

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027449.D
 Acq On : 15 Mar 2022 15:57
 Operator : JC/MD
 Sample : N1949-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 16 04:18:44 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)

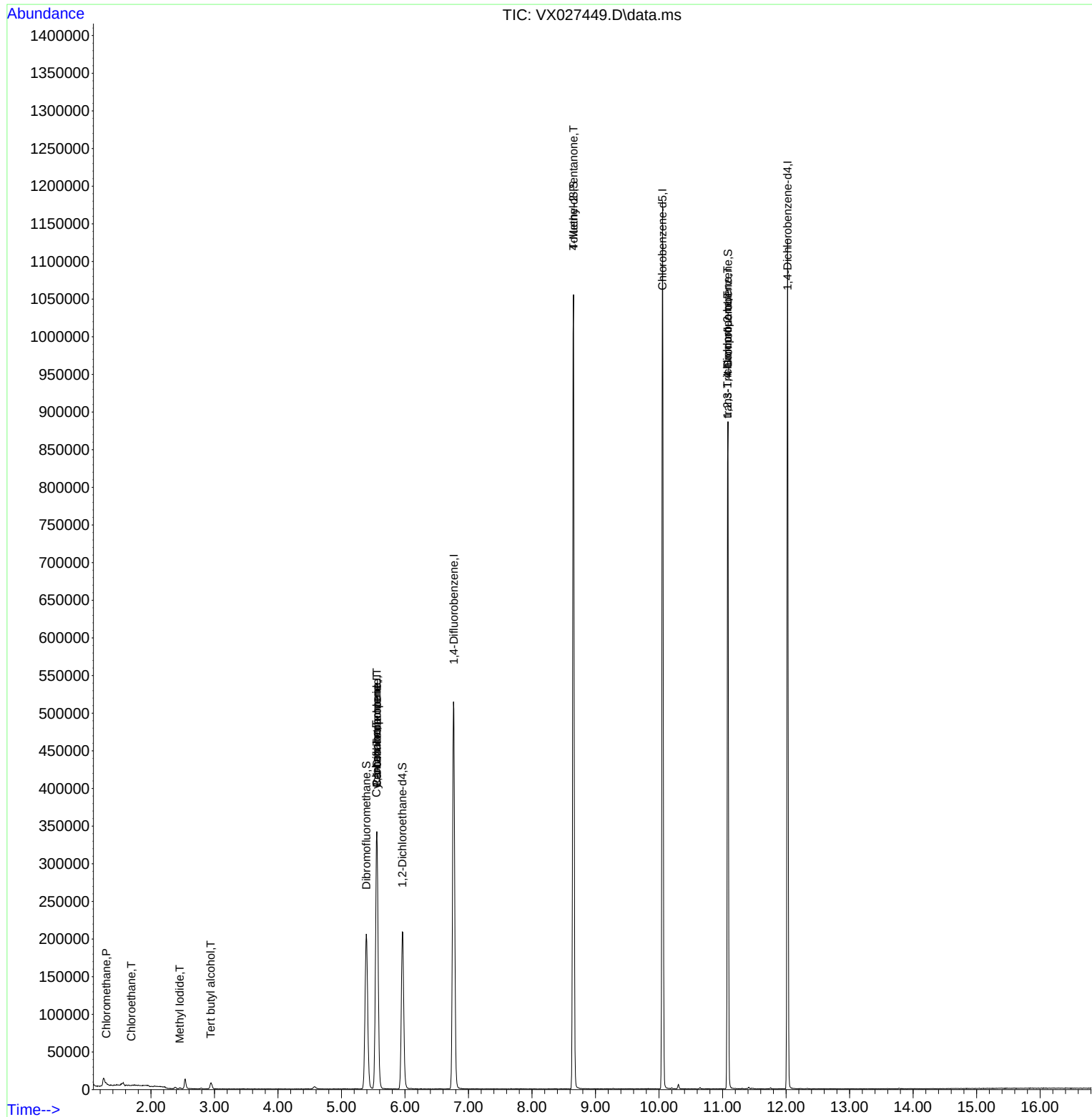
Internal Standards						
1) Pentafluorobenzene	5.556	168	329469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	541254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213056	55.453	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.900%	
35) Dibromofluoromethane	5.391	113	181391	51.937	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.880%	
50) Toluene-d8	8.653	98	643044	48.770	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	11.085	95	236964	47.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	729	0.205	ug/l #	74
5) Bromomethane	1.611	94	682	Below Cal		93
6) Chloroethane	1.691	64	543	0.684	ug/l #	43
10) Methyl Iodide	2.453	142	1413	0.301	ug/l #	96
11) Tert butyl alcohol	2.940	59	4791	6.361	ug/l #	74
16) Acetone	2.380	43	2082	Below Cal		90
31) Cyclohexane	5.550	56	6333	1.178	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	24619	5.077	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33746	6.730	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2616	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	119726	23.432	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	119726	75.781	ug/l #	15

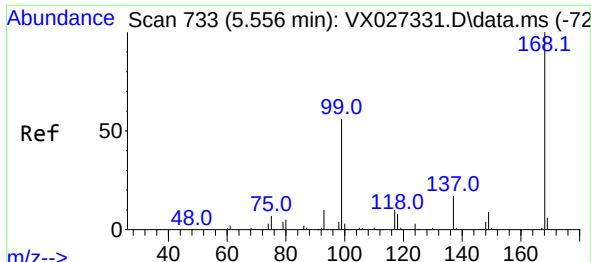
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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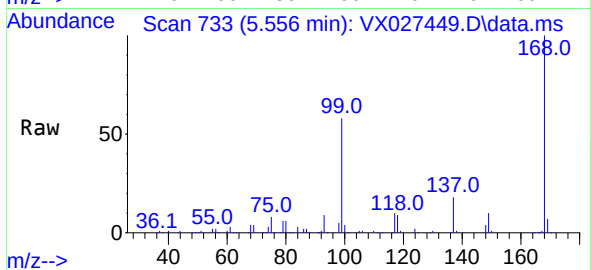
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



