

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027383.D
 Acq On : 10 Mar 2022 17:52
 Operator : JC/MD
 Sample : N1889-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-01

Quant Time: Mar 11 00:48:06 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)

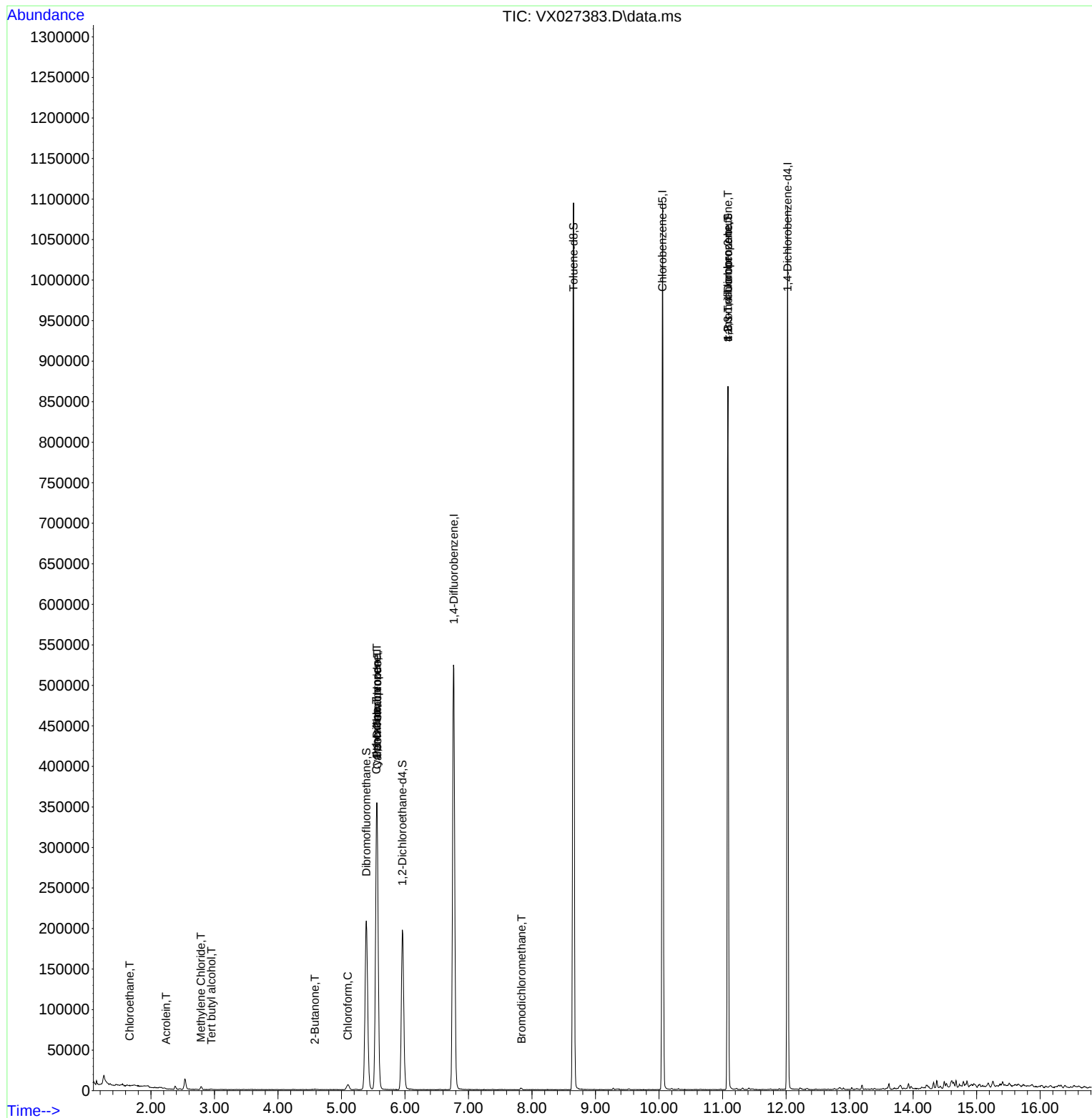
Internal Standards						
1) Pentafluorobenzene	5.556	168	367742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	591059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	532917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188457	43.945	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.900%
35) Dibromofluoromethane	5.391	113	187971	49.286	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.580%
50) Toluene-d8	8.653	98	687803	47.769	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.085	95	238805	43.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	456	Below Cal		85
6) Chloroethane	1.666	64	122	0.504 ug/l	#	80
11) Tert butyl alcohol	2.953	59	337	0.401 ug/l	#	72
13) Acrolein	2.239	56	124	0.210 ug/l	#	41
16) Acetone	2.379	43	4272	Below Cal	#	84
20) Methylene Chloride	2.788	84	1862	0.444 ug/l		92
25) 2-Butanone	4.580	43	747	0.253 ug/l		91
30) Chloroform	5.098	83	7897	1.102 ug/l		94
31) Cyclohexane	5.550	56	5697	0.950 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	23051	4.353 ug/l	#	50
38) Carbon Tetrachloride	5.562	117	34553	6.310 ug/l	#	15
47) Bromodichloromethane	7.836	83	1439	0.271 ug/l	#	96
76) 1,2,3-Trichloropropane	11.085	75	107807	20.818 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	107807	67.326 ug/l	#	15

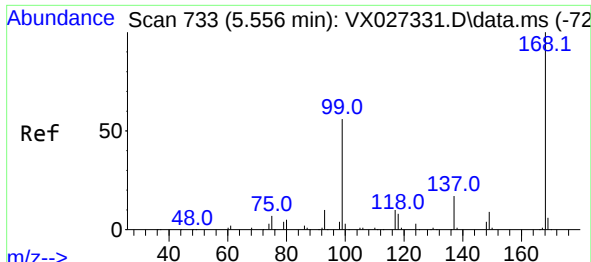
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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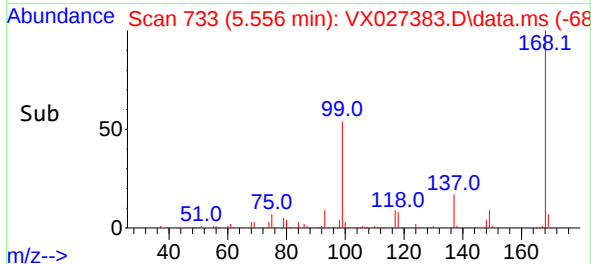
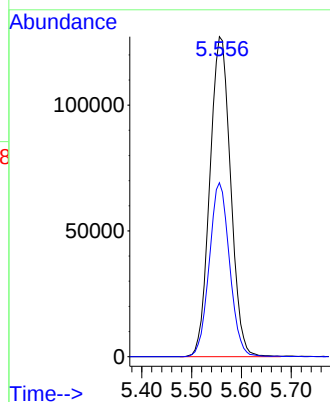
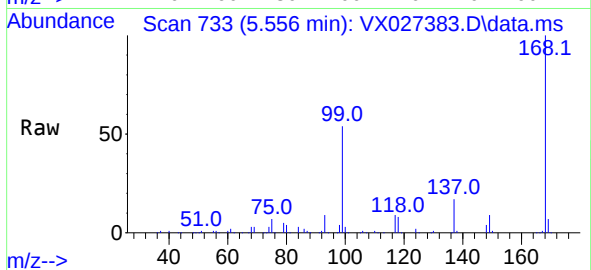




