

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027406.D
 Acq On : 11 Mar 2022 16:53
 Operator : JC/MD
 Sample : N1895-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-3

Quant Time: Mar 11 23:13:14 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)

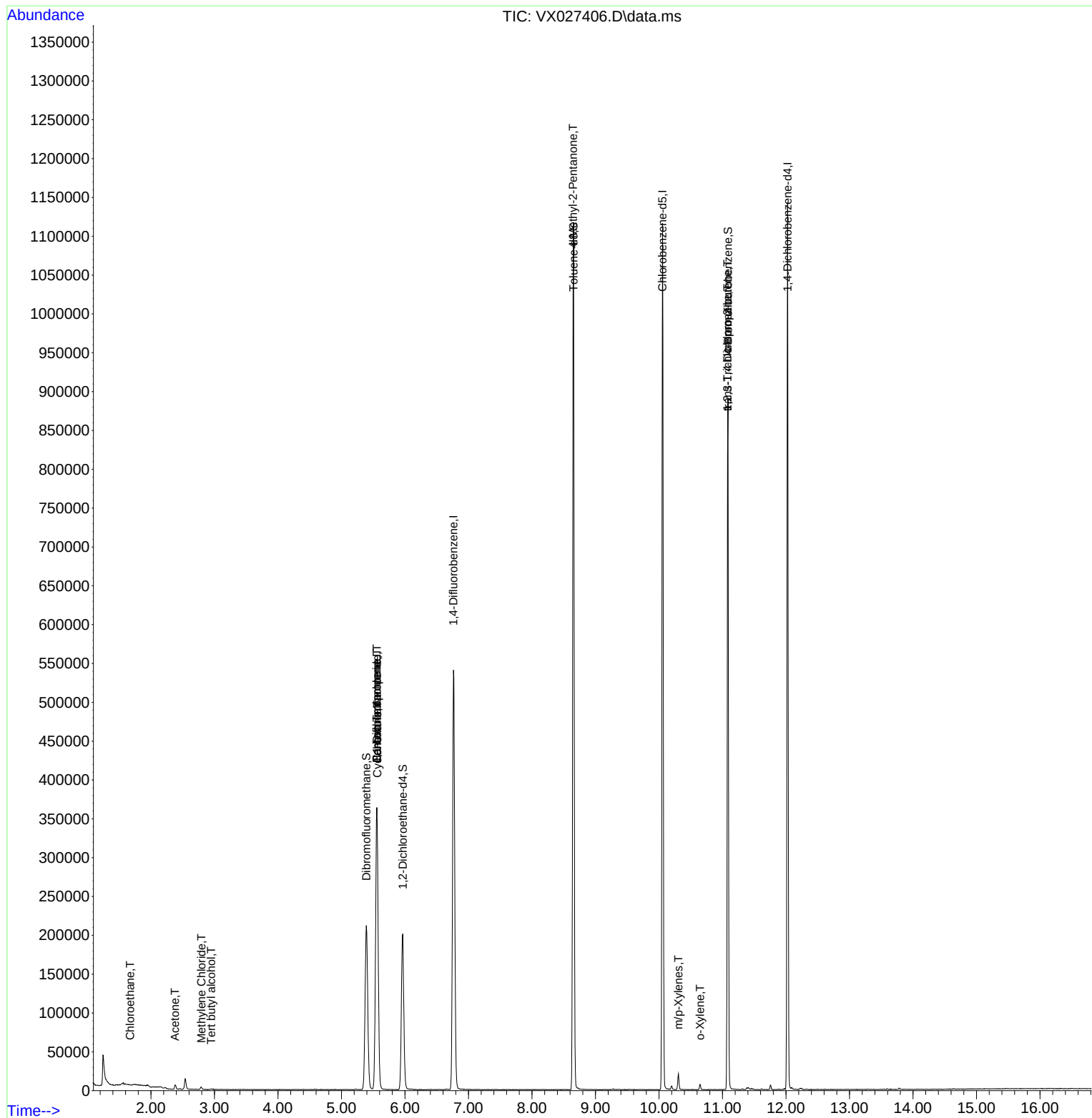
Internal Standards						
1) Pentafluorobenzene	5.556	168	376670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	603671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	553562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	189873	43.226	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.460%
35) Dibromofluoromethane	5.391	113	191459	49.152	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.300%
50) Toluene-d8	8.653	98	700855	47.659	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.320%
62) 4-Bromofluorobenzene	11.085	95	251407	44.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	357	Below Cal	#	79
6) Chloroethane	1.673	64	757	0.733	ug/l #	67
11) Tert butyl alcohol	2.947	59	668	0.776	ug/l #	72
16) Acetone	2.380	43	5799	0.524	ug/l	93
20) Methylene Chloride	2.794	84	1666	0.388	ug/l #	83
31) Cyclohexane	5.562	56	5330	0.867	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23569	4.358	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34810	6.225	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2298	0.399	ug/l #	1
68) m/p-Xylenes	10.305	106	5480	0.696	ug/l	91
69) o-Xylene	10.647	106	1587	0.204	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	112611	20.167	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	112611	65.221	ug/l #	15

