

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026902.D
 Acq On : 10 Feb 2022 05:15
 Operator : JC/MD
 Sample : N1447-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 07:30:22 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	5.556	168	128012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84979	55.301	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.600%	
35) Dibromofluoromethane	5.391	113	69024	53.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	8.653	98	255445	53.500	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	11.079	95	96712	57.532	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.060%	

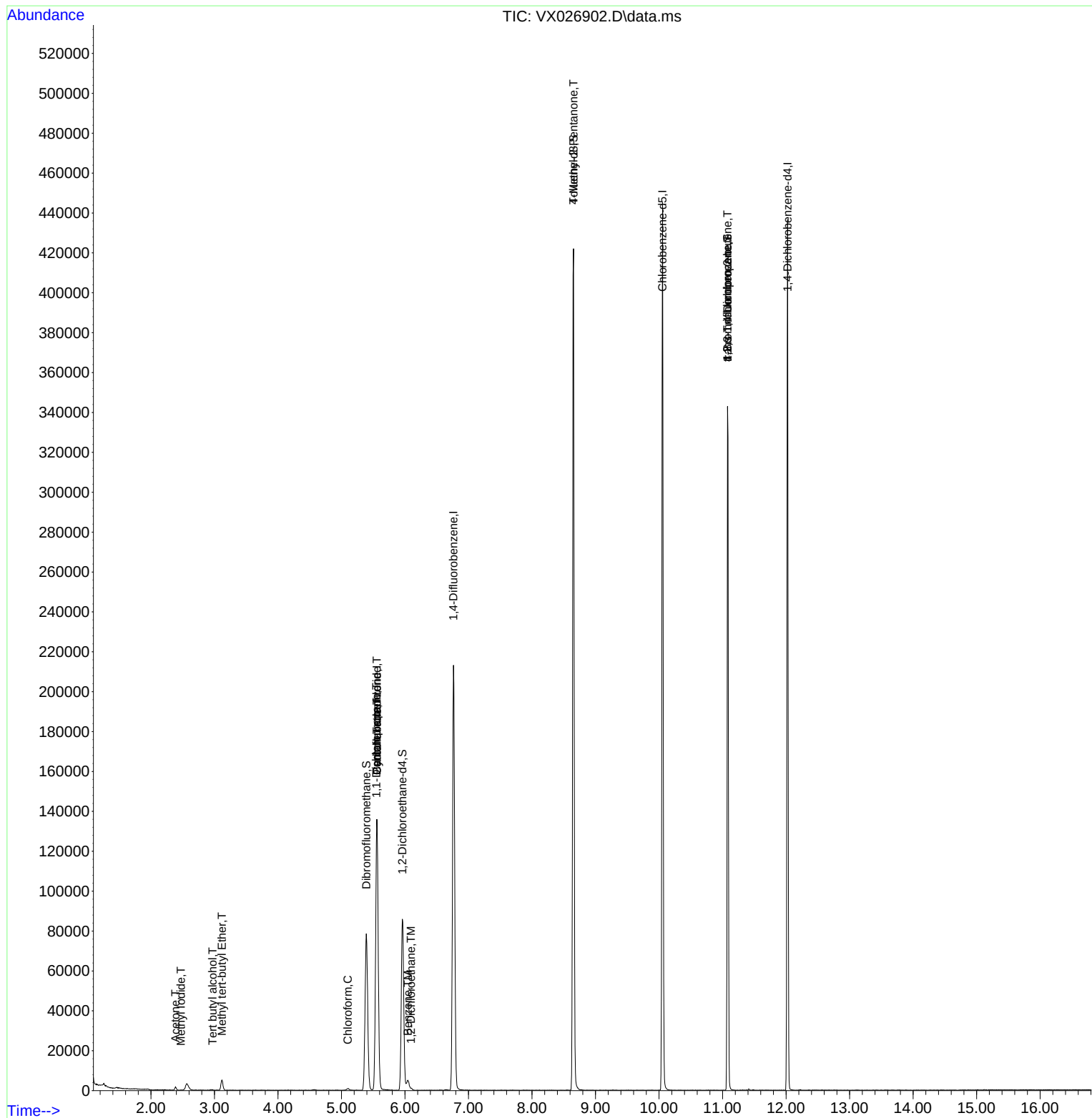
Target Compounds			Qvalue			
10) Methyl Iodide	2.471	142	21	2.265	ug/l #	37
11) Tert butyl alcohol	2.971	59	189	0.681	ug/l #	75
16) Acetone	2.386	43	1850	2.741	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	5535	1.194	ug/l	98
30) Chloroform	5.099	83	1250	0.476	ug/l	95
31) Cyclohexane	5.556	56	2559	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9983	4.865	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13464	6.257	ug/l #	16
40) Benzene	6.044	78	6079	1.016	ug/l	93
42) 1,2-Dichloroethane	6.092	62	1189	0.564	ug/l	85
51) 4-Methyl-2-Pentanone	8.653	43	1142	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47802	25.394	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47802	77.404	ug/l #	3

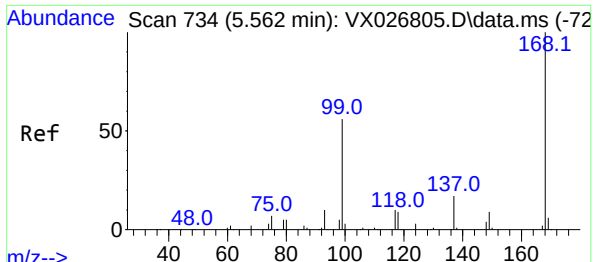
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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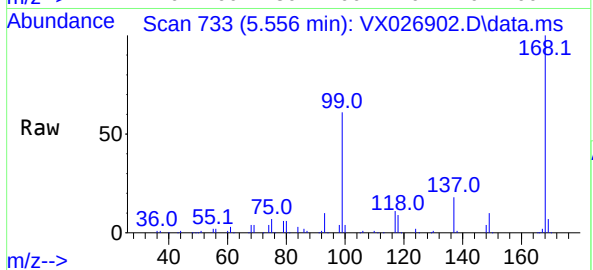
Quant Time: Feb 10 07:30:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