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

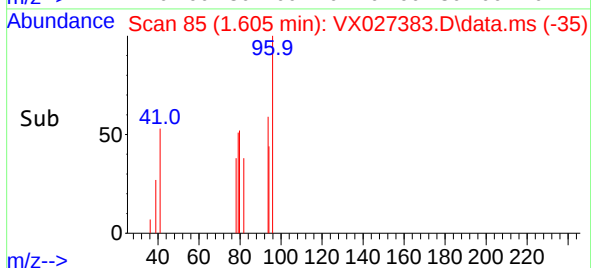
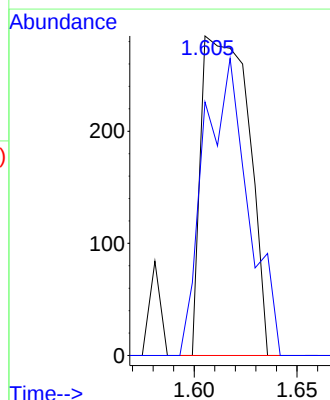
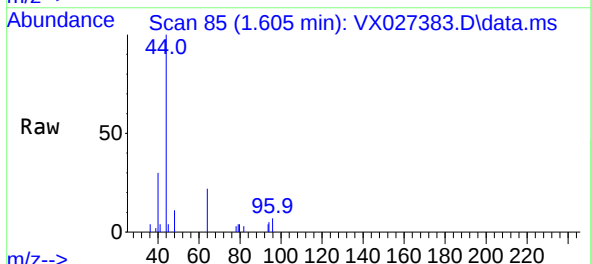
Instrument :
MSVOA_X
ClientSampleId :
TW-01

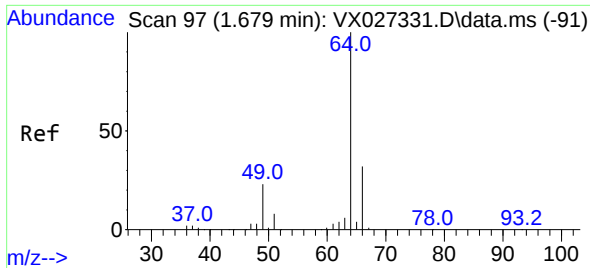
Tgt Ion:168 Resp: 367742
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 79.3 75.3 112.9

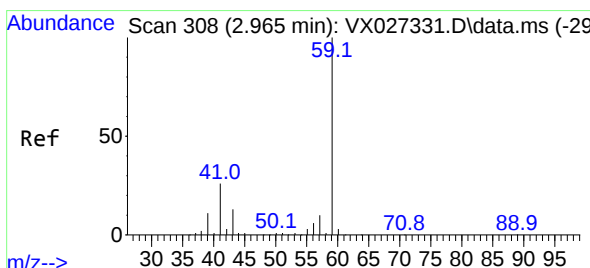
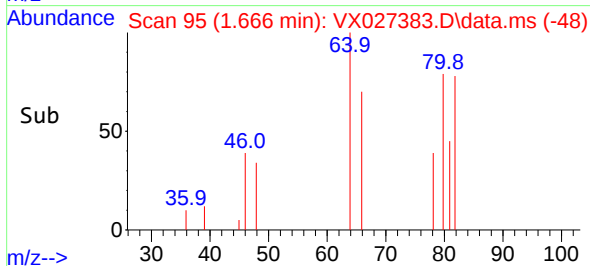
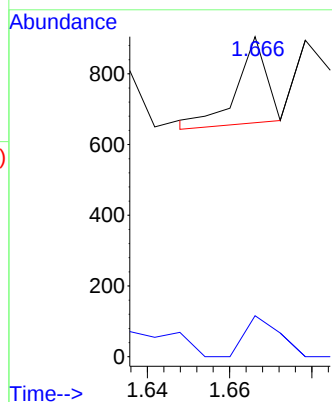
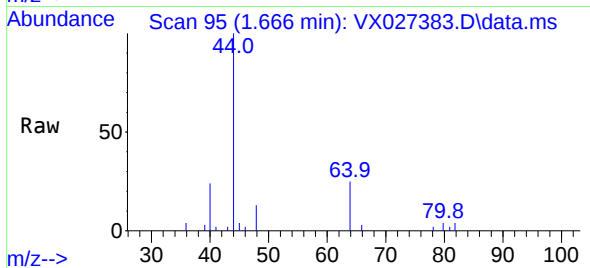




#6
Chloroethane
Concen: 0.504 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

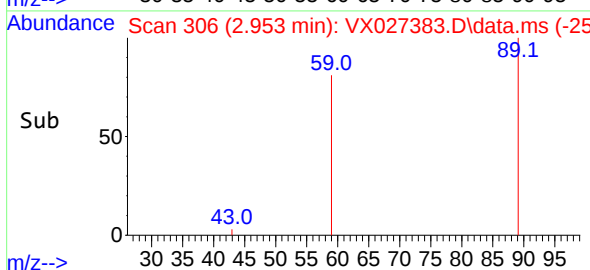
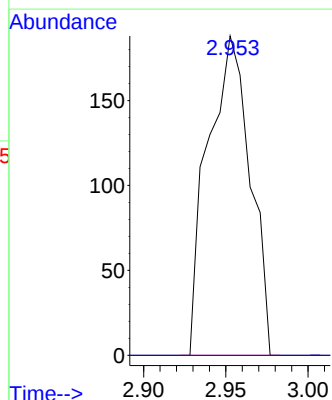
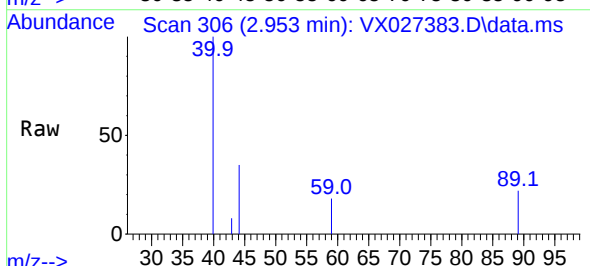
Instrument :
MSVOA_X
ClientSampleId :
TW-01

