

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027345.D
 Acq On : 08 Mar 2022 20:43
 Operator : JC/MD
 Sample : N1800-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 00:19:00 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)

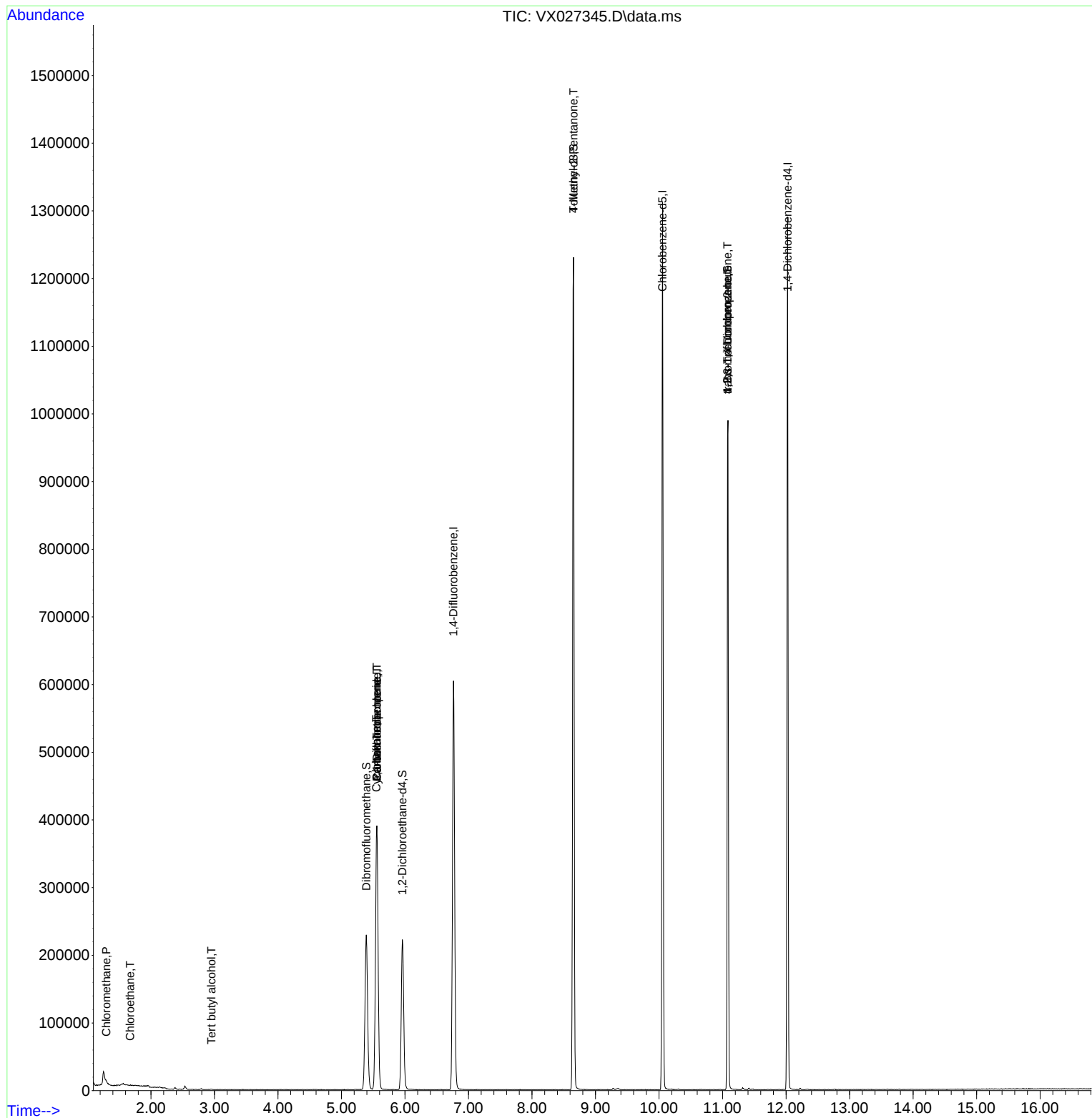
Internal Standards						
1) Pentafluorobenzene	5.556	168	393719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	646590	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	603019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216410	47.134	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.260%
35) Dibromofluoromethane	5.391	113	204435	48.999	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.000%
50) Toluene-d8	8.653	98	775757	49.251	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	280174	46.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1095	0.258	ug/l	97
5) Bromomethane	1.605	94	389	Below Cal	#	31
6) Chloroethane	1.672	64	462	0.619	ug/l #	79
11) Tert butyl alcohol	2.953	59	310	0.344	ug/l #	72
16) Acetone	2.374	43	2511	Below Cal		94
31) Cyclohexane	5.550	56	6481	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	27034	4.667	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38081	6.358	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	2381	0.386	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	129322	21.527	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	129322	69.618	ug/l #	15

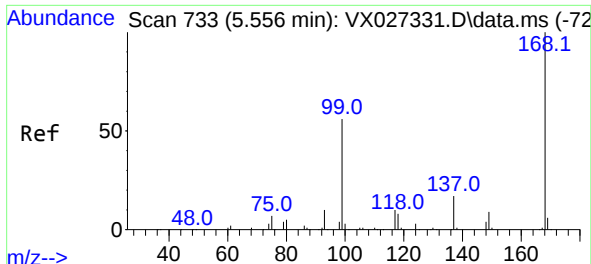
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
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Quant Time: Mar 09 00:19:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

