

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028253.D
 Acq On : 21 Apr 2022 19:52
 Operator : JC/MD
 Sample : N2511-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1530

Quant Time: Apr 22 06:19:19 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)

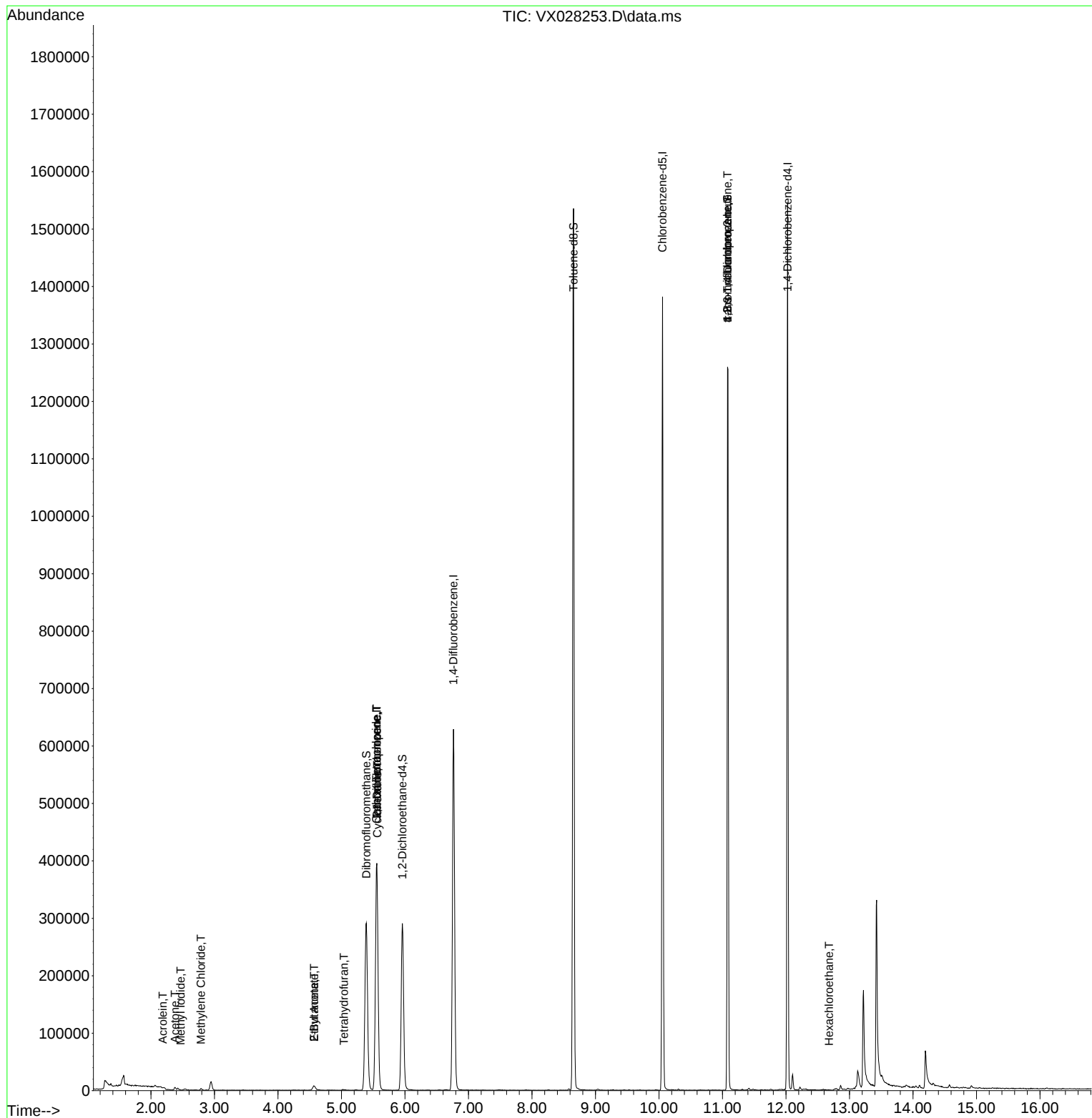
Internal Standards						
1) Pentafluorobenzene	5.556	168	387015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	674962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	634867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	305250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	278224	55.135	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.280%	
35) Dibromofluoromethane	5.391	113	254245	53.712	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.420%	
50) Toluene-d8	8.653	98	925678	50.917	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	11.079	95	339571	48.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1011	Below Cal	#	87
5) Bromomethane	1.612	94	713	Below Cal		88
6) Chloroethane	1.758	64	382	Below Cal	#	57
8) Diethyl Ether	2.105	74	30	Below Cal	#	1
10) Methyl Iodide	2.465	142	442	5.327	ug/l #	76
11) Tert butyl alcohol	2.947	59	8196	Below Cal	#	75
13) Acrolein	2.185	56	248	0.401	ug/l #	15
16) Acetone	2.380	43	5422	2.134	ug/l	95
20) Methylene Chloride	2.788	84	1289	0.344	ug/l #	87
25) 2-Butanone	4.568	43	8098	2.710	ug/l	94
29) Tetrahydrofuran	5.038	42	533	0.274	ug/l #	41
31) Cyclohexane	5.562	56	7942	1.292	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	28370	4.595	ug/l #	50
37) Ethyl Acetate	4.568	43	8098	1.293	ug/l #	70
38) Carbon Tetrachloride	5.550	117	39328	5.642	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	170805	28.432	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	170805	84.492	ug/l #	15
90) Hexachloroethane	12.677	117	32	1.823	ug/l #	10

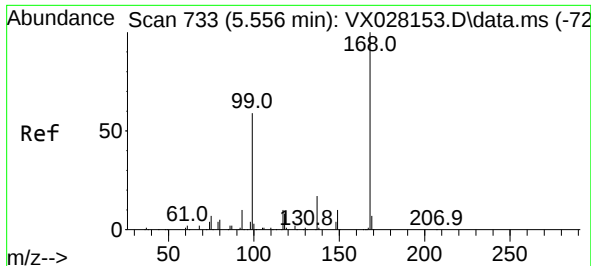
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028253.D
Acq On : 21 Apr 2022 19:52
Operator : JC/MD
Sample : N2511-06 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1530

Quant Time: Apr 22 06:19:19 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

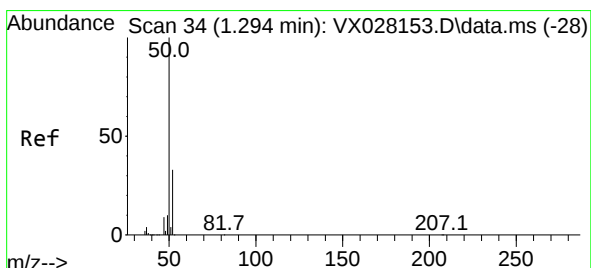
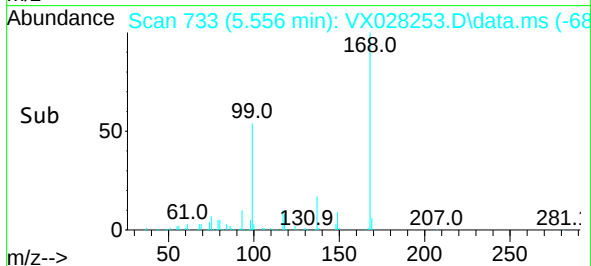
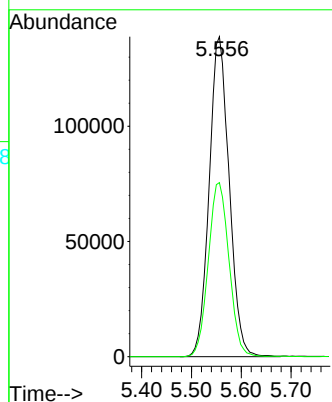
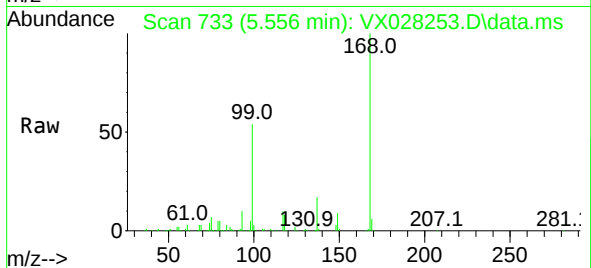




