

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
 Data File : VX028531.D
 Acq On : 05 May 2022 13:18
 Operator : JC/MD
 Sample : VX0505WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBL02

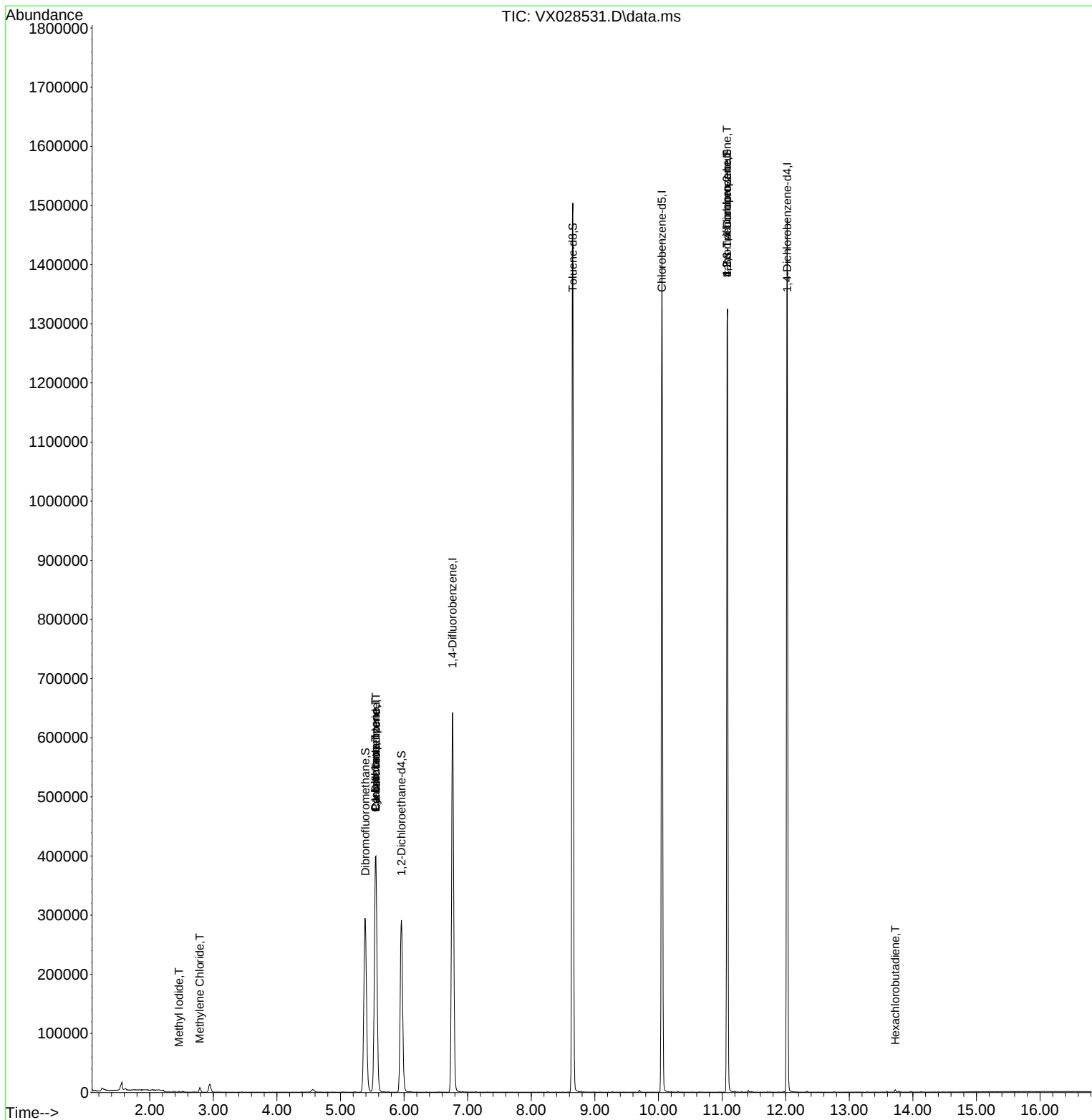
Quant Time: May 06 03:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

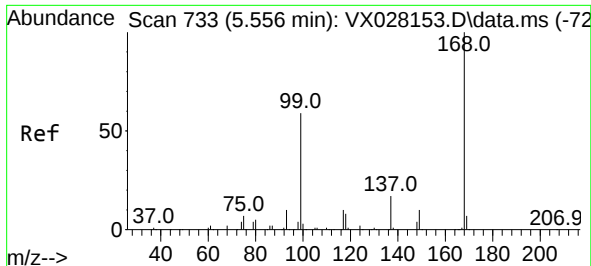
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	403859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	686233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	658153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275014	52.226	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.460%	
35) Dibromofluoromethane	5.391	113	259854	53.996	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.000%	
50) Toluene-d8	8.653	98	934237	50.543	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	11.079	95	343563	48.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.220%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	465	Below Cal	#	84
5) Bromomethane	1.617	94	1405	Below Cal		87
6) Chloroethane	1.672	64	443	Below Cal	#	87
8) Diethyl Ether	1.965	74	25	Below Cal	#	7
10) Methyl Iodide	2.459	142	1059	5.446	ug/l #	92
11) Tert butyl alcohol	2.947	59	7541	Below Cal	#	74
16) Acetone	2.380	43	1660	Below Cal		93
20) Methylene Chloride	2.788	84	3633	0.930	ug/l	92
31) Cyclohexane	5.550	56	7608	1.186	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	29228	4.656	ug/l #	49
38) Carbon Tetrachloride	5.556	117	38826	5.479	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	170342	27.211	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	170342	80.865	ug/l #	15
94) Hexachlorobutadiene	13.725	225	677	0.240	ug/l	86