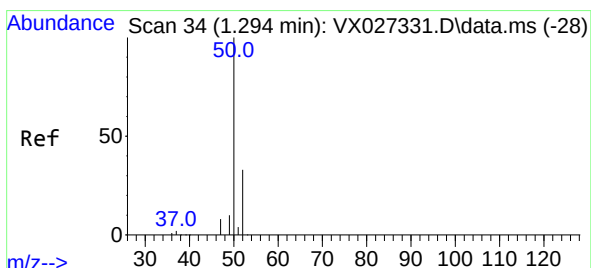
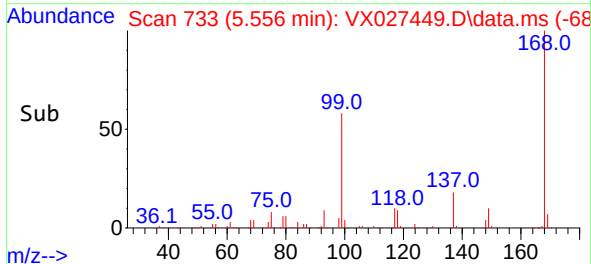
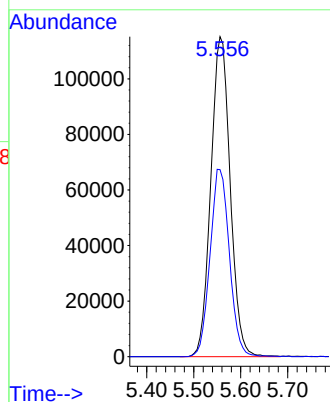


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

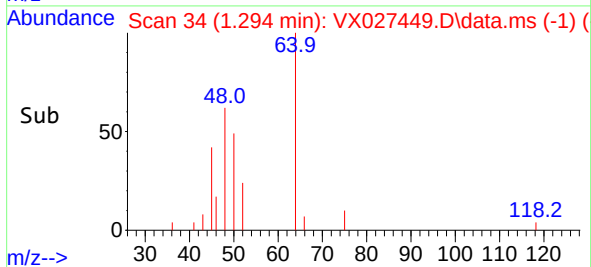
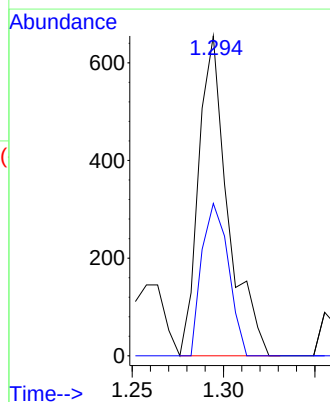
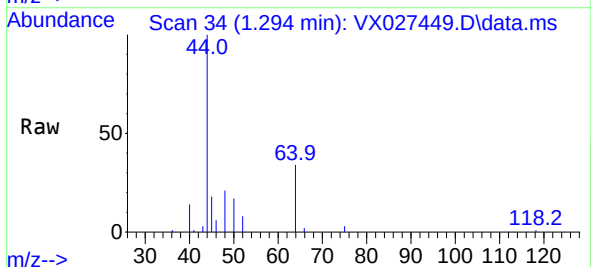


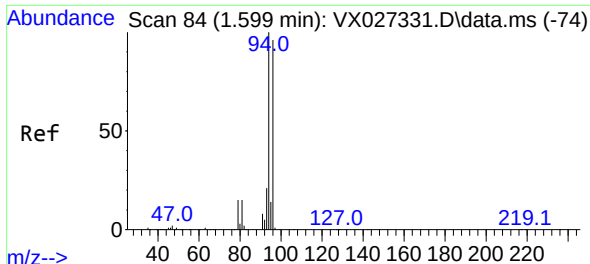
Tgt Ion:168 Resp: 329469
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 47.6 26.4 39.6#

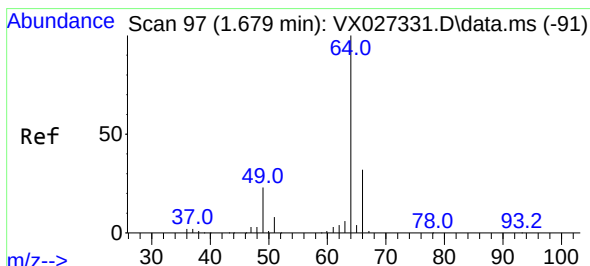
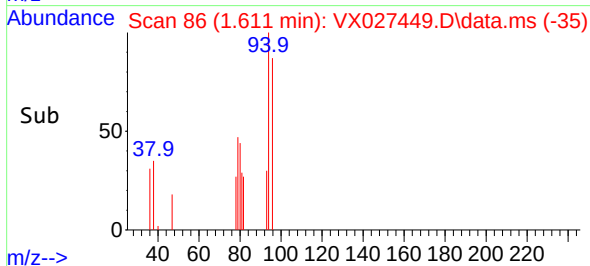
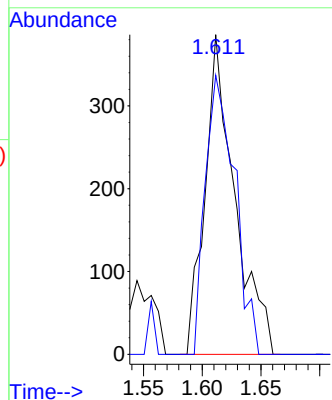
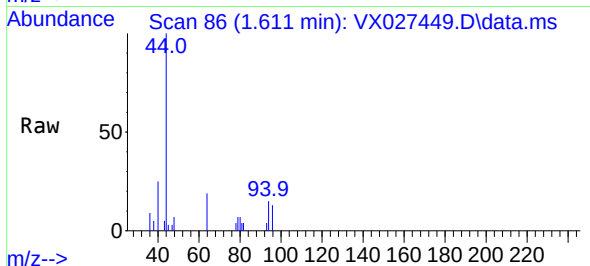




