

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027448.D
 Acq On : 15 Mar 2022 15:34
 Operator : JC/MD
 Sample : N1949-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Mar 16 04:18:25 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)

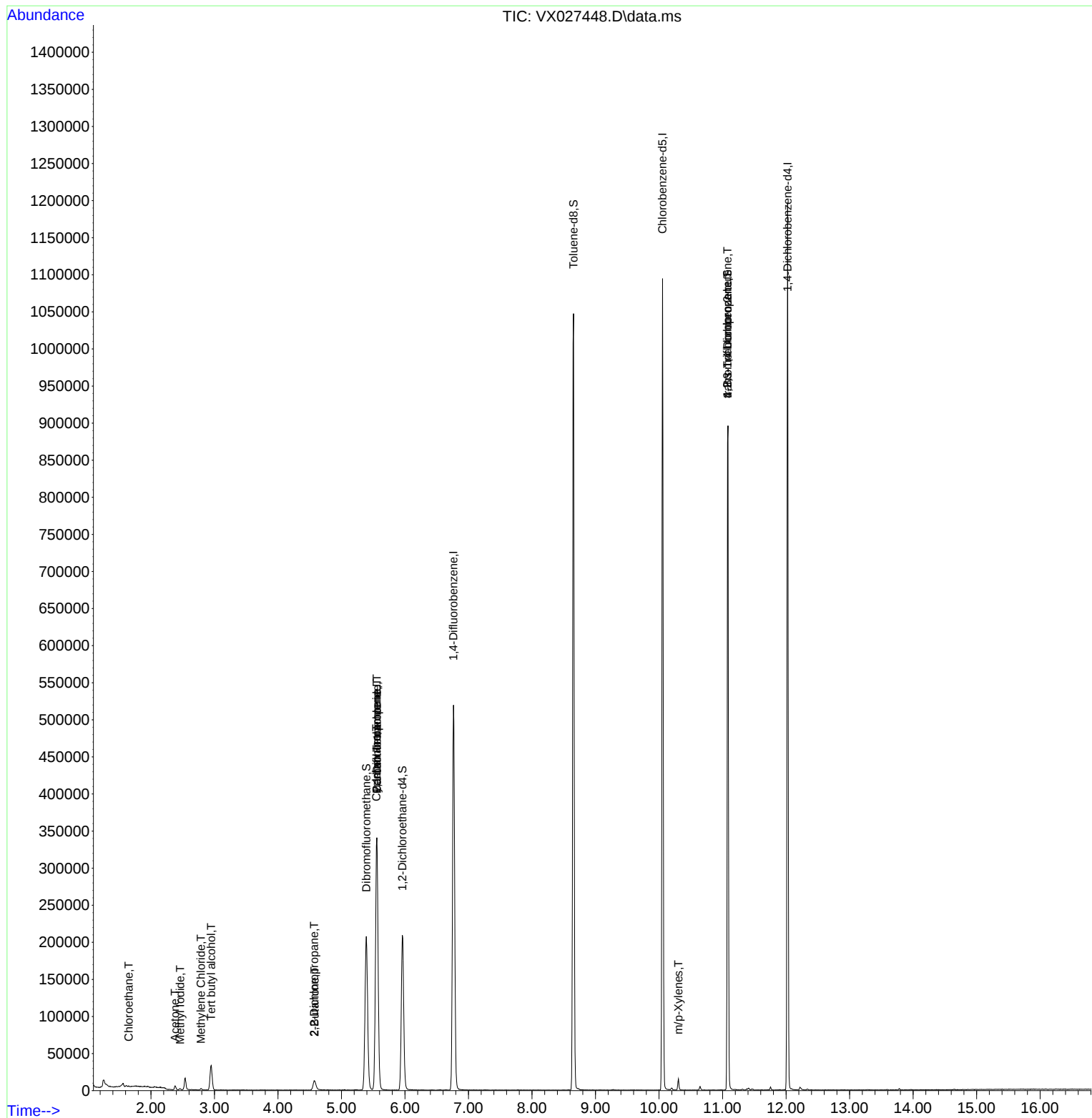
Internal Standards						
1) Pentafluorobenzene	5.556	168	327195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	540171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212659	55.734	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.460%			
35) Dibromofluoromethane	5.391	113	180160	51.688	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.380%			
50) Toluene-d8	8.653	98	639193	48.575	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.160%			
62) 4-Bromofluorobenzene	11.079	95	250490	49.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.900%			
Target Compounds			Qvalue			
5) Bromomethane	1.612	94	814	Below Cal		100
6) Chloroethane	1.648	64	1330	1.015 ug/l #		70
10) Methyl Iodide	2.459	142	1709	0.367 ug/l		96
11) Tert butyl alcohol	2.947	59	20117	26.894 ug/l #		78
16) Acetone	2.380	43	5241	0.663 ug/l		98
20) Methylene Chloride	2.788	84	948	0.254 ug/l #		91
25) 2-Butanone	4.574	43	823	0.313 ug/l #		44
26) 2,2-Dichloropropane	4.568	77	1074	0.248 ug/l #		52
31) Cyclohexane	5.550	56	6184	1.159 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	24004	4.960 ug/l #		50
38) Carbon Tetrachloride	5.556	117	33679	6.730 ug/l #		15
68) m/p-Xylenes	10.305	106	3498	0.501 ug/l		99
76) 1,2,3-Trichloropropane	11.079	75	118041	21.494 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.079	75	118041	69.514 ug/l #		15

