

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028318.D
 Acq On : 25 Apr 2022 11:45
 Operator : JC/MD
 Sample : VX0425WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBL01

Quant Time: Apr 26 08:09:24 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)

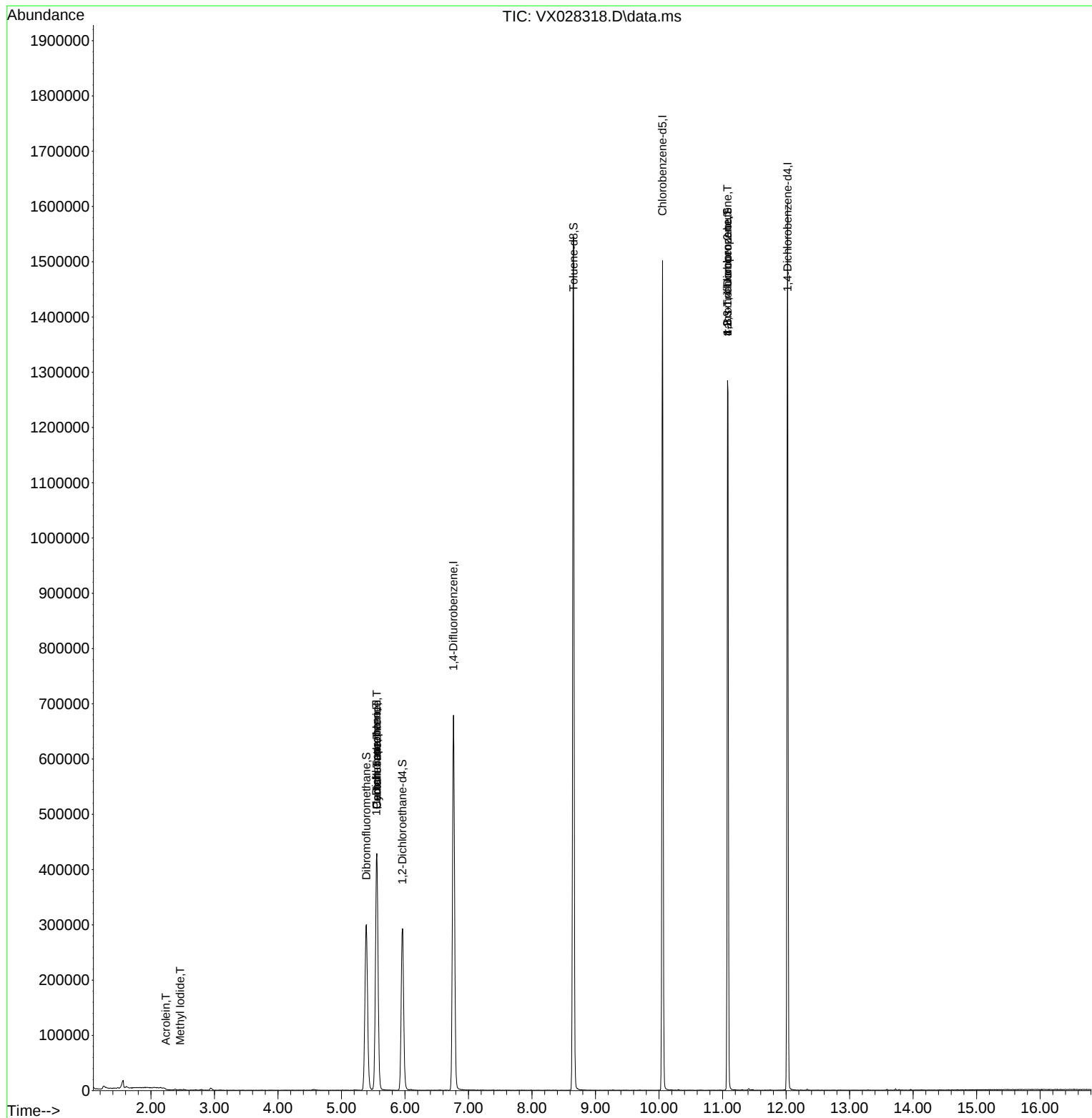
Internal Standards						
1) Pentafluorobenzene	5.556	168	423484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	724556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	689263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	327889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	284934	51.602	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.200%	
35) Dibromofluoromethane	5.391	113	262717	51.703	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.400%	
50) Toluene-d8	8.653	98	950775	48.718	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	11.079	95	348895	46.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.520%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	508	Below Cal		92
5) Bromomethane	1.618	94	1423	Below Cal		96
6) Chloroethane	1.697	64	377	Below Cal	#	43
8) Diethyl Ether	1.892	74	24	Below Cal	#	1
10) Methyl Iodide	2.459	142	1030	5.431	ug/l #	91
11) Tert butyl alcohol	2.940	59	2139	Below Cal	#	72
13) Acrolein	2.233	56	187	0.276	ug/l #	44
16) Acetone	2.380	43	1503	Below Cal		91
31) Cyclohexane	5.556	56	8219	1.222	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	30471	4.597	ug/l #	50
38) Carbon Tetrachloride	5.556	117	42125	5.630	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	172937	26.799	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	172937	79.640	ug/l #	15

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

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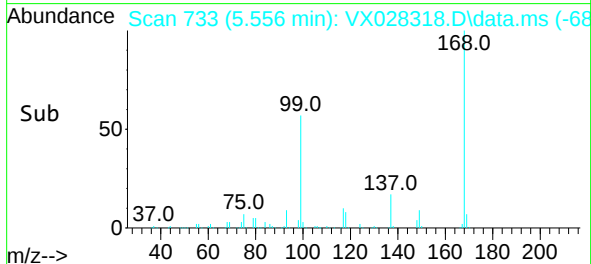
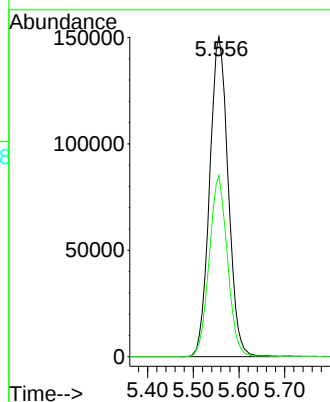
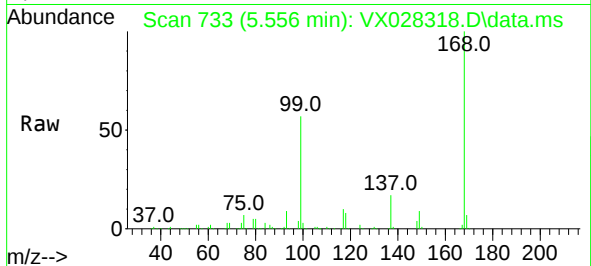




