

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027418.D
 Acq On : 14 Mar 2022 13:48
 Operator : JC/MD
 Sample : VX0314WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBL01

Quant Time: Mar 15 06:01:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

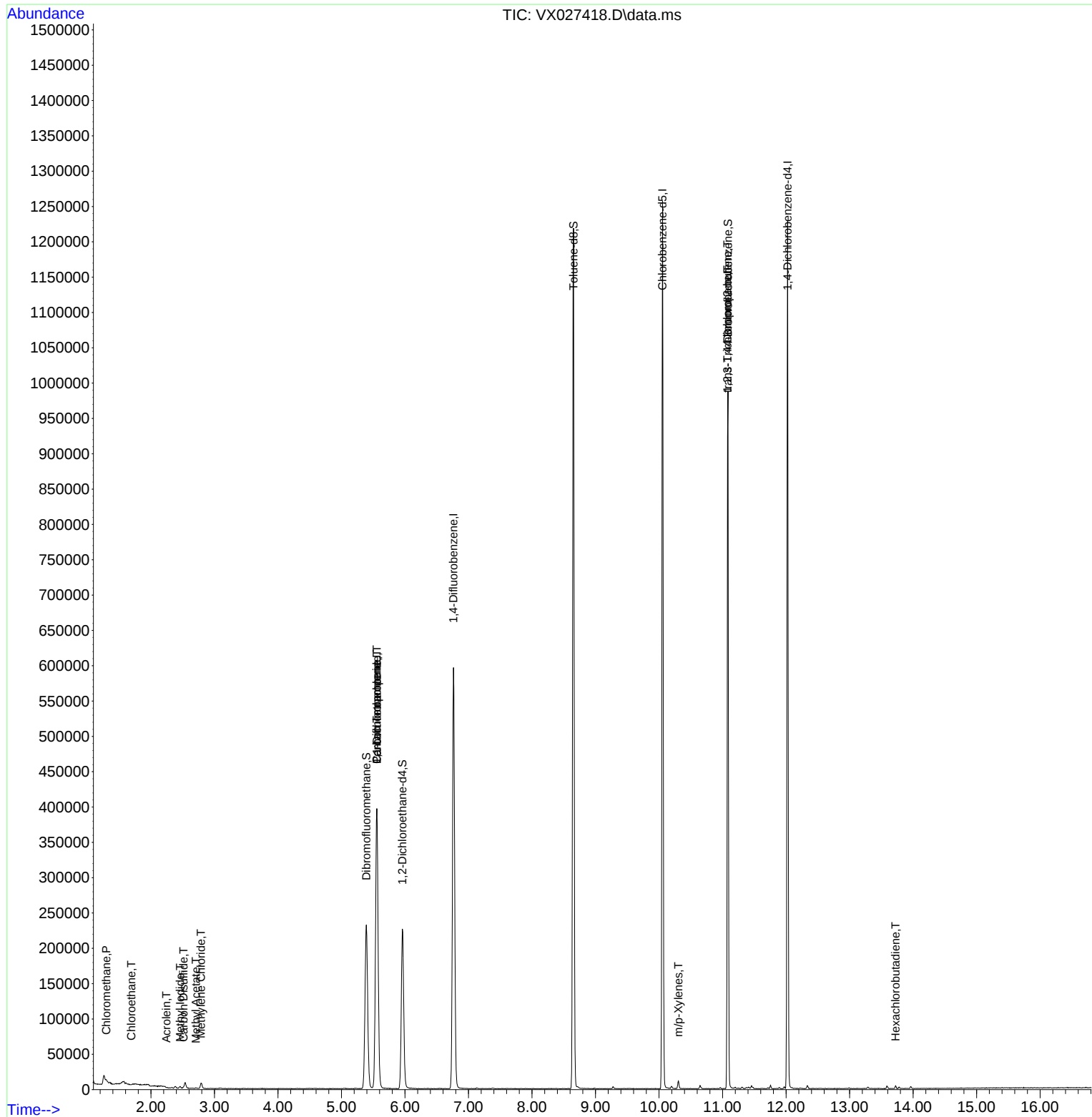
Internal Standards						
1) Pentafluorobenzene	5.556	168	401783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	645993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219233	46.791	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.580%
35) Dibromofluoromethane	5.391	113	207989	49.897	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.800%
50) Toluene-d8	8.653	98	764264	48.566	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.085	95	272310	45.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1112	0.257	ug/l	98
5) Bromomethane	1.611	94	737	Below Cal		89
6) Chloroethane	1.691	64	301	0.561	ug/l #	43
10) Methyl Iodide	2.459	142	2940	0.514	ug/l	98
13) Acrolein	2.239	56	188	0.292	ug/l #	48
16) Acetone	2.380	43	2560	Below Cal	#	87
17) Carbon Disulfide	2.514	76	2178	0.206	ug/l #	87
18) Methyl Acetate	2.709	43	1119	0.217	ug/l #	88
20) Methylene Chloride	2.788	84	3917	0.856	ug/l	91
36) 1,1-Dichloropropene	5.556	75	26866	4.642	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38855	6.493	ug/l #	16
68) m/p-Xylenes	10.305	106	3032	0.356	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	125804	21.269	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	125804	68.787	ug/l #	15
94) Hexachlorobutadiene	13.725	225	775	0.292	ug/l	86

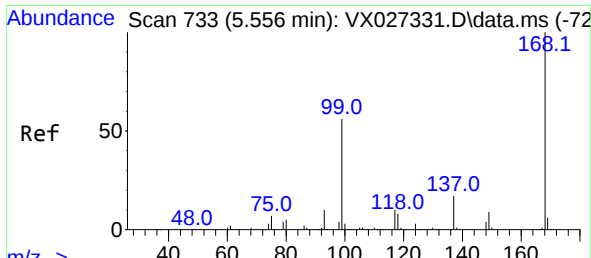
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Mar 15 06:01:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 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: VX027418.D

