

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028741.D
 Acq On : 16 May 2022 19:02
 Operator : JC/MD
 Sample : N2867-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW205S1-230-232

Quant Time: May 17 03:40:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

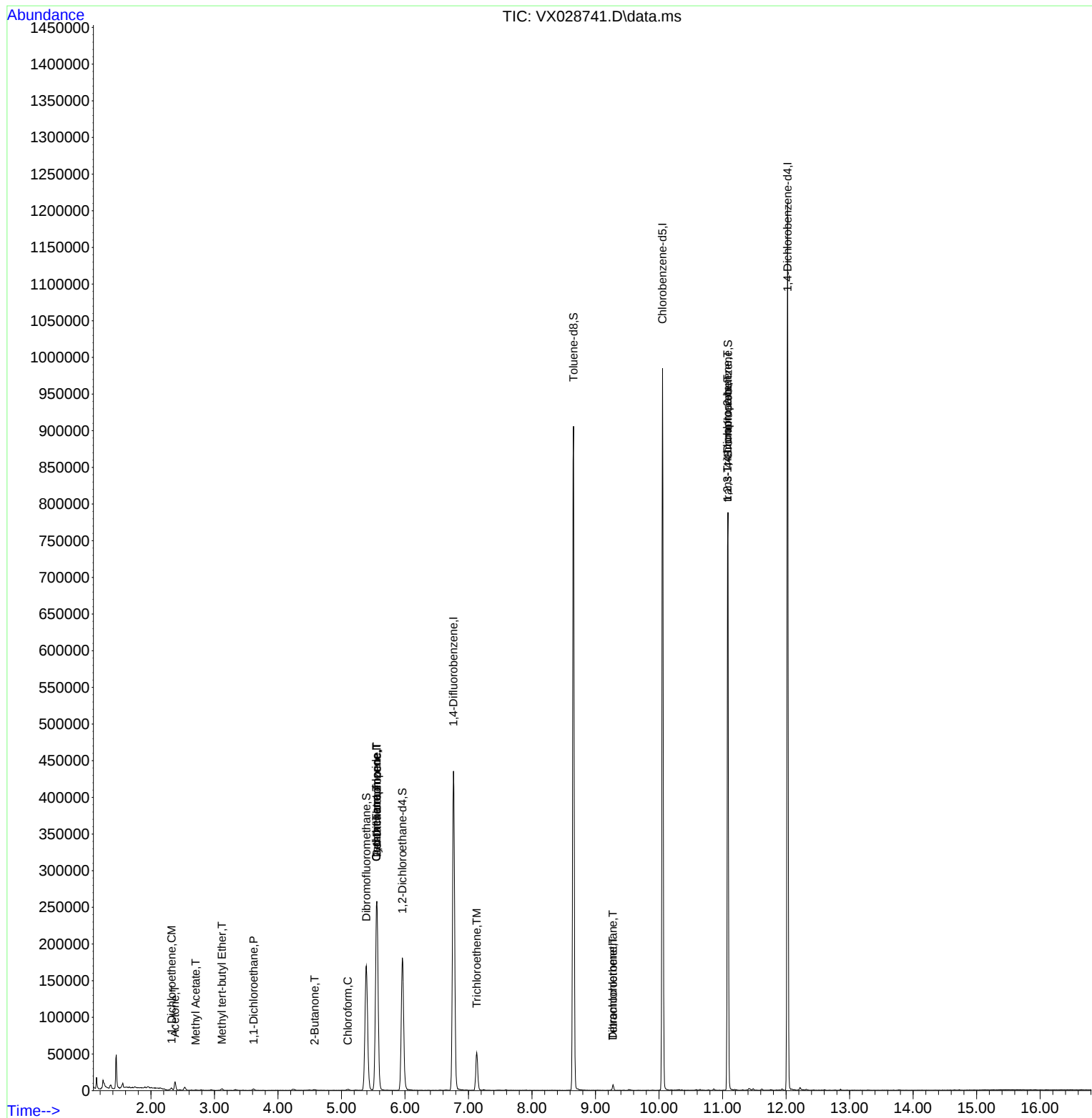
Internal Standards						
1) Pentafluorobenzene	5.556	168	238431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	442774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170765	52.248	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.500%	
35) Dibromofluoromethane	5.391	113	147612	50.883	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.760%	
50) Toluene-d8	8.653	98	536761	49.076	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.160%	
62) 4-Bromofluorobenzene	11.085	95	200583	49.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	543	Below Cal	#	80
6) Chloroethane	1.666	64	973	Below Cal	#	74
11) Tert butyl alcohol	2.952	59	677	Below Cal	#	72
12) 1,1-Dichloroethene	2.325	96	696	0.282	ug/l #	76
16) Acetone	2.379	43	12020	8.569	ug/l	95
18) Methyl Acetate	2.703	43	758	0.216	ug/l #	54
19) Methyl tert-butyl Ether	3.117	73	1881	0.215	ug/l	99
24) 1,1-Dichloroethane	3.617	63	2144	0.436	ug/l #	93
25) 2-Butanone	4.574	43	2057	0.934	ug/l #	88
30) Chloroform	5.098	83	1660	0.312	ug/l #	78
31) Cyclohexane	5.550	56	5703	1.257	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	20104	4.614	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26051	5.941	ug/l #	14
44) Trichloroethene	7.129	130	19184	5.649	ug/l	96
60) Dibromochloromethane	9.274	129	1170	0.365	ug/l #	9
64) Tetrachloroethene	9.274	164	1286	0.399	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	106234	19.689	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106234	58.061	ug/l #	15

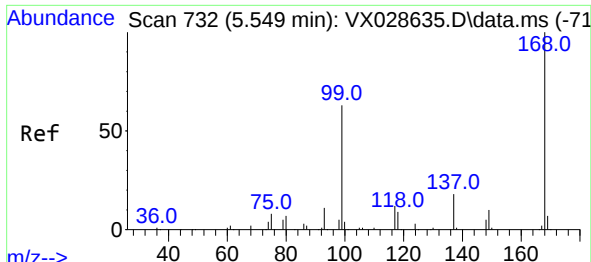
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028741.D
Acq On : 16 May 2022 19:02
Operator : JC/MD
Sample : N2867-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

Quant Time: May 17 03:40:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

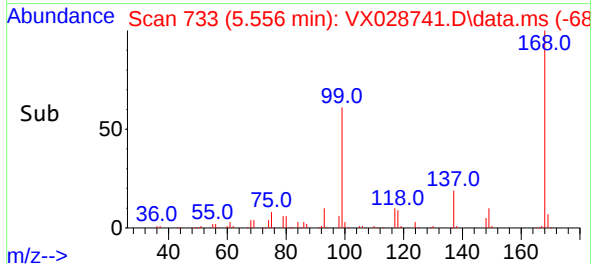
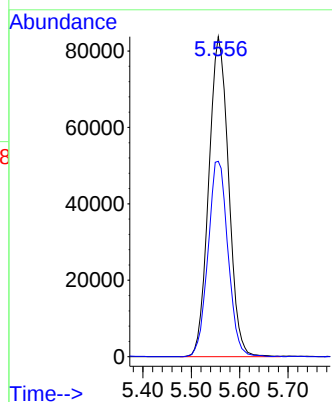
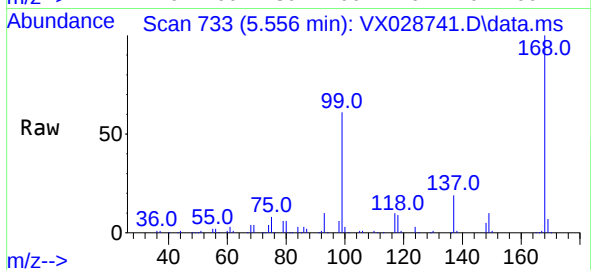




