

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026898.D
 Acq On : 10 Feb 2022 03:42
 Operator : JC/MD
 Sample : N1446-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 07:28:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	117985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81243	50.000	ug/l	0.00

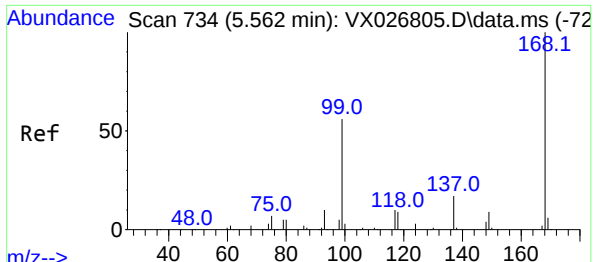
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78048	55.107	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.220%
35) Dibromofluoromethane	5.391	113	62464	52.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	8.653	98	236805	53.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.940%
62) 4-Bromofluorobenzene	11.079	95	90237	58.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.840%

Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	53	2.284	ug/l #	37
11) Tert butyl alcohol	2.971	59	824	3.221	ug/l #	75
14) Allyl chloride	2.575	41	624	0.292	ug/l #	77
15) Acrylonitrile	3.111	53	1655	2.257	ug/l #	29
16) Acetone	2.392	43	1667	2.680	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	143609	33.601	ug/l	99
31) Cyclohexane	5.562	56	2494	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9430	5.001	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12102	6.120	ug/l #	17
43) Isopropyl Acetate	6.324	43	1159	0.352	ug/l #	22
51) 4-Methyl-2-Pentanone	8.653	43	1007	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45559	25.617	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45559	78.055	ug/l #	3

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

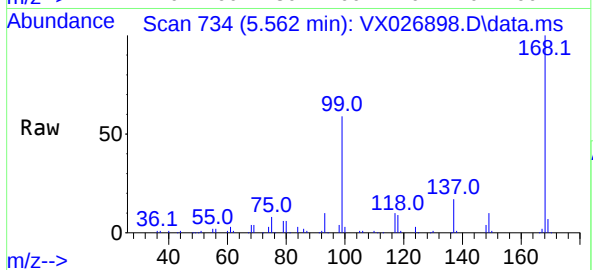
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



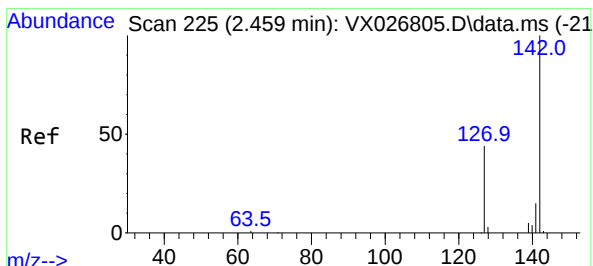
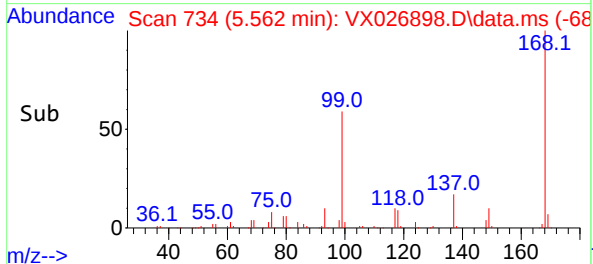
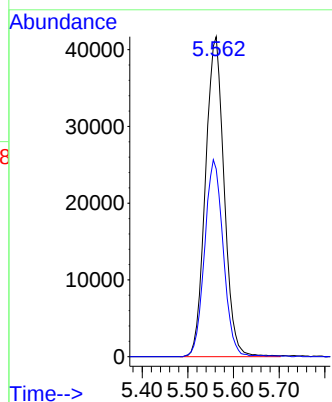


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Instrument :
MSVOA_X
ClientSampleId :

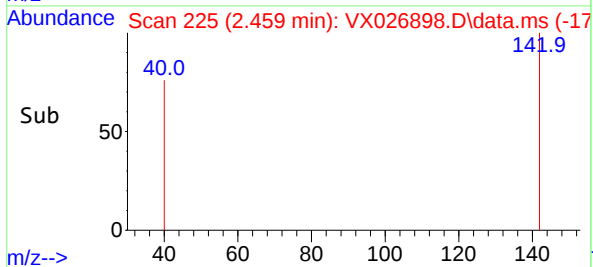
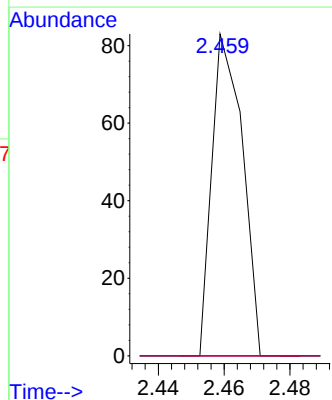
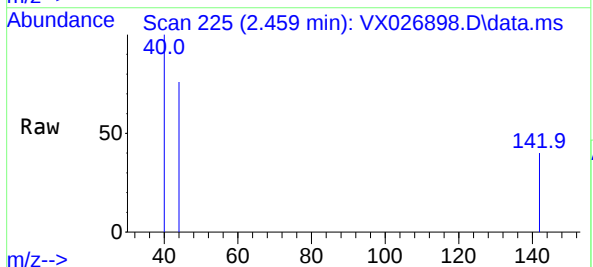


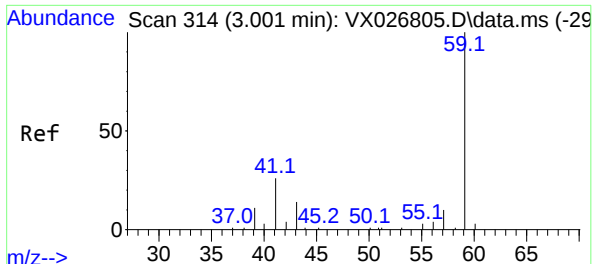
Tgt Ion:168 Resp: 117985
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#10
Methyl Iodide
Concen: 2.284 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 3.221 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.030 min