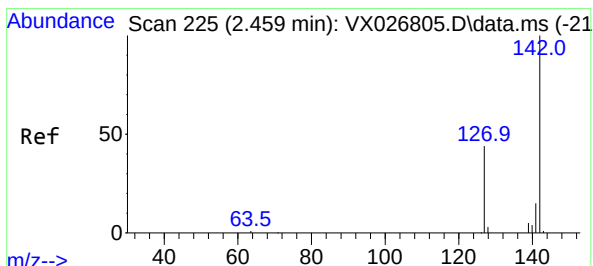
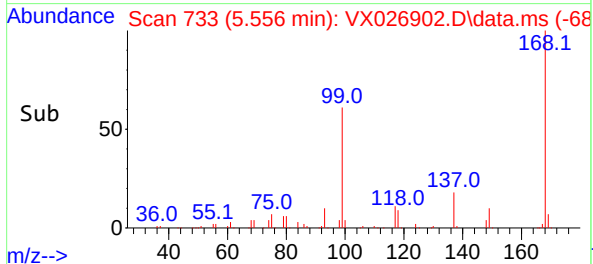
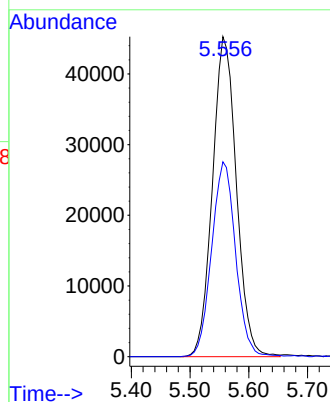


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Instrument :
MSVOA_X
ClientSampleId :

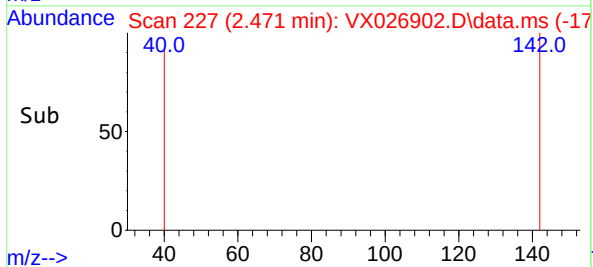
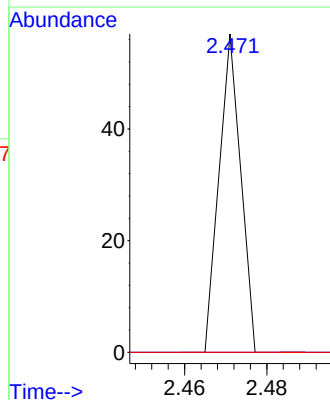
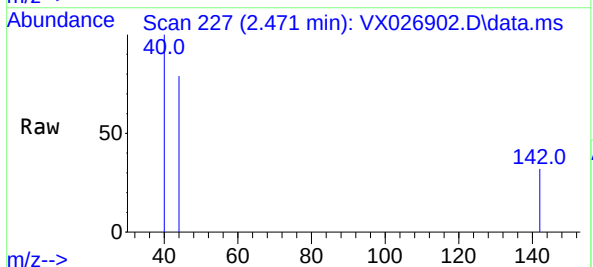


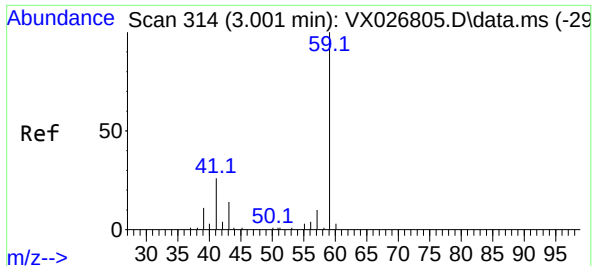
Tgt Ion:168 Resp: 128012
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#10
Methyl Iodide
Concen: 2.265 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Tgt Ion:142 Resp: 21
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: 0.681 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.030 min

Lab File: VX026902.D

Acq: 10 Feb 2022 05:15

Instrument :

MSVOA_X

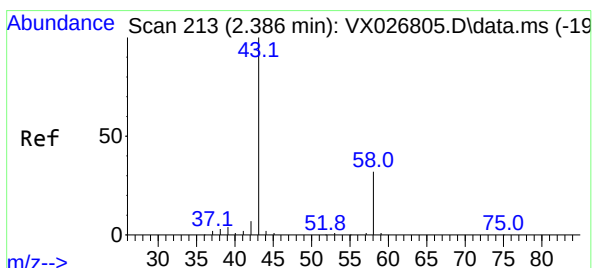
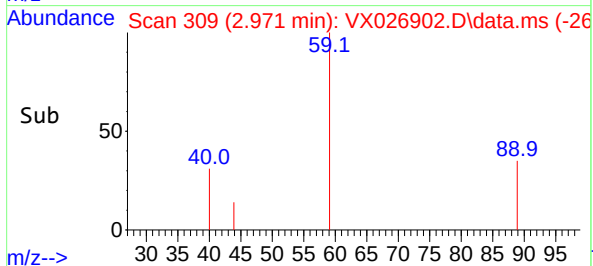
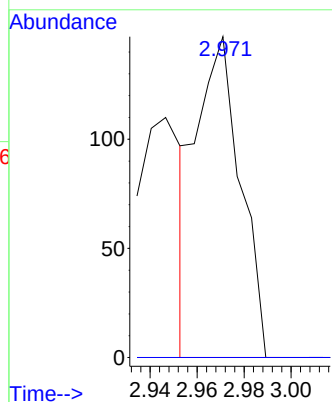
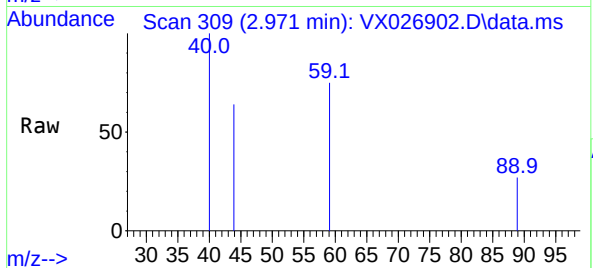
ClientSampleId :

Tgt Ion: 59 Resp: 189

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 2.741 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026902.D

