

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027437.D
 Acq On : 14 Mar 2022 21:30
 Operator : JC/MD
 Sample : N1924-09 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33606

Quant Time: Mar 15 06:07:19 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)

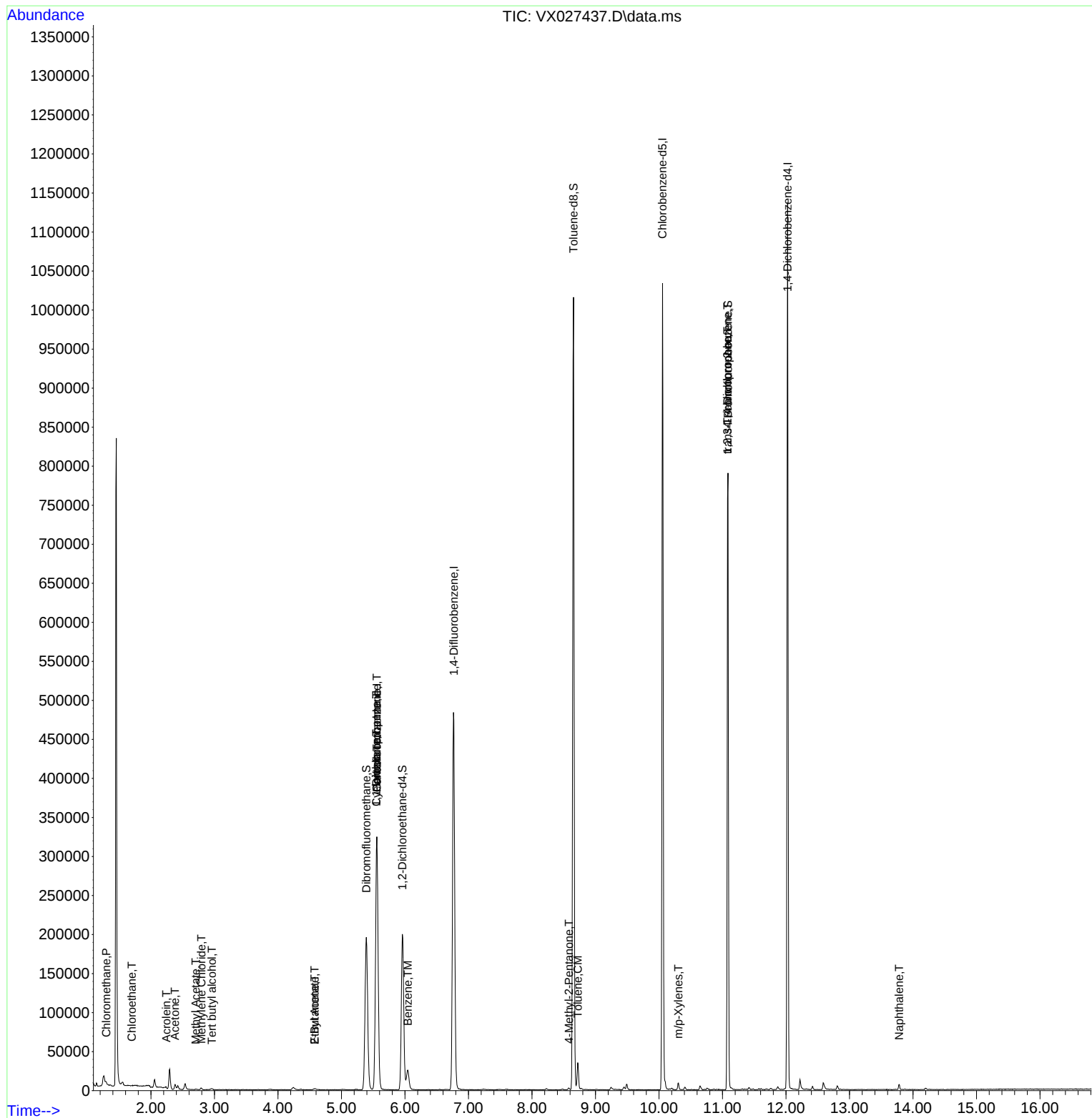
Internal Standards						
1) Pentafluorobenzene	5.556	168	306112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	505878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	460492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200906	56.280	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.560%
35) Dibromofluoromethane	5.391	113	169828	52.027	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.060%
50) Toluene-d8	8.653	98	600810	48.754	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.085	95	214308	45.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	929	0.282	ug/l	96
5) Bromomethane	1.618	94	350	Below Cal		83
6) Chloroethane	1.697	64	479	0.672	ug/l #	43
11) Tert butyl alcohol	2.959	59	1318	1.883	ug/l #	77
13) Acrolein	2.239	56	986	2.010	ug/l #	63
16) Acetone	2.380	43	6630	1.926	ug/l	96
18) Methyl Acetate	2.703	43	884	0.225	ug/l	91
20) Methylene Chloride	2.794	84	920	0.264	ug/l	87
25) 2-Butanone	4.574	43	2698	1.097	ug/l #	87
31) Cyclohexane	5.550	56	5958	1.193	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	22858	5.044	ug/l #	50
37) Ethyl Acetate	4.574	43	2698	0.565	ug/l #	65
38) Carbon Tetrachloride	5.556	117	30900	6.594	ug/l #	16
40) Benzene	6.044	78	30489	2.209	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1697	0.352	ug/l #	78
52) Toluene	8.720	92	13050	1.483	ug/l	100
68) m/p-Xylenes	10.305	106	2192	0.334	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	110770	21.428	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	110770	69.299	ug/l #	15
95) Naphthalene	13.780	128	4029	0.227	ug/l	96

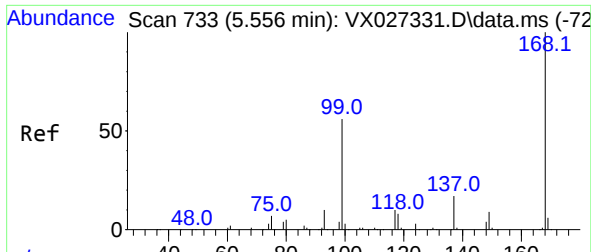
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

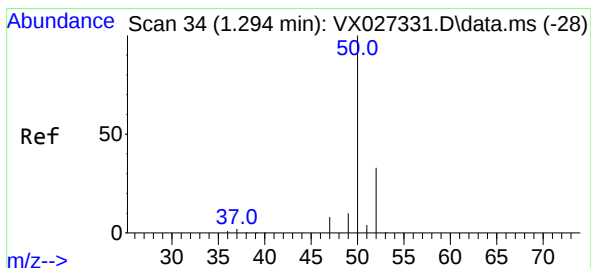
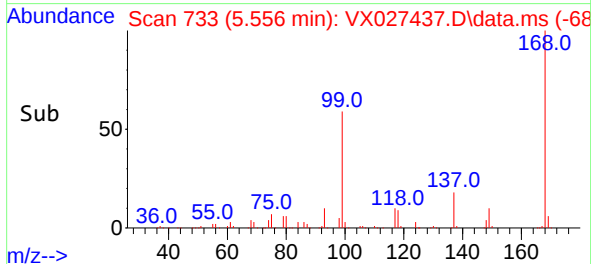
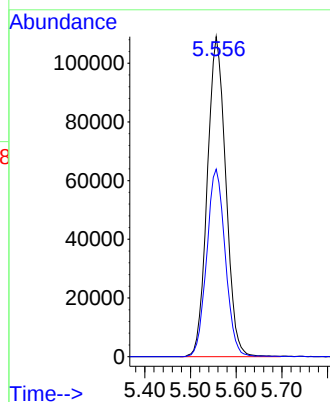
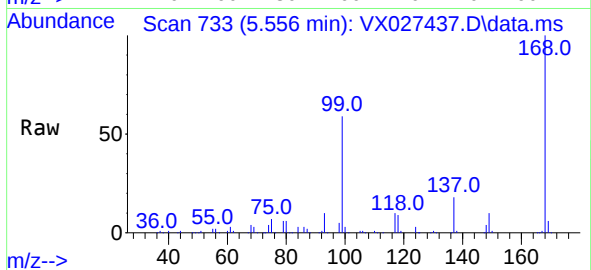