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

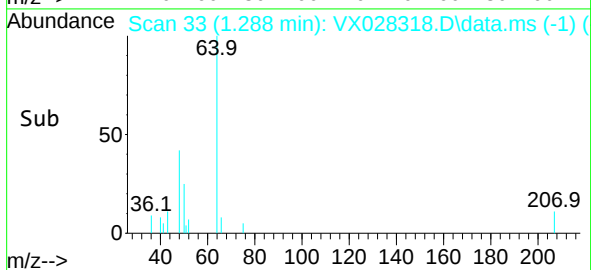
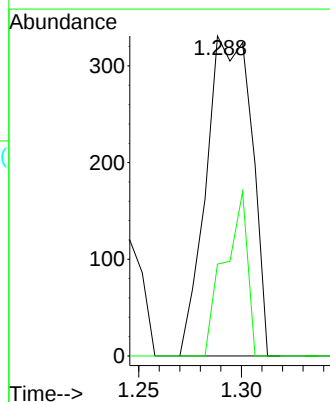
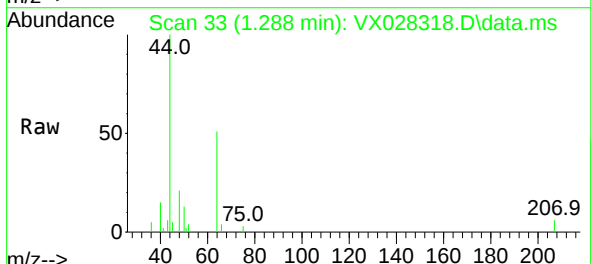
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

Tgt Ion:168 Resp: 423484
Ion Ratio Lower Upper
168 100
99 56.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 28.7 26.4 39.6

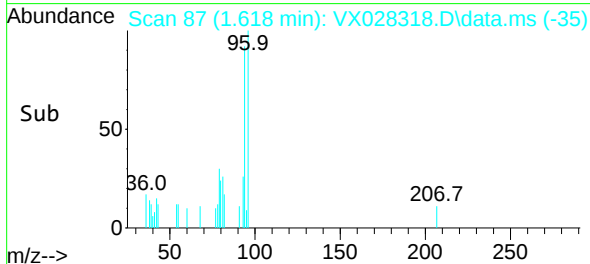
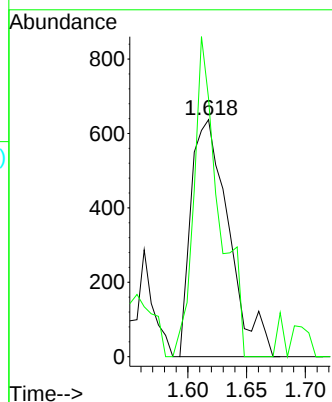
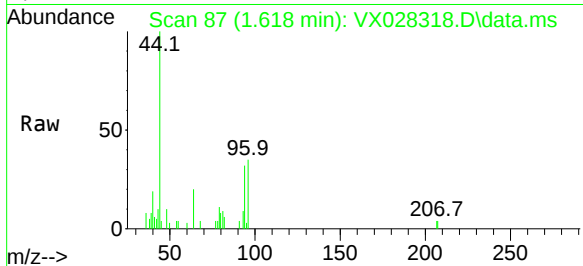




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

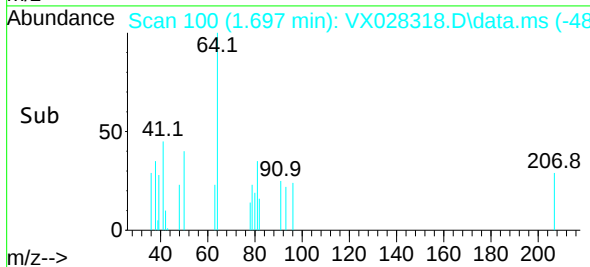
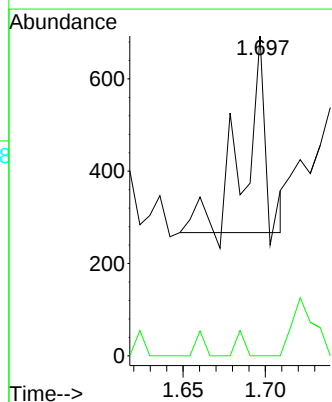
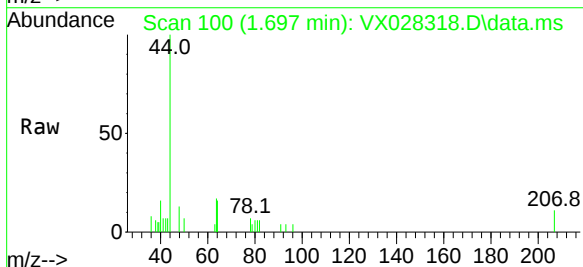
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

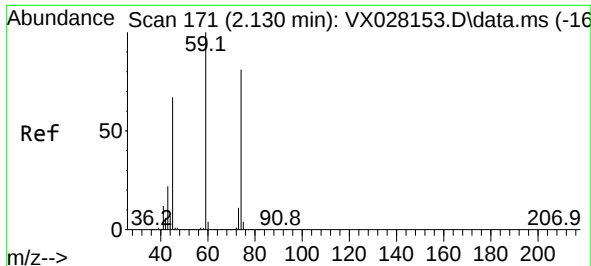
Tgt Ion: 94 Resp: 1423
Ion Ratio Lower Upper
94 100
96 98.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