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

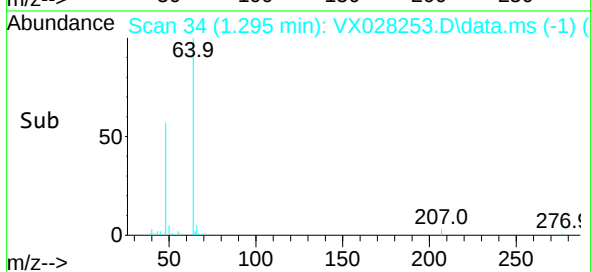
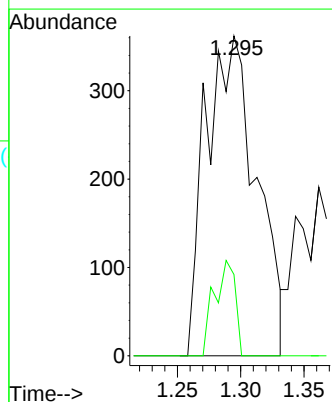
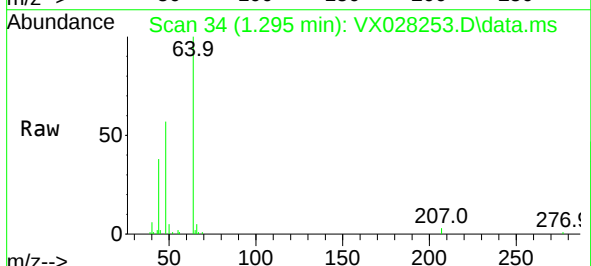
Instrument :
MSVOA_X
ClientSampleId :
1530

Tgt Ion:168 Resp: 387015
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 50 Resp: 1011
Ion Ratio Lower Upper
50 100
52 25.4 26.4 39.6#





#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX028253.D

Acq: 21 Apr 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

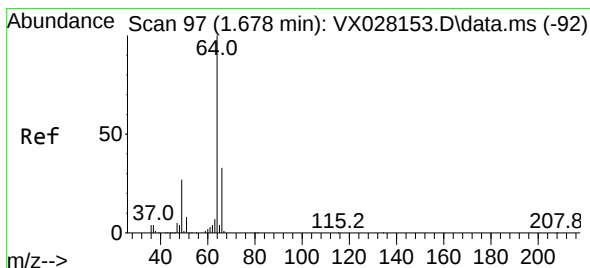
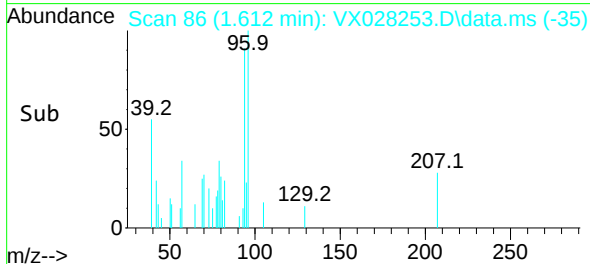
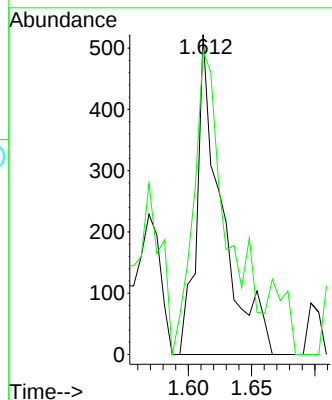
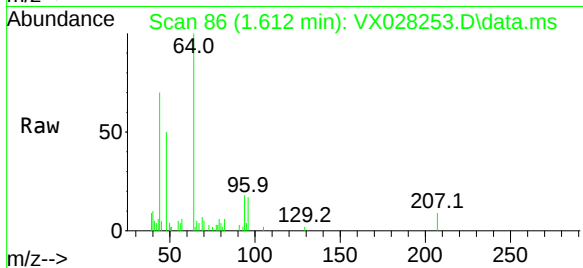
1530

Tgt Ion: 94 Resp: 713

Ion Ratio Lower Upper

94 100

96 82.6 75.3 112.9



#6

Chloroethane

Concen: Below Cal

RT: 1.758 min Scan# 110

Delta R.T. 0.080 min

Lab File: VX028253.D

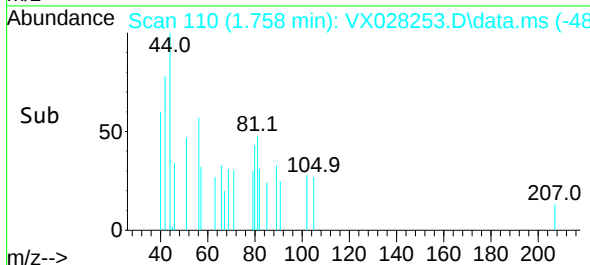
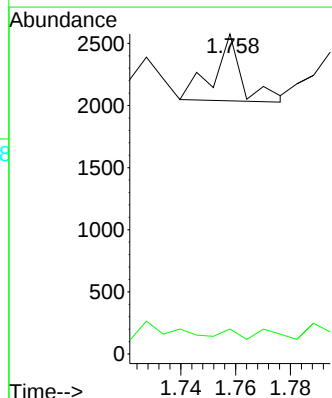
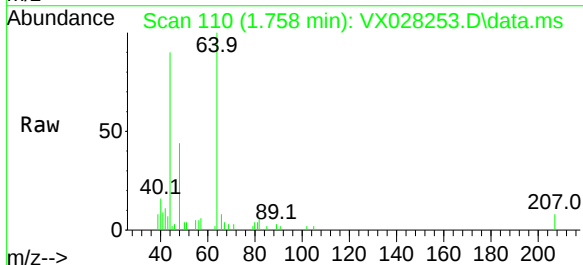
Acq: 21 Apr 2022 19:52

