

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028463.D
 Acq On : 30 Apr 2022 07:19
 Operator : JC/MD
 Sample : N2616-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-18S

Quant Time: Apr 30 09:25:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

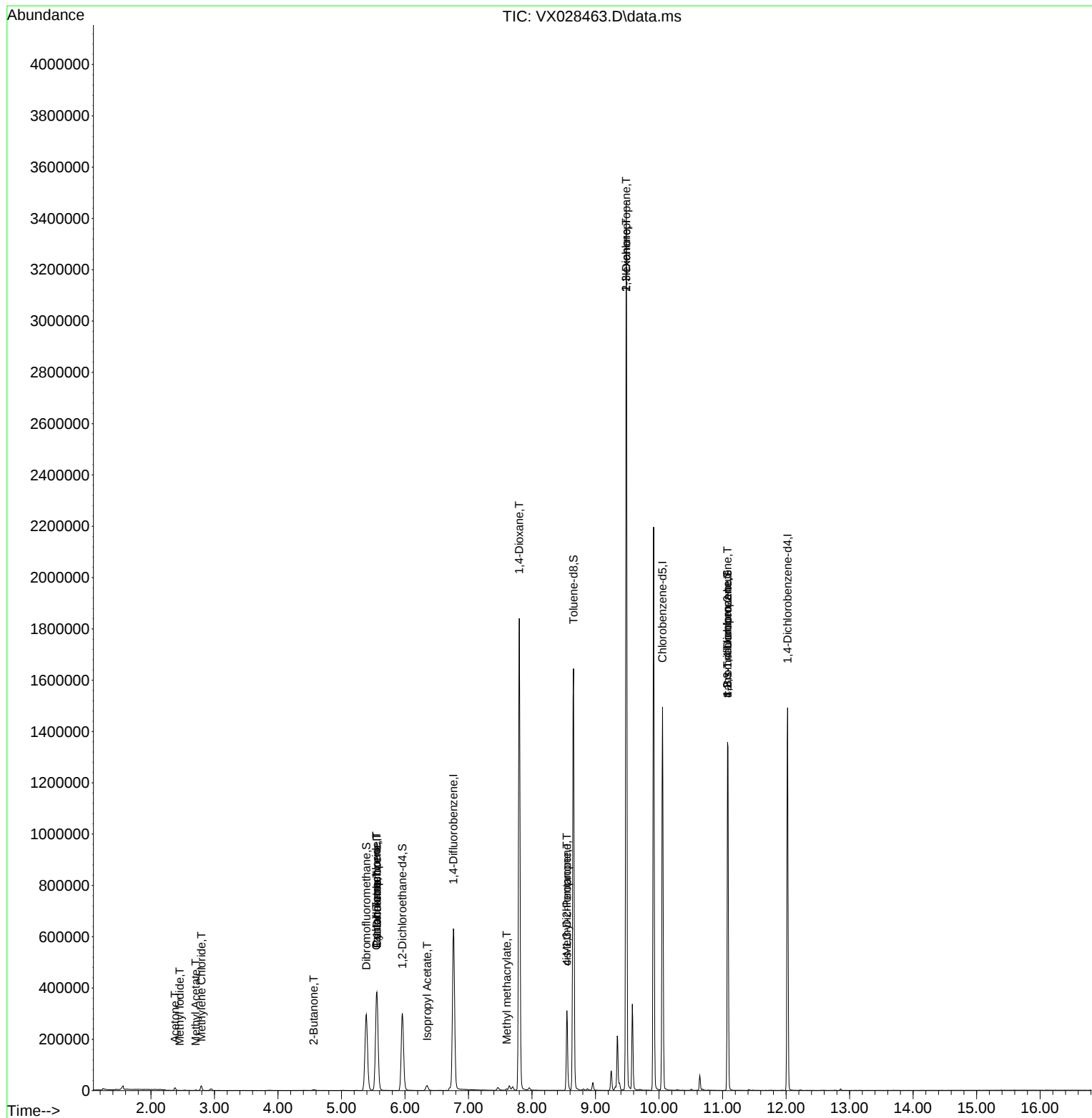
Internal Standards						
1) Pentafluorobenzene	5.556	168	376898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	663511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	687232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	286716	58.343	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.680%	
35) Dibromofluoromethane	5.391	113	254714	54.740	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.480%	
50) Toluene-d8	8.653	98	989842	55.386	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.780%	
62) 4-Bromofluorobenzene	11.079	95	357560	52.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.660%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	259	Below Cal	#	80
5) Bromomethane	1.618	94	756	Below Cal		93
6) Chloroethane	1.672	64	175	Below Cal	#	43
8) Diethyl Ether	2.130	74	82	Below Cal	#	1
10) Methyl Iodide	2.453	142	98	5.255	ug/l #	41
11) Tert butyl alcohol	2.947	59	4127	Below Cal	#	74
16) Acetone	2.380	43	11214	6.109	ug/l	96
18) Methyl Acetate	2.703	43	2730	0.625	ug/l #	87
20) Methylene Chloride	2.794	84	8106	2.223	ug/l	97
25) 2-Butanone	4.562	43	3700	1.271	ug/l	90
31) Cyclohexane	5.556	56	7474	1.248	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	28865	4.756	ug/l #	49
38) Carbon Tetrachloride	5.550	117	38493	5.618	ug/l #	15
43) Isopropyl Acetate	6.348	43	26329	2.627	ug/l	96
48) Methyl methacrylate	7.604	41	7395	1.607	ug/l #	7
49) 1,4-Dioxane	7.799	88	359	2.916	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	97265	15.122	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	52504	7.016	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	32696	4.039	ug/l #	43
59) 2-Hexanone	9.482	43	370417	74.345	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	179264	28.590	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	179264	84.961	ug/l #	15

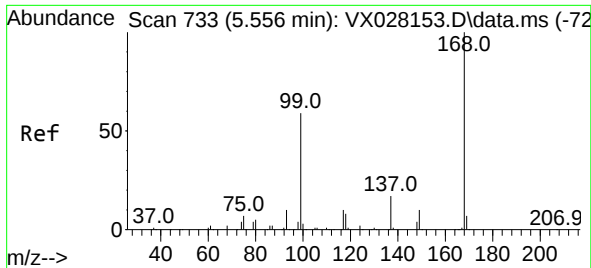
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
Data File : VX028463.D
Acq On : 30 Apr 2022 07:19
Operator : JC/MD
Sample : N2616-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-18S

Quant Time: Apr 30 09:25:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

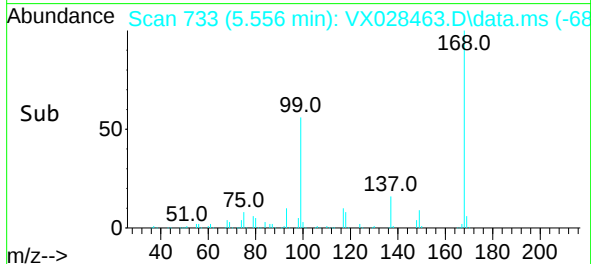
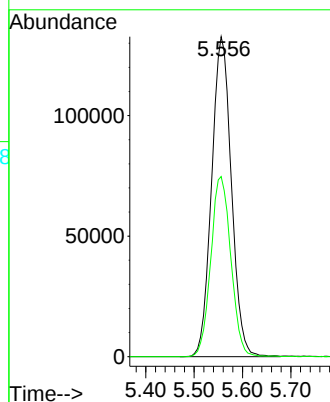
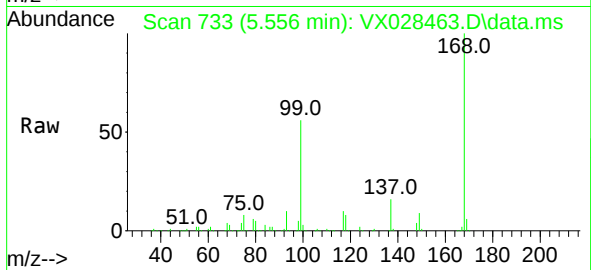




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

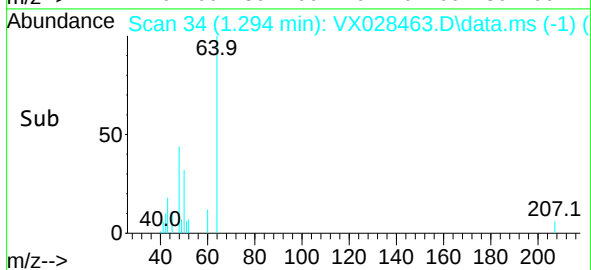
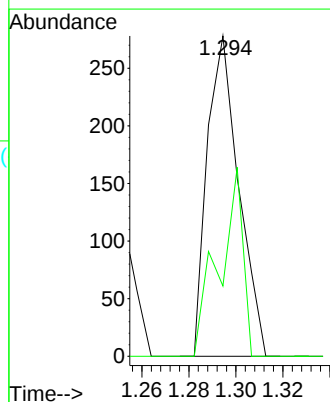
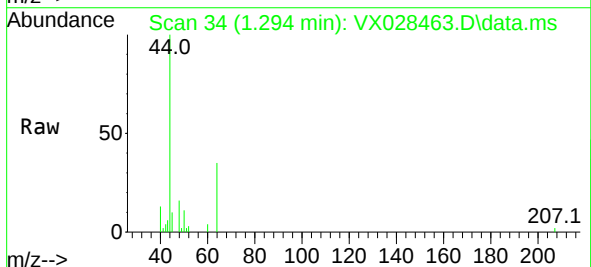
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