Tgt Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

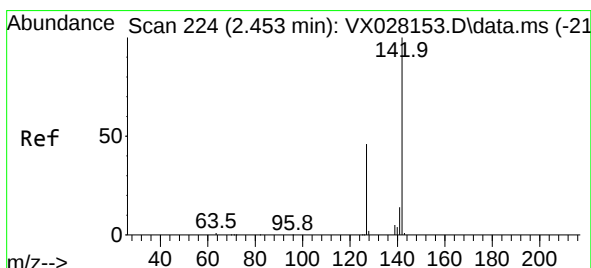
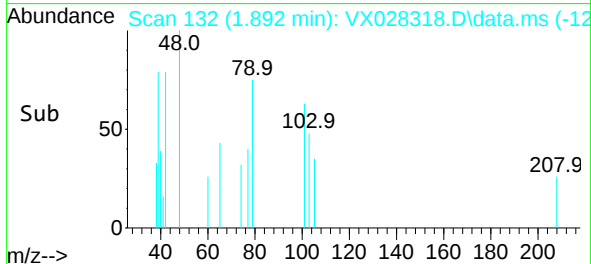
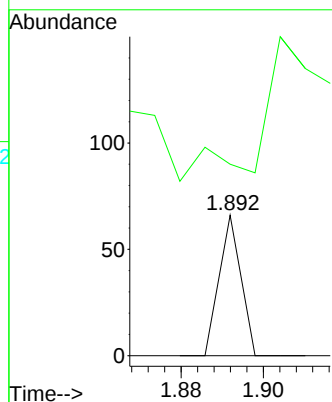
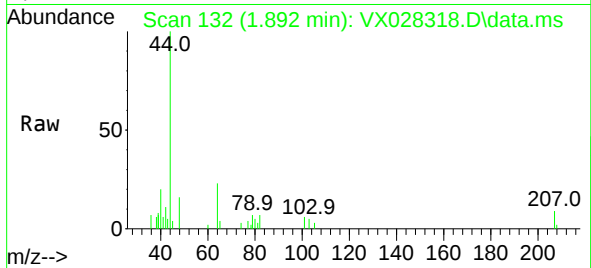




#8
Diethyl Ether
Concen: Below Cal
RT: 1.892 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

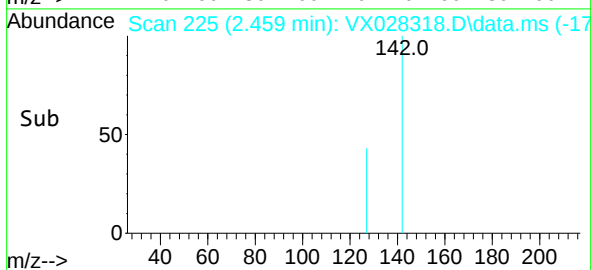
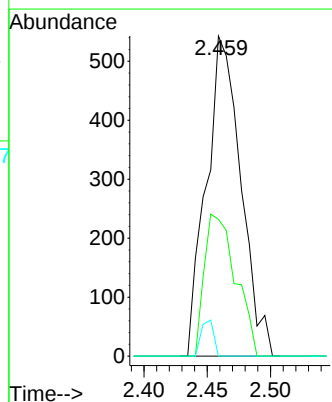
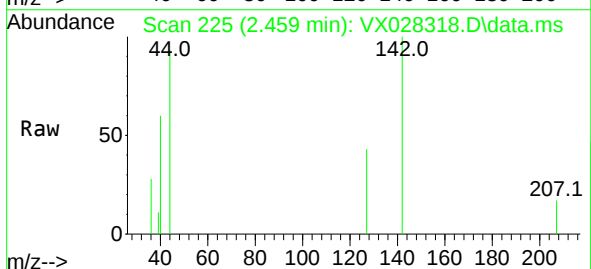
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

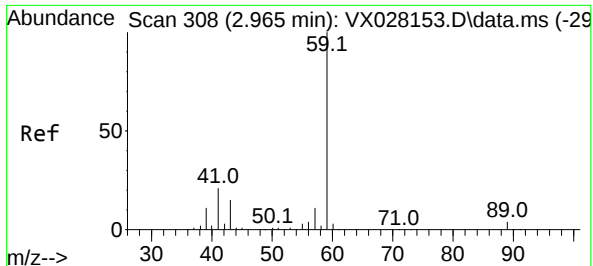
Tgt Ion: 74 Resp: 24
Ion Ratio Lower Upper
74 100
45 237.5 42.0 126.0#



#10
Methyl Iodide
Concen: 5.431 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

Tgt Ion:142 Resp: 1030
Ion Ratio Lower Upper
142 100
127 40.2 33.9 50.9
141 4.1 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX028318.D

Acq: 25 Apr 2022 11:45

Instrument :

MSVOA_X

ClientSampleId :

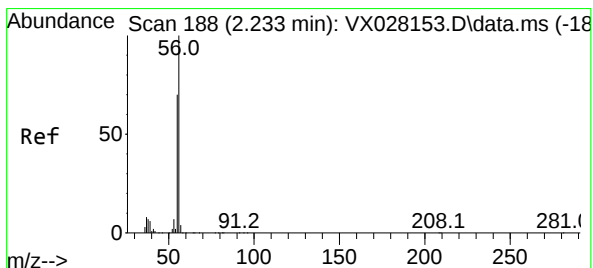
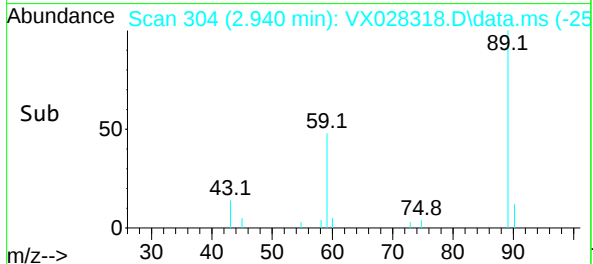
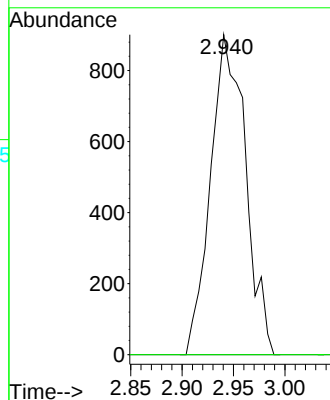
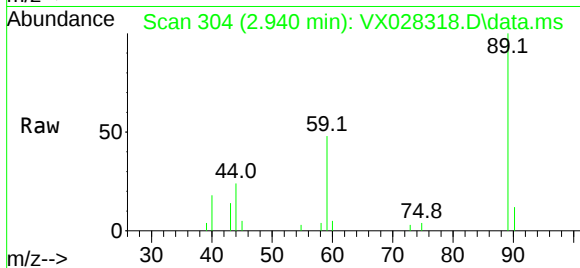
VX0425WBL01