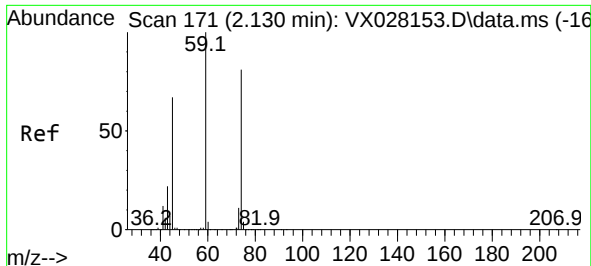
Tgt Ion: 64 Resp: 382

Ion Ratio Lower Upper

64 100

66 7.8 25.3 37.9#

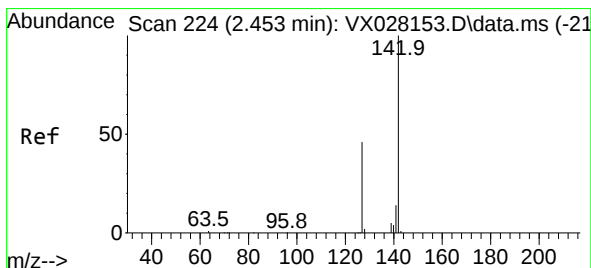
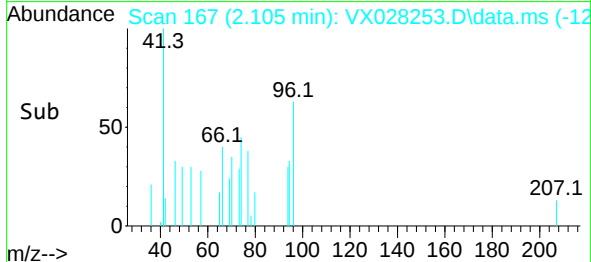
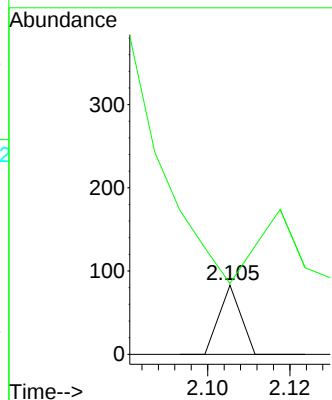
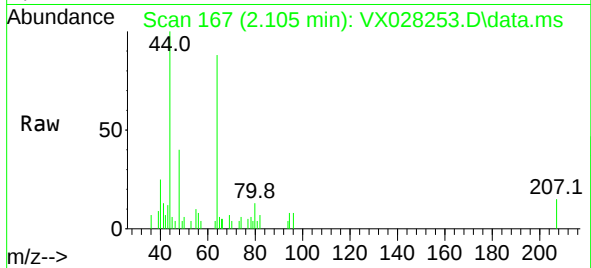




#8
Diethyl Ether
Concen: Below Cal
RT: 2.105 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

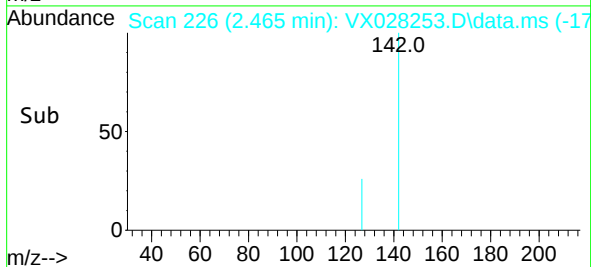
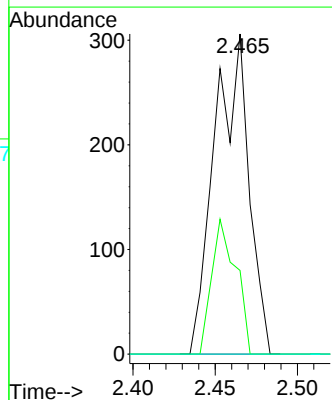
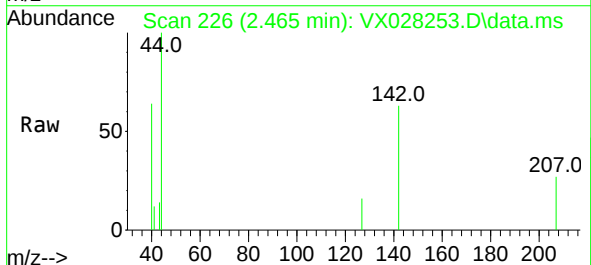
Instrument :
MSVOA_X
ClientSampleId :
1530

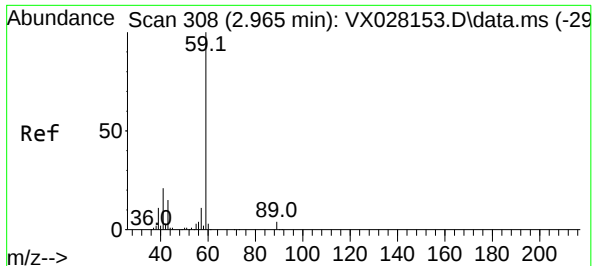
Tgt Ion: 74 Resp: 30
Ion Ratio Lower Upper
74 100
45 206.7 42.0 126.0#



#10
Methyl Iodide
Concen: 5.327 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 142 Resp: 442
Ion Ratio Lower Upper
142 100
127 29.9 33.9 50.9#
141 0.0 11.4 17.2#

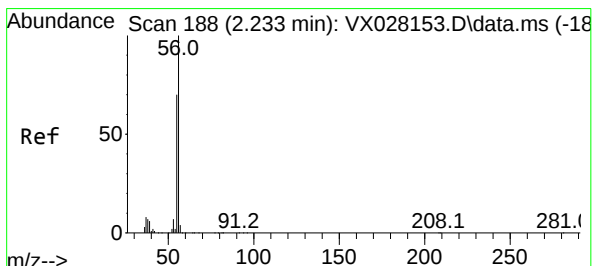
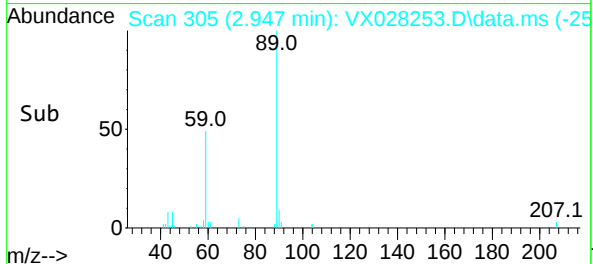
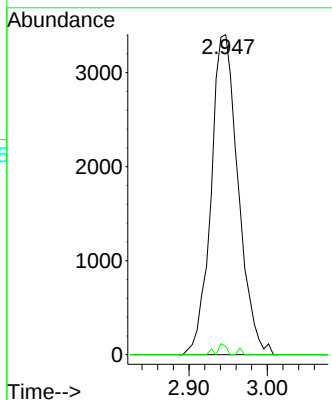
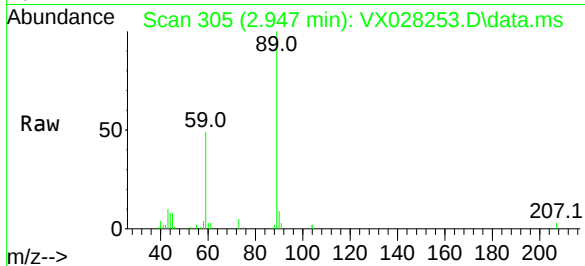




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

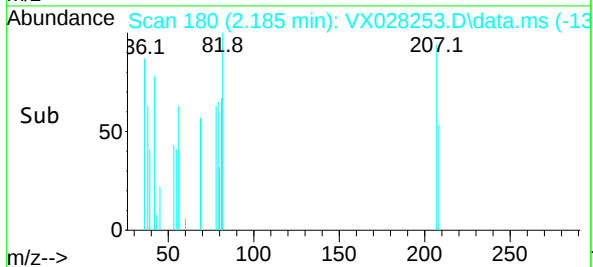
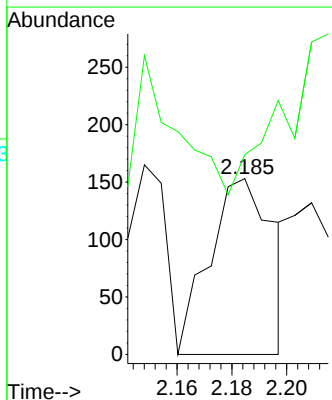
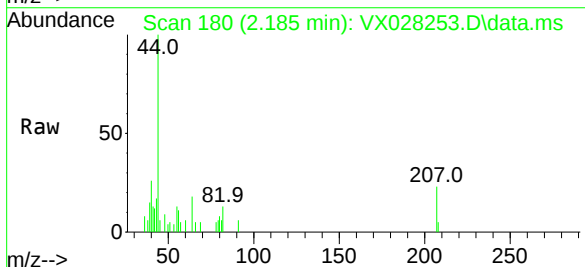
Instrument :
MSVOA_X
ClientSampleId :
1530

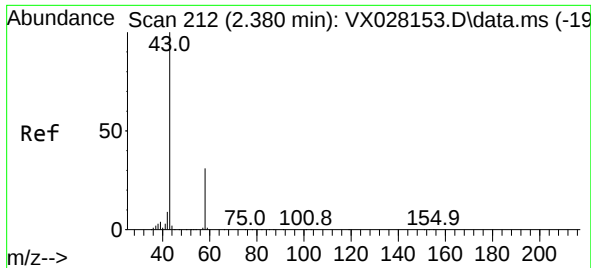
Tgt Ion: 59 Resp: 8196
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#



