

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027258.D
 Acq On : 01 Mar 2022 19:01
 Operator : JC/MD
 Sample : N1725-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

Quant Time: Mar 02 00:37:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

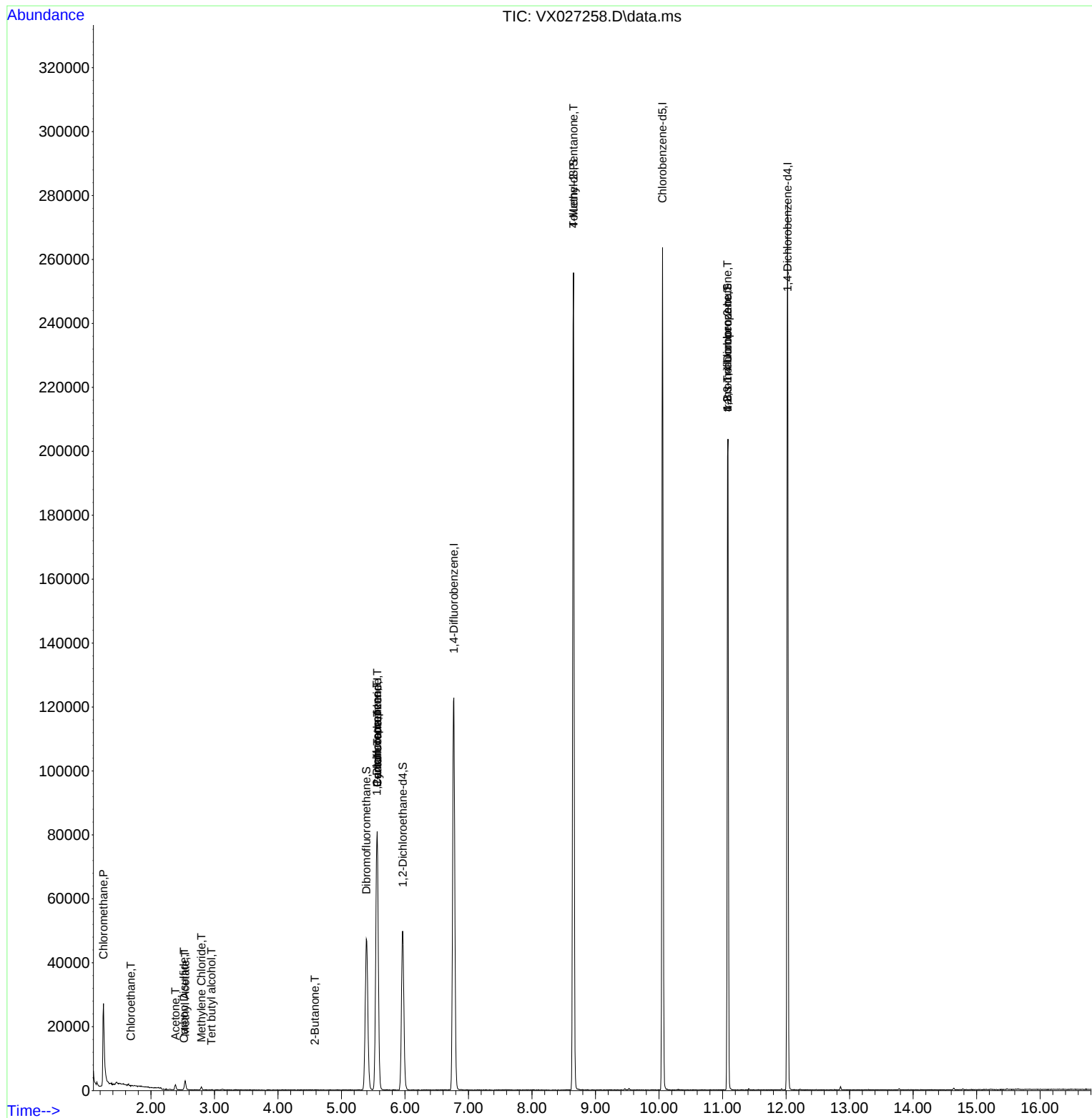
Internal Standards						
1) Pentafluorobenzene	5.562	168	78897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48706	51.402	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.800%	
35) Dibromofluoromethane	5.391	113	41741	50.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	8.653	98	153298	49.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.079	95	57092	48.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	687	0.937	ug/l #	42
6) Chloroethane	1.685	64	137	0.306	ug/l #	43
11) Tert butyl alcohol	2.953	59	50	0.271	ug/l #	75
16) Acetone	2.386	43	1800	4.327	ug/l	98
17) Carbon Disulfide	2.520	76	455	0.228	ug/l #	74
18) Methyl Acetate	2.538	43	666	0.620	ug/l #	53
20) Methylene Chloride	2.794	84	367	0.426	ug/l #	78
25) 2-Butanone	4.580	43	228	0.344	ug/l #	50
31) Cyclohexane	5.562	56	1374	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5479	4.549	ug/l #	51
38) Carbon Tetrachloride	5.562	117	7858	6.256	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	560	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	27871	24.251	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	27871	68.832	ug/l #	3

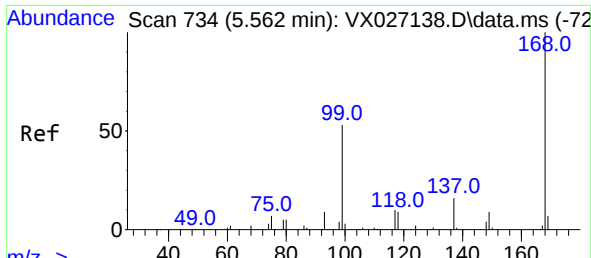
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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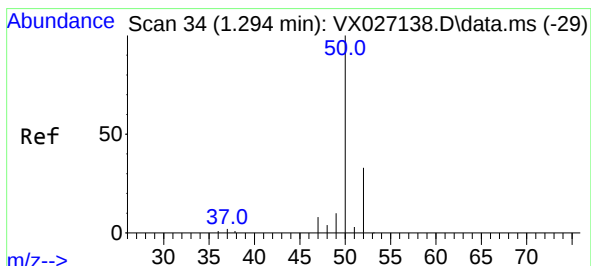
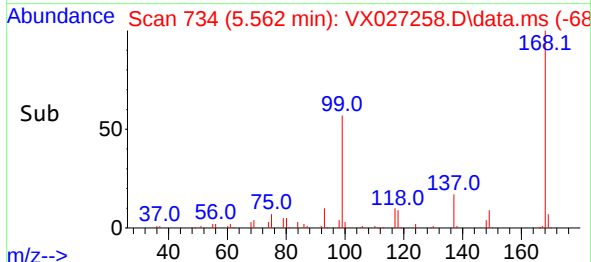
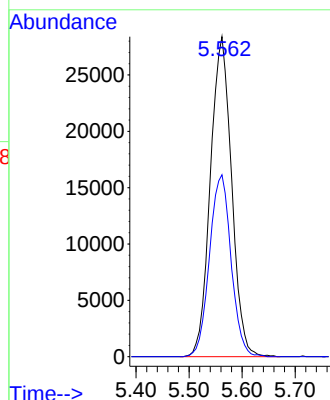
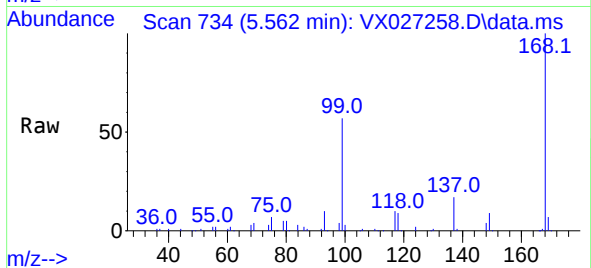