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

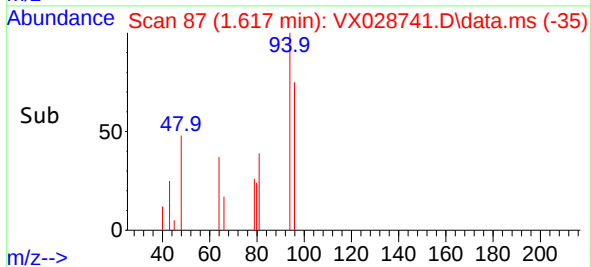
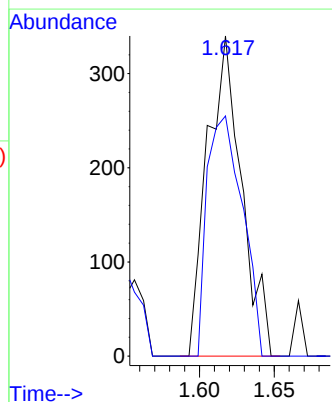
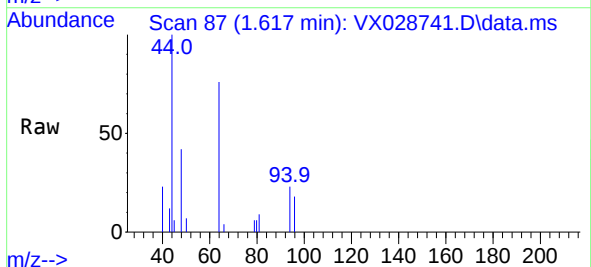
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

Tgt Ion:168 Resp: 238431
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5

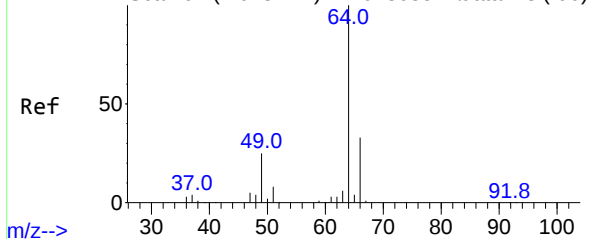


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion: 94 Resp: 543
Ion Ratio Lower Upper
94 100
96 75.0 75.3 112.9#



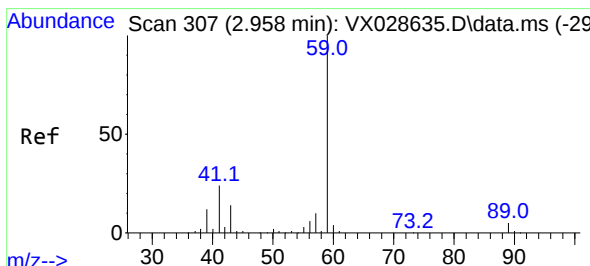
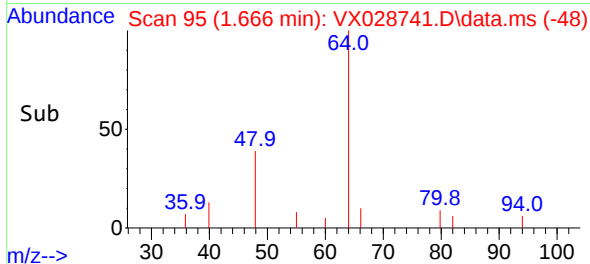
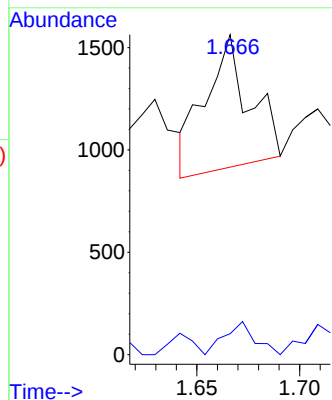
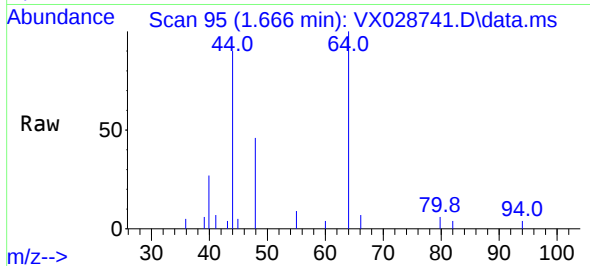
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

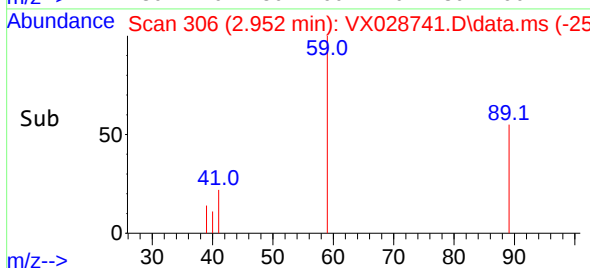
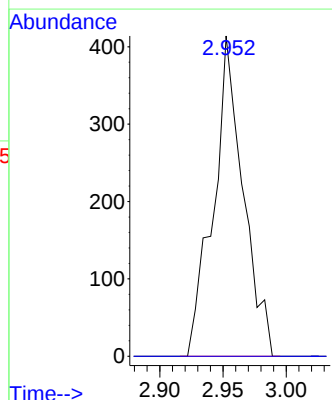
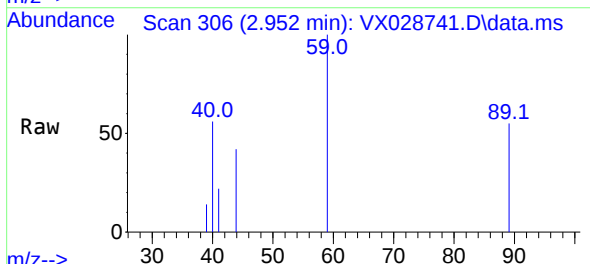
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

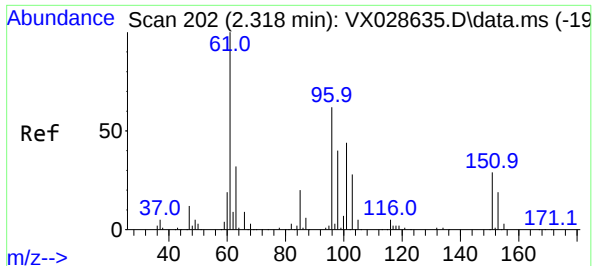
Tgt Ion: 64 Resp: 973
Ion Ratio Lower Upper
64 100
66 17.2 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion: 59 Resp: 677
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.282 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX028741.D

Acq: 16 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW205S1-230-232

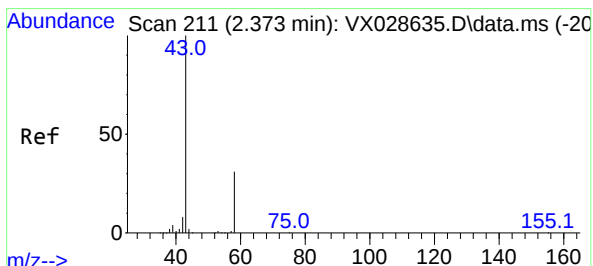
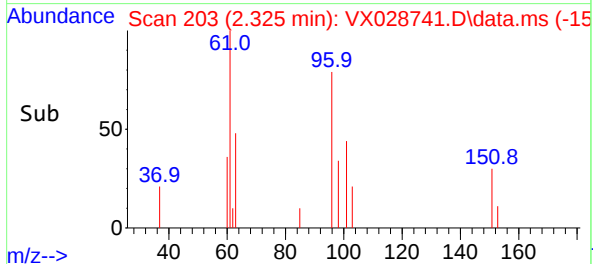
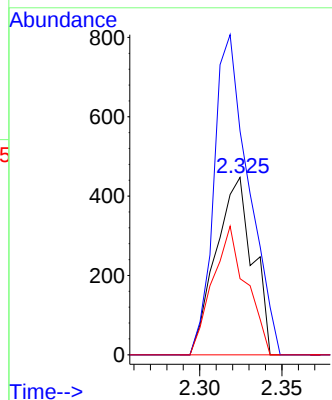
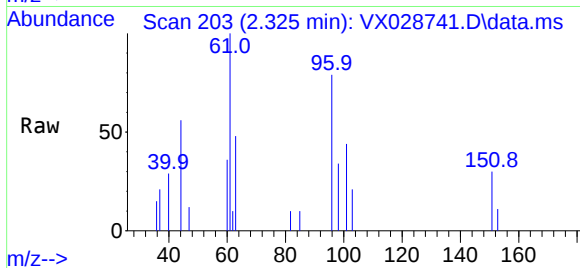
Tgt Ion: 96 Resp: 696