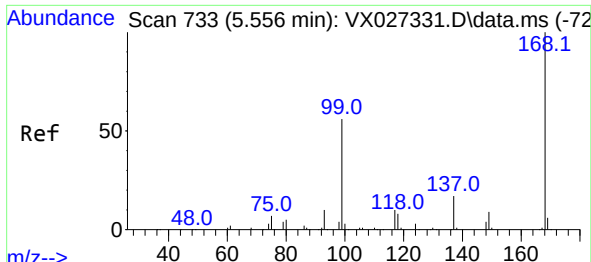
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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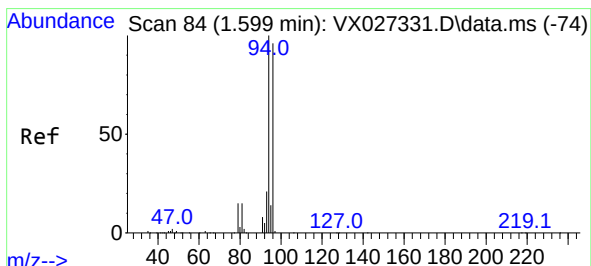
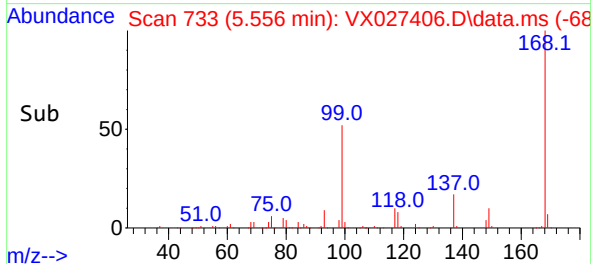
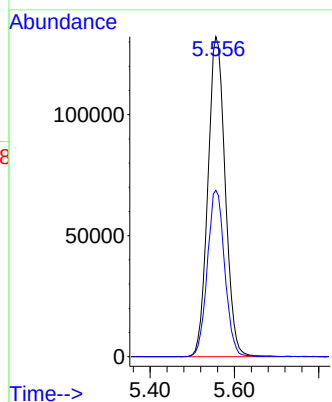
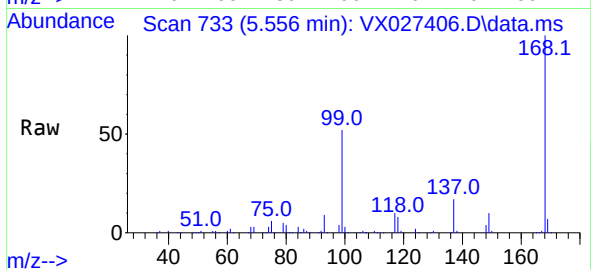




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

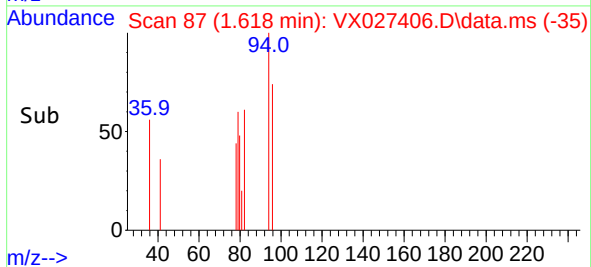
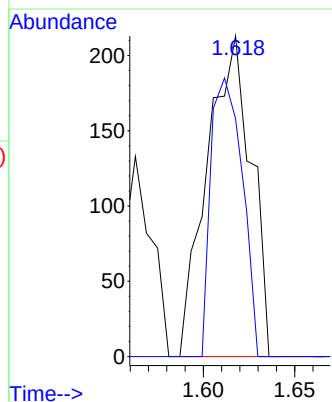
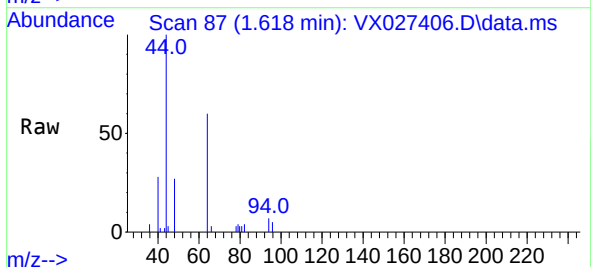
Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tgt Ion:168 Resp: 376670
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5

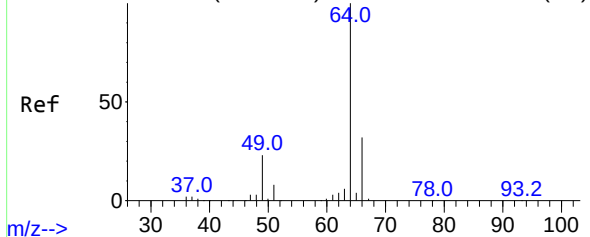


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 74.2 75.3 112.9#



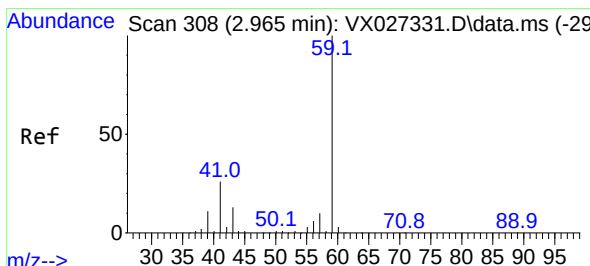
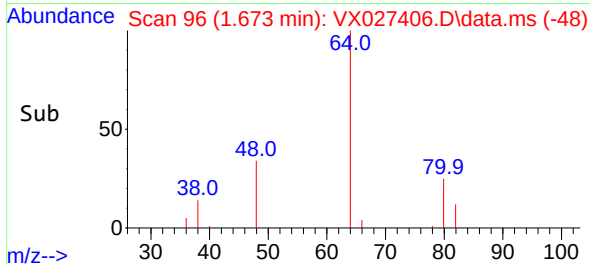
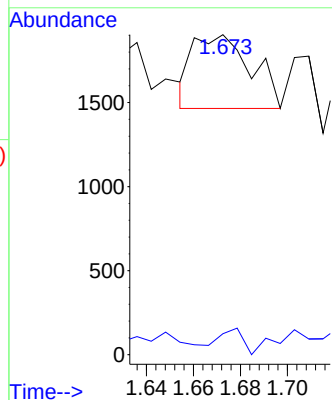
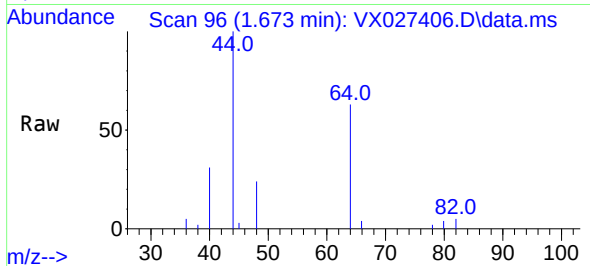
Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



#6
Chloroethane
Concen: 0.733 ug/l
RT: 1.673 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