Tgt Ion:168 Resp: 376898
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 21.9 26.4 39.6#

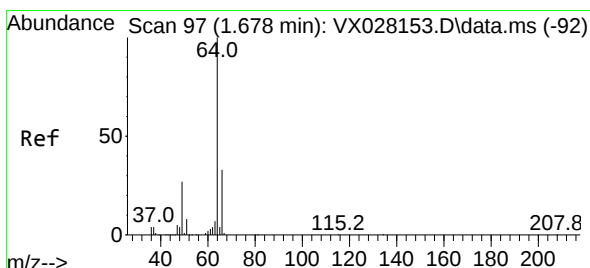
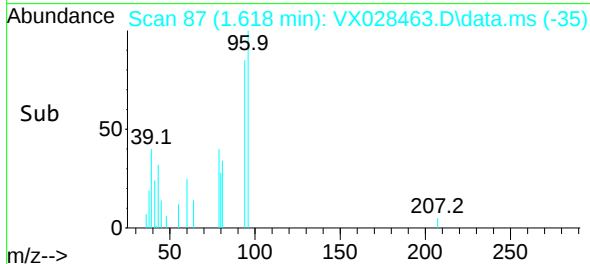
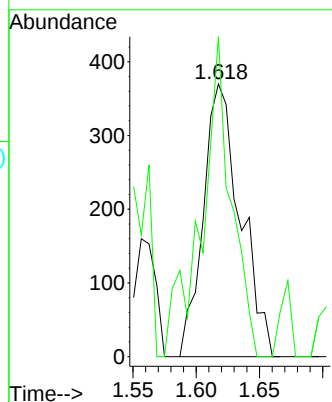
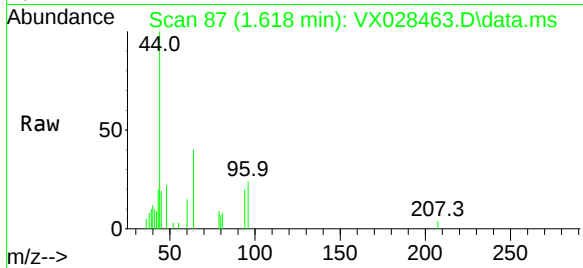




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

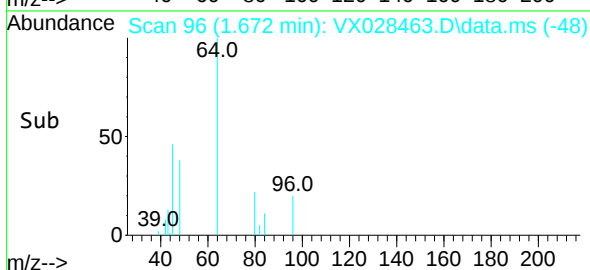
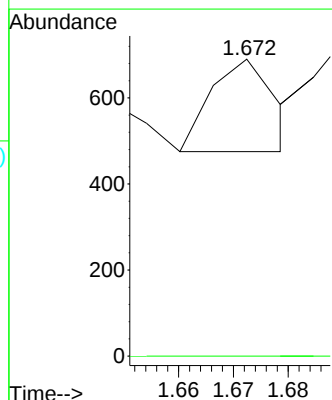
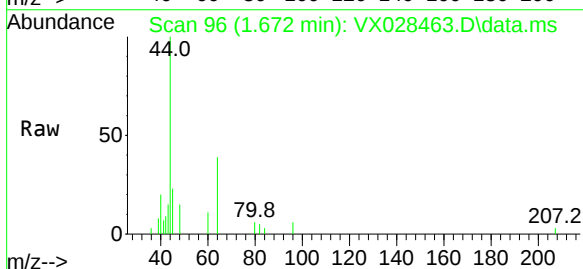
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

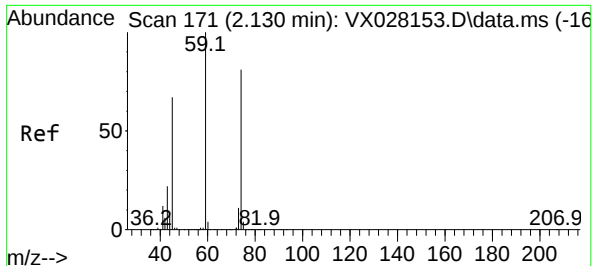
Tgt Ion: 94 Resp: 756
Ion Ratio Lower Upper
94 100
96 100.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

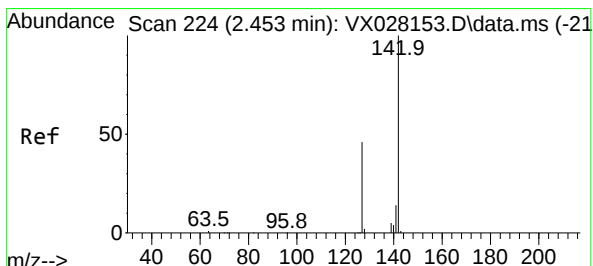
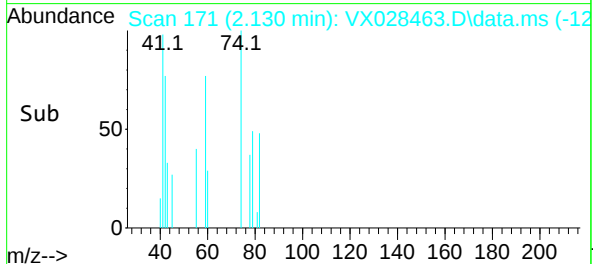
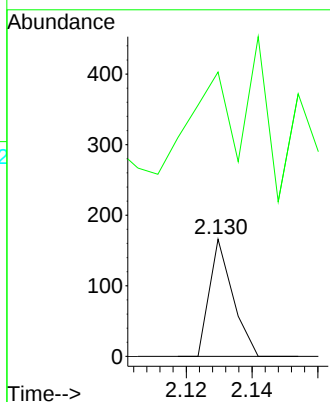
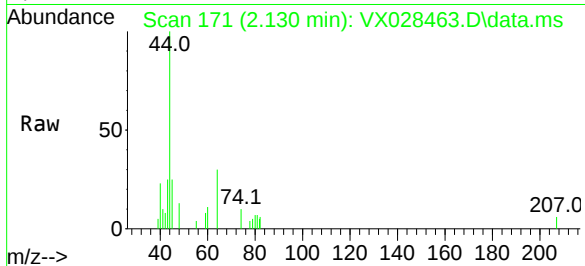




#8
Diethyl Ether
Concen: Below Cal
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

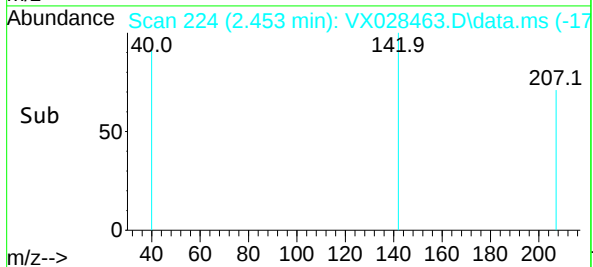
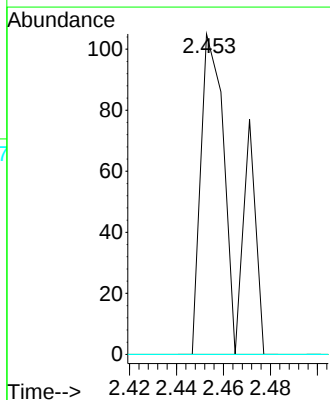
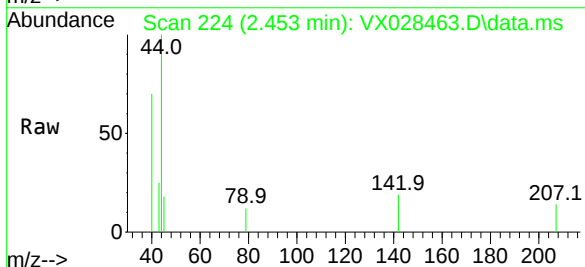
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