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

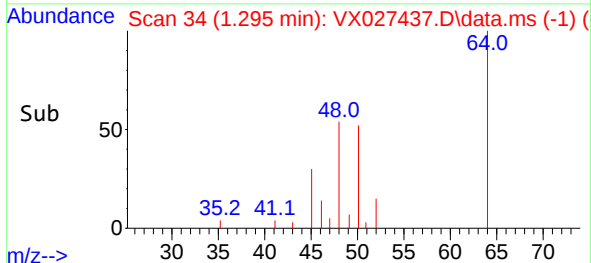
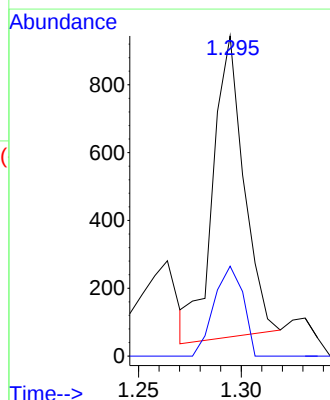
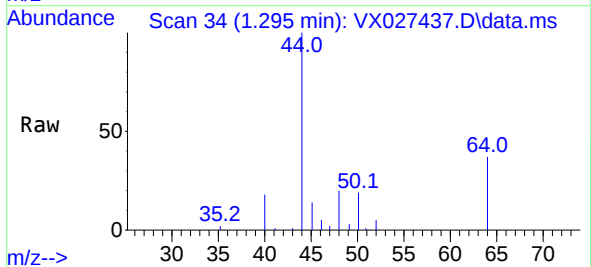
Instrument :
MSVOA_X
ClientSampleId :
33606

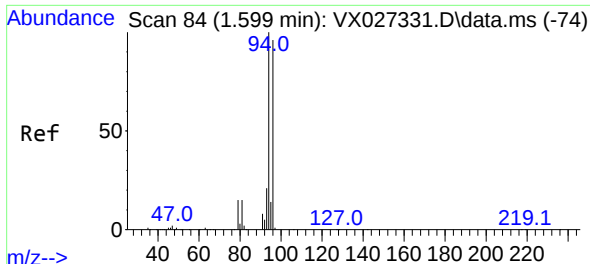
Tgt Ion:168 Resp: 306112
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 30.6 26.4 39.6

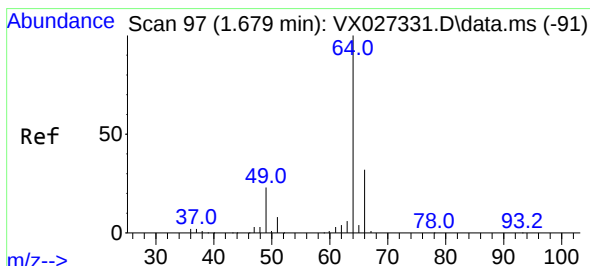
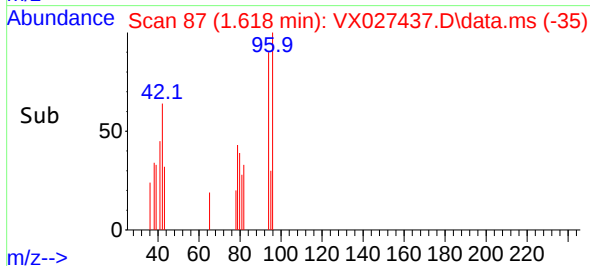
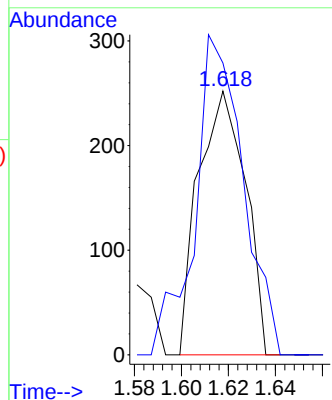
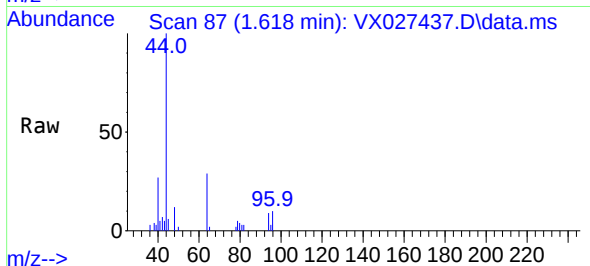




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

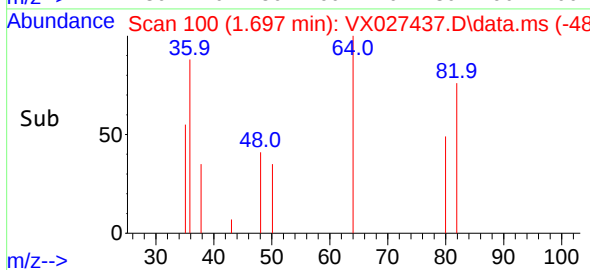
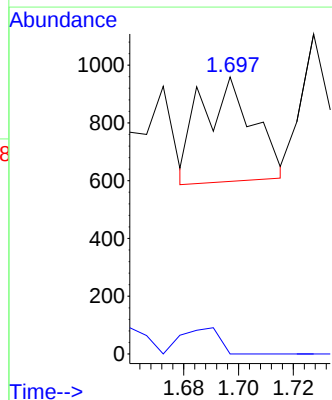
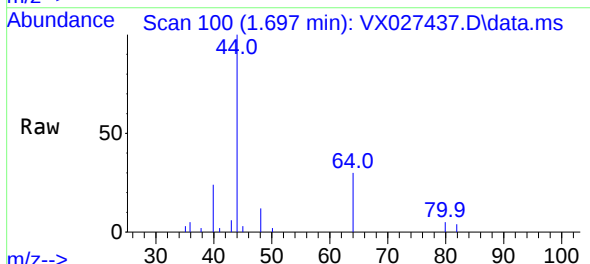
Instrument :
MSVOA_X
ClientSampleId :
33606

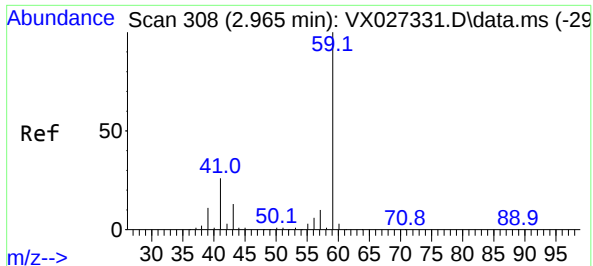
Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 110.7 75.3 112.9



#6
Chloroethane
Concen: 0.672 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 64 Resp: 479
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

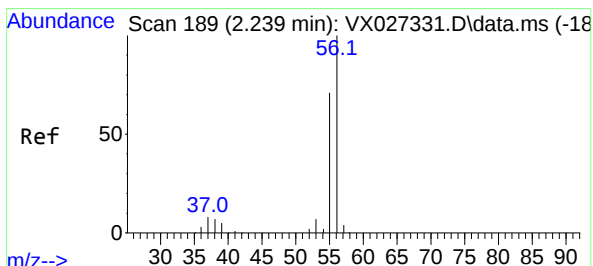
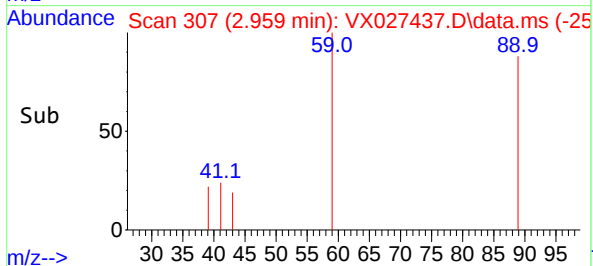
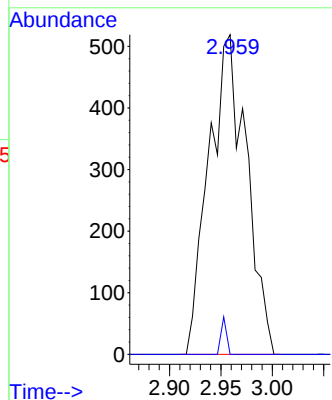
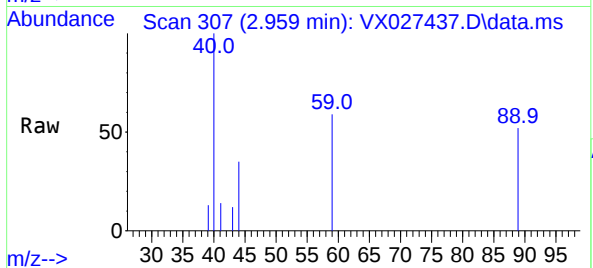