Lab File: VX026898.D

Acq: 10 Feb 2022 03:42

Instrument :

MSVOA_X

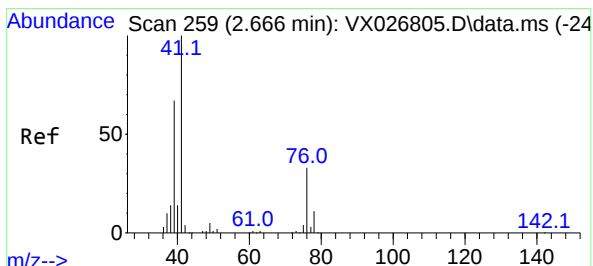
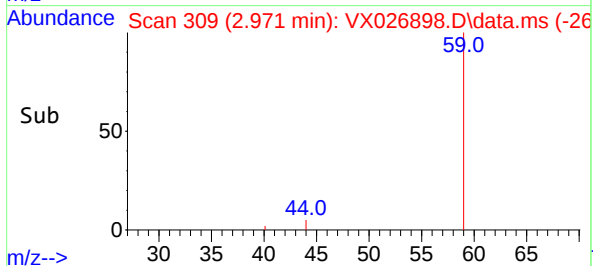
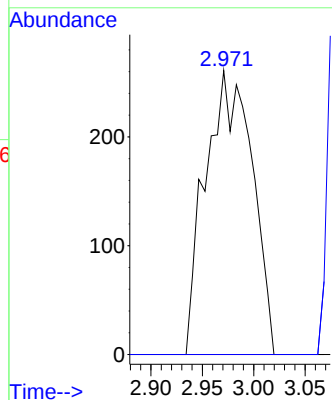
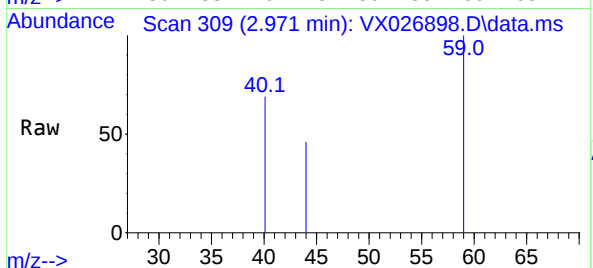
ClientSampleId :

Tgt Ion: 59 Resp: 824

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.292 ug/l

RT: 2.575 min Scan# 244

Delta R.T. -0.091 min

Lab File: VX026898.D

Acq: 10 Feb 2022 03:42

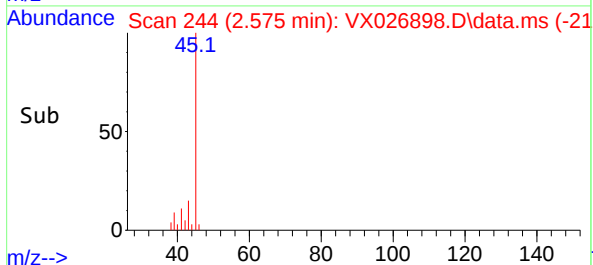
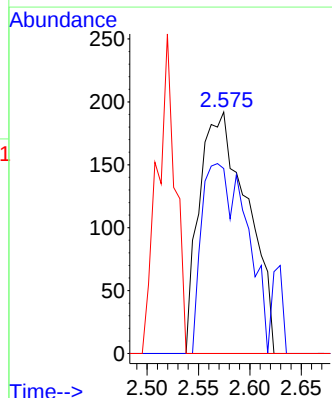
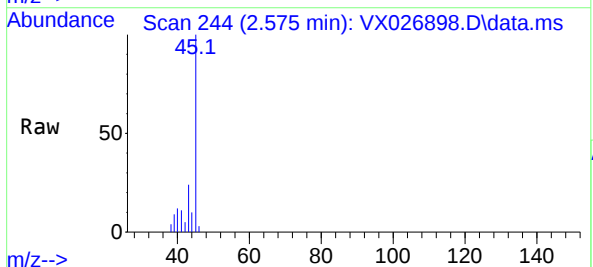
Tgt Ion: 41 Resp: 624

