

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027428.D
 Acq On : 14 Mar 2022 17:58
 Operator : JC/MD
 Sample : N1895-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3D

Quant Time: Mar 15 06:05:28 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)

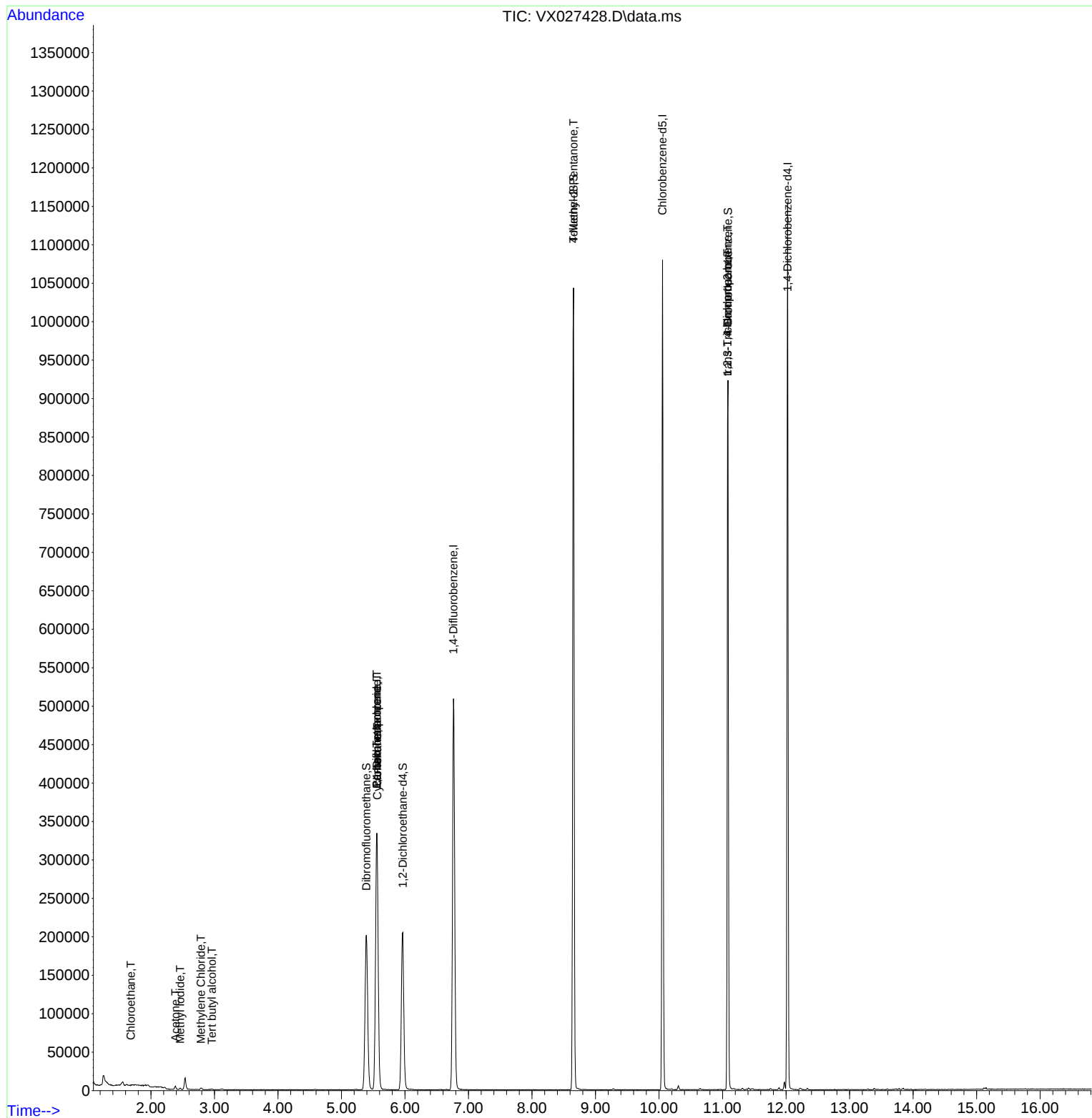
Internal Standards						
1) Pentafluorobenzene	5.556	168	318371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	526486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	207779	55.965	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.920%	
35) Dibromofluoromethane	5.391	113	175234	51.582	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.160%	
50) Toluene-d8	8.653	98	629915	49.115	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.220%	
62) 4-Bromofluorobenzene	11.085	95	256943	52.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.120%	
Target Compounds						Qvalue
5) Bromomethane	1.618	94	684	Below Cal	89	
6) Chloroethane	1.685	64	255	0.568	ug/l	100
10) Methyl Iodide	2.459	142	1877	0.414	ug/l	96
11) Tert butyl alcohol	2.959	59	702	0.965	ug/l #	72
16) Acetone	2.386	43	4607	0.317	ug/l	91
20) Methylene Chloride	2.788	84	1080	0.298	ug/l #	85
31) Cyclohexane	5.562	56	6361	1.225	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	24011	5.091	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33255	6.818	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2663	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	120121	22.591	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	120121	73.061	ug/l #	15

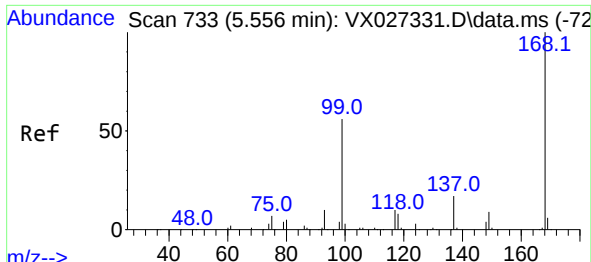
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
Data File : VX027428.D
Acq On : 14 Mar 2022 17:58
Operator : JC/MD
Sample : N1895-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3D

Quant Time: Mar 15 06:05:28 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