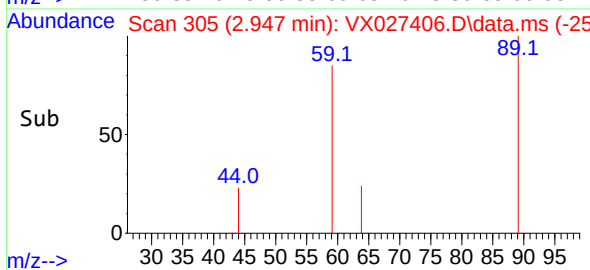
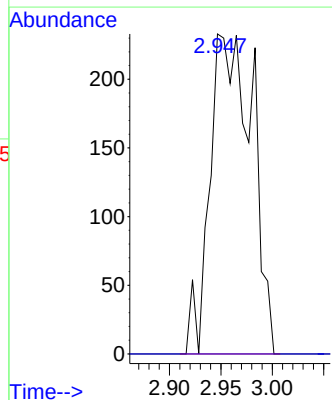
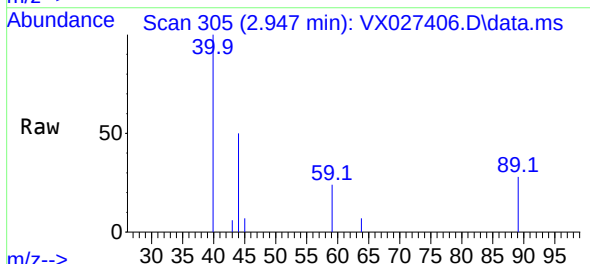
Instrument :
MSVOA_X
ClientSampleId :
RW-3

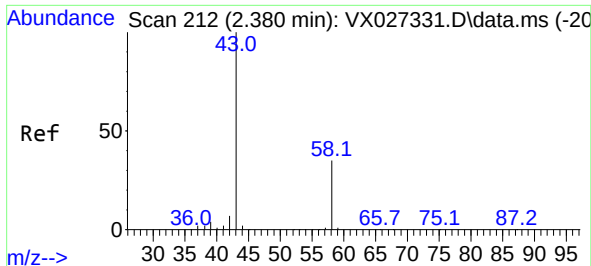
Tgt Ion: 64 Resp: 757
Ion Ratio Lower Upper
64 100
66 13.2 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.776 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

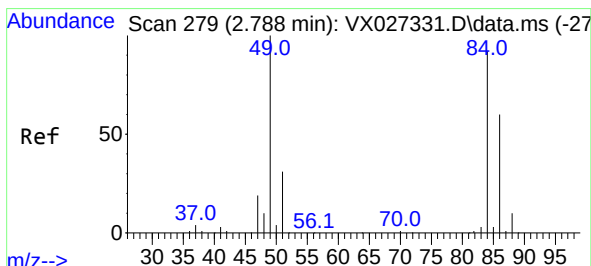
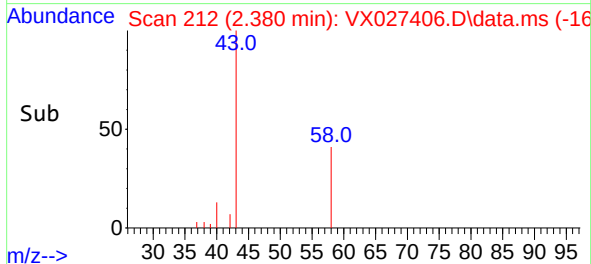
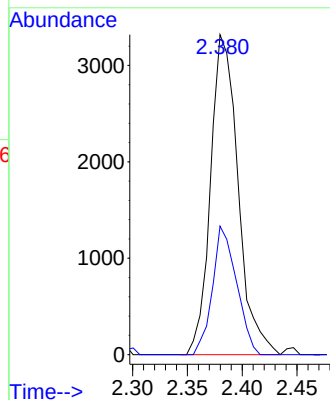
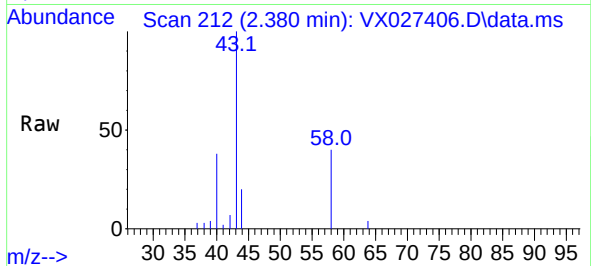




#16
Acetone
Concen: 0.524 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

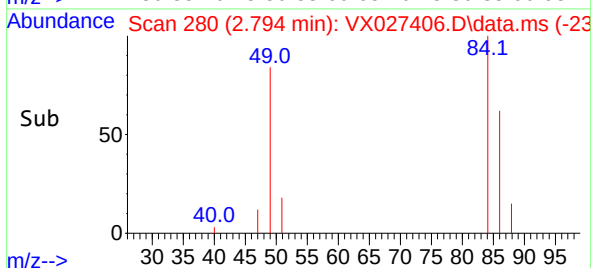
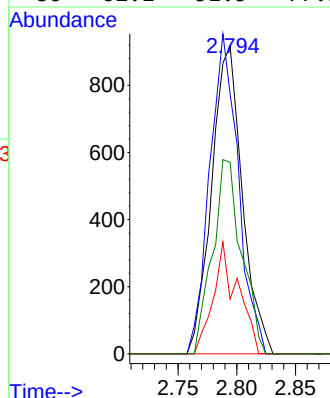
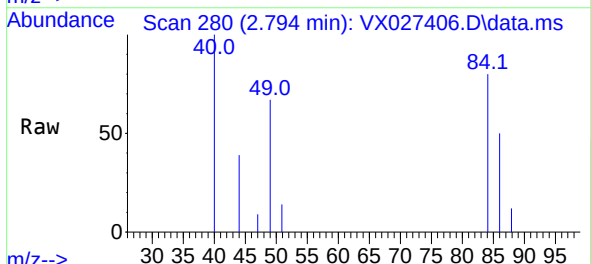
Instrument :
MSVOA_X
ClientSampleId :
RW-3

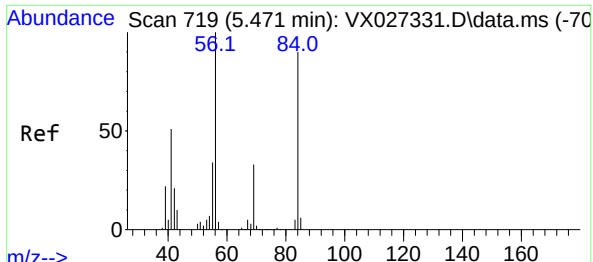
Tgt Ion: 43 Resp: 5799
Ion Ratio Lower Upper
43 100
58 40.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.388 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