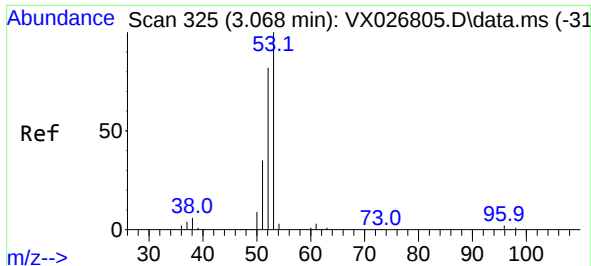
Ion Ratio Lower Upper

41 100

39 73.7 54.2 81.4

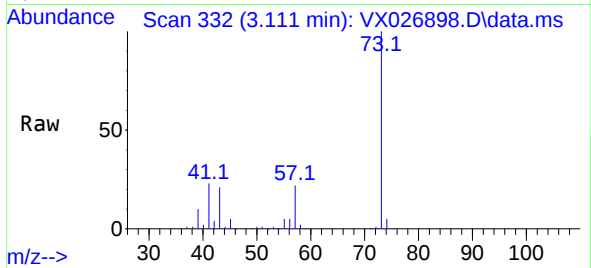
76 0.0 25.2 37.8#



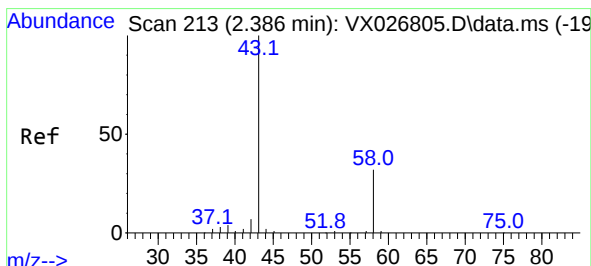
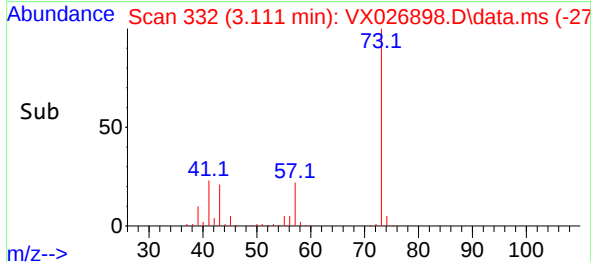
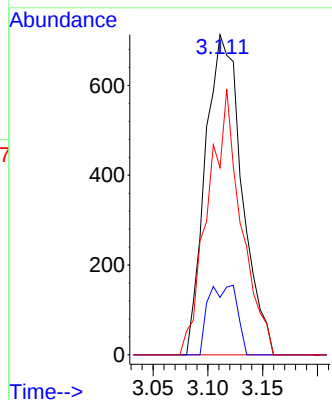


#15
Acrylonitrile
Concen: 2.257 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Instrument :
MSVOA_X
ClientSampleId :

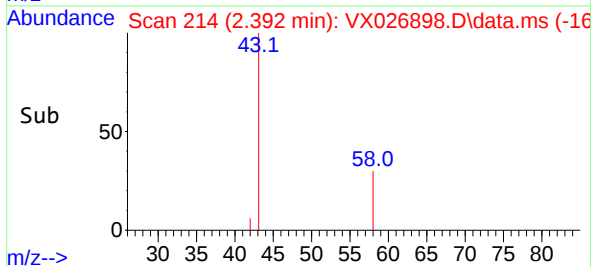
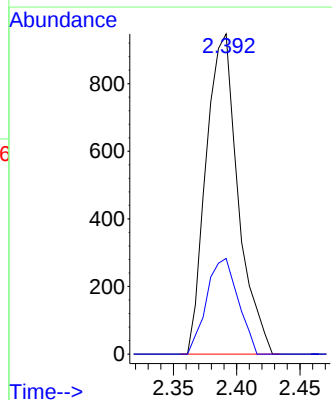
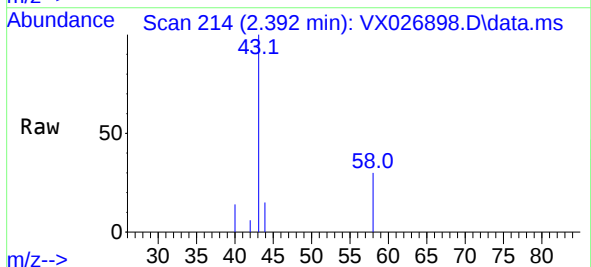


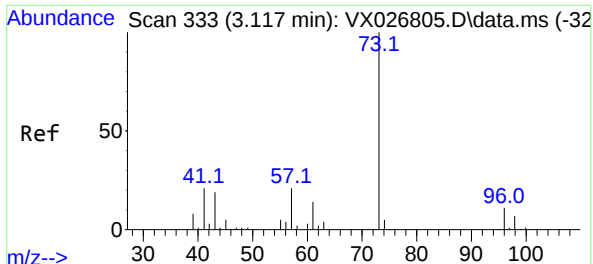
Tgt Ion: 53 Resp: 1655
Ion Ratio Lower Upper
53 100
52 17.1 66.6 100.0#
51 75.4 29.5 44.3#



#16
Acetone
Concen: 2.680 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
58 29.9 23.0 34.6

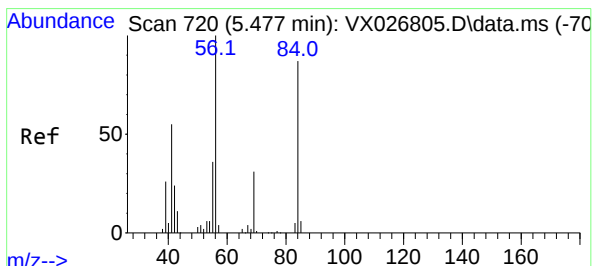
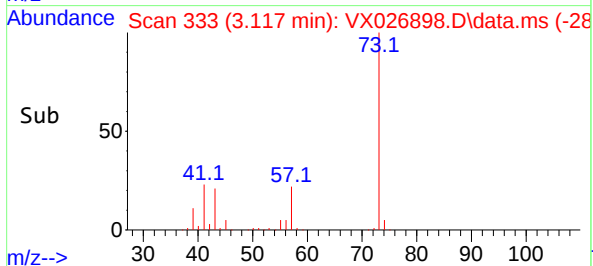
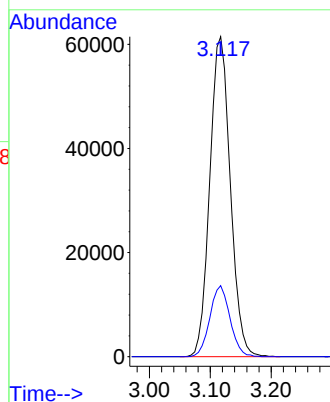
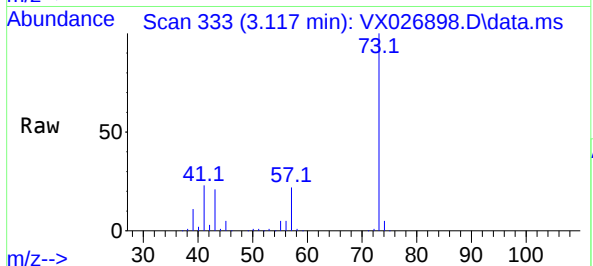




#19
Methyl tert-butyl Ether
Concen: 33.601 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