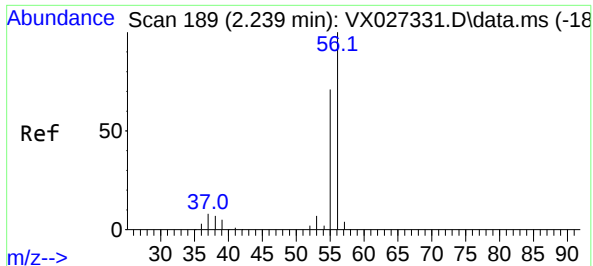
Tgt Ion: 64 Resp: 122
Ion Ratio Lower Upper
64 100
66 20.7 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.401 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

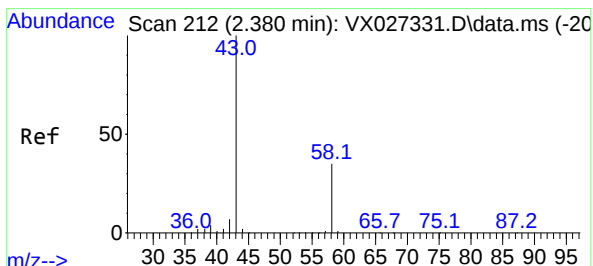
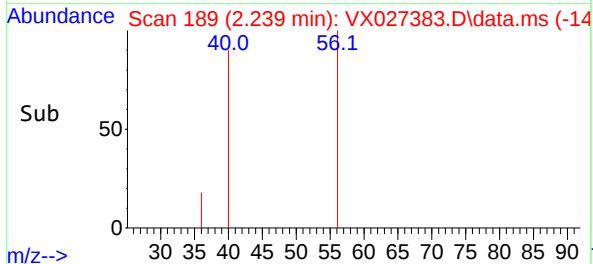
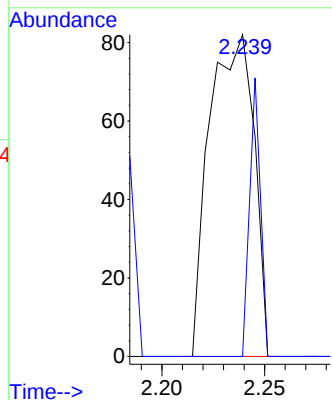
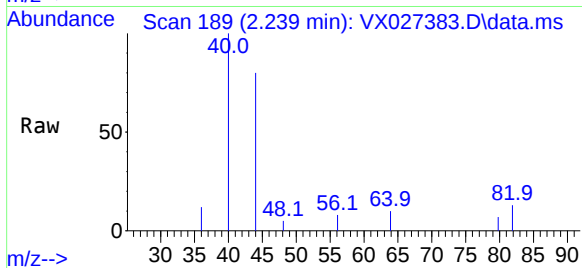




#13
Acrolein
Concen: 0.210 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

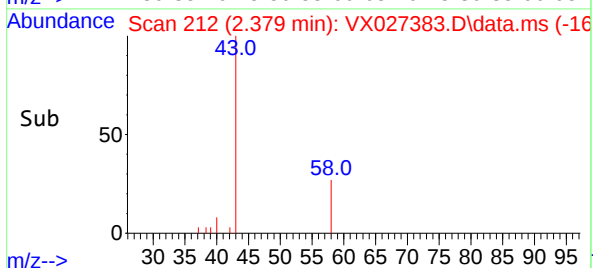
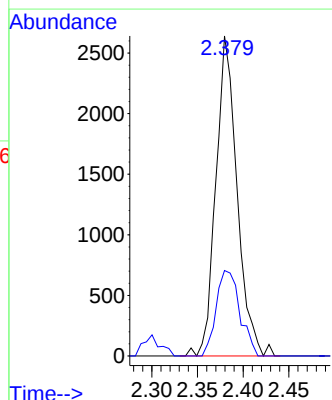
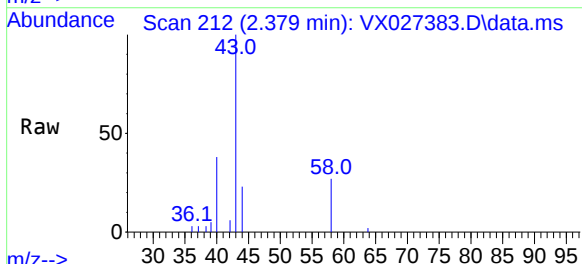
Instrument :
MSVOA_X
ClientSampleId :
TW-01

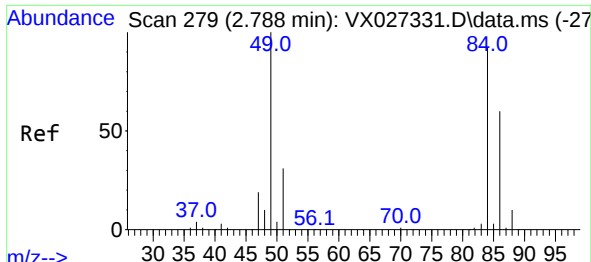
Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 21.0 55.0 82.6#



#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

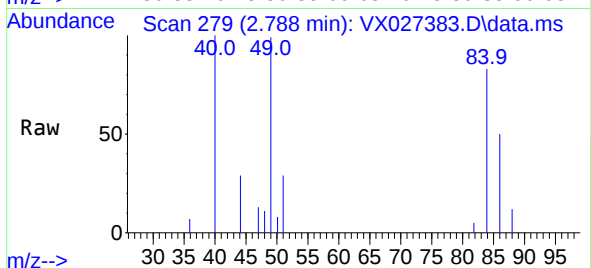
Tgt Ion: 43 Resp: 4272
Ion Ratio Lower Upper
43 100
58 26.7 28.8 43.2#