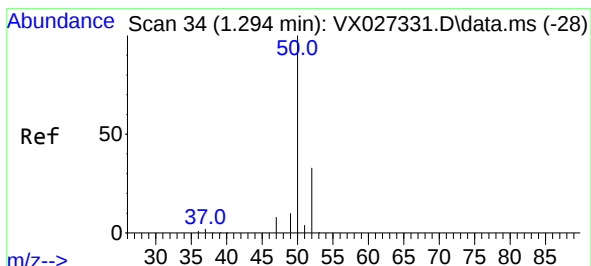
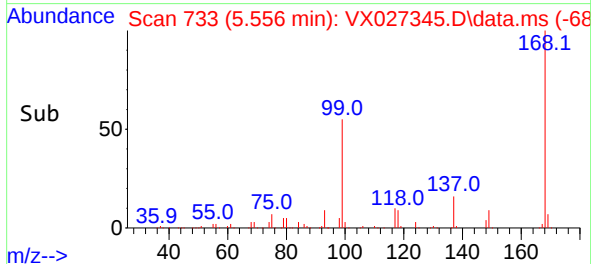
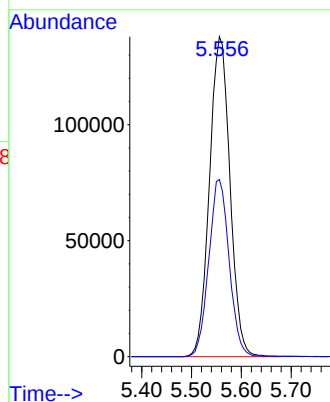
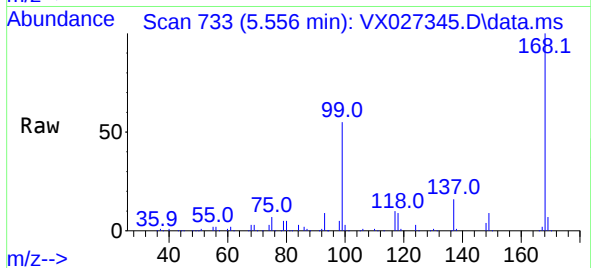




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

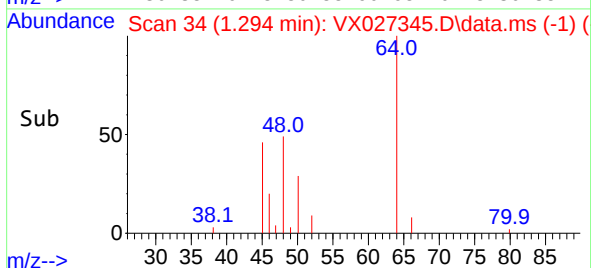
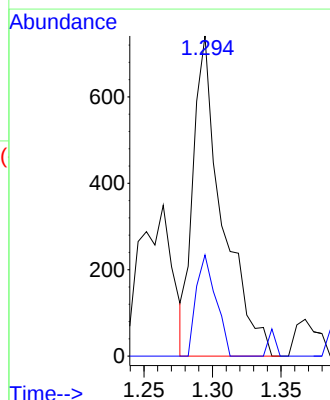
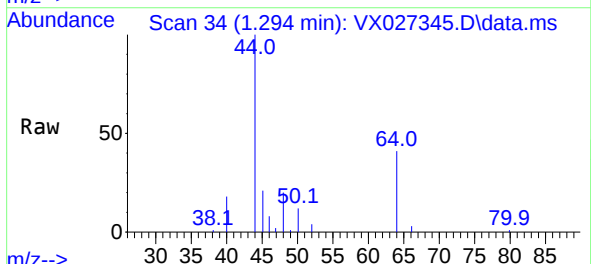
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 393719
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5

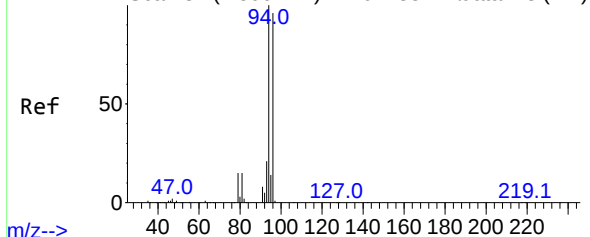


#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

Tgt Ion: 50 Resp: 1095
Ion Ratio Lower Upper
50 100
52 31.6 26.4 39.6



Abundance Scan 84 (1.599 min): VX027331.D\data.ms (-74)



#5

Bromomethane

Concen: Below Cal

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX027345.D

Acq: 08 Mar 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

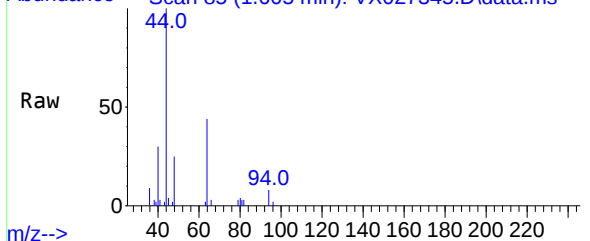
Tgt Ion: 94 Resp: 389

Ion Ratio Lower Upper

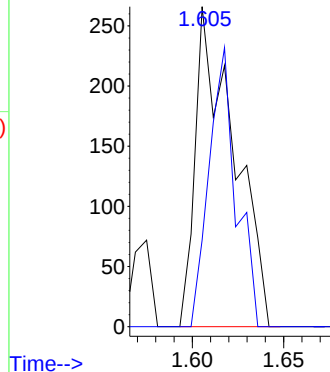
94 100

96 27.1 75.3 112.9#

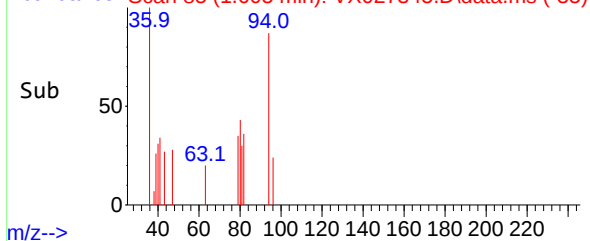
Abundance Scan 85 (1.605 min): VX027345.D\data.ms