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

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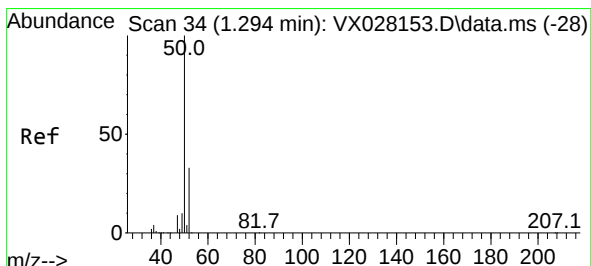
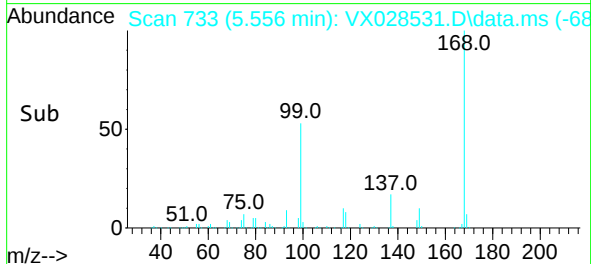
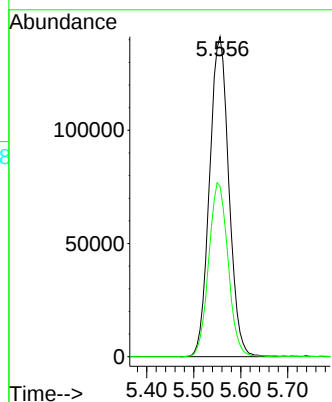
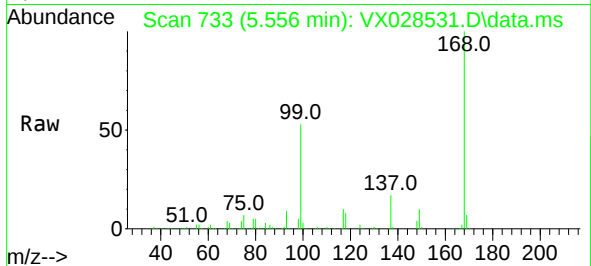




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

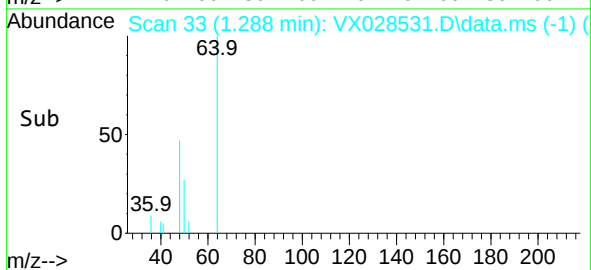
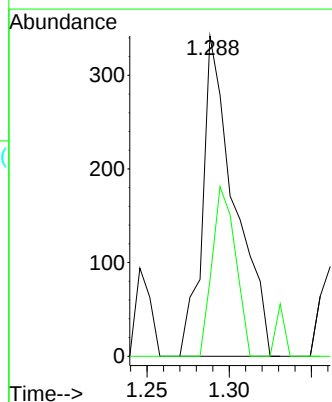
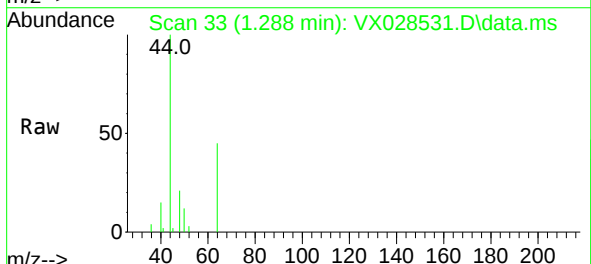
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL02

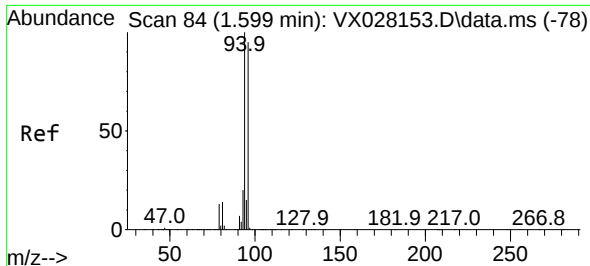
Tgt Ion:168 Resp: 403859
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 23.7 26.4 39.6#

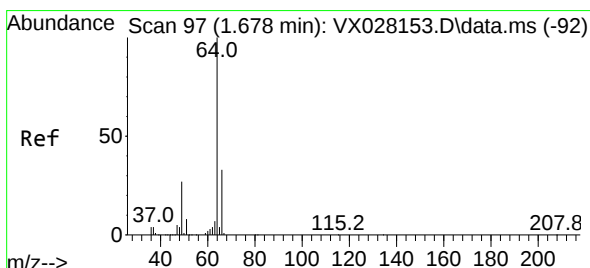
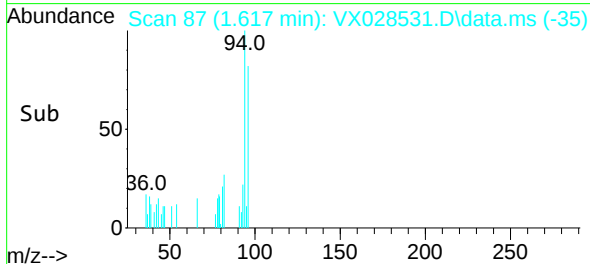
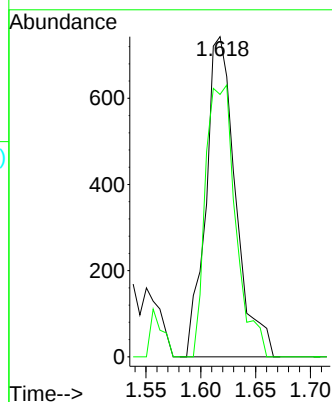
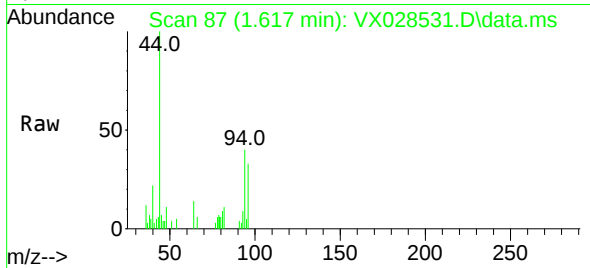




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

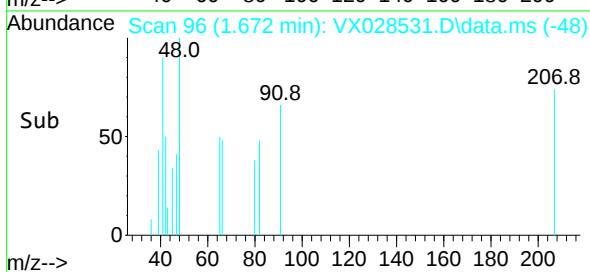
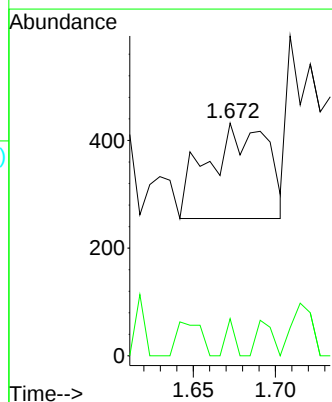
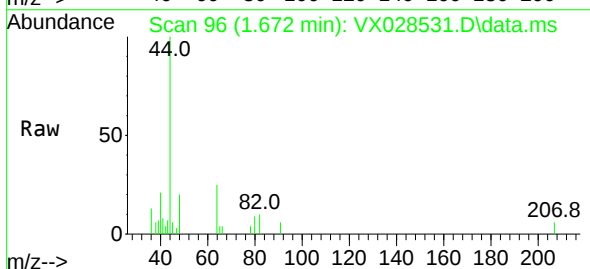
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL02