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

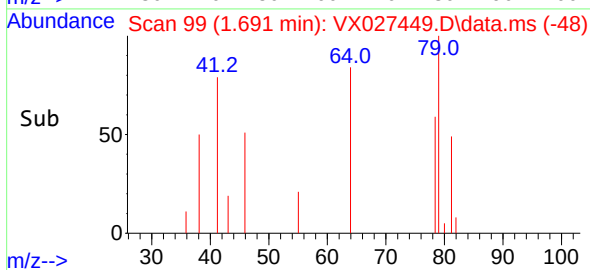
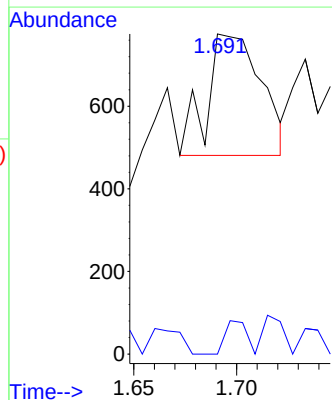
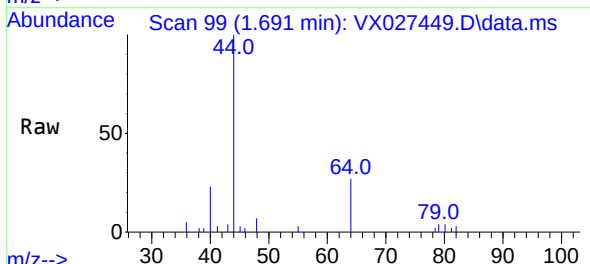
Instrument :
MSVOA_X
ClientSampleId :
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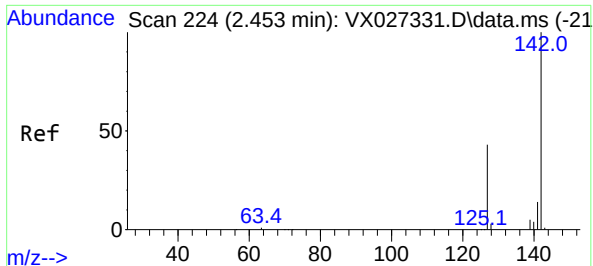
Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 87.3 75.3 112.9



#6
Chloroethane
Concen: 0.684 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion: 64 Resp: 543
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

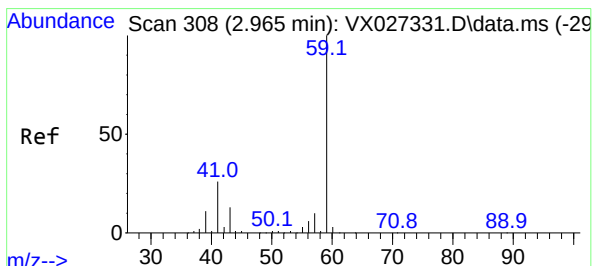
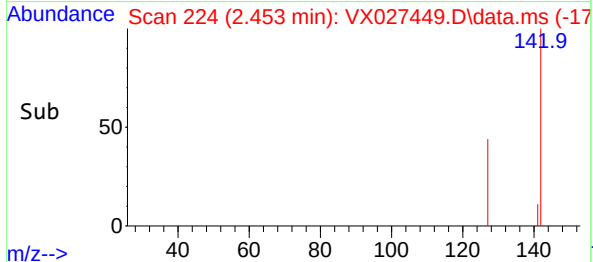
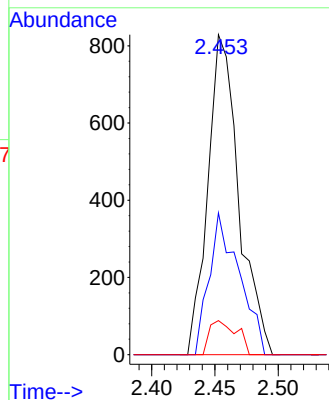
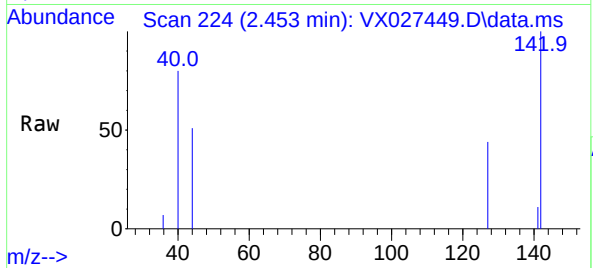




#10
Methyl Iodide
Concen: 0.301 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

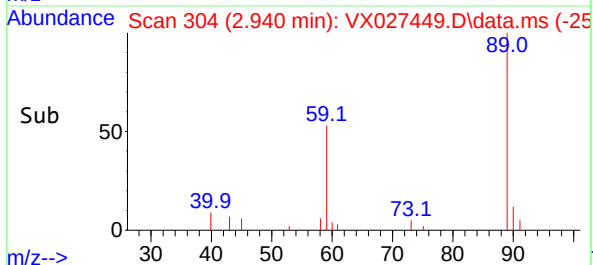
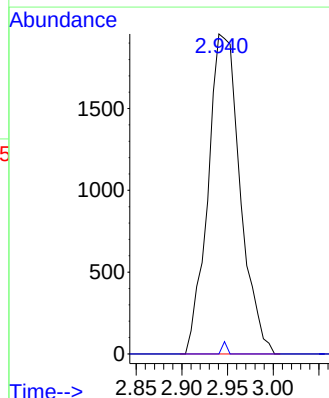
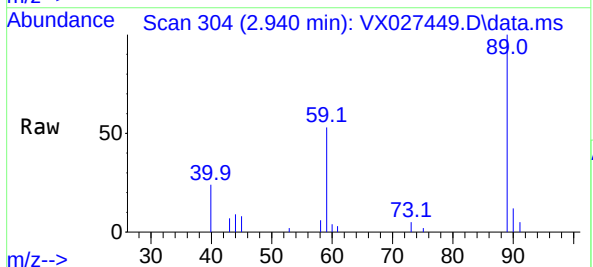
Instrument :
MSVOA_X
ClientSampleId :
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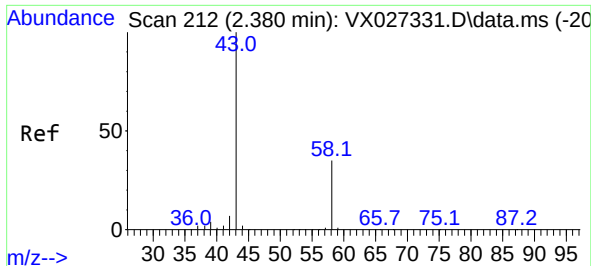
Tgt Ion:	142	Resp:	1413
Ion	Ratio	Lower	Upper
142	100		
127	43.0	33.9	50.9
141	9.3	11.4	17.2#