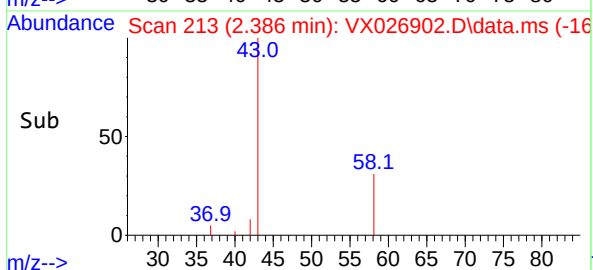
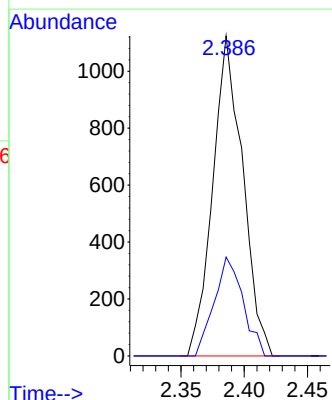
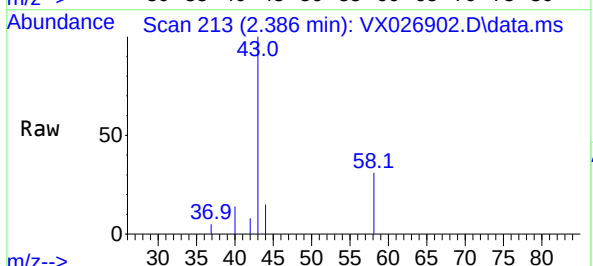
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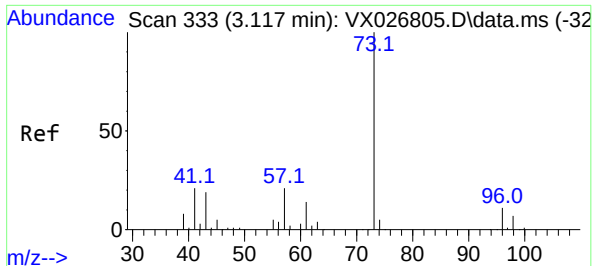
Tgt Ion: 43 Resp: 1850

Ion Ratio Lower Upper

43 100

58 30.9 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 1.194 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026902.D

Acq: 10 Feb 2022 05:15

Instrument :

MSVOA_X

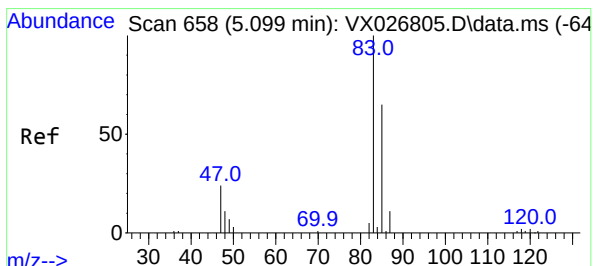
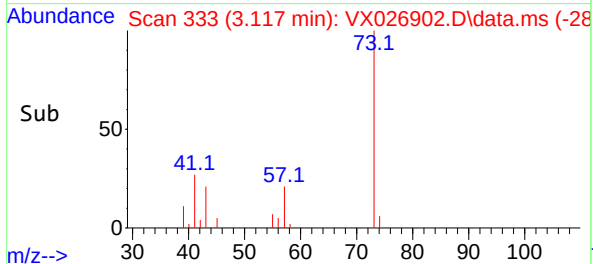
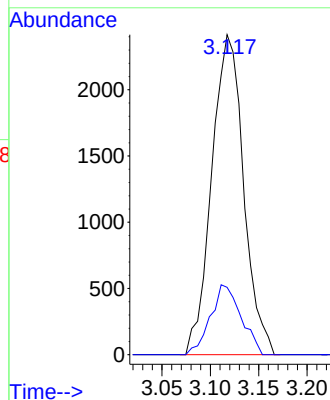
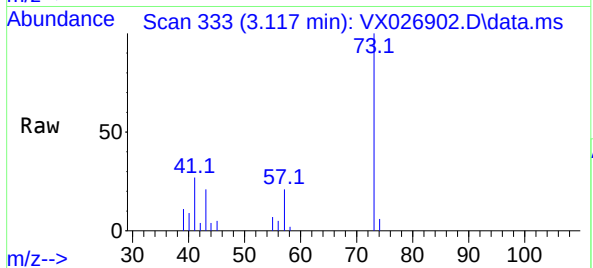
ClientSampleId :

Tgt Ion: 73 Resp: 5535

Ion Ratio Lower Upper

73 100

57 21.1 17.4 26.2



#30

Chloroform

Concen: 0.476 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX026902.D

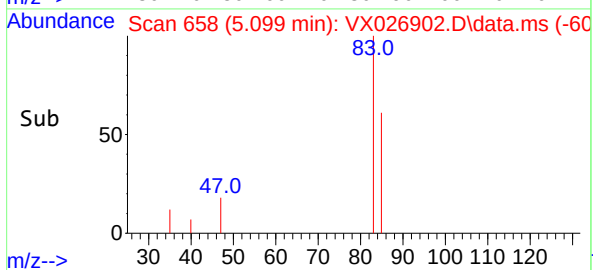
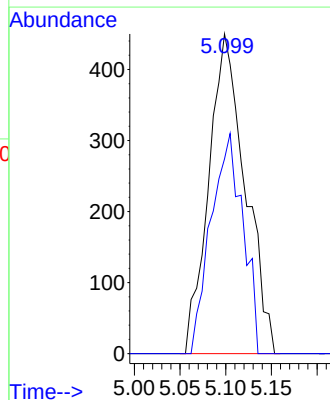
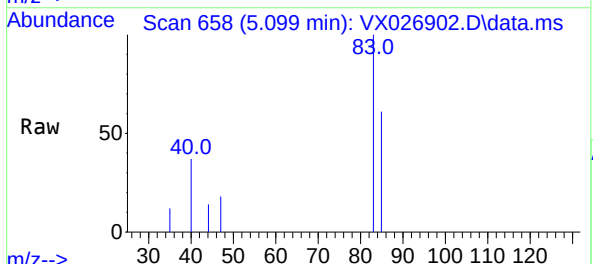
Acq: 10 Feb 2022 05:15

