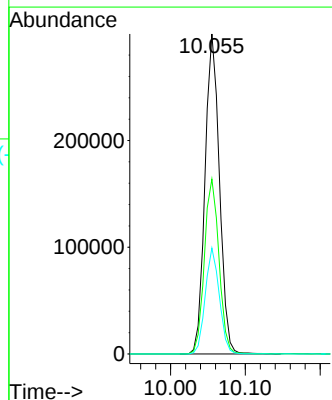
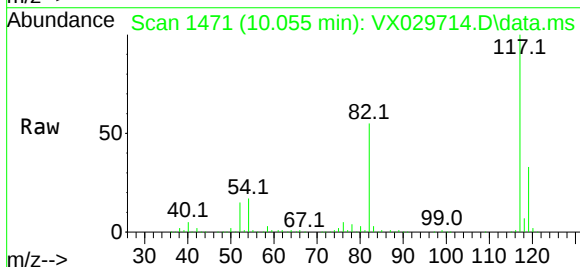
Tgt Ion: 117 Resp: 401911

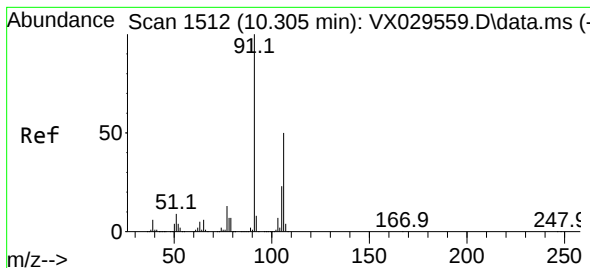
Ion Ratio Lower Upper

117 100

82 54.6 41.8 62.8

119 33.1 24.8 37.2

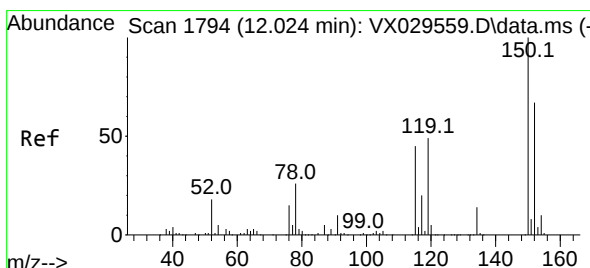
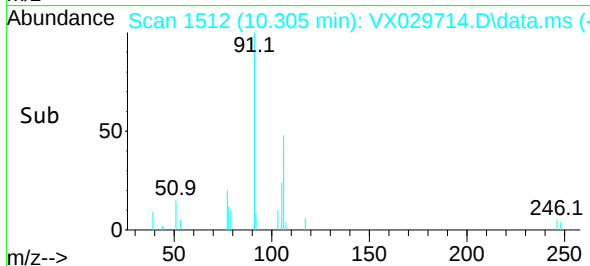
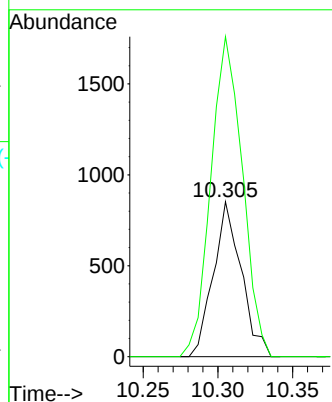
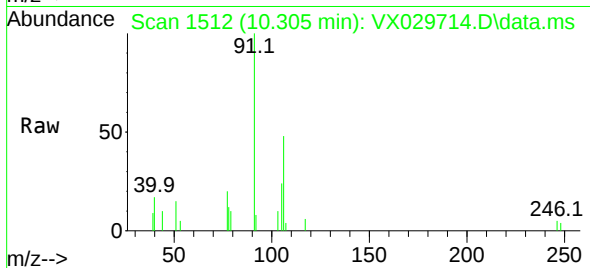




#68
m/p-Xylenes
Concen: 0.200 ug/l
RT: 10.305 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