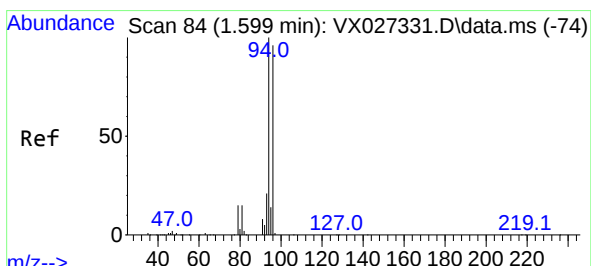
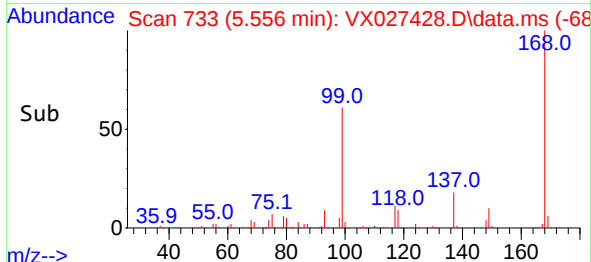
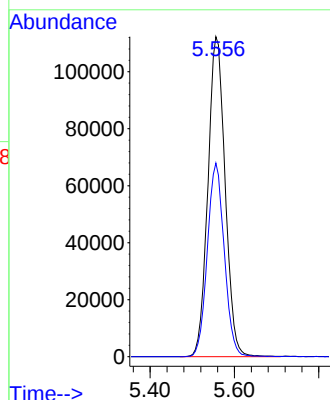
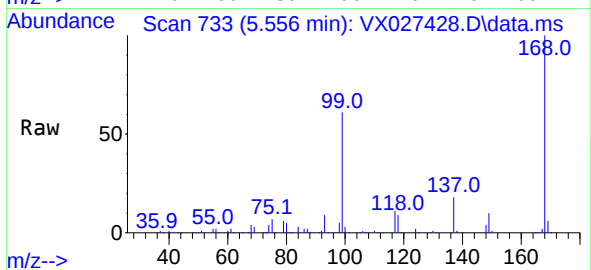




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

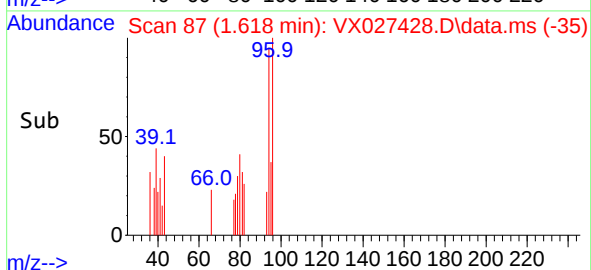
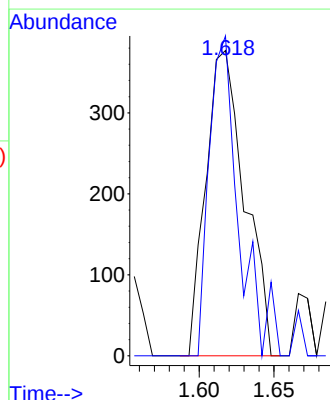
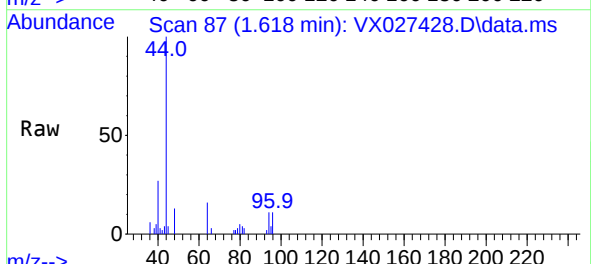
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

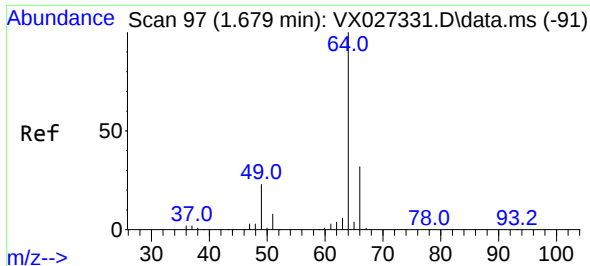
Tgt Ion:168 Resp: 318371
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 104.8 75.3 112.9

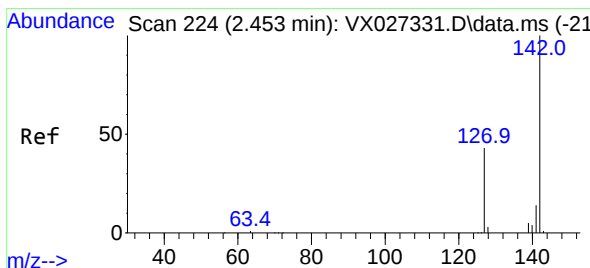
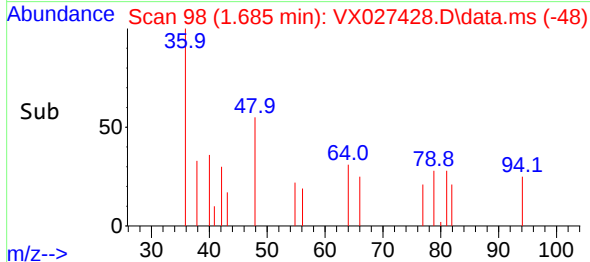
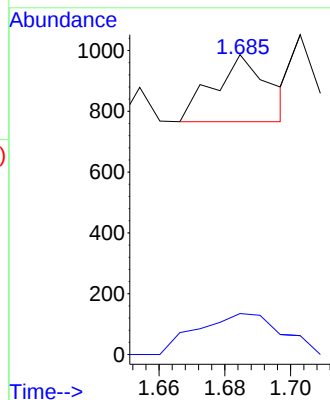
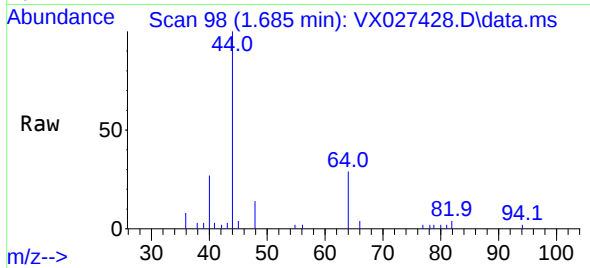