#11
Tert butyl alcohol
Concen: 1.883 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

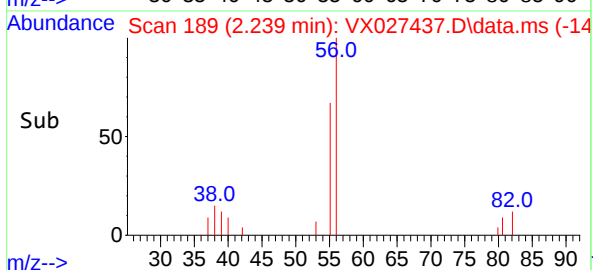
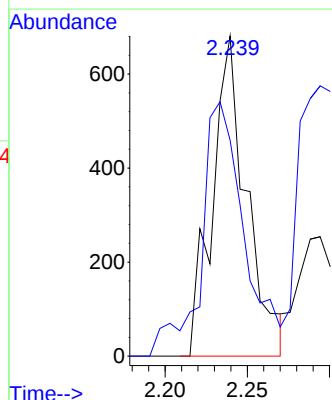
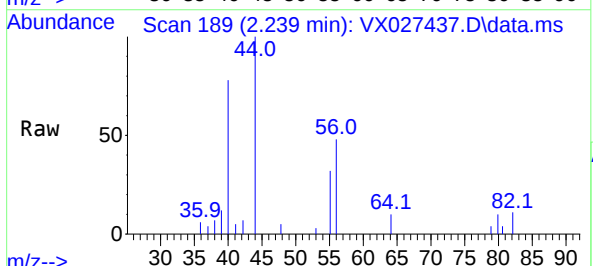
Instrument :
MSVOA_X
ClientSampleId :
33606

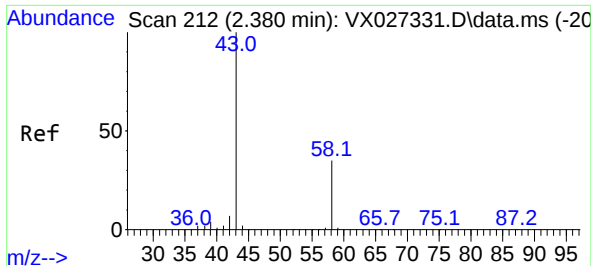
Tgt Ion: 59 Resp: 1318
Ion Ratio Lower Upper
59 100
57 1.7 8.3 12.5#



#13
Acrolein
Concen: 2.010 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 56 Resp: 986
Ion Ratio Lower Upper
56 100
55 99.0 55.0 82.6#

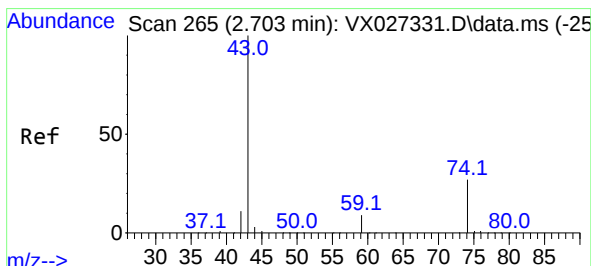
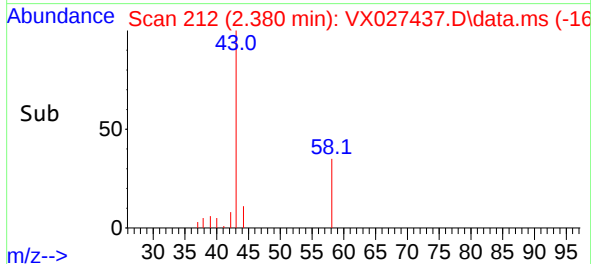
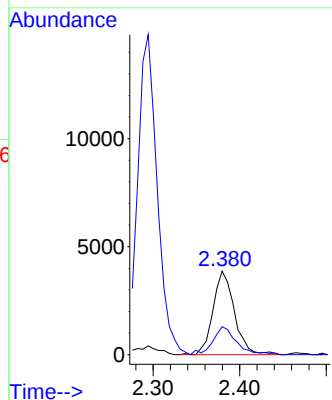
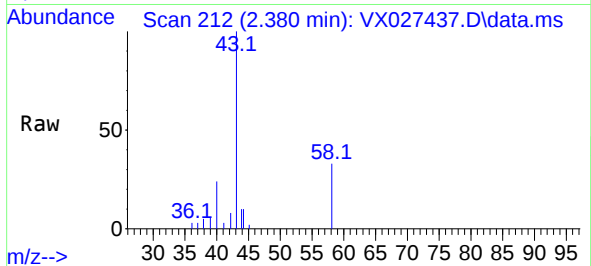




#16
Acetone
Concen: 1.926 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

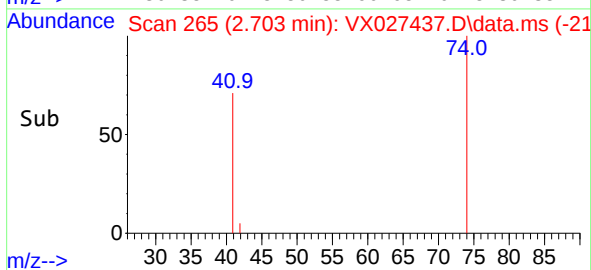
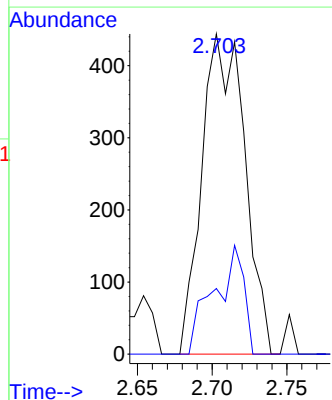
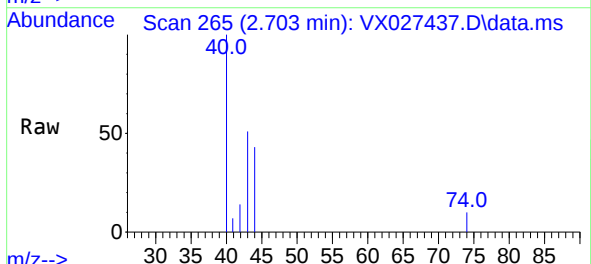
Instrument :
MSVOA_X
ClientSampleId :
33606

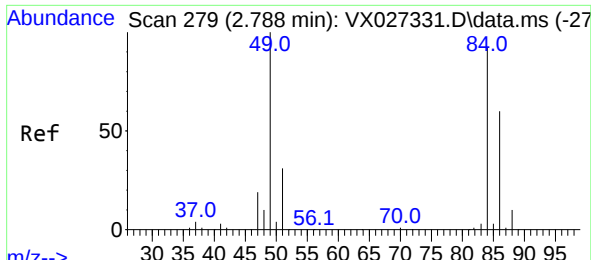
Tgt Ion: 43 Resp: 6630
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
74 23.9 22.8 34.2



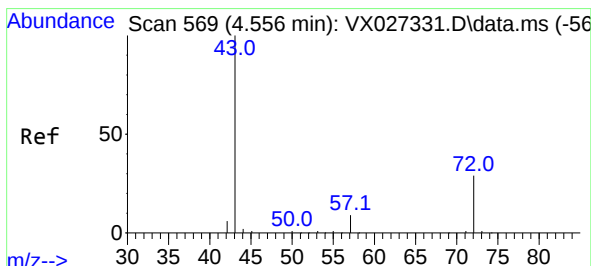
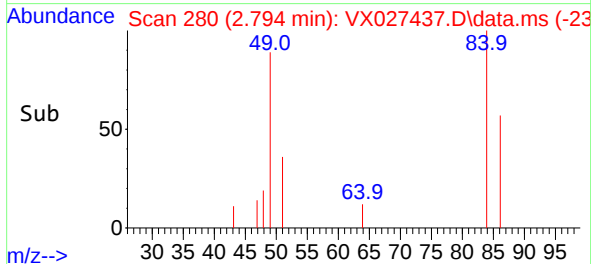
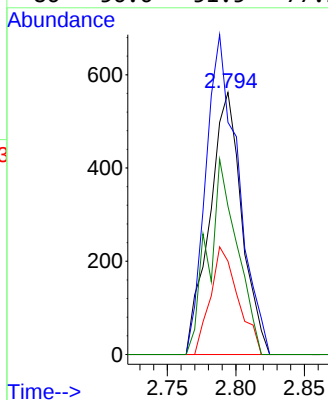
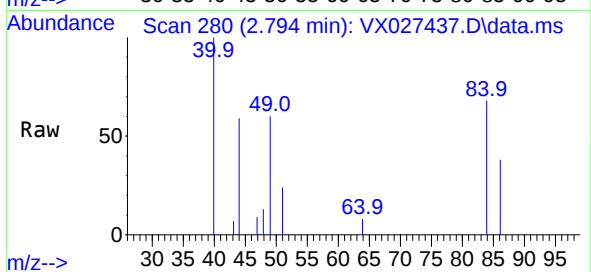