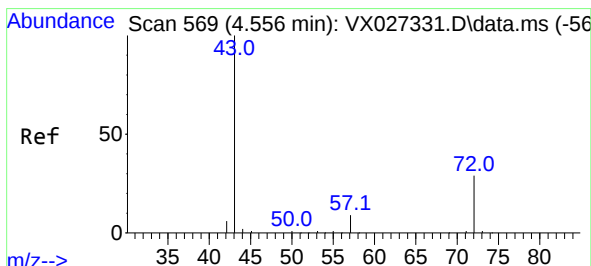
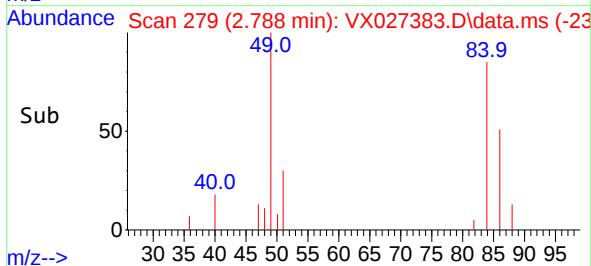
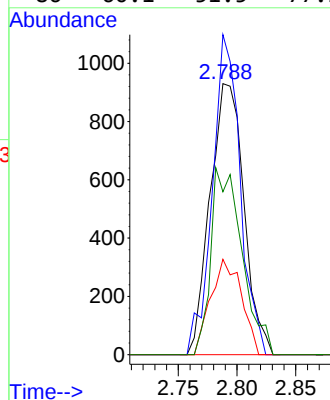


#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
TW-01

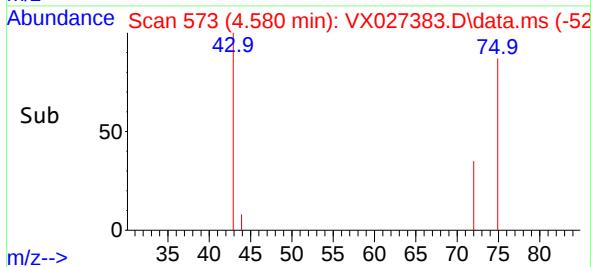
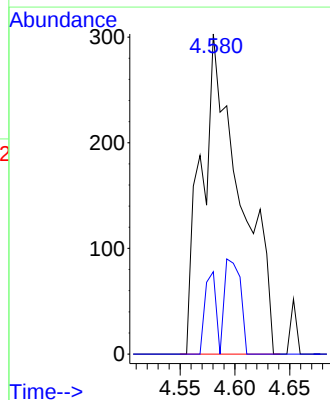
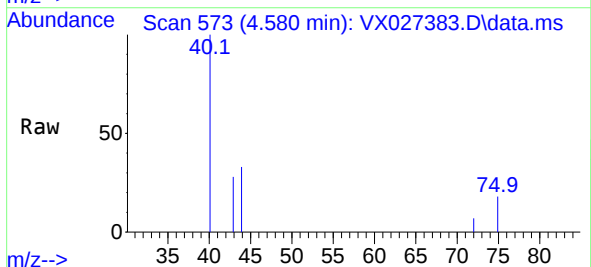


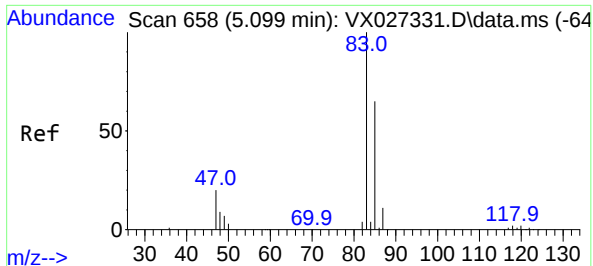
Tgt Ion: 84	Resp: 1862
Ion Ratio	Lower Upper
84 100	
49 118.1	85.5 128.3
51 35.2	26.6 39.8
86 60.1	51.5 77.3



#25
2-Butanone
Concen: 0.253 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion: 43	Resp: 747		
Ion Ratio	Lower	Upper	
43 100			
72 25.7	24.4	36.6	





#30

Chloroform

Concen: 1.102 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX027383.D

Acq: 10 Mar 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

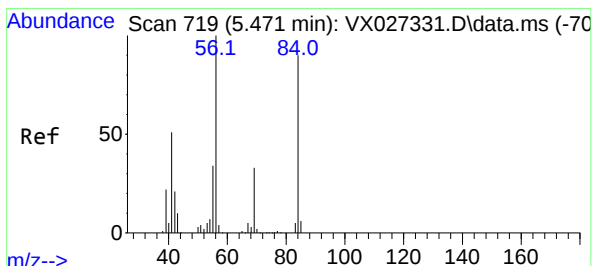
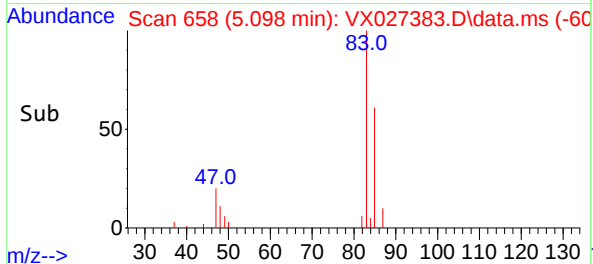
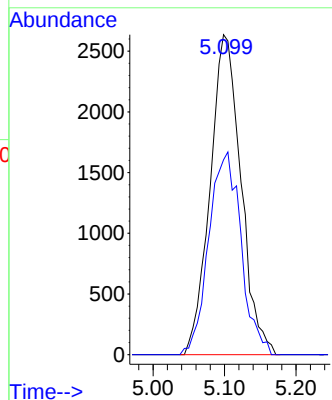
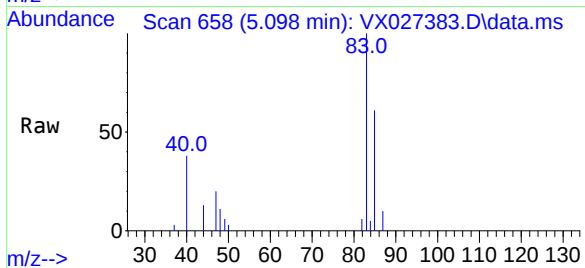
TW-01