#6
Chloroethane
Concen: 0.568 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

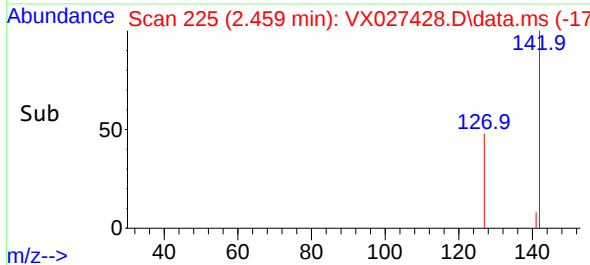
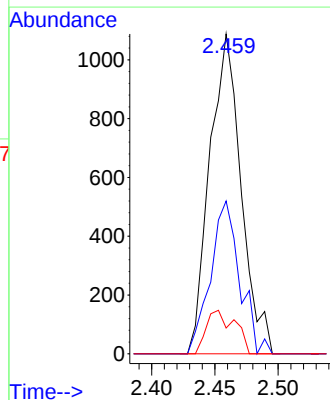
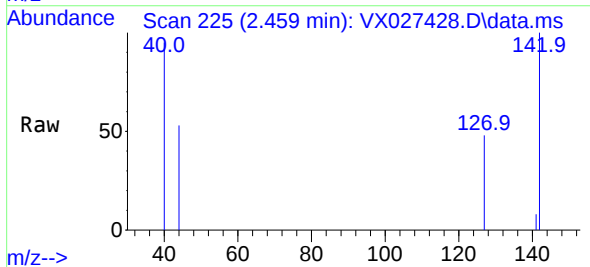
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

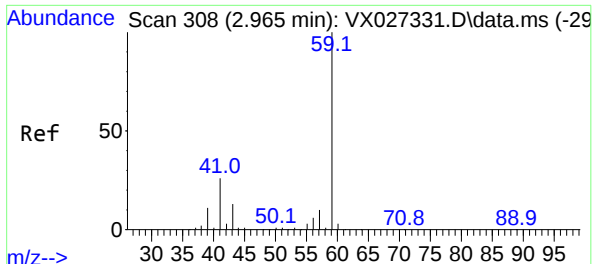
Tgt Ion: 64 Resp: 255
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9



#10
Methyl Iodide
Concen: 0.414 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion: 142 Resp: 1877
Ion Ratio Lower Upper
142 100
127 44.8 33.9 50.9
141 12.4 11.4 17.2

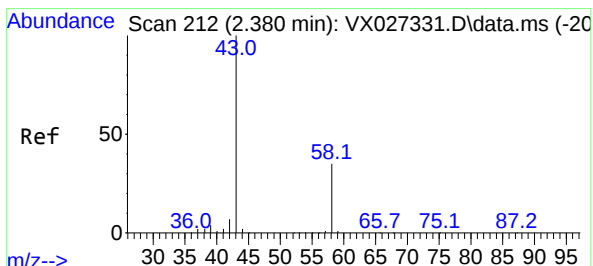
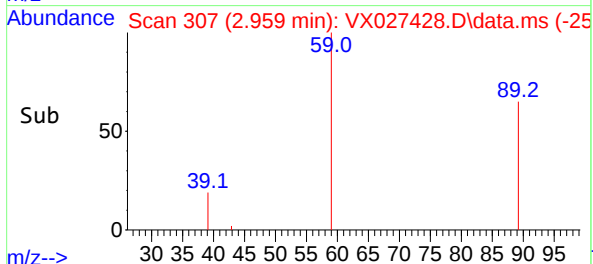
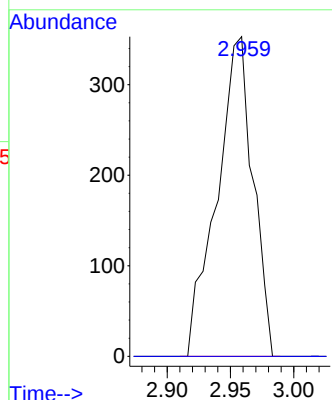
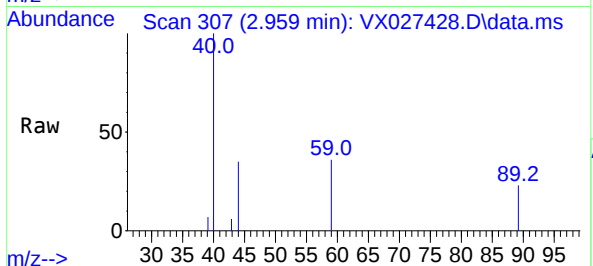




#11
Tert butyl alcohol
Concen: 0.965 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

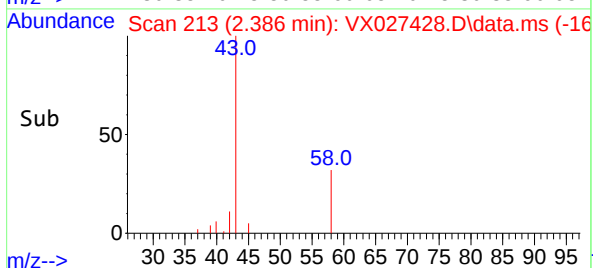
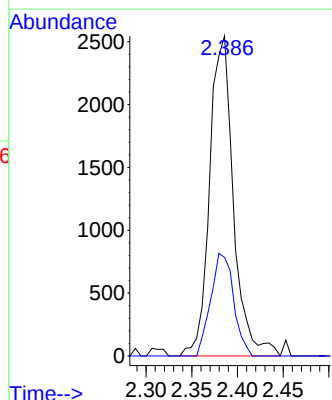
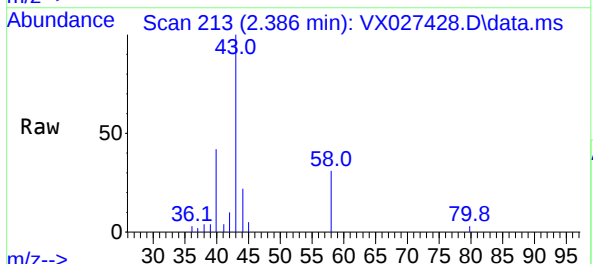
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