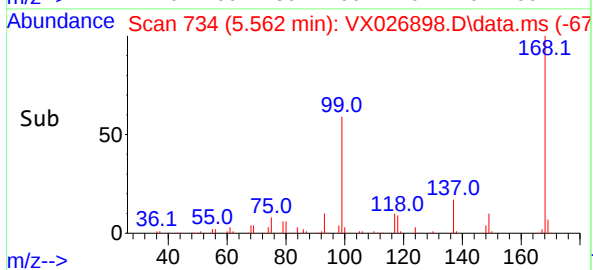
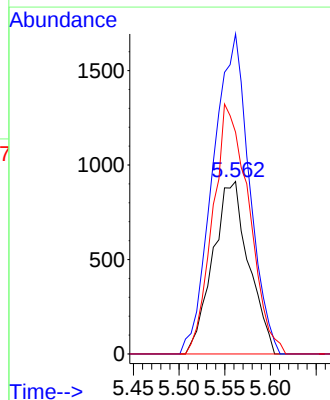
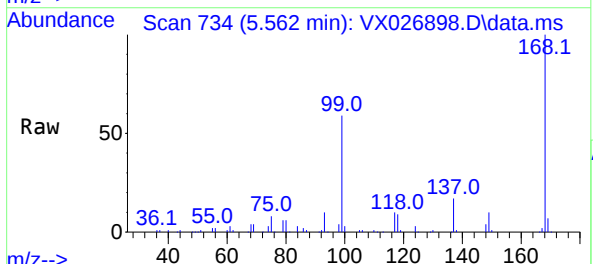
Instrument :
MSVOA_X
ClientSampleId :

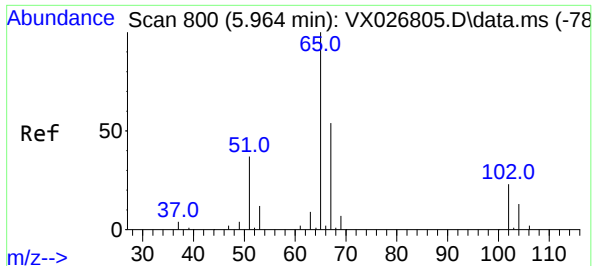
Tgt Ion: 73 Resp: 143609
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Tgt Ion: 56 Resp: 2494
Ion Ratio Lower Upper
56 100
69 185.5 25.8 38.6#
84 128.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.107 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026898.D

Acq: 10 Feb 2022 03:42

Instrument :

MSVOA_X

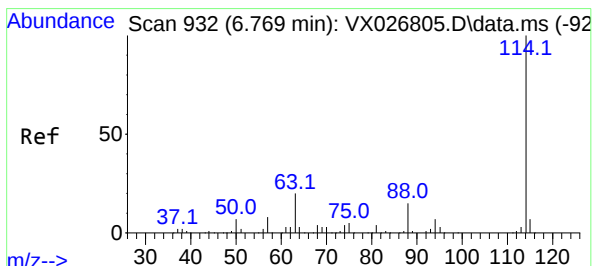
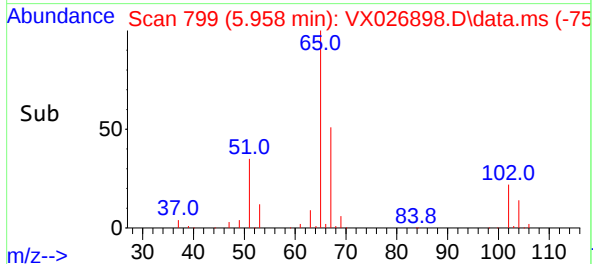
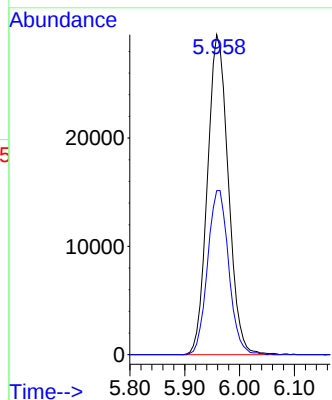
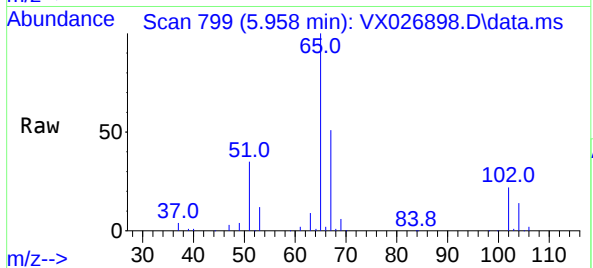
ClientSampleId :

Tgt Ion: 65 Resp: 78048

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026898.D

Acq: 10 Feb 2022 03:42

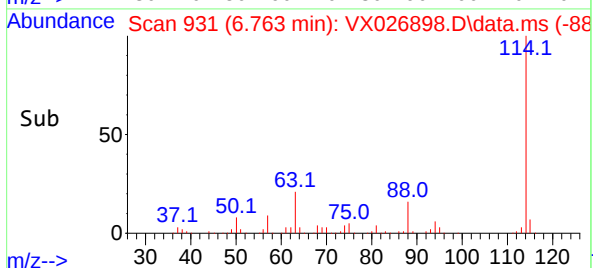
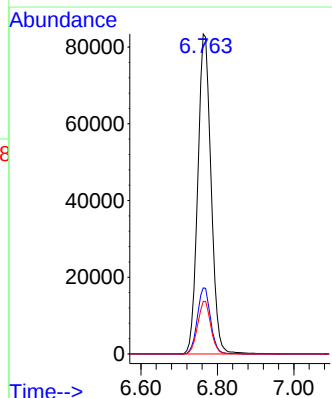
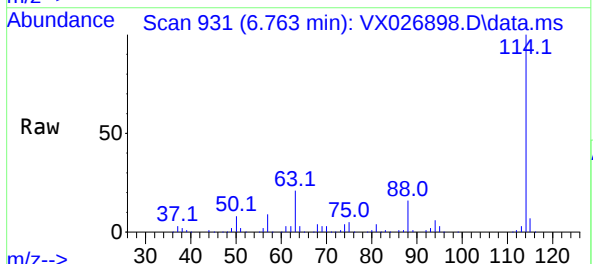
Tgt Ion: 114 Resp: 200627