#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Instrument :
MSVOA_X
ClientSampleId :
33606

Tgt Ion: 84 Resp: 920

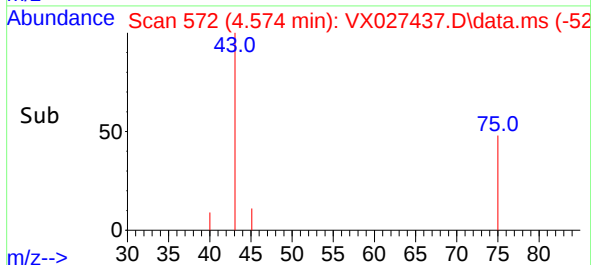
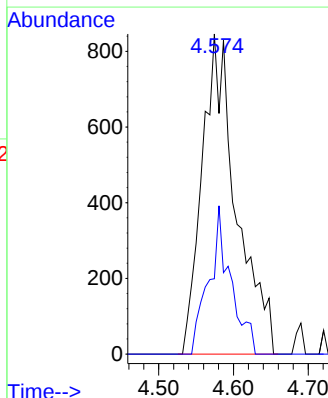
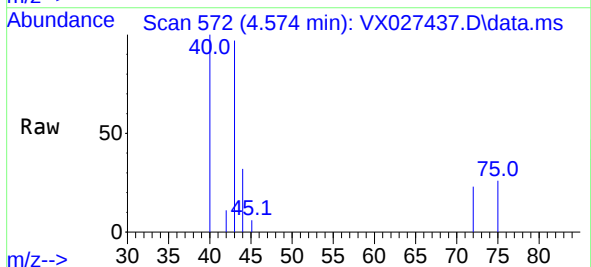
Ion	Ratio	Lower	Upper
84	100		
49	88.6	85.5	128.3
51	35.6	26.6	39.8
86	56.6	51.5	77.3

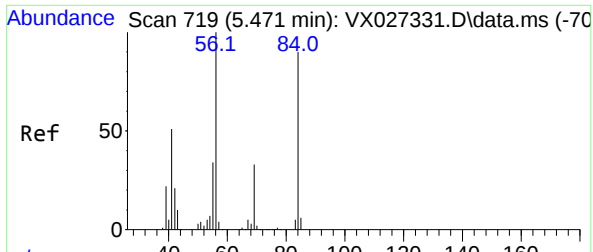


#25
2-Butanone
Concen: 1.097 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 43 Resp: 2698

Ion	Ratio	Lower	Upper
43	100		
72	23.5	24.4	36.6#

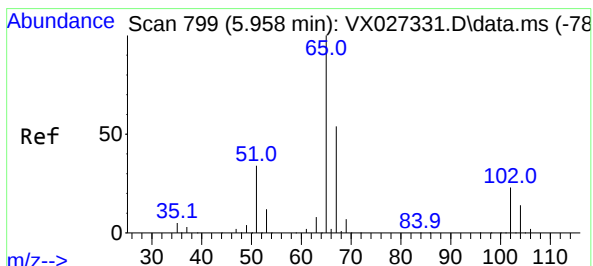
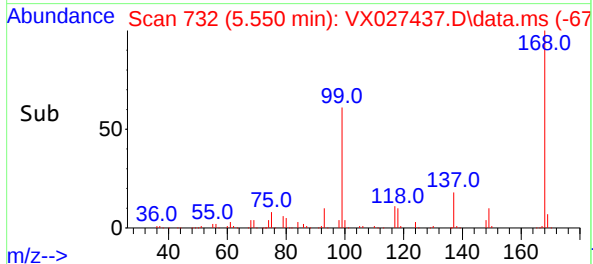
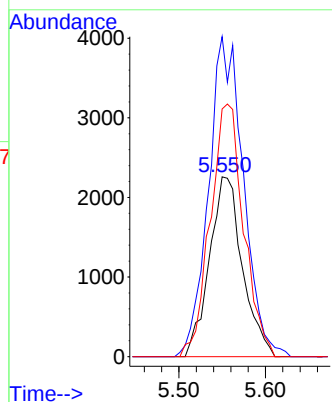
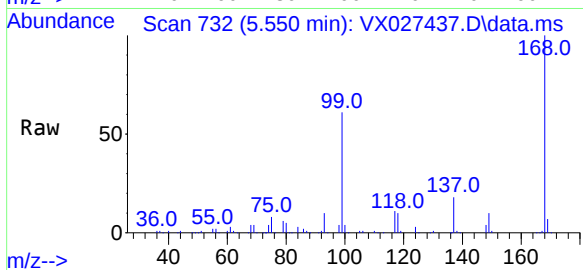




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

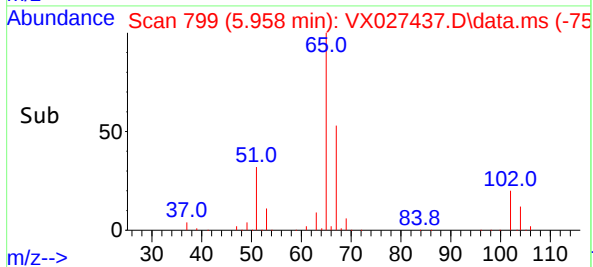
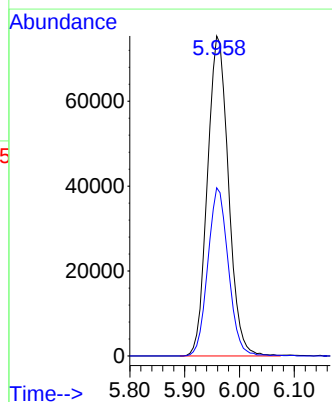
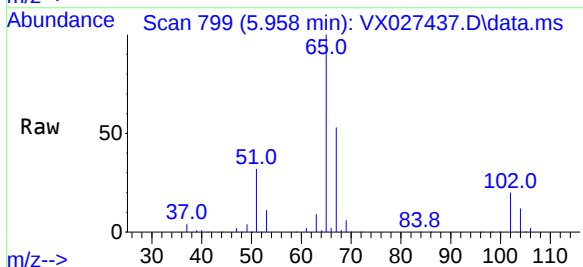
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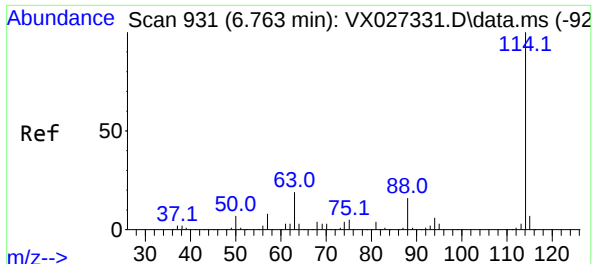
Tgt Ion: 56 Resp: 5958
Ion Ratio Lower Upper
56 100
69 175.6 26.7 40.1#
84 137.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.280 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 65 Resp: 200906
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4