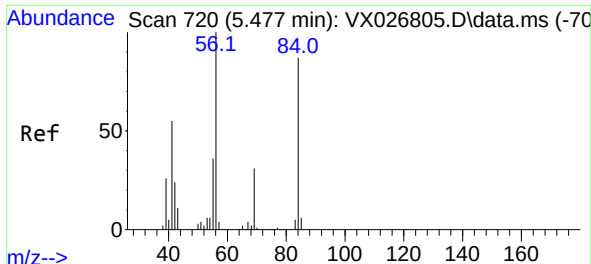
Tgt Ion: 83 Resp: 1250

Ion Ratio Lower Upper

83 100

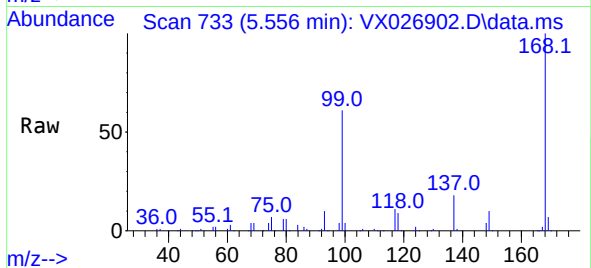
85 60.9 51.6 77.4



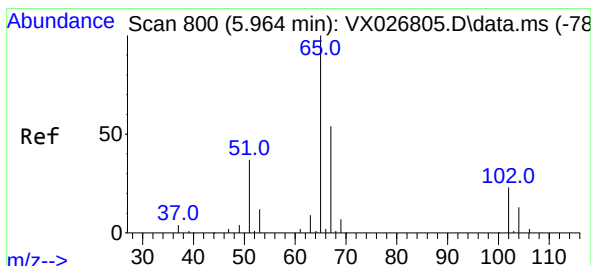
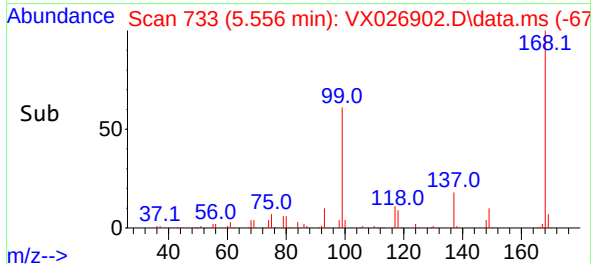
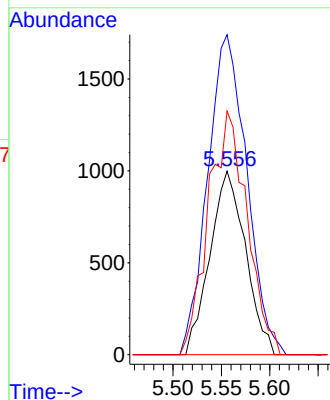


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Instrument :
MSVOA_X
ClientSampleId :

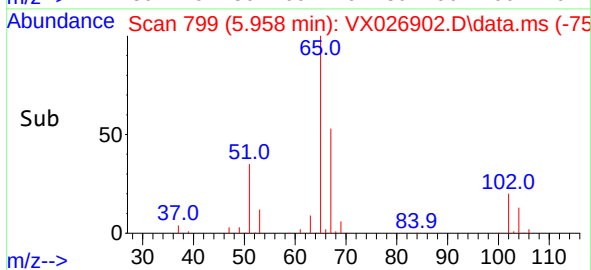
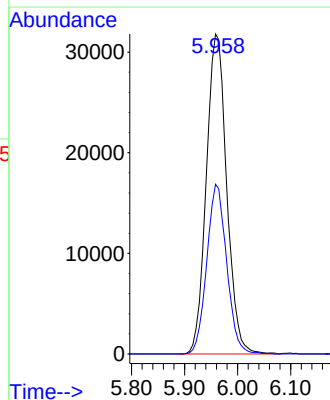
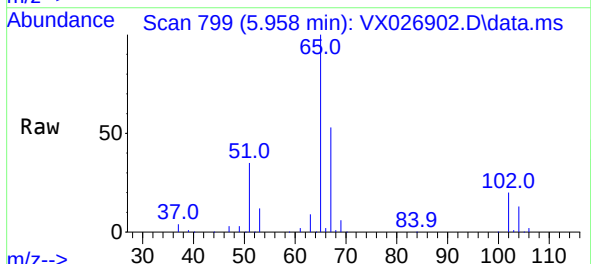


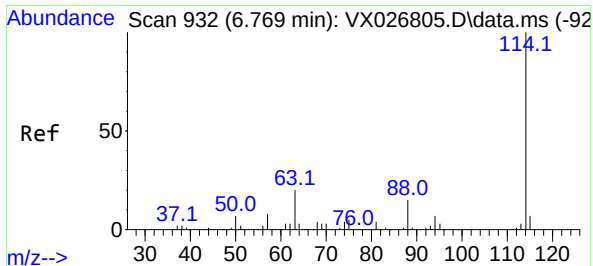
Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 174.3 25.8 38.6#
84 132.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.301 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Tgt Ion: 65 Resp: 84979
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

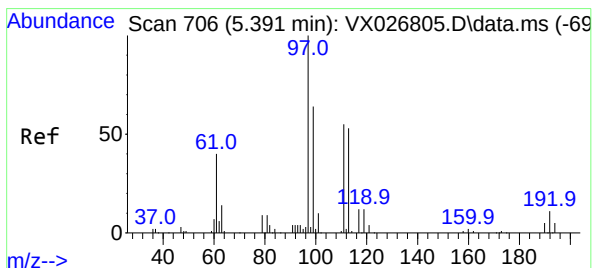
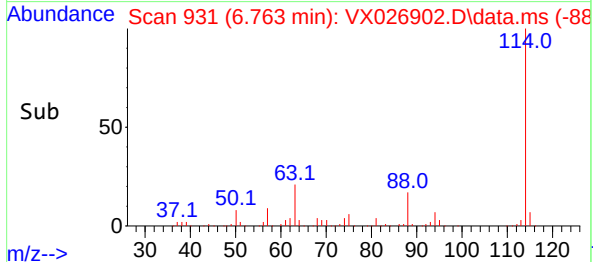
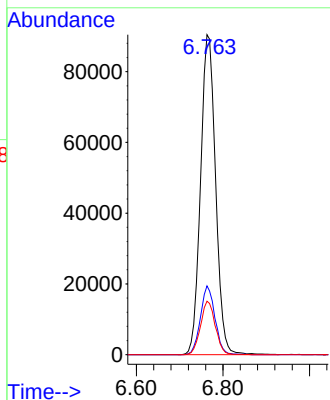
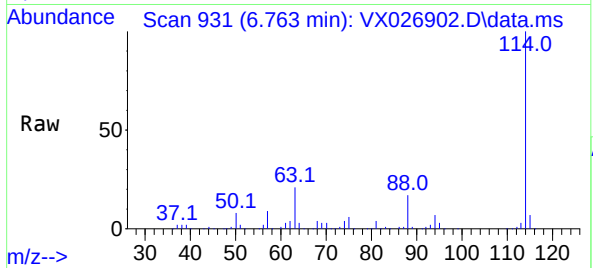