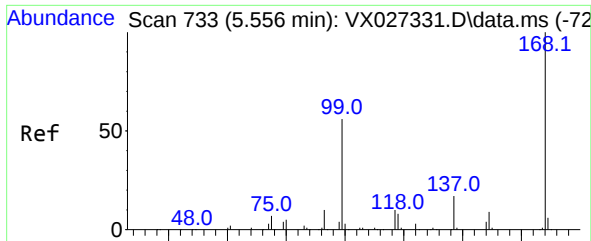
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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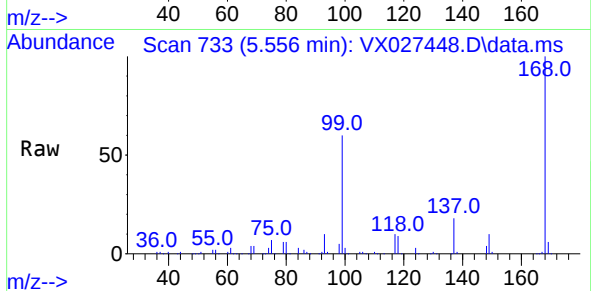
Quant Time: Mar 16 04:18:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
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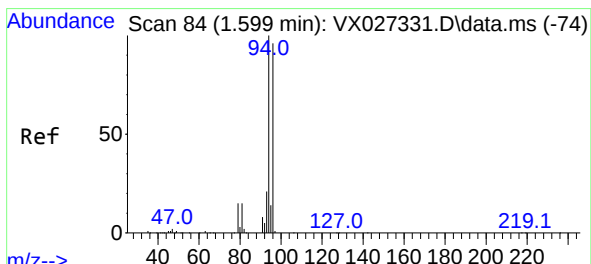
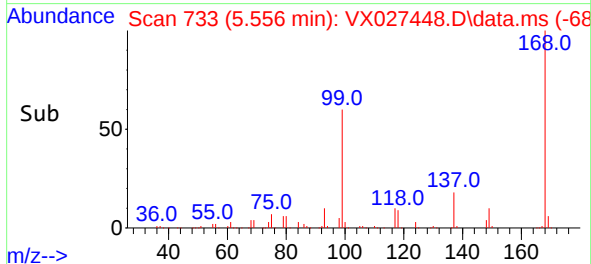
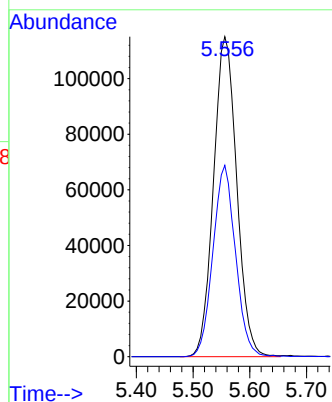


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

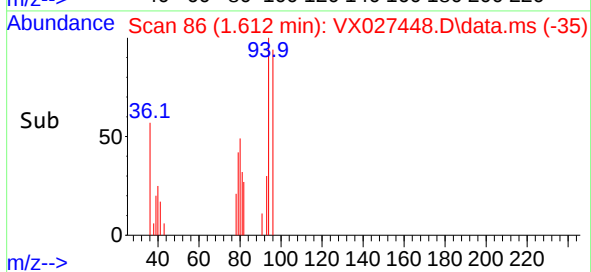
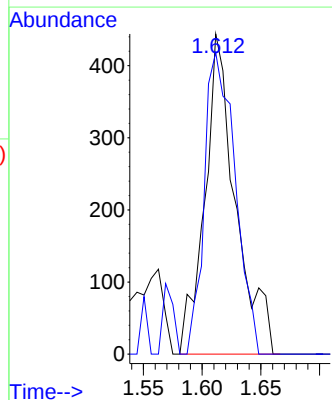
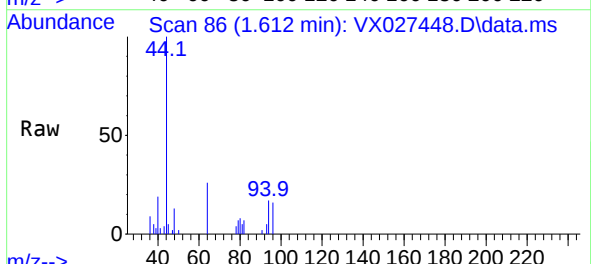


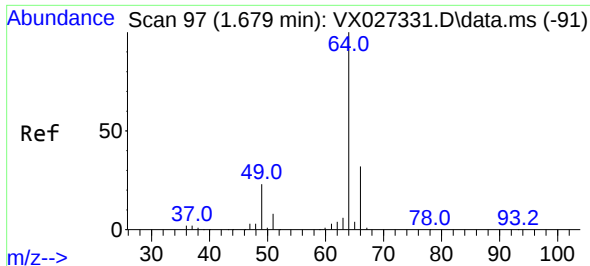
Tgt Ion:168 Resp: 327195
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion: 94 Resp: 814
Ion Ratio Lower Upper
94 100
96 94.1 75.3 112.9

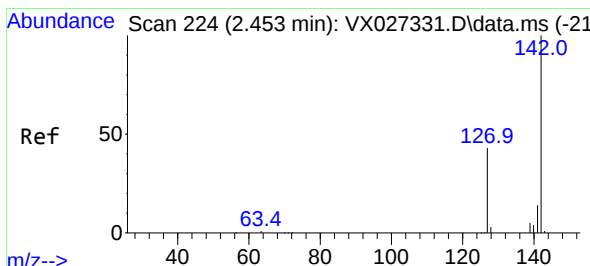
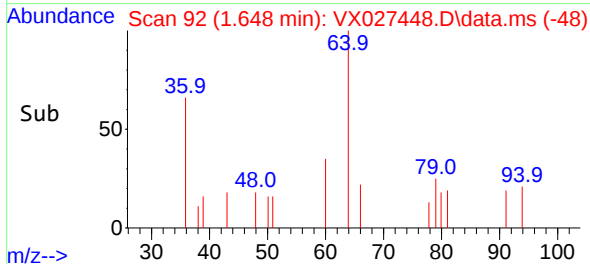
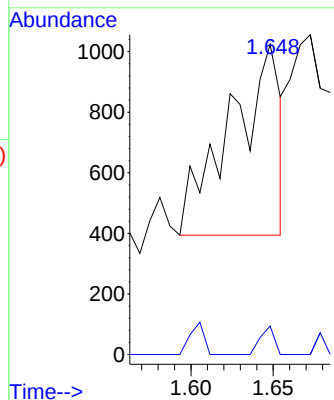
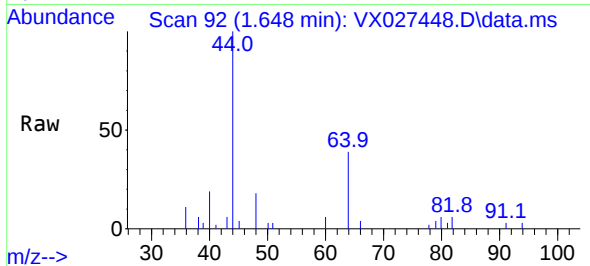




#6
Chloroethane
Concen: 1.015 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