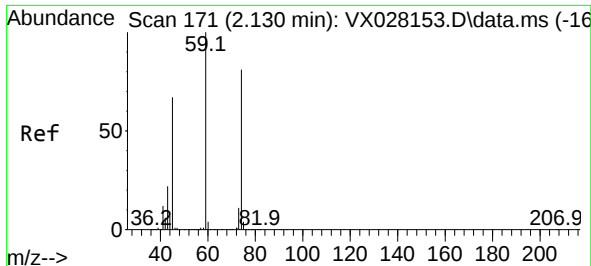
Tgt Ion: 94 Resp: 1405
Ion Ratio Lower Upper
94 100
96 82.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 39.0 25.3 37.9#

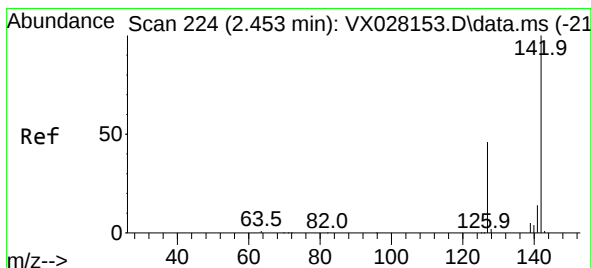
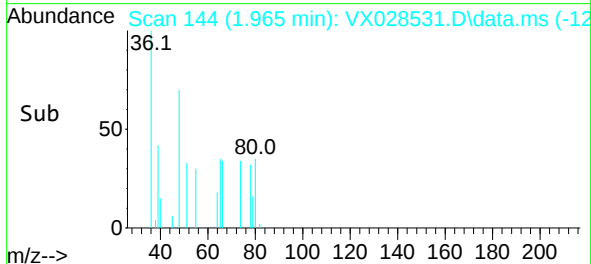
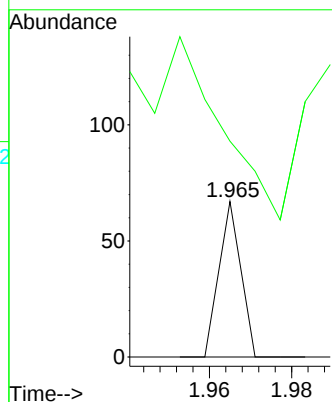
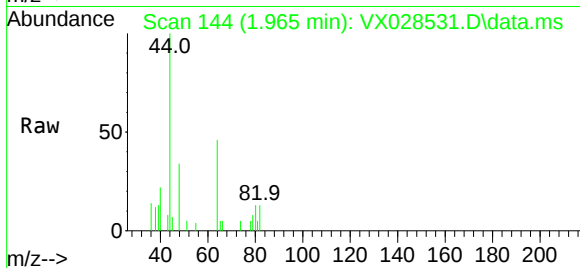




#8
Diethyl Ether
Concen: Below Cal
RT: 1.965 min Scan# 14
Delta R.T. -0.165 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

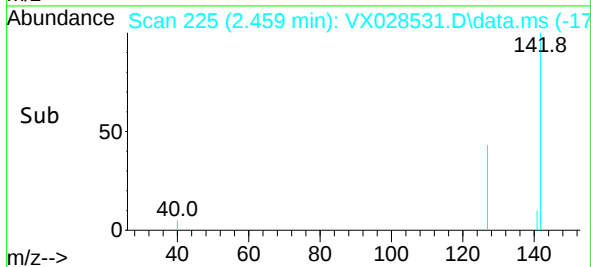
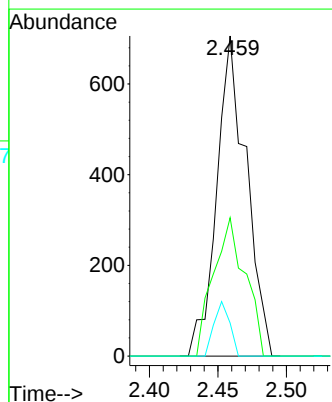
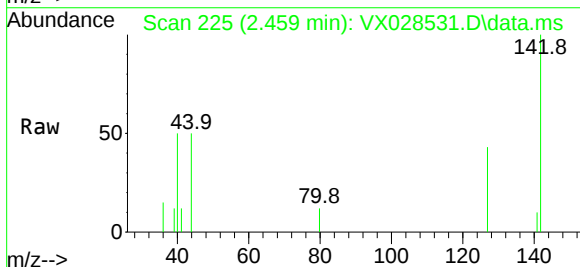
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL02

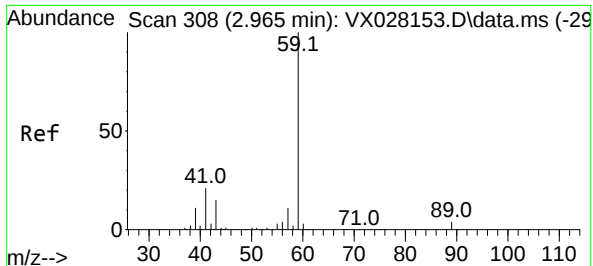
Tgt Ion: 74 Resp: 25
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.446 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Tgt Ion: 142 Resp: 1059
Ion Ratio Lower Upper
142 100
127 46.5 33.9 50.9
141 9.0 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: VX028531.D