Acq: 14 Mar 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

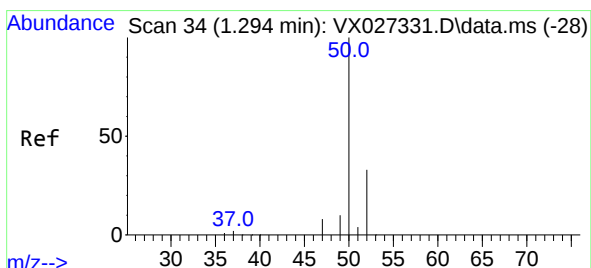
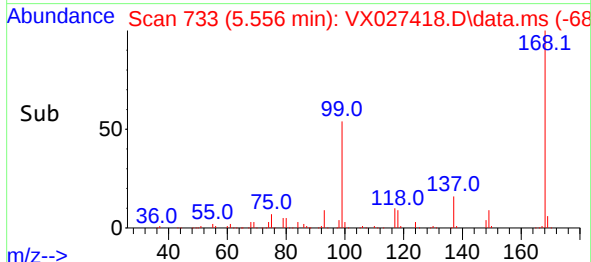
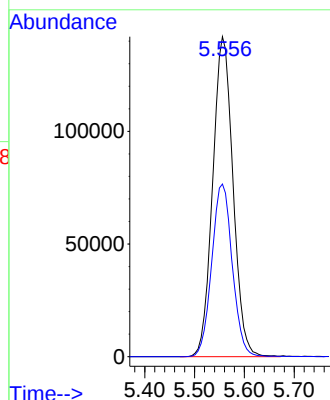
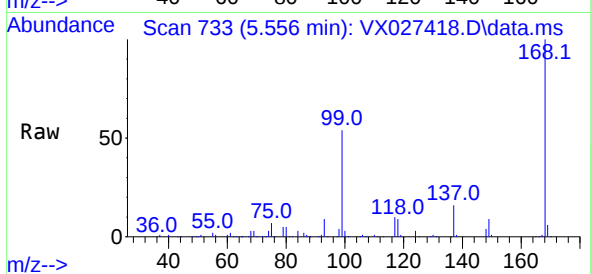
VX0314WBL01

Tgt Ion:168 Resp: 401783

Ion Ratio Lower Upper

168 100

99 53.9 41.7 62.5



#3

Chloromethane

Concen: 0.257 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027418.D

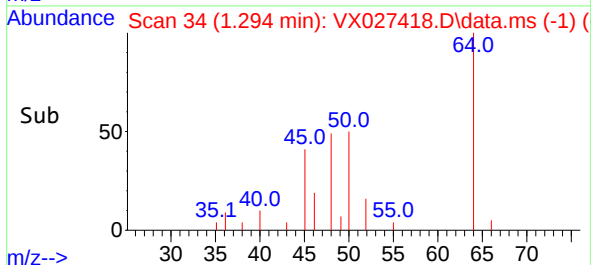
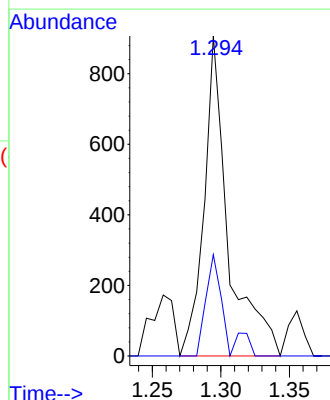
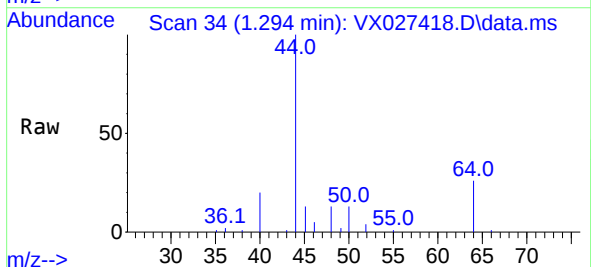
Acq: 14 Mar 2022 13:48

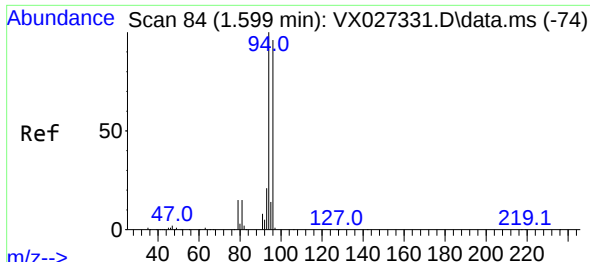
Tgt Ion: 50 Resp: 1112

Ion Ratio Lower Upper

50 100

52 31.6 26.4 39.6

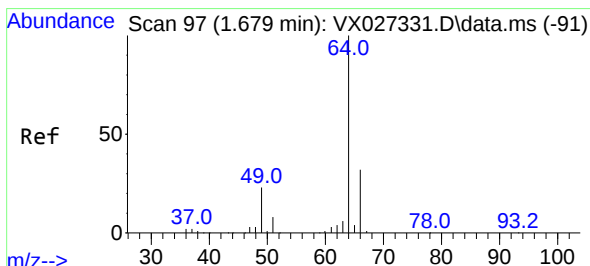
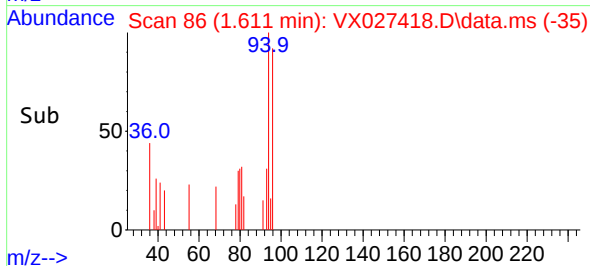
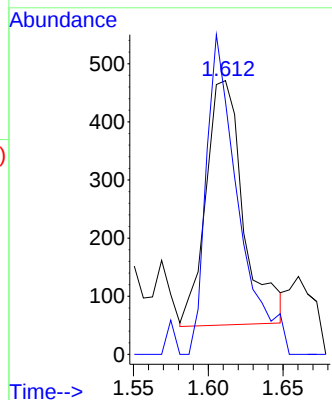
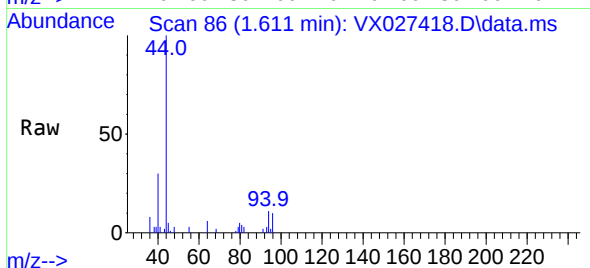




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

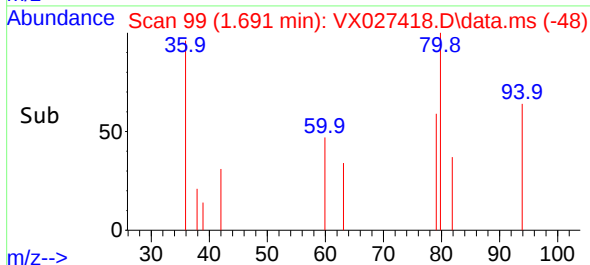
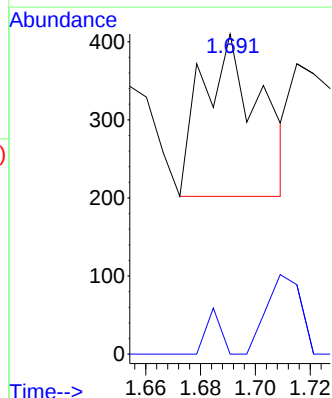
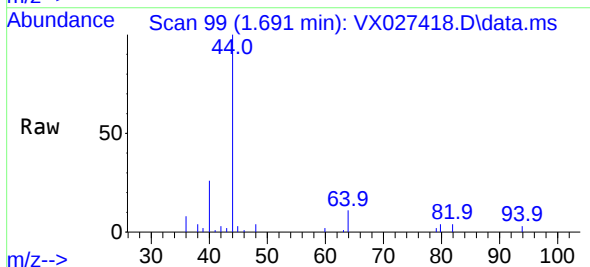
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