#13
Acrolein
Concen: 0.401 ug/l
RT: 2.185 min Scan# 180
Delta R.T. -0.048 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 56 Resp: 248
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

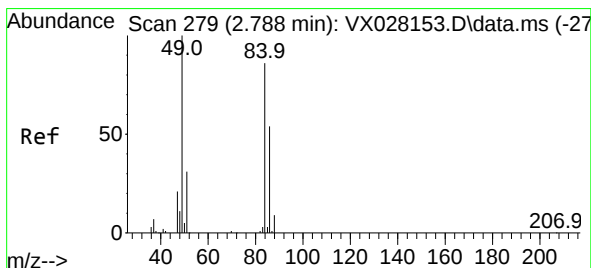
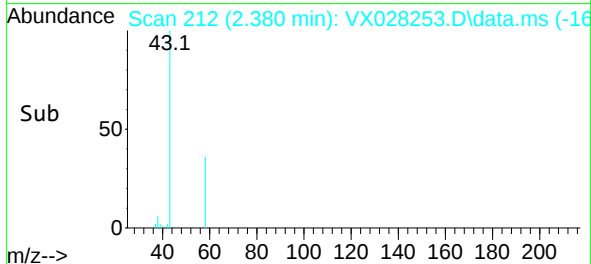
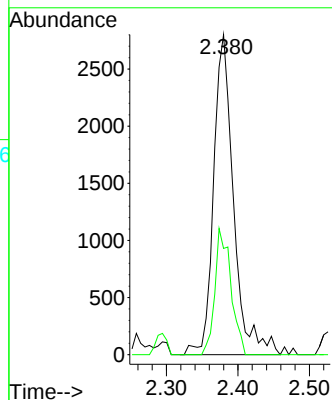
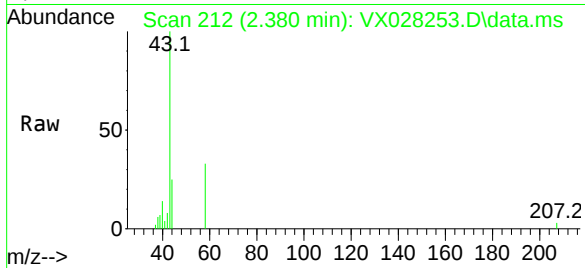




#16
Acetone
Concen: 2.134 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

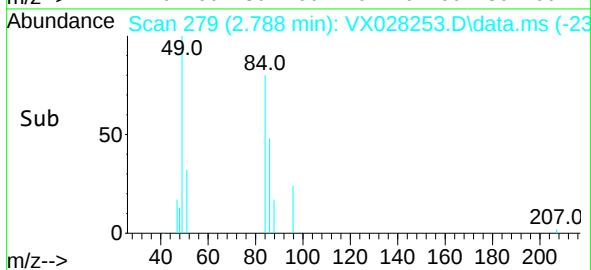
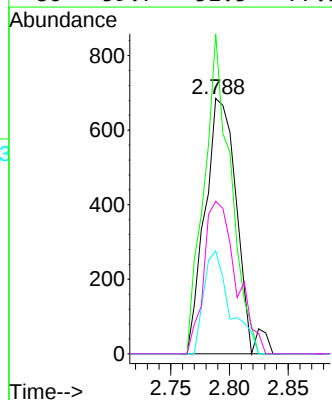
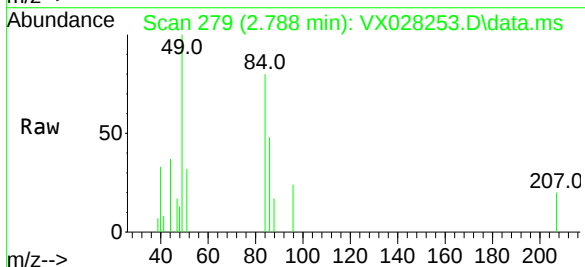
Instrument :
MSVOA_X
ClientSampleId :
1530

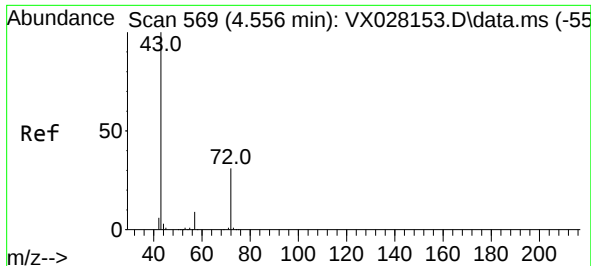
Tgt Ion: 43 Resp: 5422
Ion Ratio Lower Upper
43 100
58 33.2 28.8 43.2



#20
Methylene Chloride
Concen: 0.344 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 84 Resp: 1289
Ion Ratio Lower Upper
84 100
49 125.3 85.5 128.3
51 40.3 26.6 39.8#
86 59.7 51.5 77.3





#25

2-Butanone

Concen: 2.710 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX028253.D

Acq: 21 Apr 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

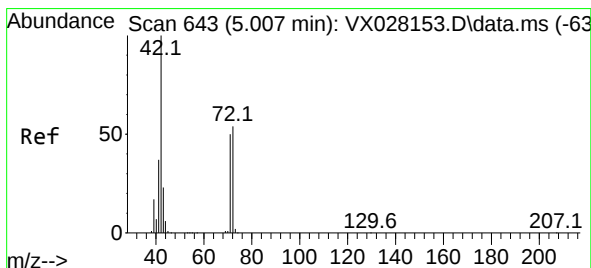
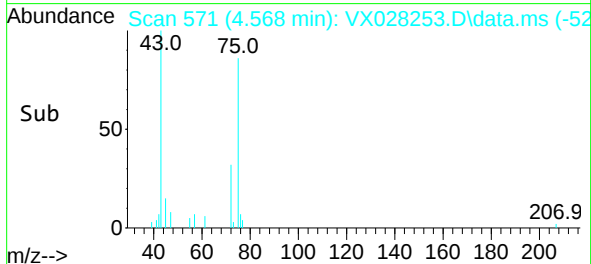
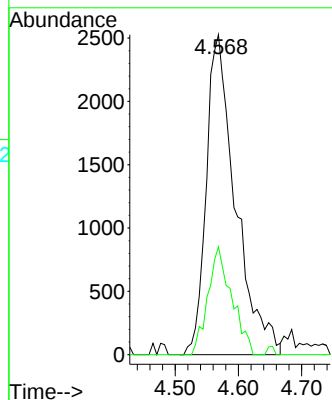
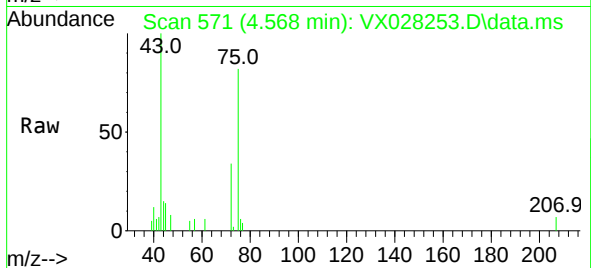
1530

Tgt Ion: 43 Resp: 8098

Ion Ratio Lower Upper

43 100

72 33.7 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.274 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.031 min