Acq: 05 May 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

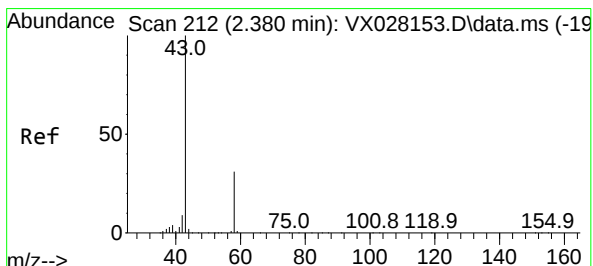
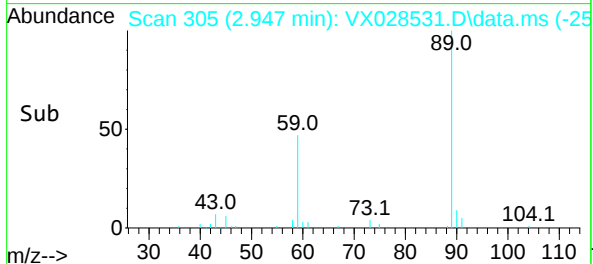
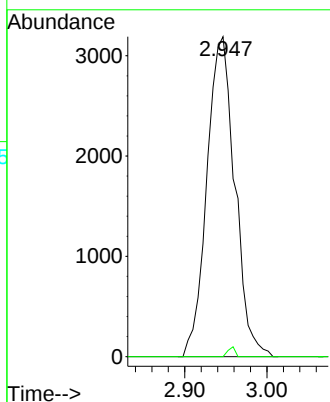
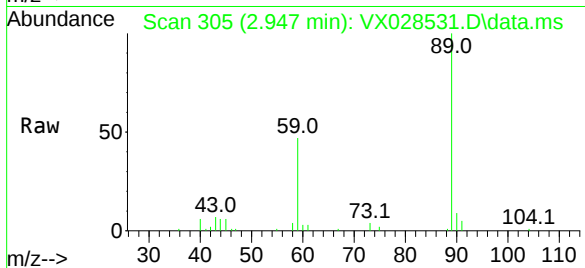
VX0505WBL02

Tgt Ion: 59 Resp: 7541

Ion Ratio Lower Upper

59 100

57 0.8 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX028531.D

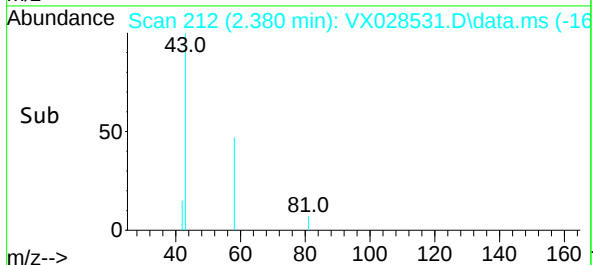
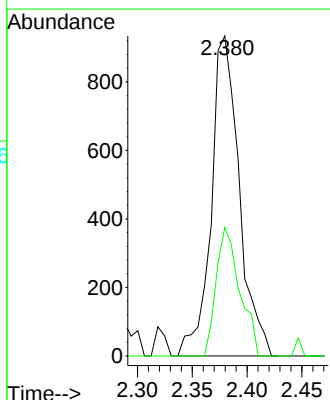
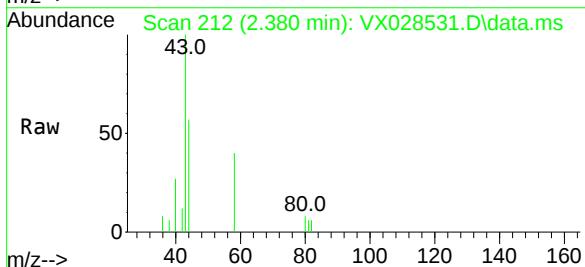
Acq: 05 May 2022 13:18

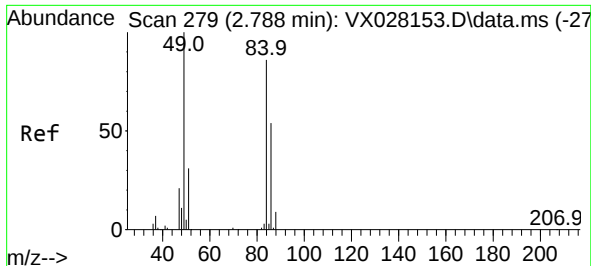
Tgt Ion: 43 Resp: 1660

Ion Ratio Lower Upper

43 100

58 40.1 28.8 43.2





#20

Methylene Chloride

Concen: 0.930 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028531.D

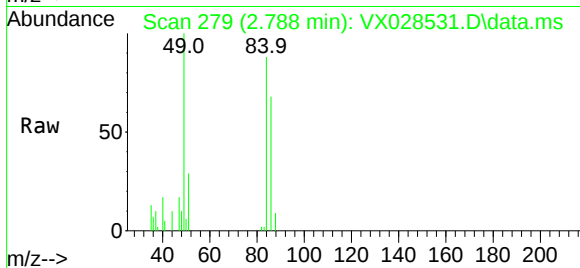
Acq: 05 May 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBL02



Tgt Ion: 84 Resp: 3633

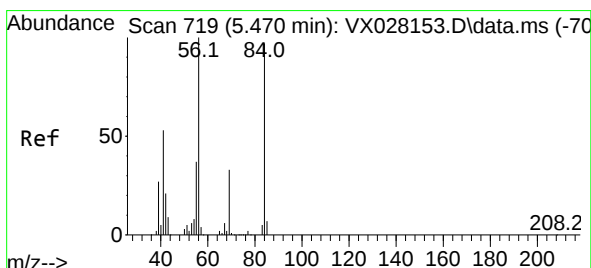
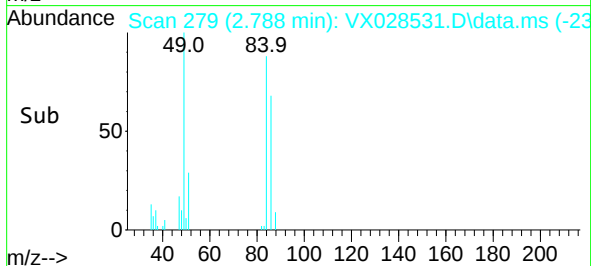
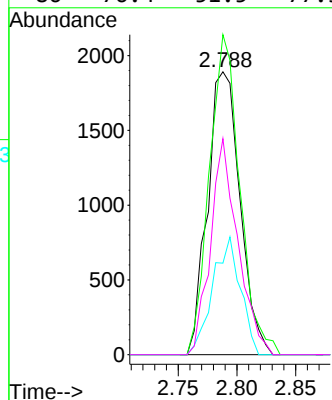
Ion Ratio Lower Upper