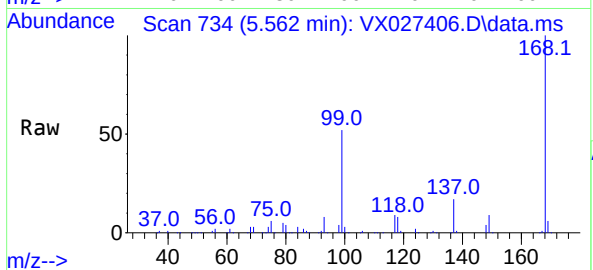
Tgt Ion: 84 Resp: 1666
Ion Ratio Lower Upper
84 100
49 84.3 85.5 128.3#
51 17.8 26.6 39.8#
86 62.1 51.5 77.3



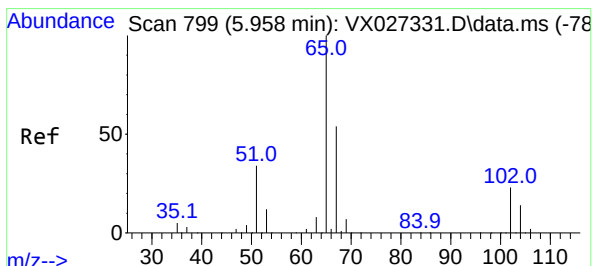
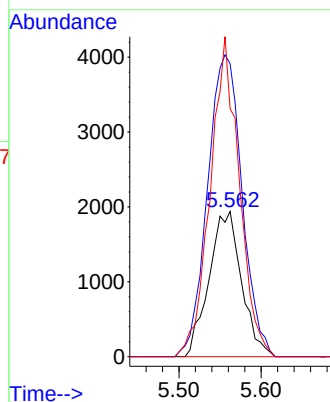
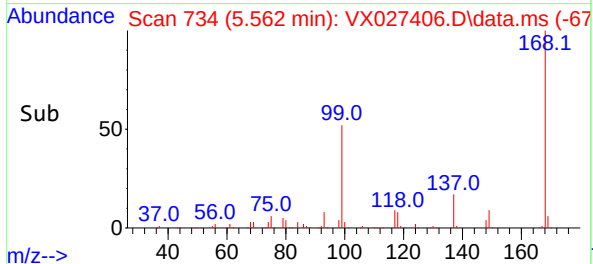


#31
Cyclohexane
Concen: 0.867 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
RW-3

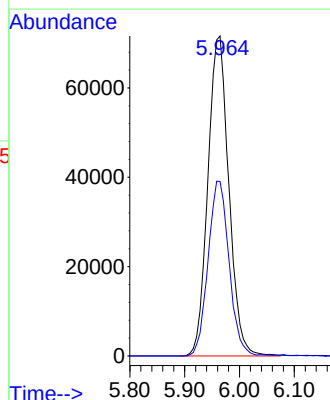
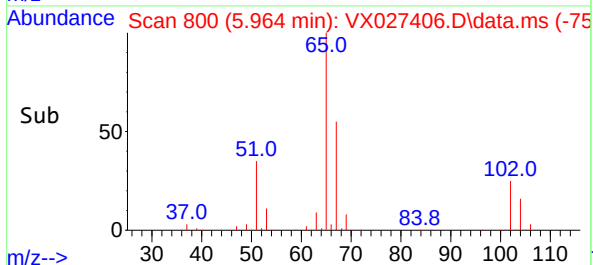
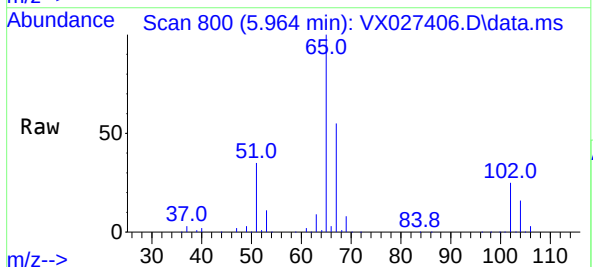


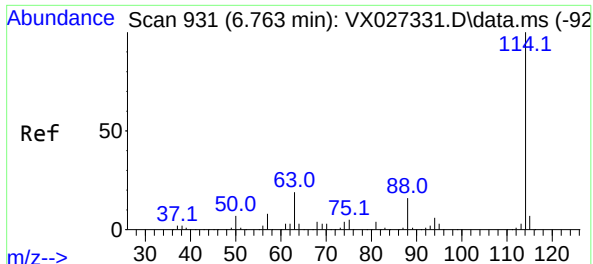
Tgt Ion: 56 Resp: 5330
Ion Ratio Lower Upper
56 100
69 201.8 26.7 40.1#
84 170.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.226 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion: 65 Resp: 189873
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.4

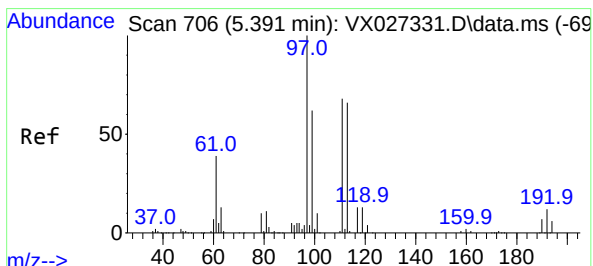
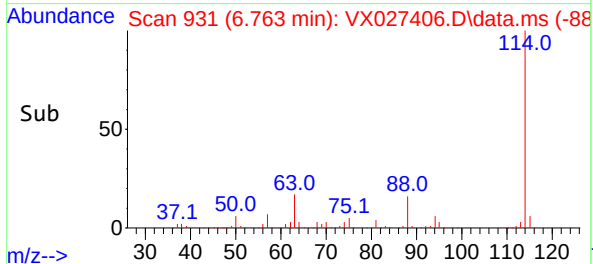
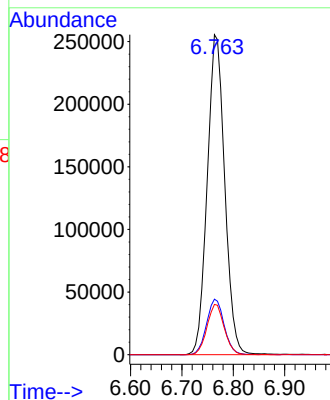
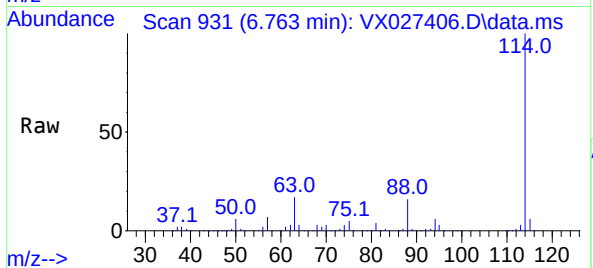