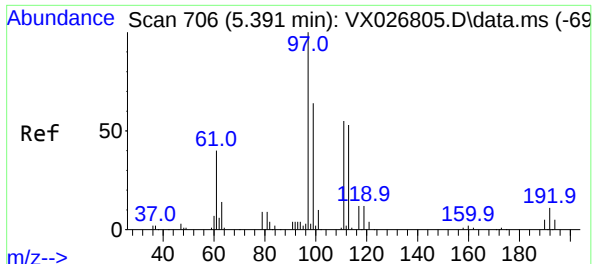
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

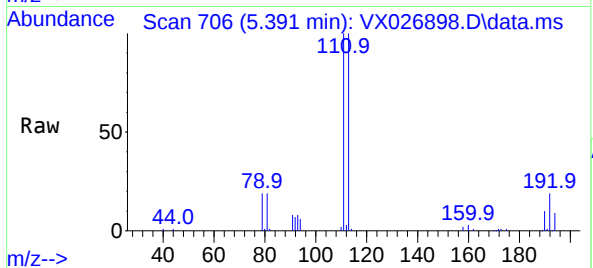
88 16.5 0.0 33.0





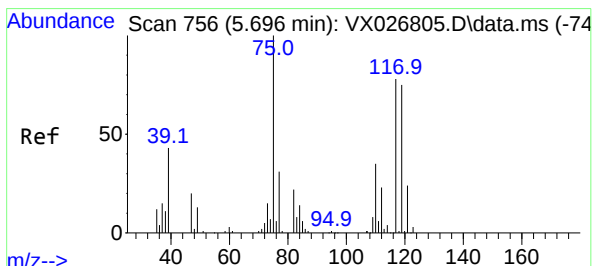
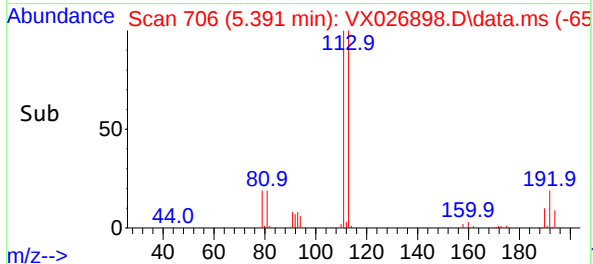
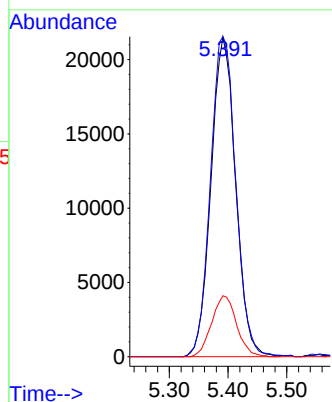
#35
 Dibromofluoromethane
 Concen: 52.258 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX026898.D
 Acq: 10 Feb 2022 03:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 113 Resp: 62464

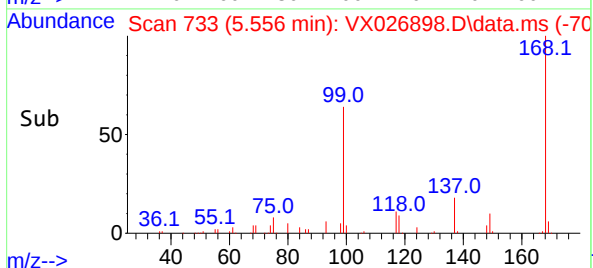
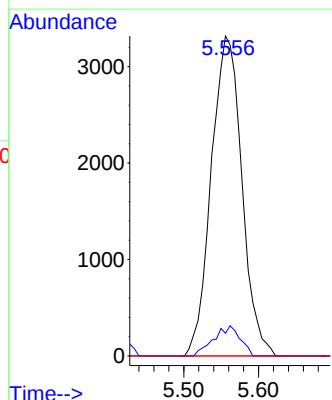
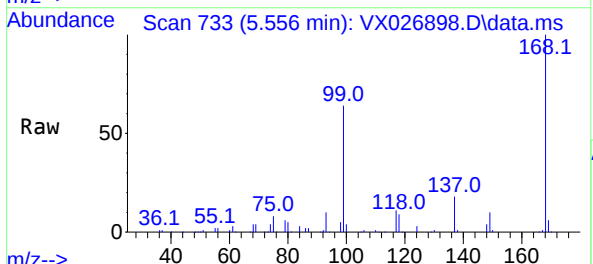
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.2	121.8
192	19.3	15.0	22.4

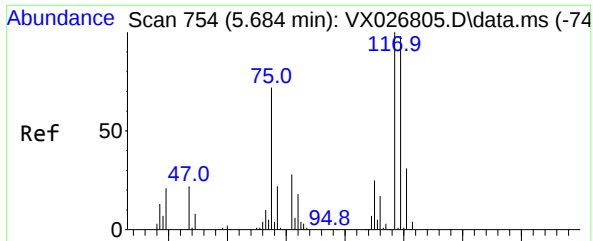


#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX026898.D
 Acq: 10 Feb 2022 03:42

Tgt Ion: 75 Resp: 9430

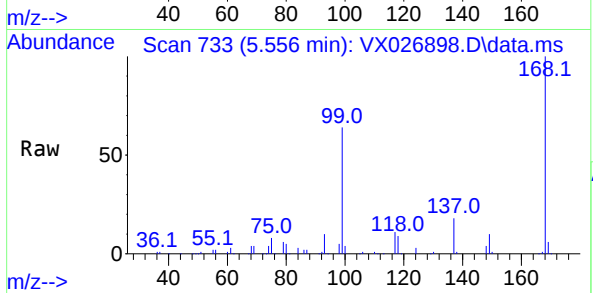
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.2	51.6#
77	0.0	24.6	36.8#