84 100

49 113.1 85.5 128.3

51 32.3 26.6 39.8

86 76.4 51.5 77.3



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX028531.D

Acq: 05 May 2022 13:18

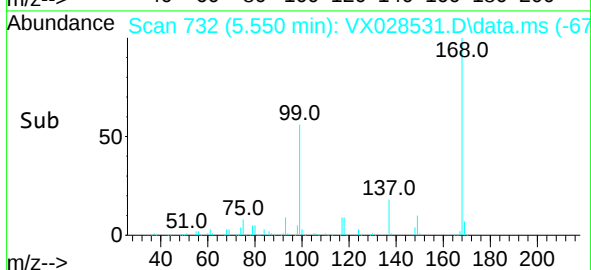
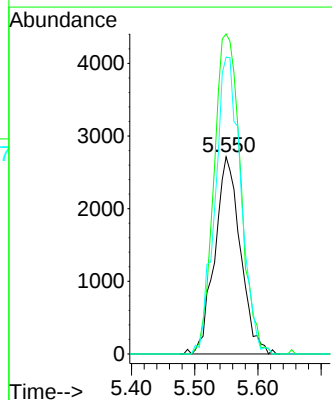
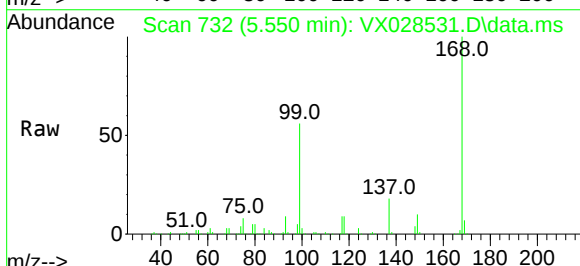
Tgt Ion: 56 Resp: 7608

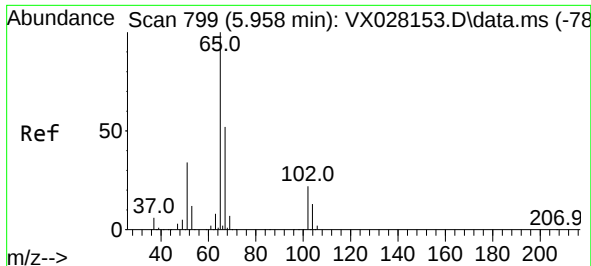
Ion Ratio Lower Upper

56 100

69 162.3 26.7 40.1#

84 150.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.226 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028531.D

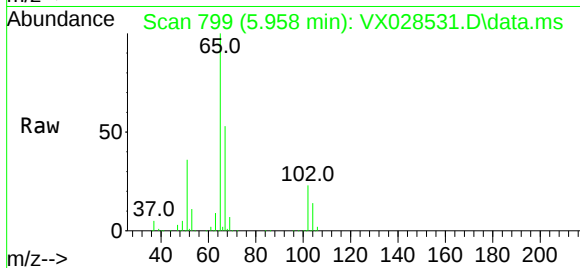
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Instrument :

MSVOA_X

ClientSampleId :

VX0505WBL02

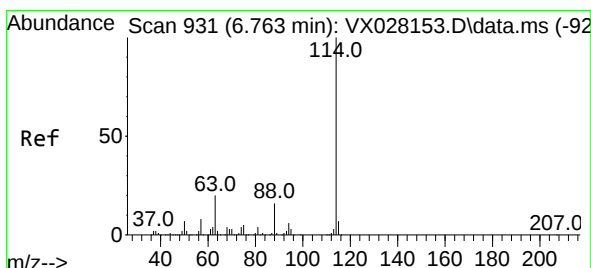
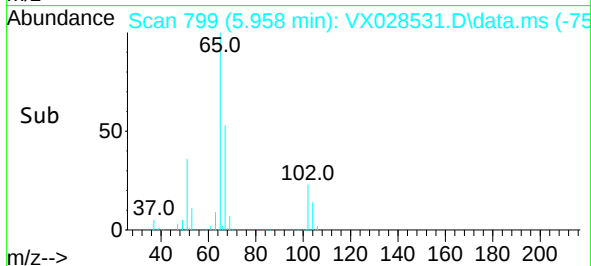
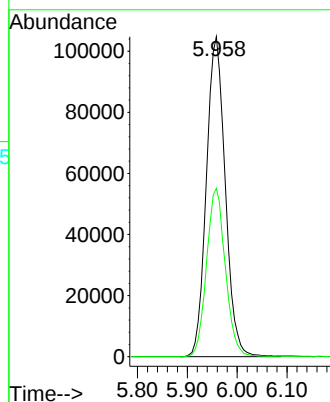


Tgt Ion: 65 Resp: 275014

Ion Ratio Lower Upper

65 100

67 52.4 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: VX028531.D

Acq: 05 May 2022 13:18

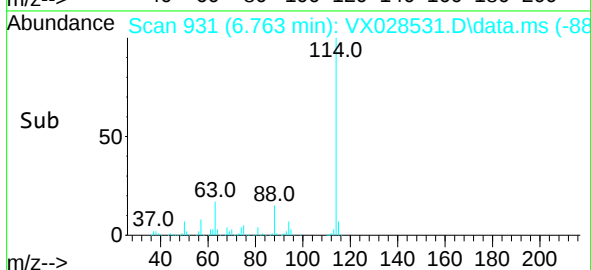
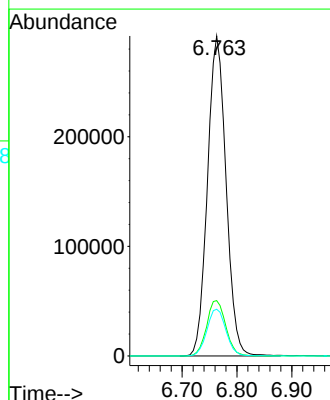
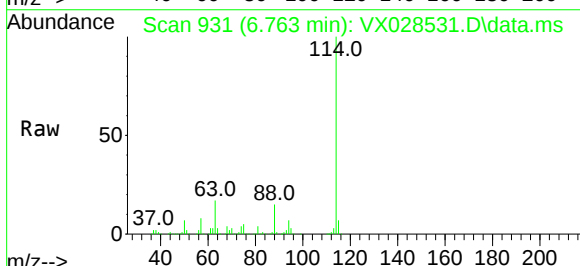
Tgt Ion: 114 Resp: 686233

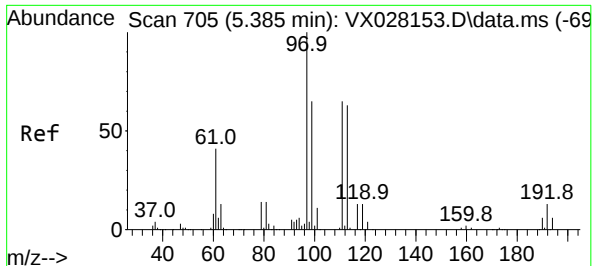
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 14.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.996 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028531.D