Tgt Ion: 83 Resp: 7897

Ion Ratio Lower Upper

83 100

85 60.9 52.7 79.1



#31

Cyclohexane

Concen: 0.950 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX027383.D

Acq: 10 Mar 2022 17:52

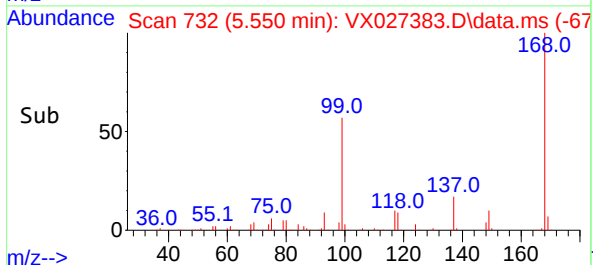
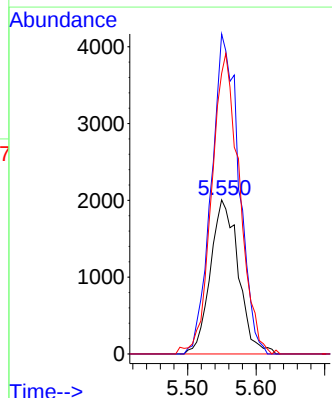
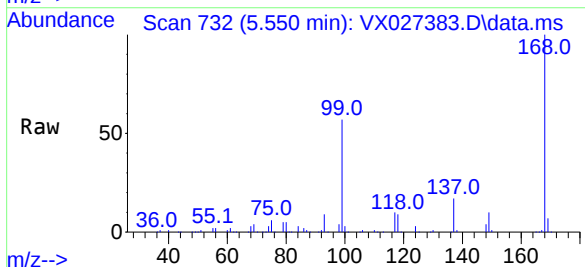
Tgt Ion: 56 Resp: 5697

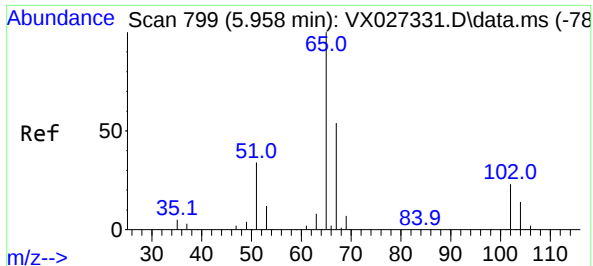
Ion Ratio Lower Upper

56 100

69 207.6 26.7 40.1#

84 182.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.945 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027383.D

Acq: 10 Mar 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

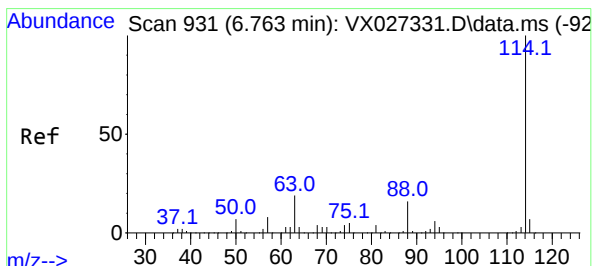
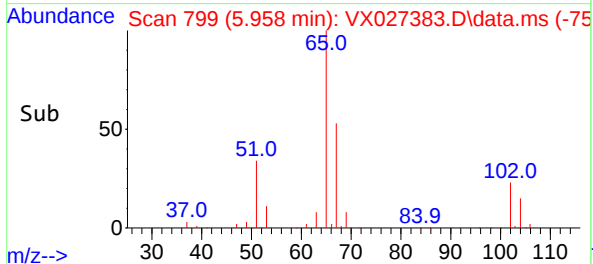
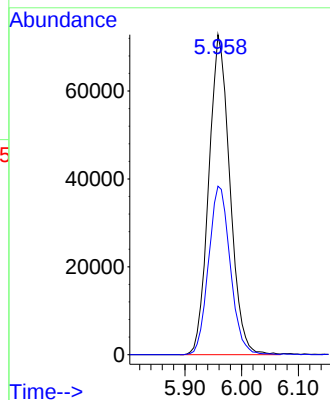
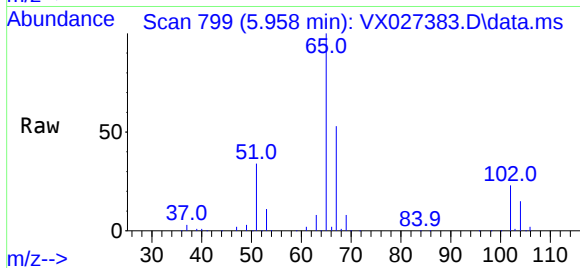
TW-01

Tgt Ion: 65 Resp: 188457

Ion Ratio Lower Upper

65 100

67 54.0 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: VX027383.D

Acq: 10 Mar 2022 17:52

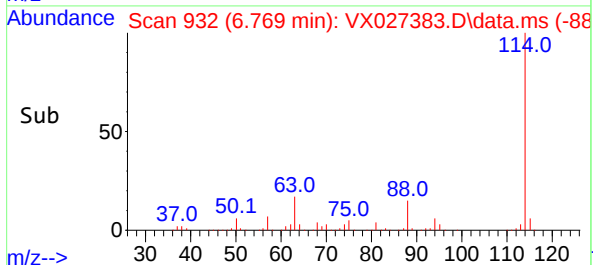
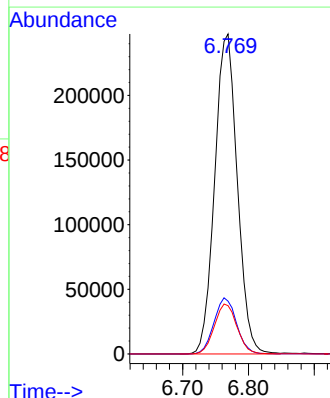
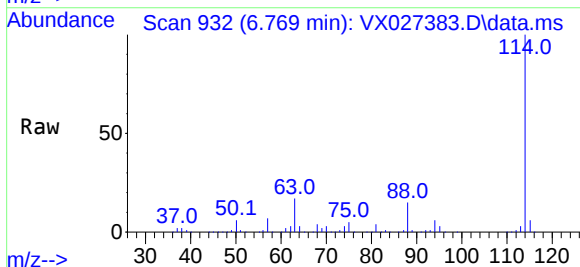
Tgt Ion: 114 Resp: 591059

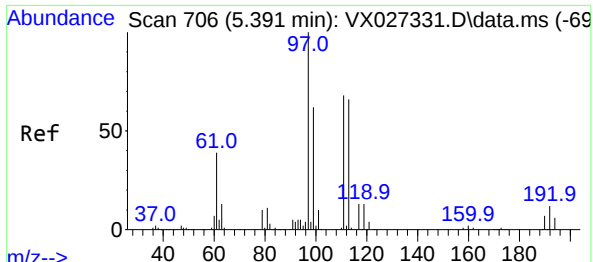
Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.8