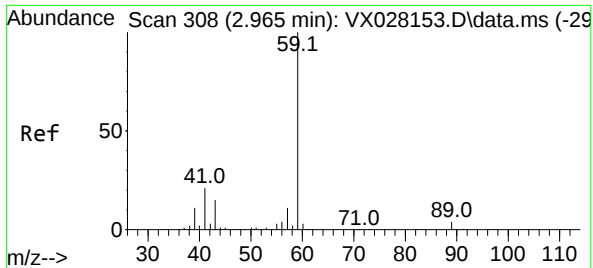
Tgt Ion: 74 Resp: 82
Ion Ratio Lower Upper
74 100
45 275.6 42.0 126.0#



#10
Methyl Iodide
Concen: 5.255 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 142 Resp: 98
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#

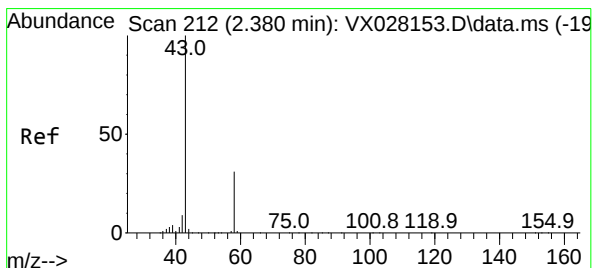
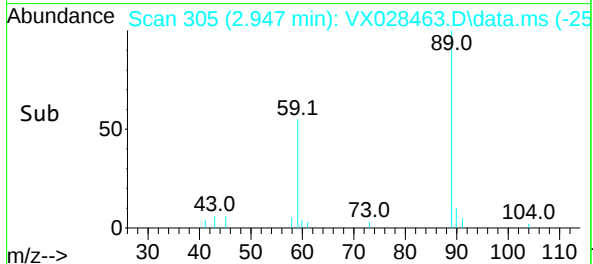
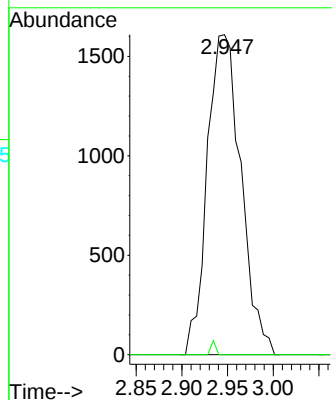
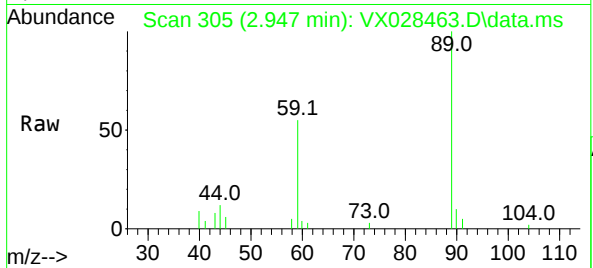




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

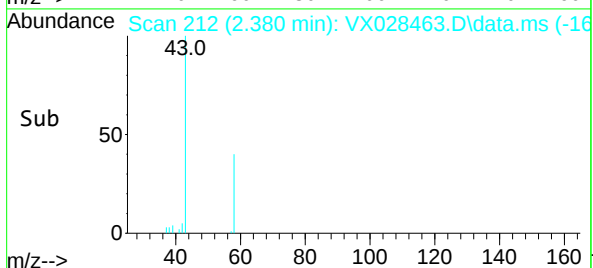
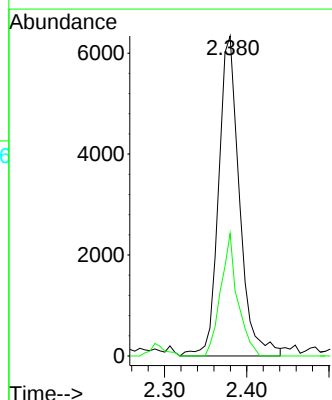
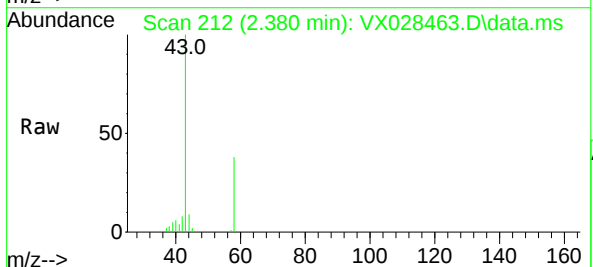
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

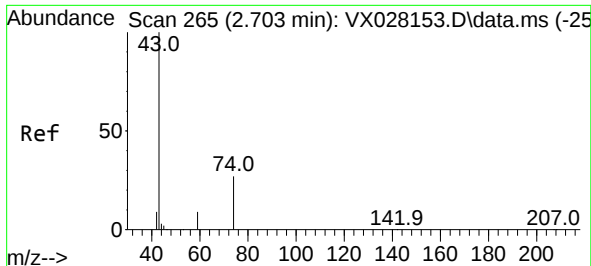
Tgt Ion: 59 Resp: 4127
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#



#16
Acetone
Concen: 6.109 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 43 Resp: 11214
Ion Ratio Lower Upper
43 100
58 38.3 28.8 43.2

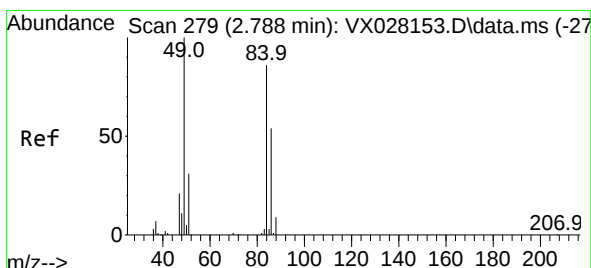
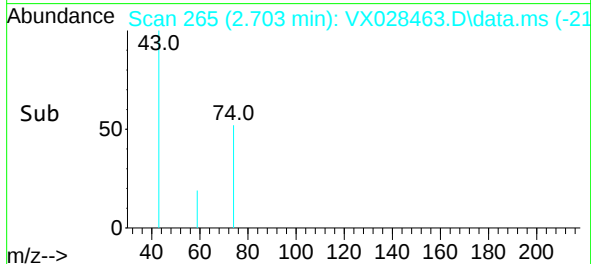
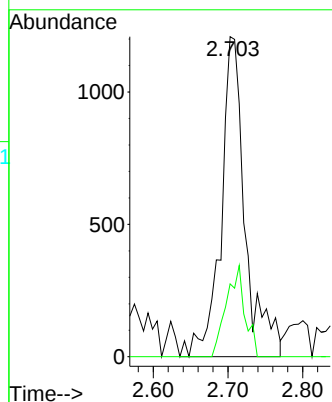
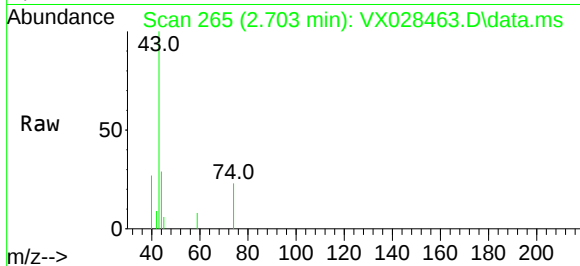




#18
Methyl Acetate
Concen: 0.625 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

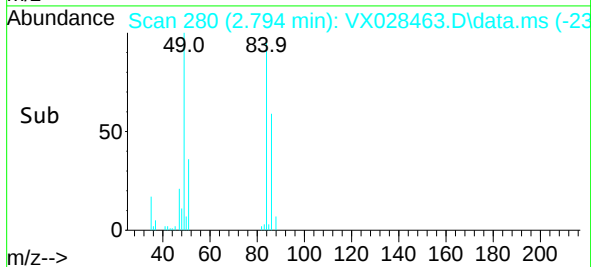
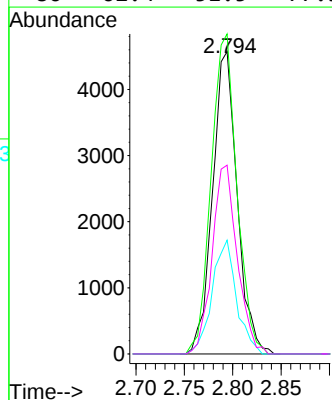
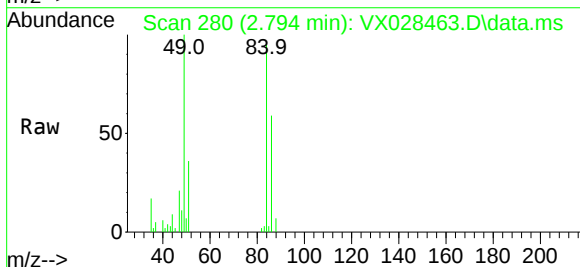
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