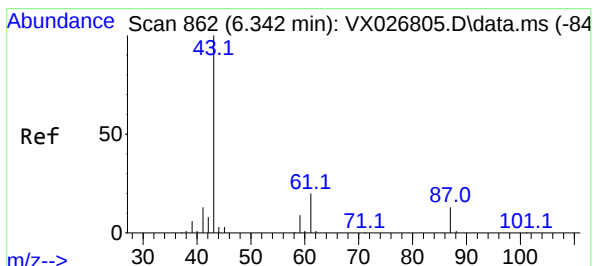
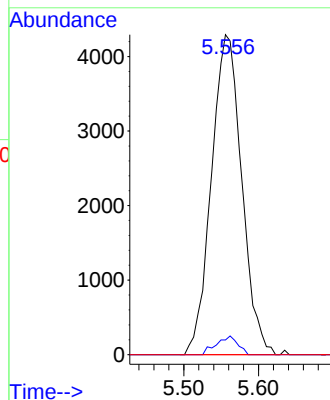
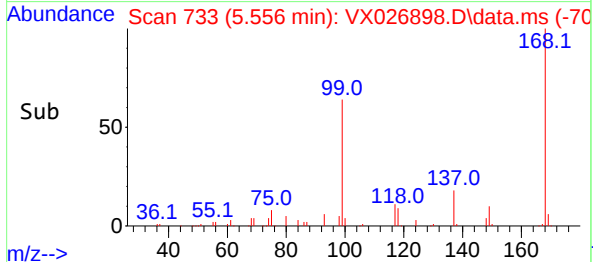


#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Instrument :
MSVOA_X
ClientSampleId :

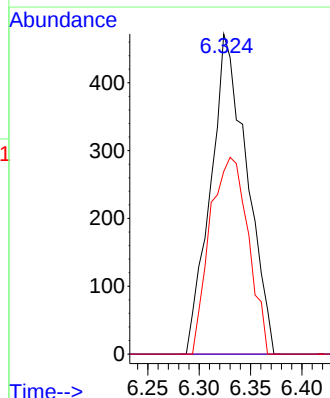
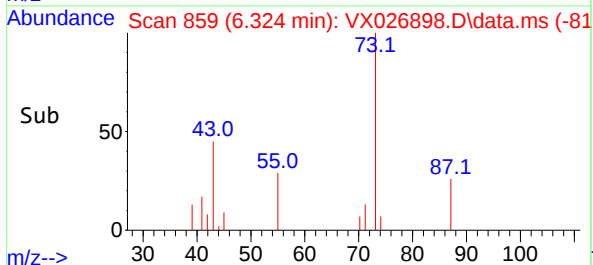
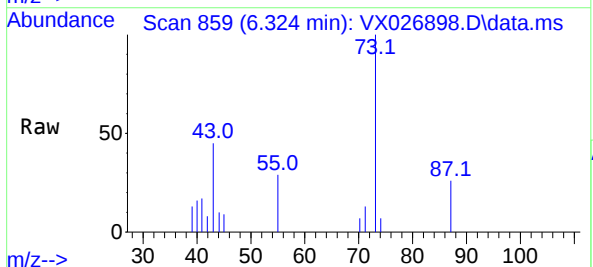


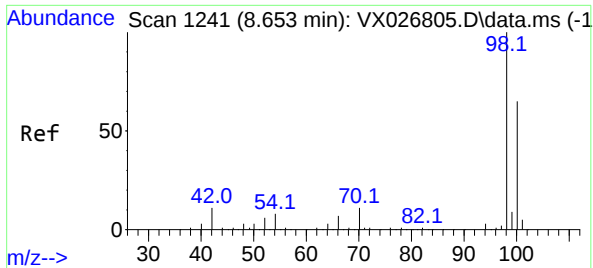
Tgt Ion:117 Resp: 12102
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.352 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 64.8 10.2 15.2#

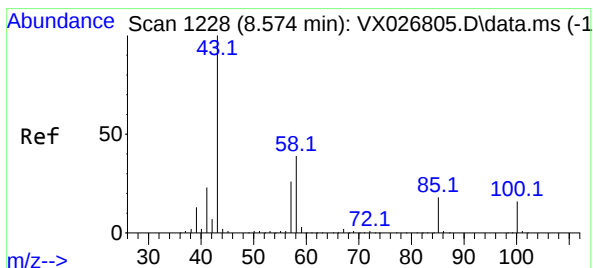
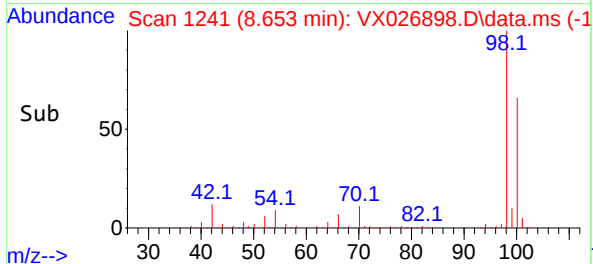
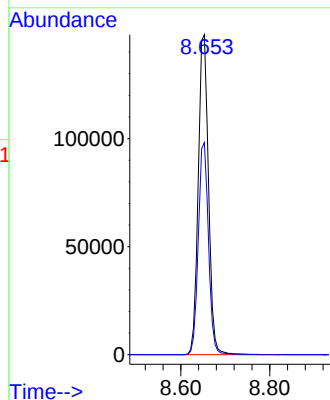
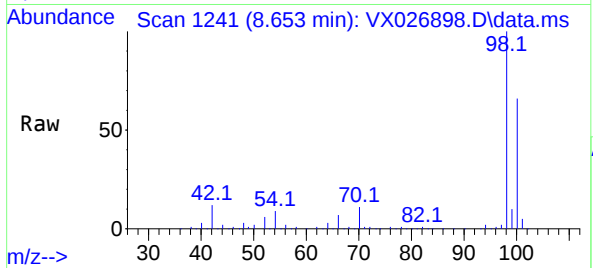