Lab File: VX028253.D

Acq: 21 Apr 2022 19:52

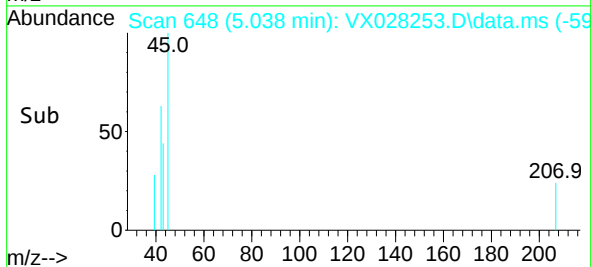
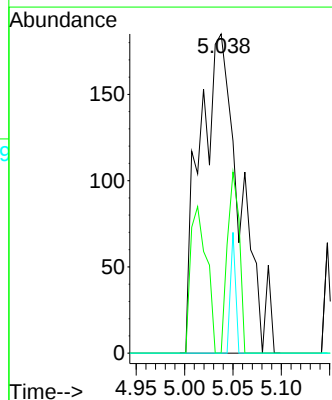
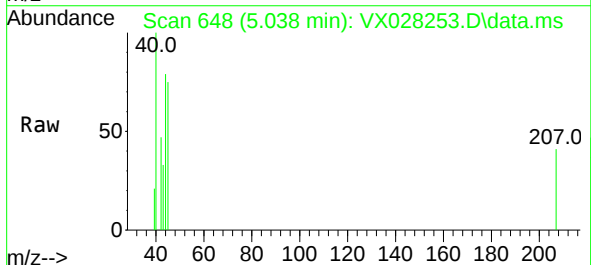
Tgt Ion: 42 Resp: 533

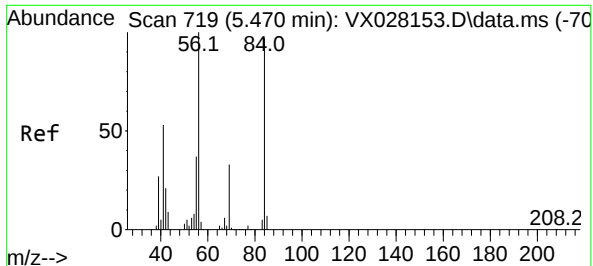
Ion Ratio Lower Upper

42 100

72 16.9 44.1 66.1#

71 4.9 40.5 60.7#

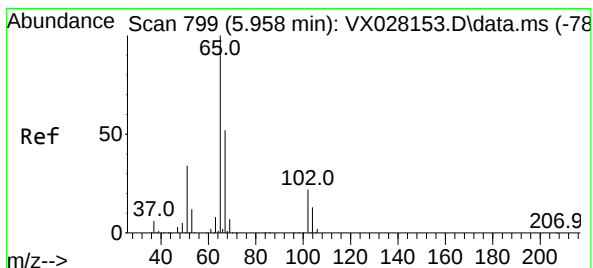
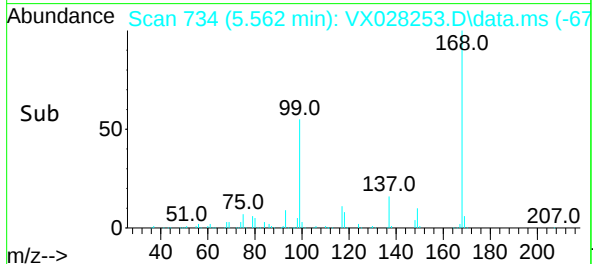
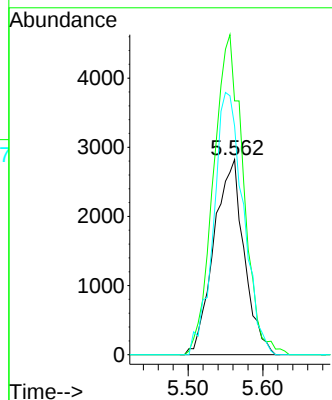
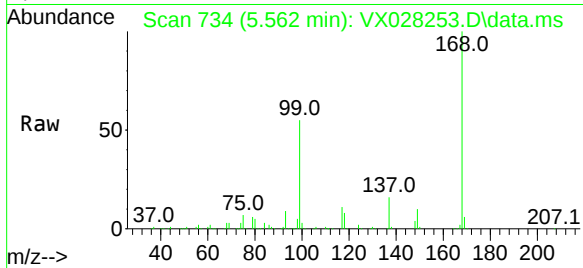




#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

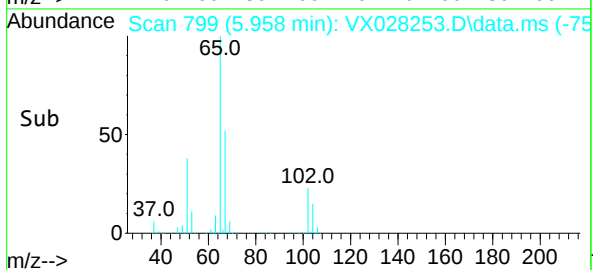
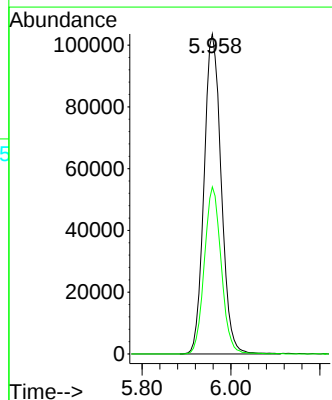
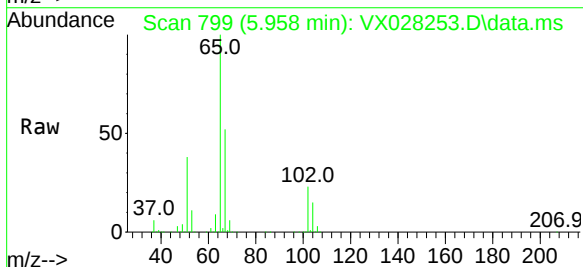
Instrument :
MSVOA_X
ClientSampleId :
1530

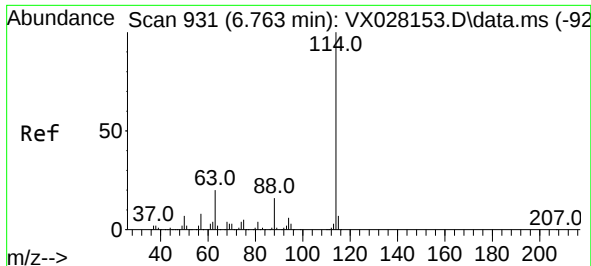
Tgt Ion: 56 Resp: 7942
Ion Ratio Lower Upper
56 100
69 130.0 26.7 40.1#
84 117.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.135 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 65 Resp: 278224
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

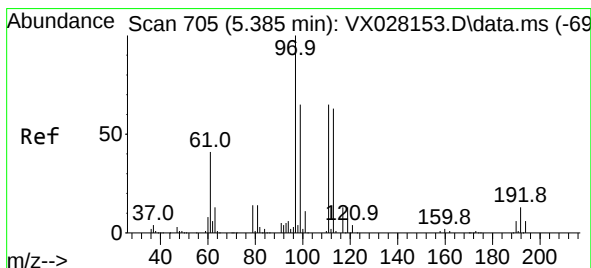
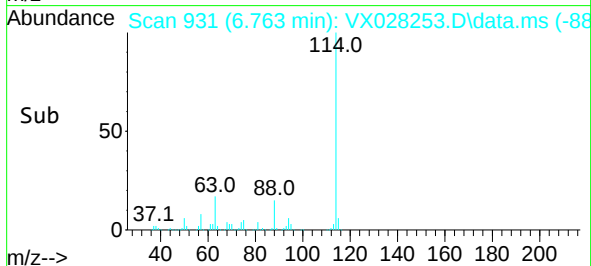
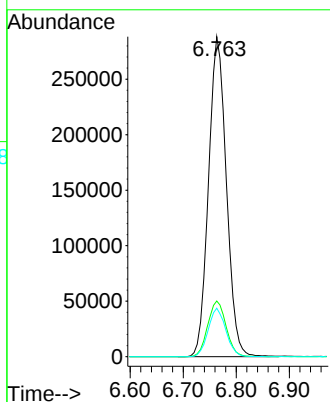
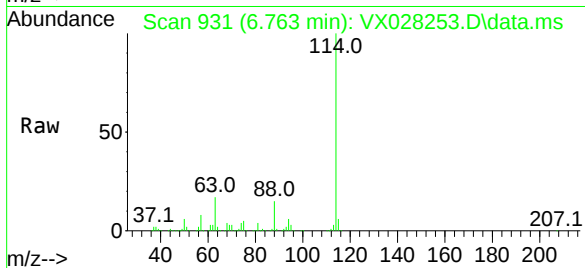




