

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028257.D
 Acq On : 21 Apr 2022 21:25
 Operator : JC/MD
 Sample : N2511-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1592

Quant Time: Apr 22 06:21:00 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)

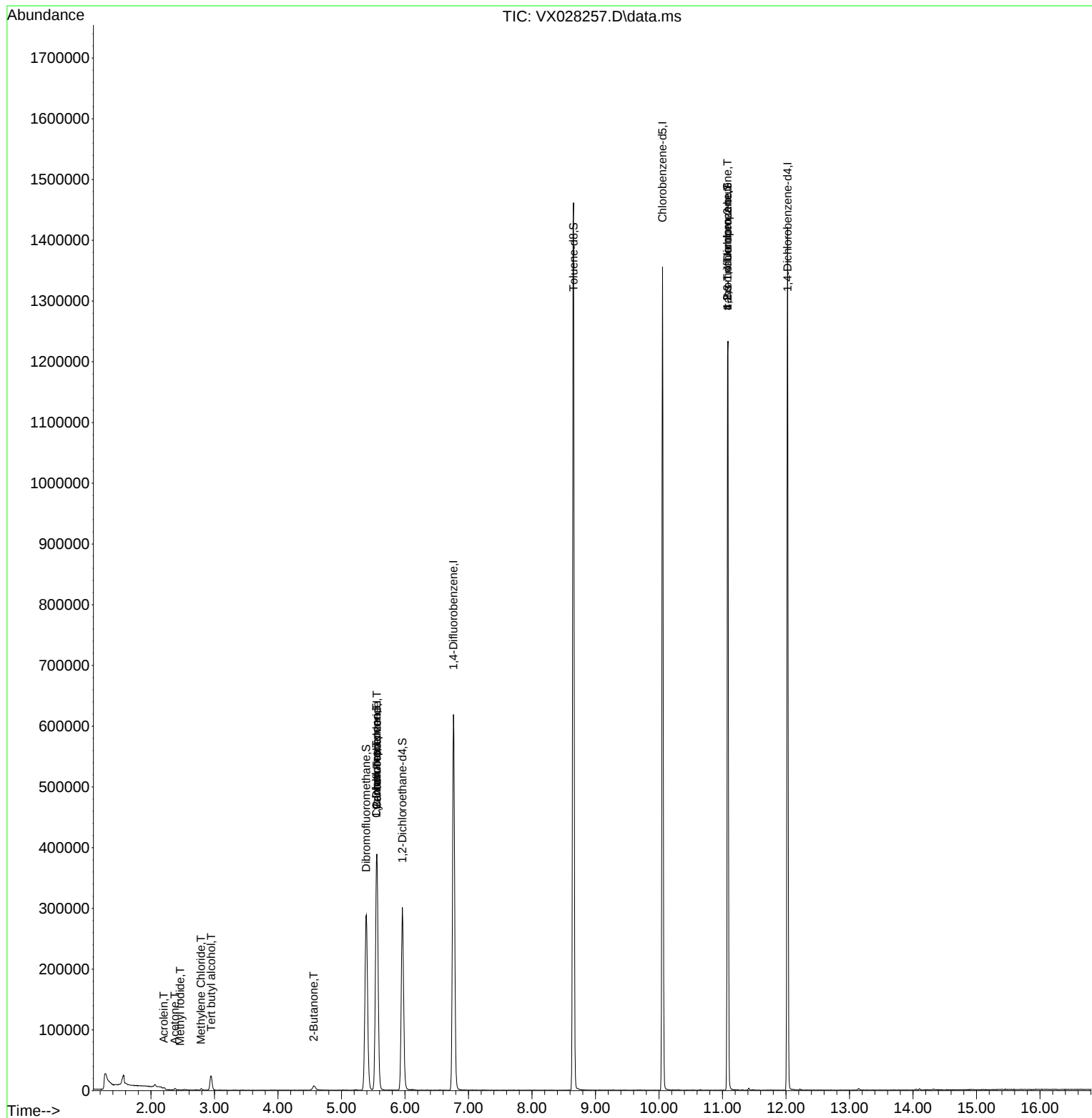
Internal Standards						
1) Pentafluorobenzene	5.556	168	384909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	666681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	629426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	295042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275162	54.827	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.660%			
35) Dibromofluoromethane	5.385	113	250505	53.580	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.160%			
50) Toluene-d8	8.653	98	910092	50.681	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	326014	47.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.960%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1980	Below Cal	#	65
5) Bromomethane	1.605	94	662	Below Cal	#	73
6) Chloroethane	1.752	64	462	Below Cal	#	61
8) Diethyl Ether	2.142	74	44	Below Cal	#	7
10) Methyl Iodide	2.459	142	250	5.287	ug/l #	50
11) Tert butyl alcohol	2.947	59	13374	4.145	ug/l #	77
13) Acrolein	2.203	56	142	0.231	ug/l #	1
16) Acetone	2.374	43	2743	0.396	ug/l #	72
20) Methylene Chloride	2.788	84	976	0.262	ug/l #	91
25) 2-Butanone	4.562	43	1051	0.354	ug/l #	83
31) Cyclohexane	5.550	56	7294	1.193	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	28166	4.618	ug/l #	50
38) Carbon Tetrachloride	5.556	117	37751	5.483	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	164490	28.328	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	164490	84.183	ug/l #	15