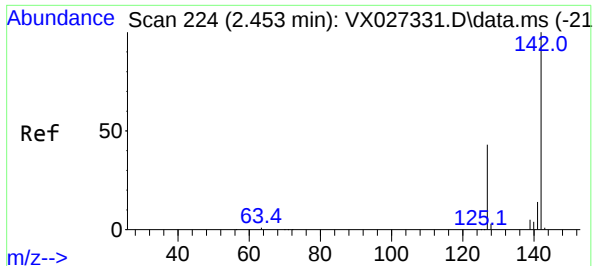
Tgt Ion: 94 Resp: 737
Ion Ratio Lower Upper
94 100
96 104.3 75.3 112.9



#6
Chloroethane
Concen: 0.561 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

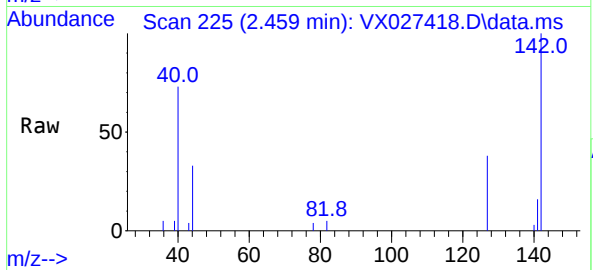
Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





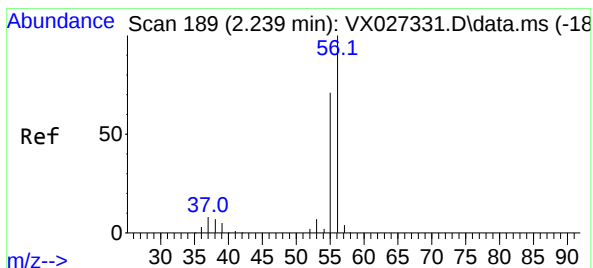
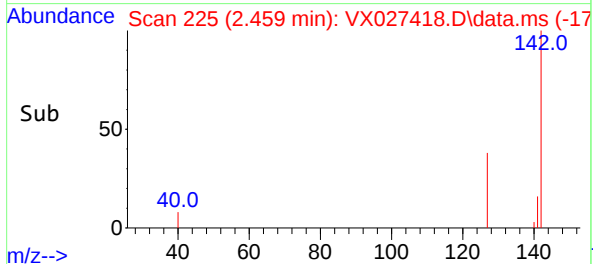
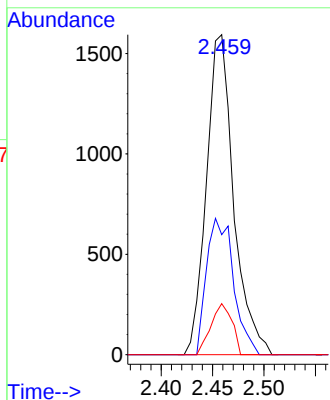
#10
Methyl Iodide
Concen: 0.514 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01



Tgt Ion:142 Resp: 2940

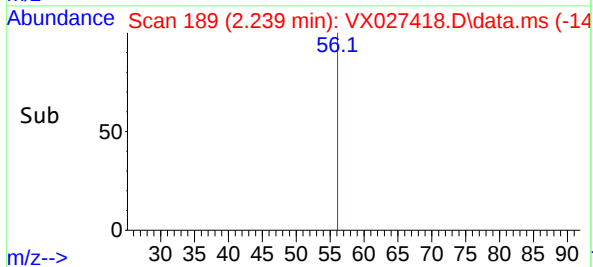
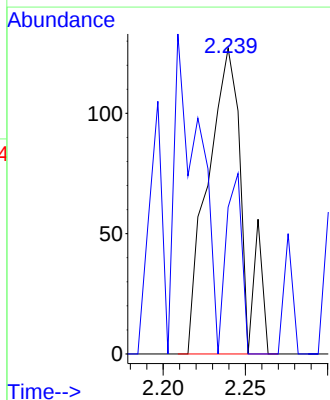
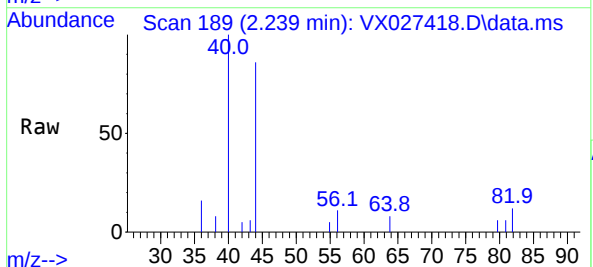
Ion	Ratio	Lower	Upper
142	100		
127	42.1	33.9	50.9
141	12.3	11.4	17.2

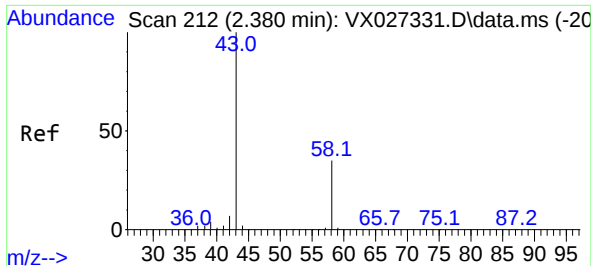


#13
Acrolein
Concen: 0.292 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 56 Resp: 188

Ion	Ratio	Lower	Upper
56	100		
55	26.6	55.0	82.6#

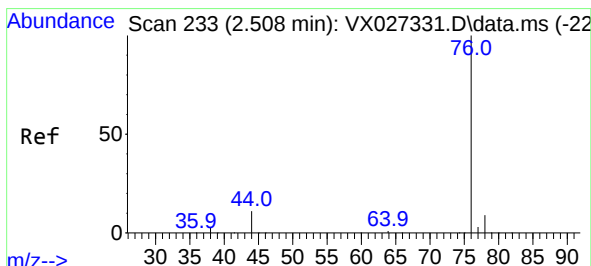
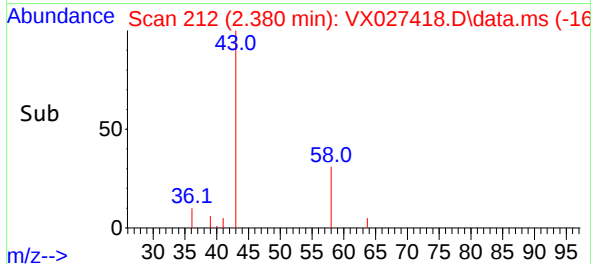
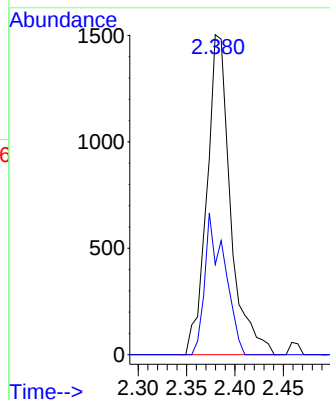
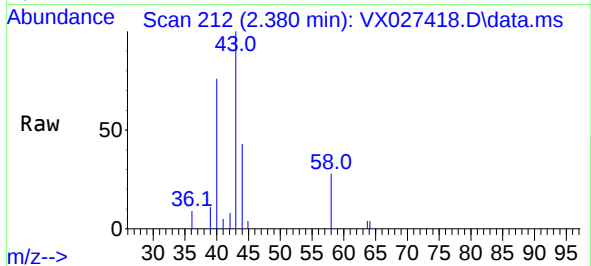