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

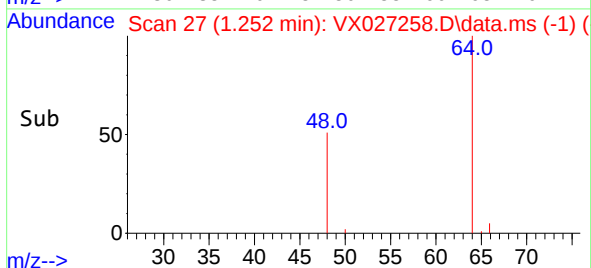
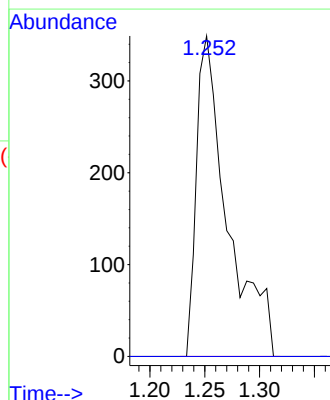
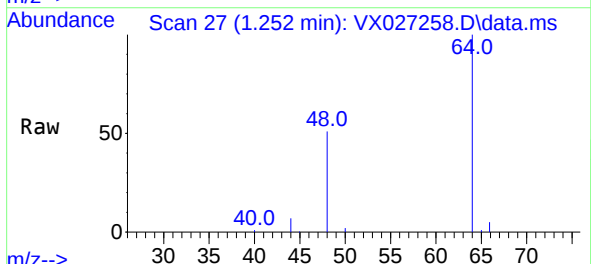
Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:168 Resp: 78897
Ion Ratio Lower Upper
168 100
99 56.9 50.3 75.5

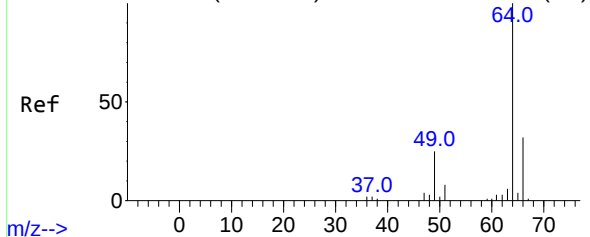


#3
Chloromethane
Concen: 0.937 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 50 Resp: 687
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6

Chloroethane

Concen: 0.306 ug/l

RT: 1.685 min Scan# 91

Delta R.T. 0.007 min

Lab File: VX027258.D

Acq: 01 Mar 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

MW-02

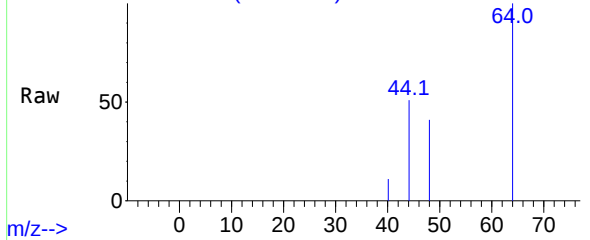
Tgt Ion: 64 Resp: 137

Ion Ratio Lower Upper

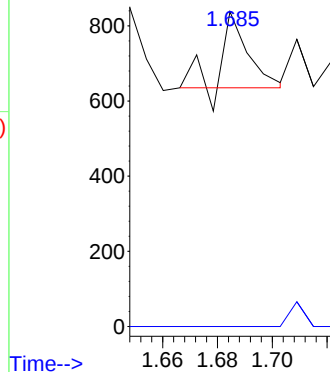
64 100

66 0.0 25.4 38.2#

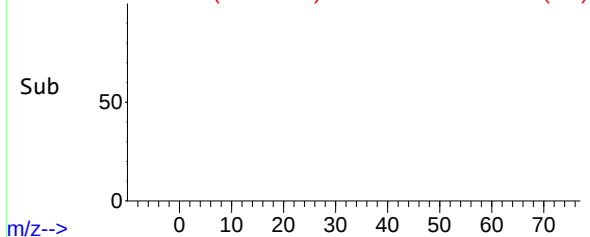
Abundance Scan 98 (1.685 min): VX027258.D\data.ms



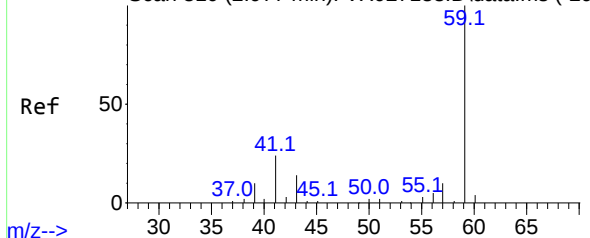
Abundance



Abundance Scan 98 (1.685 min): VX027258.D\data.ms (-48)



Abundance Scan 310 (2.977 min): VX027138.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 0.271 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX027258.D

Acq: 01 Mar 2022 19:01

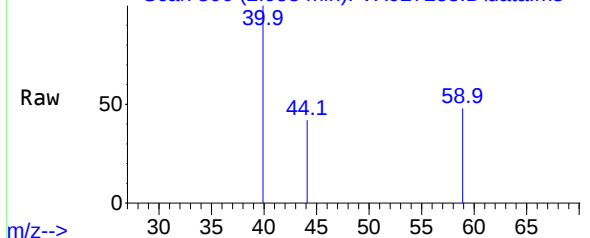
Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