#11
Tert butyl alcohol
Concen: 6.361 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion:	59	Resp:	4791
Ion	Ratio	Lower	Upper
59	100		
57	0.6	8.3	12.5#

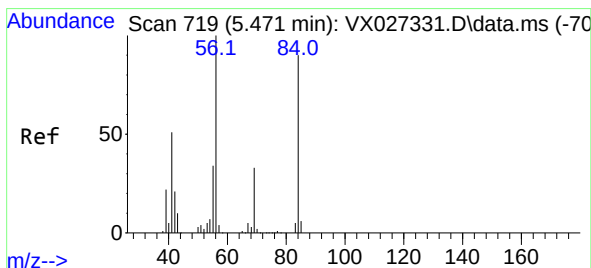
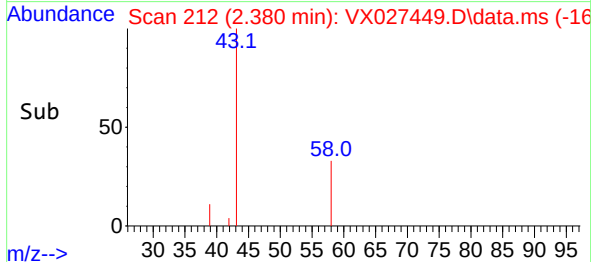
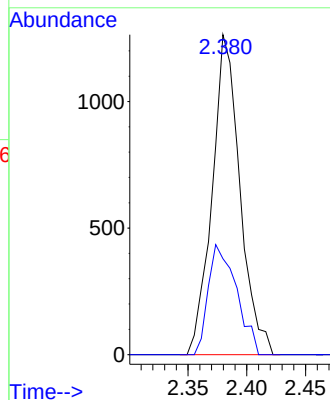
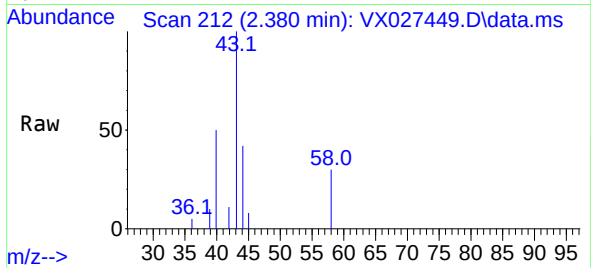




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

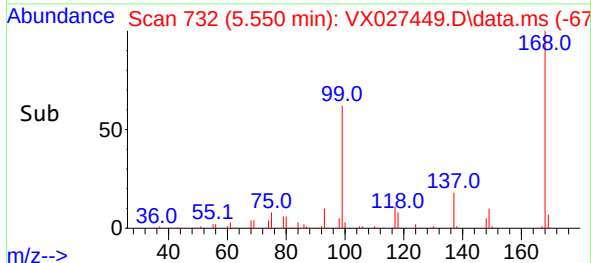
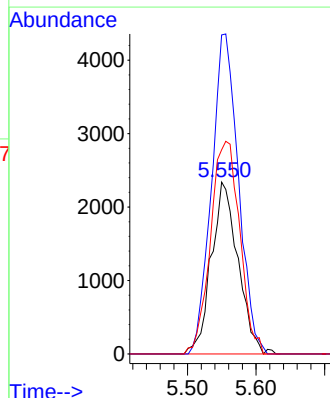
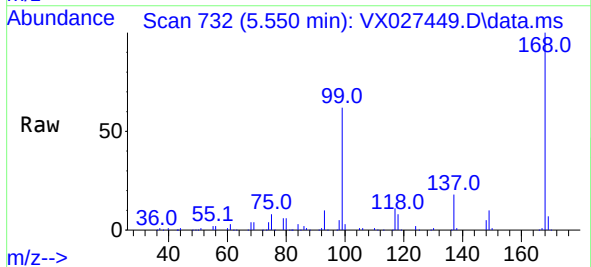
Instrument :
MSVOA_X
ClientSampleId :
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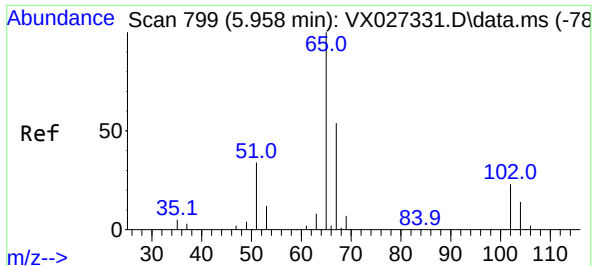
Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 30.0 28.8 43.2



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion: 56 Resp: 6333
Ion Ratio Lower Upper
56 100
69 185.7 26.7 40.1#
84 118.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.453 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027449.D