88 15.1 0.0 32.4

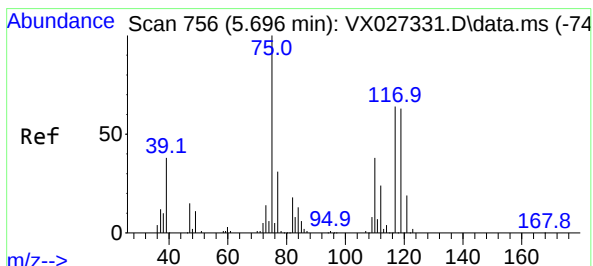
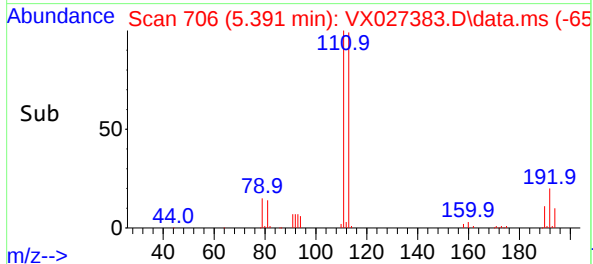
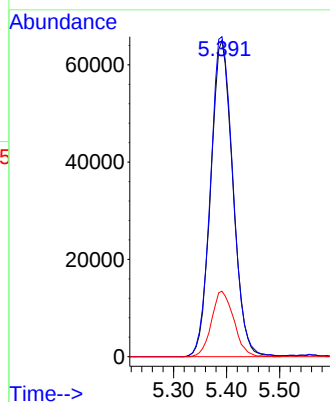
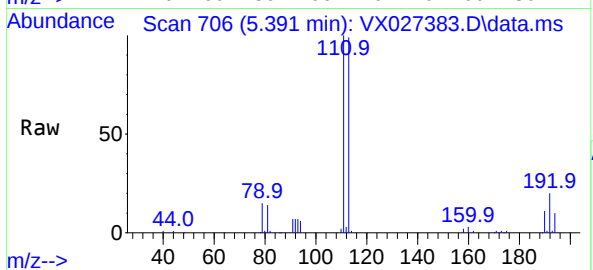




#35
Dibromofluoromethane
Concen: 49.286 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

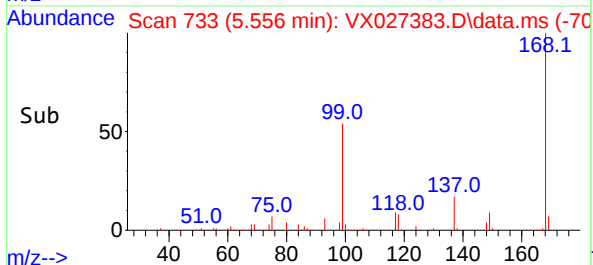
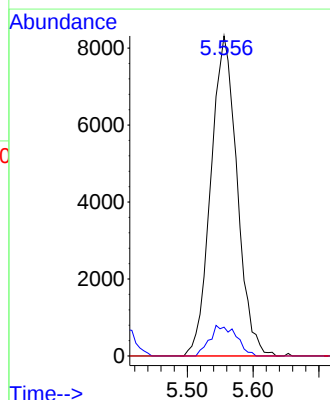
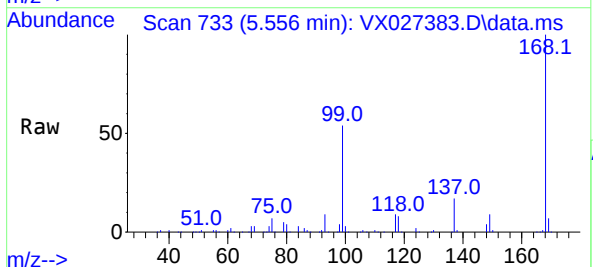
Instrument :
MSVOA_X
ClientSampleId :
TW-01

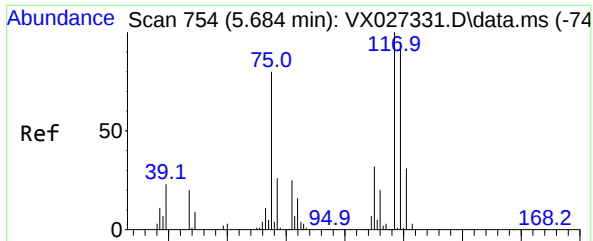
Tgt Ion:113 Resp: 187971
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

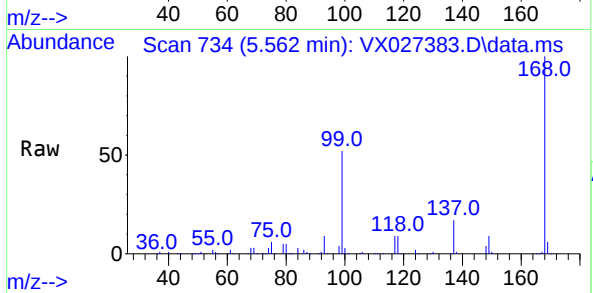
Tgt Ion: 75 Resp: 23051
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



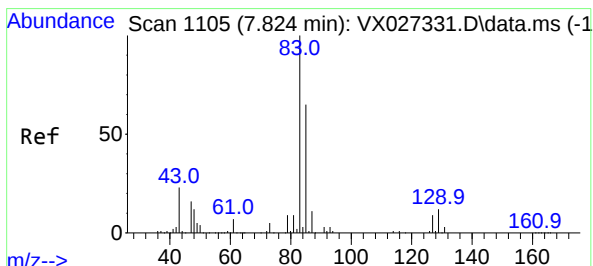
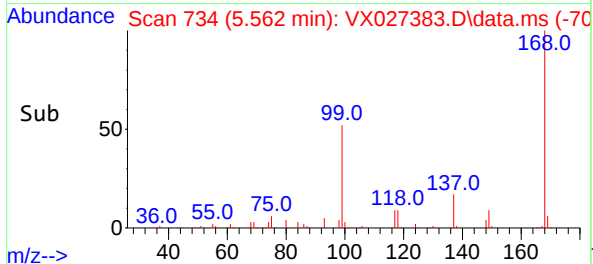
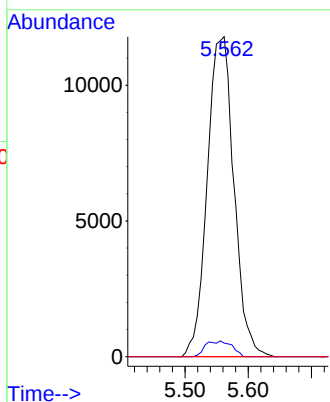