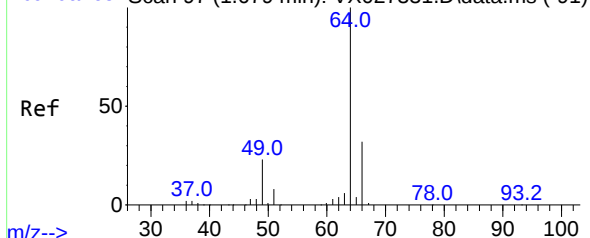
Abundance



Abundance Scan 85 (1.605 min): VX027345.D\data.ms (-35)



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



#6

Chloroethane

Concen: 0.619 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.007 min

Lab File: VX027345.D

Acq: 08 Mar 2022 20:43

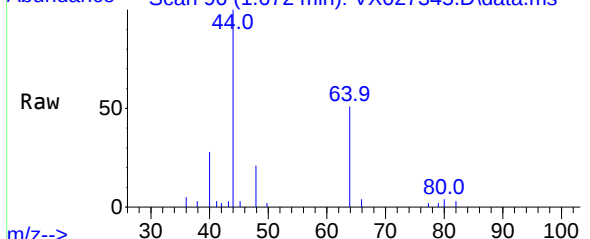
Tgt Ion: 64 Resp: 462

Ion Ratio Lower Upper

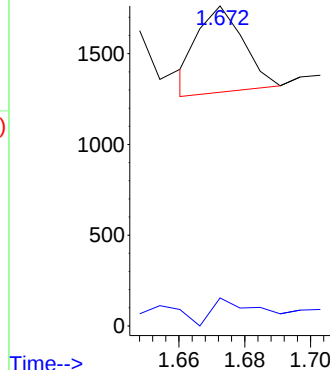
64 100

66 19.8 25.3 37.9#

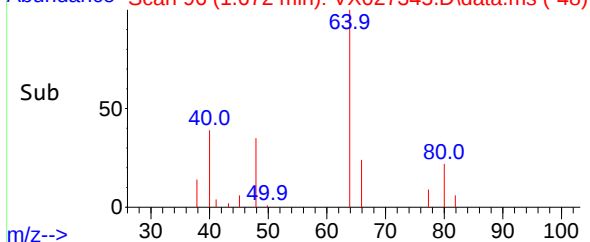
Abundance Scan 96 (1.672 min): VX027345.D\data.ms

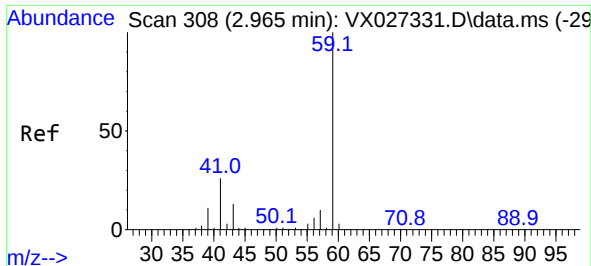


Abundance



Abundance Scan 96 (1.672 min): VX027345.D\data.ms (-48)

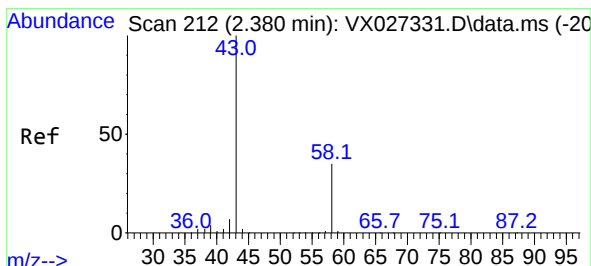
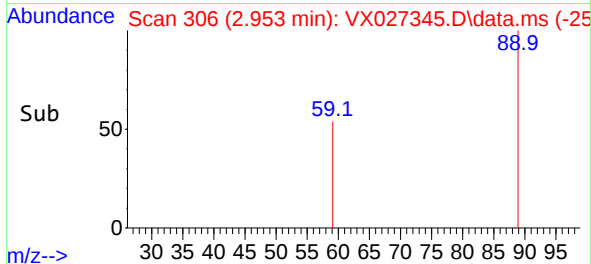
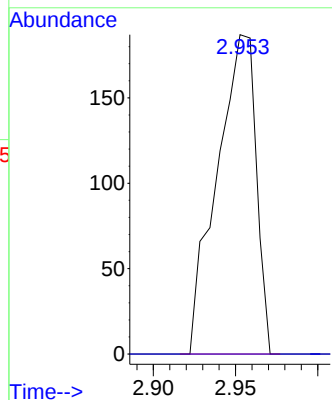
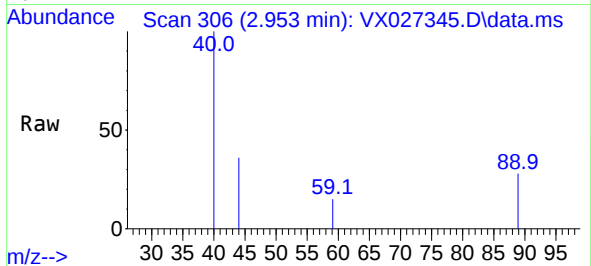




#11
Tert butyl alcohol
Concen: 0.344 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