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

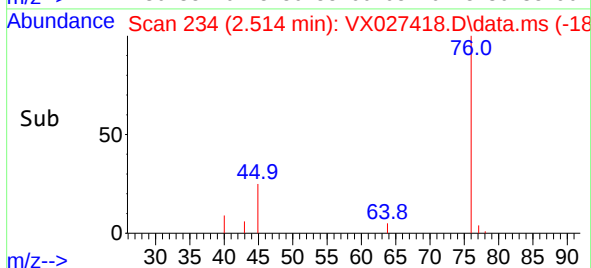
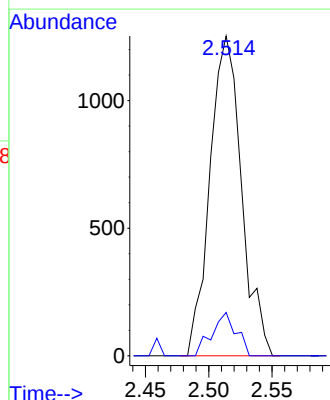
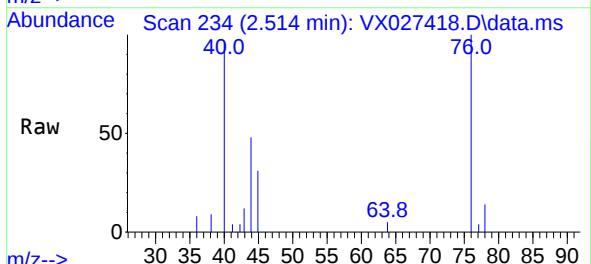
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

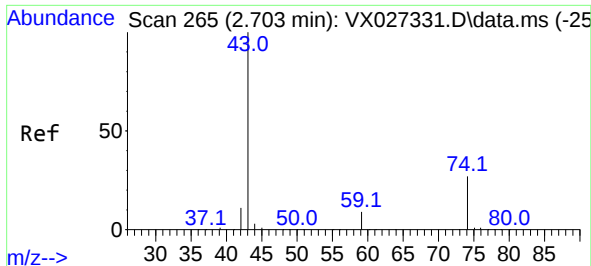
Tgt Ion: 43 Resp: 2560
Ion Ratio Lower Upper
43 100
58 28.2 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 76 Resp: 2178
Ion Ratio Lower Upper
76 100
78 13.6 7.2 10.8#

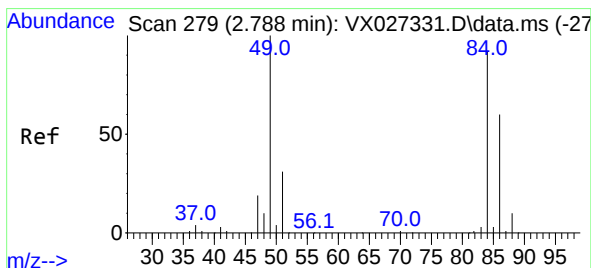
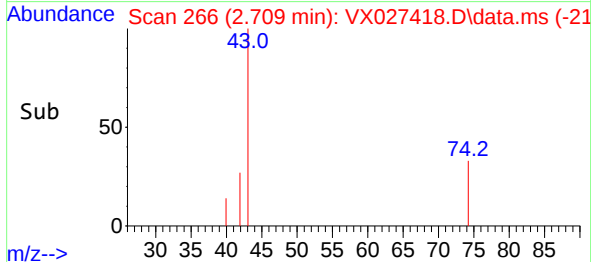
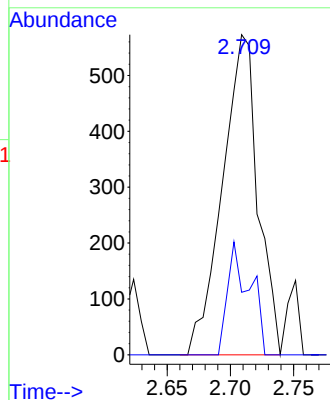
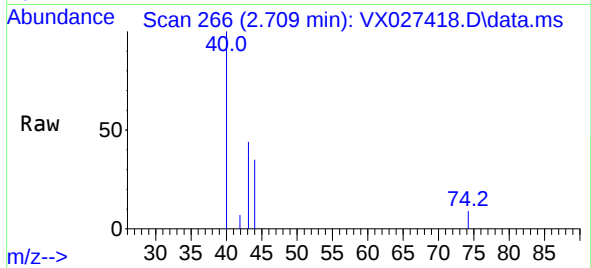




#18
Methyl Acetate
Concen: 0.217 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

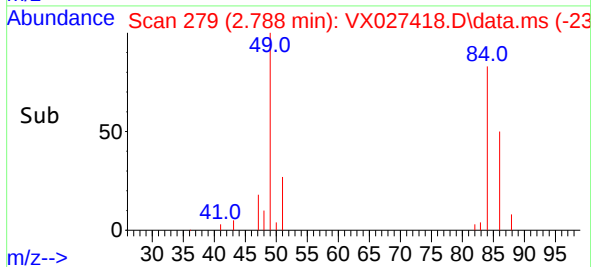
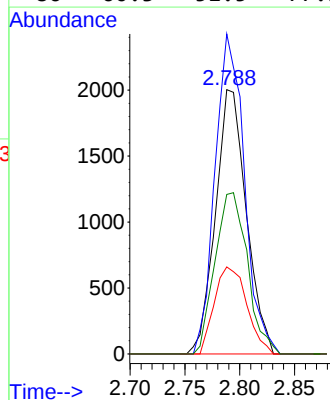
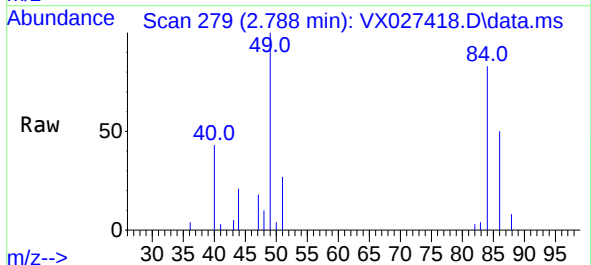
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