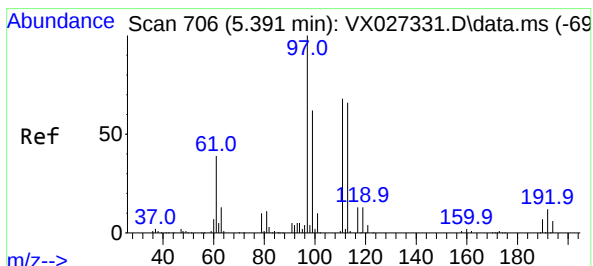
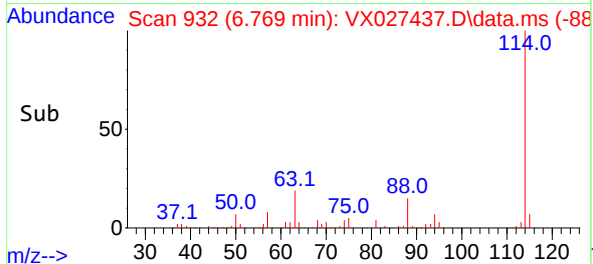
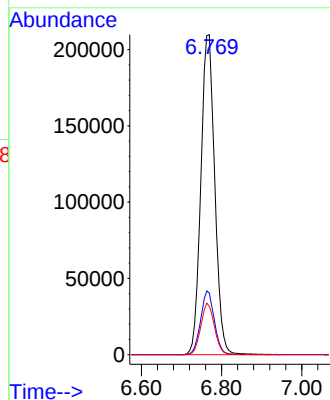
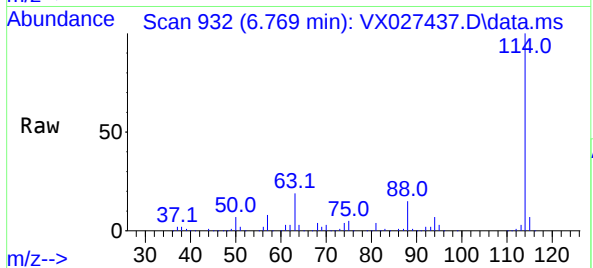




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

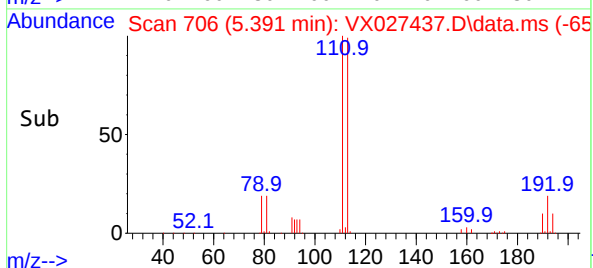
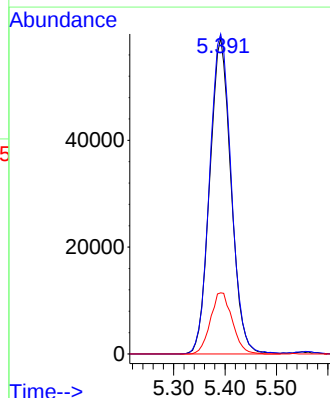
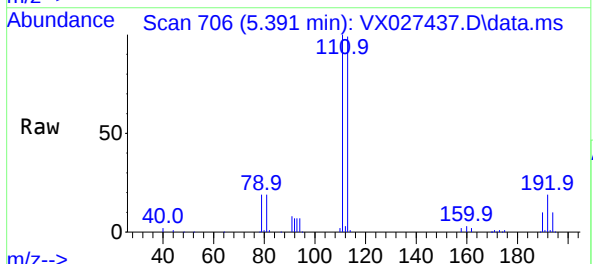
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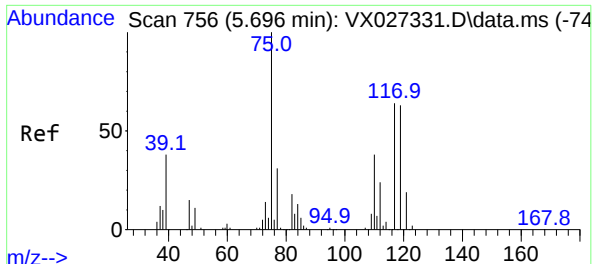
Tgt Ion:114 Resp: 505878
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion:113 Resp: 169828
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.044 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX027437.D

Acq: 14 Mar 2022 21:30

Instrument :

MSVOA_X

ClientSampleId :

33606

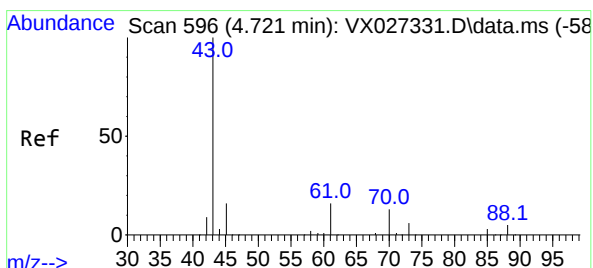
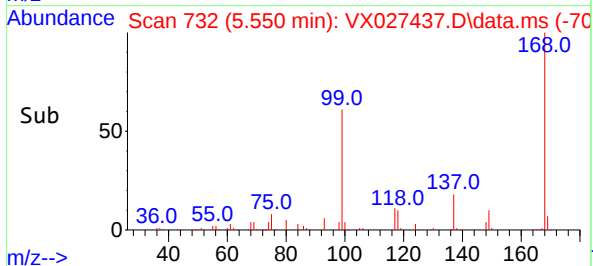
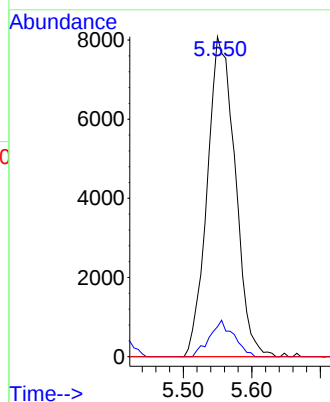
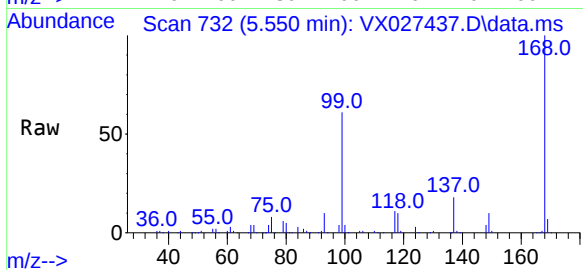
Tgt Ion: 75 Resp: 22858

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.565 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.147 min

Lab File: VX027437.D

Acq: 14 Mar 2022 21:30

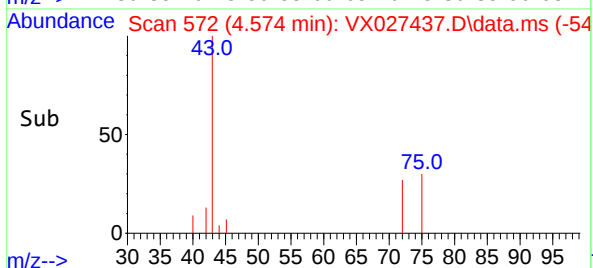
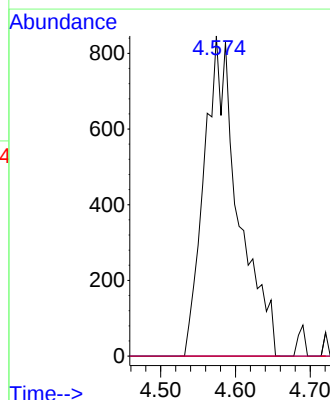
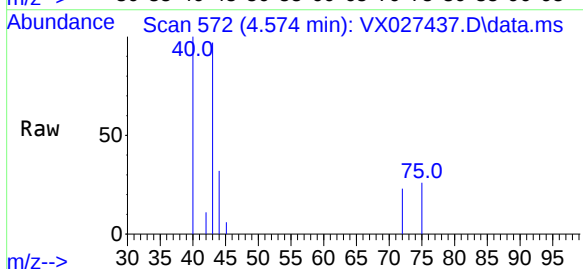
Tgt Ion: 43 Resp: 2698

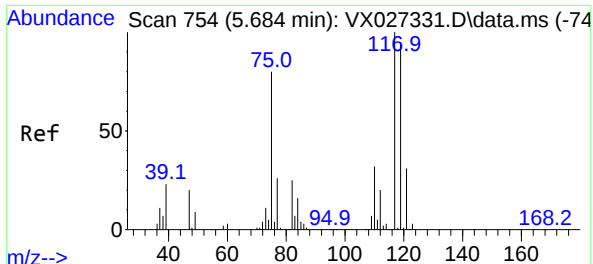
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#