Acq: 05 May 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBL02

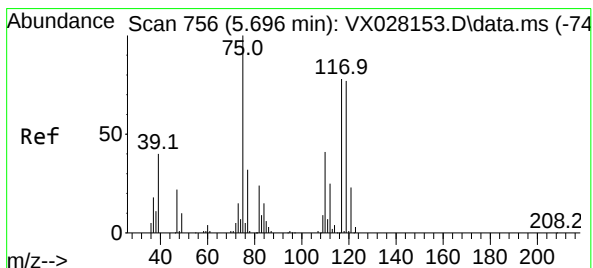
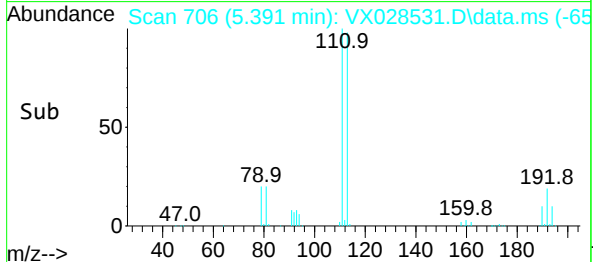
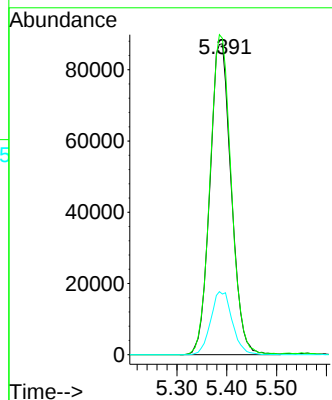
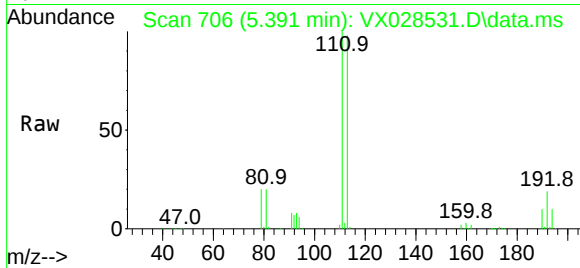
Tgt Ion:113 Resp: 259854

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 20.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.656 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028531.D

Acq: 05 May 2022 13:18

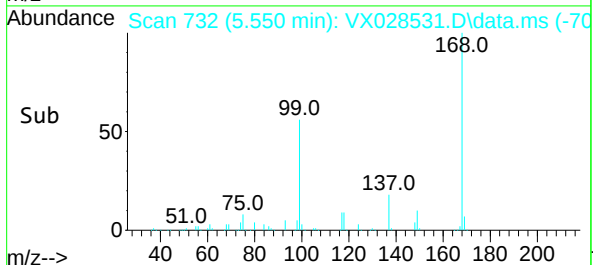
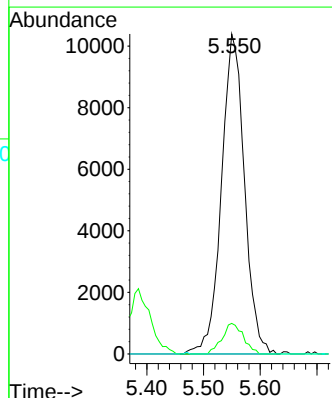
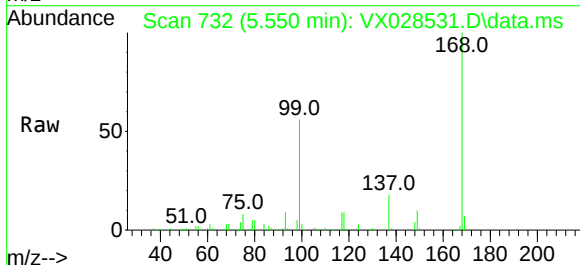
Tgt Ion: 75 Resp: 29228

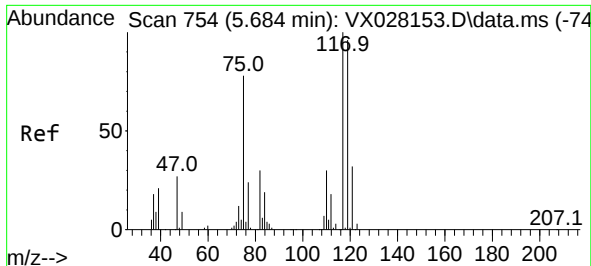
Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

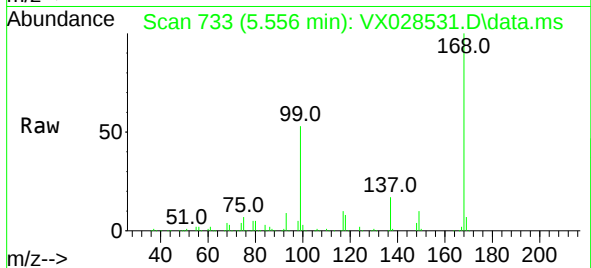
77 0.0 24.8 37.2#



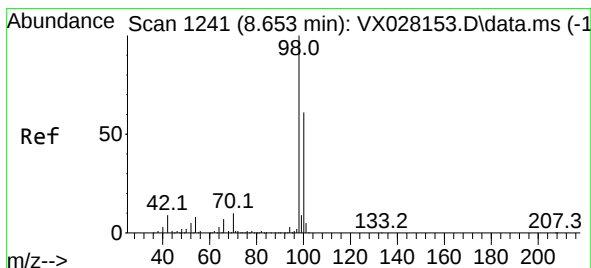
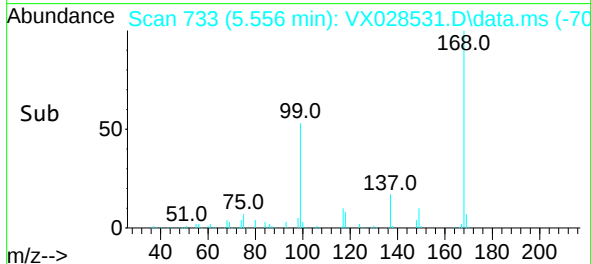
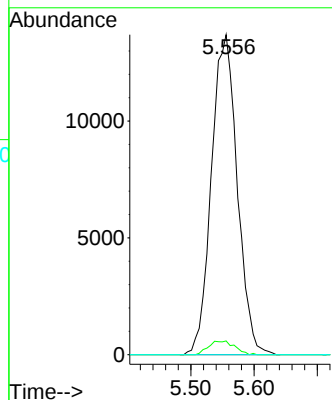