Ion Ratio Lower Upper

96 100

61 126.2 124.6 187.0

98 43.0 51.0 76.4#



#16

Acetone

Concen: 8.569 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX028741.D

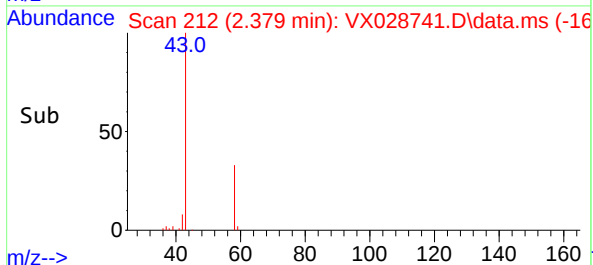
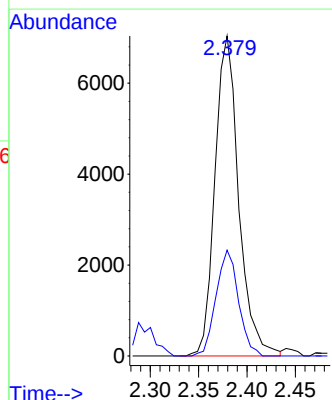
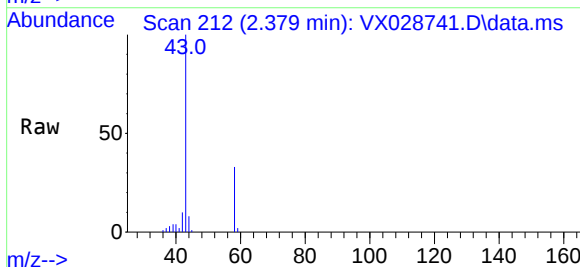
Acq: 16 May 2022 19:02

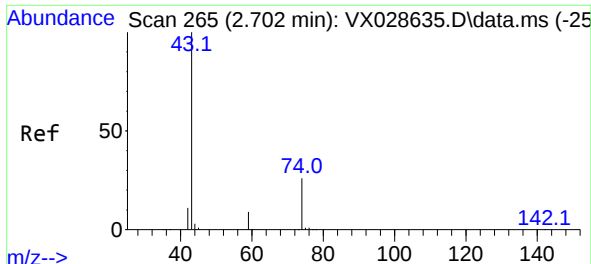
Tgt Ion: 43 Resp: 12020

Ion Ratio Lower Upper

43 100

58 33.1 28.8 43.2





#18

Methyl Acetate

Concen: 0.216 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.001 min

Lab File: VX028741.D

Acq: 16 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

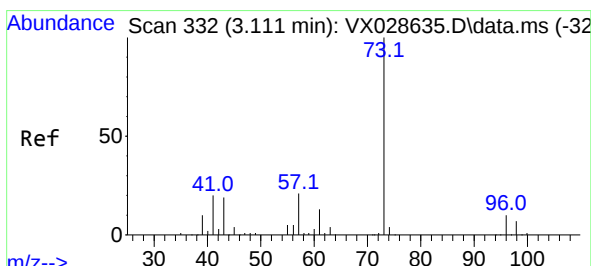
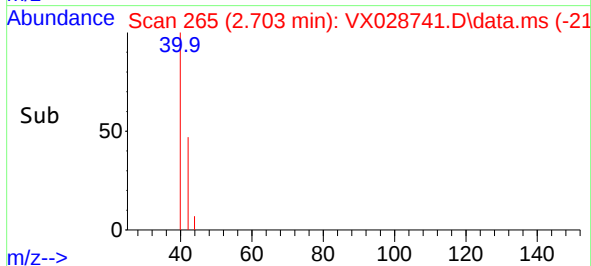
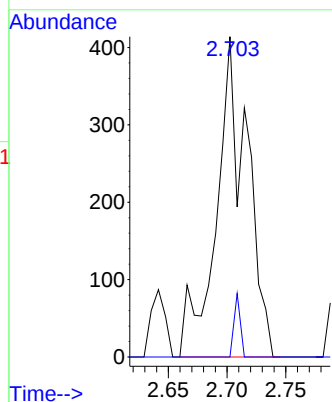
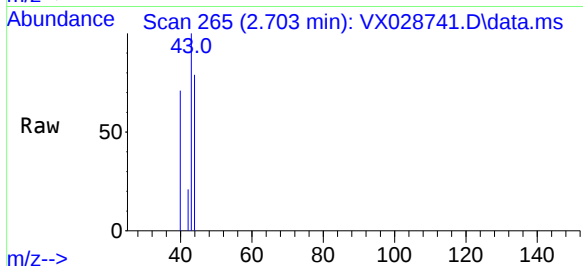
BP-TT-MW205S1-230-232

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

74 4.0 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 0.215 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028741.D

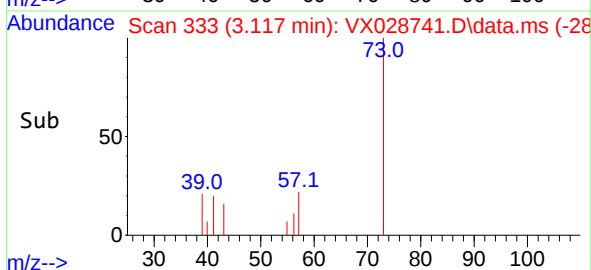
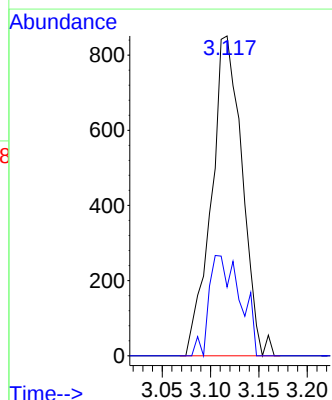
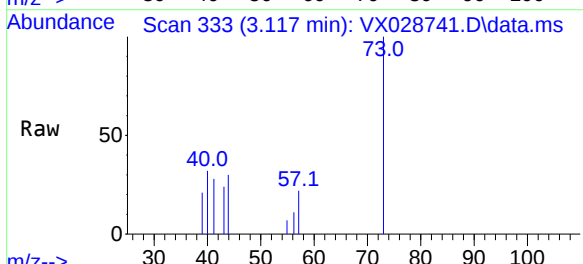
Acq: 16 May 2022 19:02