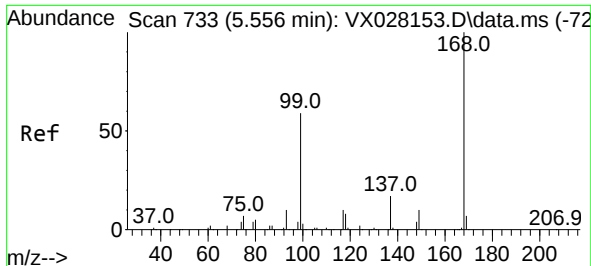
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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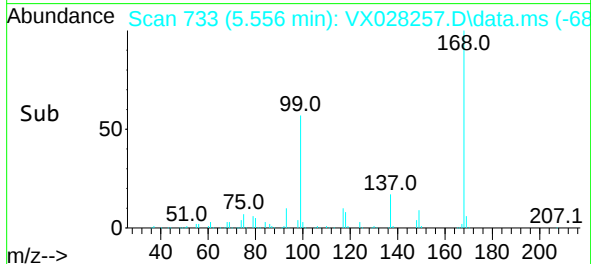
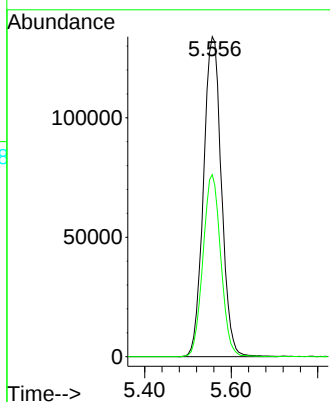
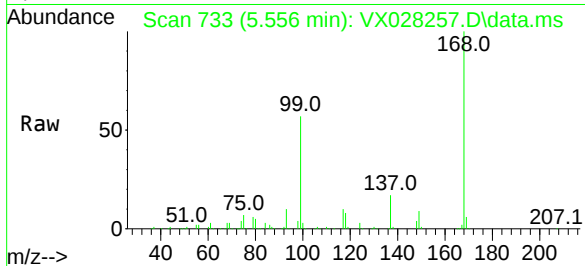




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

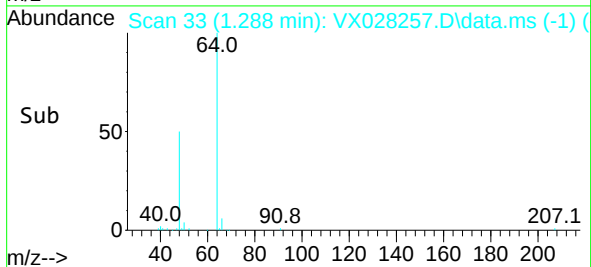
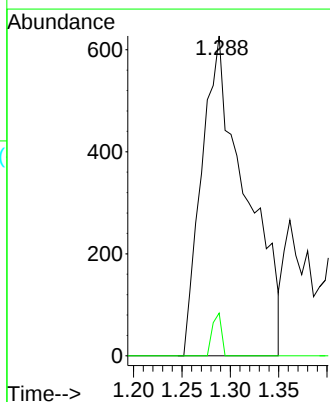
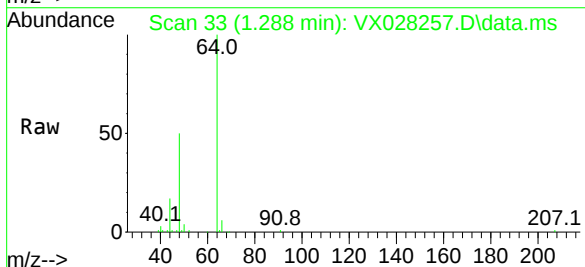
Instrument :
MSVOA_X
ClientSampleId :
1592