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

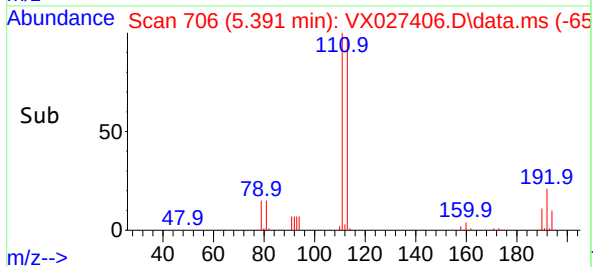
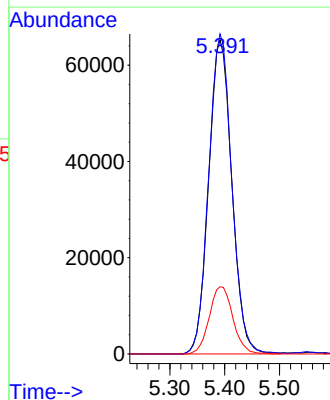
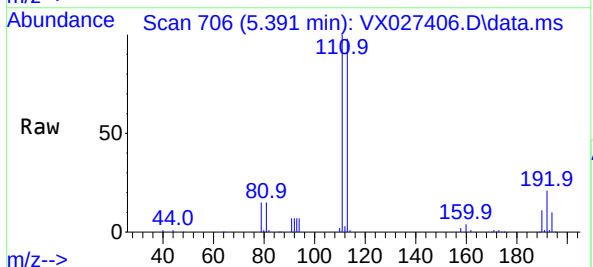
Instrument :
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ClientSampleId :
RW-3

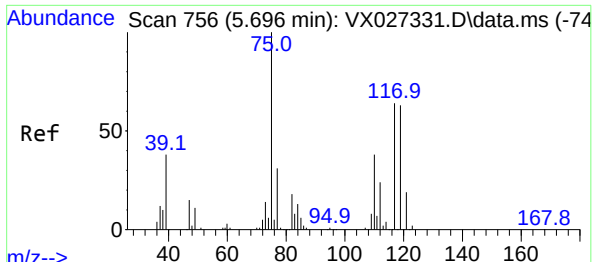
Tgt Ion:114 Resp: 603671
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.152 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion:113 Resp: 191459
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 21.9 16.9 25.3

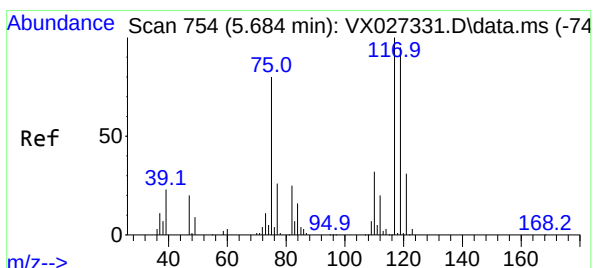
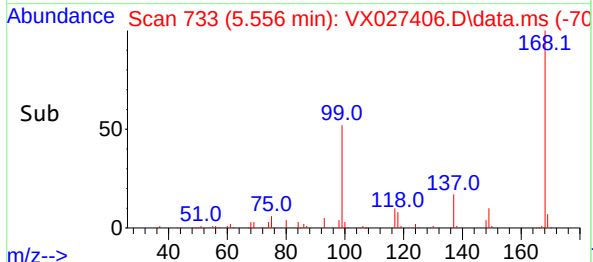
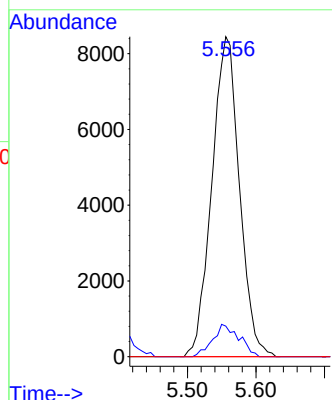
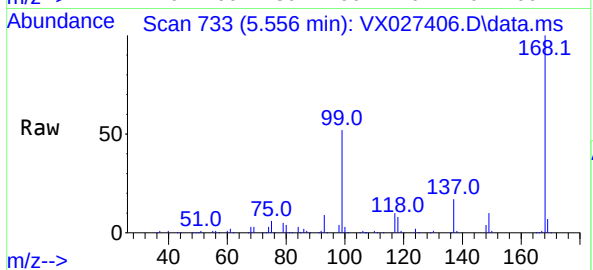




#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

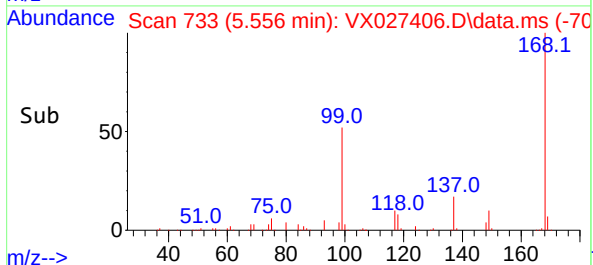
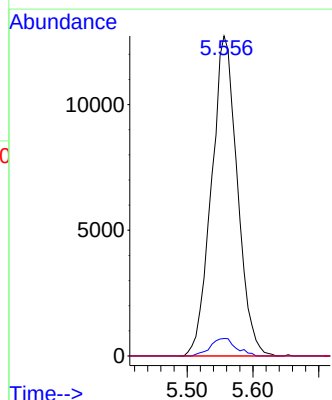
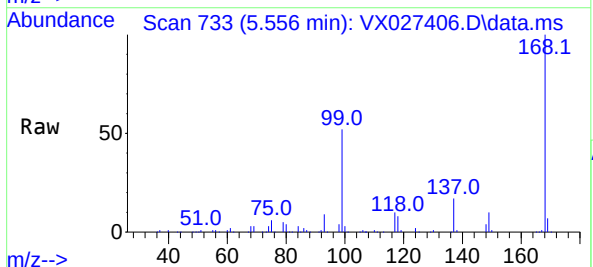
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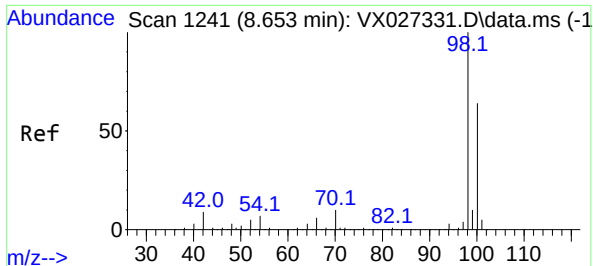
Tgt Ion: 75 Resp: 23569
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion: 117 Resp: 34810
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