Acq: 15 Mar 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

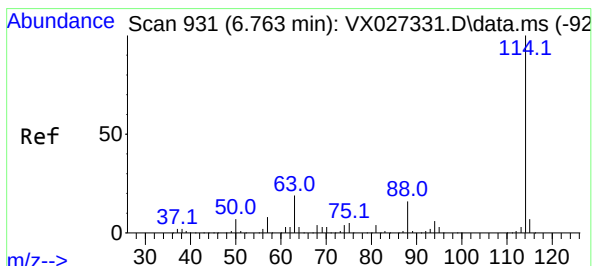
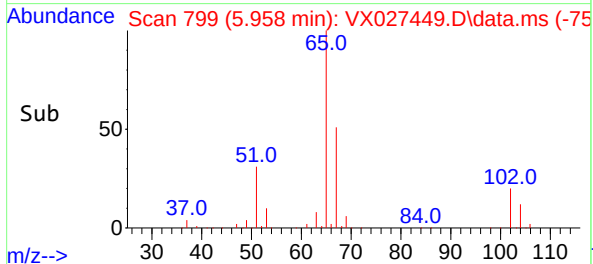
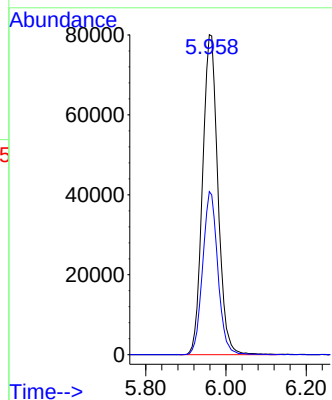
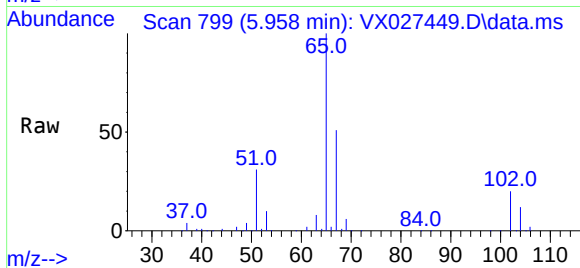
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Tgt Ion: 65 Resp: 213056

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027449.D

Acq: 15 Mar 2022 15:57

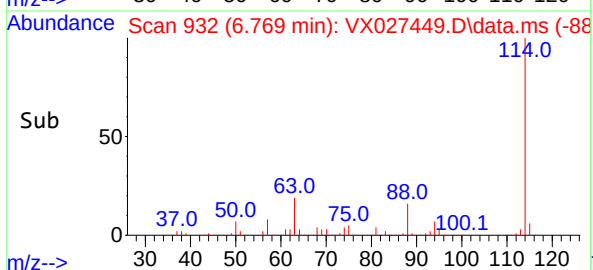
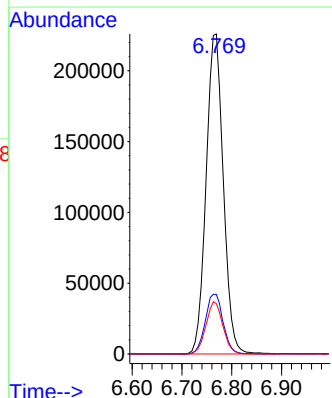
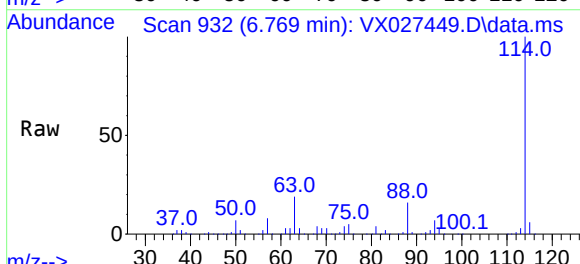
Tgt Ion: 114 Resp: 541254

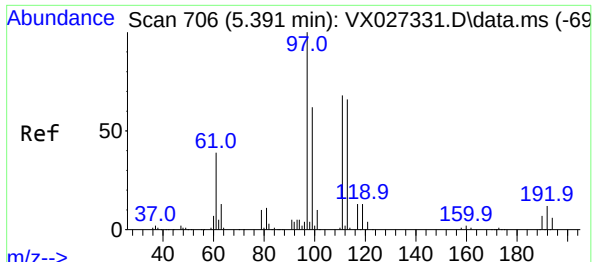
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 15.7 0.0 32.4

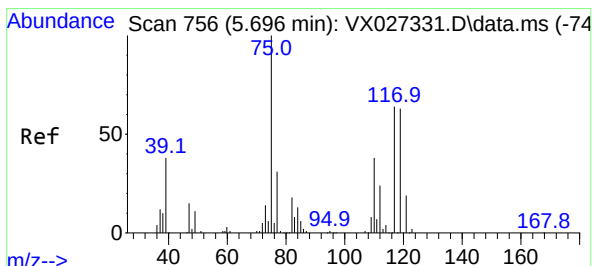
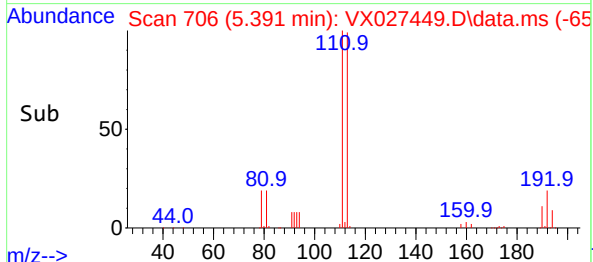
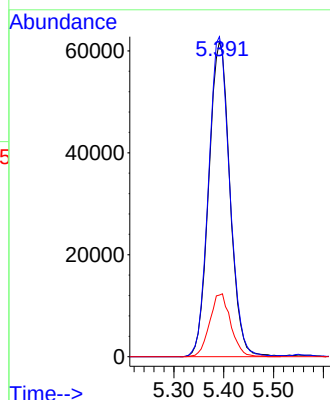
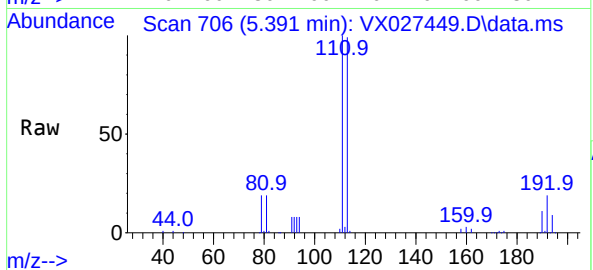




#35
Dibromofluoromethane
Concen: 51.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