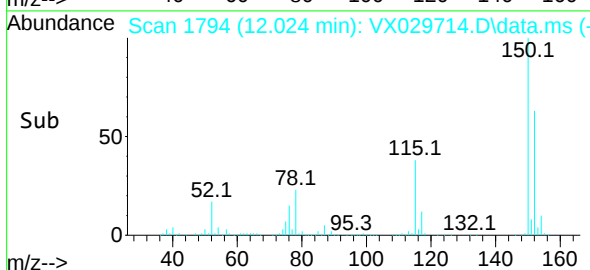
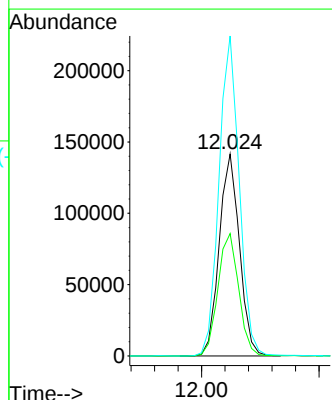
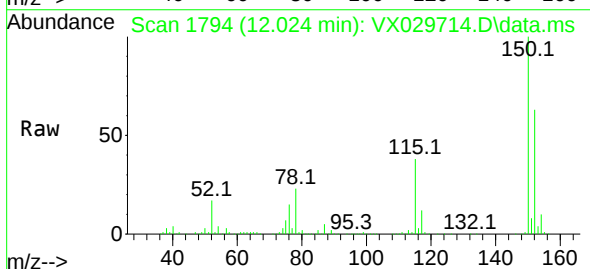
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

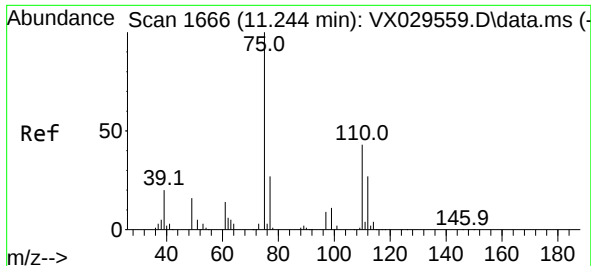
Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 233.0 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion:152 Resp: 169518
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 158.6 0.0 338.2

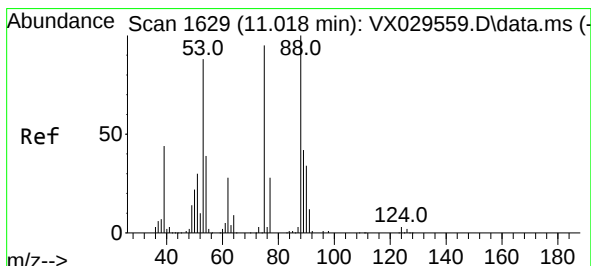
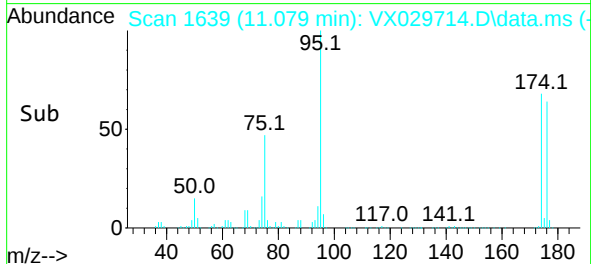
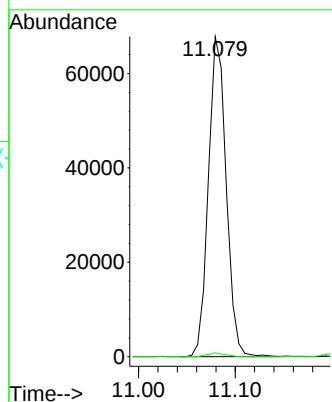
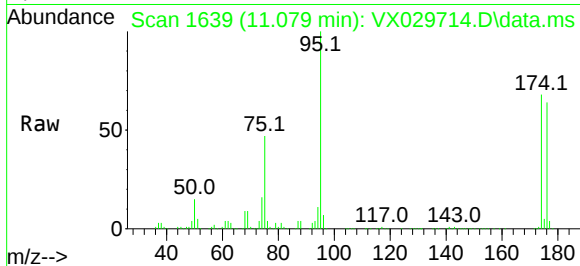




#76
1,2,3-Trichloropropane
Concen: 23.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