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

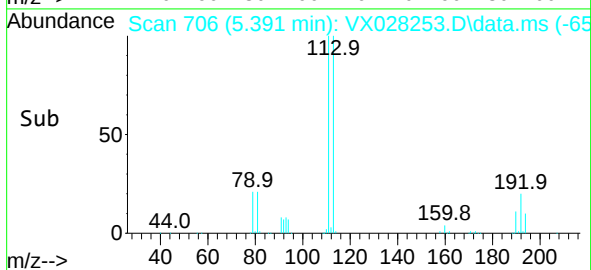
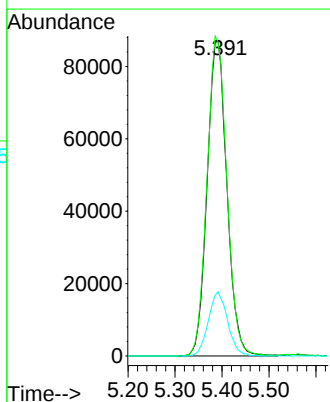
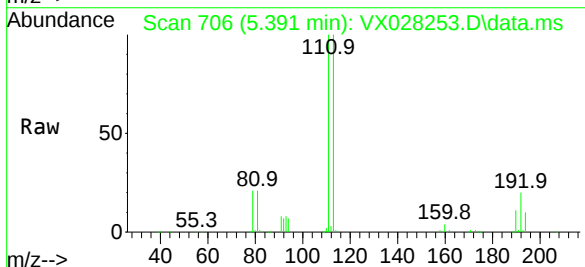
Instrument :
MSVOA_X
ClientSampleId :
1530

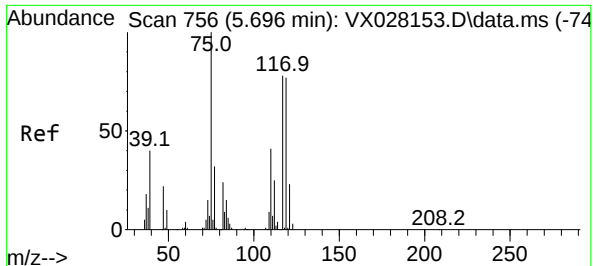
Tgt Ion:114 Resp: 674962
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.712 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion:113 Resp: 254245
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.9 16.9 25.3

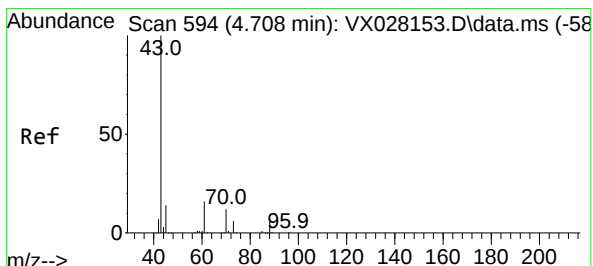
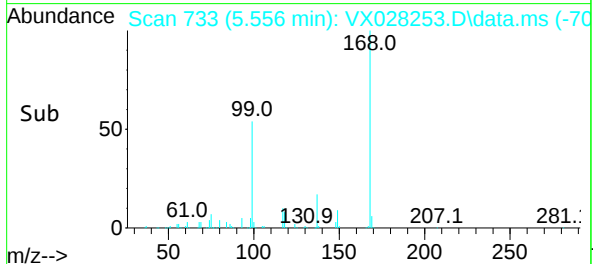
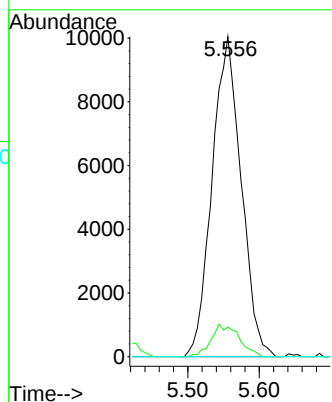
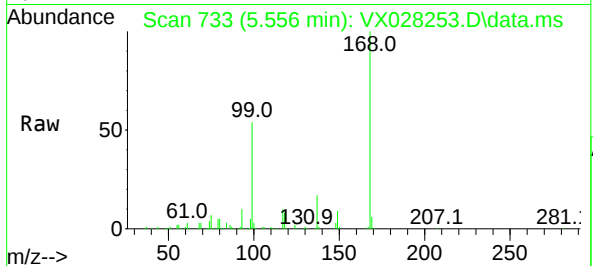




#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

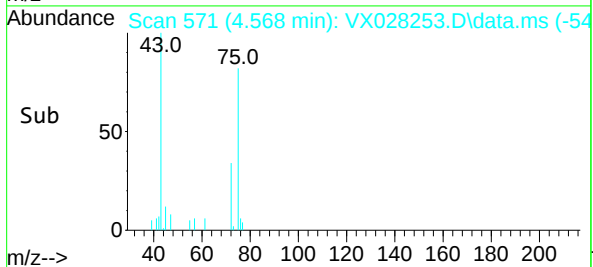
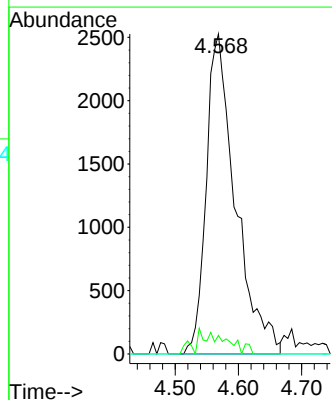
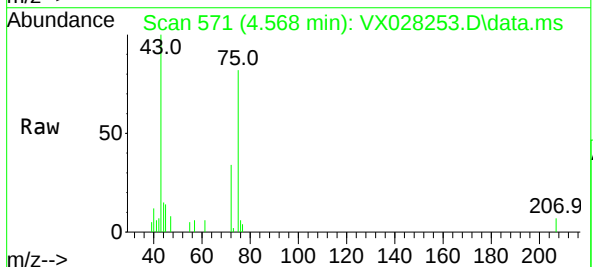
Instrument :
MSVOA_X
ClientSampleId :
1530

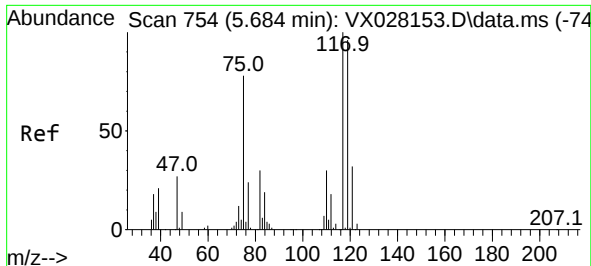
Tgt Ion: 75 Resp: 28370
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.293 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 43 Resp: 8098
Ion Ratio Lower Upper
43 100
61 4.1 12.6 19.0#
70 0.0 10.2 15.2#