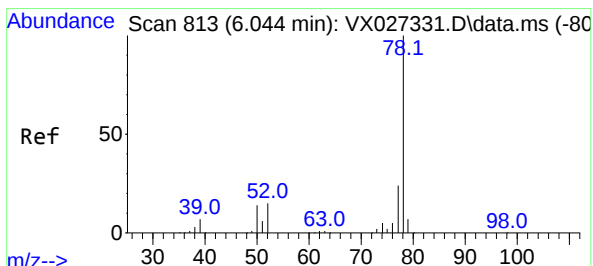
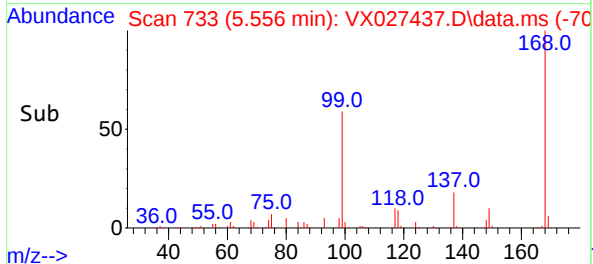
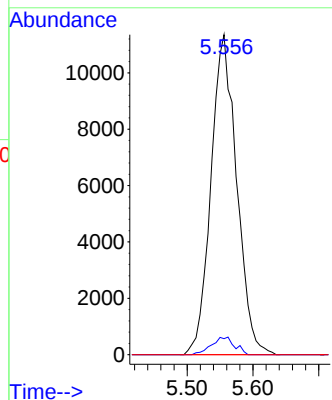
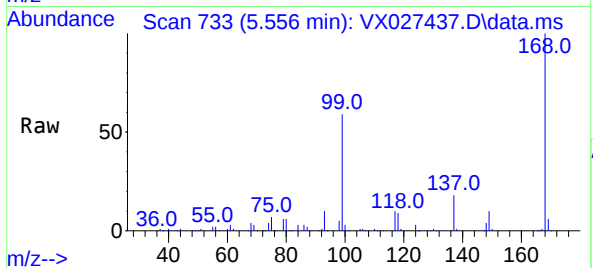




#38
Carbon Tetrachloride
Concen: 6.594 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

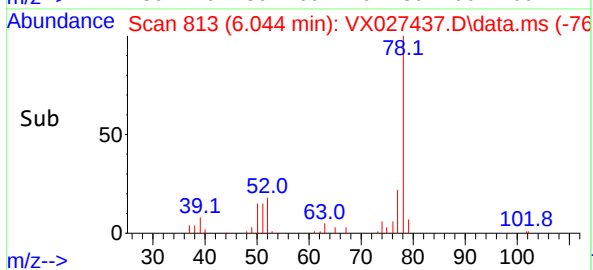
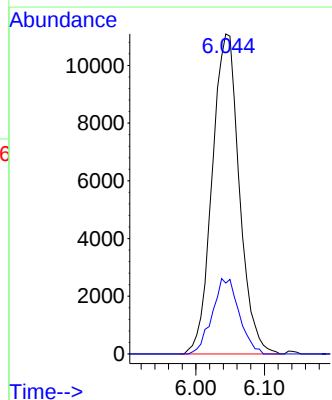
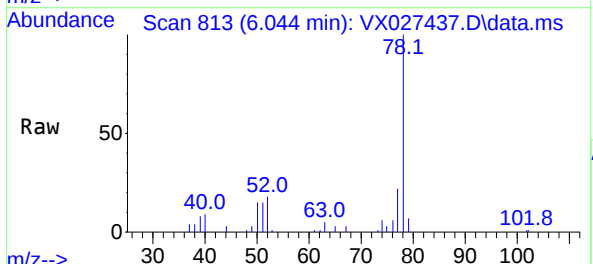
Instrument :
MSVOA_X
ClientSampleId :
33606

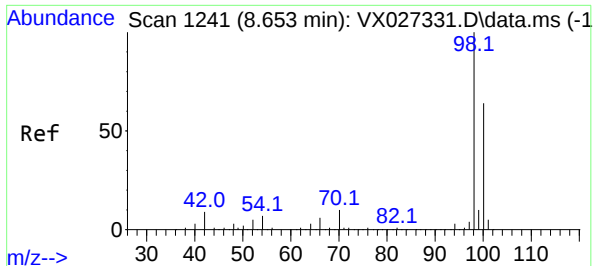
Tgt Ion:117 Resp: 30900
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 2.209 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 78 Resp: 30489
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9

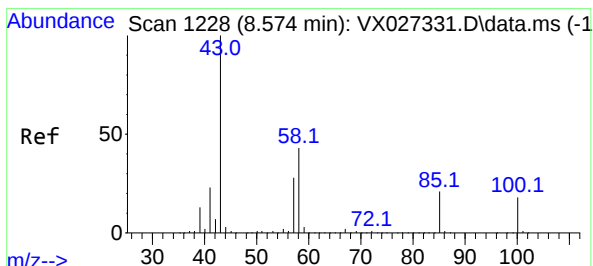
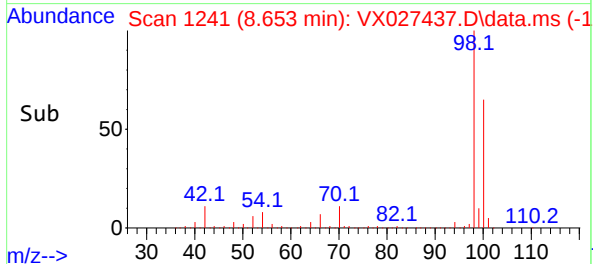
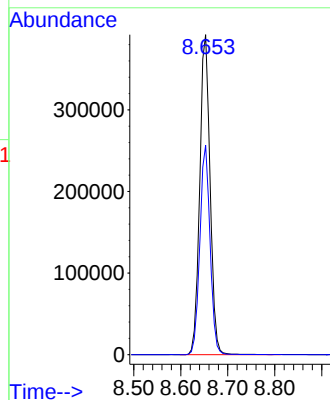
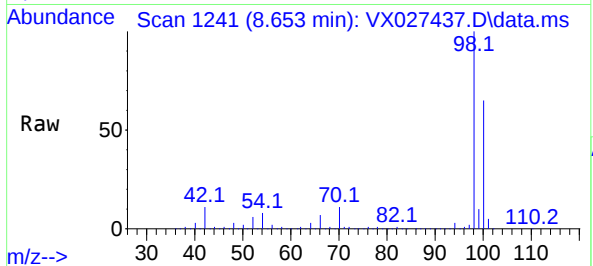




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

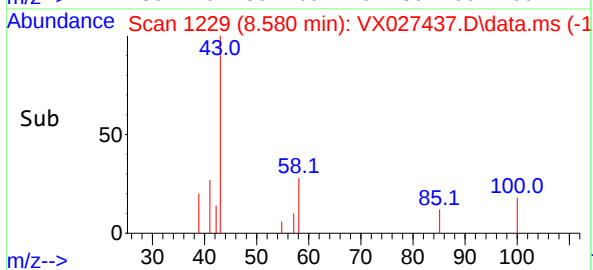
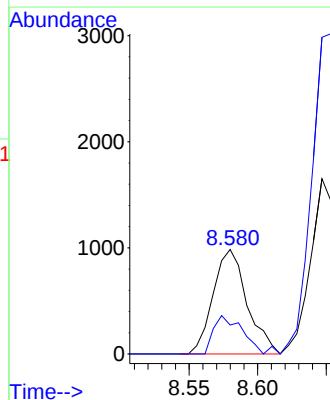
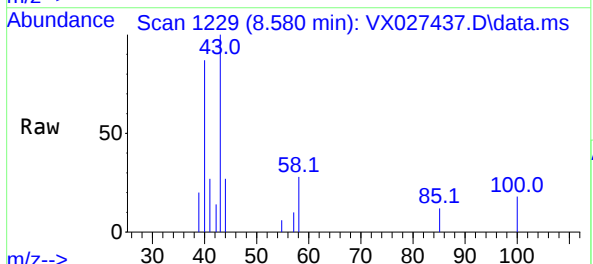
Instrument :
MSVOA_X
ClientSampleId :
33606