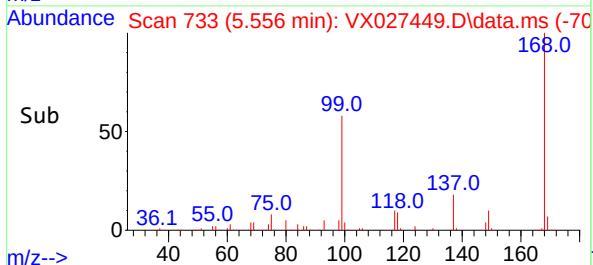
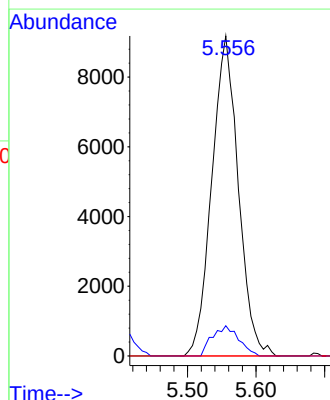
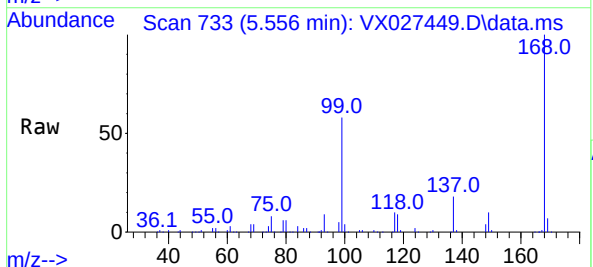
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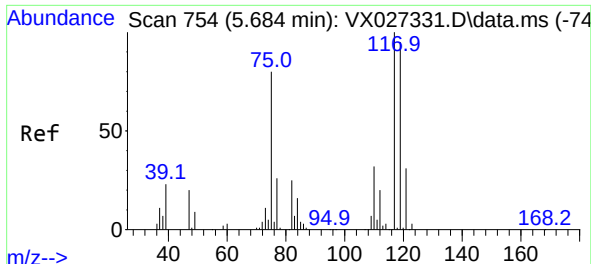
Tgt Ion:113 Resp: 181391
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion: 75 Resp: 24619
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#

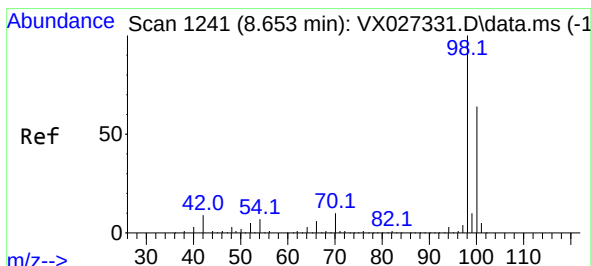
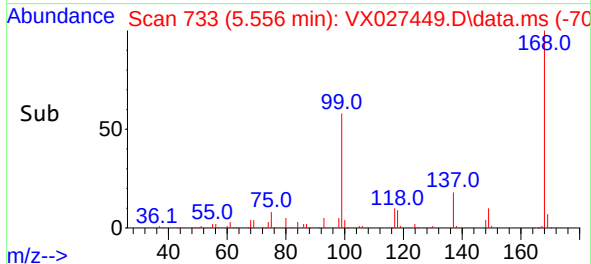
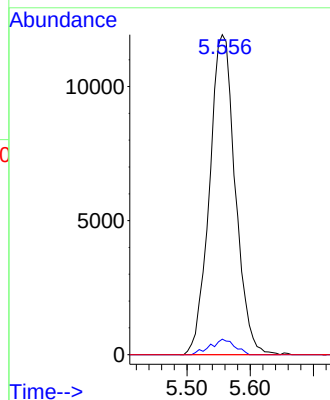
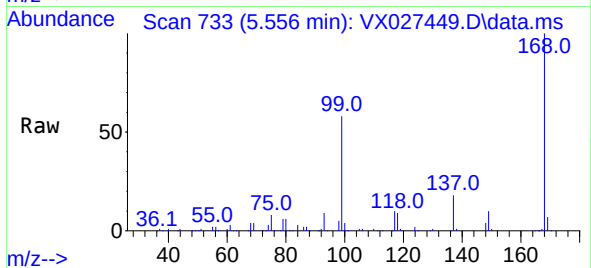




#38
Carbon Tetrachloride
Concen: 6.730 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

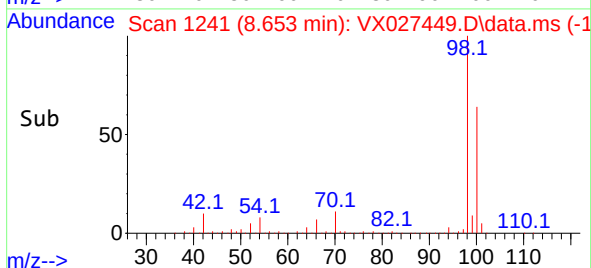
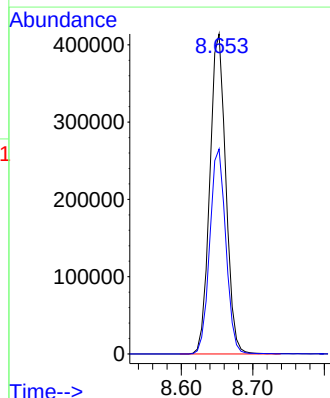
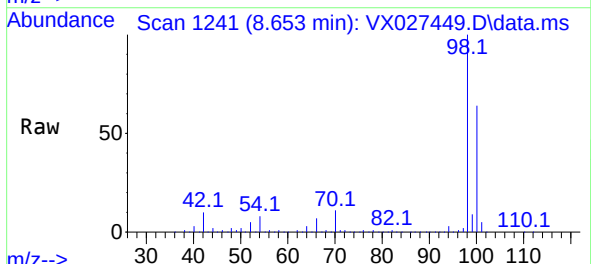
Instrument :
MSVOA_X
ClientSampleId :
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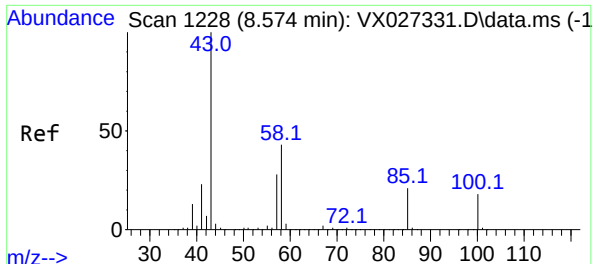
Tgt Ion:117 Resp: 33746
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion: 98 Resp: 643044
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.507 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.079 min