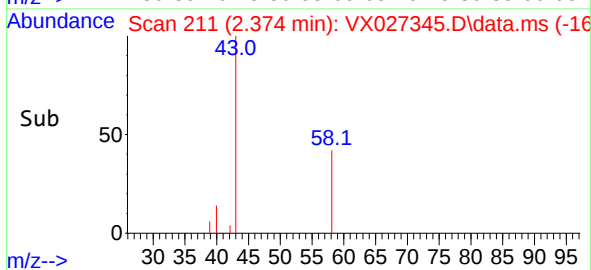
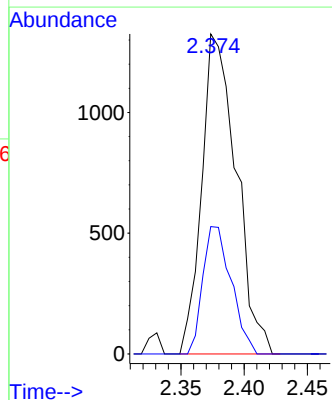
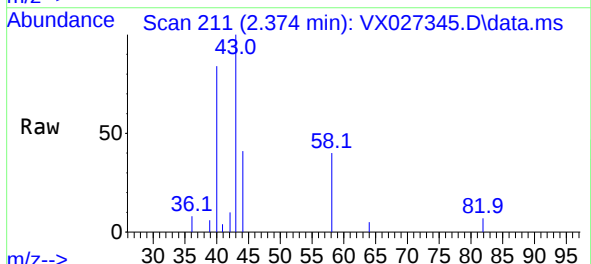
Instrument :
MSVOA_X
ClientSampleId :

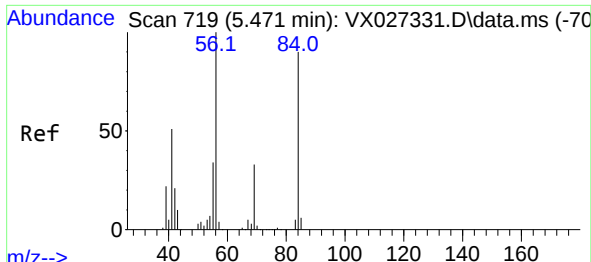
Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

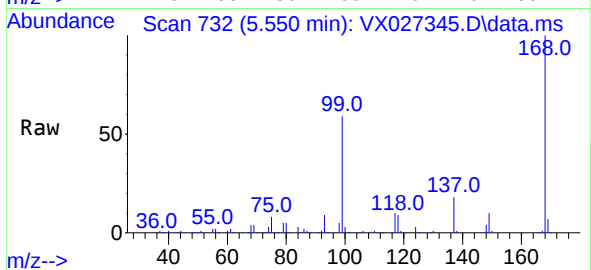
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 39.8 28.8 43.2



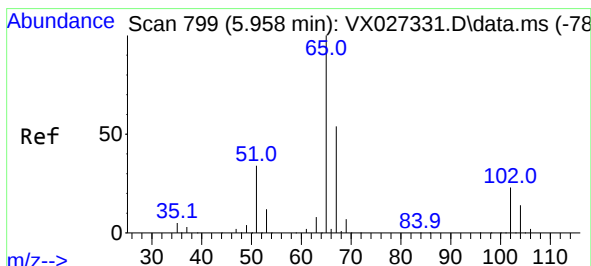
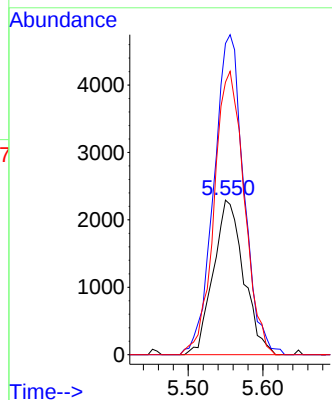
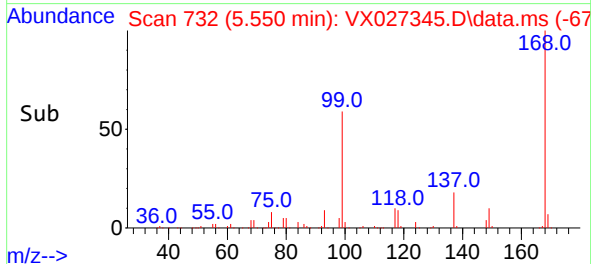


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

Instrument :
MSVOA_X
ClientSampleId :

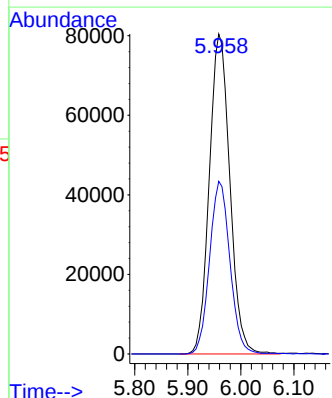
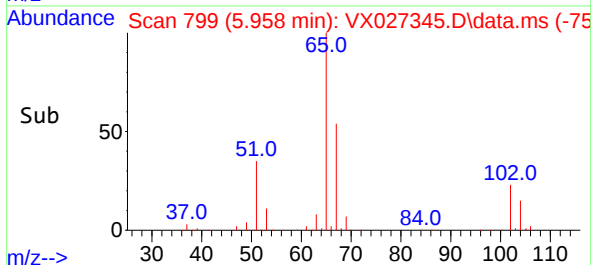
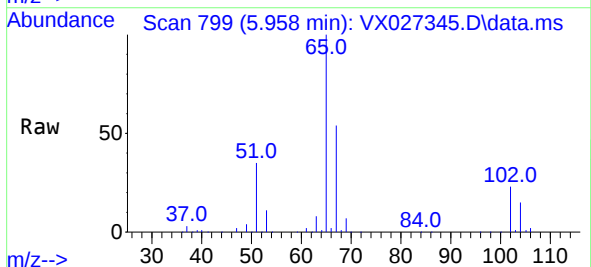


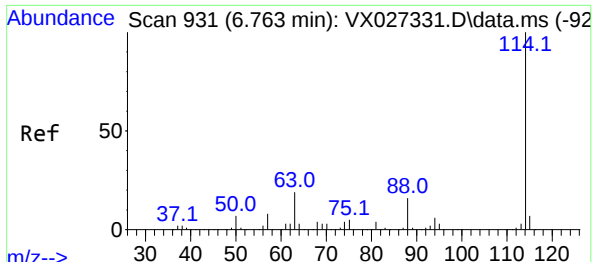
Tgt Ion: 56 Resp: 6481
Ion Ratio Lower Upper
56 100
69 201.2 26.7 40.1#
84 176.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.134 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