Tgt Ion:168 Resp: 384909
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion: 50 Resp: 1980
Ion Ratio Lower Upper
50 100
52 13.4 26.4 39.6#

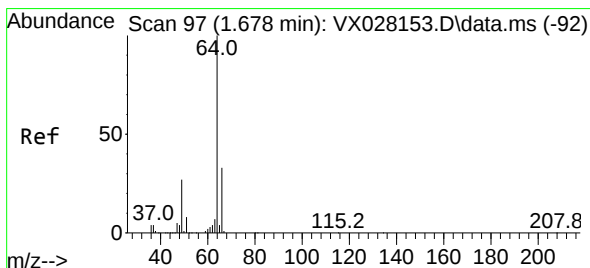
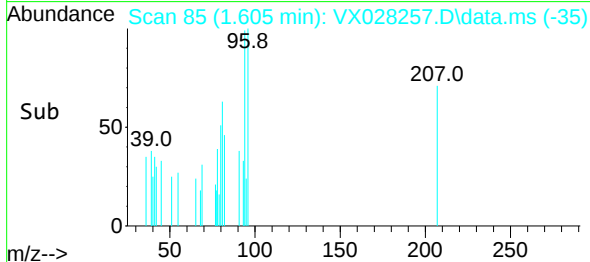
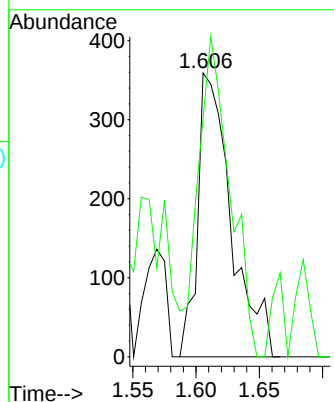
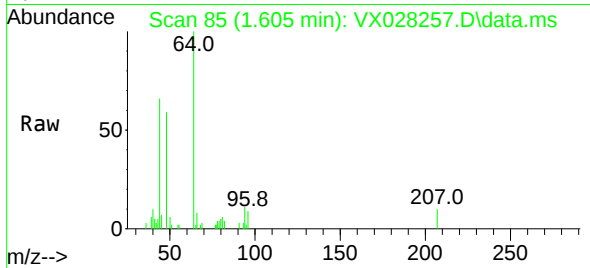




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

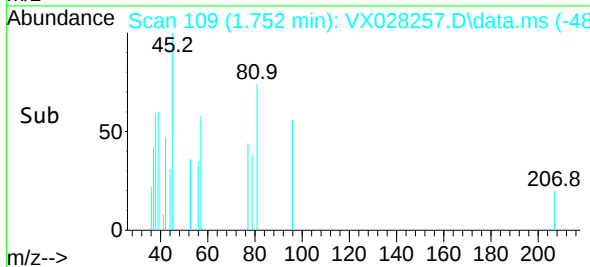
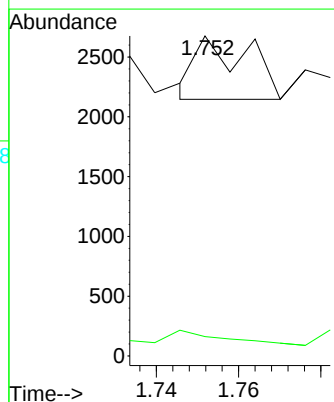
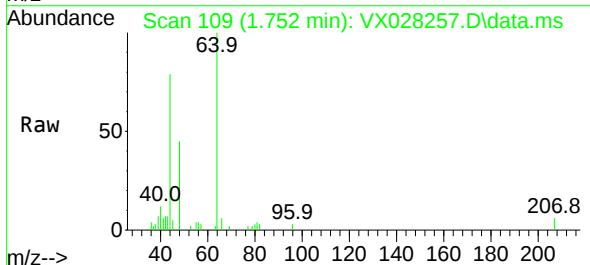
Instrument :
MSVOA_X
ClientSampleId :
1592