Tgt Ion: 59 Resp: 2139

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.276 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX028318.D

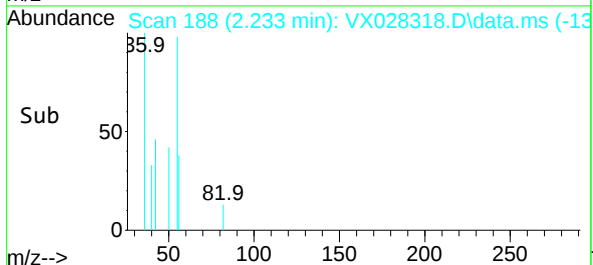
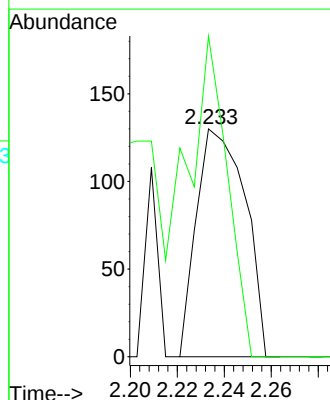
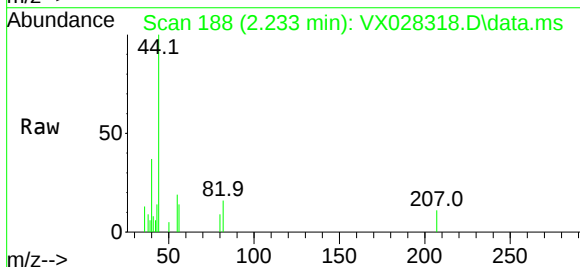
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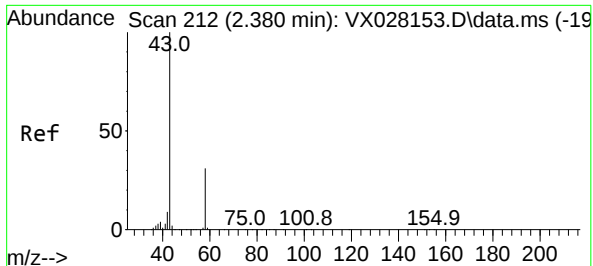
Tgt Ion: 56 Resp: 187

Ion Ratio Lower Upper

56 100

55 114.4 55.0 82.6#

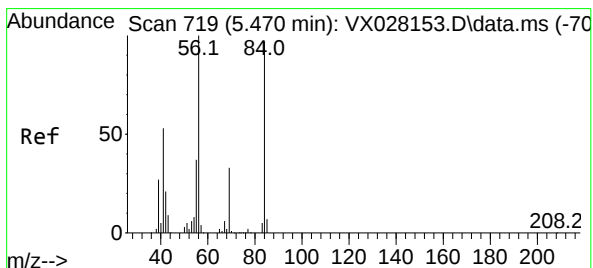
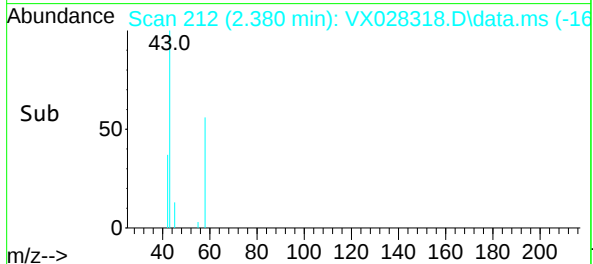
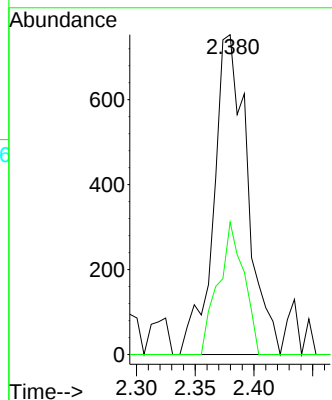
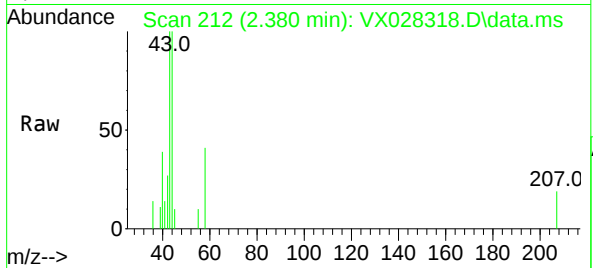




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

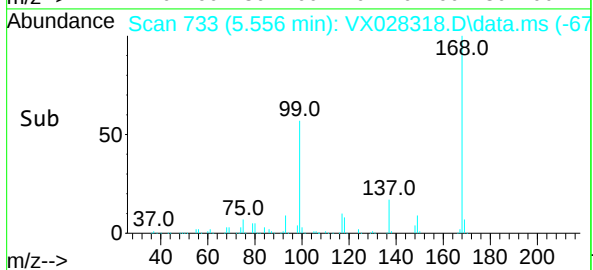
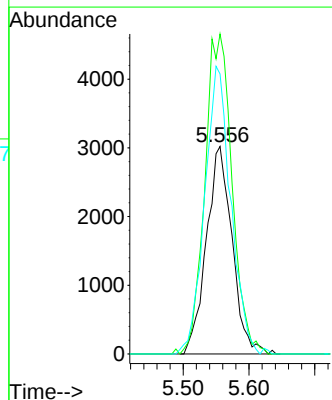
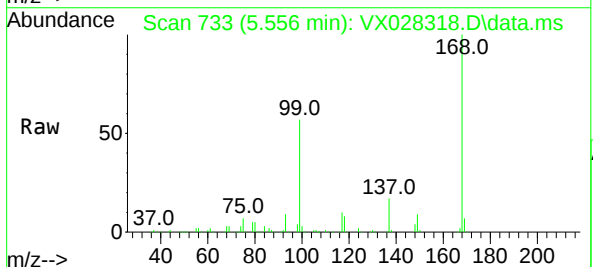
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