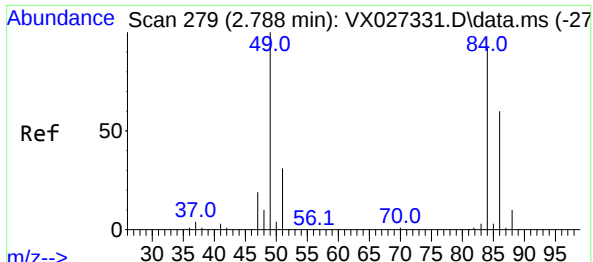
Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.317 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2





#20

Methylene Chloride

Concen: 0.298 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027428.D

Acq: 14 Mar 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

MW-3D

Tgt Ion: 84 Resp: 1080

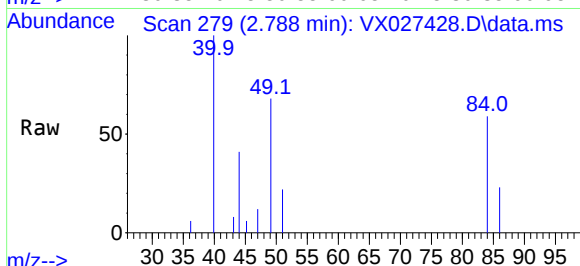
Ion Ratio Lower Upper

84 100

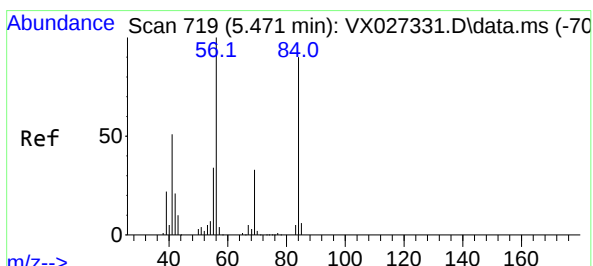
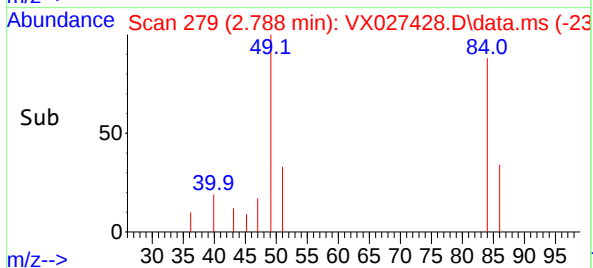
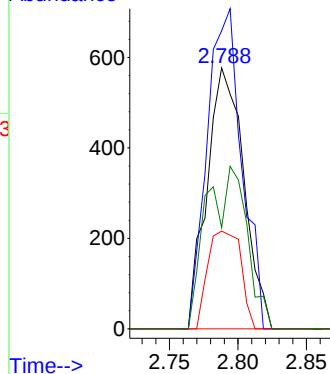
49 114.2 85.5 128.3

51 37.4 26.6 39.8

86 38.8 51.5 77.3#



Abundance



#31

Cyclohexane

Concen: 1.225 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX027428.D

Acq: 14 Mar 2022 17:58

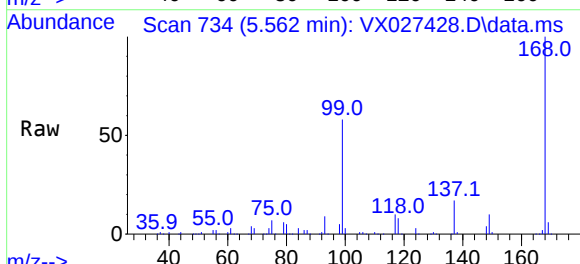
Tgt Ion: 56 Resp: 6361

Ion Ratio Lower Upper

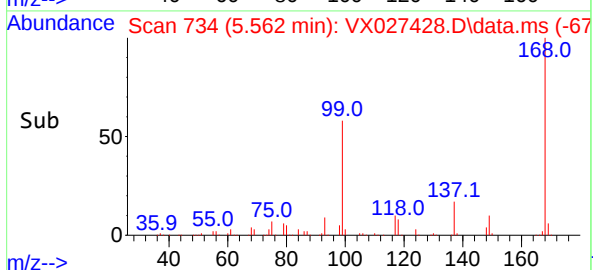
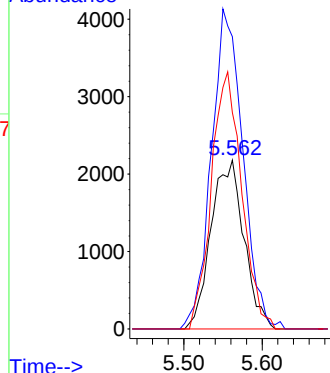
56 100

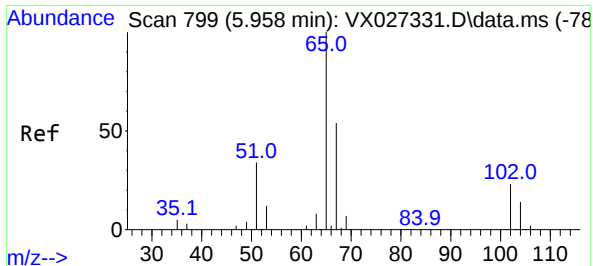
69 173.2 26.7 40.1#

84 128.3 77.2 115.8#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 55.965 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027428.D