#50
Toluene-d8
Concen: 53.972 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

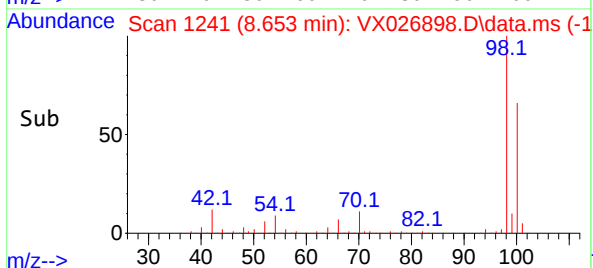
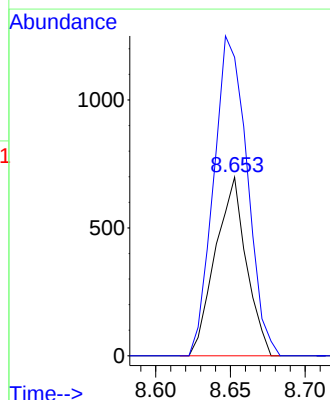
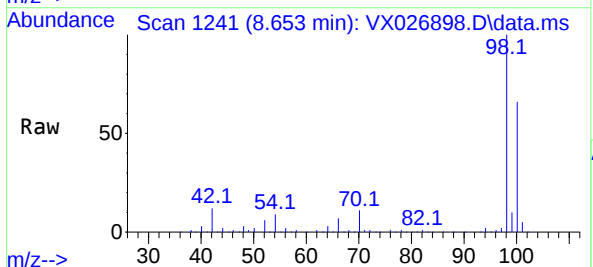
Instrument :
MSVOA_X
ClientSampleId :

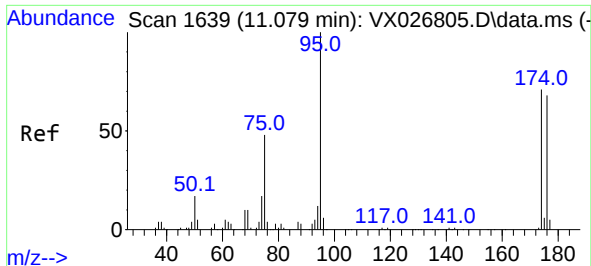
Tgt Ion: 98 Resp: 236805
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

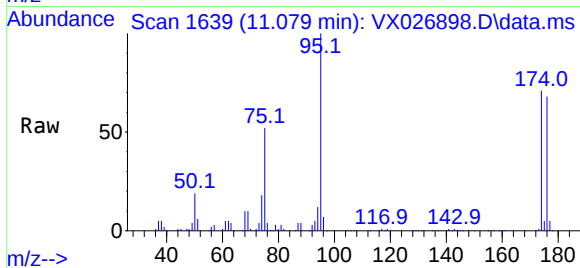
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 193.2 30.5 45.7#



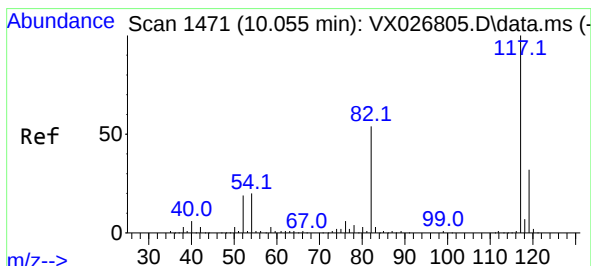
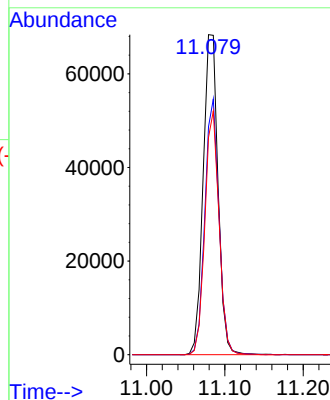
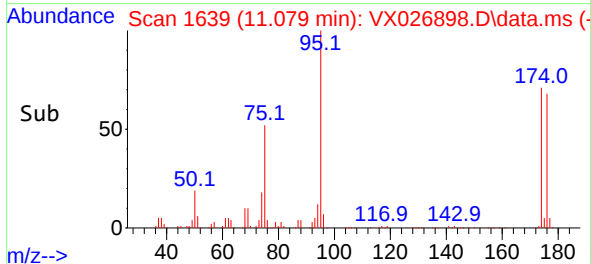


#62
4-Bromofluorobenzene
Concen: 58.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

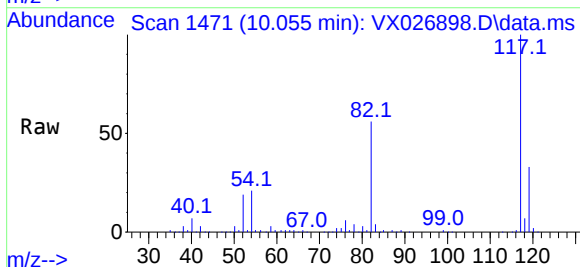
Instrument :
MSVOA_X
ClientSampleId :



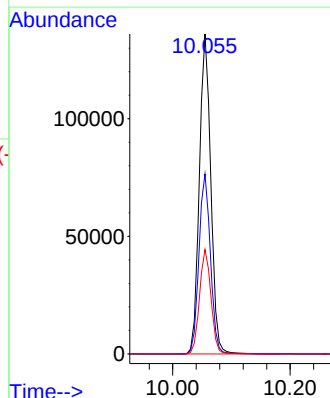
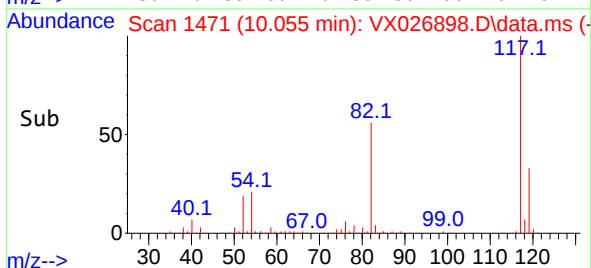
Tgt Ion: 95 Resp: 90237
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.6
176 72.2 0.0 141.4