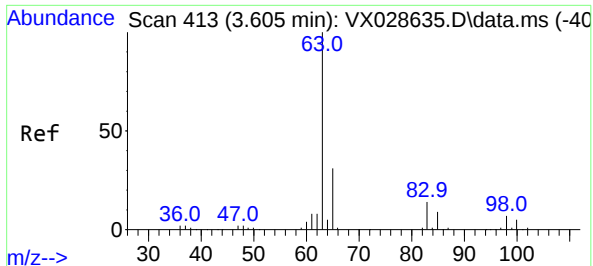
Tgt Ion: 73 Resp: 1881

Ion Ratio Lower Upper

73 100

57 21.5 16.8 25.2

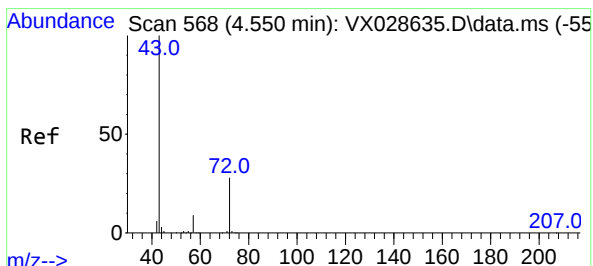
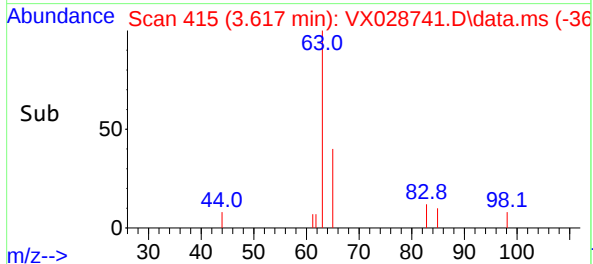
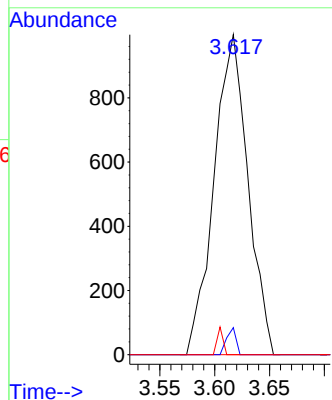
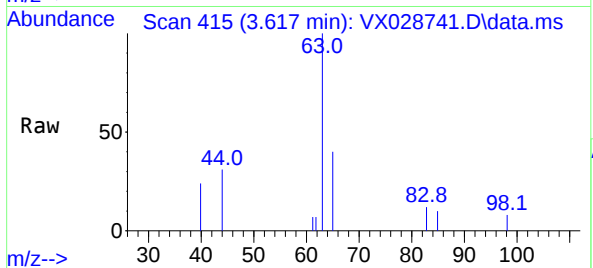




#24
1,1-Dichloroethane
Concen: 0.436 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.012 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

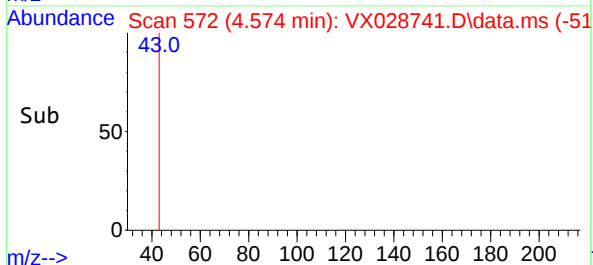
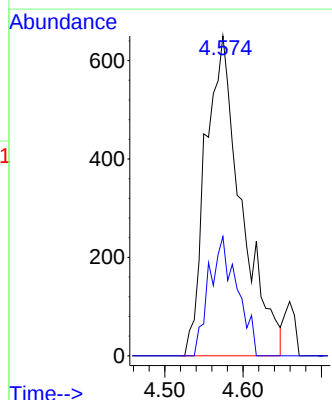
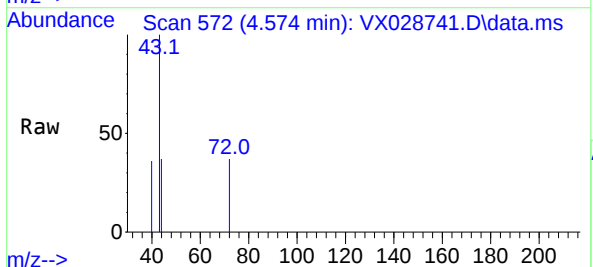
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

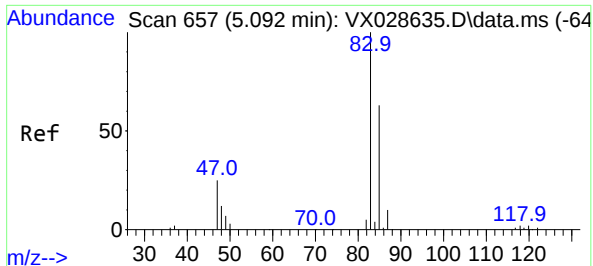
Tgt Ion: 63 Resp: 2144
Ion Ratio Lower Upper
63 100
98 8.4 3.9 11.7
100 0.0 2.4 7.2#



#25
2-Butanone
Concen: 0.934 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
72 37.2 24.4 36.6#





#30

Chloroform

Concen: 0.312 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX028741.D

Acq: 16 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

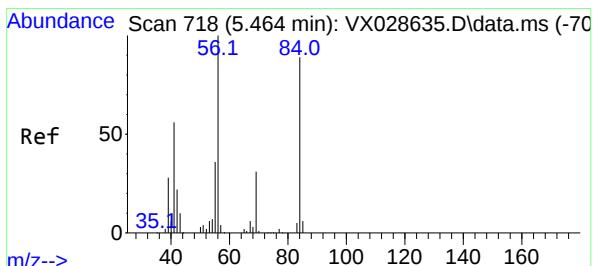
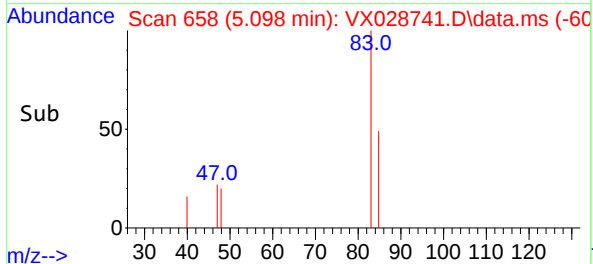
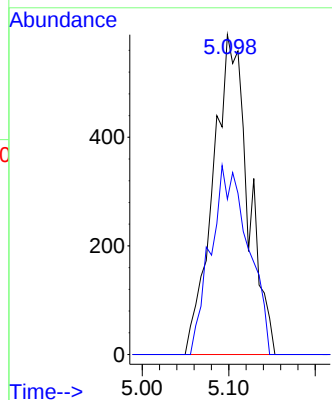
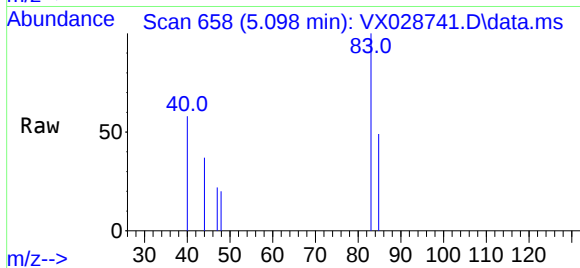
BP-TT-MW205S1-230-232