Tgt Ion: 65 Resp: 216410
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027345.D

Acq: 08 Mar 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

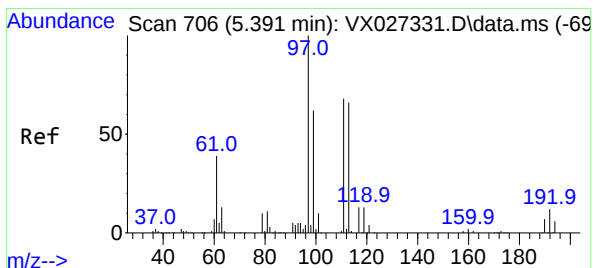
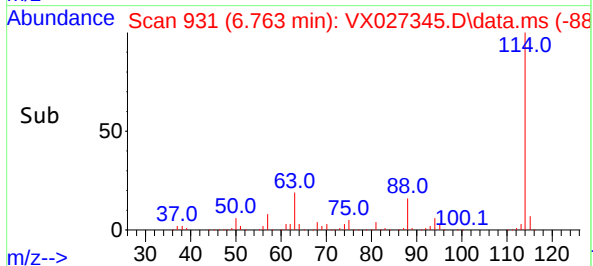
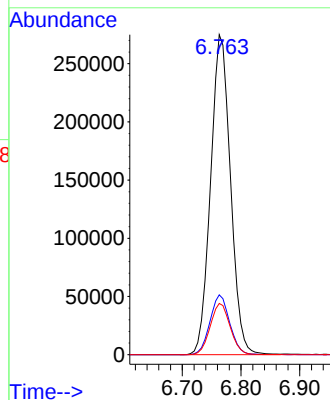
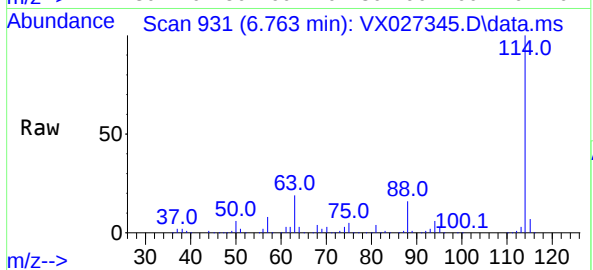
Tgt Ion:114 Resp: 646590

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 48.999 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027345.D

Acq: 08 Mar 2022 20:43

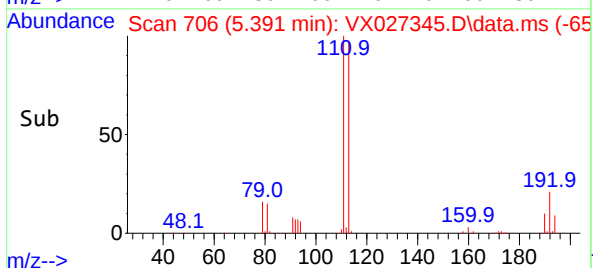
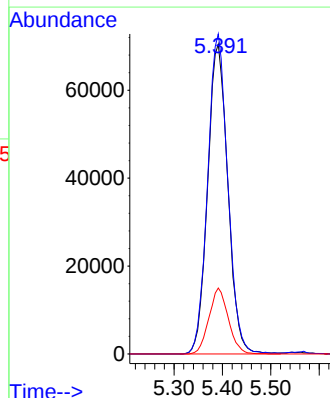
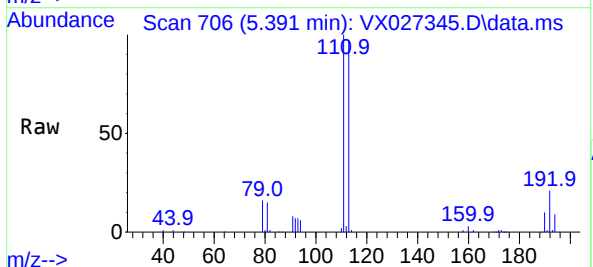
Tgt Ion:113 Resp: 204435

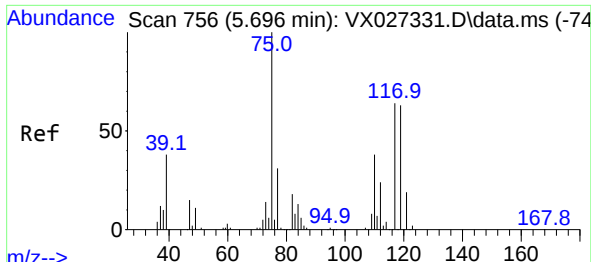
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