Lab File: VX027449.D

Acq: 15 Mar 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

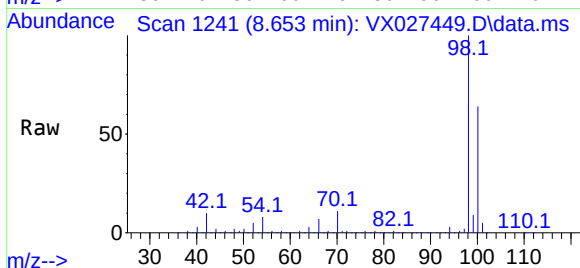
TRIP-BLANK

Tgt Ion: 43 Resp: 2616

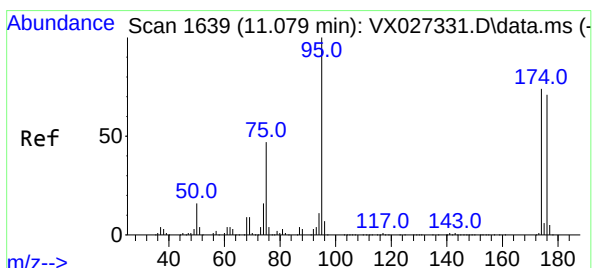
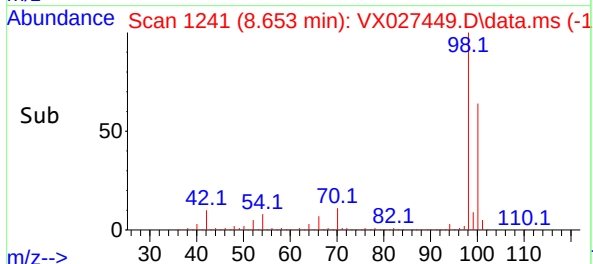
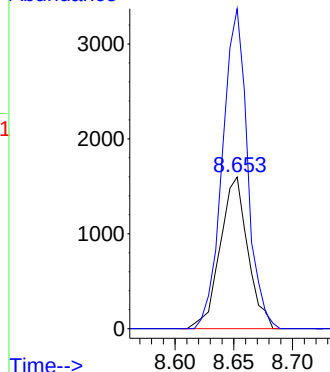
Ion Ratio Lower Upper

43 100

58 191.0 36.1 54.1#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.154 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027449.D

Acq: 15 Mar 2022 15:57

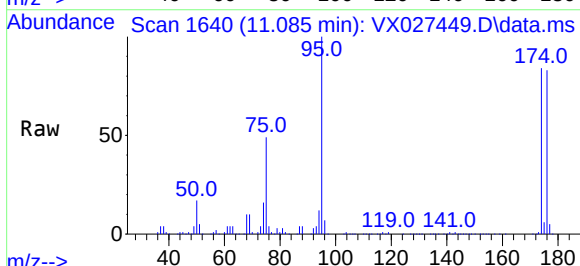
Tgt Ion: 95 Resp: 236964

Ion Ratio Lower Upper

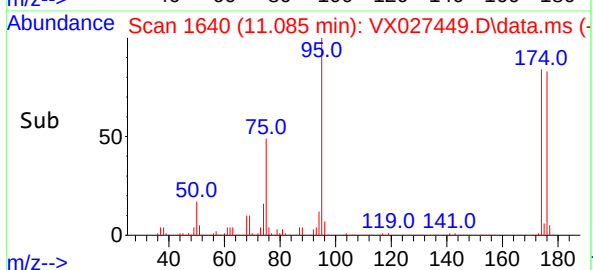
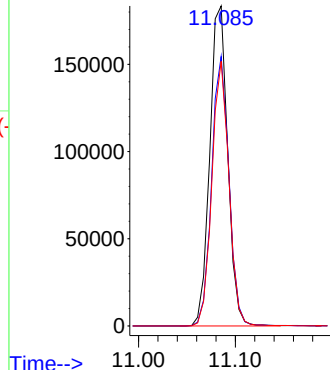
95 100