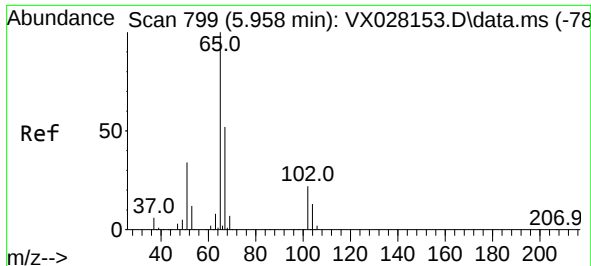
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 41.4 28.8 43.2



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

Tgt Ion: 56 Resp: 8219
Ion Ratio Lower Upper
56 100
69 154.2 26.7 40.1#
84 134.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.602 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028318.D

Acq: 25 Apr 2022 11:45

Instrument :

MSVOA_X

ClientSampleId :

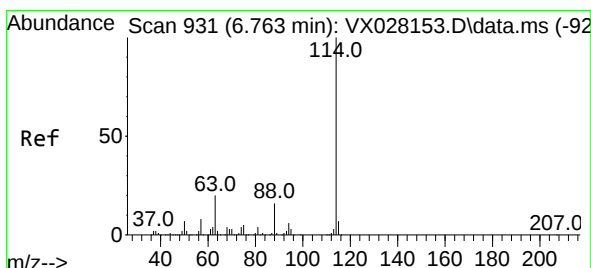
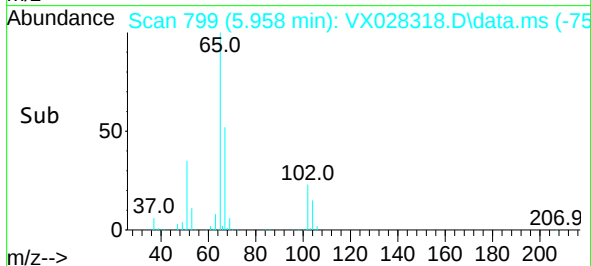
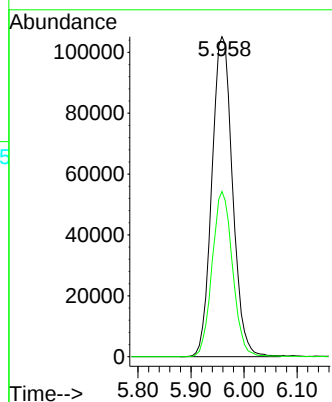
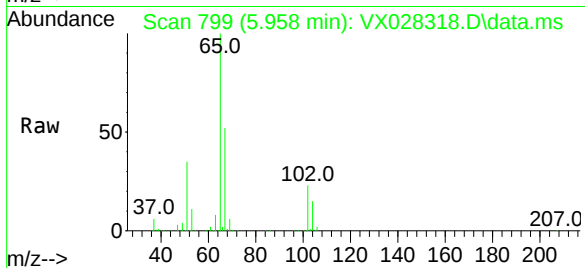
VX0425WBL01

Tgt Ion: 65 Resp: 284934

Ion Ratio Lower Upper

65 100

67 51.1 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: VX028318.D

Acq: 25 Apr 2022 11:45

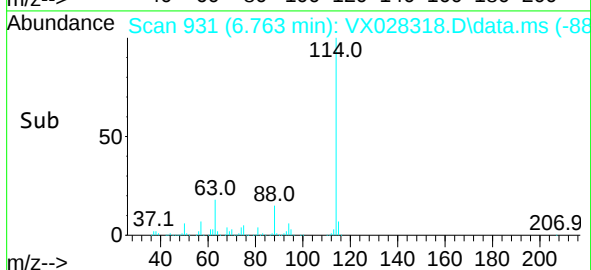
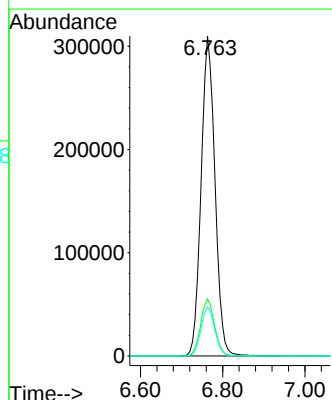
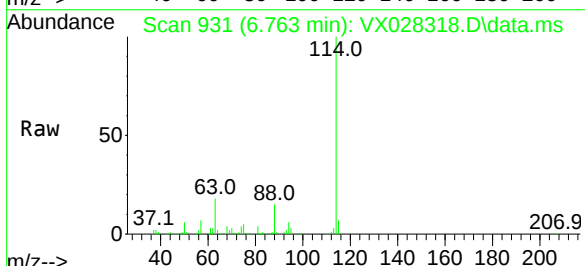
Tgt Ion: 114 Resp: 724556

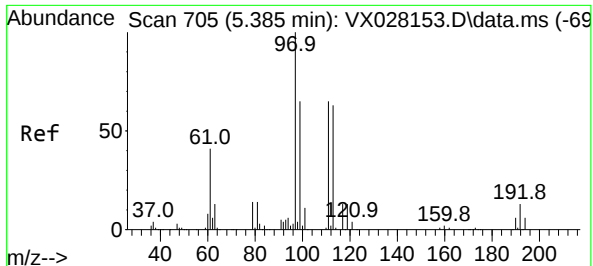
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.703 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028318.D