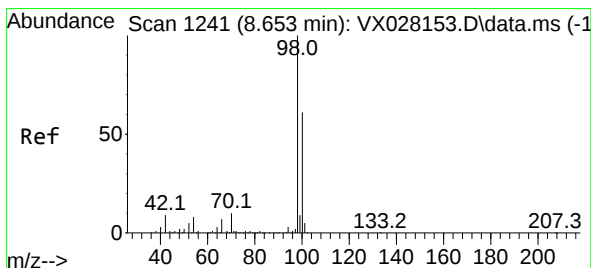
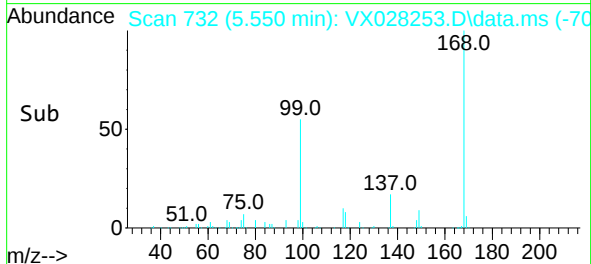
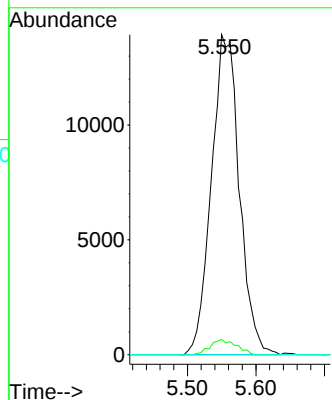
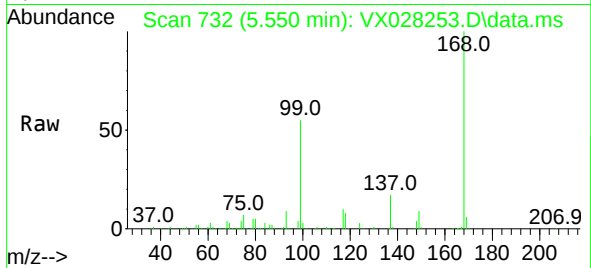




#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

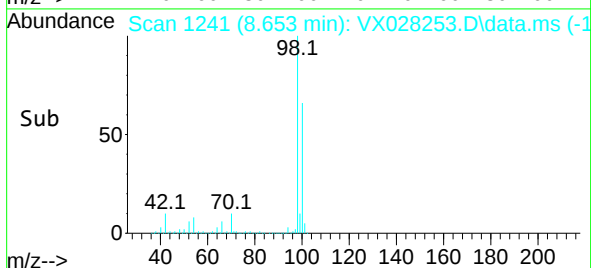
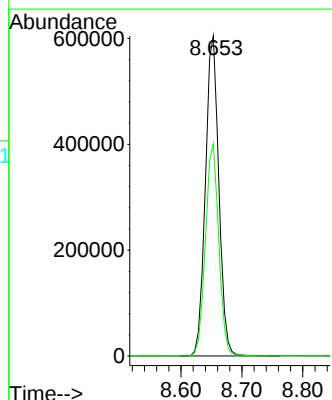
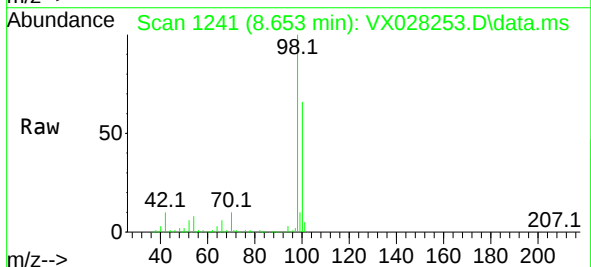
Instrument :
MSVOA_X
ClientSampleId :
1530

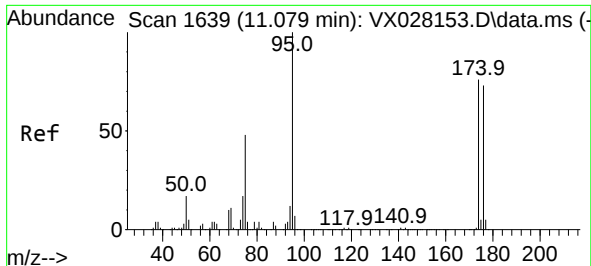
Tgt Ion:117 Resp: 39328
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 98 Resp: 925678
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 48.849 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028253.D

Acq: 21 Apr 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

1530

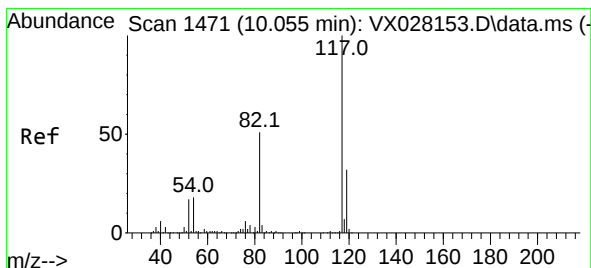
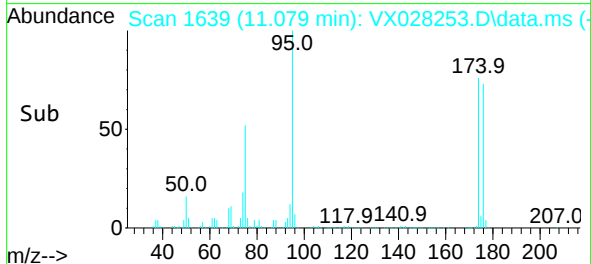
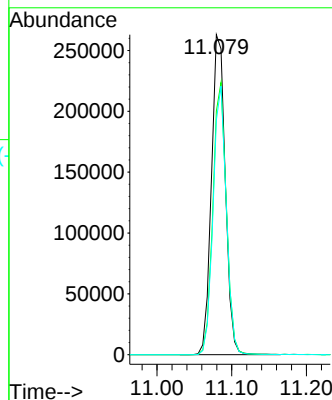
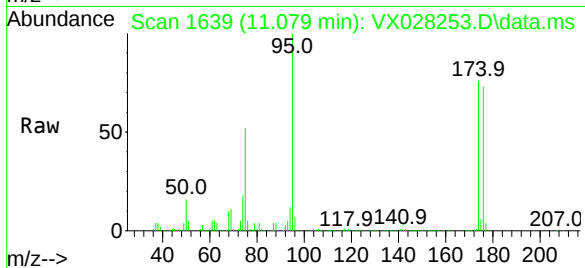
Tgt Ion: 95 Resp: 339571

Ion Ratio Lower Upper

95 100

174 82.7 0.0 163.0

176 80.3 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: VX028253.D

Acq: 21 Apr 2022 19:52

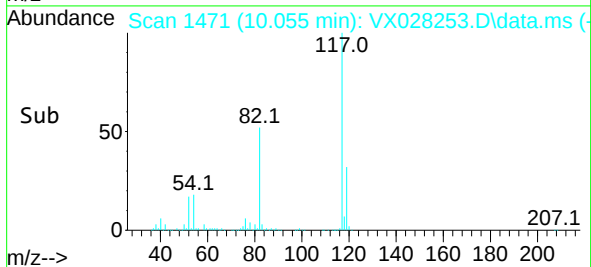
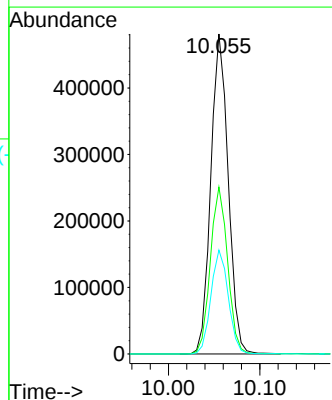
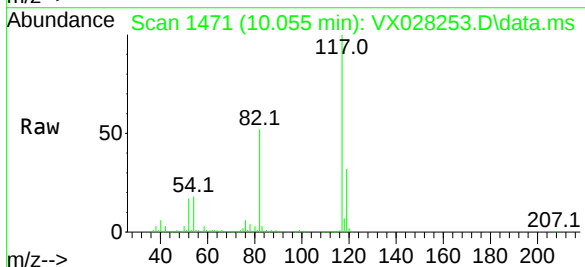
Tgt Ion: 117 Resp: 634867