Acq: 14 Mar 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

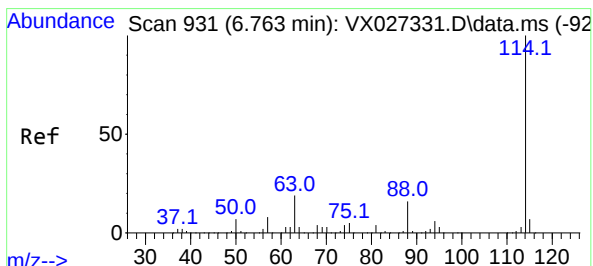
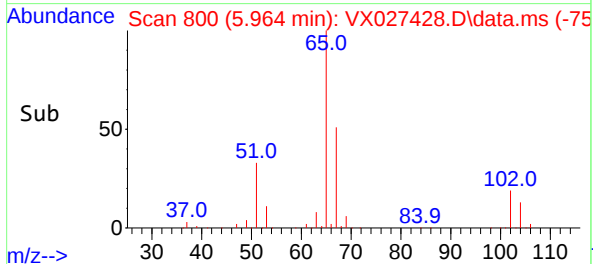
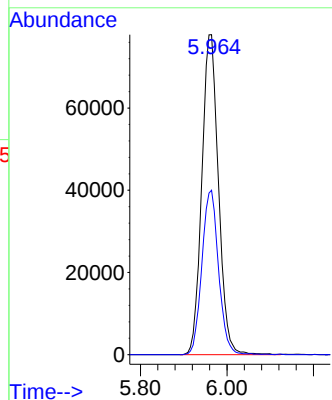
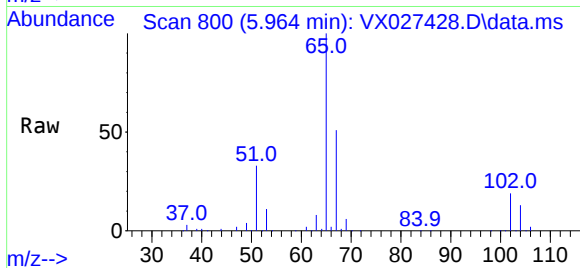
MW-3D

Tgt Ion: 65 Resp: 207779

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027428.D

Acq: 14 Mar 2022 17:58

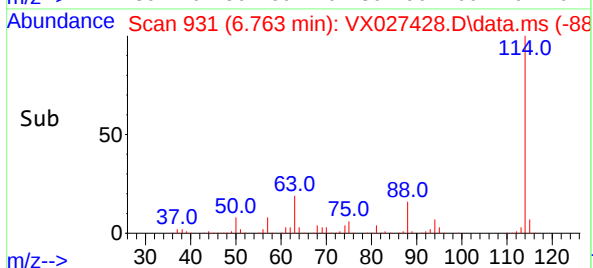
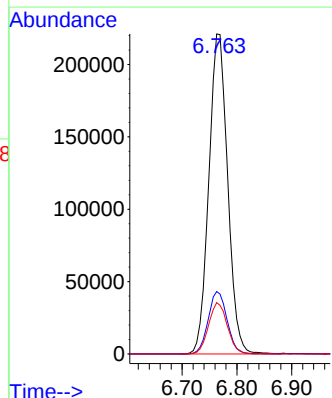
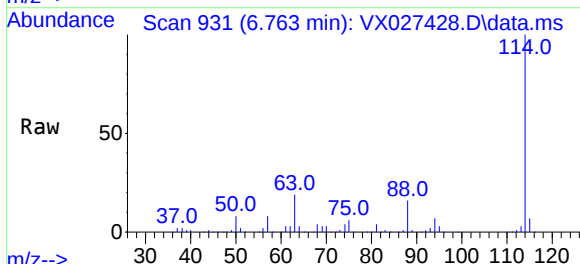
Tgt Ion: 114 Resp: 526486

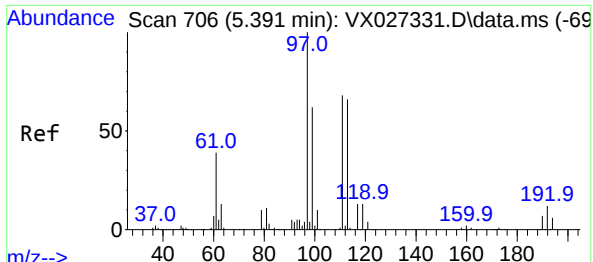
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.0 0.0 32.4

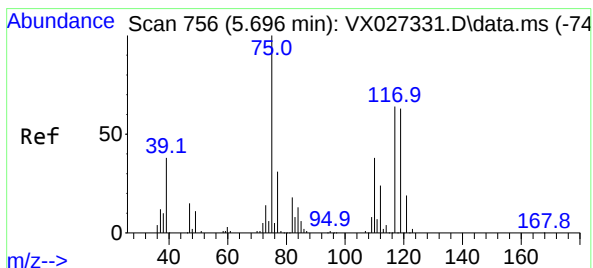
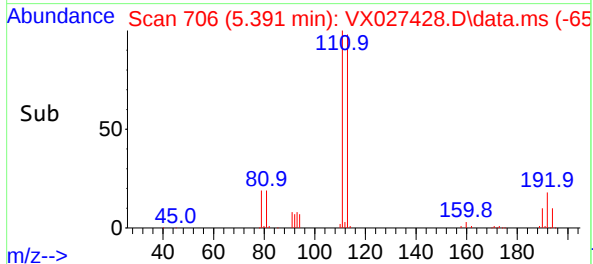
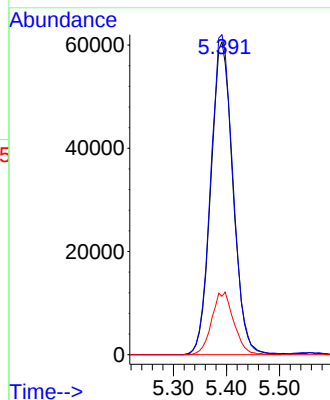
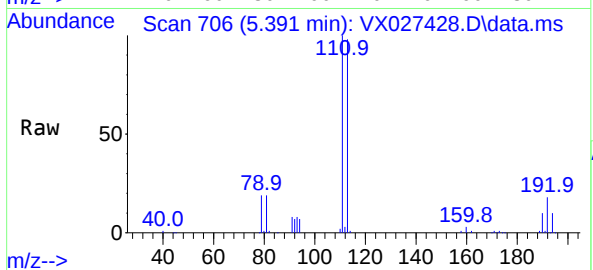