Tgt Ion: 83 Resp: 1660

Ion Ratio Lower Upper

83 100

85 48.6 52.7 79.1#



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028741.D

Acq: 16 May 2022 19:02

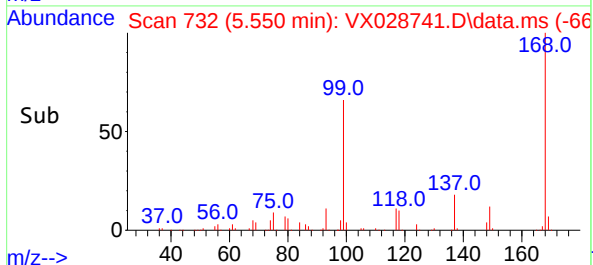
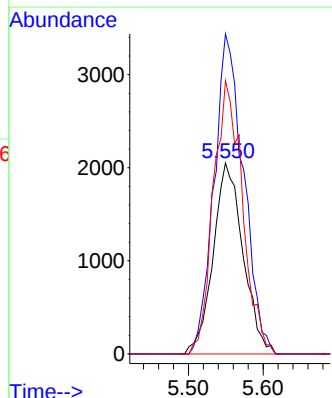
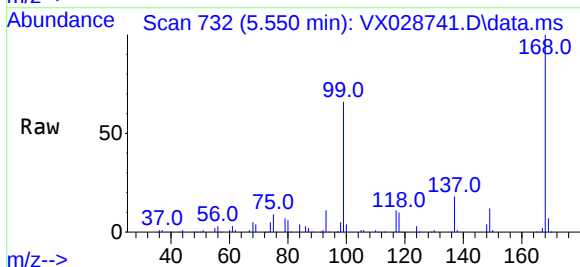
Tgt Ion: 56 Resp: 5703

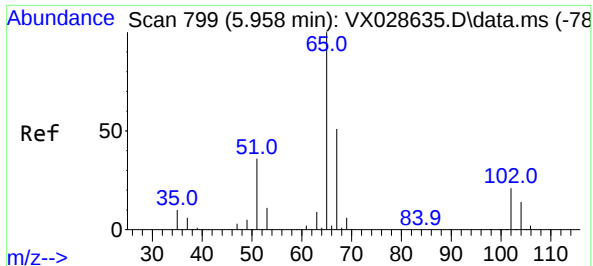
Ion Ratio Lower Upper

56 100

69 167.5 26.7 40.1#

84 143.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.248 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028741.D

Acq: 16 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

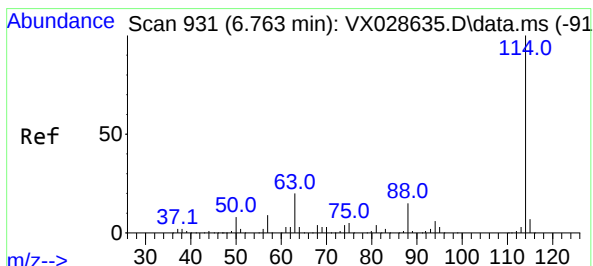
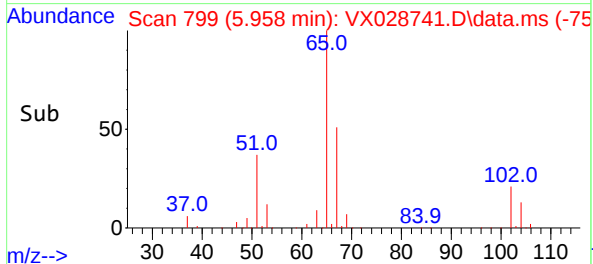
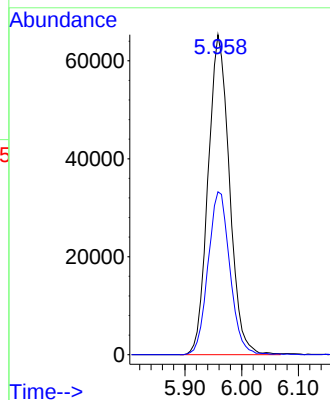
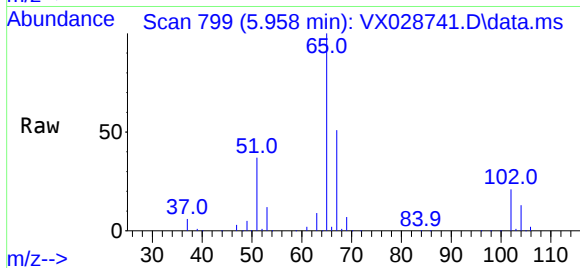
BP-TT-MW205S1-230-232

Tgt Ion: 65 Resp: 170765

Ion Ratio Lower Upper

65 100

67 52.0 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: VX028741.D

Acq: 16 May 2022 19:02

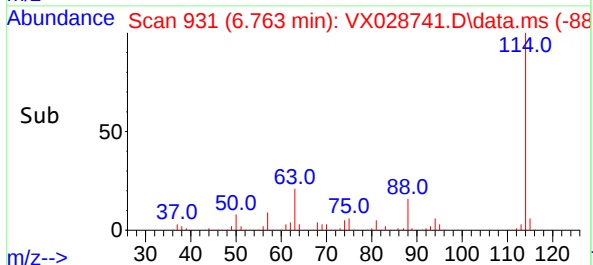
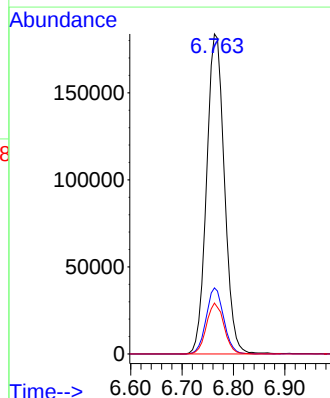
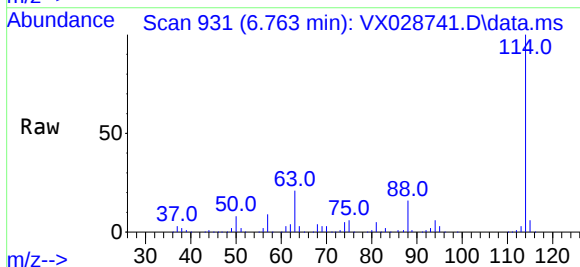
Tgt Ion: 114 Resp: 442774

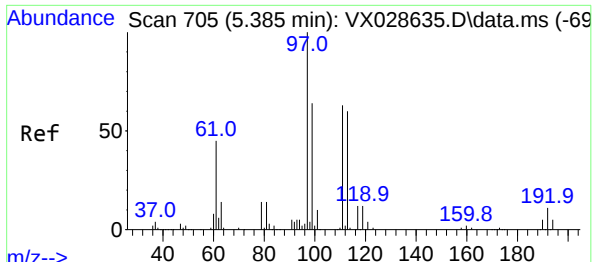
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 15.9 0.0 32.4



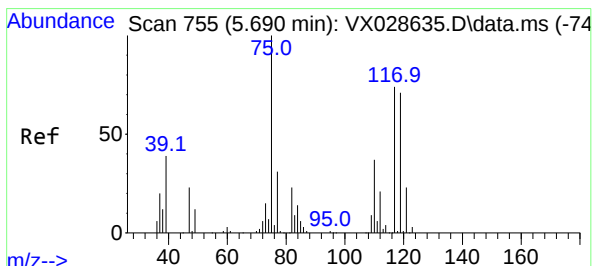
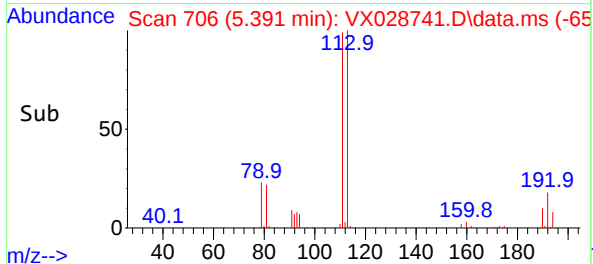
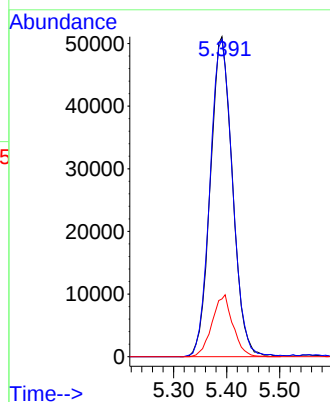
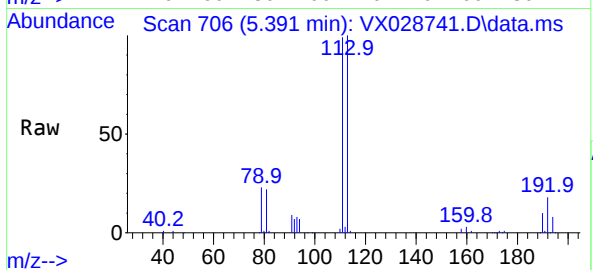