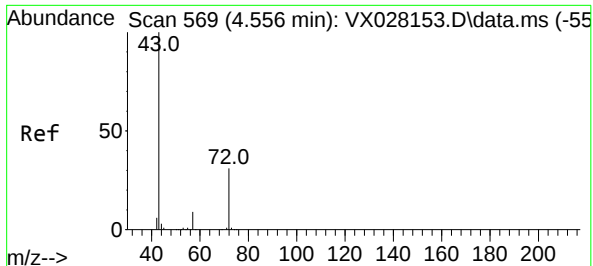
Tgt Ion: 43 Resp: 2730
Ion Ratio Lower Upper
43 100
74 21.9 22.8 34.2#



#20
Methylene Chloride
Concen: 2.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 84 Resp: 8106
Ion Ratio Lower Upper
84 100
49 105.8 85.5 128.3
51 37.6 26.6 39.8
86 62.4 51.5 77.3





#25

2-Butanone

Concen: 1.271 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028463.D

Acq: 30 Apr 2022 07:19

Instrument :

MSVOA_X

ClientSampleId :

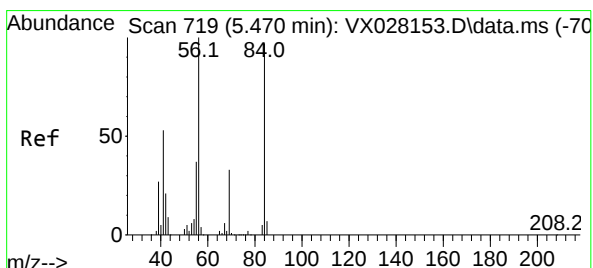
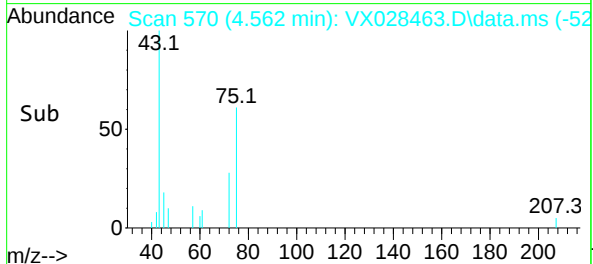
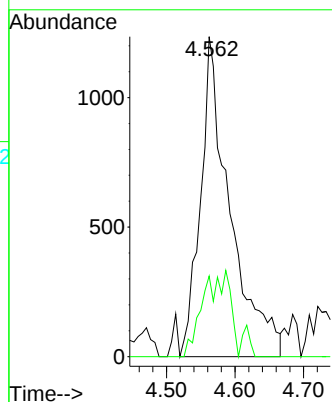
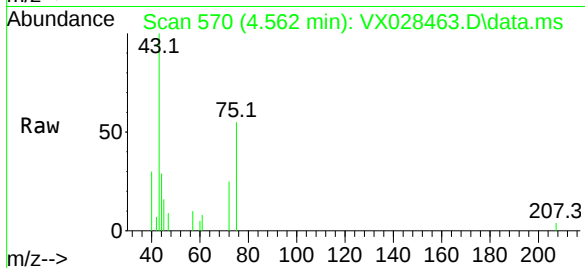
MH-18S

Tgt Ion: 43 Resp: 3700

Ion Ratio Lower Upper

43 100

72 25.2 24.4 36.6



#31

Cyclohexane

Concen: 1.248 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX028463.D

Acq: 30 Apr 2022 07:19

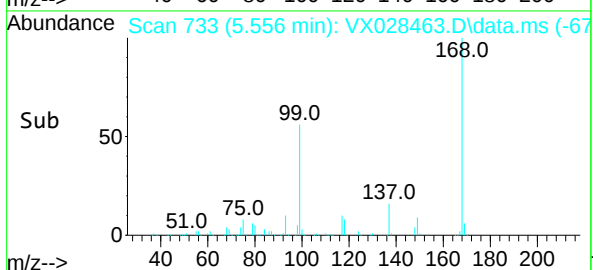
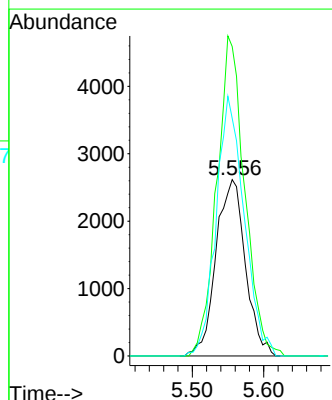
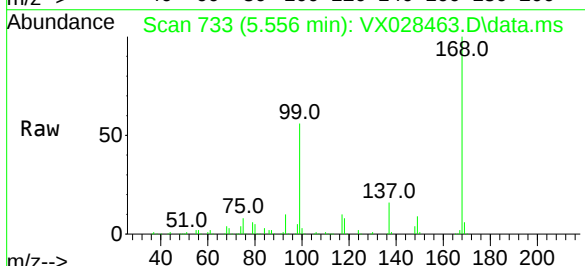
Tgt Ion: 56 Resp: 7474

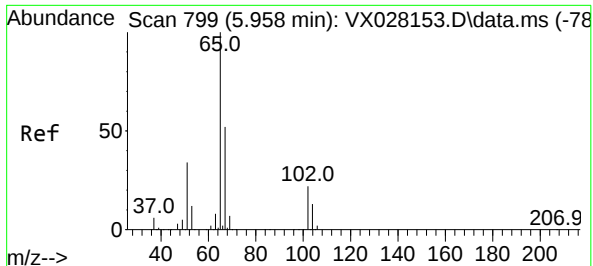
Ion Ratio Lower Upper

56 100

69 175.5 26.7 40.1#

84 134.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.343 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028463.D

Acq: 30 Apr 2022 07:19

Instrument :

MSVOA_X

ClientSampleId :

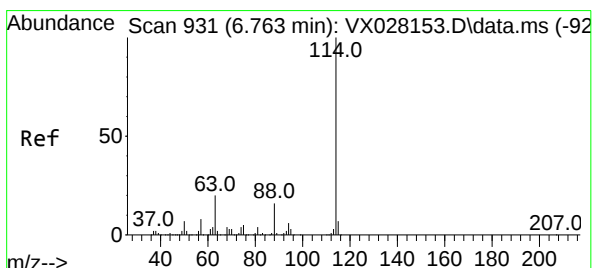
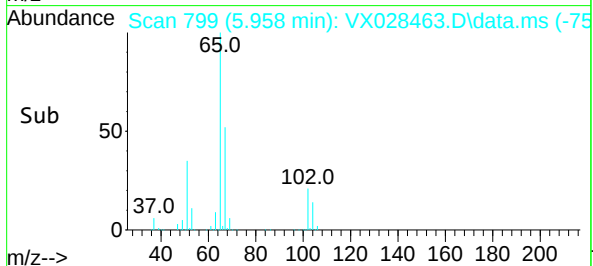
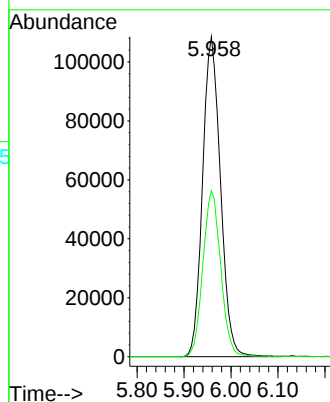
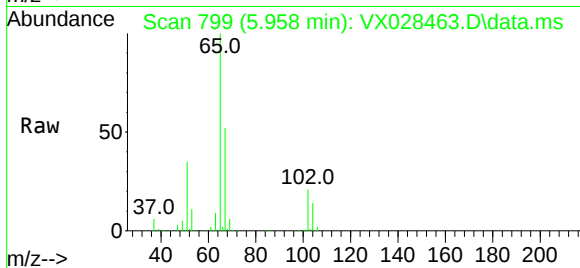
MH-18S

Tgt Ion: 65 Resp: 286716

Ion Ratio Lower Upper

65 100

67 51.5 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: VX028463.D

Acq: 30 Apr 2022 07:19

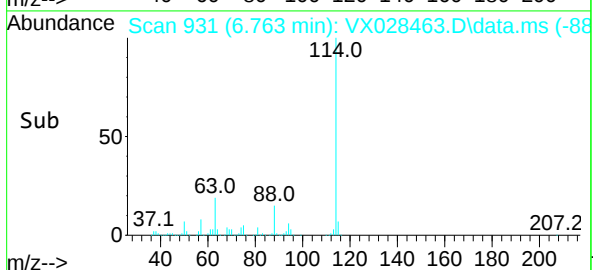
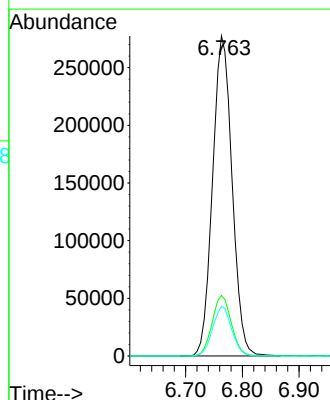
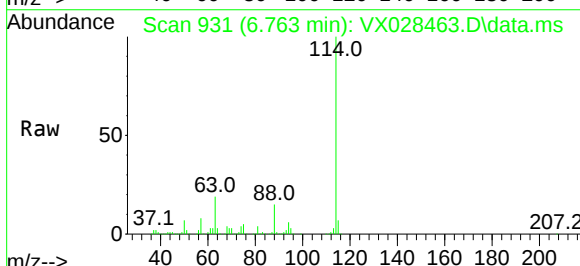
Tgt Ion: 114 Resp: 663511