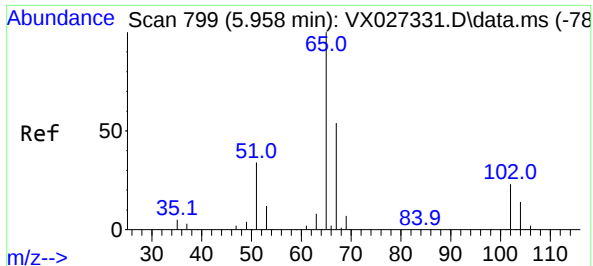
Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
74 22.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.856 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 84 Resp: 3917
Ion Ratio Lower Upper
84 100
49 121.1 85.5 128.3
51 32.9 26.6 39.8
86 60.3 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 46.791 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027418.D

Acq: 14 Mar 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

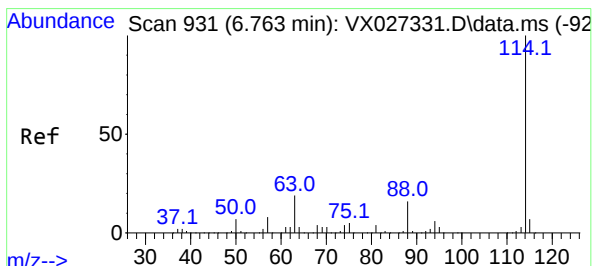
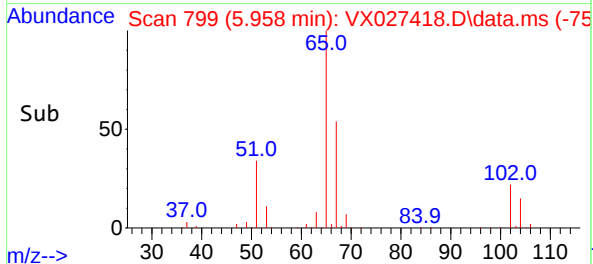
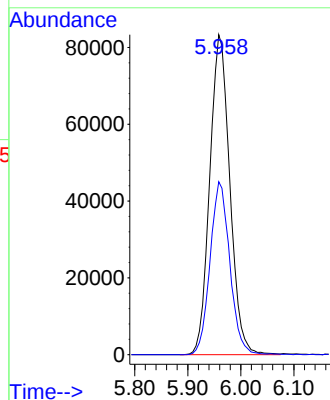
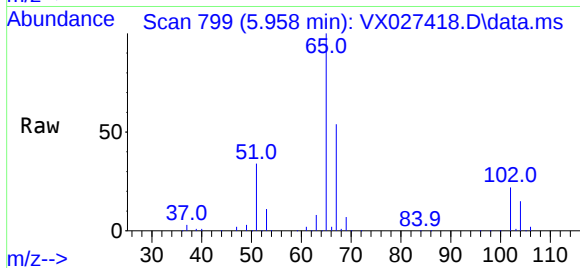
VX0314WBL01

Tgt Ion: 65 Resp: 219233

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027418.D

Acq: 14 Mar 2022 13:48

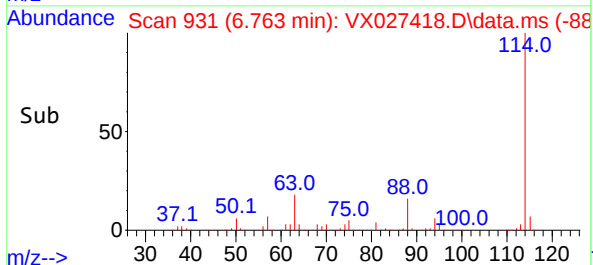
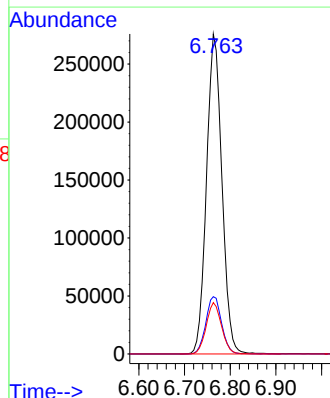
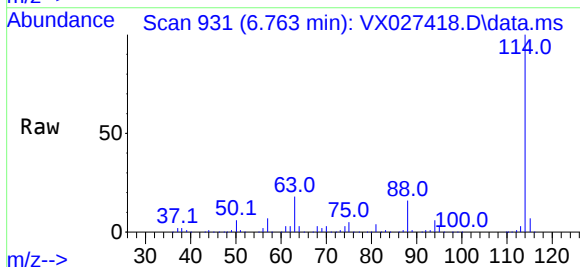
Tgt Ion: 114 Resp: 645993

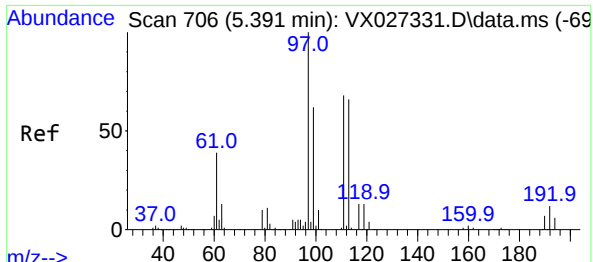
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

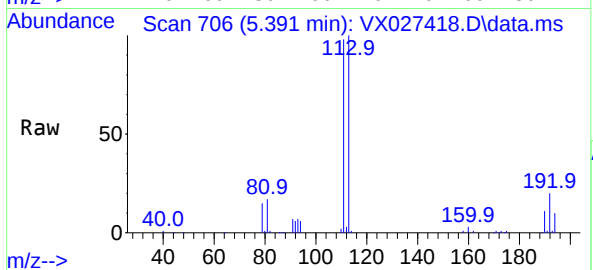
88 16.1 0.0 32.4





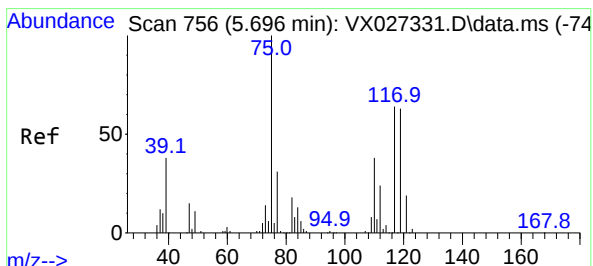
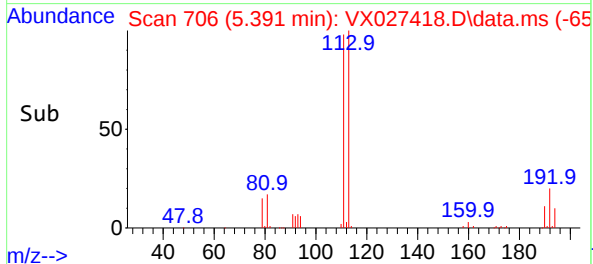
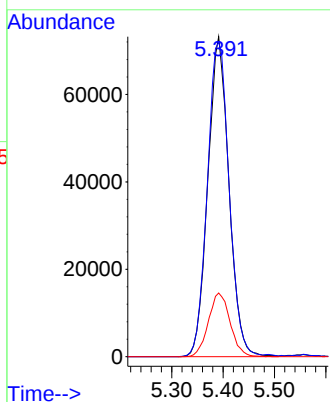
#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01