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

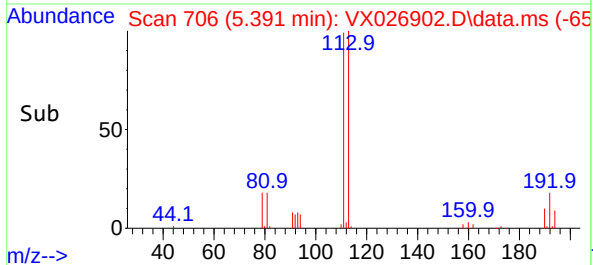
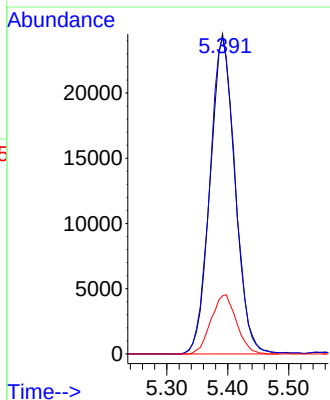
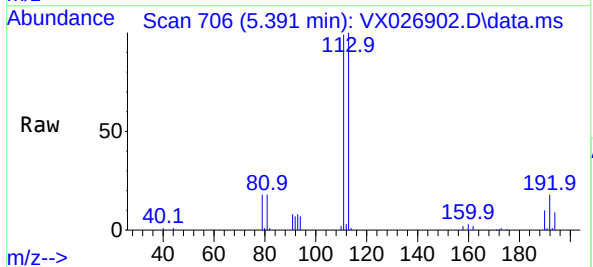
Instrument :
MSVOA_X
ClientSampleId :

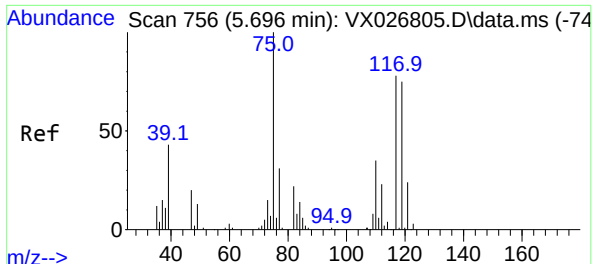
Tgt Ion:114 Resp: 218327
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.065 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

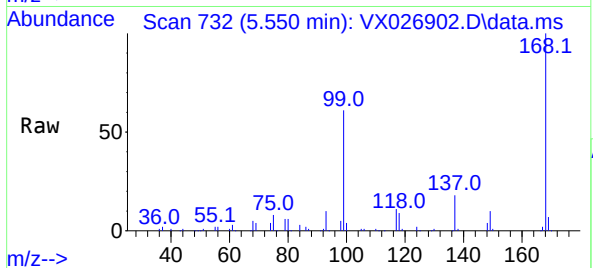
Tgt Ion:113 Resp: 69024
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 19.0 15.0 22.4



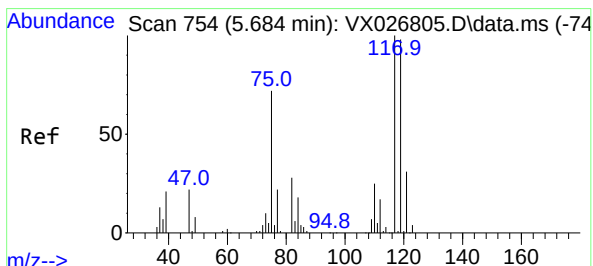
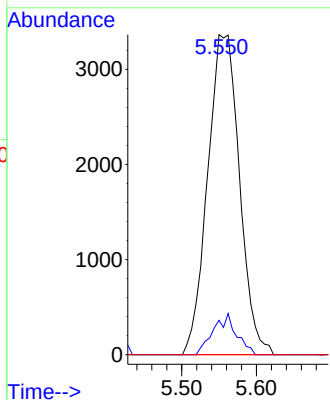
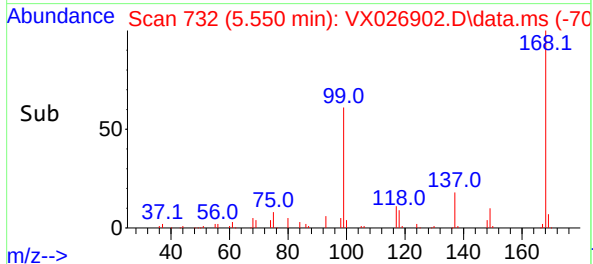


#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

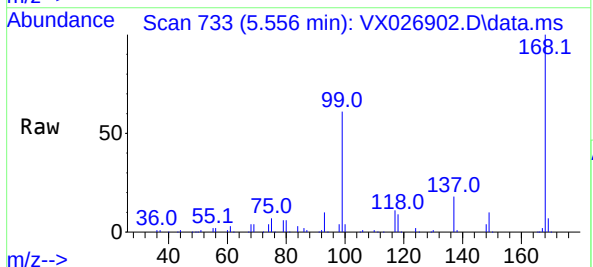
Instrument :
MSVOA_X
ClientSampleId :



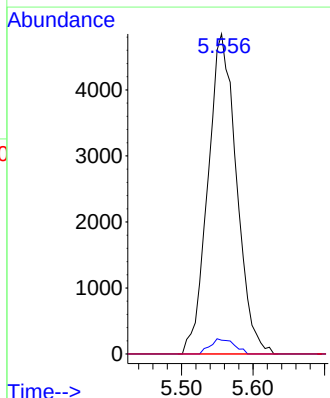
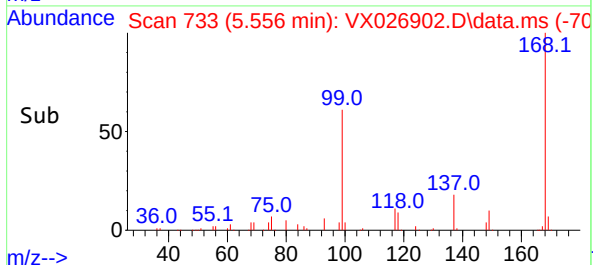
Tgt Ion: 75 Resp: 9983
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.6#
77 0.0 24.6 36.8#