#35
Dibromofluoromethane
Concen: 51.582 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

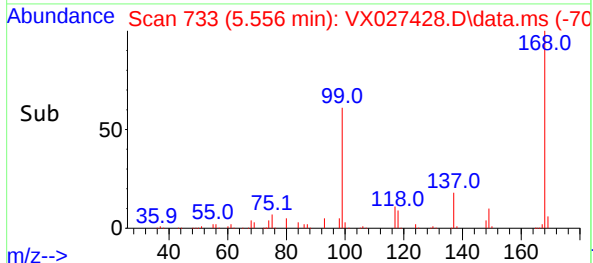
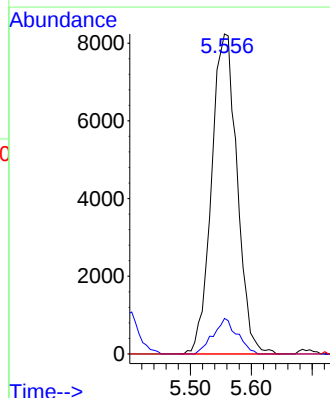
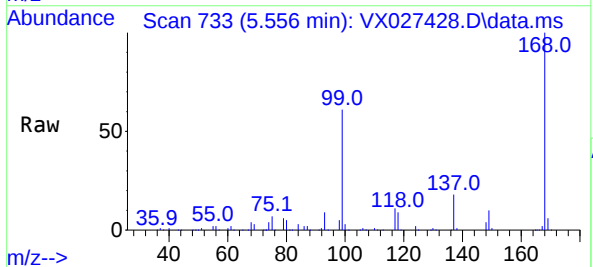
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

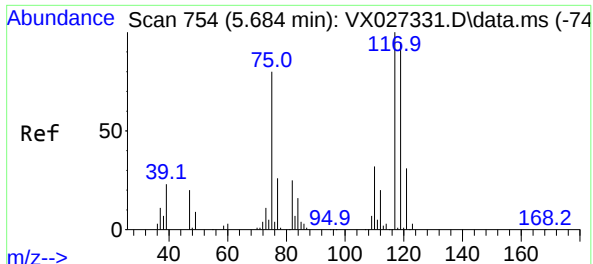
Tgt Ion:113 Resp: 175234
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

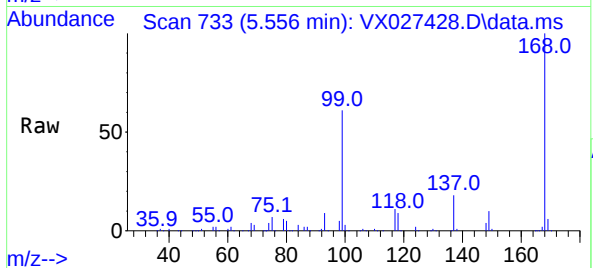
Tgt Ion: 75 Resp: 24011
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



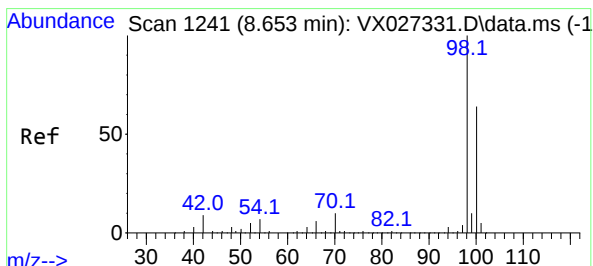
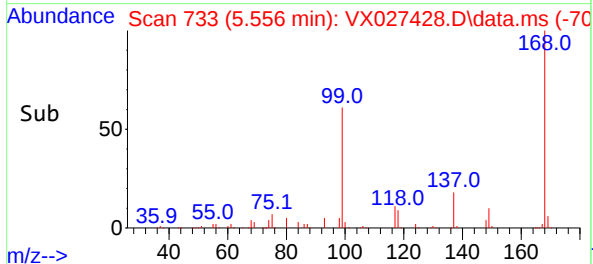
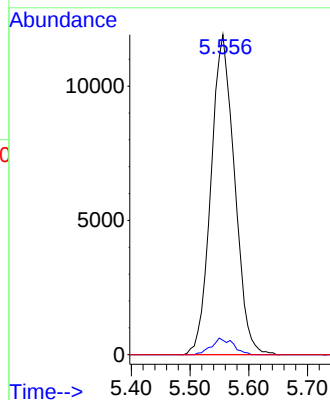


#38
Carbon Tetrachloride
Concen: 6.818 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :
MW-3D

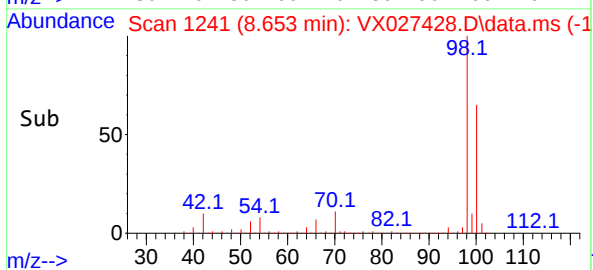
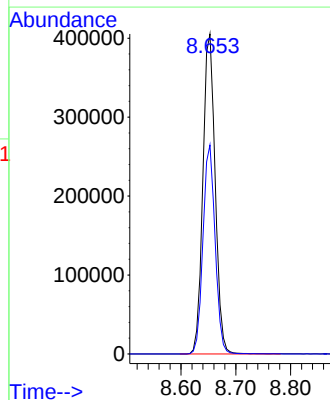
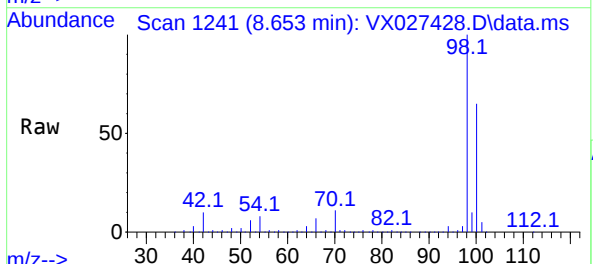