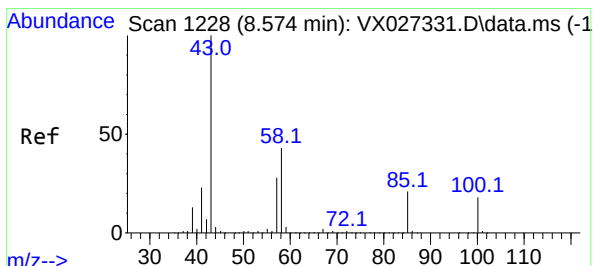
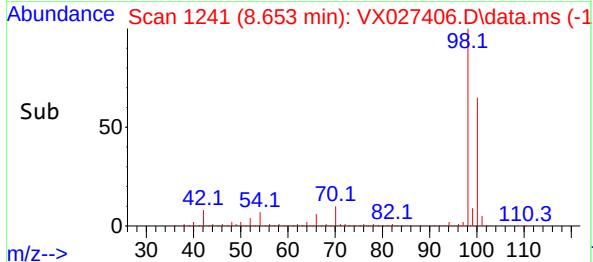
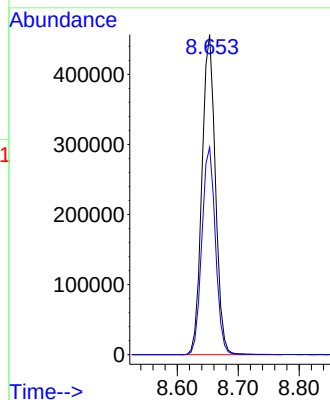
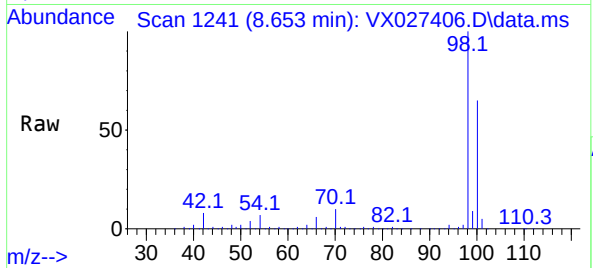




#50
Toluene-d8
Concen: 47.659 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

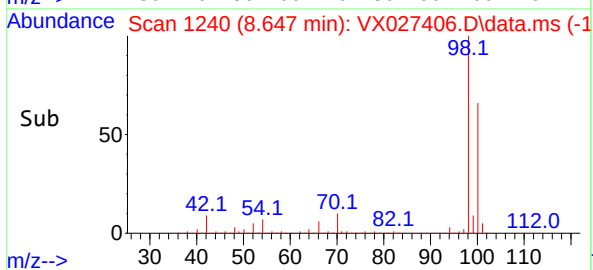
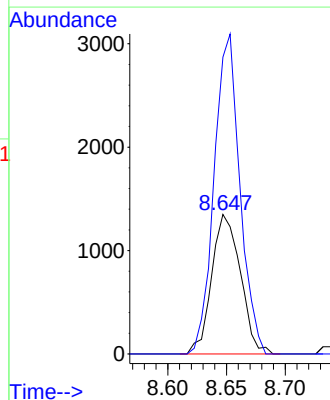
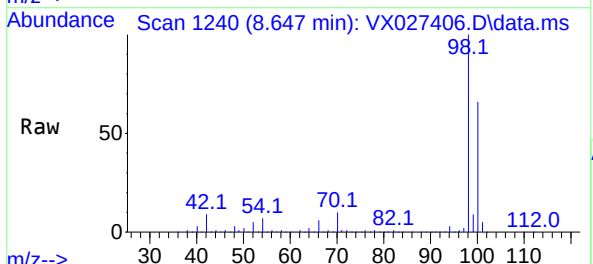
Instrument :
MSVOA_X
ClientSampleId :
RW-3

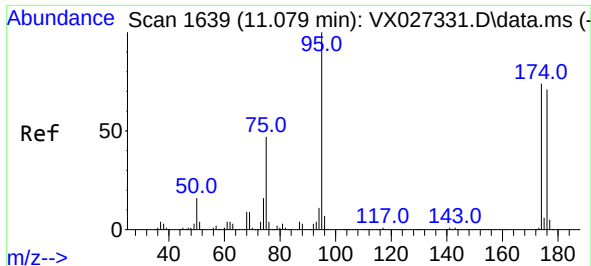
Tgt Ion: 98 Resp: 700855
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
58 205.7 36.1 54.1#

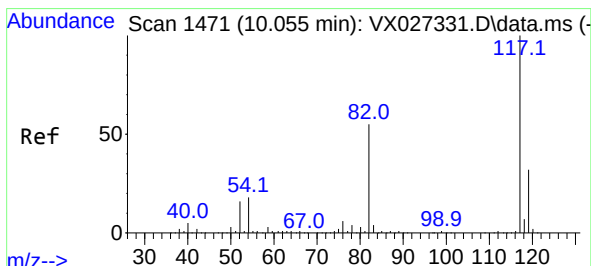
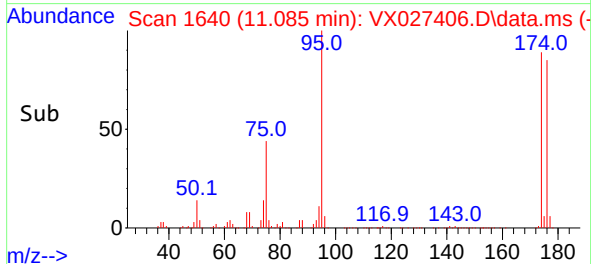
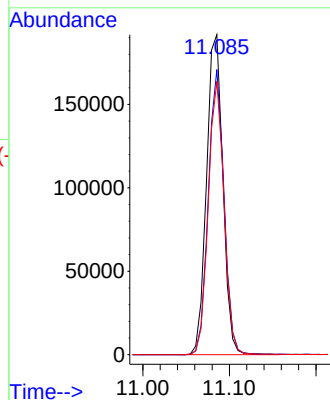
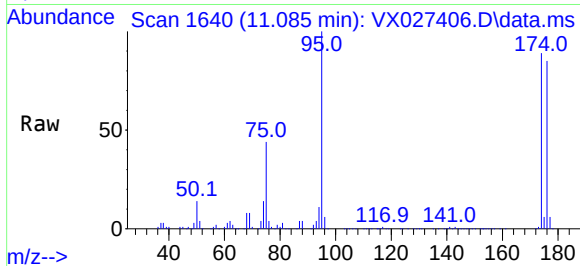