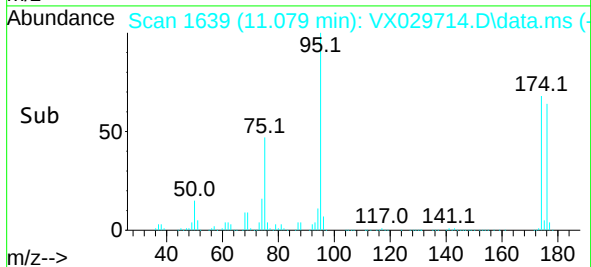
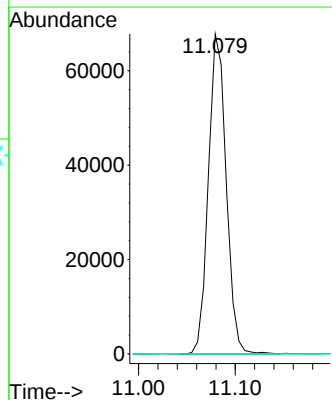
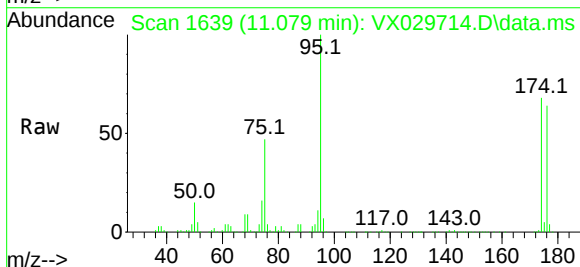
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

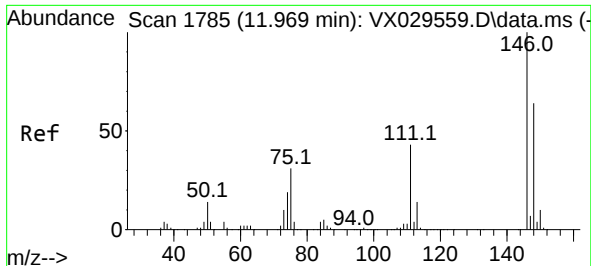
Tgt Ion: 75 Resp: 86642
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion: 75 Resp: 86642
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#87

1,3-Dichlorobenzene

Concen: 0.224 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX029714.D

Acq: 23 Jun 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBL02

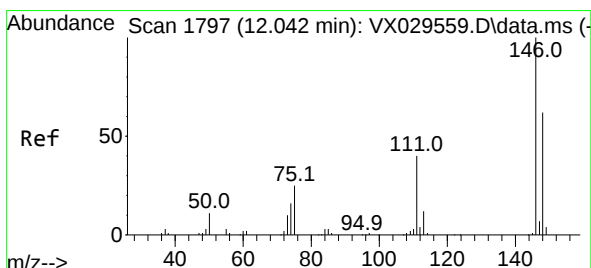
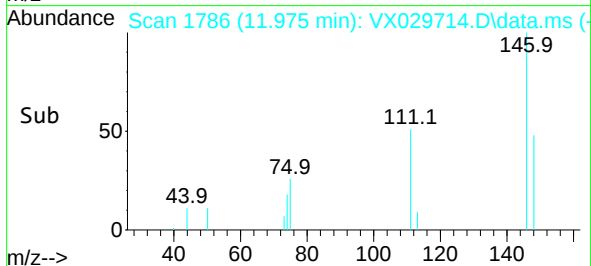
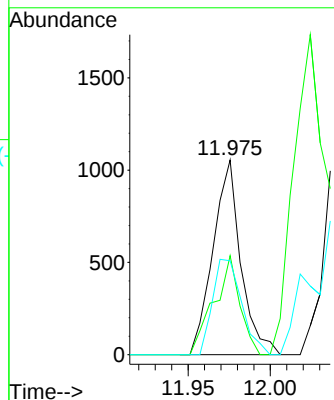
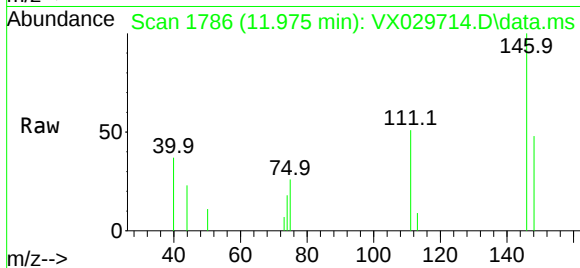
Tgt Ion:146 Resp: 1240

Ion Ratio Lower Upper

146 100

111 47.3 19.7 59.1

148 51.3 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 0.225 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX029714.D