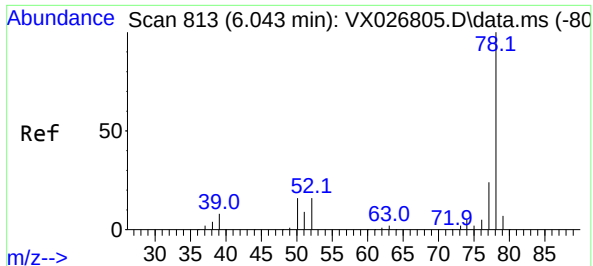


#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15



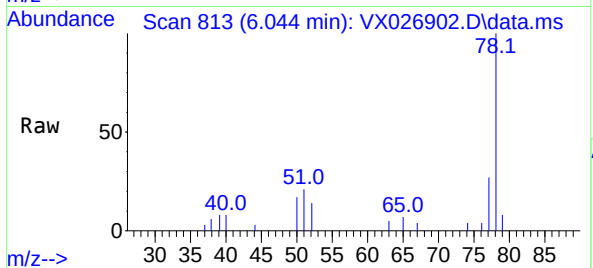
Tgt Ion: 117 Resp: 13464
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



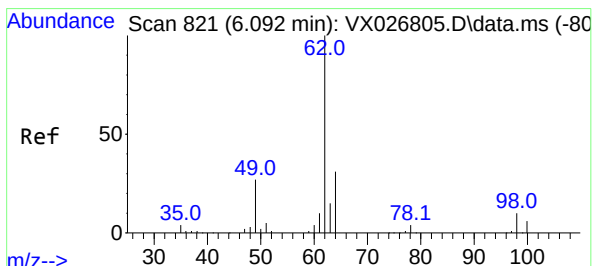
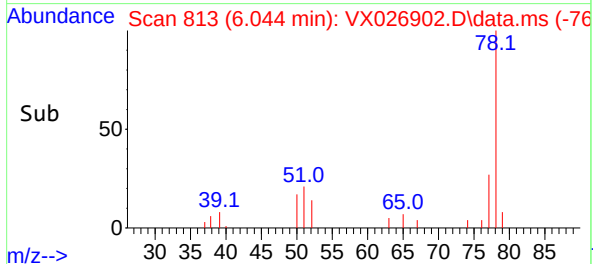
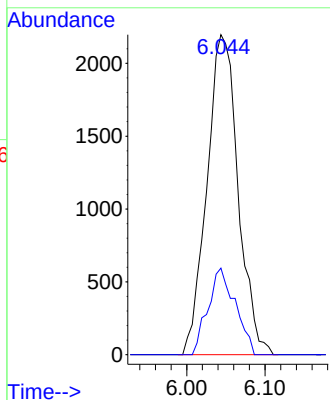


#40
Benzene
Concen: 1.016 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Instrument :
MSVOA_X
ClientSampleId :

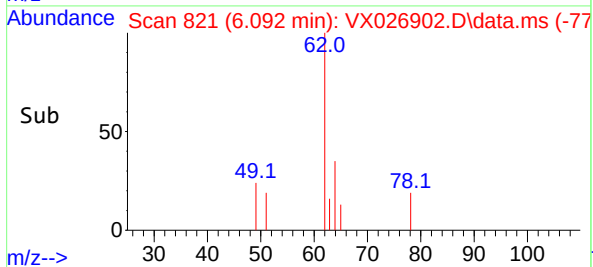
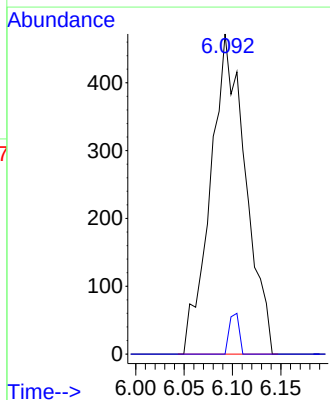
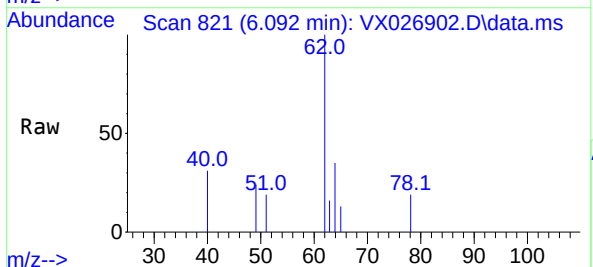


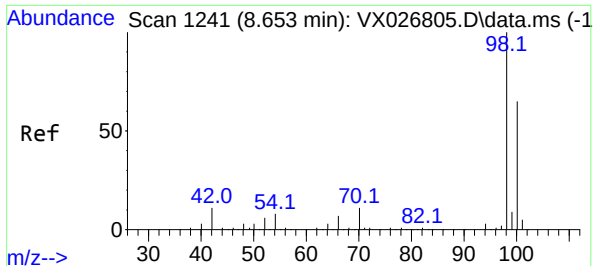
Tgt Ion: 78 Resp: 6079
Ion Ratio Lower Upper
78 100
77 27.0 18.9 28.3



#42
1,2-Dichloroethane
Concen: 0.564 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Tgt Ion: 62 Resp: 1189
Ion Ratio Lower Upper
62 100
98 3.5 0.0 17.8

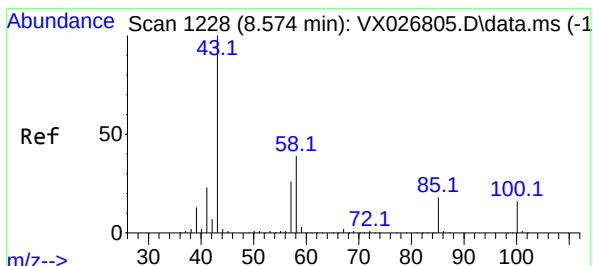
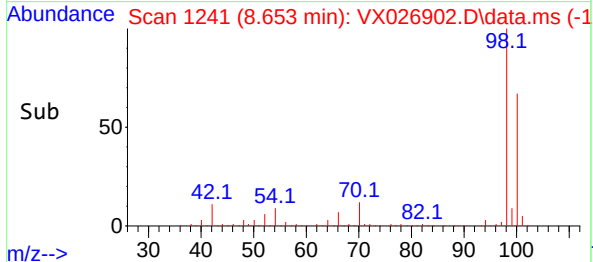
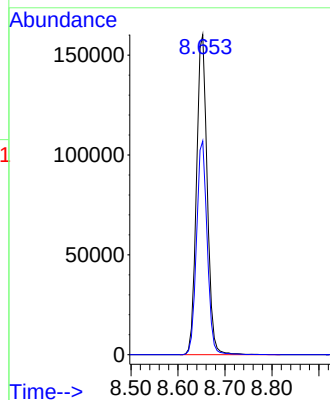
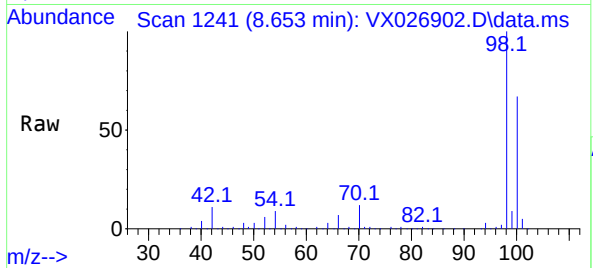