#62
4-Bromofluorobenzene
Concen: 44.856 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

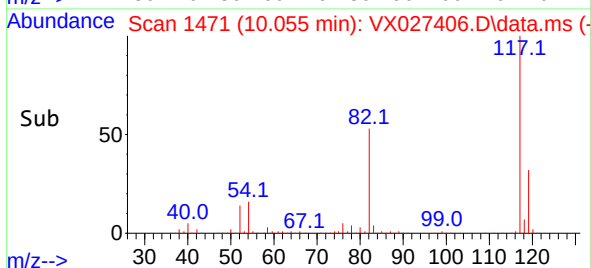
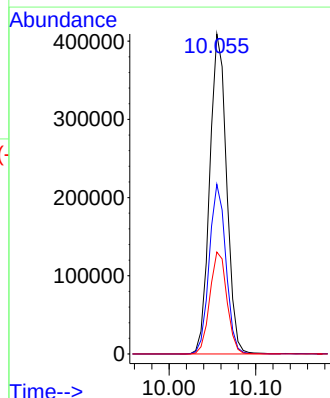
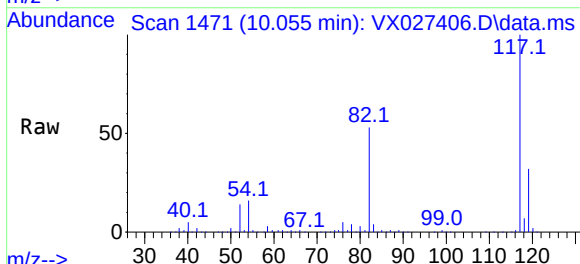
Instrument :
MSVOA_X
ClientSampleId :
RW-3

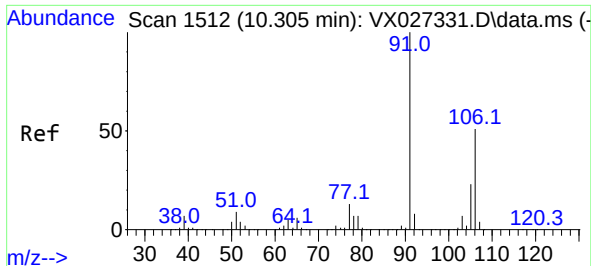
Tgt Ion: 95 Resp: 251407
Ion Ratio Lower Upper
95 100
174 85.8 0.0 163.0
176 82.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Tgt Ion: 117 Resp: 553562
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 31.8 24.8 37.2

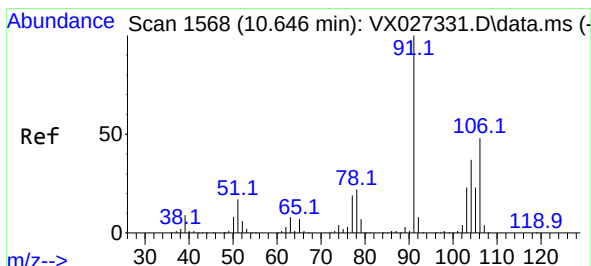
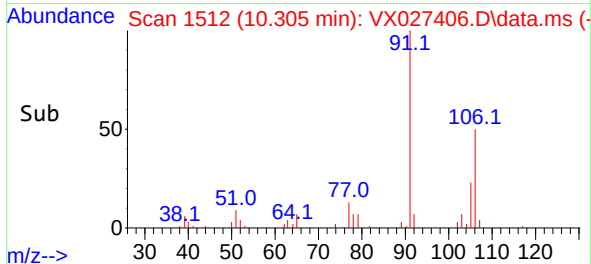
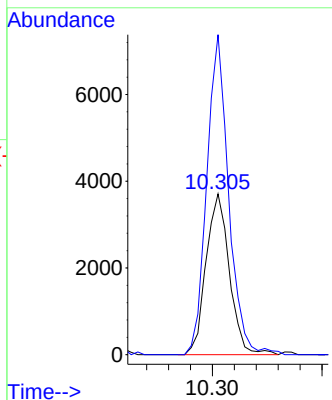
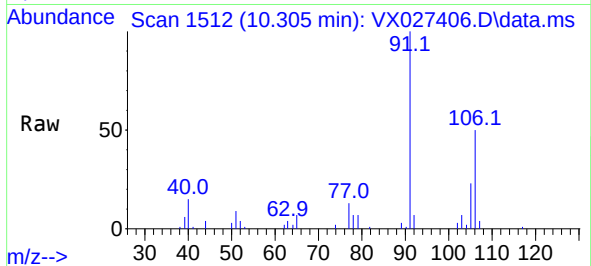




#68
m/p-Xylenes
Concen: 0.696 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

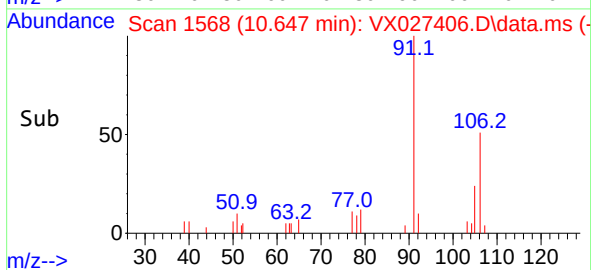
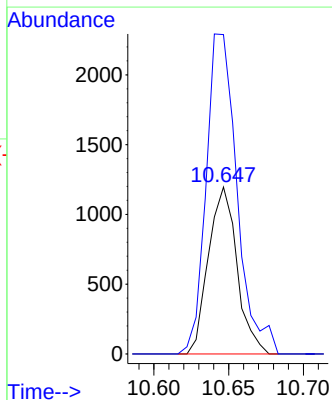
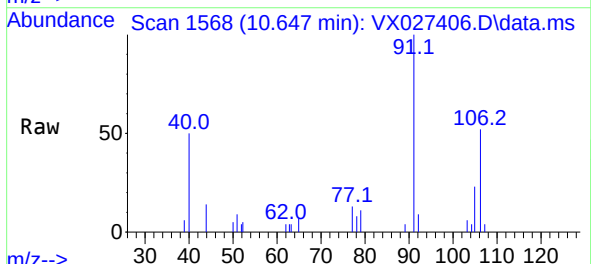
Instrument :
MSVOA_X
ClientSampleId :
RW-3