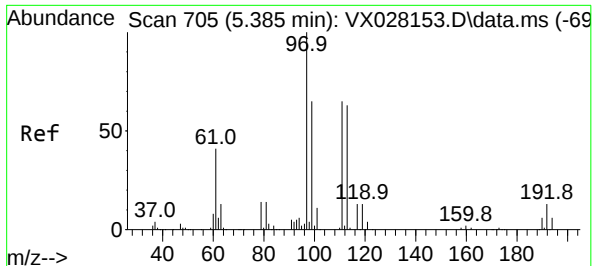
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.740 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028463.D

Acq: 30 Apr 2022 07:19

Instrument :

MSVOA_X

ClientSampleId :

MH-18S

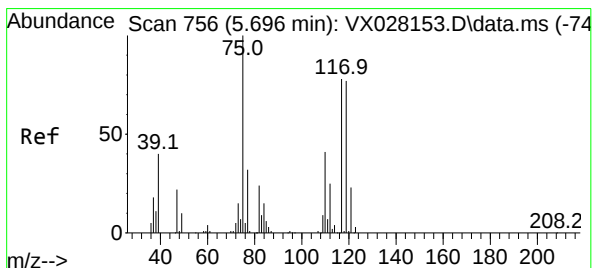
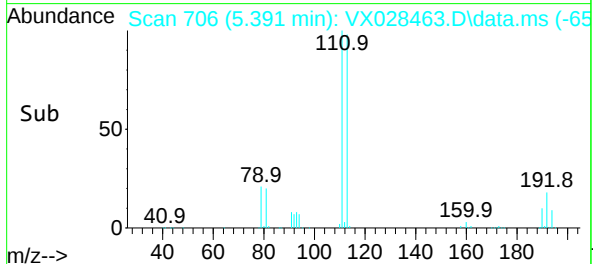
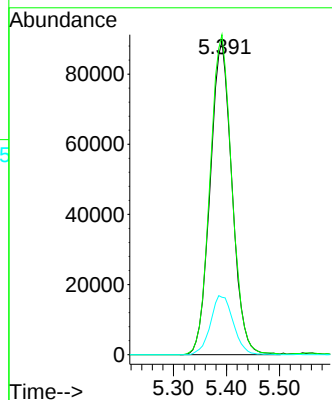
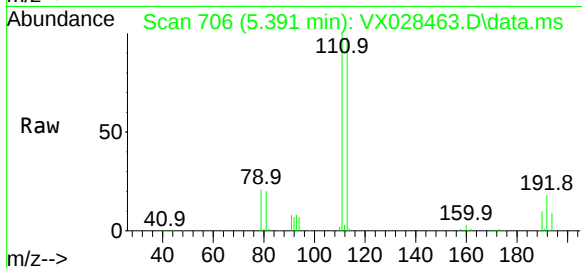
Tgt Ion:113 Resp: 254714

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028463.D

Acq: 30 Apr 2022 07:19

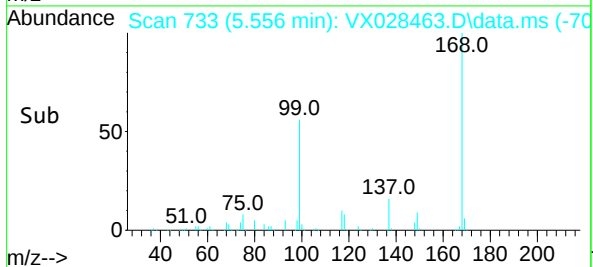
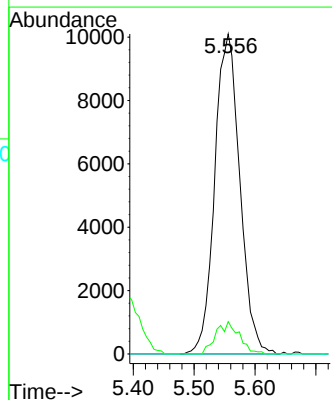
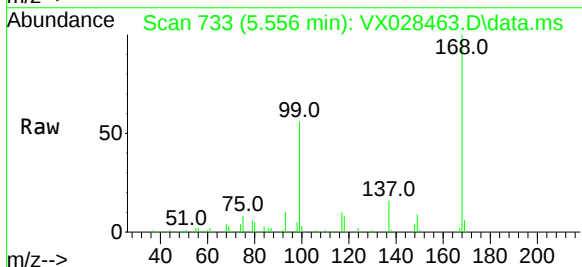
Tgt Ion: 75 Resp: 28865

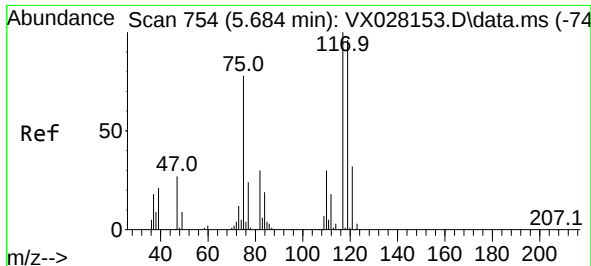
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 24.8 37.2#

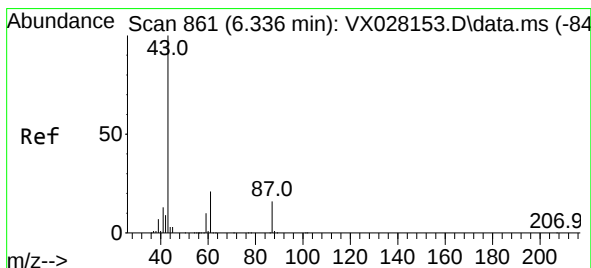
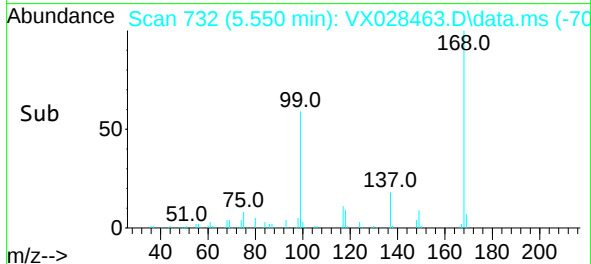
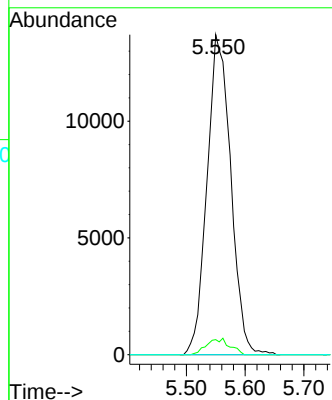
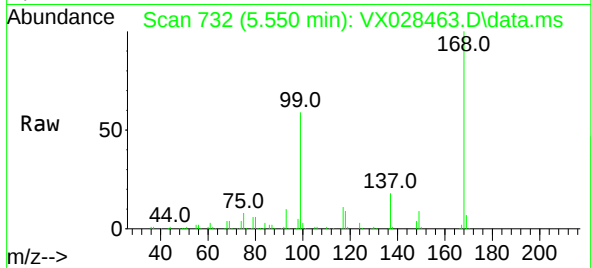




#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

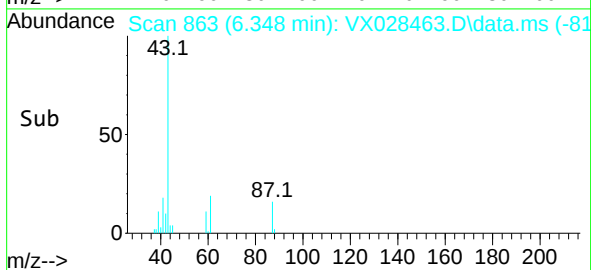
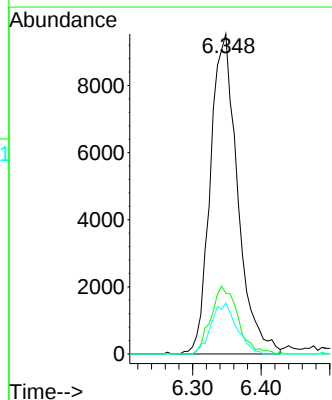
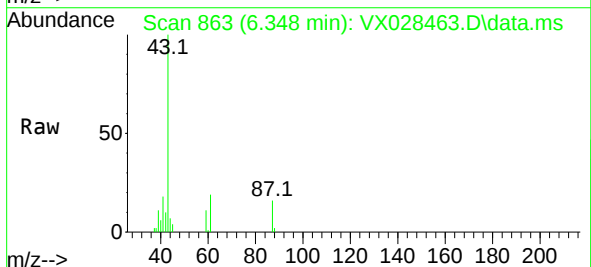
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