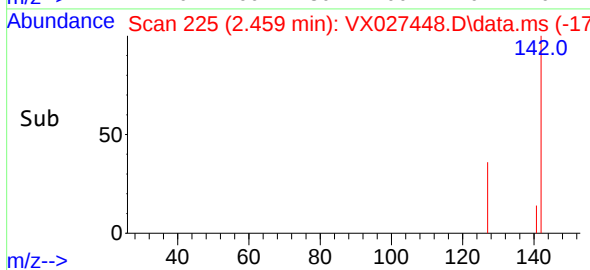
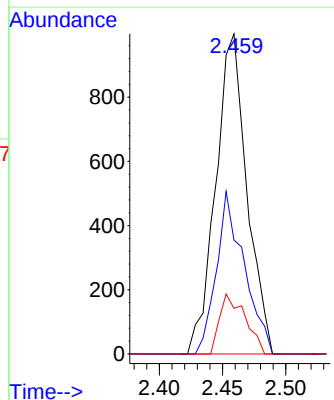
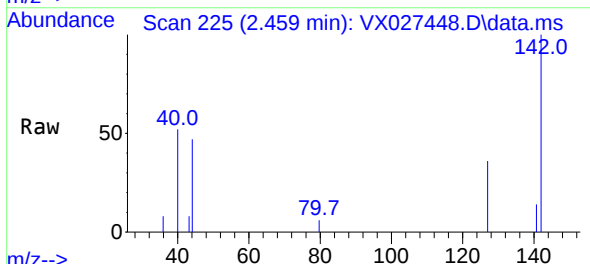
Instrument :
MSVOA_X
ClientSampleId :
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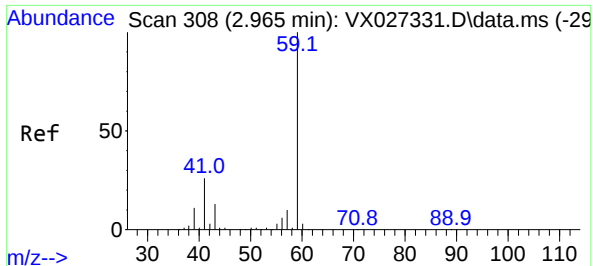
Tgt Ion: 64 Resp: 1330
Ion Ratio Lower Upper
64 100
66 14.9 25.3 37.9#



#10
Methyl Iodide
Concen: 0.367 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion: 142 Resp: 1709
Ion Ratio Lower Upper
142 100
127 45.1 33.9 50.9
141 15.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 26.894 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX027448.D

Acq: 15 Mar 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

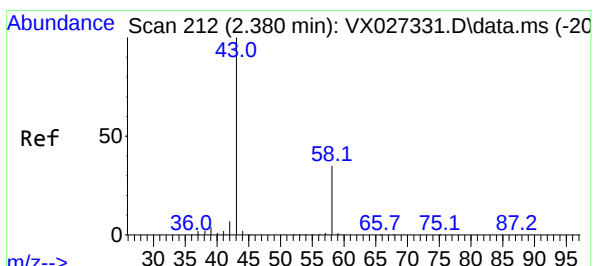
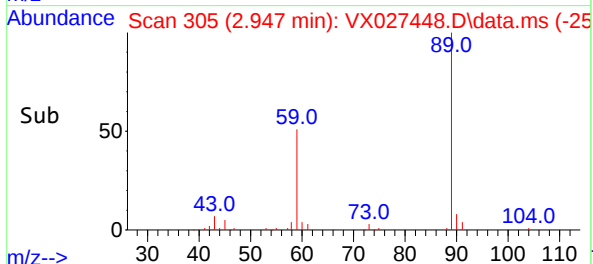
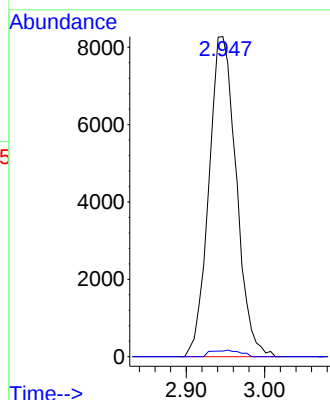
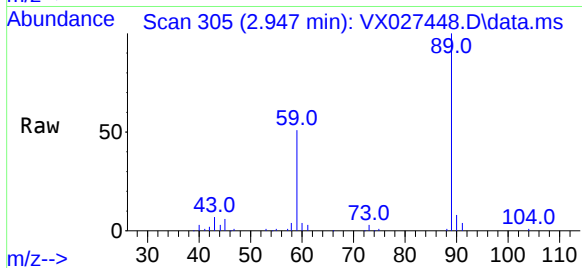
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Tgt Ion: 59 Resp: 20117

Ion Ratio Lower Upper

59 100

57 2.2 8.3 12.5#



#16

Acetone

Concen: 0.663 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027448.D

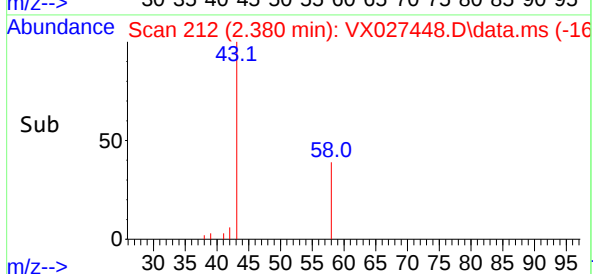
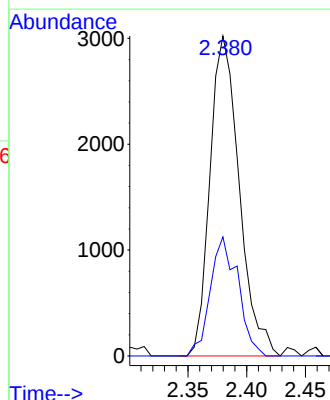
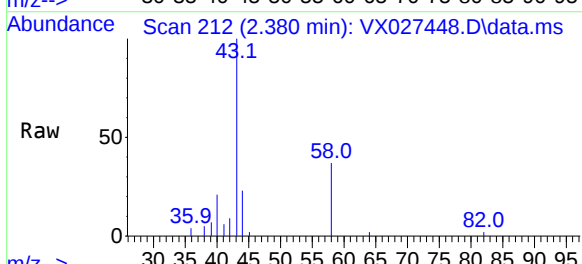
Acq: 15 Mar 2022 15:34