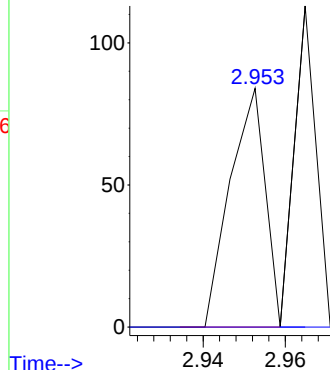
59 100

57 0.0 7.2 10.8#

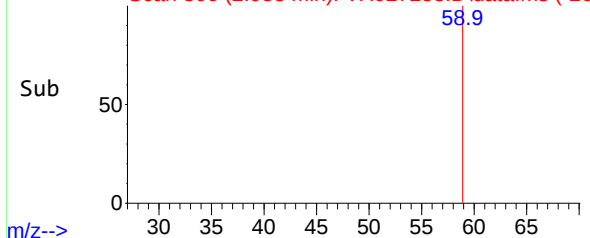
Abundance Scan 306 (2.953 min): VX027258.D\data.ms

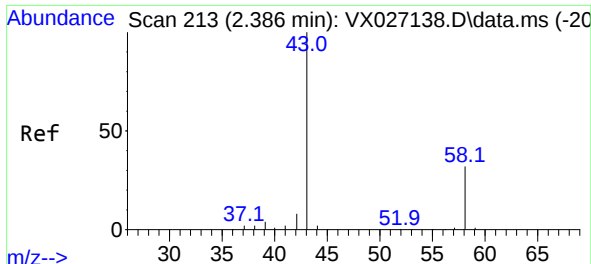


Abundance



Abundance Scan 306 (2.953 min): VX027258.D\data.ms (-26)

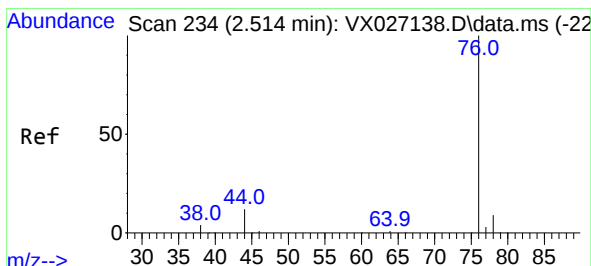
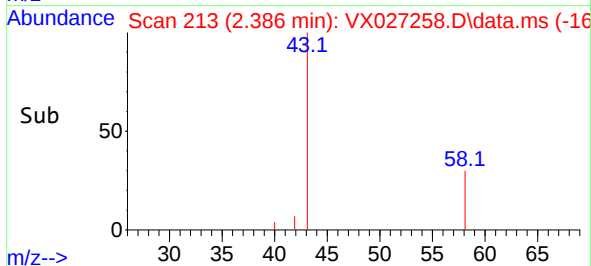
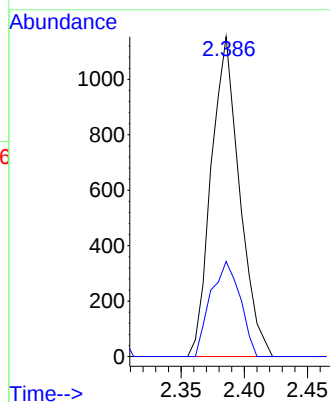
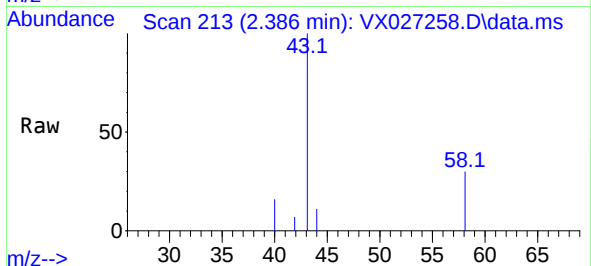




#16
Acetone
Concen: 4.327 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

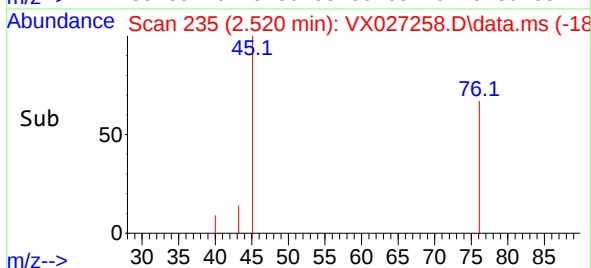
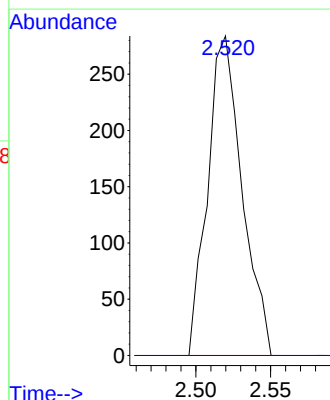
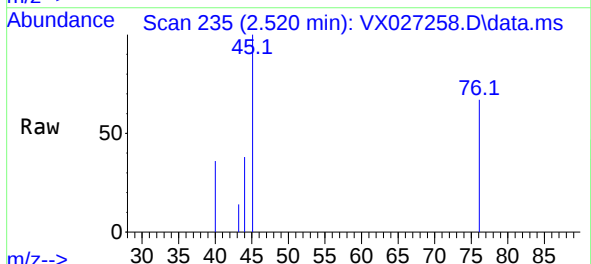
Instrument : MSVOA_X
ClientSampleId : MW-02

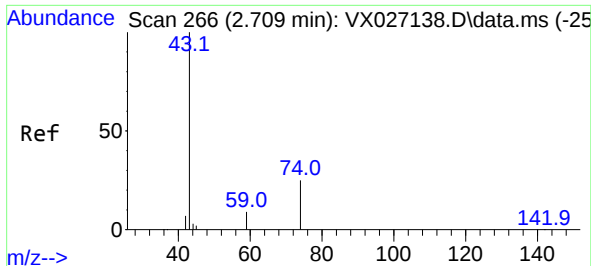
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 29.7 23.0 34.6



#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 76 Resp: 455
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