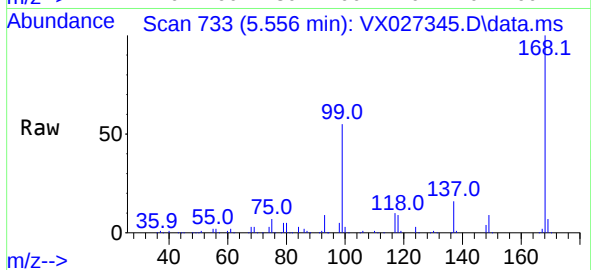
192 20.4 16.9 25.3



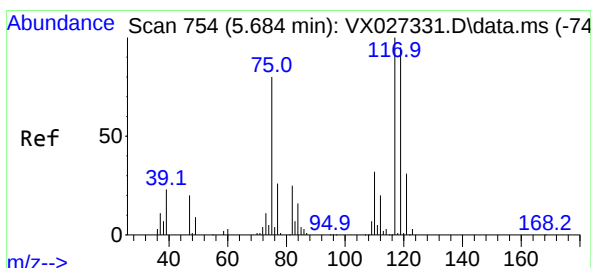
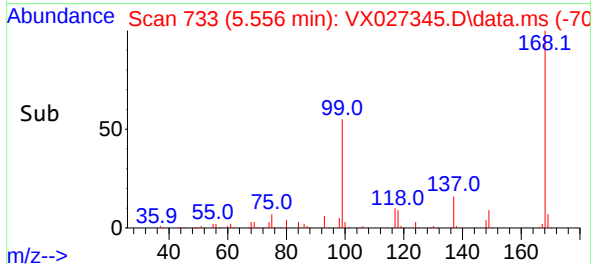
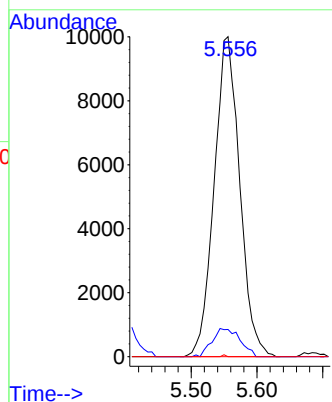


#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

Instrument :
MSVOA_X
ClientSampleId :

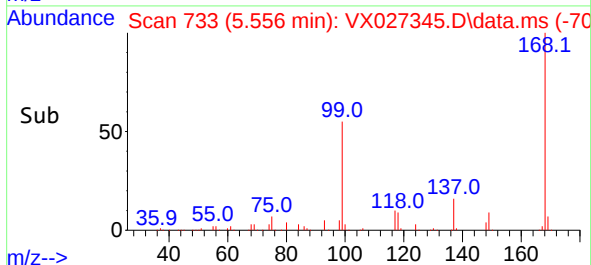
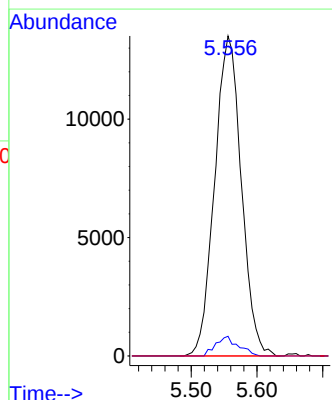
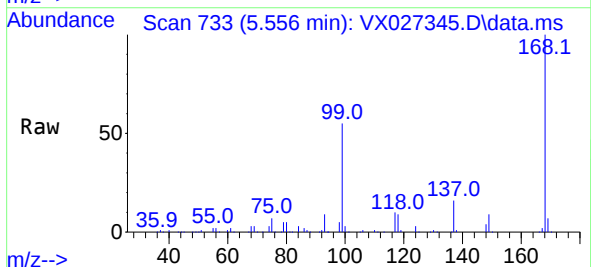


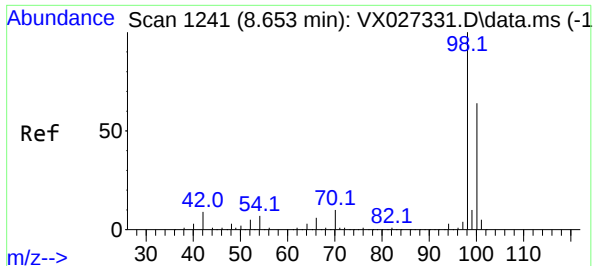
Tgt Ion: 75 Resp: 27034
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.1 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.358 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

Tgt Ion: 117 Resp: 38081
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.2 36.2#

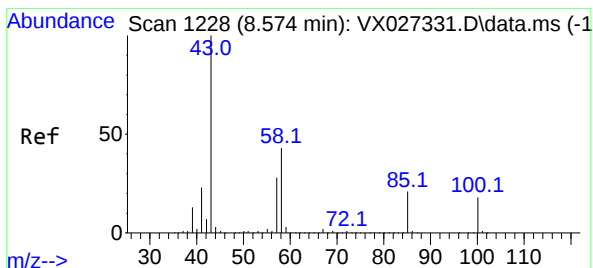
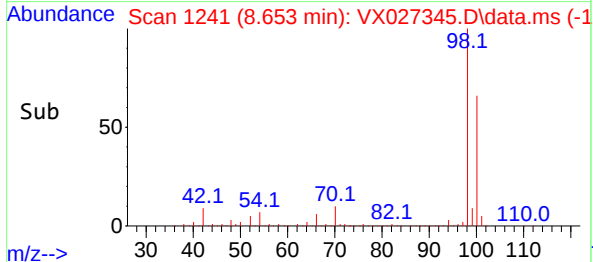
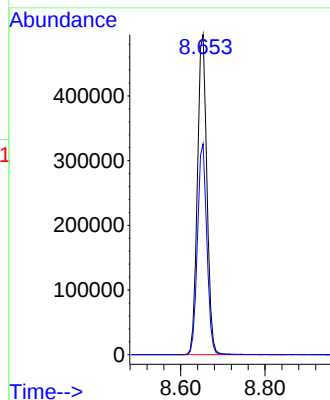
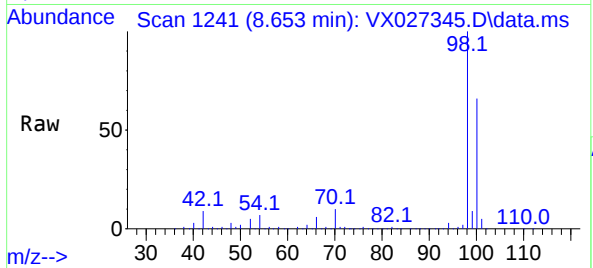




#50
Toluene-d8
Concen: 49.251 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