#35
 Dibromofluoromethane
 Concen: 50.883 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX028741.D
 Acq: 16 May 2022 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW205S1-230-232

Tgt Ion:113 Resp: 147612

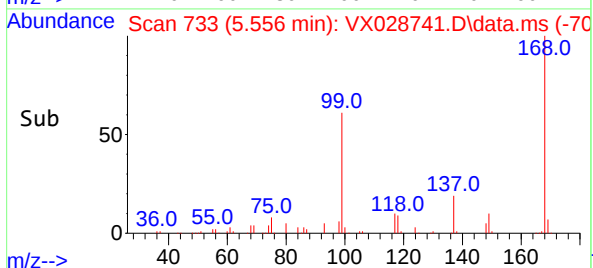
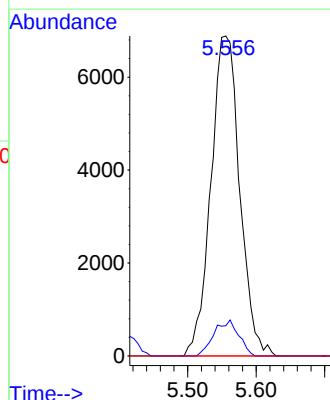
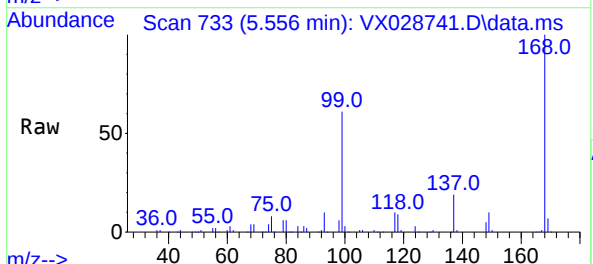
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.8	124.2
192	18.2	16.9	25.3

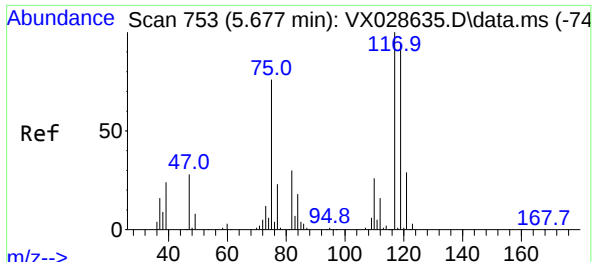


#36
 1,1-Dichloropropene
 Concen: 4.614 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX028741.D
 Acq: 16 May 2022 19:02

Tgt Ion: 75 Resp: 20104

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.8#
77	0.0	24.8	37.2#

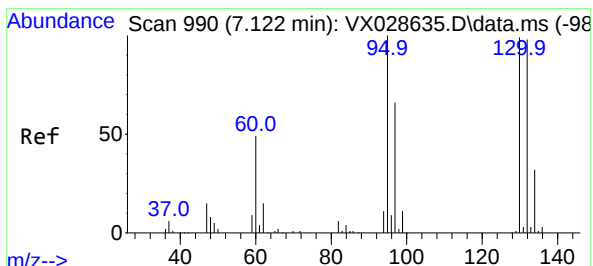
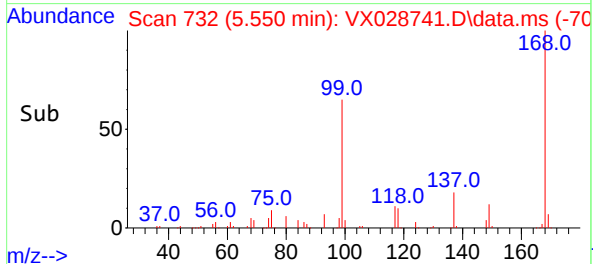
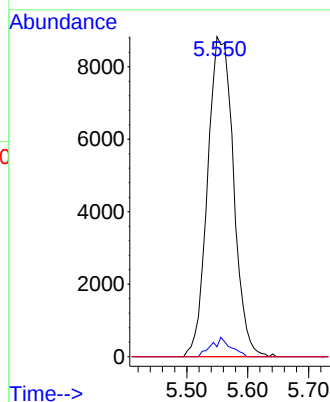
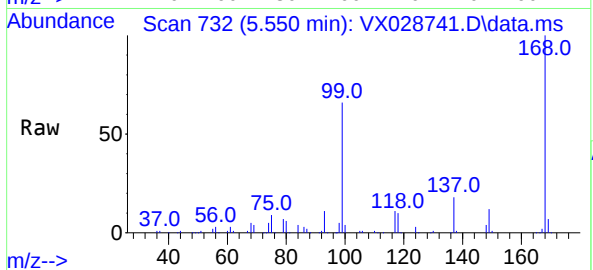




#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.127 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

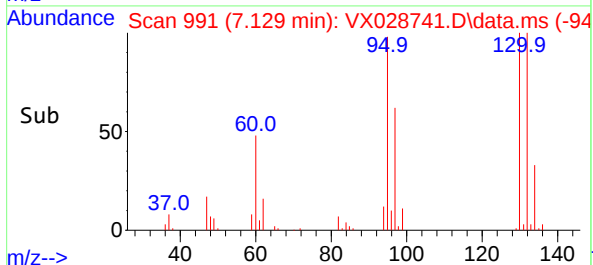
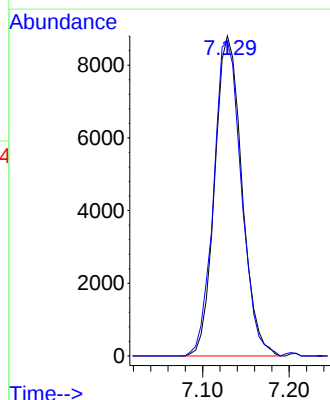
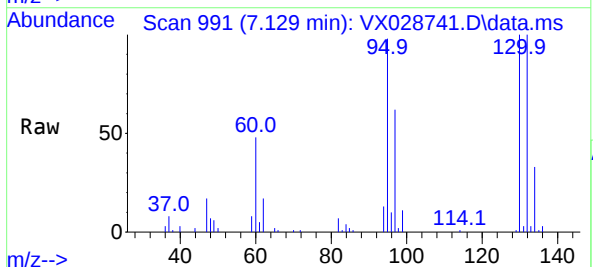
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

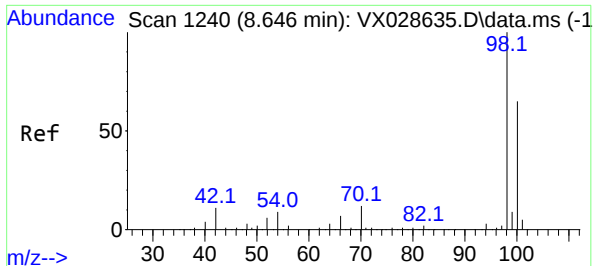
Tgt Ion:117 Resp: 26051
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 5.649 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion:130 Resp: 19184
Ion Ratio Lower Upper
130 100
95 98.2 0.0 188.8