#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
TW-01

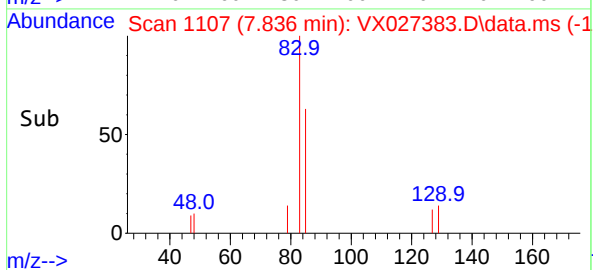
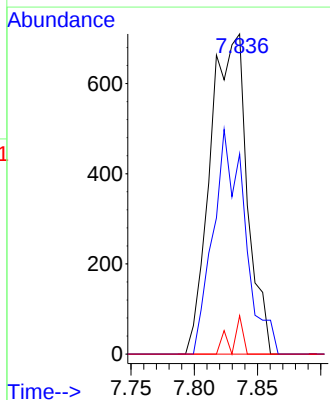
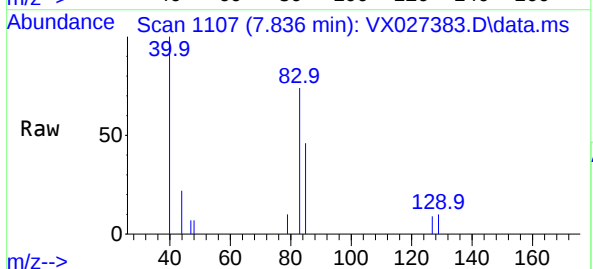


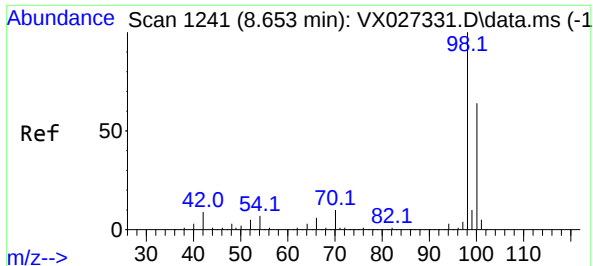
Tgt Ion:117 Resp: 34553
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#47
Bromodichloromethane
Concen: 0.271 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion: 83 Resp: 1439
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.2
127 12.0 6.8 10.2#

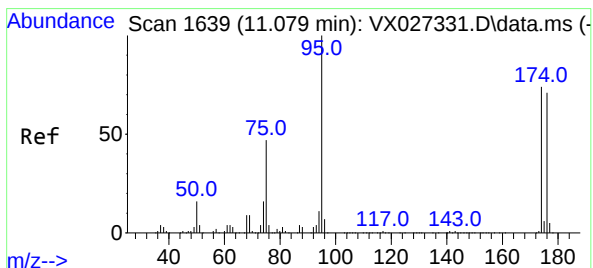
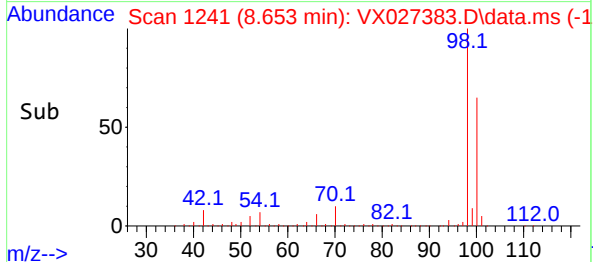
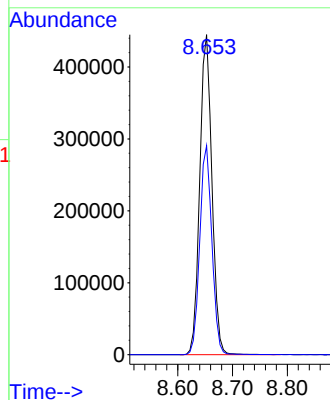
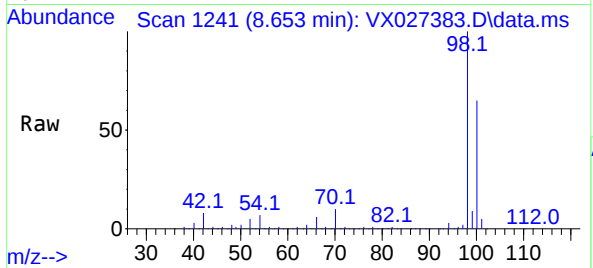




#50
Toluene-d8
Concen: 47.769 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

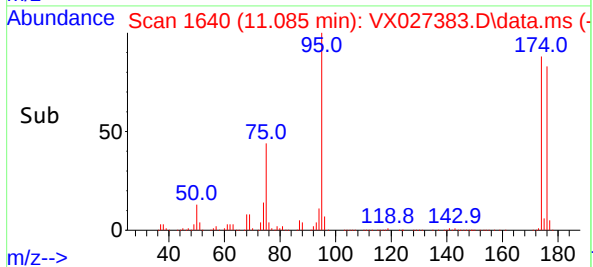
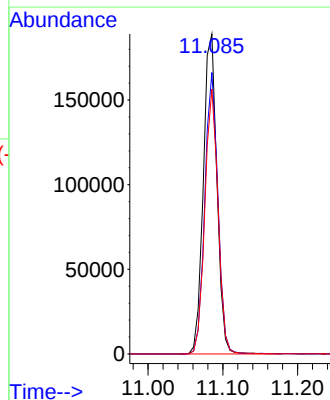
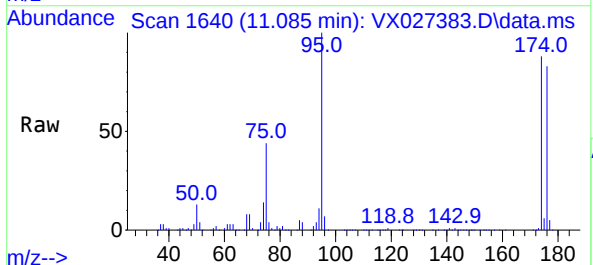
Instrument :
MSVOA_X
ClientSampleId :
TW-01

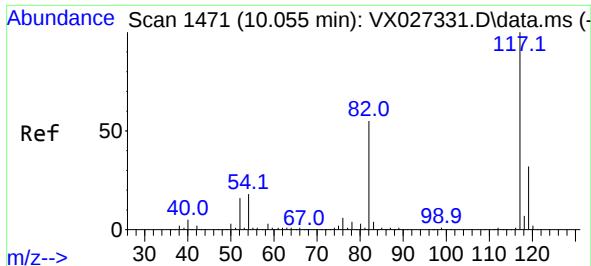
Tgt Ion: 98 Resp: 687803
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.517 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion: 95 Resp: 238805
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 80.7 0.0 155.0