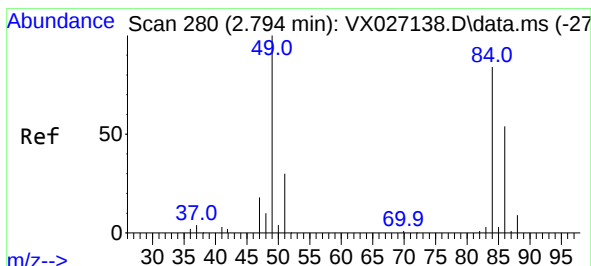
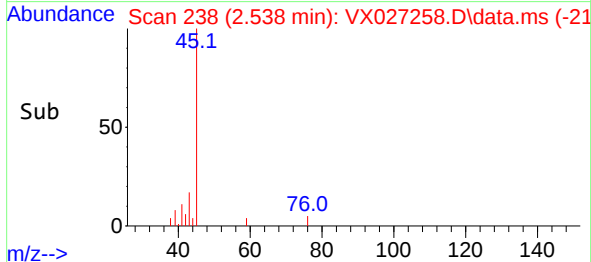
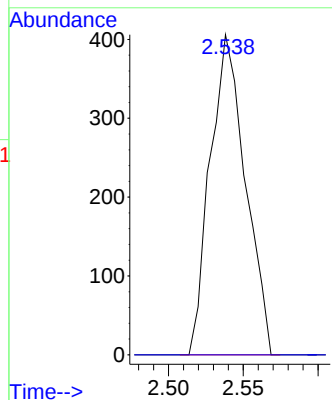
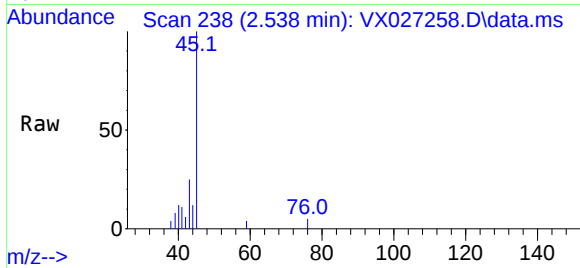




#18
Methyl Acetate
Concen: 0.620 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

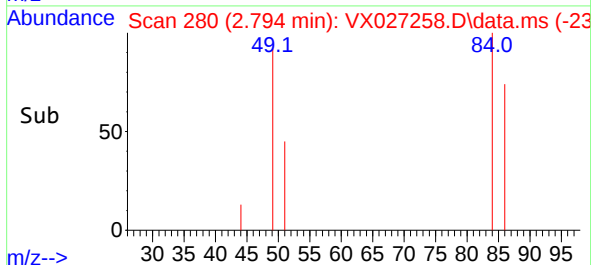
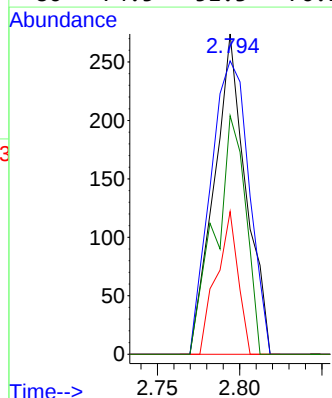
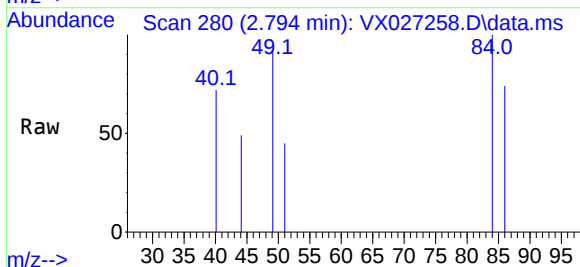
Instrument :
MSVOA_X
ClientSampleId :
MW-02

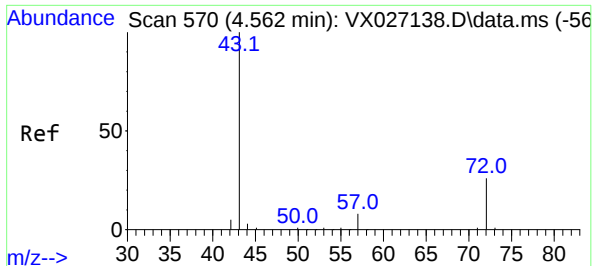
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 84 Resp: 367
Ion Ratio Lower Upper
84 100
49 91.6 101.5 152.3#
51 44.5 31.2 46.8
86 74.5 51.3 76.9





#25

2-Butanone

Concen: 0.344 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027258.D

Acq: 01 Mar 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

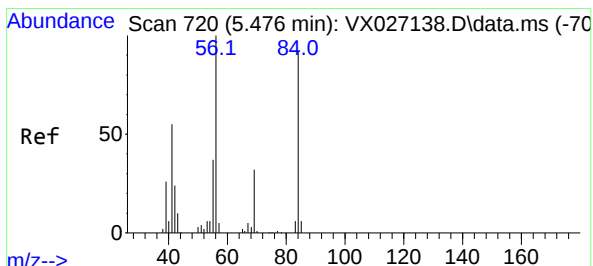
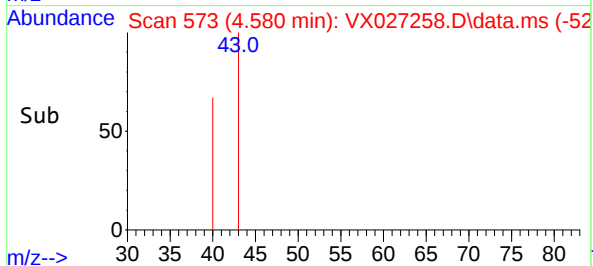
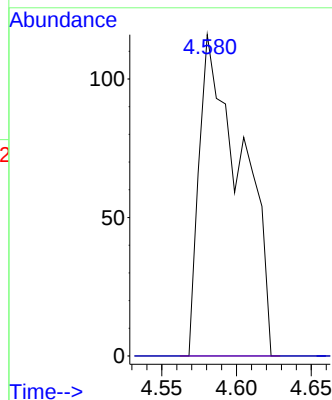
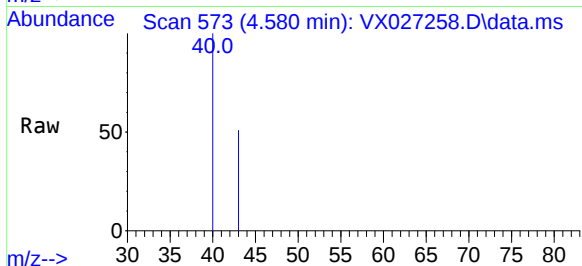
MW-02

Tgt Ion: 43 Resp: 228

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 0.968 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027258.D