Acq: 25 Apr 2022 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBL01

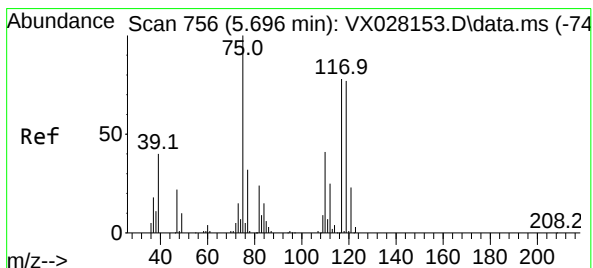
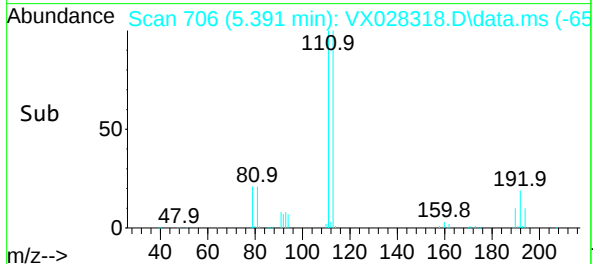
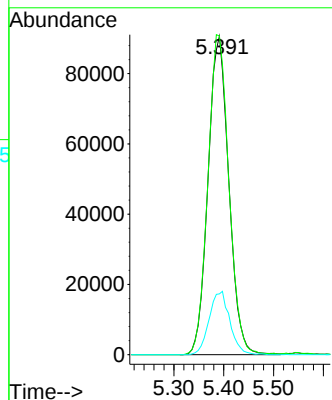
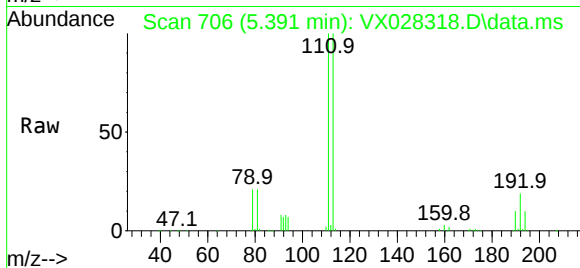
Tgt Ion:113 Resp: 262717

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.597 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028318.D

Acq: 25 Apr 2022 11:45

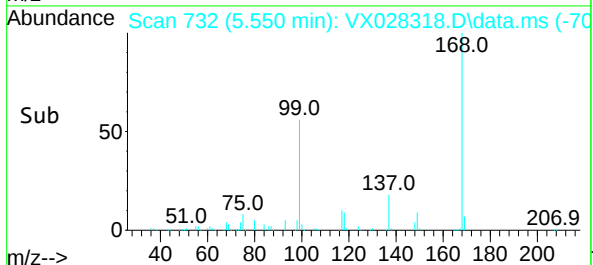
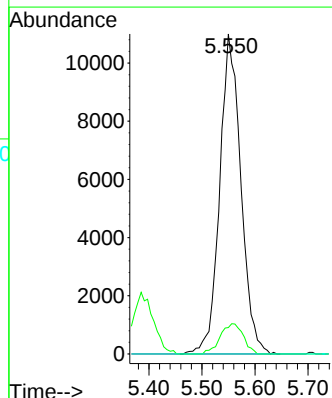
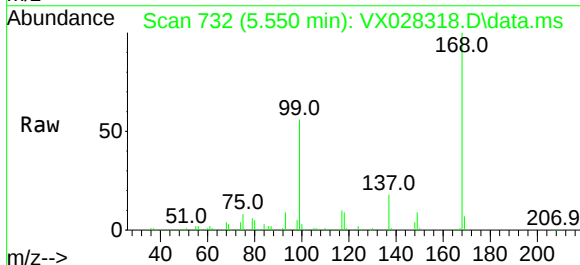
Tgt Ion: 75 Resp: 30471

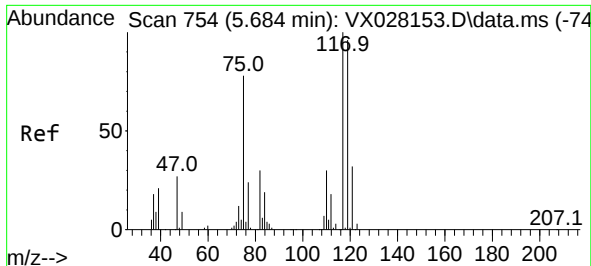
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#

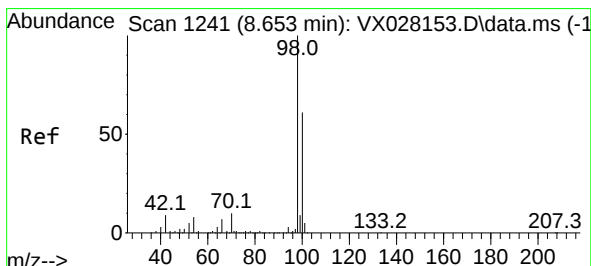
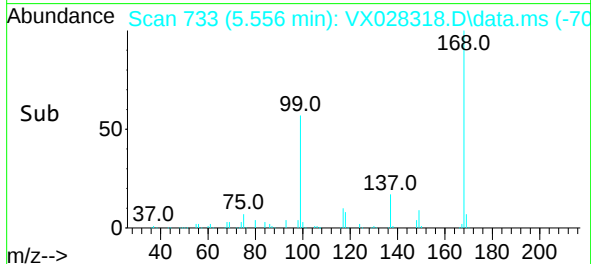
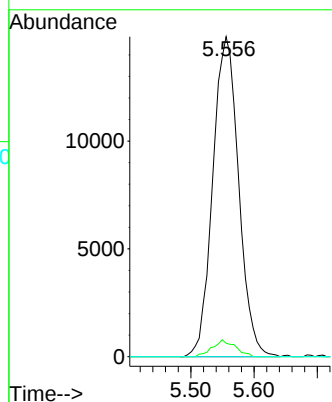
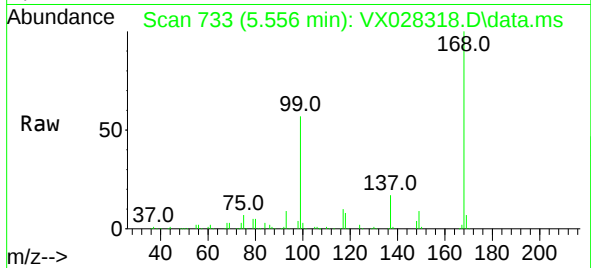