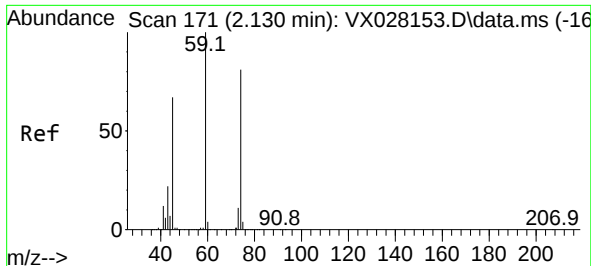
Tgt Ion: 94 Resp: 662
Ion Ratio Lower Upper
94 100
96 68.0 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.752 min Scan# 109
Delta R.T. 0.074 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion: 64 Resp: 462
Ion Ratio Lower Upper
64 100
66 10.2 25.3 37.9#

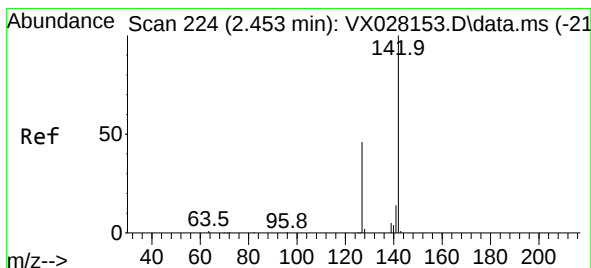
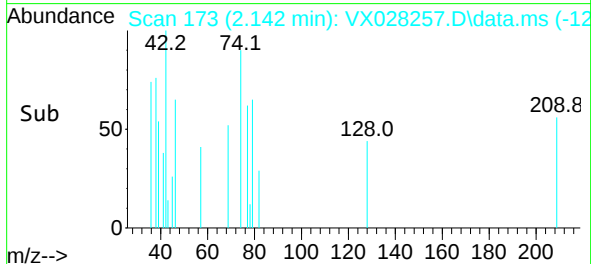
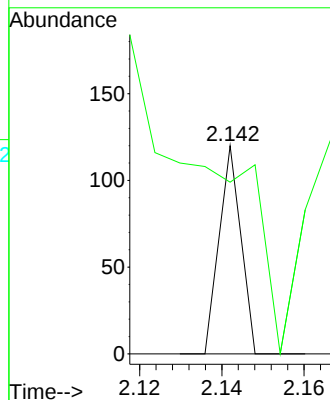
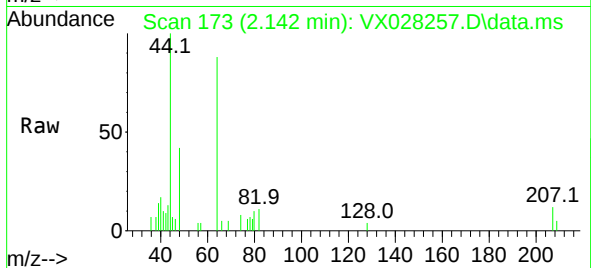




#8
Diethyl Ether
Concen: Below Cal
RT: 2.142 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

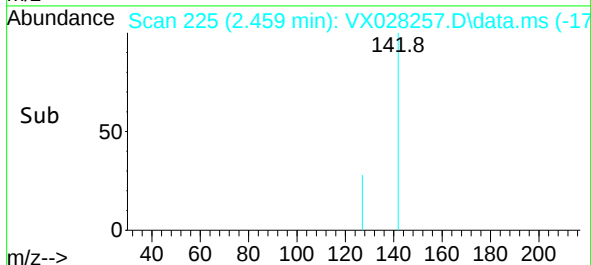
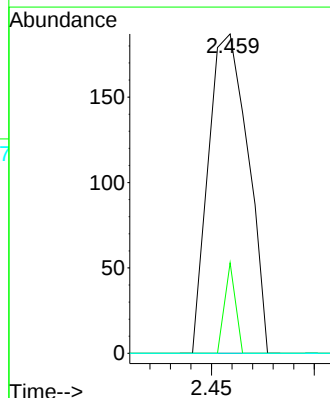
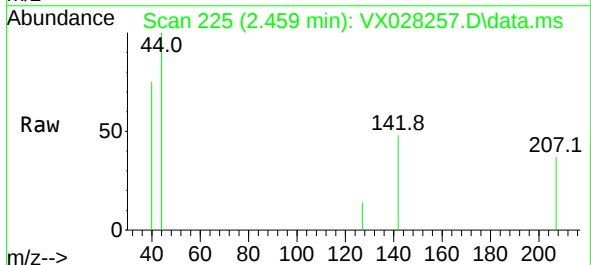
Instrument :
MSVOA_X
ClientSampleId :
1592