Acq: 01 Mar 2022 19:01

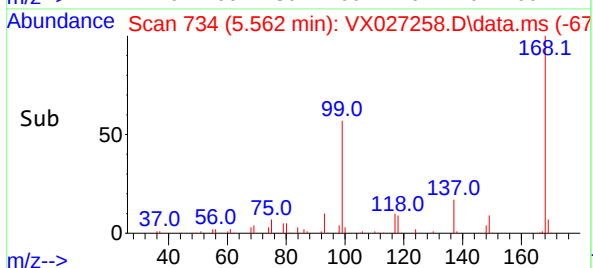
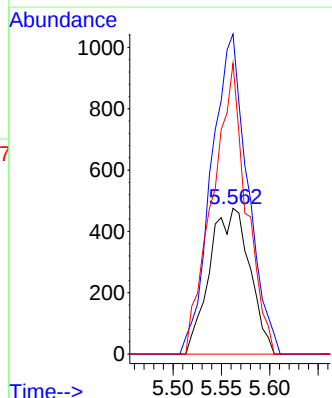
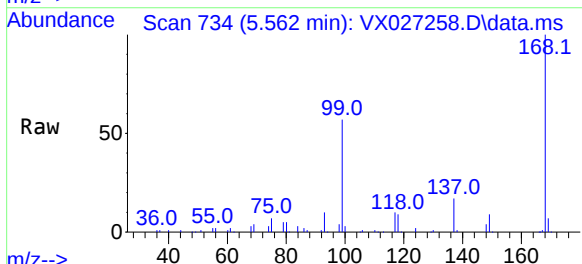
Tgt Ion: 56 Resp: 1374

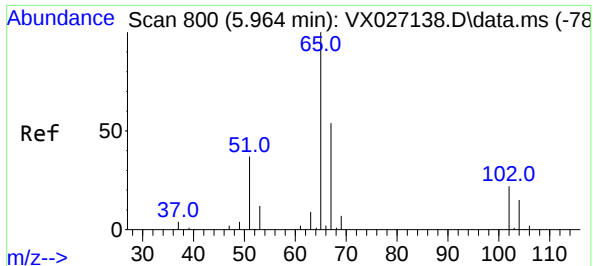
Ion Ratio Lower Upper

56 100

69 219.8 25.8 38.6#

84 199.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.402 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027258.D

Acq: 01 Mar 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

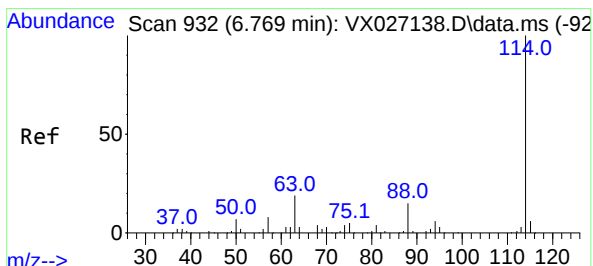
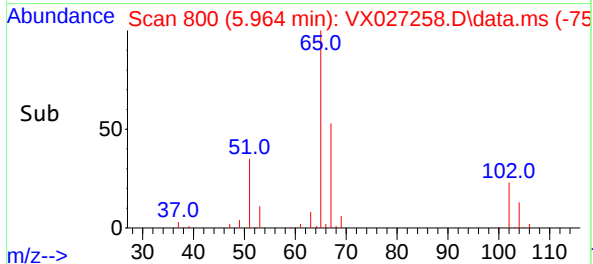
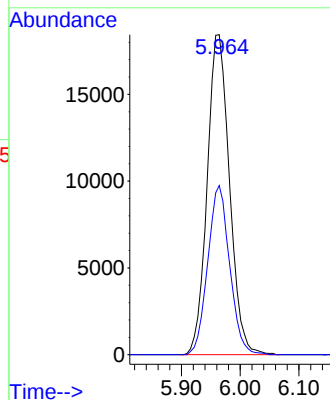
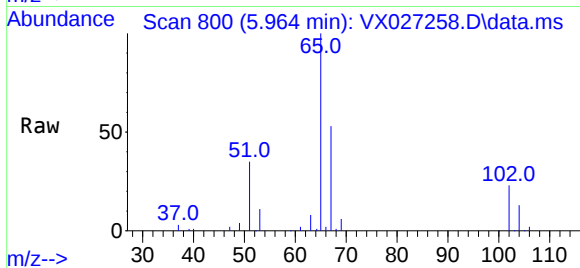
MW-02

Tgt Ion: 65 Resp: 48706

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027258.D

Acq: 01 Mar 2022 19:01

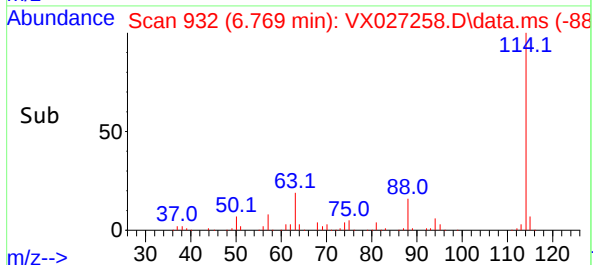
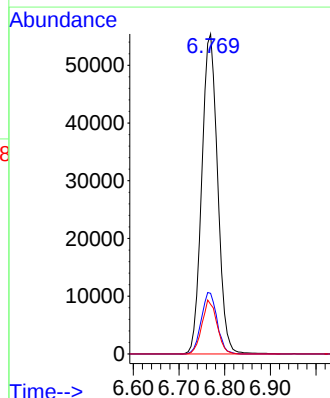
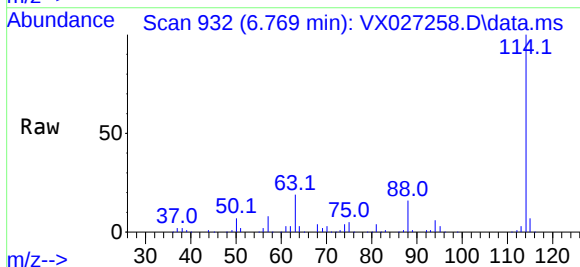
Tgt Ion: 114 Resp: 132951

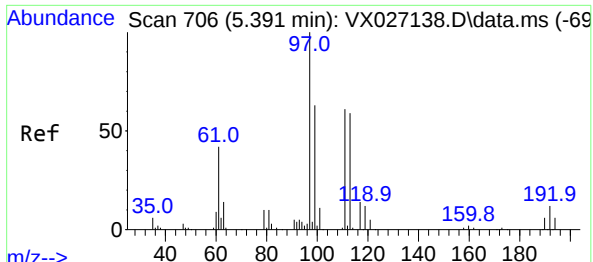
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.8