#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

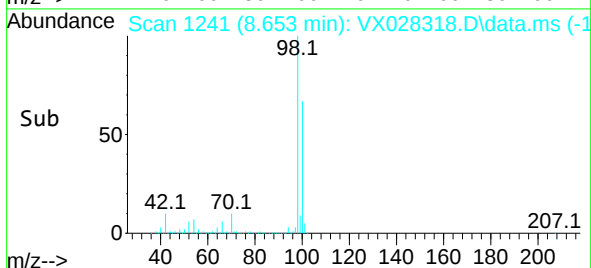
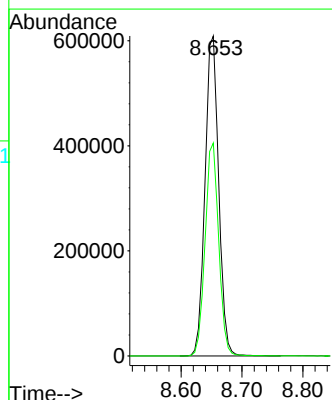
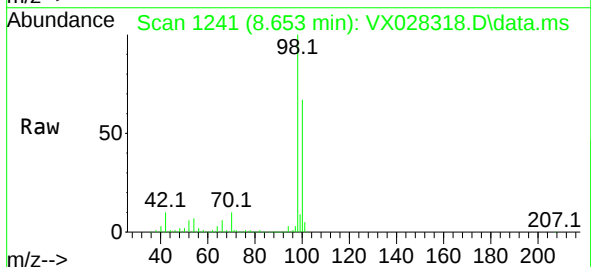
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

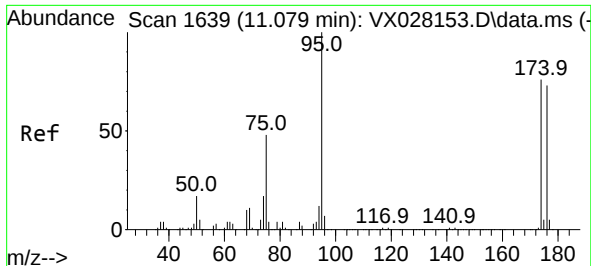
Tgt Ion:117 Resp: 42125
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.718 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

Tgt Ion: 98 Resp: 950775
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

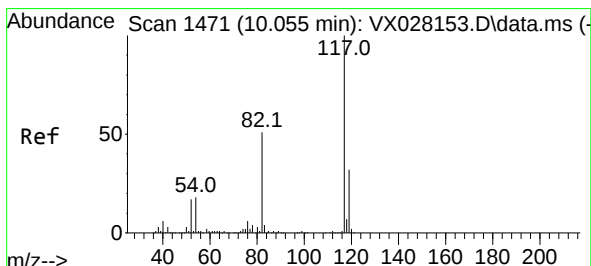
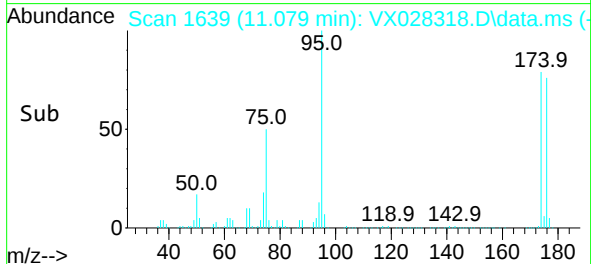
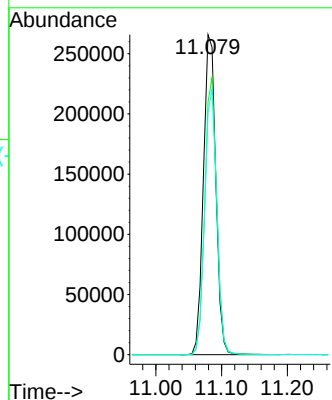
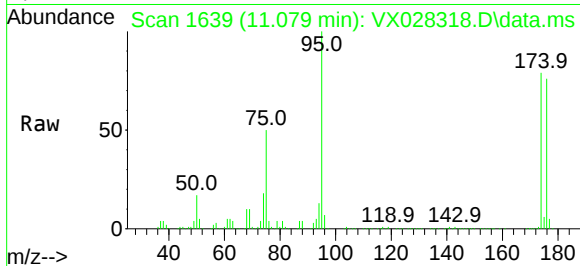




#62
4-Bromofluorobenzene
Concen: 46.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

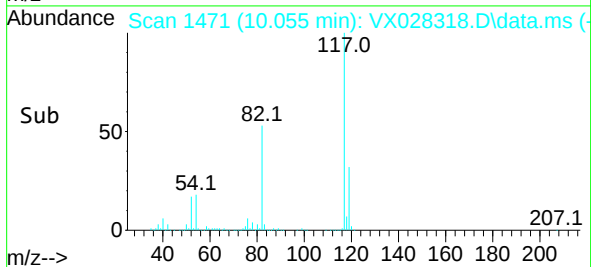
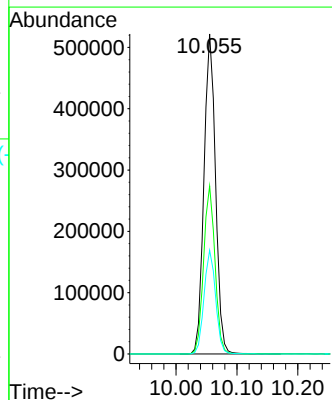
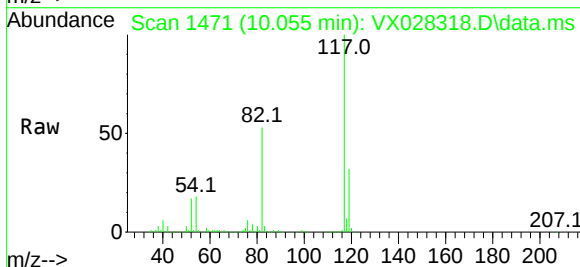
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