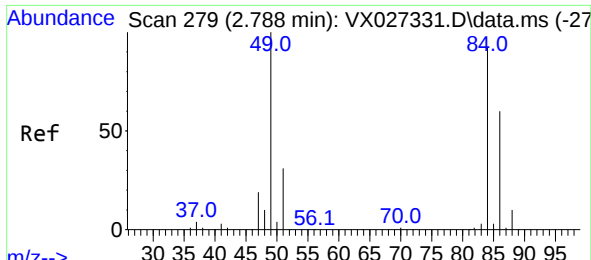
Tgt Ion: 43 Resp: 5241

Ion Ratio Lower Upper

43 100

58 37.2 28.8 43.2

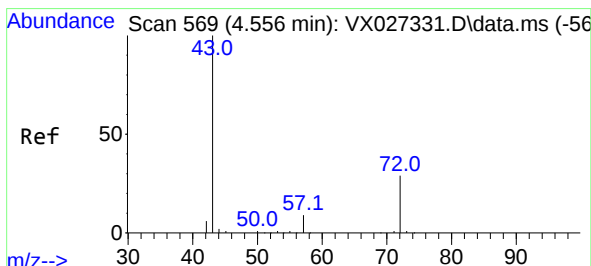
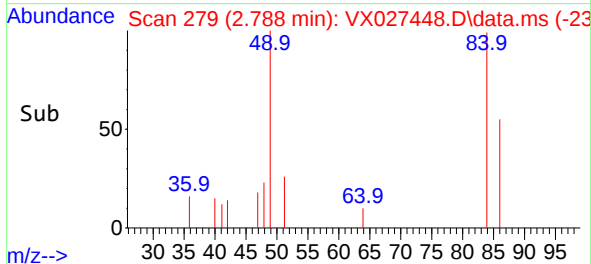
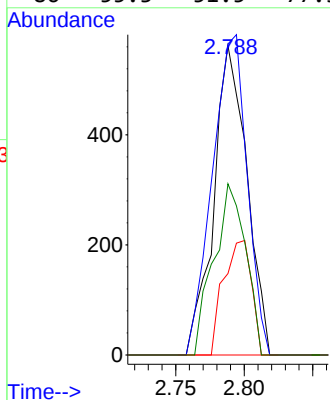
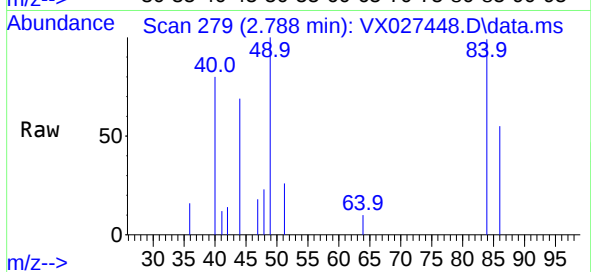




#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

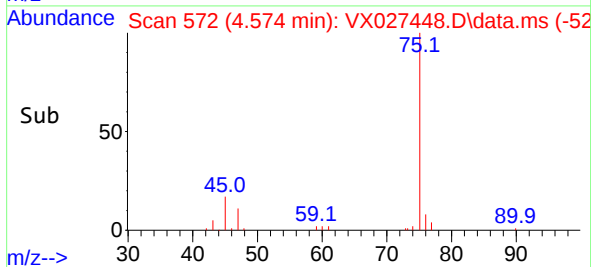
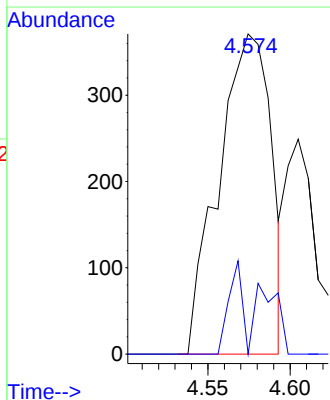
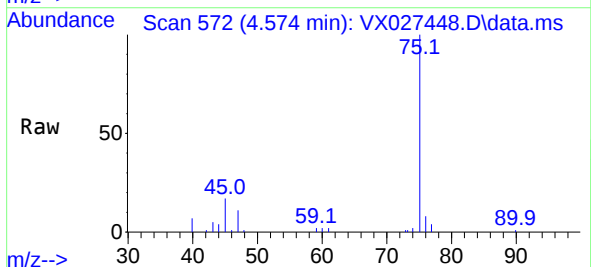
Instrument :
MSVOA_X
ClientSampleId :
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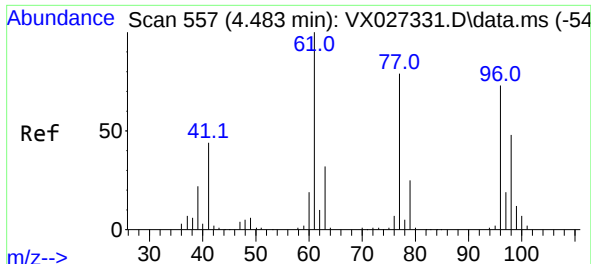
Tgt Ion: 84	Resp: 948
Ion Ratio	Lower Upper
84 100	
49 100.5	85.5 128.3
51 26.3	26.6 39.8#
86 55.3	51.5 77.3



#25
2-Butanone
Concen: 0.313 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion: 43	Resp: 823		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	24.4	36.6#	





#26

2,2-Dichloropropane

Concen: 0.248 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.085 min

Lab File: VX027448.D

Acq: 15 Mar 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

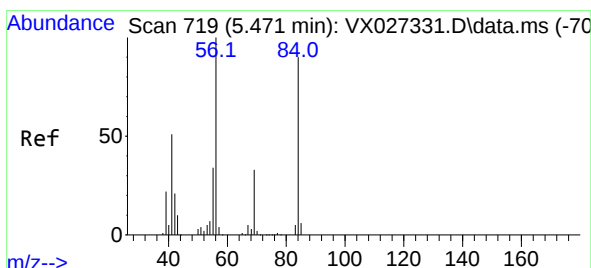
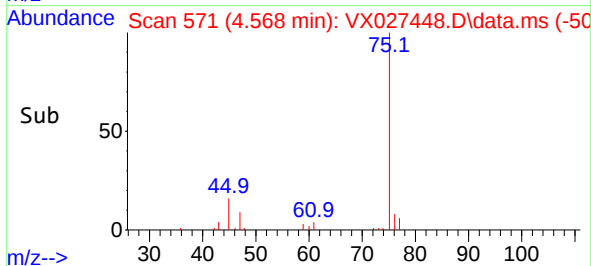
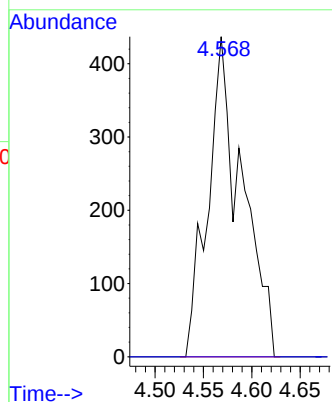
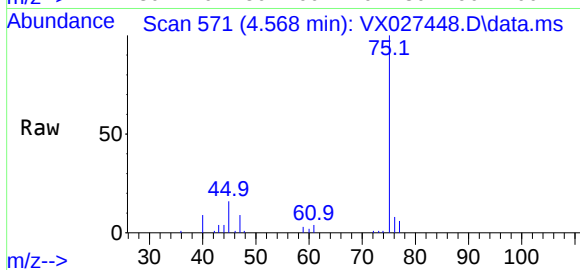
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Tgt Ion: 77 Resp: 1074