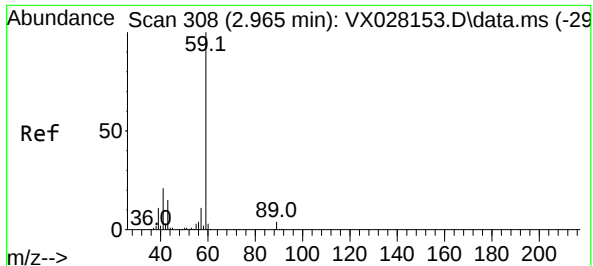
Tgt Ion: 74 Resp: 44
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.287 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion:142 Resp: 250
Ion Ratio Lower Upper
142 100
127 7.6 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 4.145 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX028257.D

Acq: 21 Apr 2022 21:25

Instrument :

MSVOA_X

ClientSampleId :

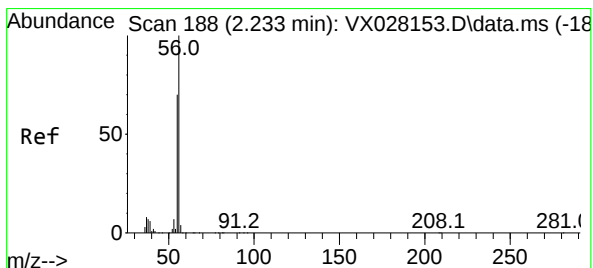
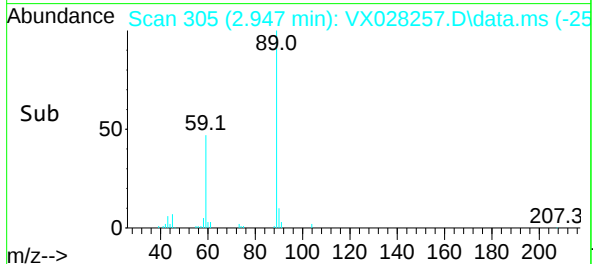
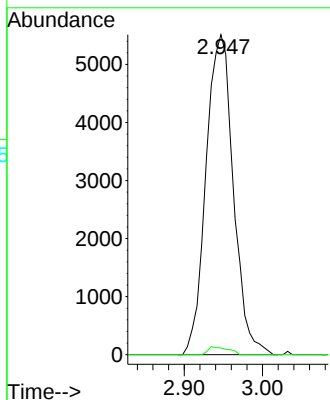
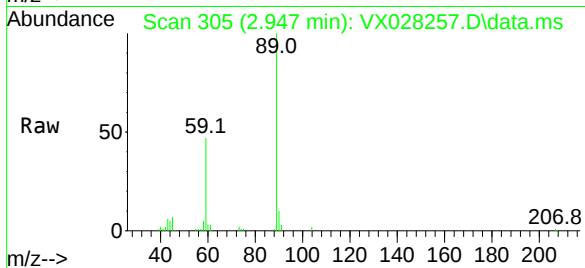
1592