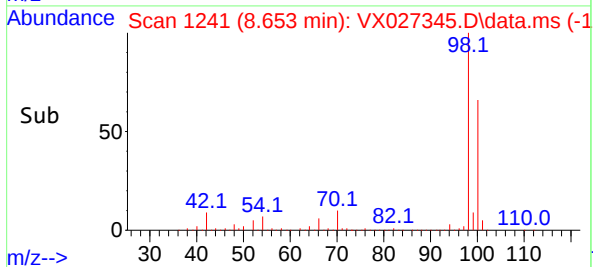
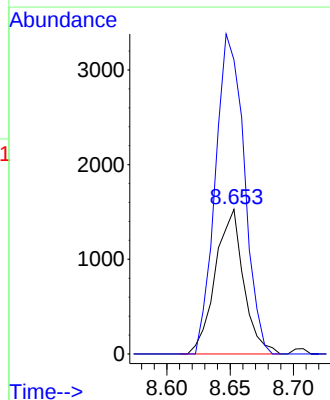
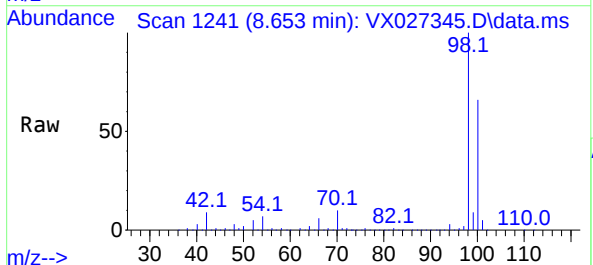
Instrument :
MSVOA_X
ClientSampleId :

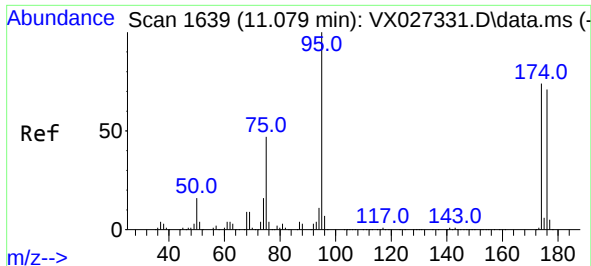
Tgt Ion: 98 Resp: 775757
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.386 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 224.8 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 46.670 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027345.D

Acq: 08 Mar 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

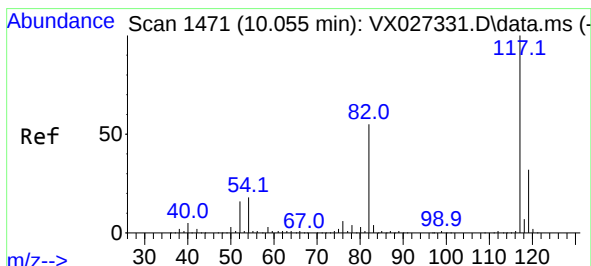
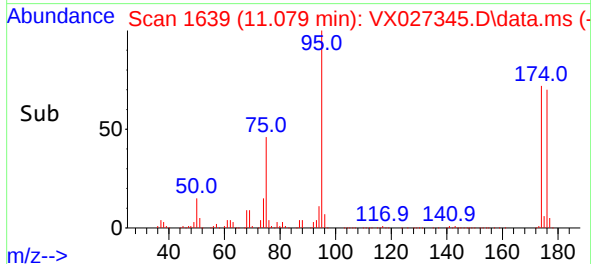
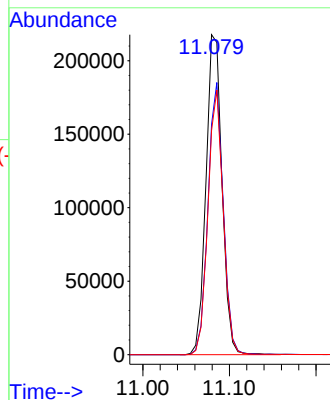
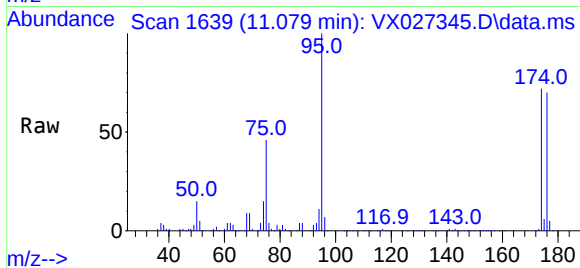
Tgt Ion: 95 Resp: 280174

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

176 78.7 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: VX027345.D

Acq: 08 Mar 2022 20:43

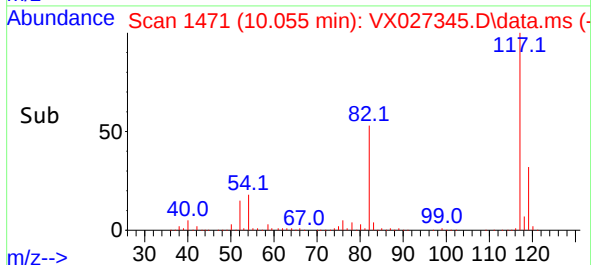
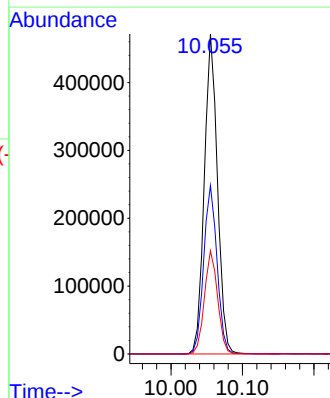
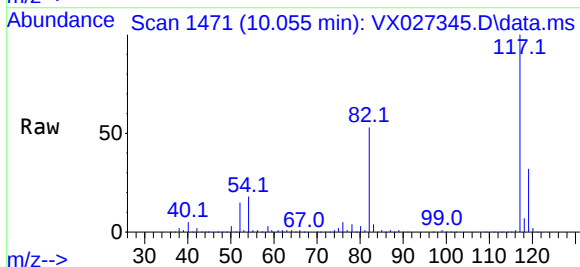
Tgt Ion: 117 Resp: 603019