Tgt Ion:113 Resp: 207989

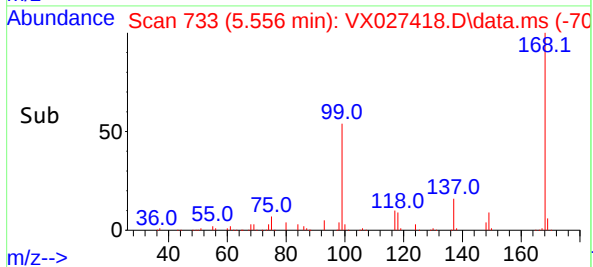
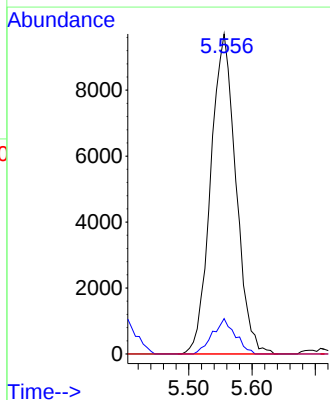
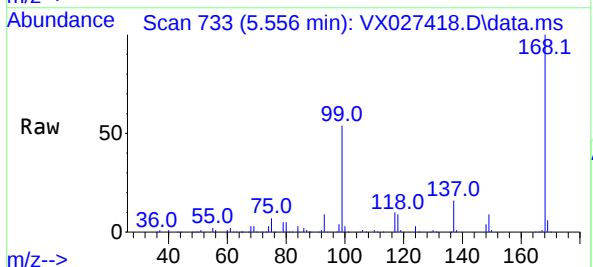
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	20.6	16.9	25.3

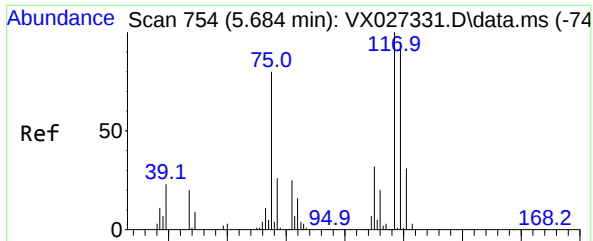


#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 75 Resp: 26866

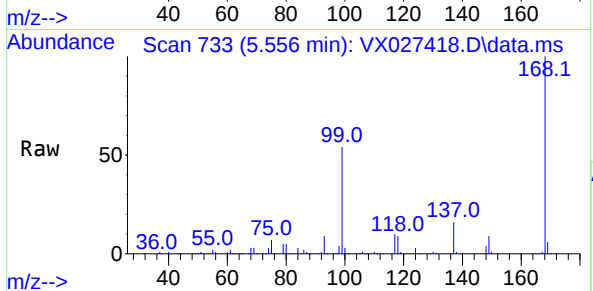
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.8#
77	0.0	24.8	37.2#



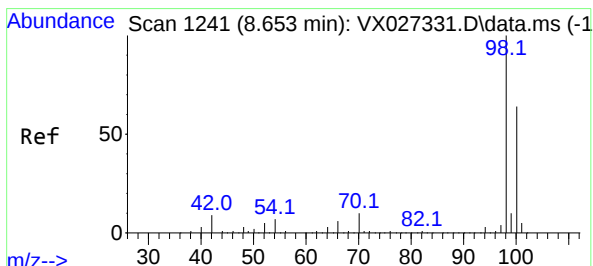
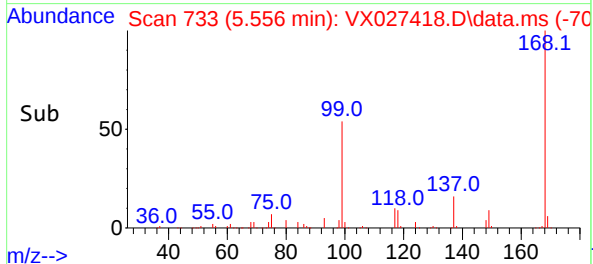
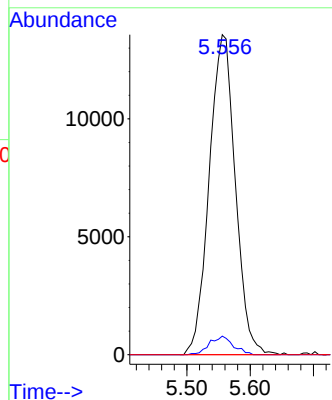


#38
Carbon Tetrachloride
Concen: 6.493 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

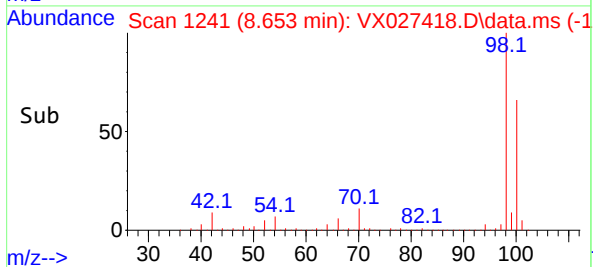
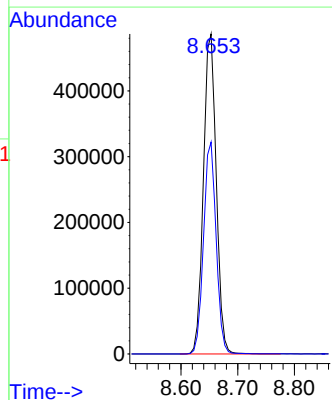
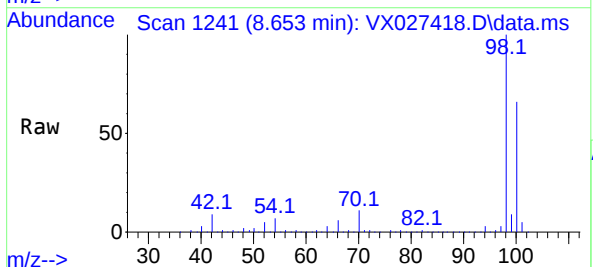


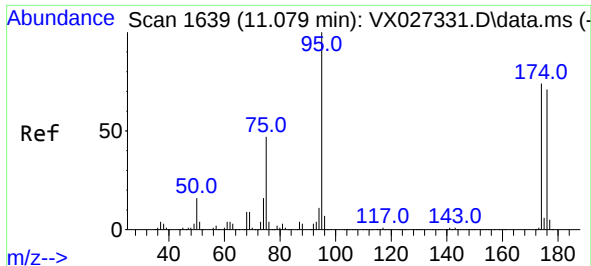
Tgt Ion:117 Resp: 38855
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 98 Resp: 764264
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