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#31

Cyclohexane

Concen: 1.159 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX027448.D

Acq: 15 Mar 2022 15:34

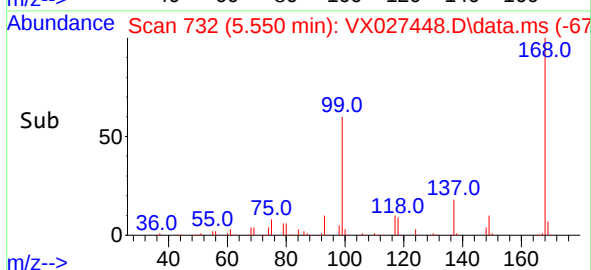
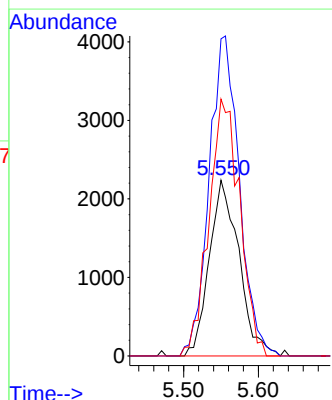
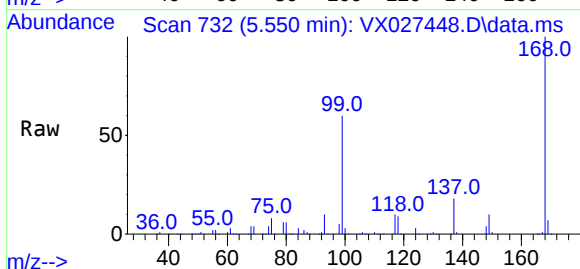
Tgt Ion: 56 Resp: 6184

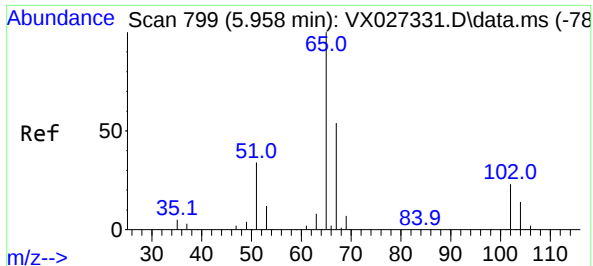
Ion Ratio Lower Upper

56 100

69 180.5 26.7 40.1#

84 146.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.734 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027448.D

Acq: 15 Mar 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

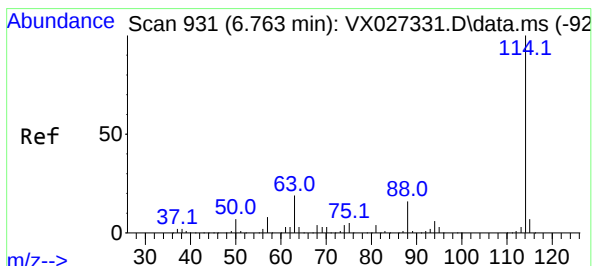
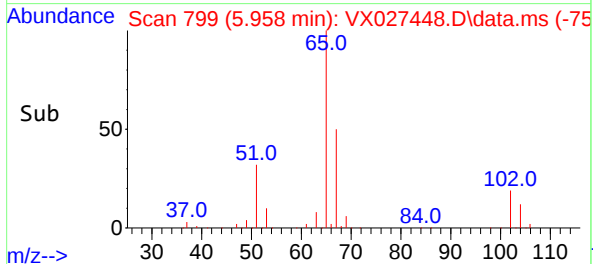
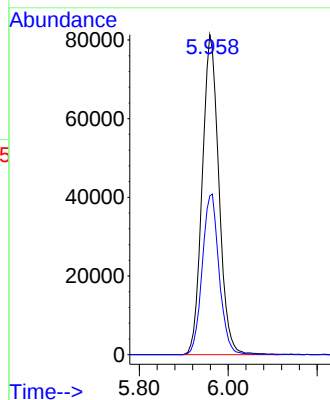
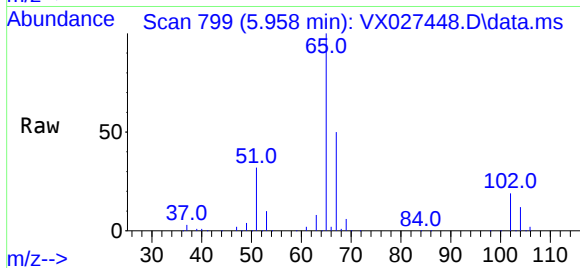
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Tgt Ion: 65 Resp: 212659

Ion Ratio Lower Upper

65 100

67 50.7 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: VX027448.D

Acq: 15 Mar 2022 15:34

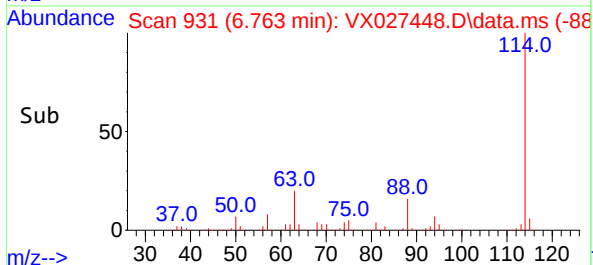
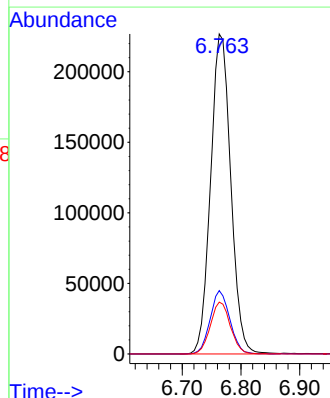
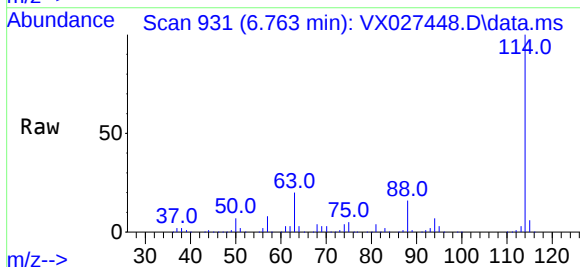
Tgt Ion: 114 Resp: 540171

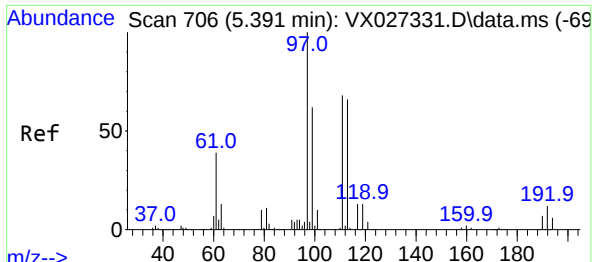
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 16.2 0.0 32.4