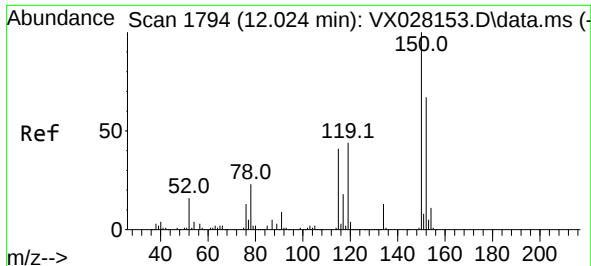
Tgt Ion: 95 Resp: 348895
Ion Ratio Lower Upper
95 100
174 84.1 0.0 163.0
176 81.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028318.D
Acq: 25 Apr 2022 11:45

Tgt Ion: 117 Resp: 689263
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.4 24.8 37.2

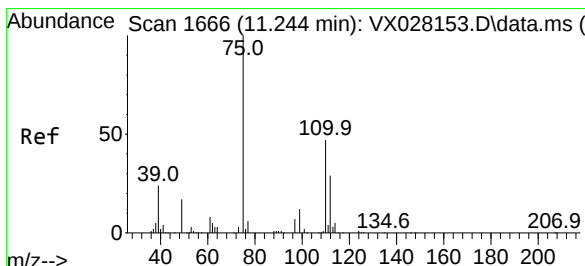
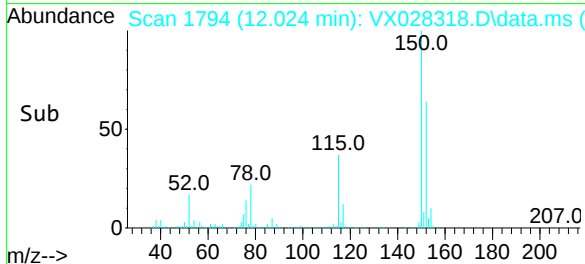
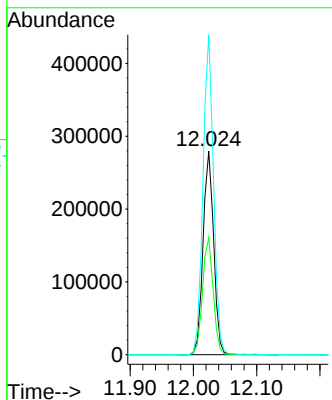
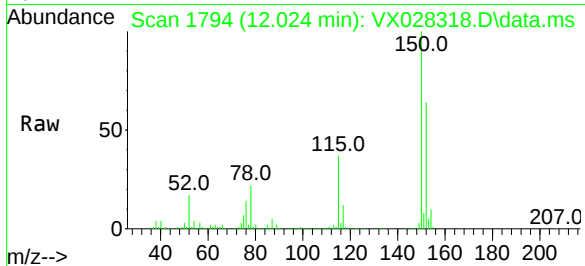




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028318.D
 Acq: 25 Apr 2022 11:45

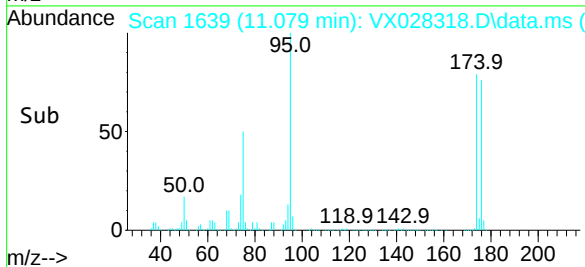
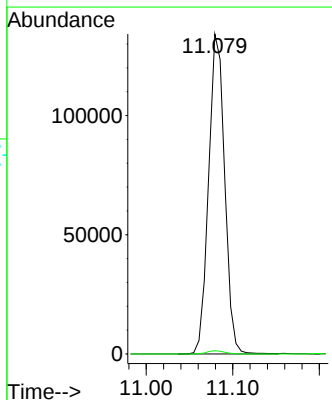
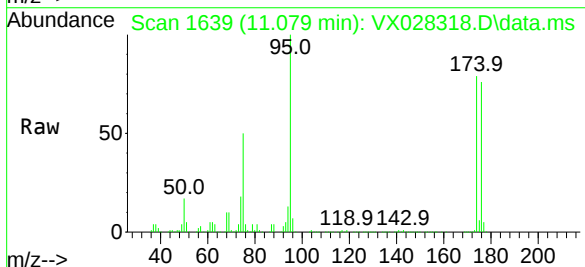
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBL01

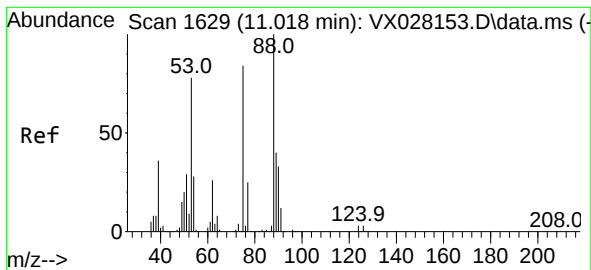
Tgt Ion:152 Resp: 327889
 Ion Ratio Lower Upper
 152 100
 115 57.8 37.5 112.7
 150 155.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 26.799 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028318.D
 Acq: 25 Apr 2022 11:45

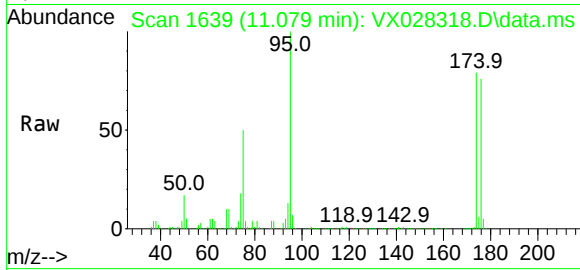
Tgt Ion: 75 Resp: 172937
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.640 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028318.D
 Acq: 25 Apr 2022 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBL01



Tgt Ion: 75 Resp: 172937
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