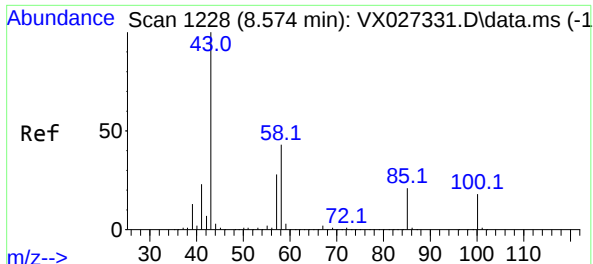
Tgt Ion:117 Resp: 33255
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.115 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion: 98 Resp: 629915
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

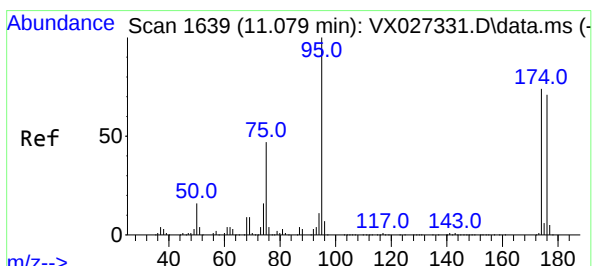
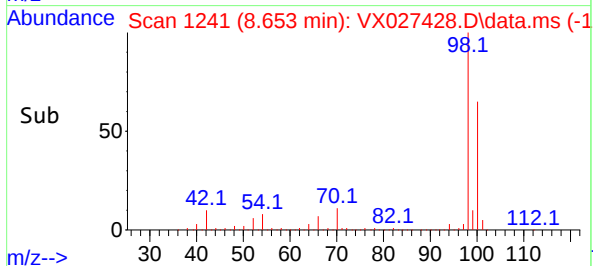
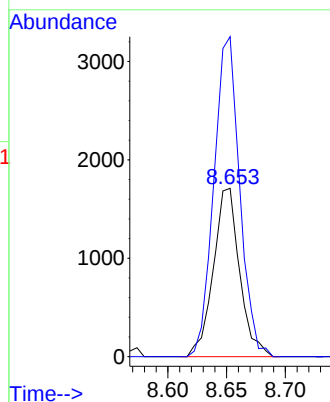
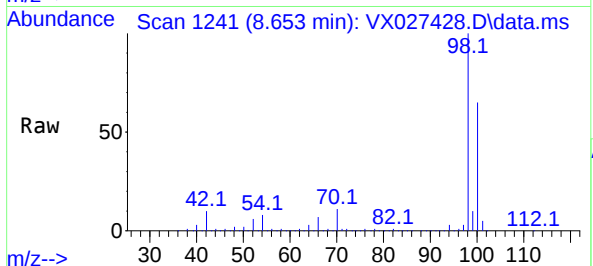




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

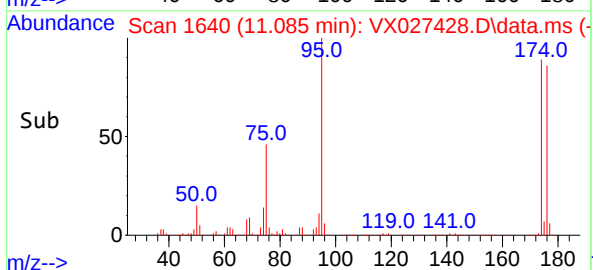
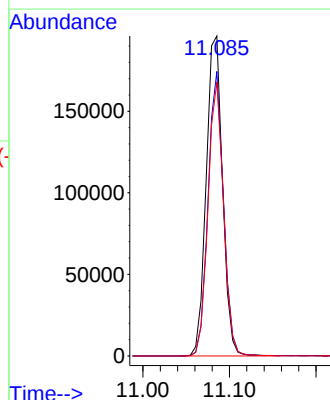
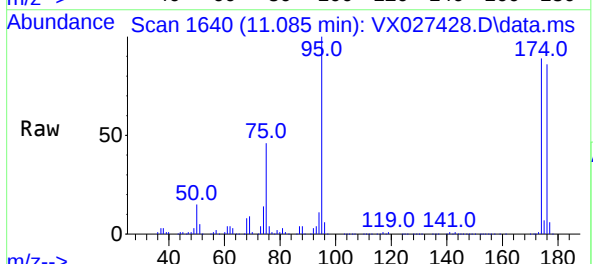
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

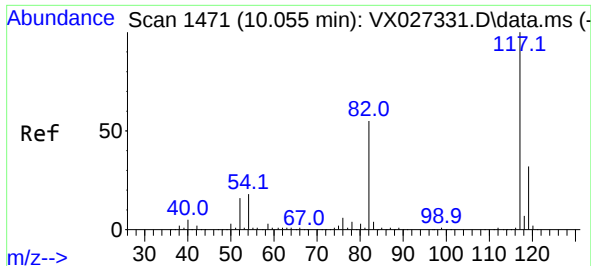
Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
58 186.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 52.564 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion: 95 Resp: 256943
Ion Ratio Lower Upper
95 100
174 83.9 0.0 163.0
176 81.5 0.0 155.0