#50
Toluene-d8
Concen: 53.500 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

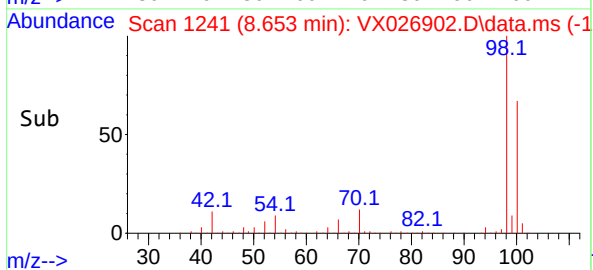
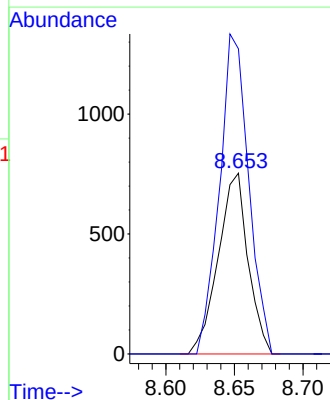
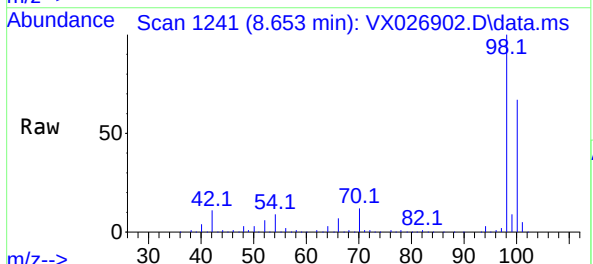
Instrument :
MSVOA_X
ClientSampleId :

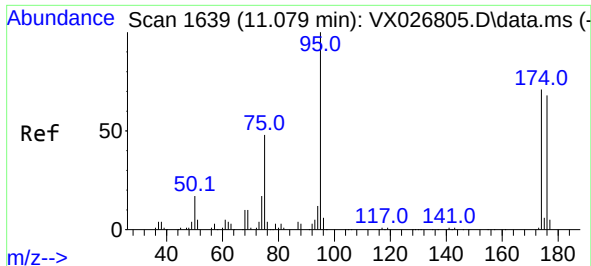
Tgt Ion: 98 Resp: 255445
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 173.0 30.5 45.7#

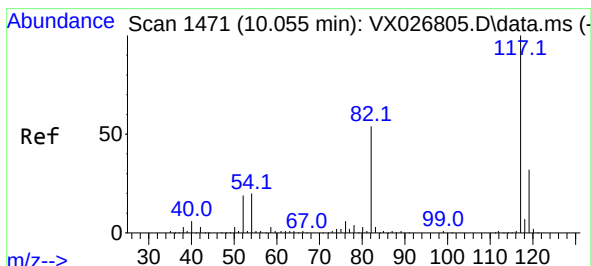
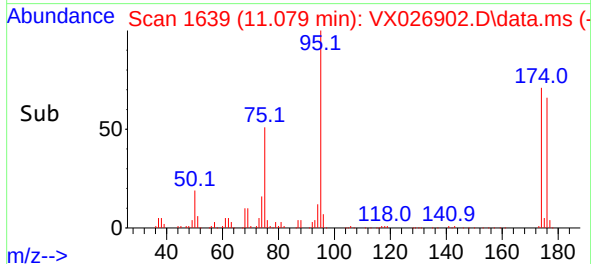
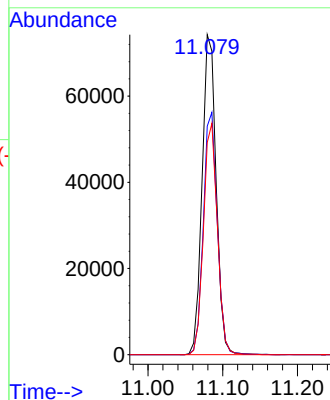
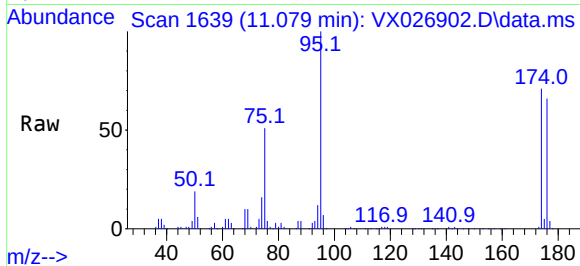




#62
4-Bromofluorobenzene
Concen: 57.532 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

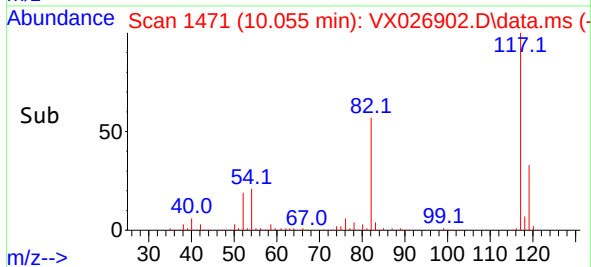
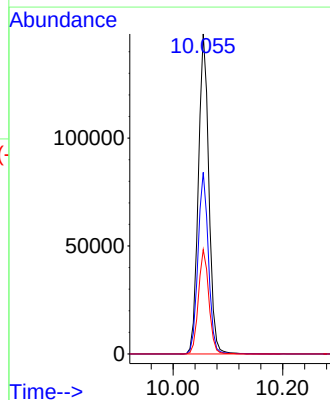
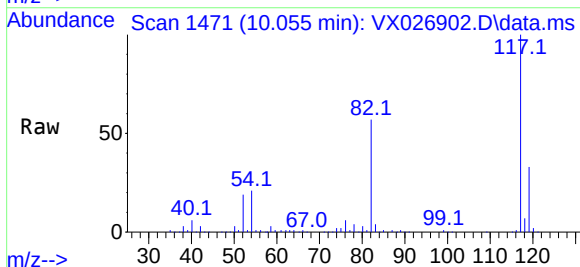
Instrument :
MSVOA_X
ClientSampleId :