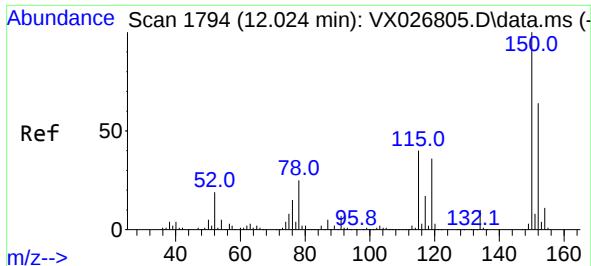


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42



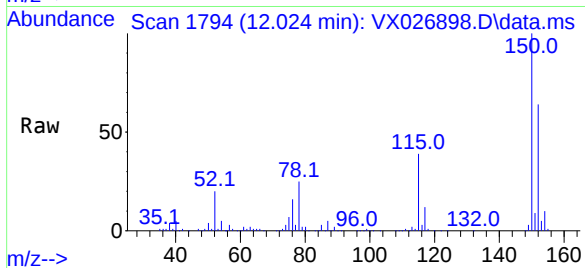
Tgt Ion: 117 Resp: 184022
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.6 26.2 39.2



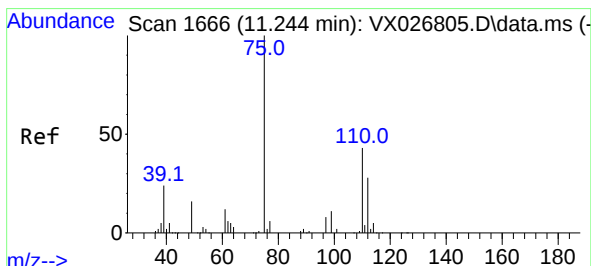
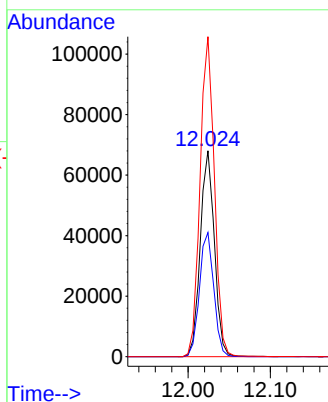
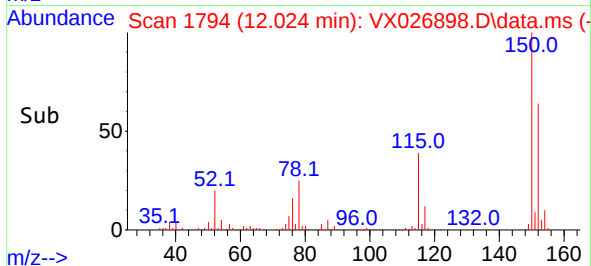


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

Instrument :
MSVOA_X
ClientSampleId :

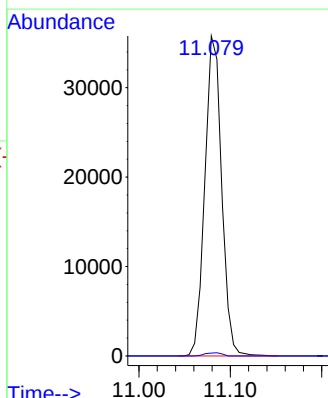
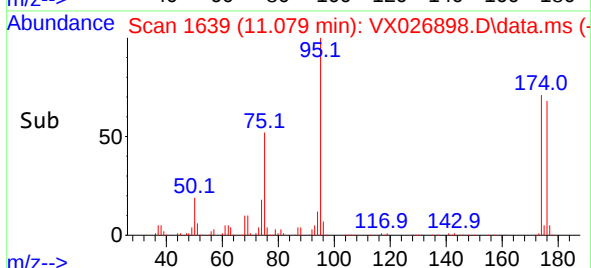
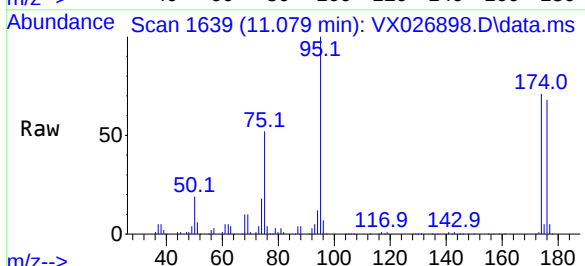


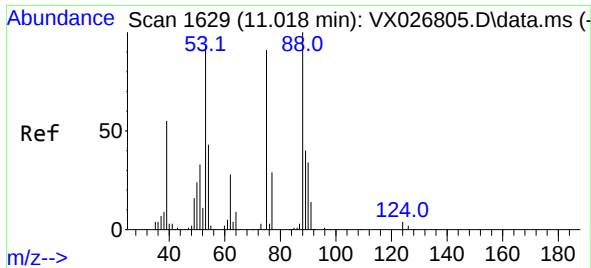
Tgt Ion:152 Resp: 81243
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026898.D
Acq: 10 Feb 2022 03:42

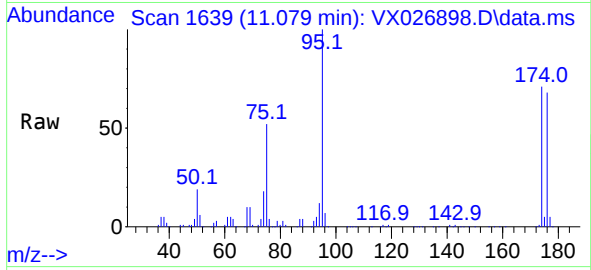
Tgt Ion: 75 Resp: 45559
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.055 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026898.D
 Acq: 10 Feb 2022 03:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 45559
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