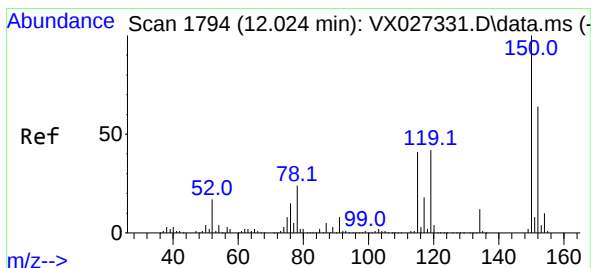
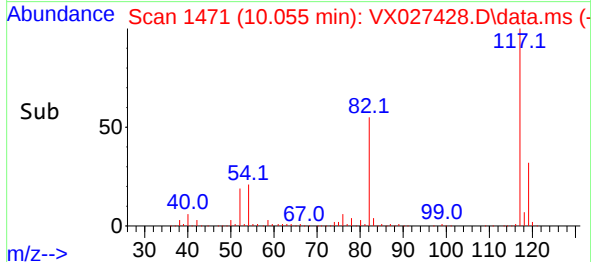
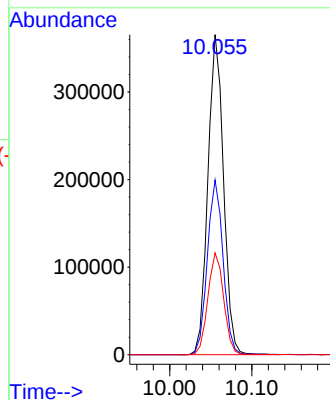
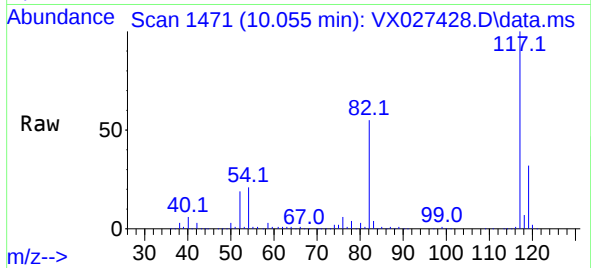




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

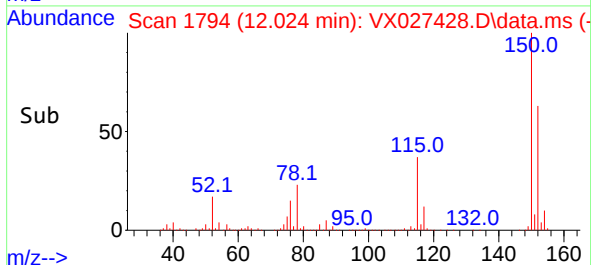
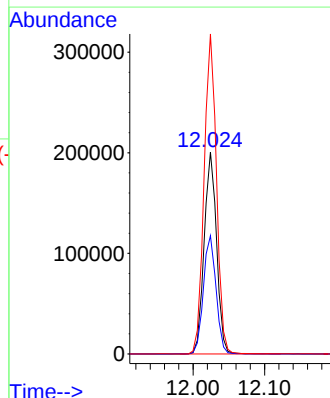
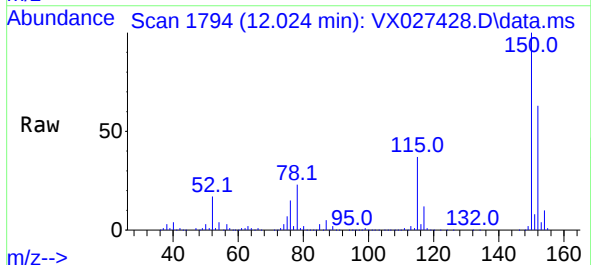
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

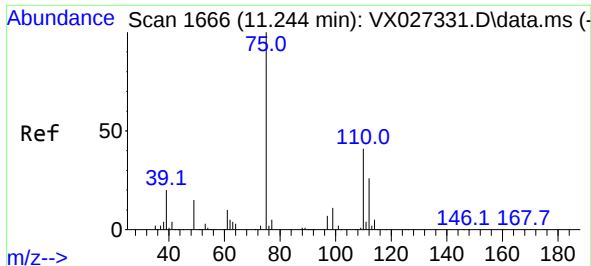
Tgt Ion:117 Resp: 482366
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion:152 Resp: 242351
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 158.0 0.0 338.2

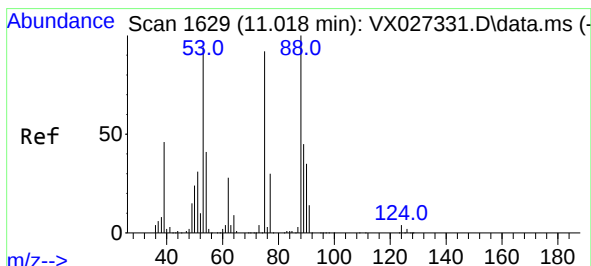
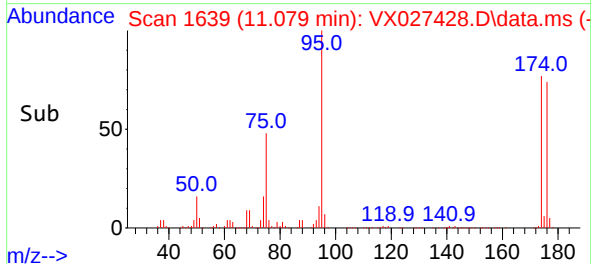
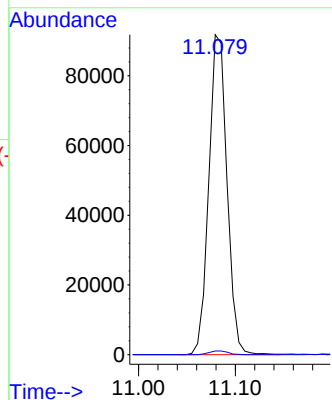
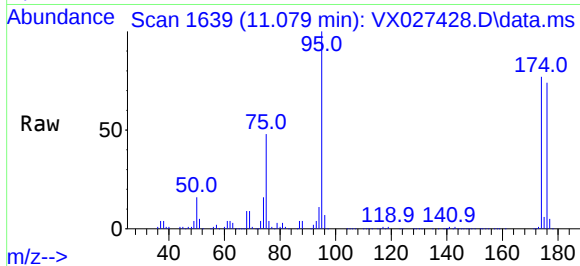




#76
1,2,3-Trichloropropane
Concen: 22.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :
MW-3D

Tgt Ion: 75 Resp: 120121
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027428.D
Acq: 14 Mar 2022 17:58

Tgt Ion: 75 Resp: 120121
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