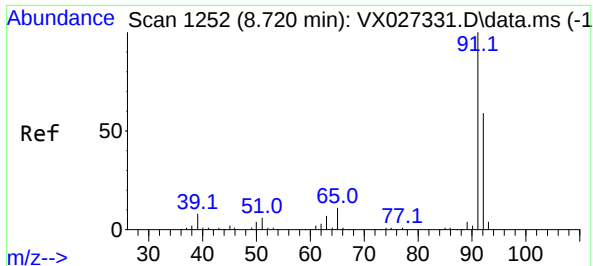
Tgt Ion: 98 Resp: 600810
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.352 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 43 Resp: 1697
Ion Ratio Lower Upper
43 100
58 30.8 36.1 54.1#





#52

Toluene

Concen: 1.483 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027437.D

Acq: 14 Mar 2022 21:30

Instrument :

MSVOA_X

ClientSampleId :

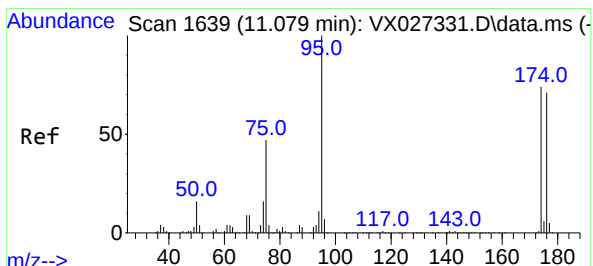
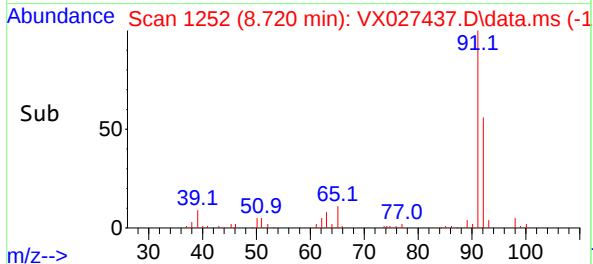
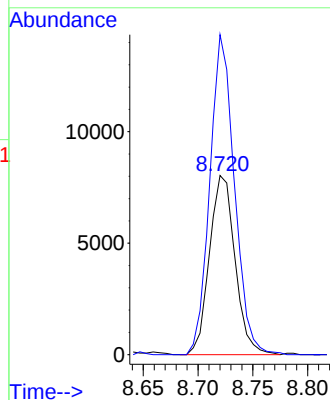
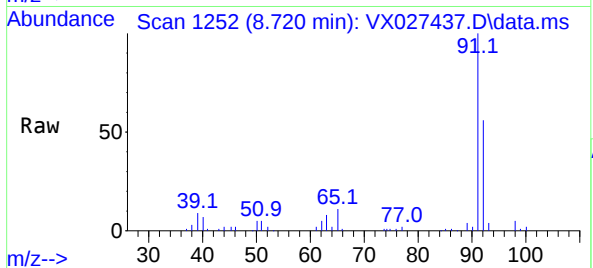
33606

Tgt Ion: 92 Resp: 13050

Ion Ratio Lower Upper

92 100

91 171.9 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 45.628 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027437.D

Acq: 14 Mar 2022 21:30

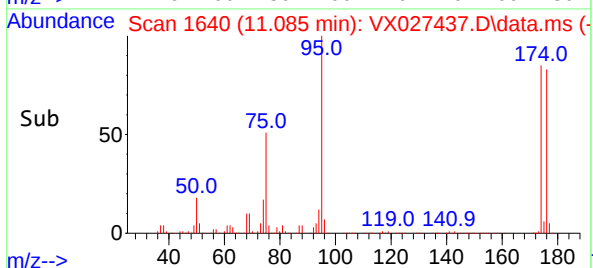
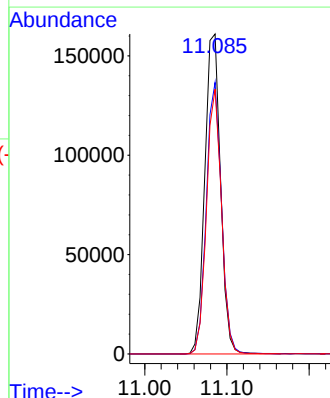
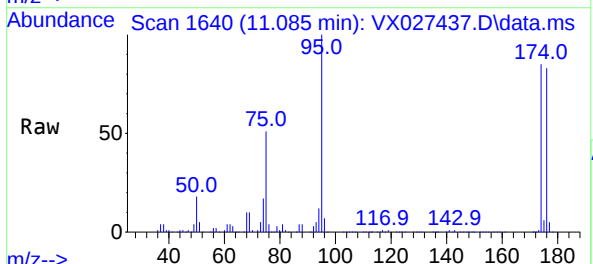
Tgt Ion: 95 Resp: 214308

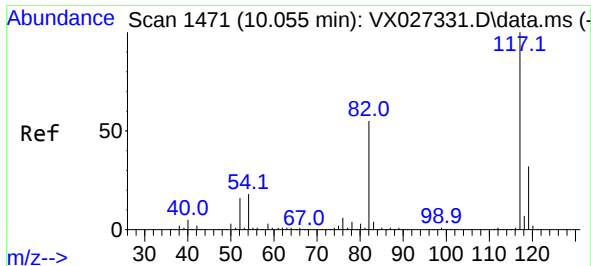
Ion Ratio Lower Upper

95 100

174 81.8 0.0 163.0

176 78.9 0.0 155.0

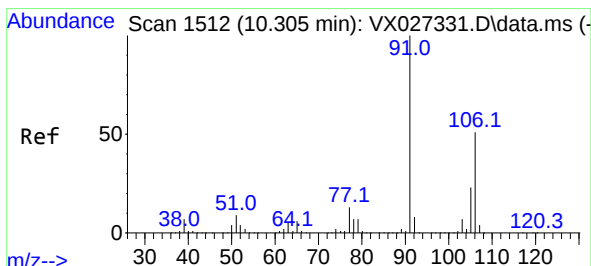
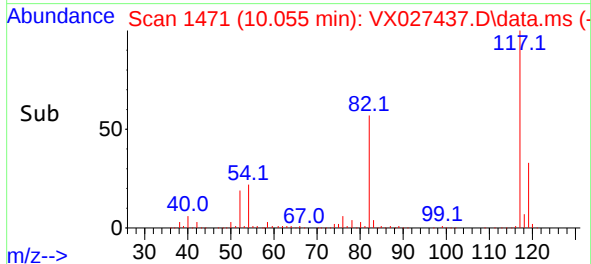
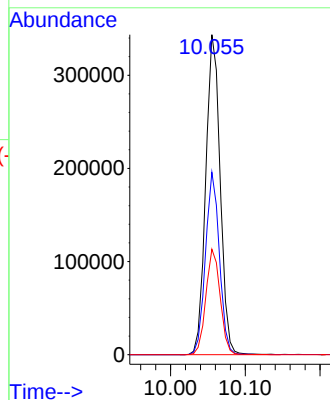
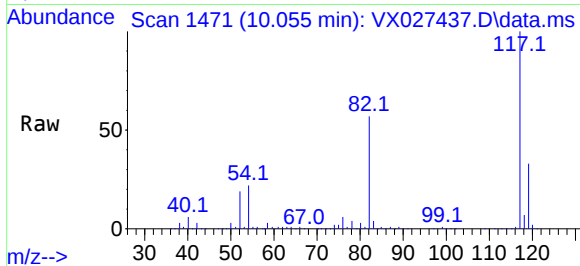




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

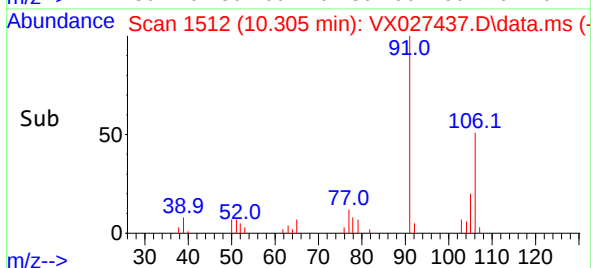
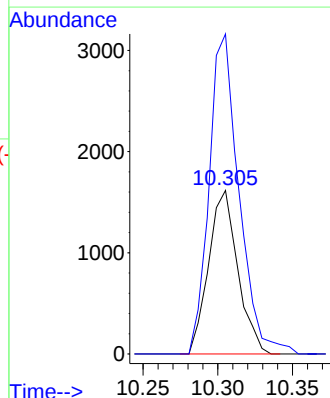
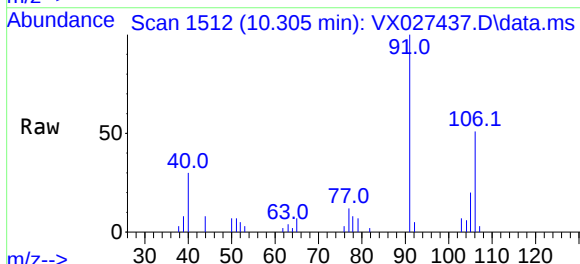
Instrument :
MSVOA_X
ClientSampleId :
33606