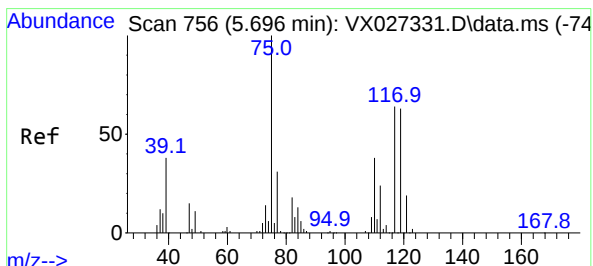
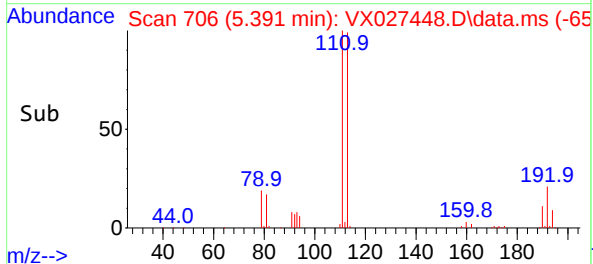
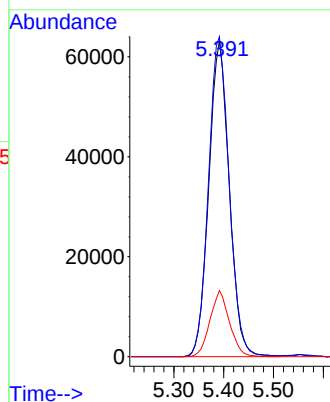
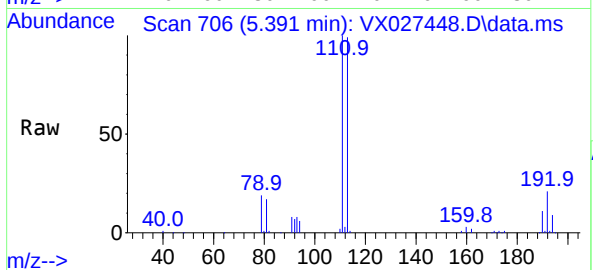




#35
Dibromofluoromethane
Concen: 51.688 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

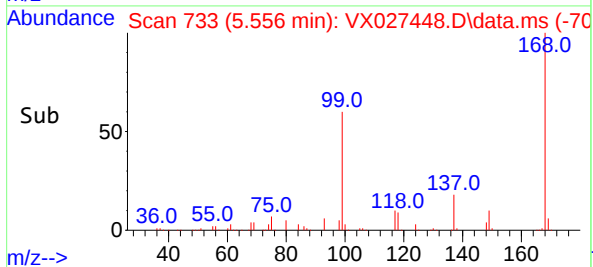
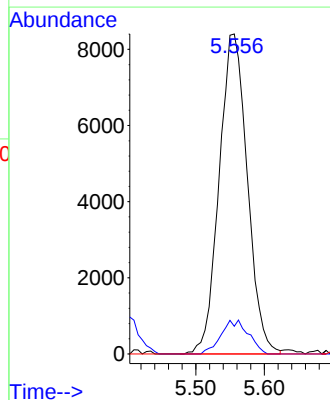
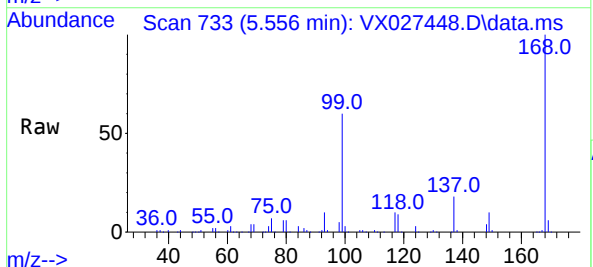
Instrument :
MSVOA_X
ClientSampleId :
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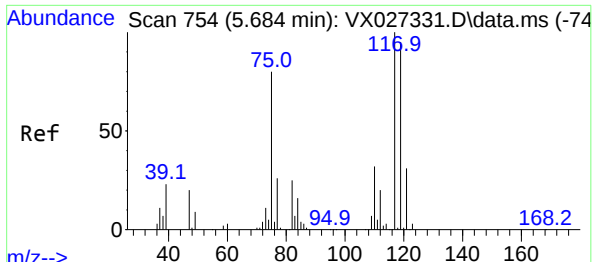
Tgt Ion:113 Resp: 180160
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

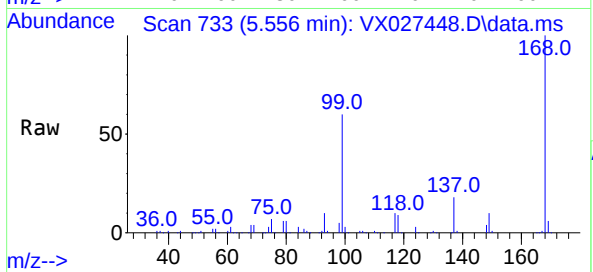
Tgt Ion: 75 Resp: 24004
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



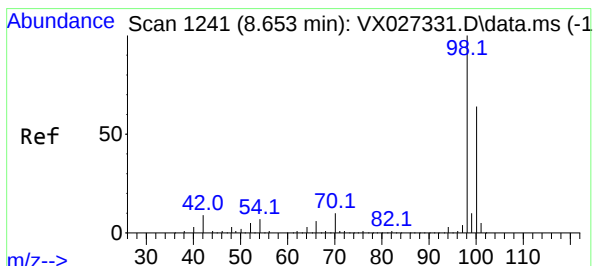
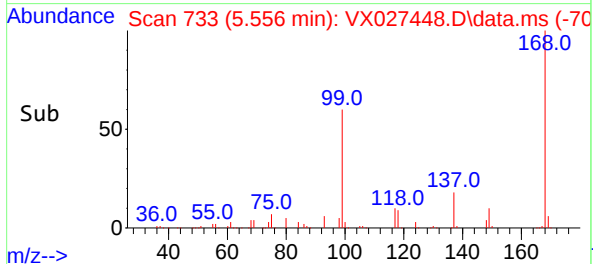
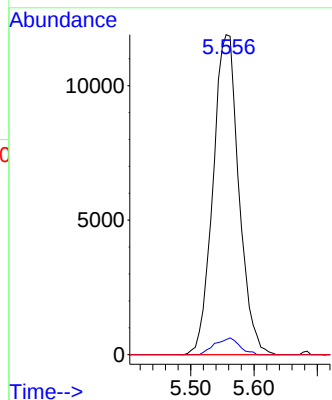