#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL02

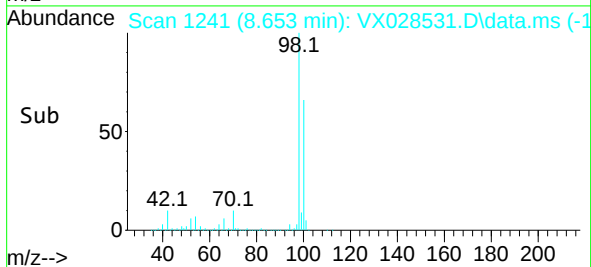
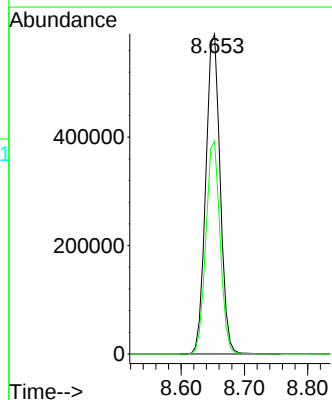
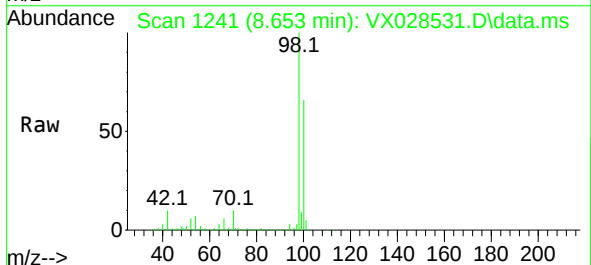


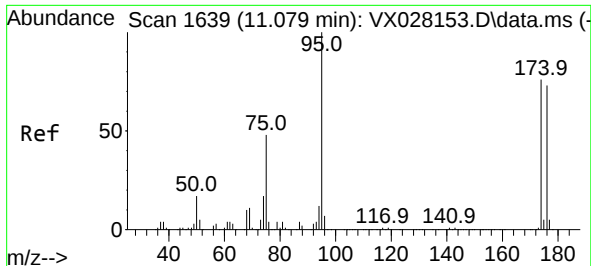
Tgt Ion:117 Resp: 38826
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.543 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Tgt Ion: 98 Resp: 934237
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

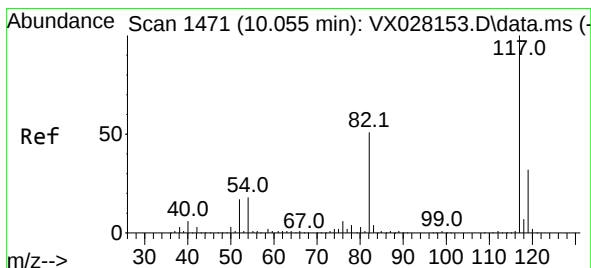
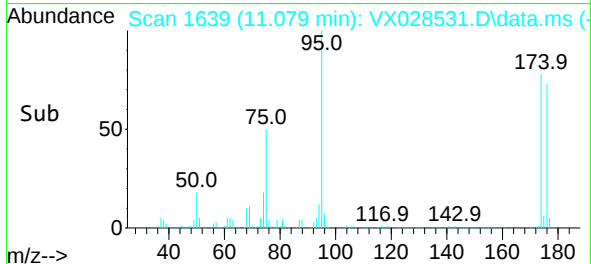
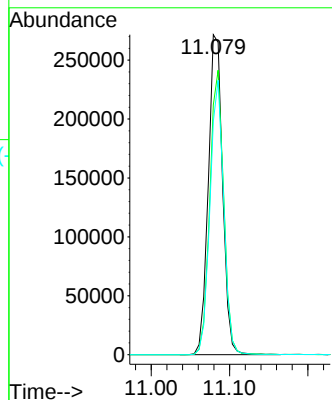
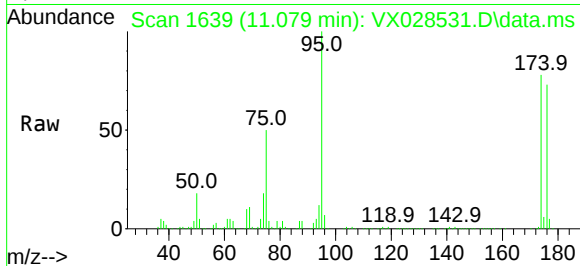




#62
4-Bromofluorobenzene
Concen: 48.612 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

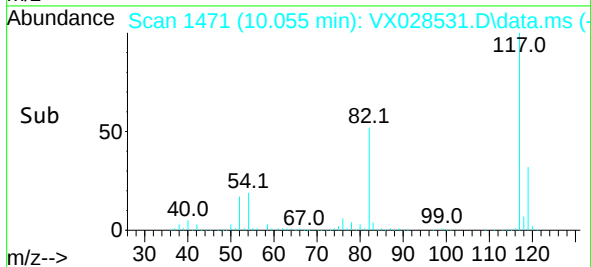
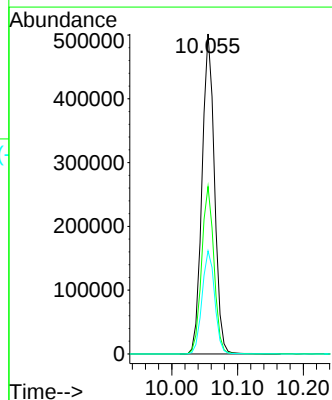
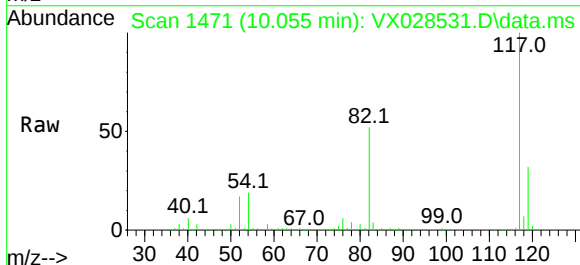
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL02

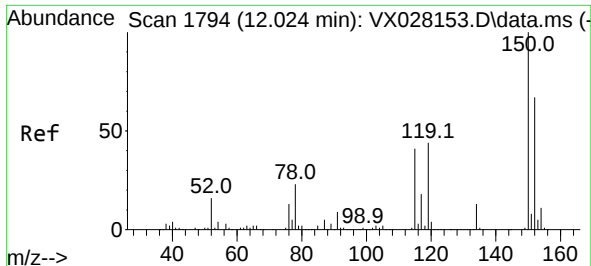
Tgt Ion: 95 Resp: 343563
Ion Ratio Lower Upper
95 100
174 86.5 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Tgt Ion: 117 Resp: 658153
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.2 24.8 37.2