Acq: 23 Jun 2022 02:16

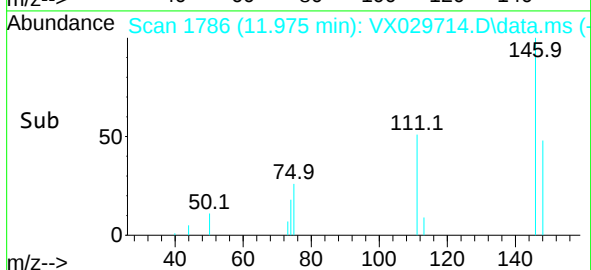
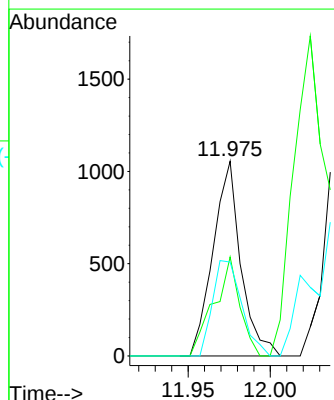
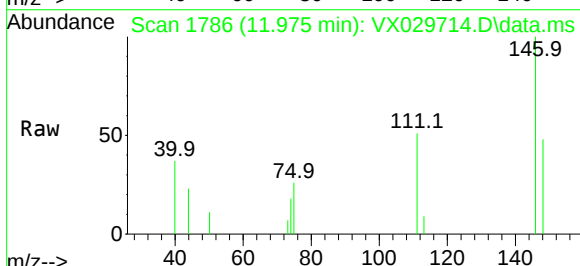
Tgt Ion:146 Resp: 1240

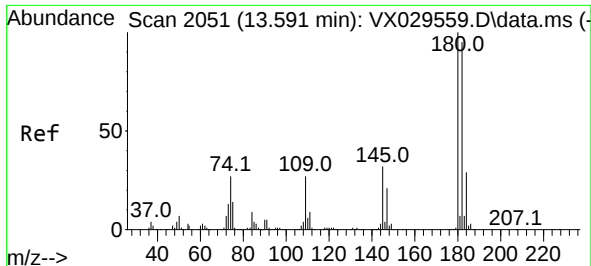
Ion Ratio Lower Upper

146 100

111 47.3 19.2 57.6

148 51.3 32.3 96.9

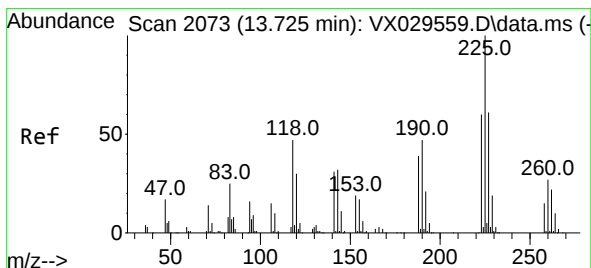
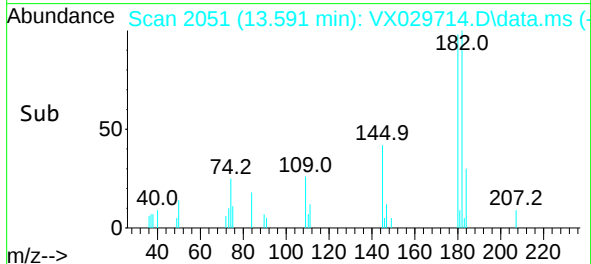
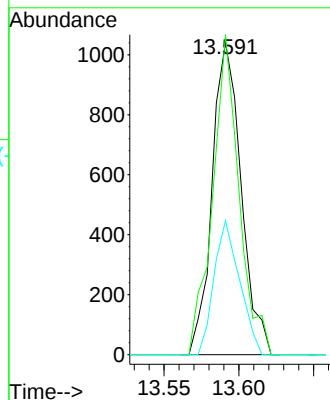
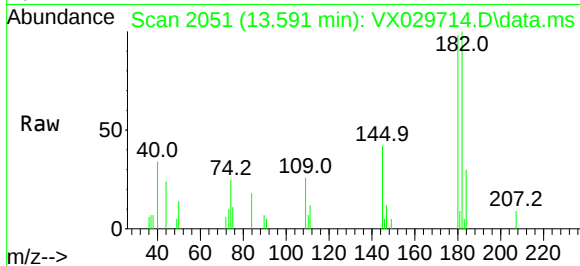




#93
1,2,4-Trichlorobenzene
Concen: 0.424 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