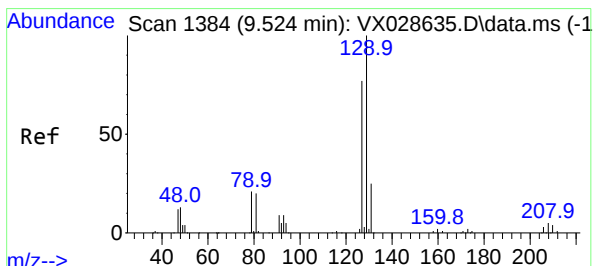
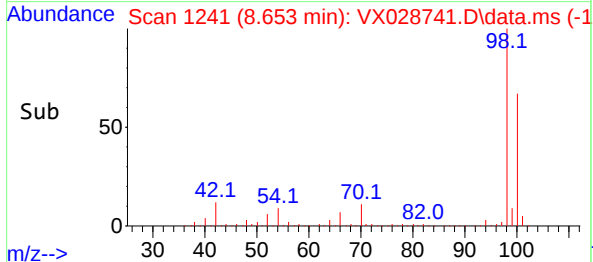
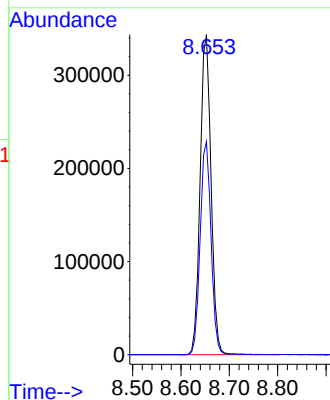
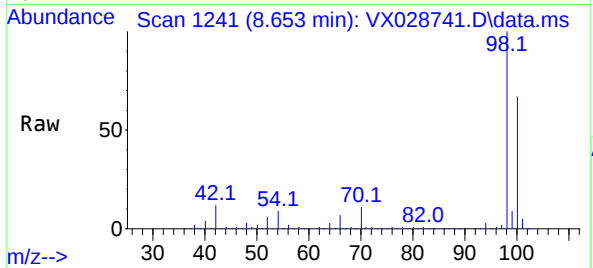




#50
Toluene-d8
Concen: 49.076 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

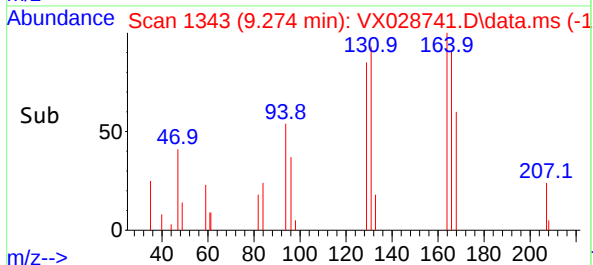
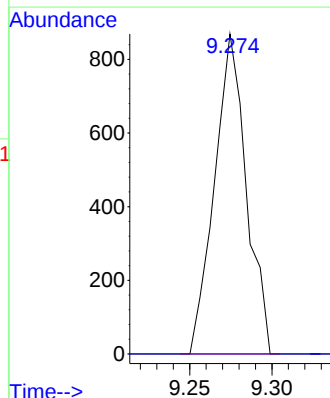
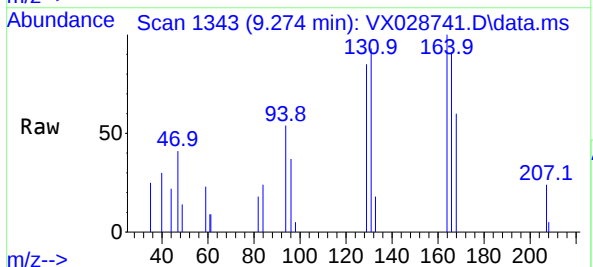
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

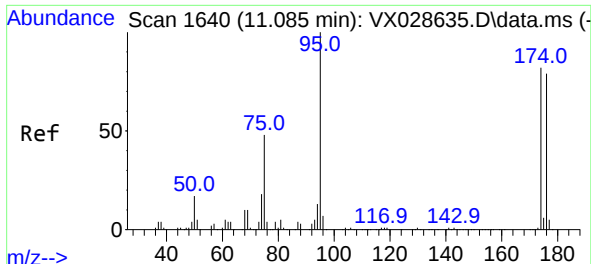
Tgt Ion: 98 Resp: 536761
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#60
Dibromochloromethane
Concen: 0.365 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion: 129 Resp: 1170
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

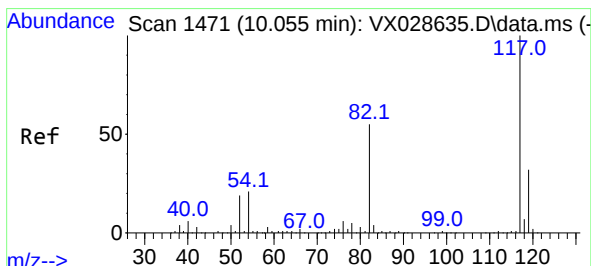
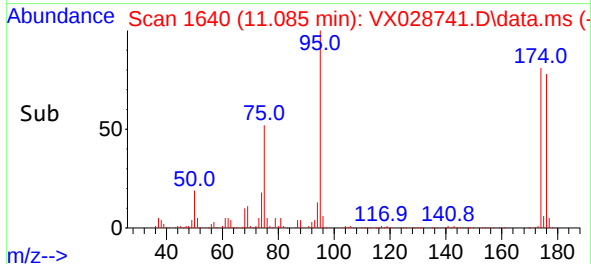
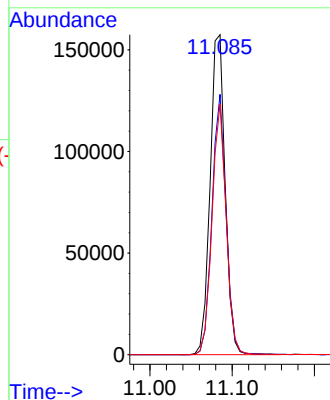
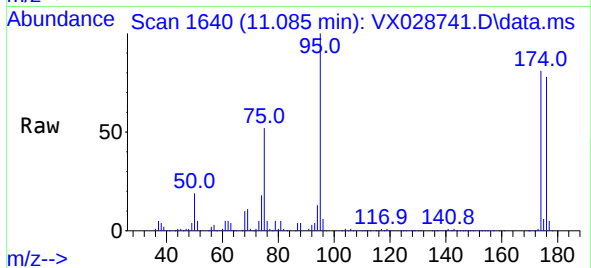




#62
4-Bromofluorobenzene
Concen: 49.101 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

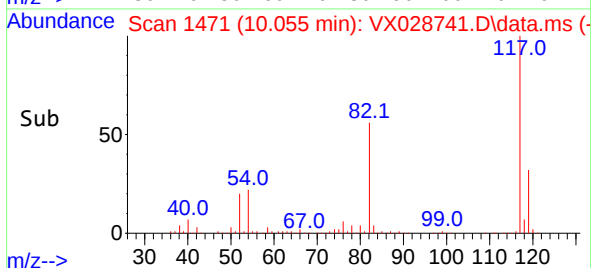
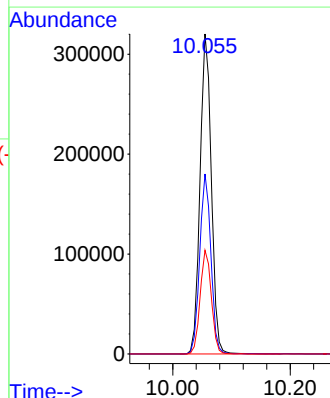
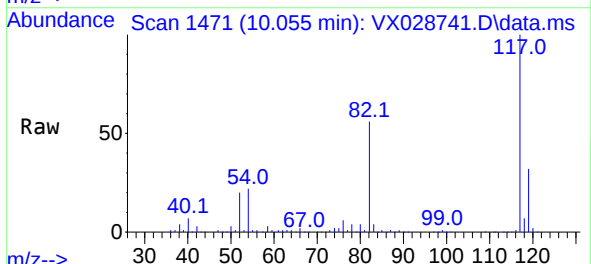
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