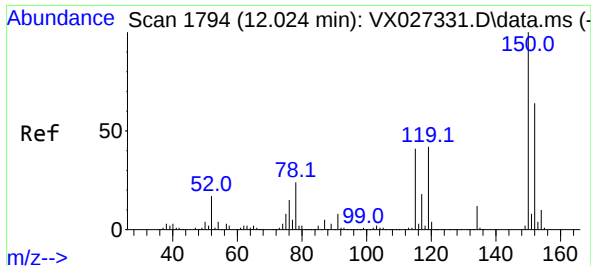
Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

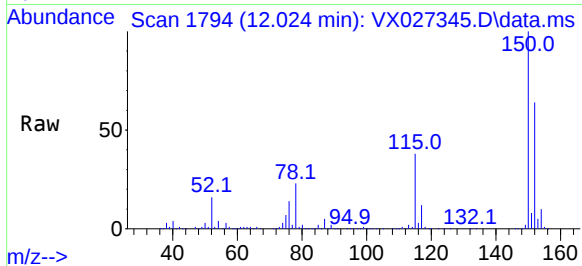
119 32.3 24.8 37.2



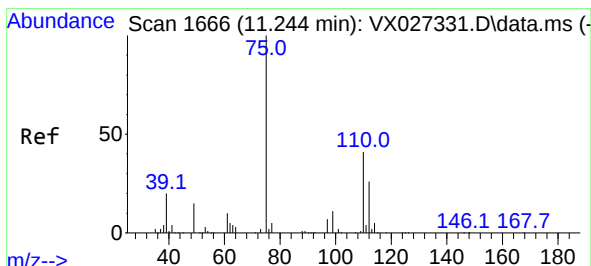
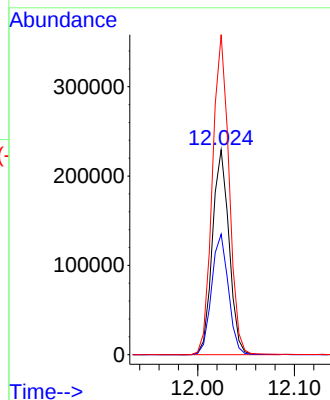
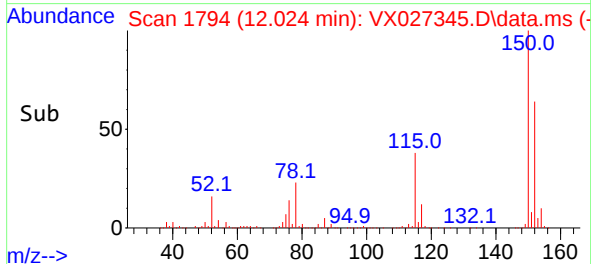


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43

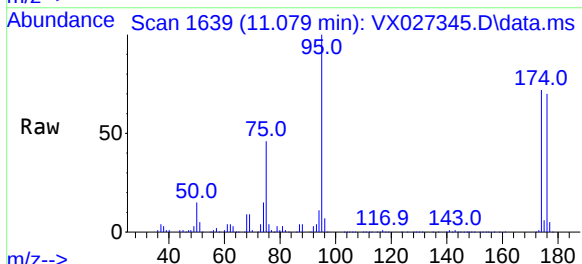
Instrument :
MSVOA_X
ClientSampleId :



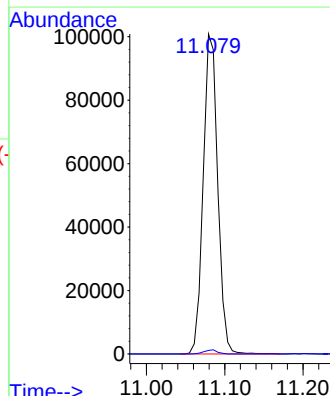
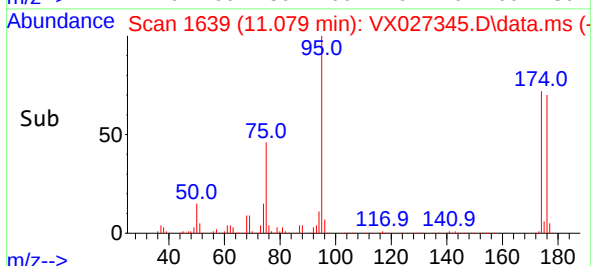
Tgt Ion:152 Resp: 273816
Ion Ratio Lower Upper
152 100
115 59.4 37.5 112.7
150 156.1 0.0 338.2

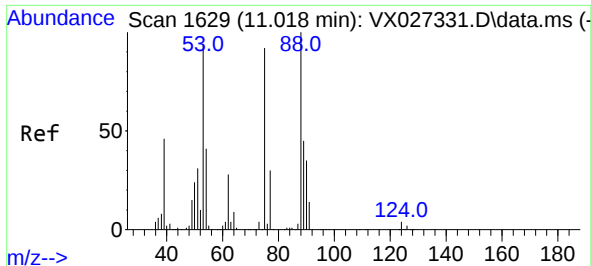


#76
1,2,3-Trichloropropane
Concen: 21.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027345.D
Acq: 08 Mar 2022 20:43



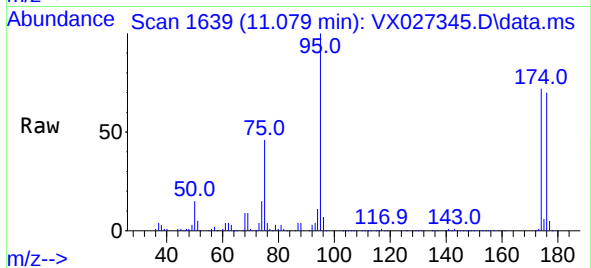
Tgt Ion: 75 Resp: 129322
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.618 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027345.D
 Acq: 08 Mar 2022 20:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 129322
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