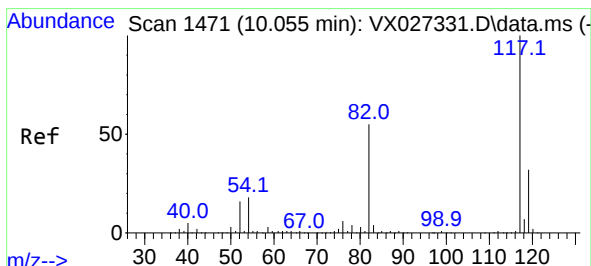
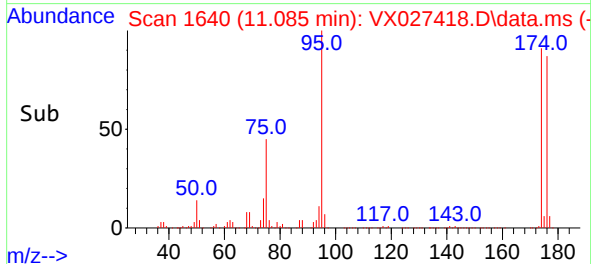
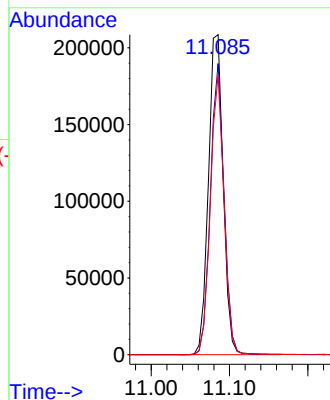
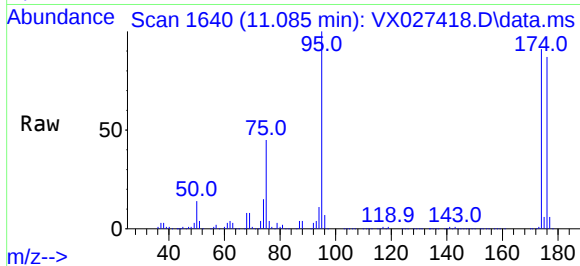




#62
4-Bromofluorobenzene
Concen: 45.402 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

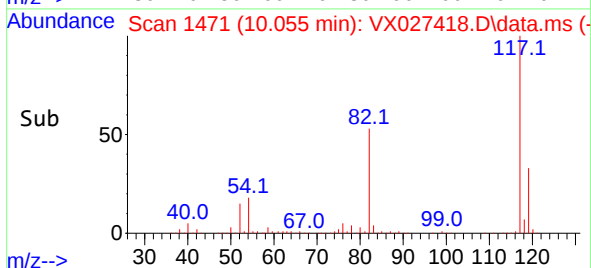
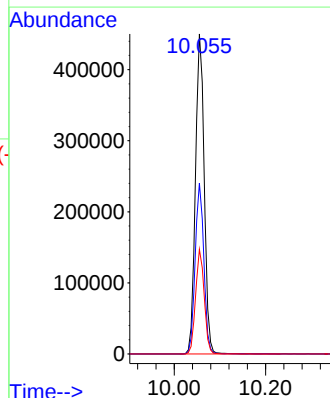
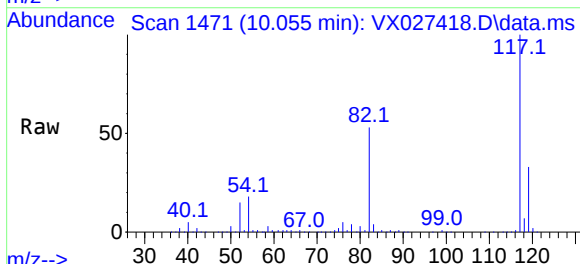
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

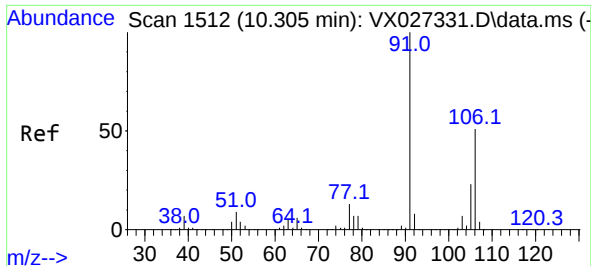
Tgt Ion: 95 Resp: 272310
Ion Ratio Lower Upper
95 100
174 84.4 0.0 163.0
176 81.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 117 Resp: 598982
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.8
119 32.7 24.8 37.2

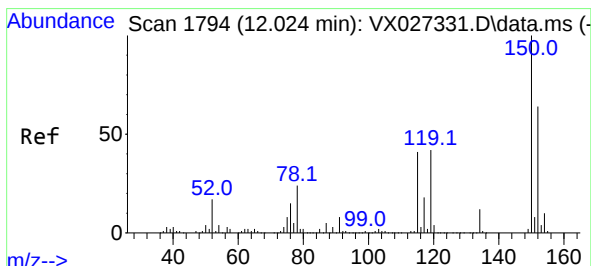
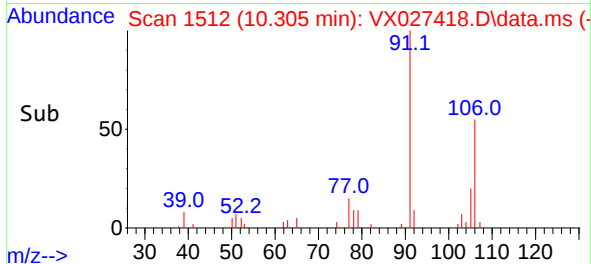
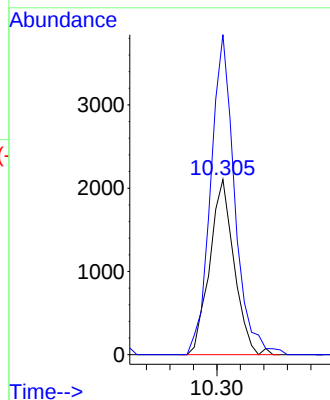
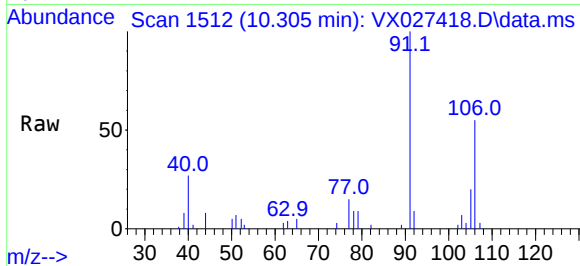




#68
m/p-Xylenes
Concen: 0.356 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