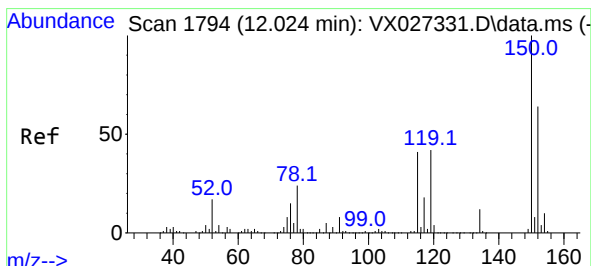
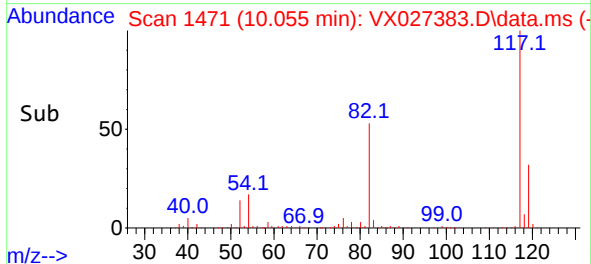
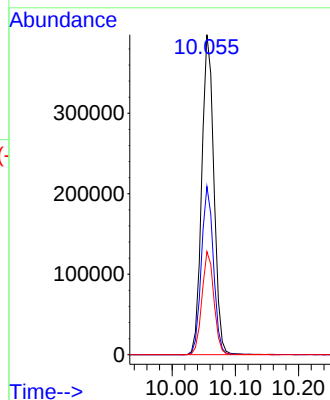
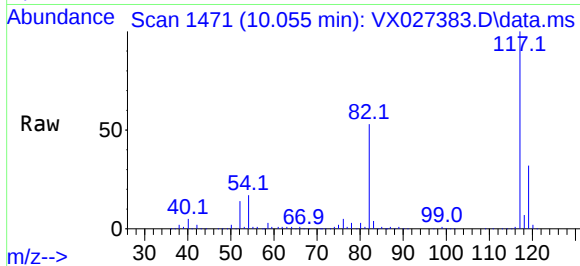




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

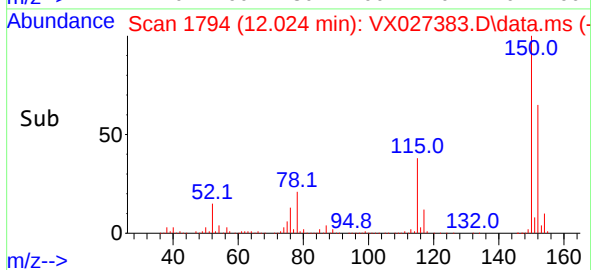
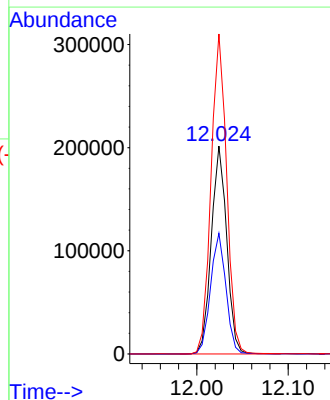
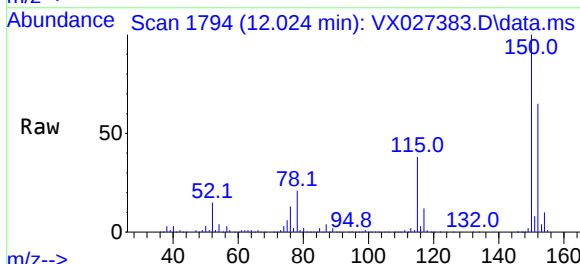
Instrument :
MSVOA_X
ClientSampleId :
TW-01

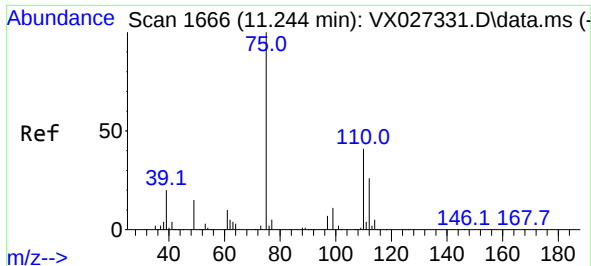
Tgt Ion:117 Resp: 532917
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion:152 Resp: 236035
Ion Ratio Lower Upper
152 100
115 58.0 37.5 112.7
150 155.3 0.0 338.2

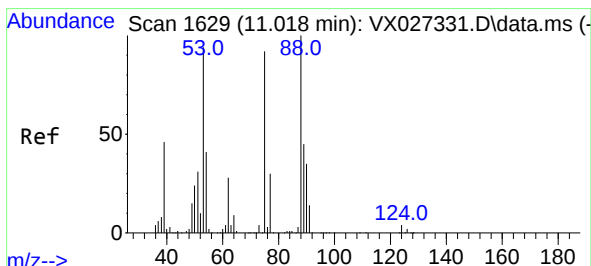
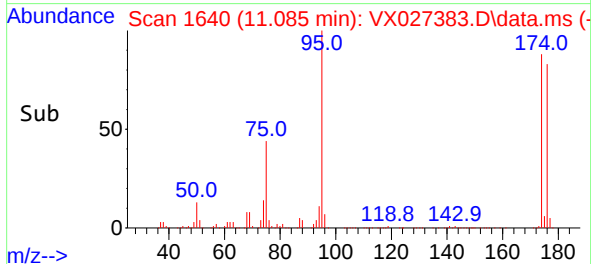
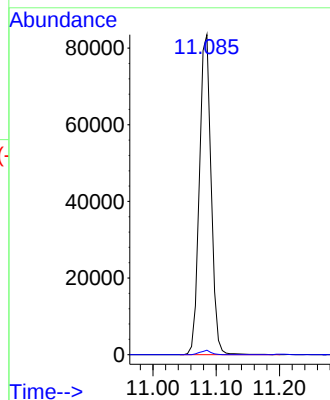
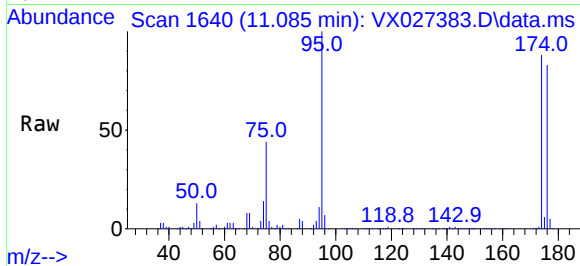




#76
1,2,3-Trichloropropane
Concen: 20.818 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
TW-01

Tgt Ion: 75 Resp: 107807
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027383.D
Acq: 10 Mar 2022 17:52

Tgt Ion: 75 Resp: 107807
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