88 15.5 0.0 33.0



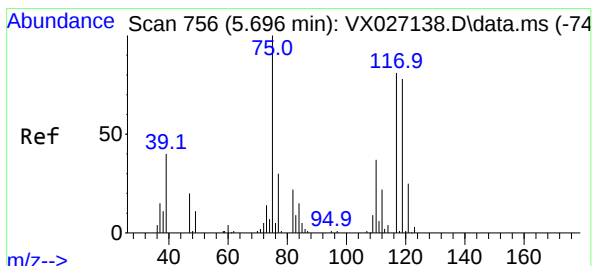
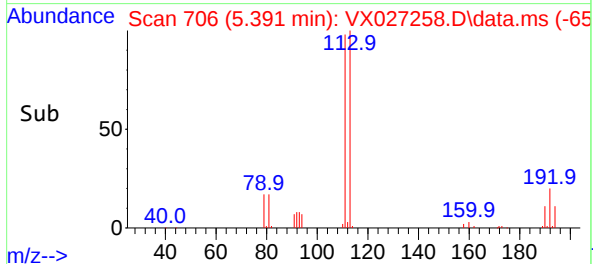
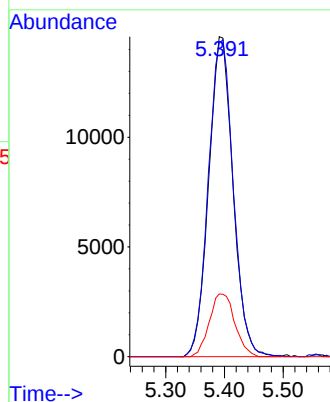
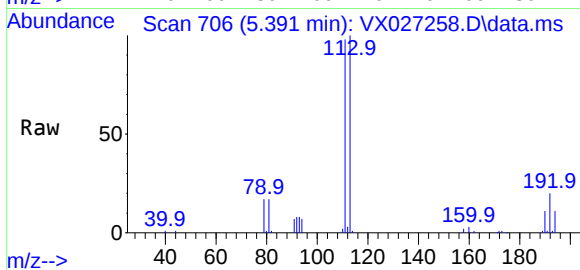


#35
Dibromofluoromethane
Concen: 50.580 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:113 Resp: 41741

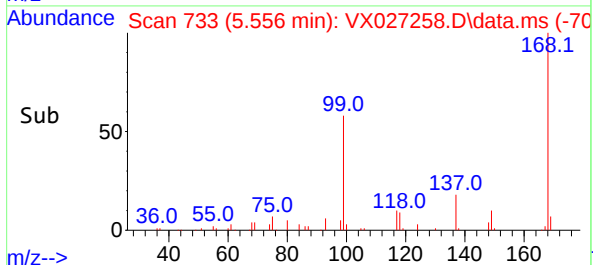
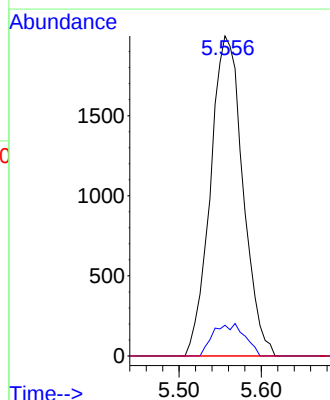
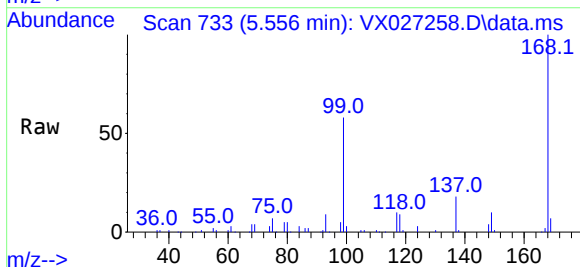
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	20.6	15.0	22.4

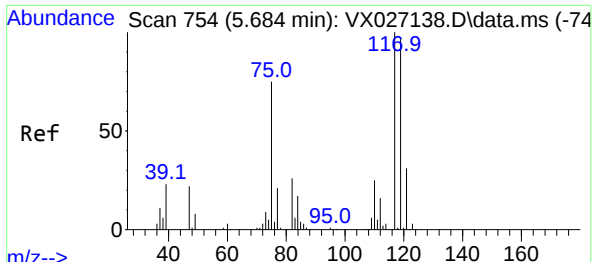


#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 75 Resp: 5479

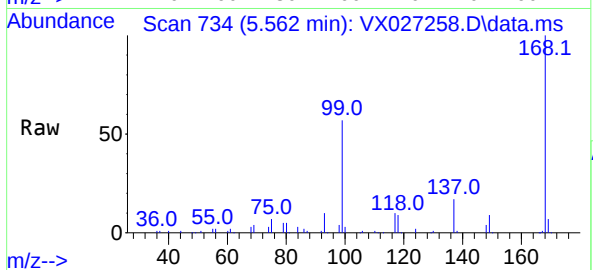
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.2	51.6#
77	0.0	24.6	36.8#



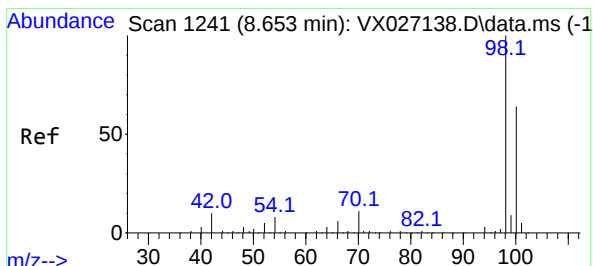
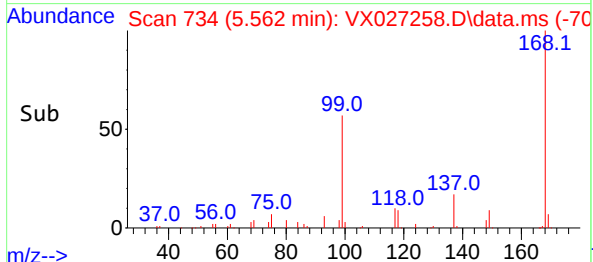
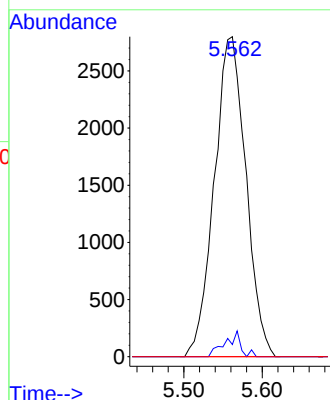