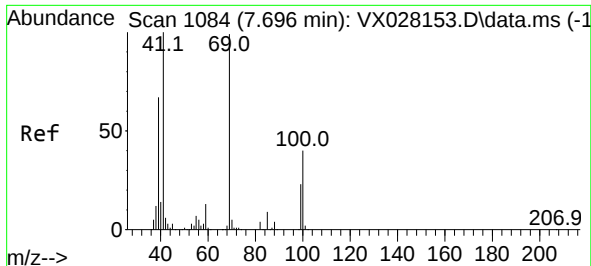
Tgt Ion:117 Resp: 38493
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.627 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 43 Resp: 26329
Ion Ratio Lower Upper
43 100
61 21.1 18.5 27.7
87 15.0 13.0 19.6

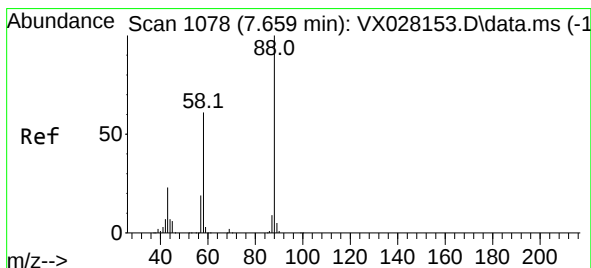
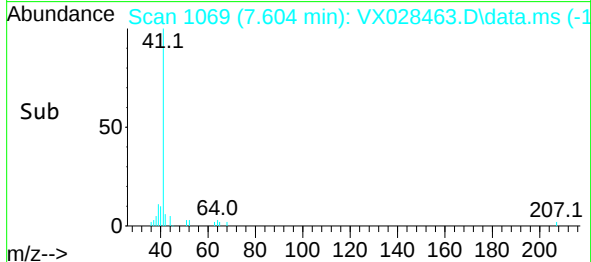
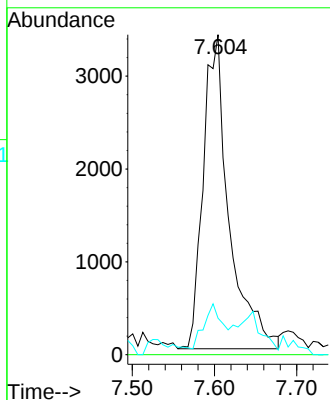
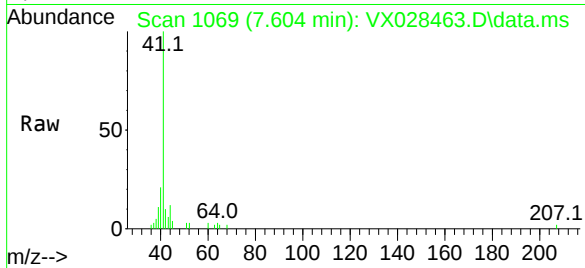




#48
Methyl methacrylate
Concen: 1.607 ug/l
RT: 7.604 min Scan# 1100
Delta R.T. -0.092 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

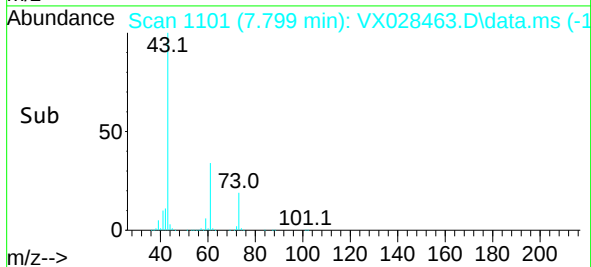
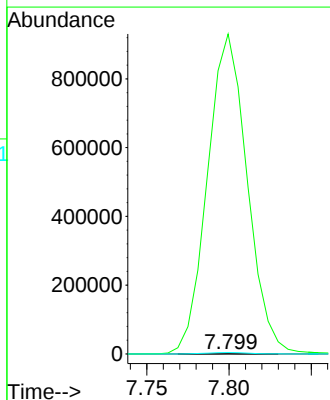
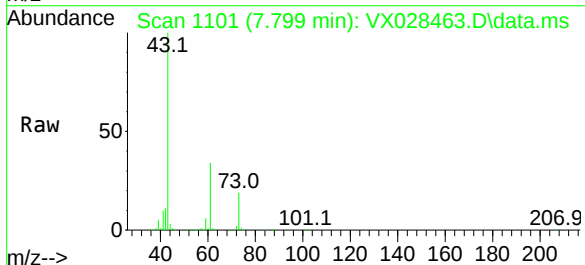
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

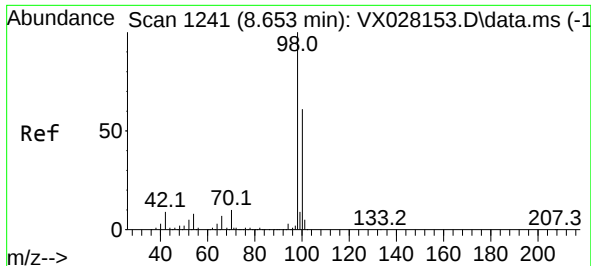
Tgt Ion: 41 Resp: 7395
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 2.916 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 88 Resp: 359
Ion Ratio Lower Upper
88 100
43 438395.3 21.9 32.9#
58 2179.4 53.7 80.5#

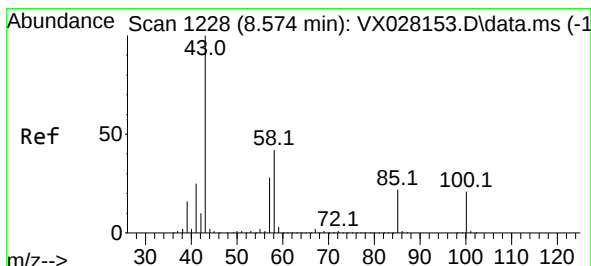
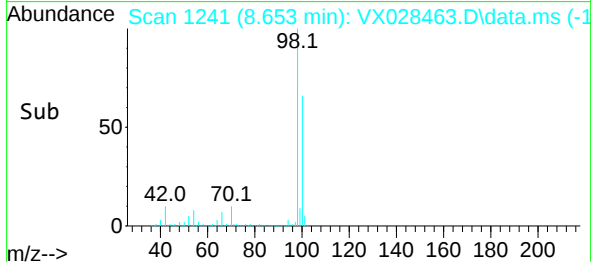
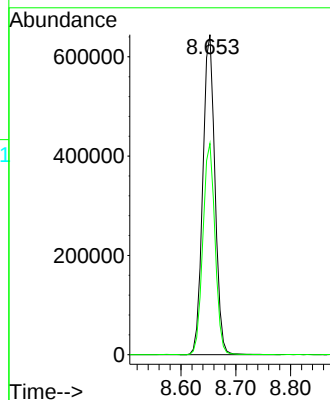
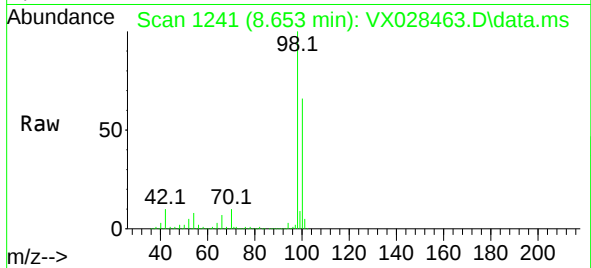




#50
Toluene-d8
Concen: 55.386 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