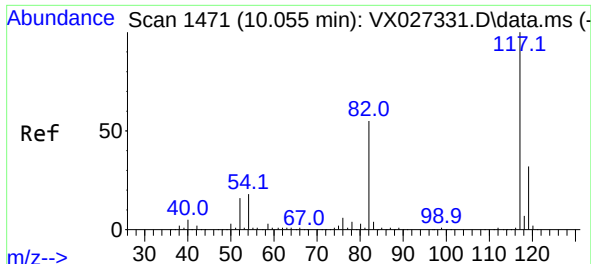
174 81.2 0.0 163.0

176 78.5 0.0 155.0



Abundance

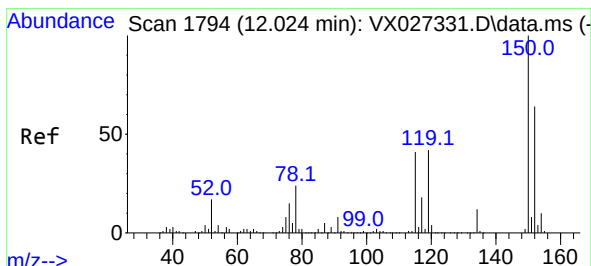
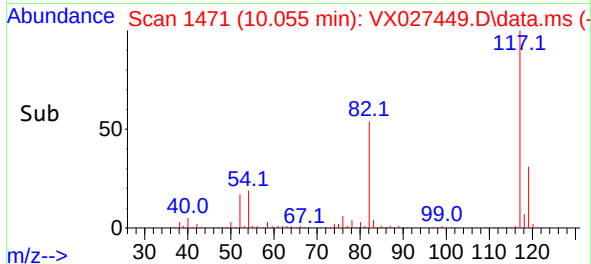
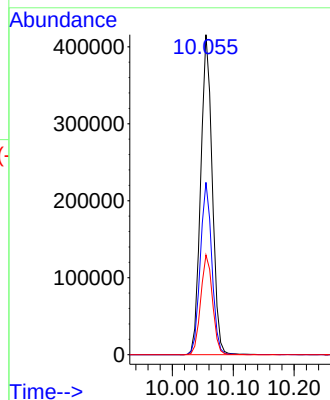
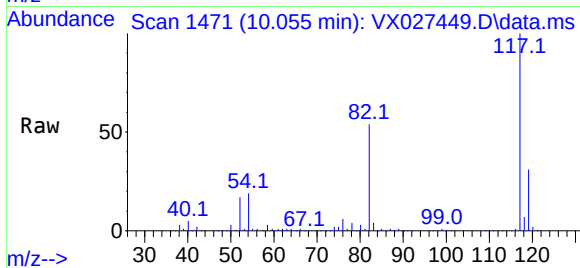




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

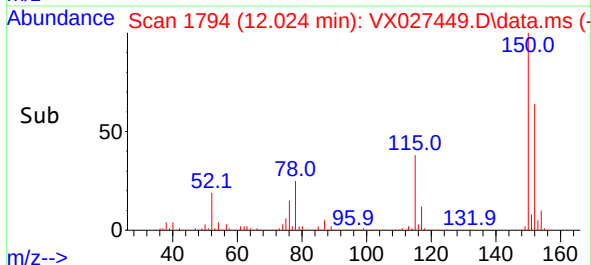
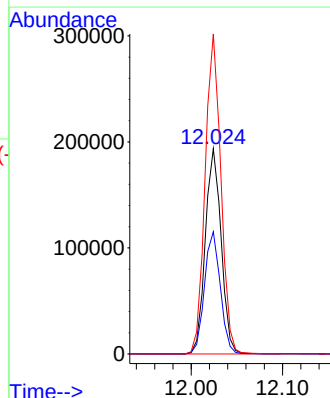
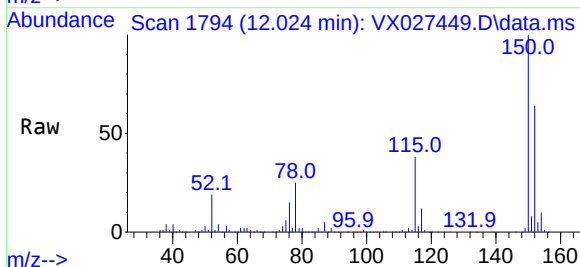
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

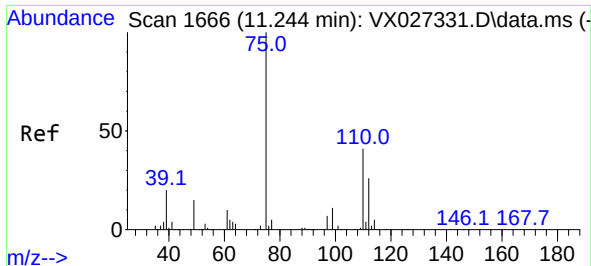
Tgt Ion:117 Resp: 548289
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 31.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion:152 Resp: 232884
Ion Ratio Lower Upper
152 100
115 59.6 37.5 112.7
150 155.0 0.0 338.2

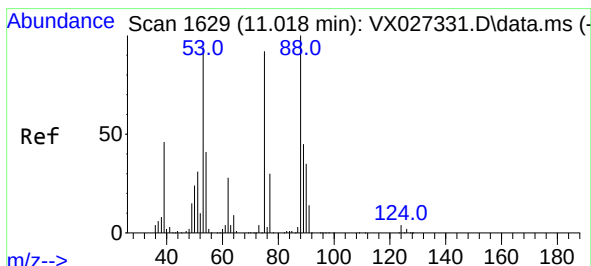
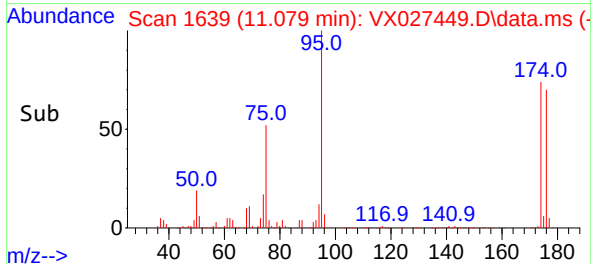
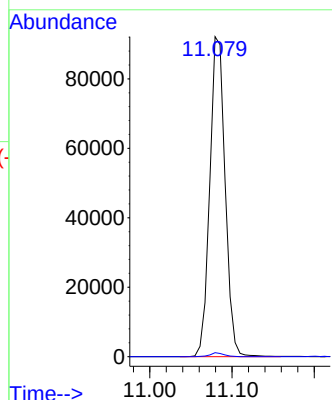
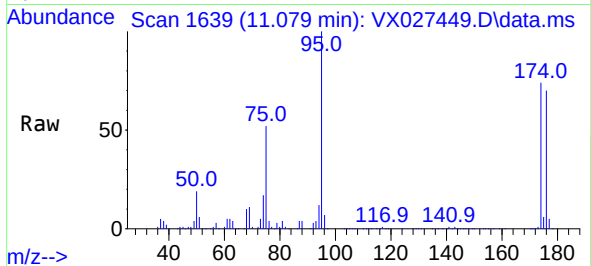




#76
1,2,3-Trichloropropane
Concen: 23.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 119726
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027449.D
Acq: 15 Mar 2022 15:57

Tgt Ion: 75 Resp: 119726
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#