#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-02

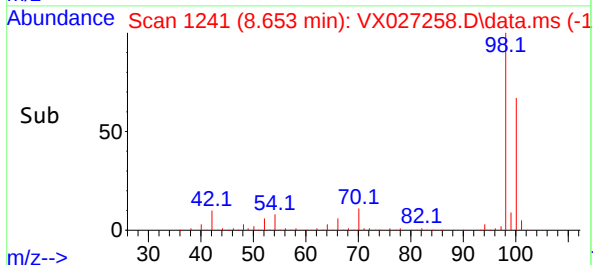
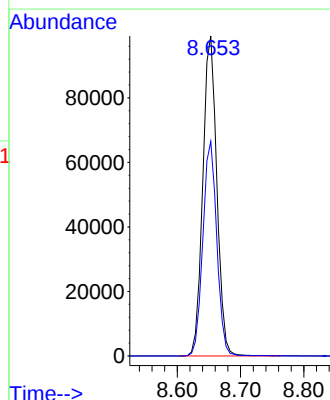
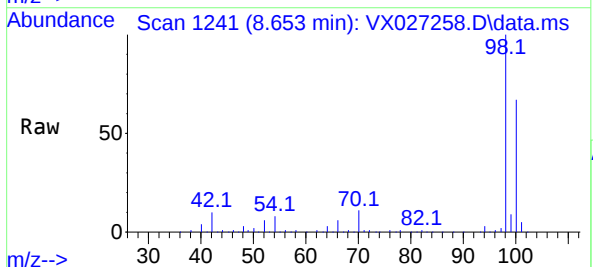


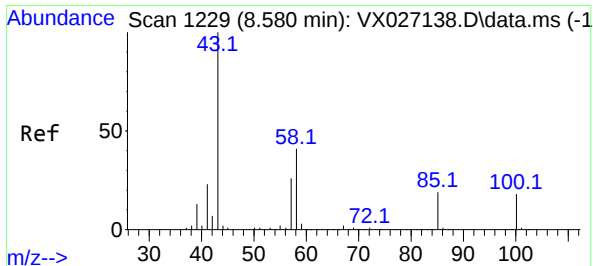
Tgt Ion:117 Resp: 7858
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.680 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 98 Resp: 153298
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

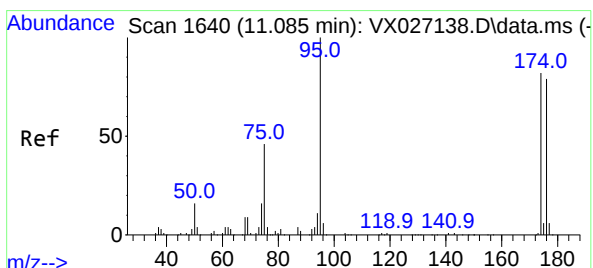
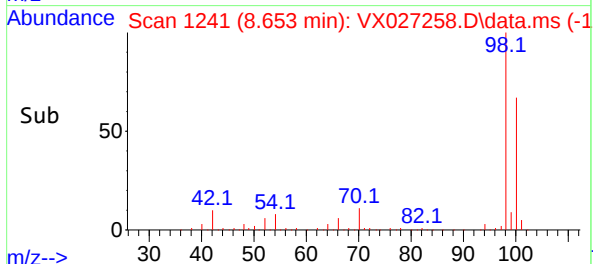
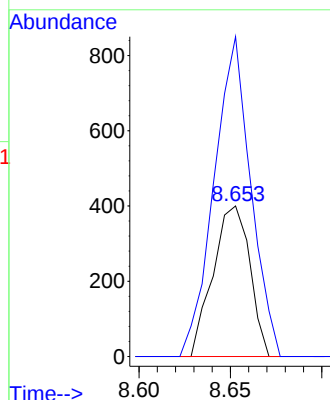
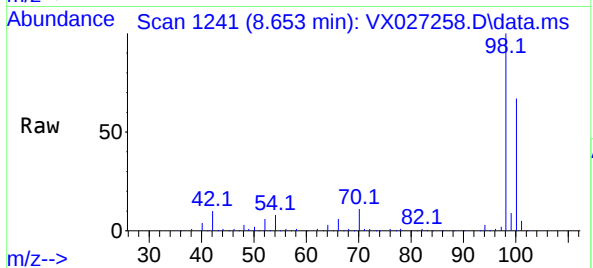




#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

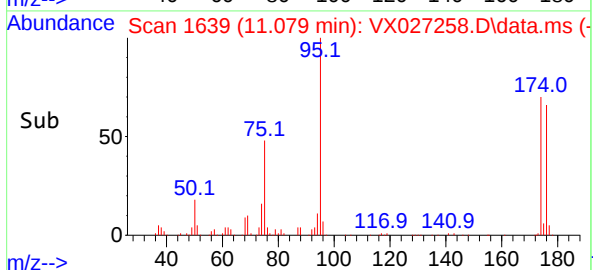
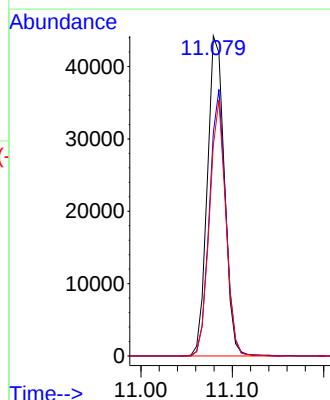
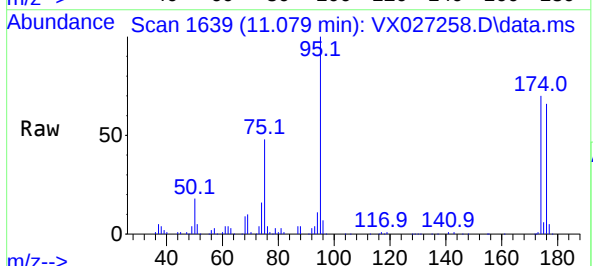
Instrument :
MSVOA_X
ClientSampleId :
MW-02

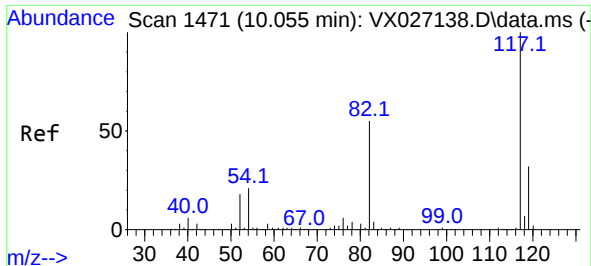
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 212.0 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 48.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 95 Resp: 57092
Ion Ratio Lower Upper
95 100
174 79.8 0.0 148.6
176 76.4 0.0 141.4