#38
Carbon Tetrachloride
Concen: 6.730 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
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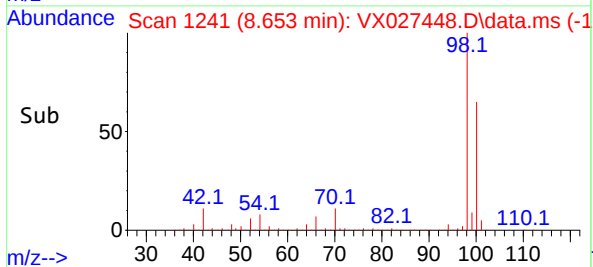
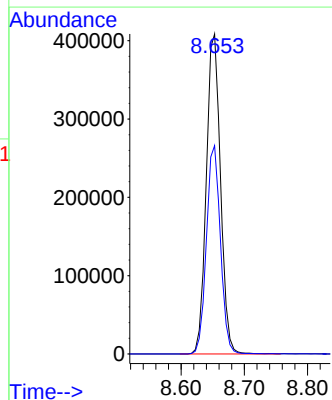
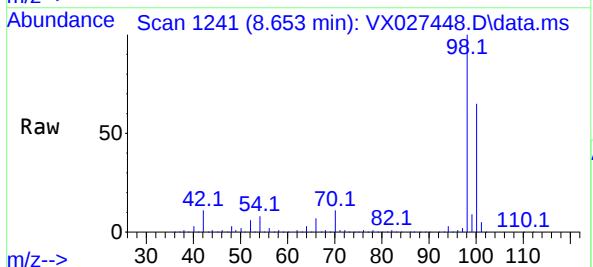


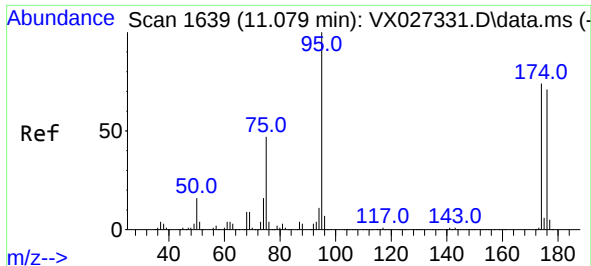
Tgt Ion:117 Resp: 33679
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.575 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion: 98 Resp: 639193
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

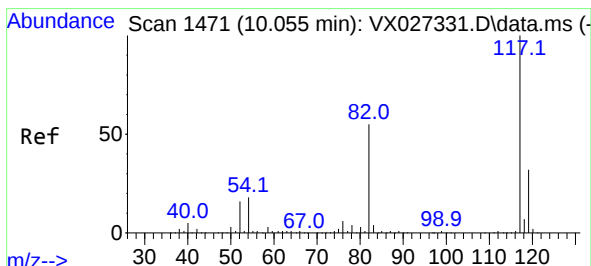
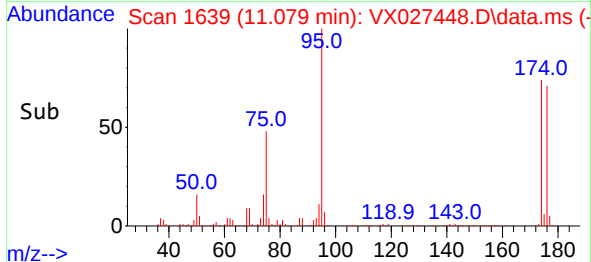
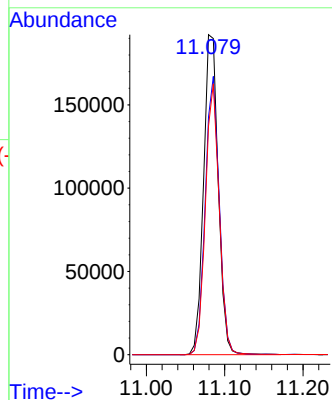
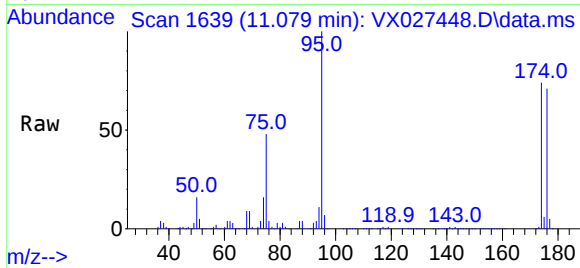




#62
4-Bromofluorobenzene
Concen: 49.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

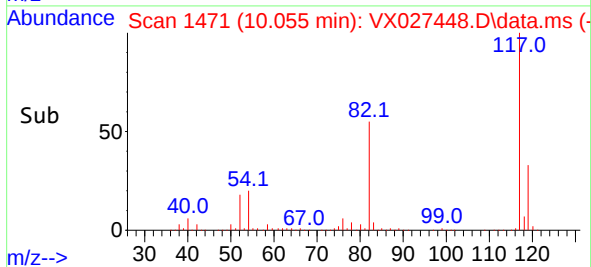
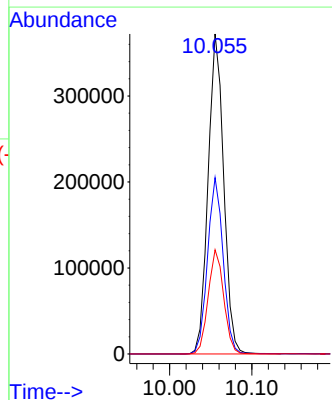
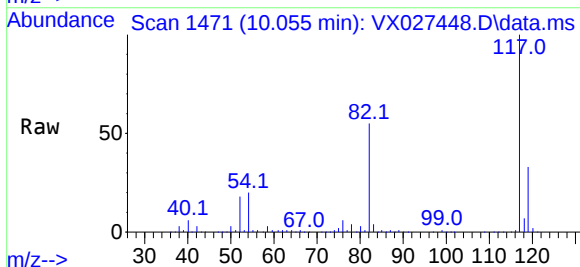
Instrument :
MSVOA_X
ClientSampleId :
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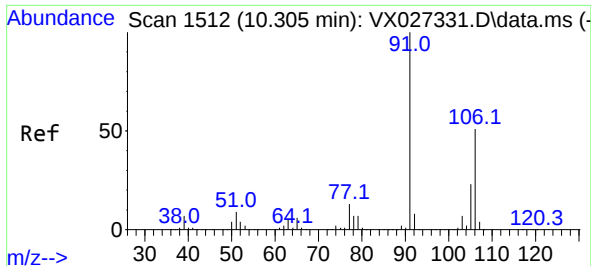
Tgt Ion: 95 Resp: 250490
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 79.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion: 117 Resp: 490731
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.6 24.8 37.2