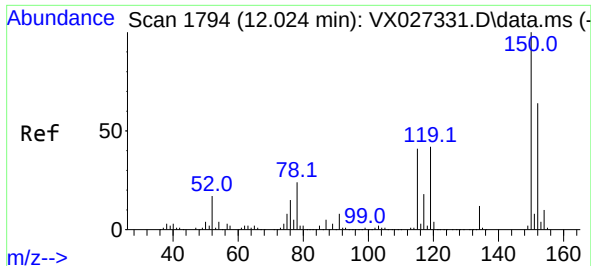
Tgt Ion:106 Resp: 5480
Ion Ratio Lower Upper
106 100
91 186.3 160.4 240.6



#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

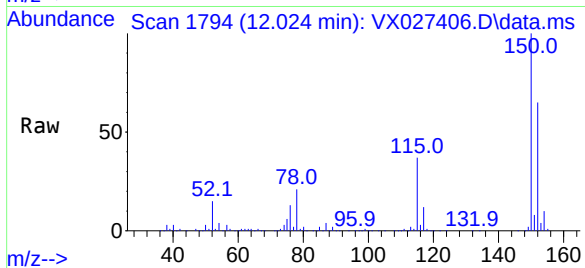
Tgt Ion:106 Resp: 1587
Ion Ratio Lower Upper
106 100
91 207.7 106.1 318.1



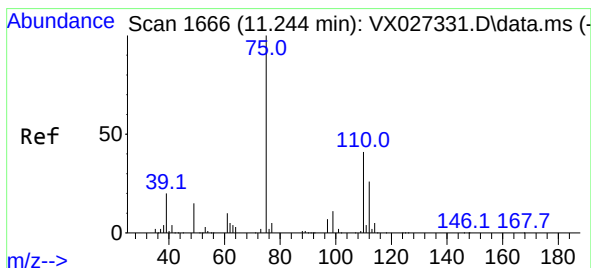
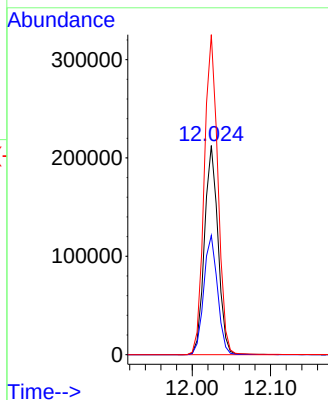
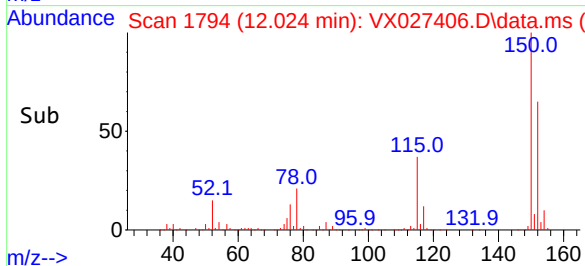


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

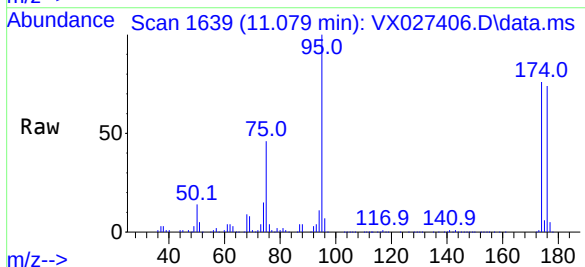
Instrument :
MSVOA_X
ClientSampleId :
RW-3



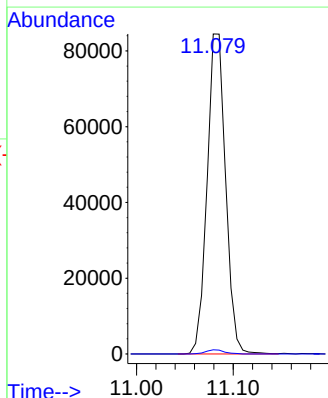
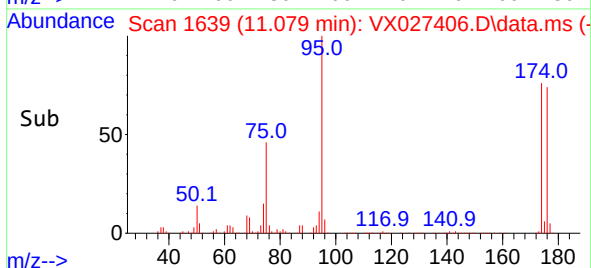
Tgt Ion:152 Resp: 254511
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 154.9 0.0 338.2

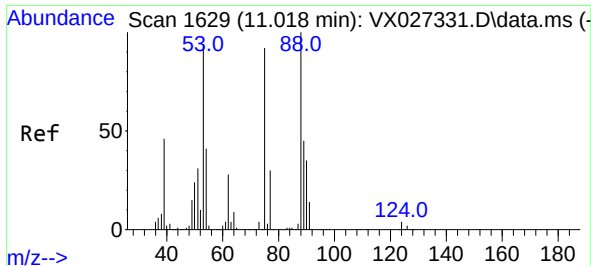


#76
1,2,3-Trichloropropane
Concen: 20.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53



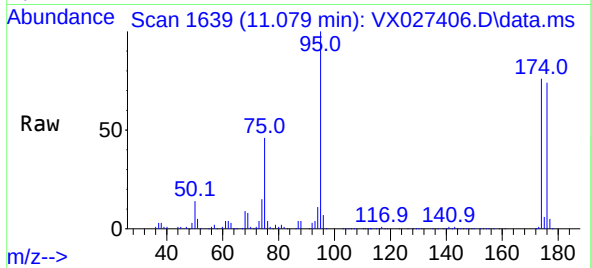
Tgt Ion: 75 Resp: 112611
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.221 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX027406.D
Acq: 11 Mar 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
RW-3



Tgt Ion: 75 Resp: 112611
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