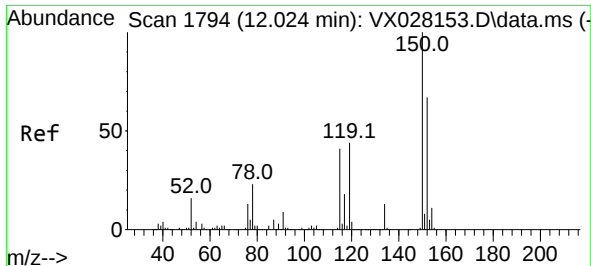
Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

119 32.5 24.8 37.2

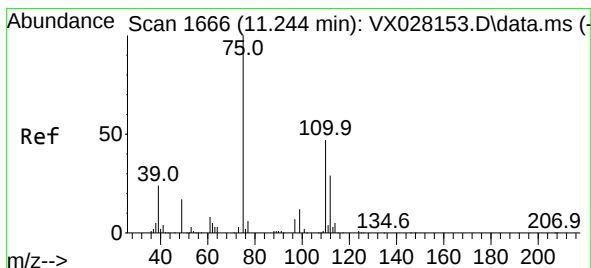
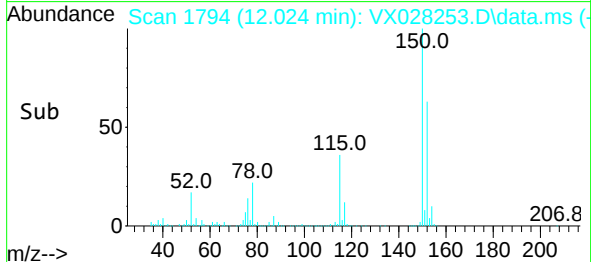
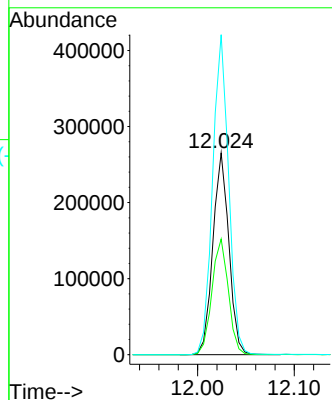
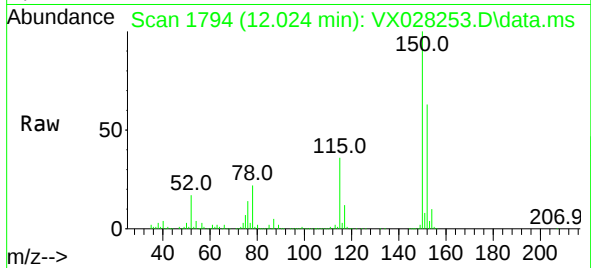




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11530
 Delta R.T. 0.000 min
 Lab File: VX028253.D
 Acq: 21 Apr 2022 19:52

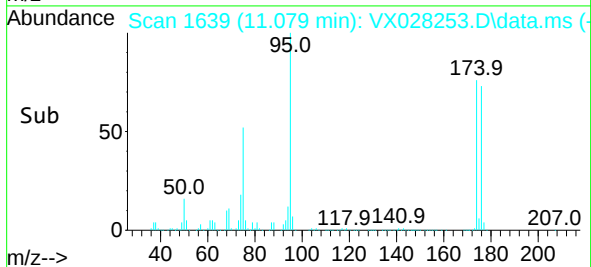
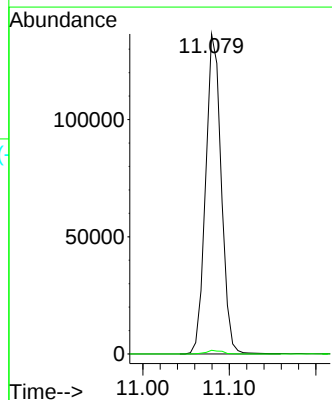
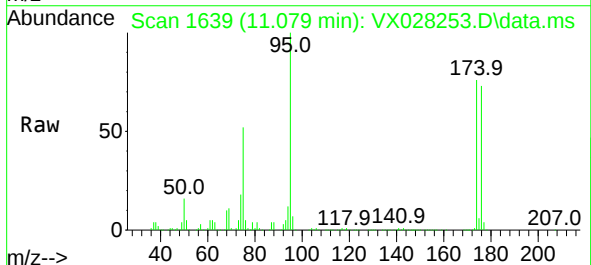
Instrument :
 MSVOA_X
 ClientSampleId :
 1530

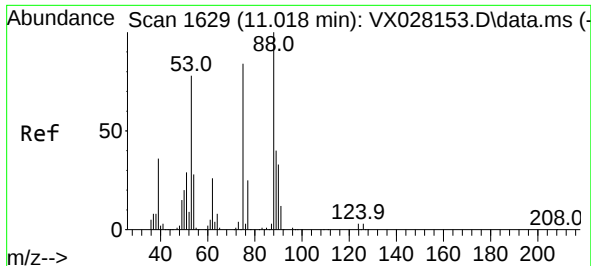
Tgt Ion:152 Resp: 305250
 Ion Ratio Lower Upper
 152 100
 115 58.8 37.5 112.7
 150 159.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.432 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028253.D
 Acq: 21 Apr 2022 19:52

Tgt Ion: 75 Resp: 170805
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

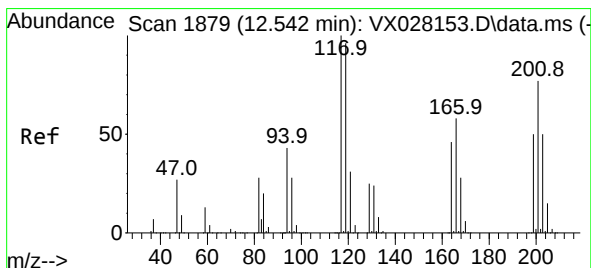
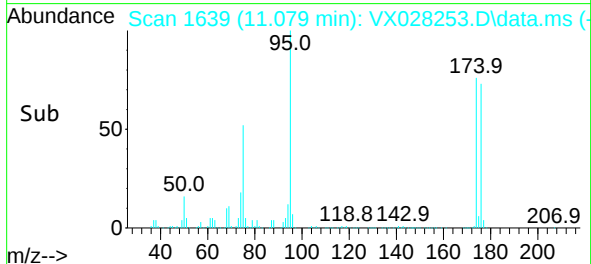
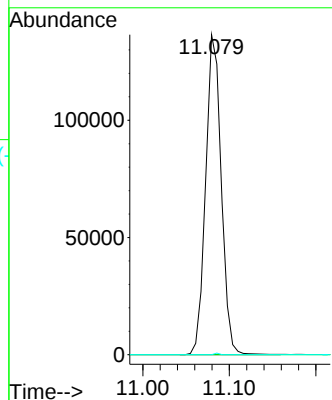
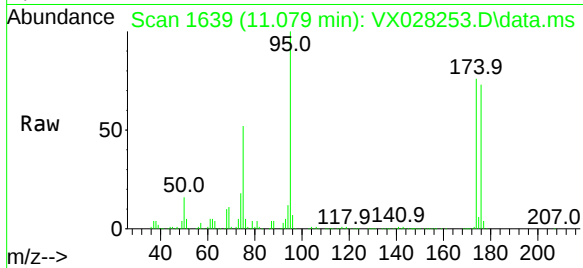




#81
trans-1,4-Dichloro-2-butene
Concen: 84.492 ug/l
RT: 11.079 min Scan# 11530
Delta R.T. 0.061 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :
1530

Tgt Ion: 75 Resp: 170805
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#90
Hexachloroethane
Concen: 1.823 ug/l
RT: 12.677 min Scan# 1901
Delta R.T. 0.135 min
Lab File: VX028253.D
Acq: 21 Apr 2022 19:52

Tgt Ion: 117 Resp: 32
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