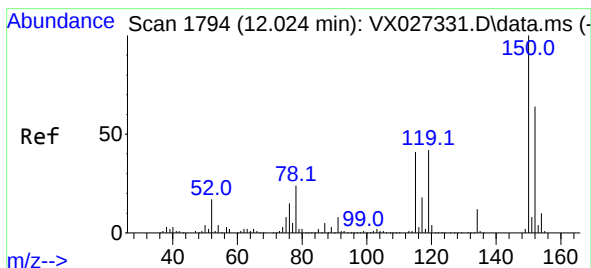
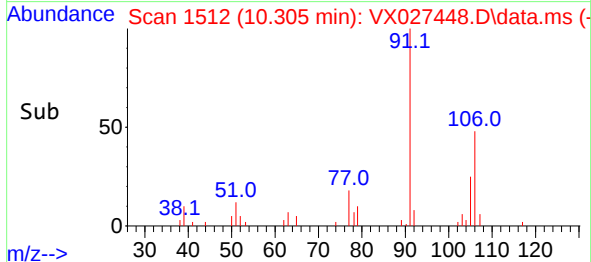
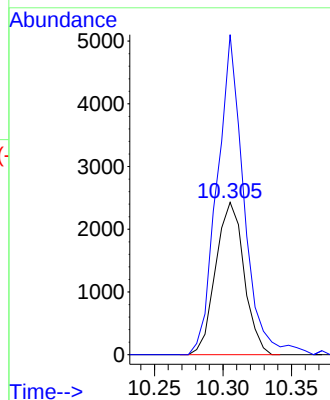
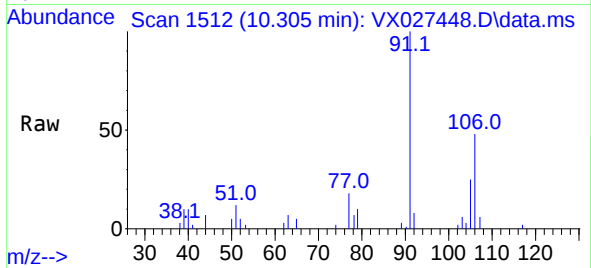




#68
m/p-Xylenes
Concen: 0.501 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

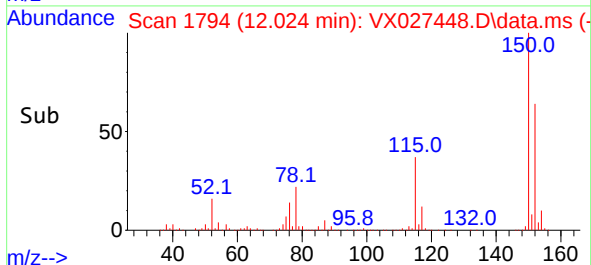
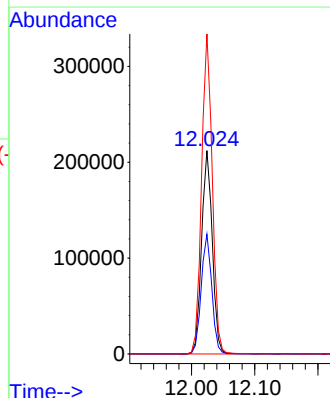
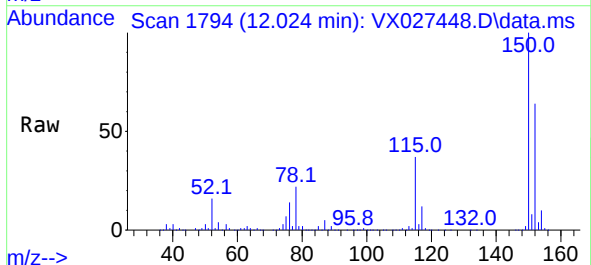
Instrument :
MSVOA_X
ClientSampleId :
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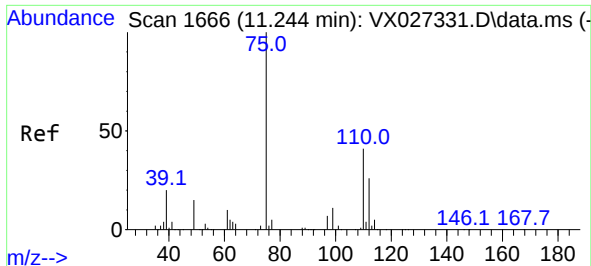
Tgt Ion:106 Resp: 3498
Ion Ratio Lower Upper
106 100
91 199.0 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion:152 Resp: 250305
Ion Ratio Lower Upper
152 100
115 58.2 37.5 112.7
150 156.7 0.0 338.2

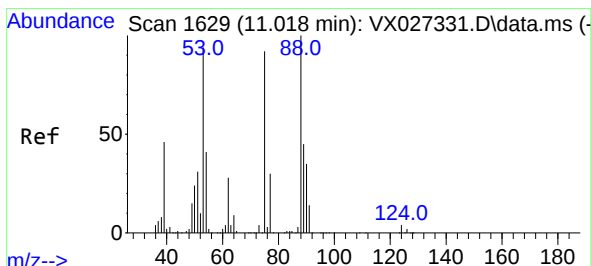
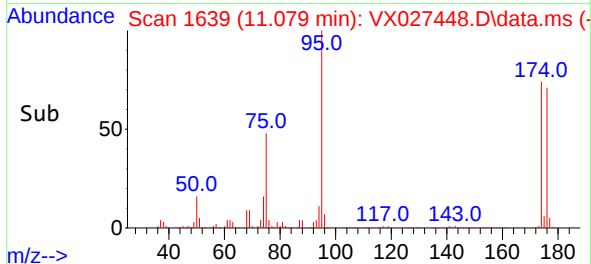
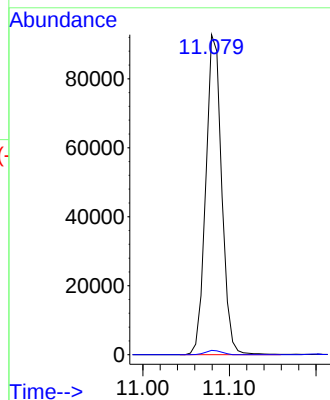
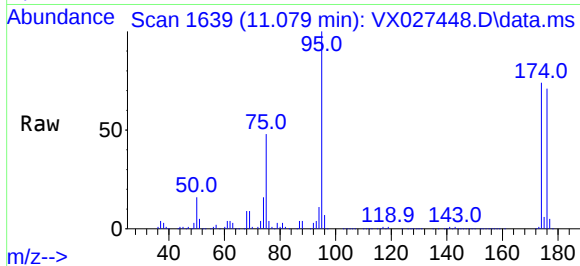




#76
1,2,3-Trichloropropane
Concen: 21.494 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.165 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 118041
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027448.D
Acq: 15 Mar 2022 15:34

Tgt Ion: 75 Resp: 118041
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