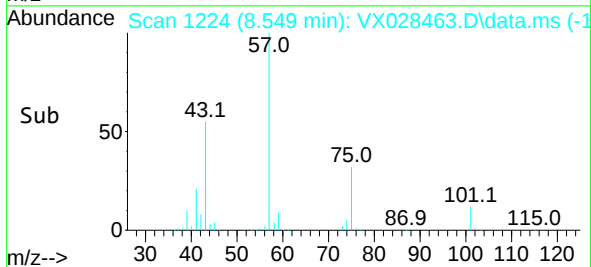
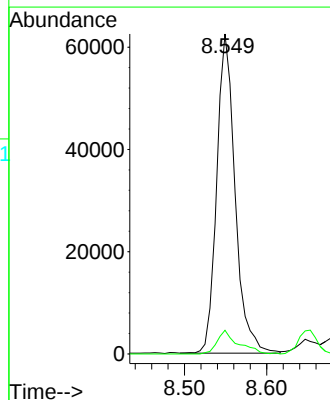
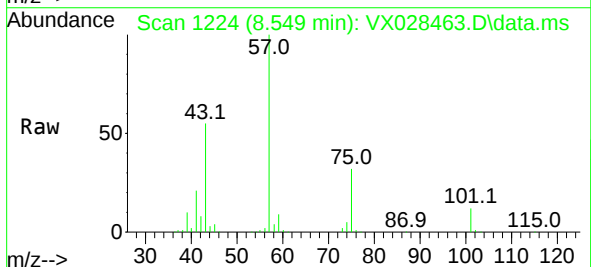
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

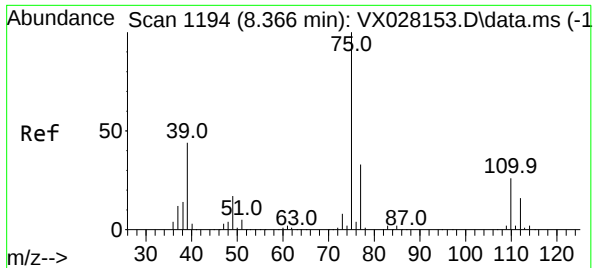
Tgt Ion: 98 Resp: 989842
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 15.122 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 43 Resp: 97265
Ion Ratio Lower Upper
43 100
58 8.5 36.1 54.1#

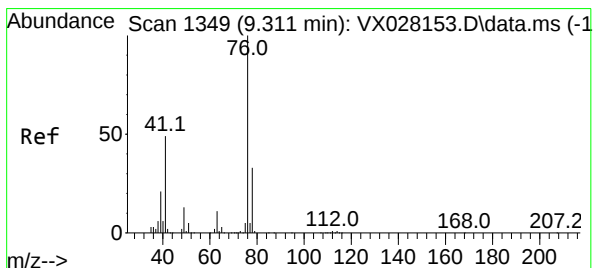
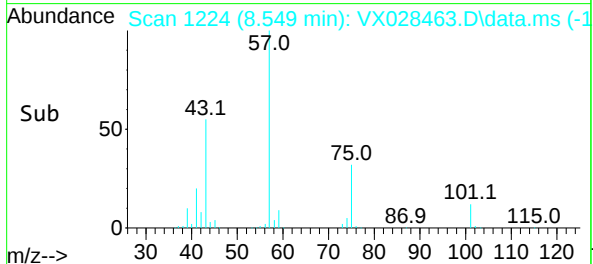
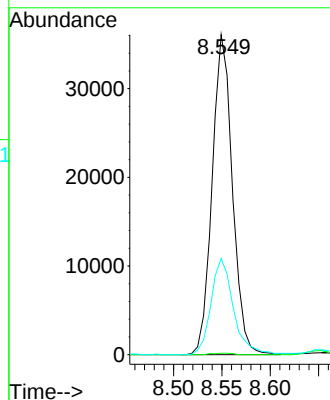
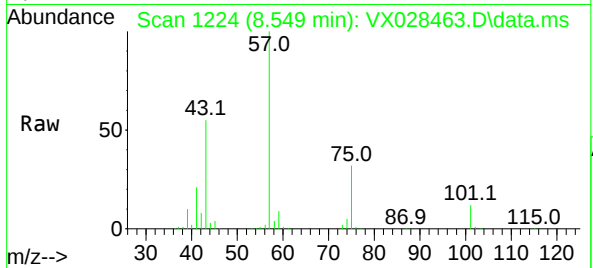




#54
 cis-1,3-Dichloropropene
 Concen: 7.016 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028463.D
 Acq: 30 Apr 2022 07:19

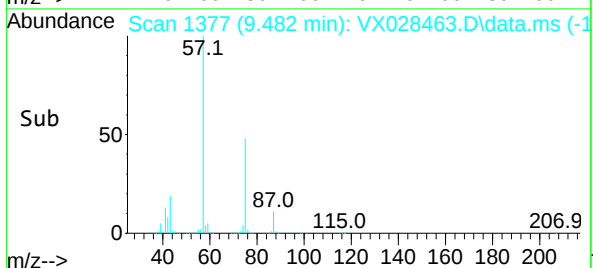
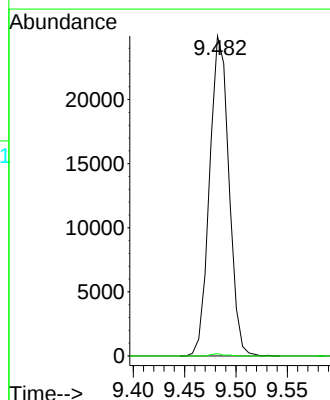
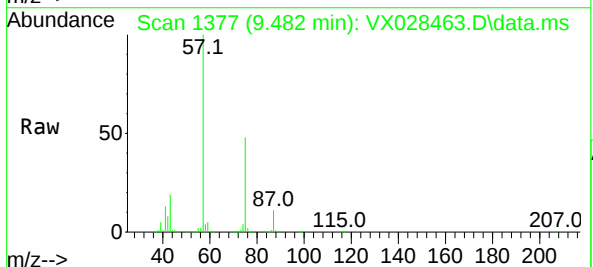
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-18S

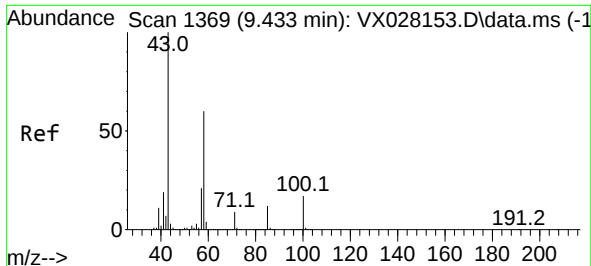
Tgt Ion: 75 Resp: 52504
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.8 37.2#
 39 30.1 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.039 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028463.D
 Acq: 30 Apr 2022 07:19

Tgt Ion: 76 Resp: 32696
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.8#

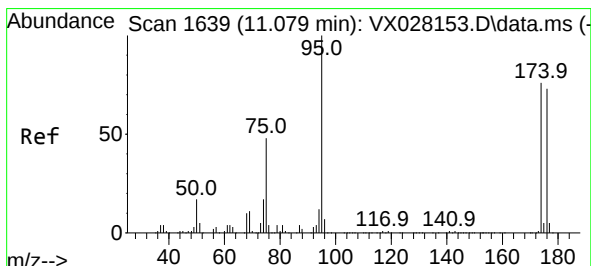
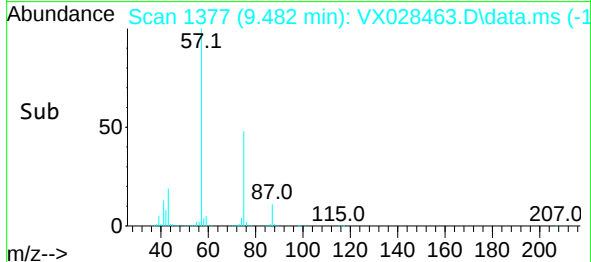
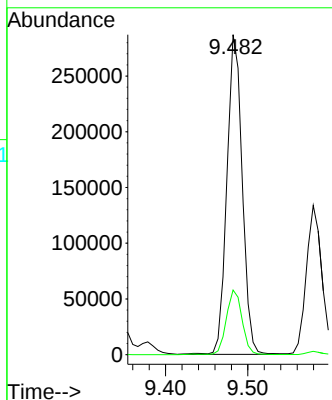
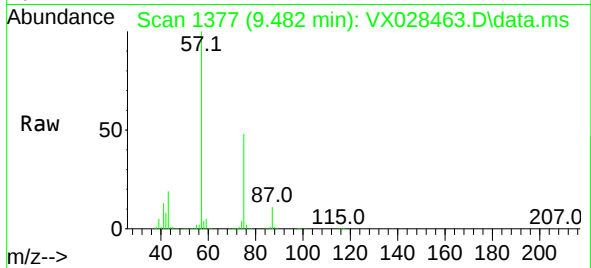




#59
2-Hexanone
Concen: 74.345 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