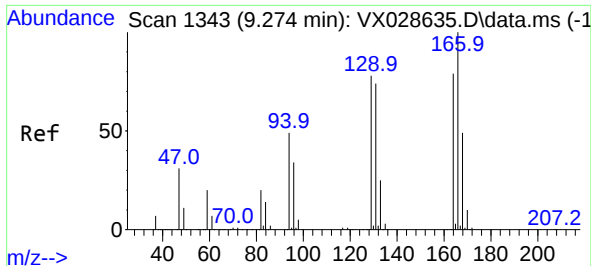
Tgt Ion: 95 Resp: 200583
Ion Ratio Lower Upper
95 100
174 76.2 0.0 163.0
176 73.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion: 117 Resp: 426706
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.4 24.8 37.2



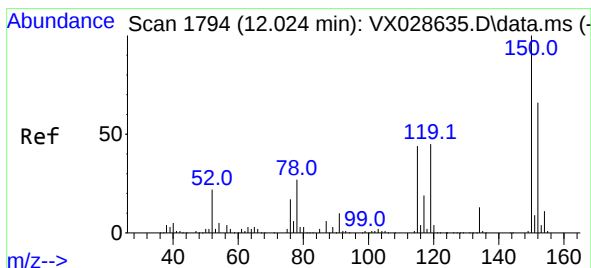
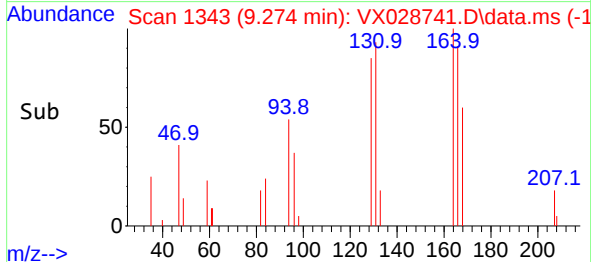
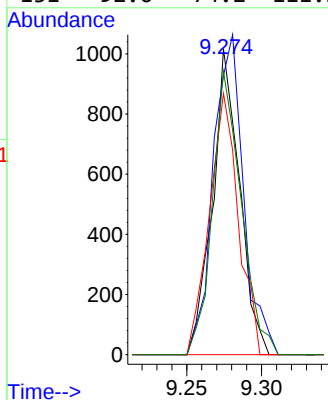
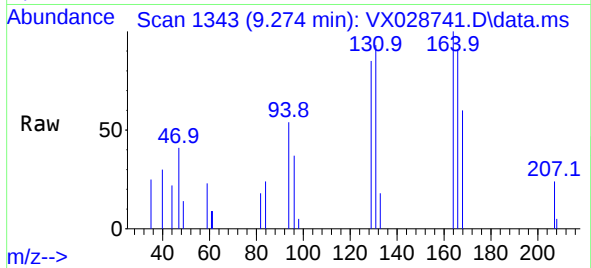


#64
Tetrachloroethene
Concen: 0.399 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

Tgt Ion:164 Resp: 1286

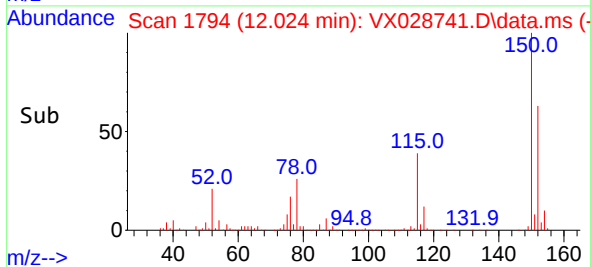
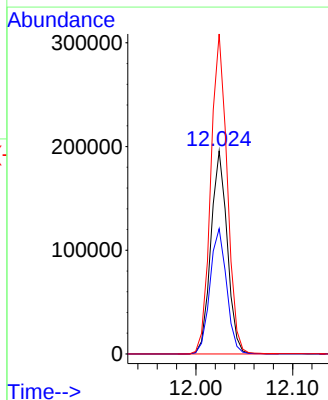
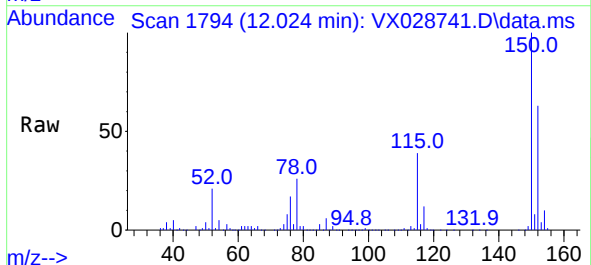
Ion	Ratio	Lower	Upper
164	100		
166	91.2	101.2	151.8#
129	85.4	73.0	109.4
131	92.6	74.2	111.2

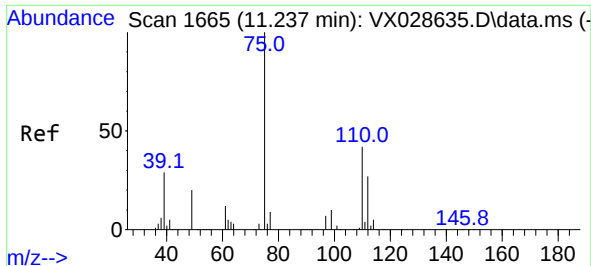


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion:152 Resp: 230394

Ion	Ratio	Lower	Upper
152	100		
115	62.9	37.5	112.7
150	158.1	0.0	338.2

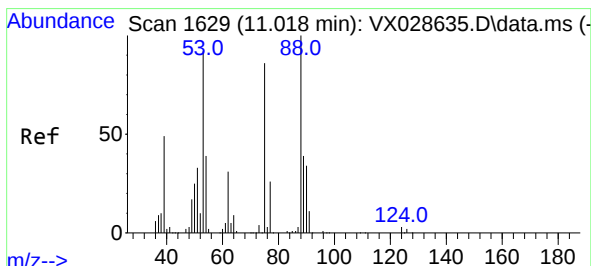
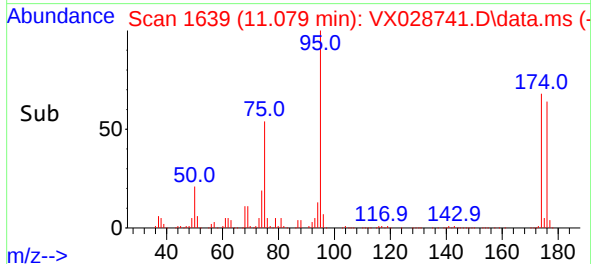
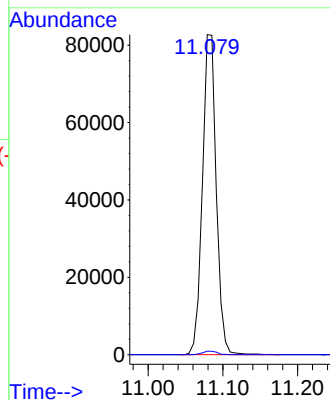
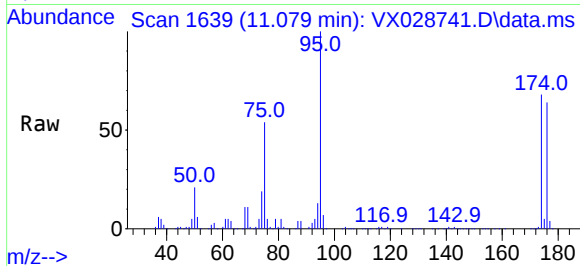




#76
1,2,3-Trichloropropane
Concen: 19.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-230-232

Tgt Ion: 75 Resp: 106234
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028741.D
Acq: 16 May 2022 19:02

Tgt Ion: 75 Resp: 106234
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