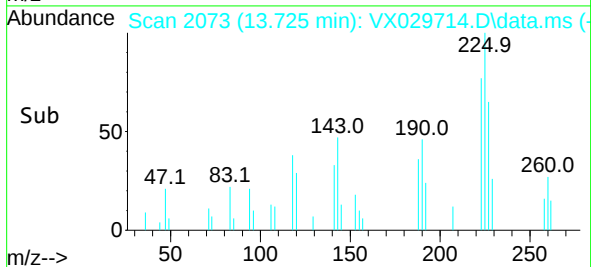
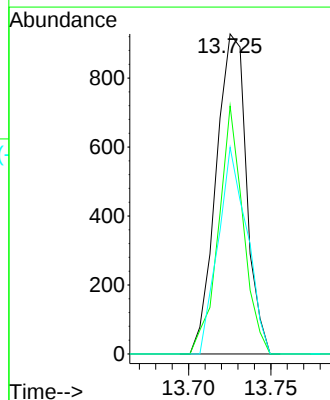
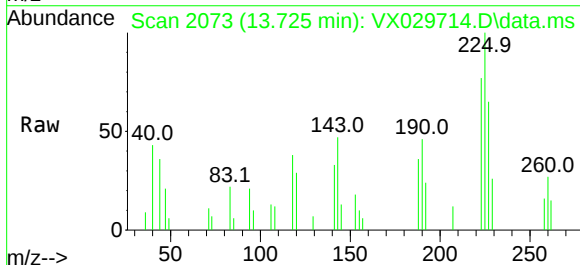
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

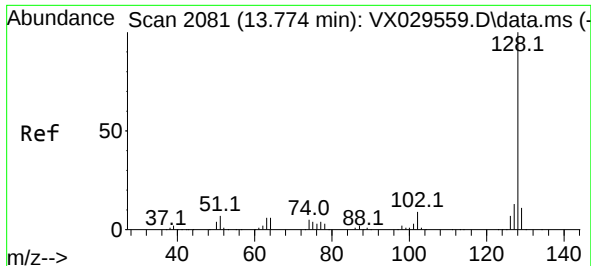
Tgt Ion:	180	Resp:	1406
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.7	143.1
145	37.8	15.2	45.5



#94
Hexachlorobutadiene
Concen: 0.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion:	225	Resp:	1194
Ion	Ratio	Lower	Upper
225	100		
223	62.9	34.2	102.5
227	61.1	33.9	101.7

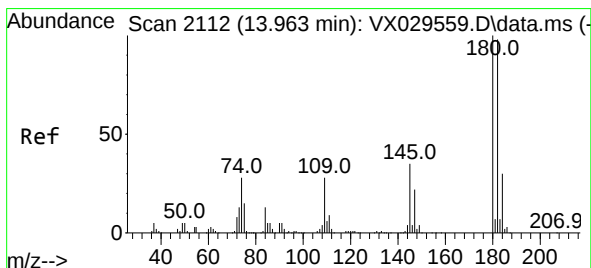
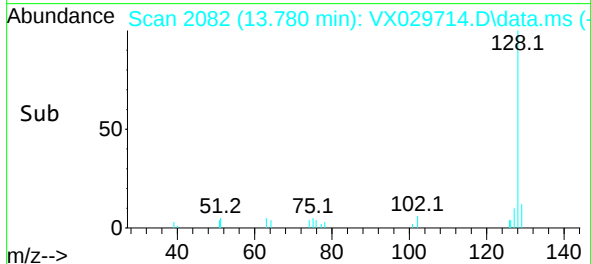
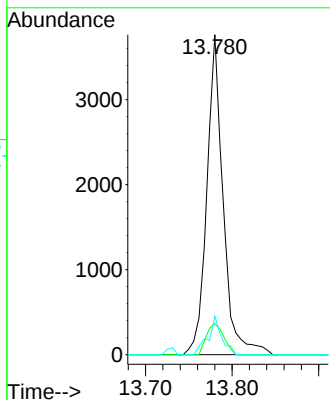
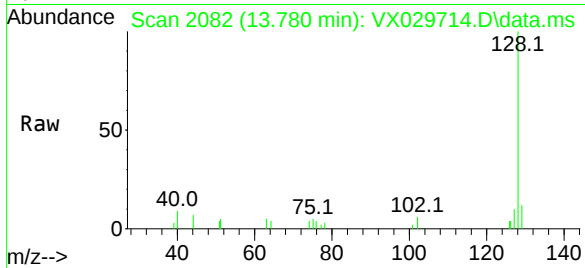




#95
Naphthalene
Concen: 0.416 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL02

Tgt Ion:128 Resp: 4941
Ion Ratio Lower Upper
128 100
127 10.2 10.2 15.4#
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.443 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029714.D
Acq: 23 Jun 2022 02:16

Tgt Ion:180 Resp: 1469
Ion Ratio Lower Upper
180 100
182 97.1 50.0 149.8
145 34.6 16.2 48.5