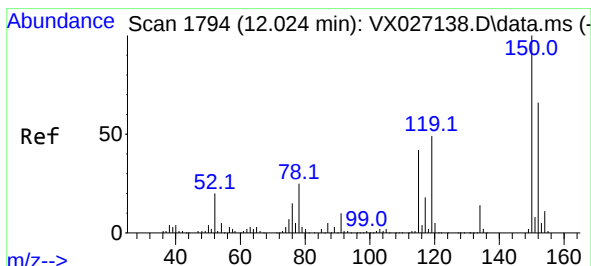
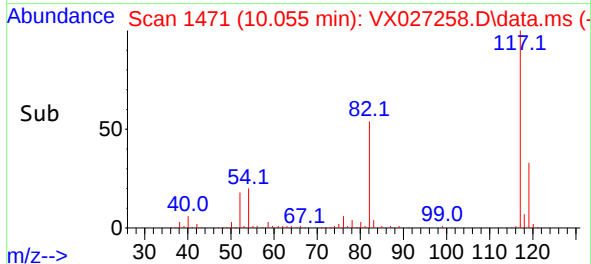
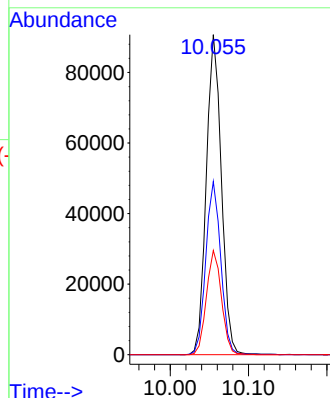
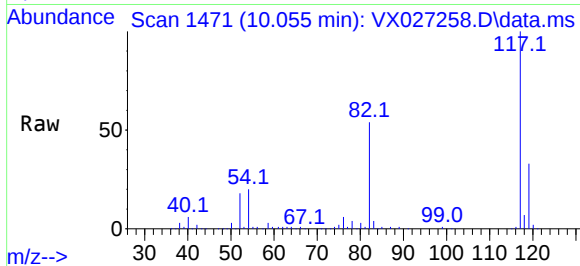




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

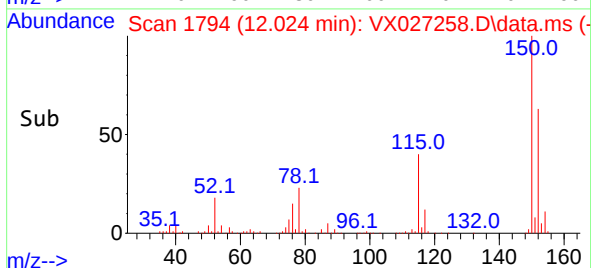
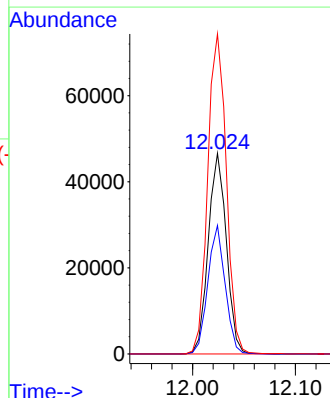
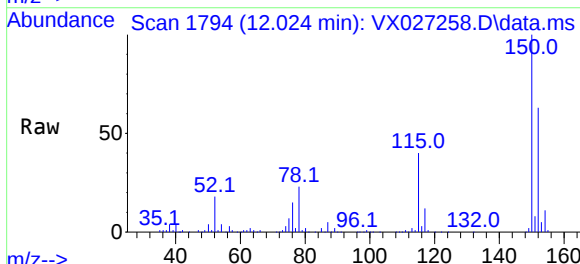
Instrument :
MSVOA_X
ClientSampleId :
MW-02

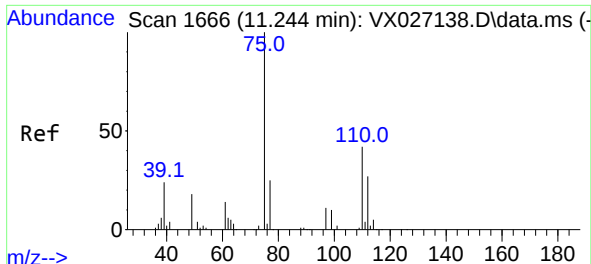
Tgt Ion:117 Resp: 121073
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion:152 Resp: 57058
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 163.9 0.0 348.2

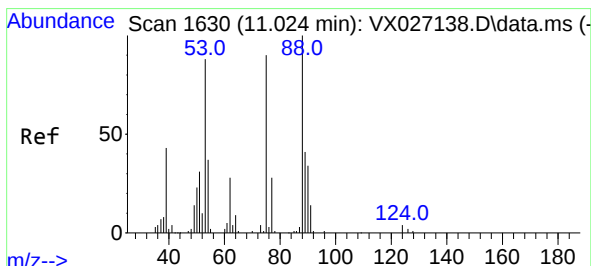
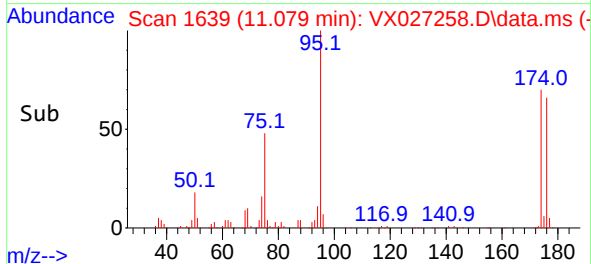
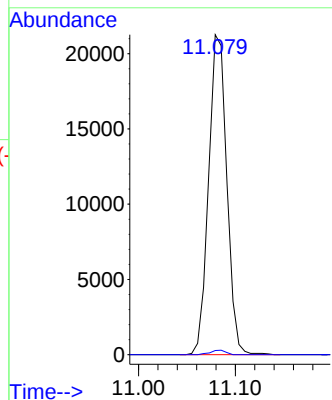
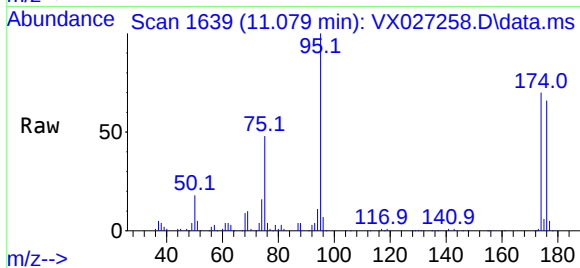




#76
1,2,3-Trichloropropane
Concen: 24.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 75 Resp: 27871
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027258.D
Acq: 01 Mar 2022 19:01

Tgt Ion: 75 Resp: 27871
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