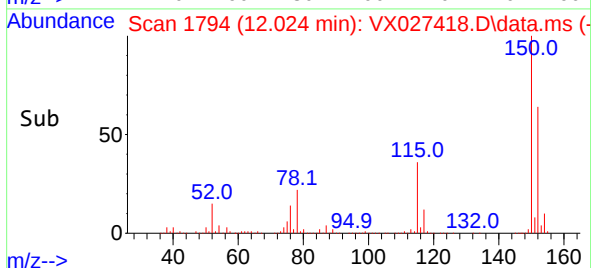
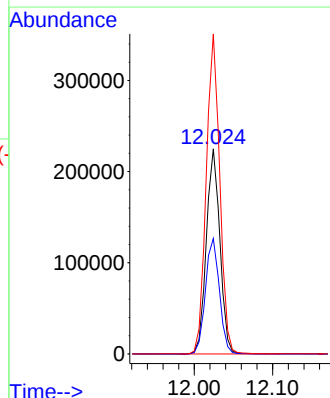
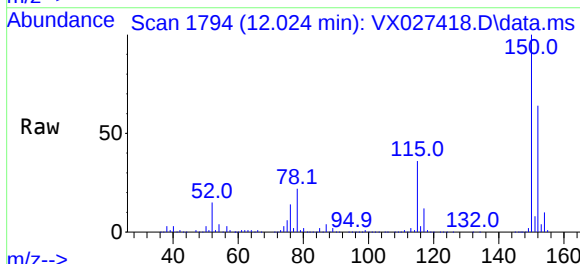
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

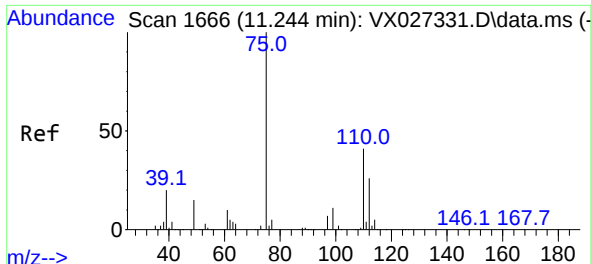
Tgt Ion:106 Resp: 3032
Ion Ratio Lower Upper
106 100
91 179.4 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion:152 Resp: 269586
Ion Ratio Lower Upper
152 100
115 58.0 37.5 112.7
150 156.0 0.0 338.2

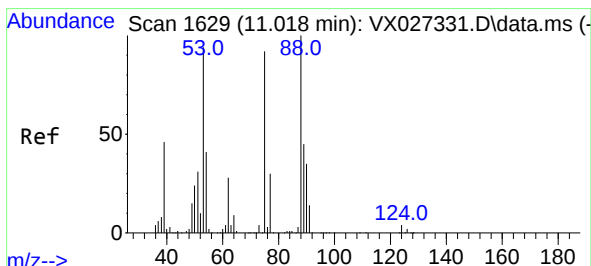
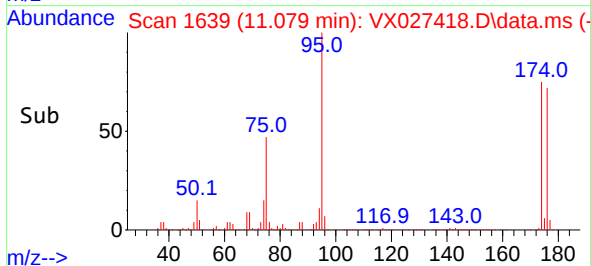
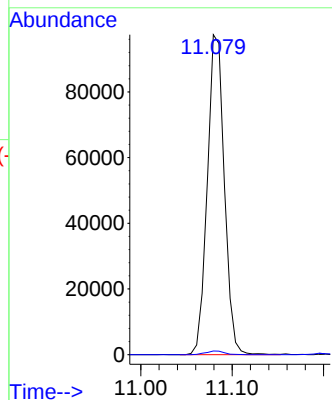
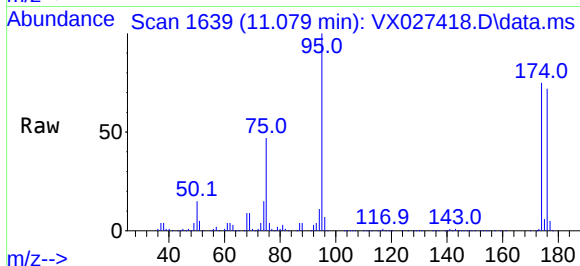




#76
1,2,3-Trichloropropane
Concen: 21.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

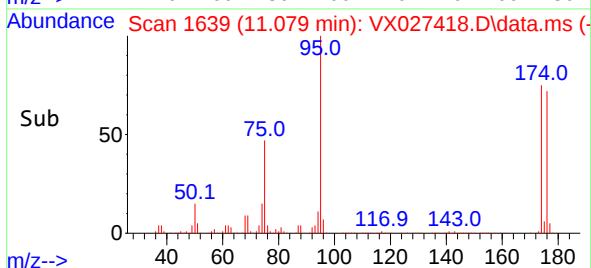
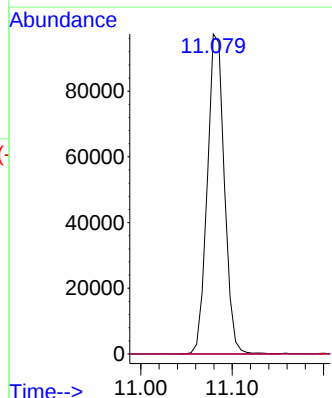
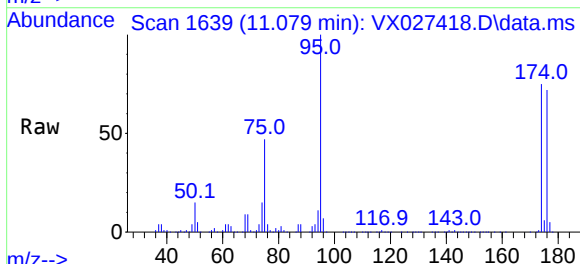
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

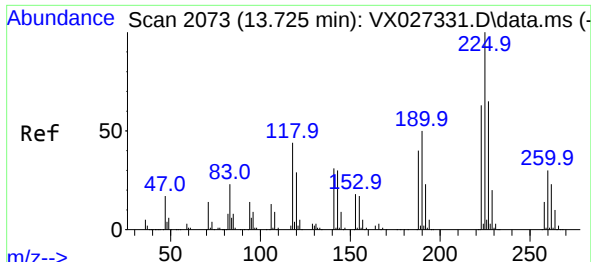
Tgt Ion: 75 Resp: 125804
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.787 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027418.D
Acq: 14 Mar 2022 13:48

Tgt Ion: 75 Resp: 125804
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94

Hexachlorobutadiene

Concen: 0.292 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027418.D

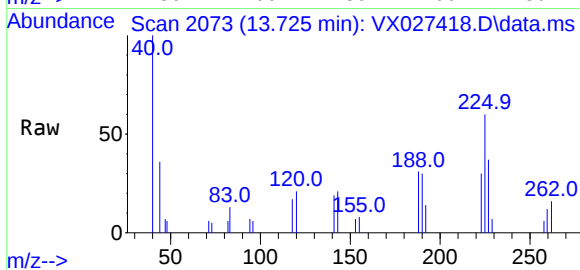
Acq: 14 Mar 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL01



Tgt Ion:225 Resp: 775

Ion Ratio Lower Upper

225 100

223 54.6 34.2 102.5

227 58.5 33.9 101.7