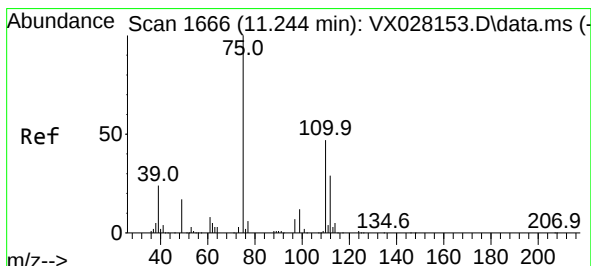
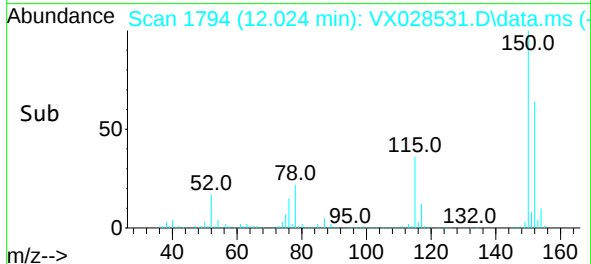
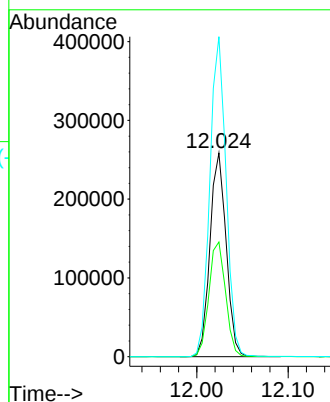
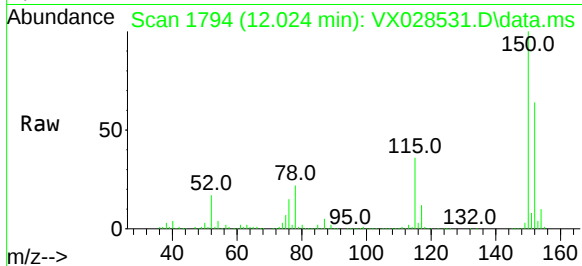




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028531.D
 Acq: 05 May 2022 13:18

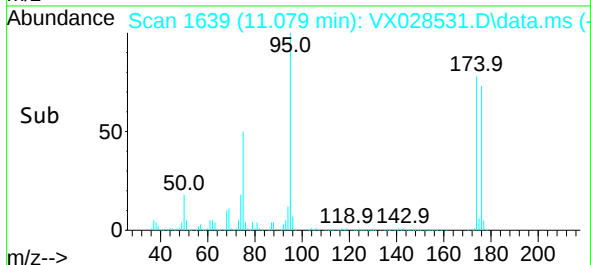
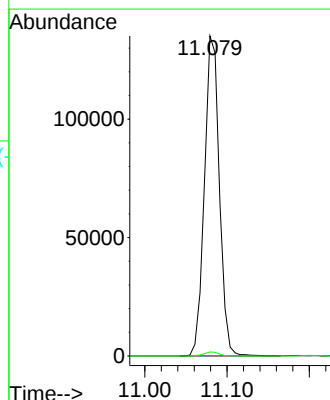
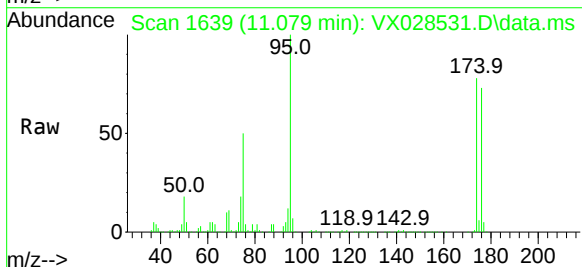
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBL02

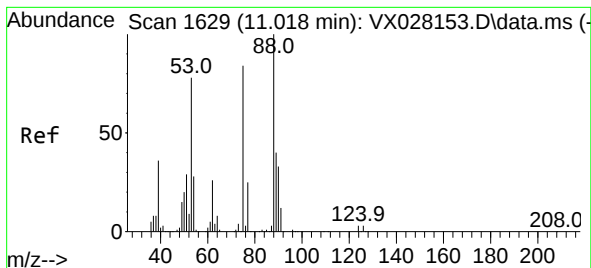
Tgt Ion:152 Resp: 318077
 Ion Ratio Lower Upper
 152 100
 115 58.1 37.5 112.7
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.211 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028531.D
 Acq: 05 May 2022 13:18

Tgt Ion: 75 Resp: 170342
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#

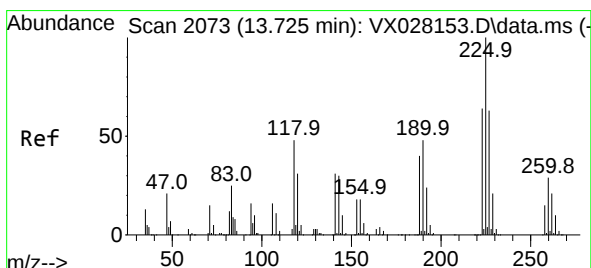
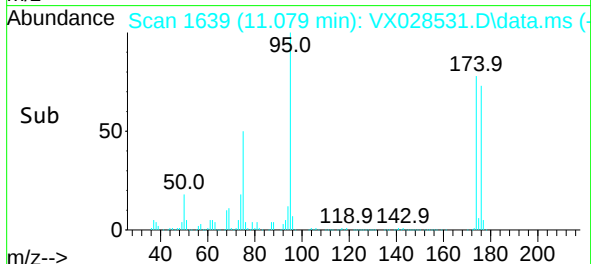
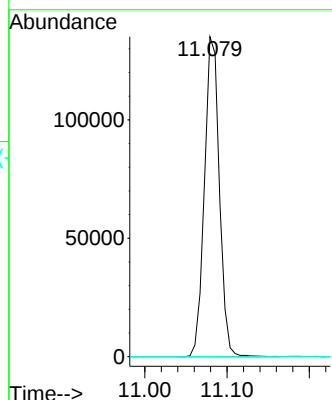
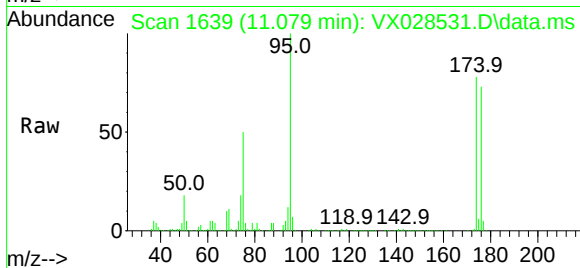




#81
trans-1,4-Dichloro-2-butene
Concen: 80.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBL02

Tgt Ion: 75 Resp: 170342
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.240 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028531.D
Acq: 05 May 2022 13:18

Tgt Ion: 225 Resp: 677
Ion Ratio Lower Upper
225 100
223 48.0 34.2 102.5
227 66.0 33.9 101.7