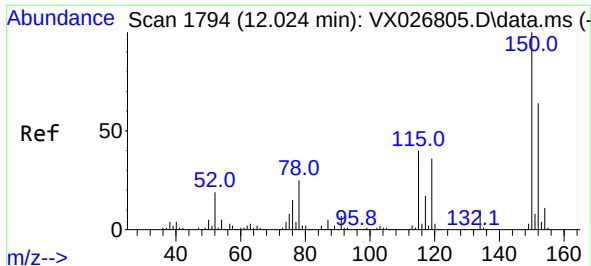
Tgt Ion: 95 Resp: 96712
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 71.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

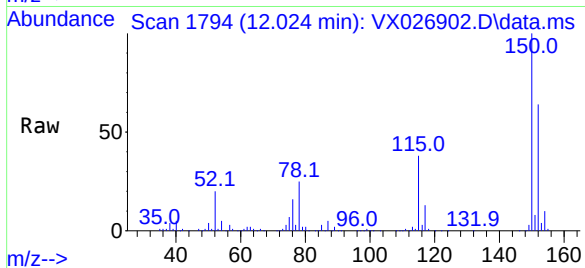
Tgt Ion: 117 Resp: 198160
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.6 26.2 39.2



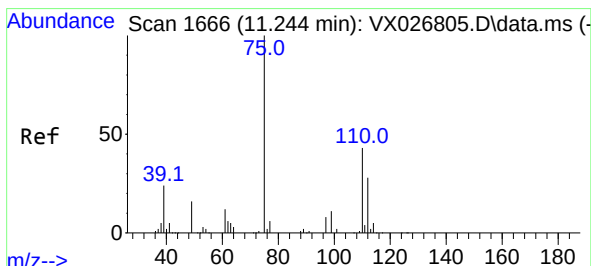
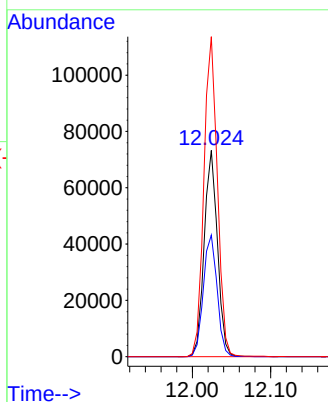
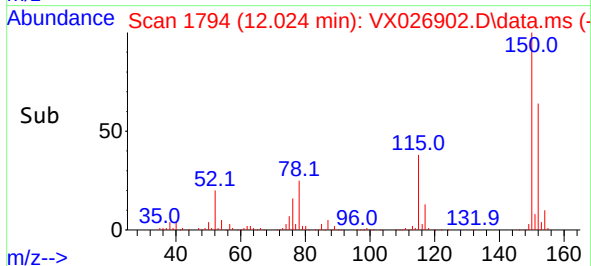


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

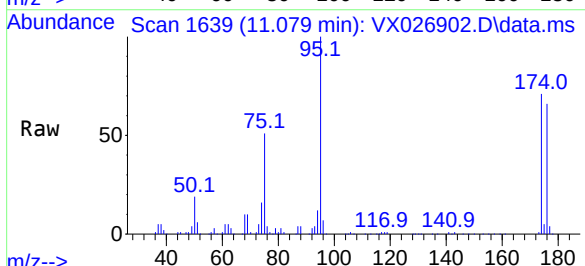
Instrument :
MSVOA_X
ClientSampleId :



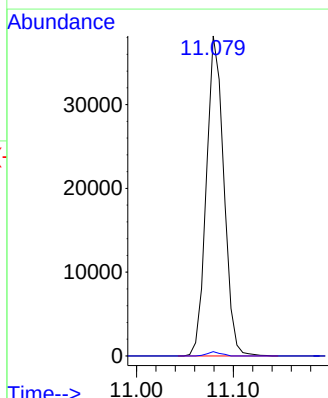
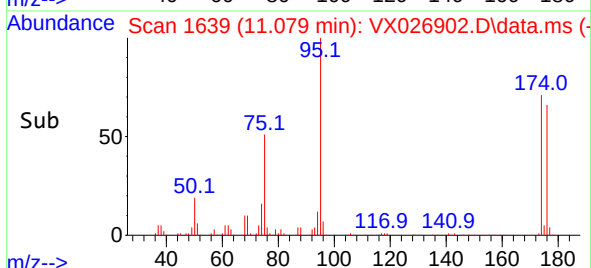
Tgt Ion:152 Resp: 85992
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 157.8 0.0 348.2

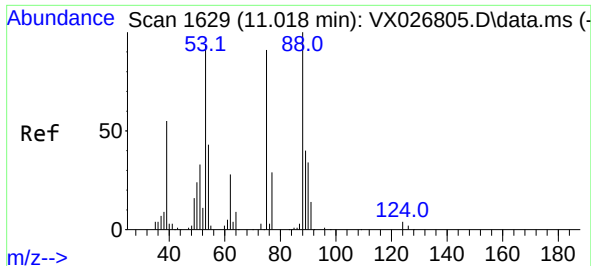


#76
1,2,3-Trichloropropane
Concen: 25.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15



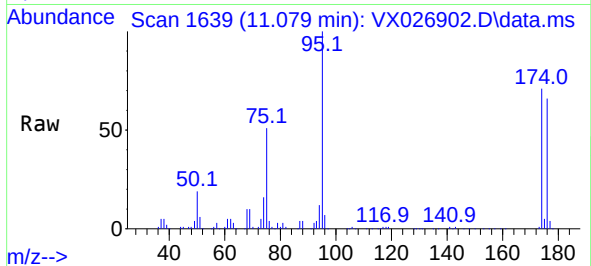
Tgt Ion: 75 Resp: 47802
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.404 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026902.D
Acq: 10 Feb 2022 05:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 47802
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