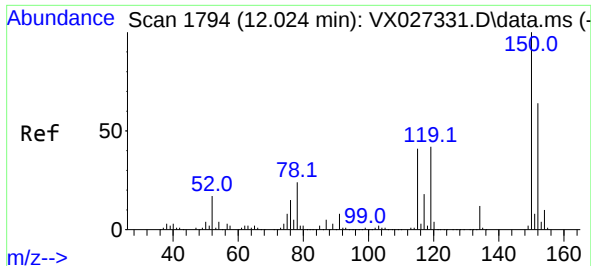
Tgt Ion:117 Resp: 460492
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 33.0 24.8 37.2



#68
m/p-Xylenes
Concen: 0.334 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion:106 Resp: 2192
Ion Ratio Lower Upper
106 100
91 200.5 160.4 240.6

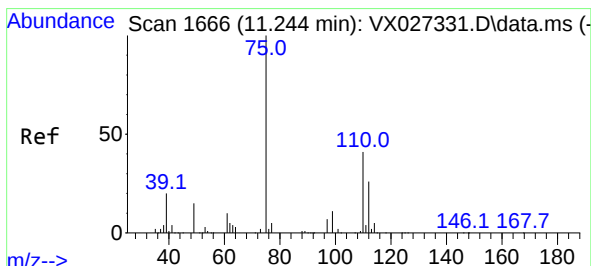
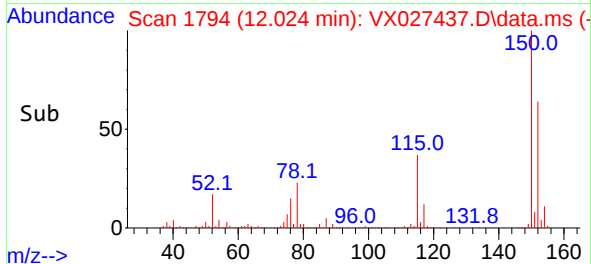
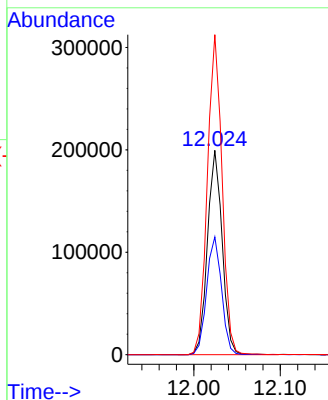
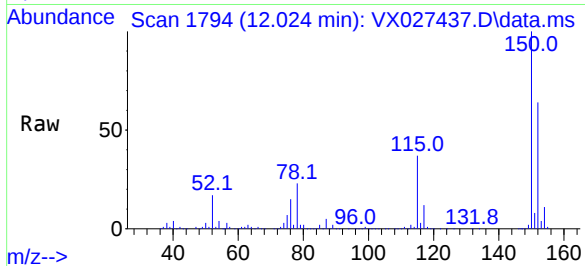




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

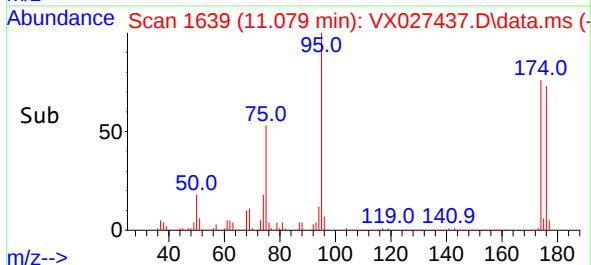
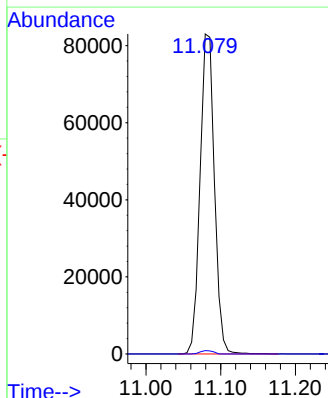
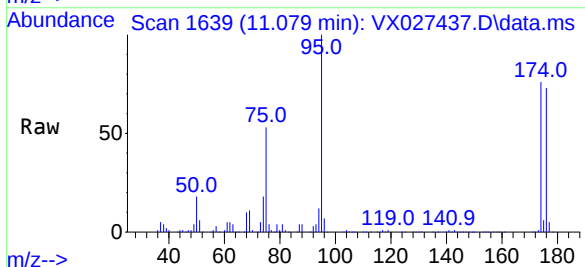
Instrument :
MSVOA_X
ClientSampleId :
33606

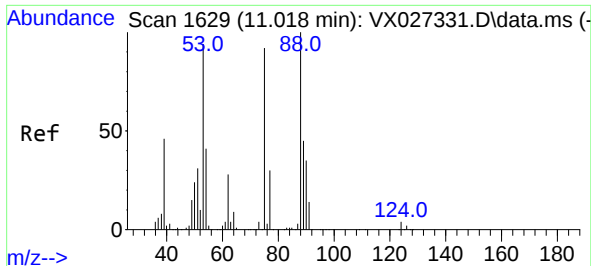
Tgt Ion:152 Resp: 235615
Ion Ratio Lower Upper
152 100
115 58.5 37.5 112.7
150 156.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 75 Resp: 110770
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#

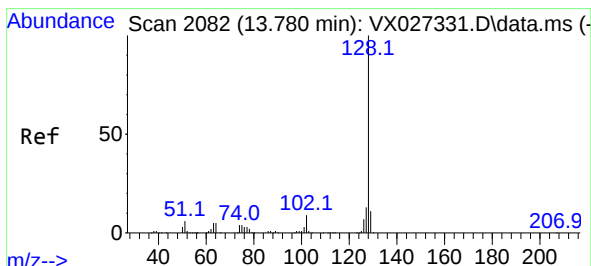
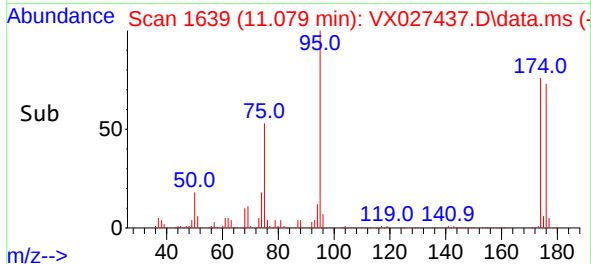
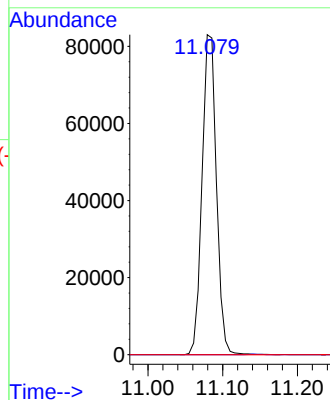
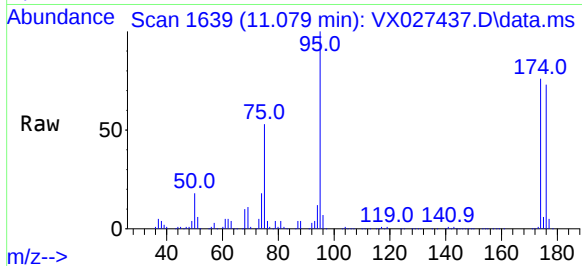




#81
trans-1,4-Dichloro-2-butene
Concen: 69.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Instrument :
MSVOA_X
ClientSampleId :
33606

Tgt Ion: 75 Resp: 110770
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.227 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027437.D
Acq: 14 Mar 2022 21:30

Tgt Ion: 128 Resp: 4029
Ion Ratio Lower Upper
128 100
127 15.2 10.2 15.4
129 10.0 8.7 13.1