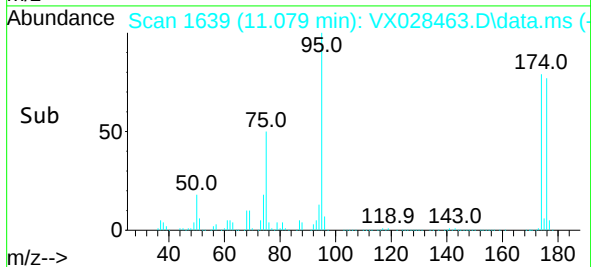
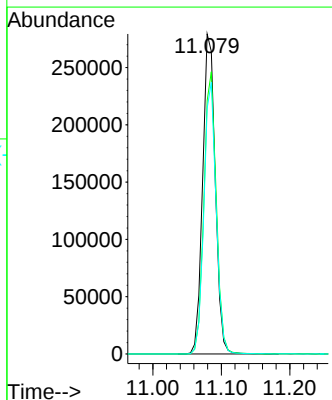
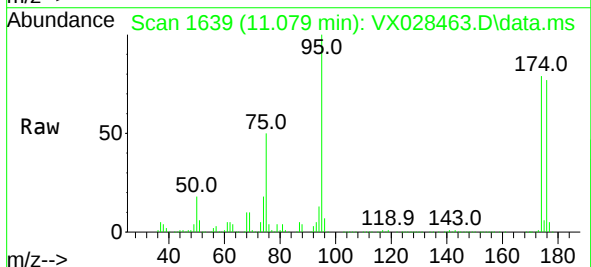
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

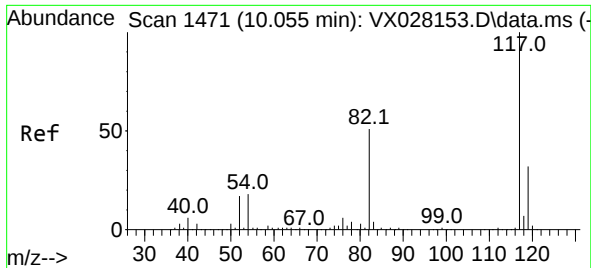
Tgt Ion: 43 Resp: 370417
Ion Ratio Lower Upper
43 100
58 20.4 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 52.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 95 Resp: 357560
Ion Ratio Lower Upper
95 100
174 86.4 0.0 163.0
176 82.6 0.0 155.0

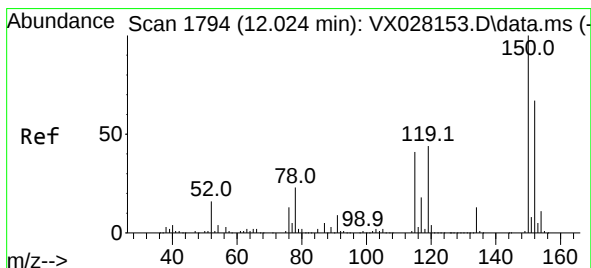
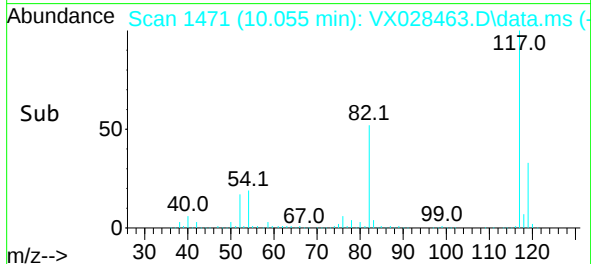
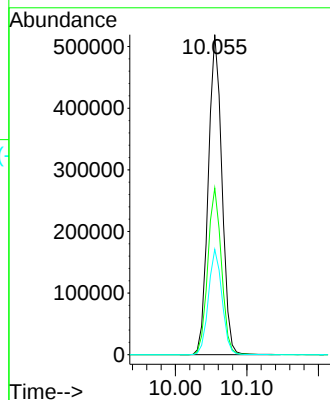
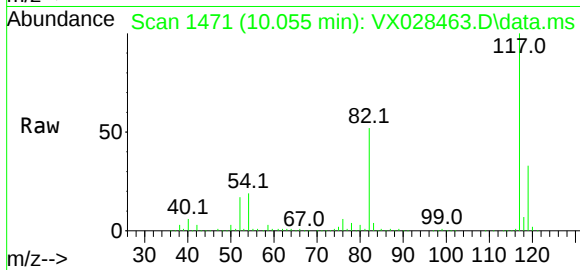




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

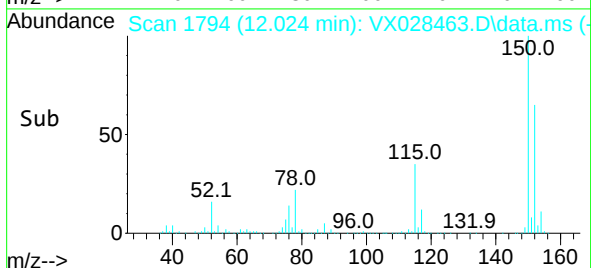
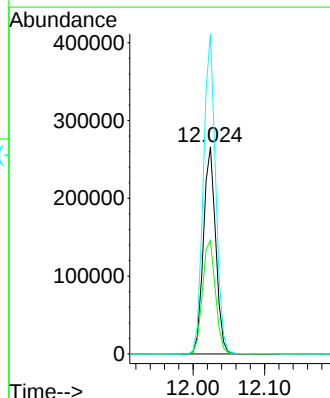
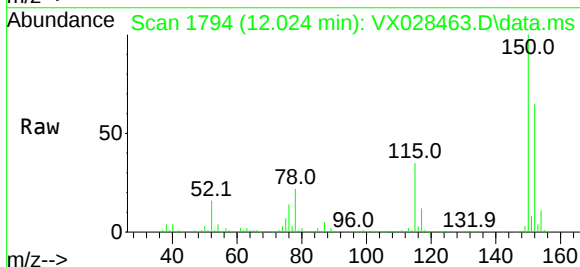
Instrument :
MSVOA_X
ClientSampleId :
MH-18S

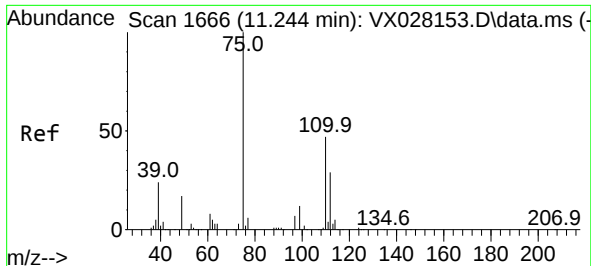
Tgt Ion:117 Resp: 687232
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion:152 Resp: 318600
Ion Ratio Lower Upper
152 100
115 57.8 37.5 112.7
150 154.2 0.0 338.2

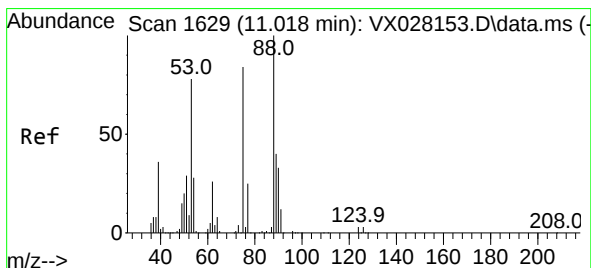
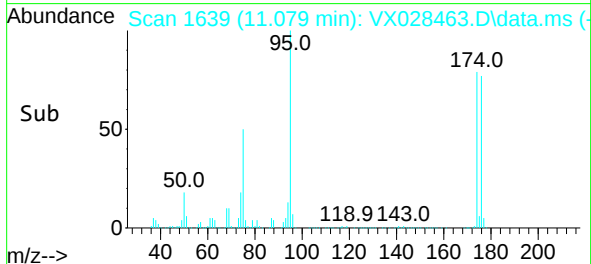
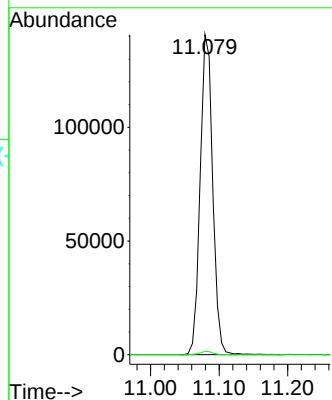
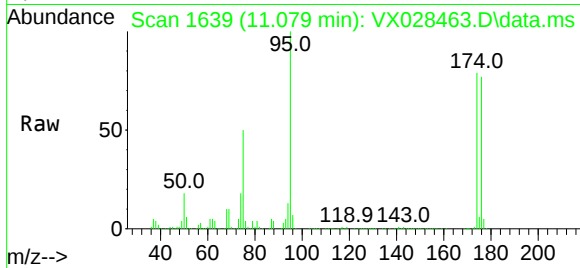




#76
1,2,3-Trichloropropane
Concen: 28.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Instrument :
MSVOA_X
ClientSampleId :
MH-18S

Tgt Ion: 75 Resp: 179264
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028463.D
Acq: 30 Apr 2022 07:19

Tgt Ion: 75 Resp: 179264
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