Tgt Ion: 59 Resp: 13374

Ion Ratio Lower Upper

59 100

57 1.8 8.3 12.5#



#13

Acrolein

Concen: 0.231 ug/l

RT: 2.203 min Scan# 183

Delta R.T. -0.030 min

Lab File: VX028257.D

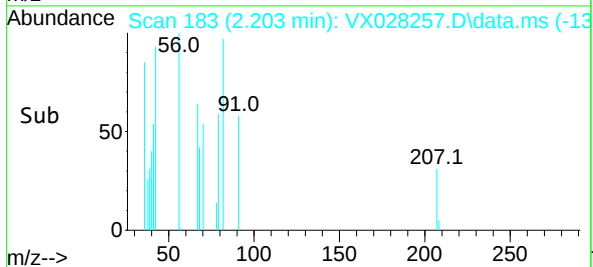
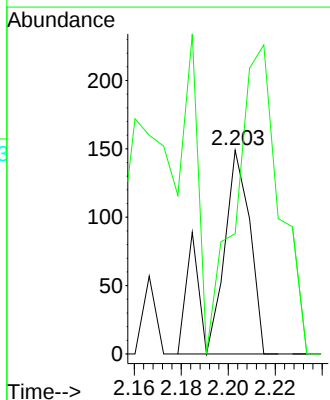
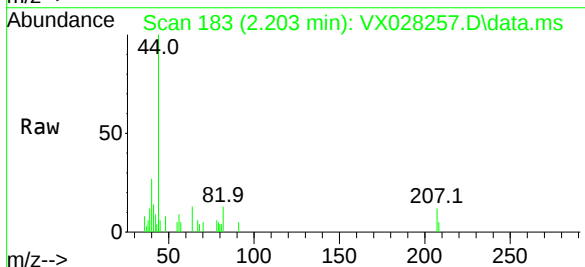
Acq: 21 Apr 2022 21:25

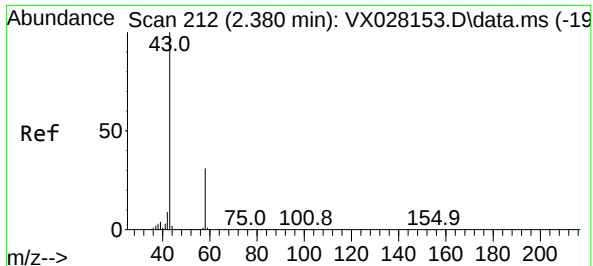
Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 205.6 55.0 82.6#

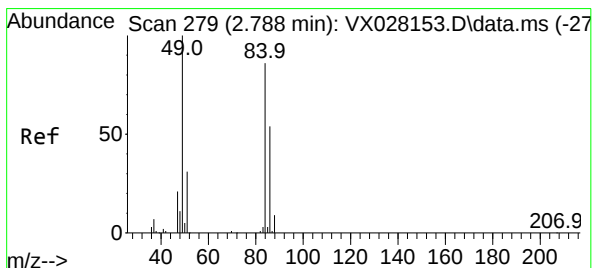
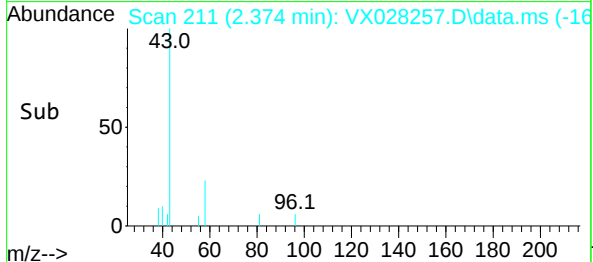
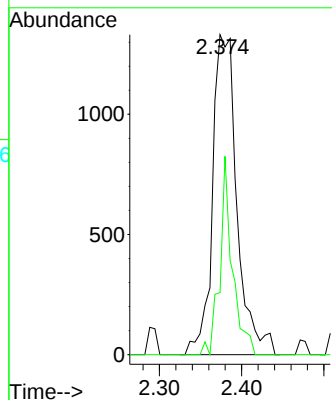
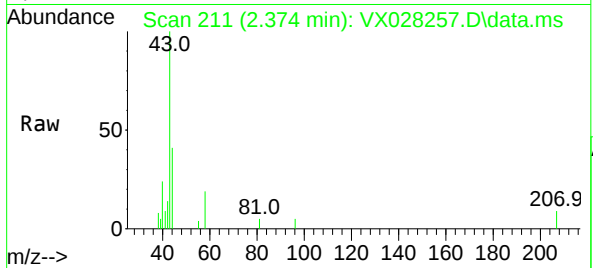




#16
Acetone
Concen: 0.396 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

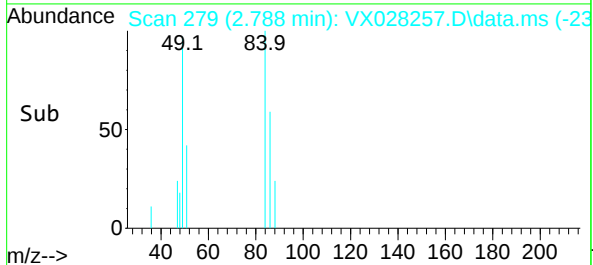
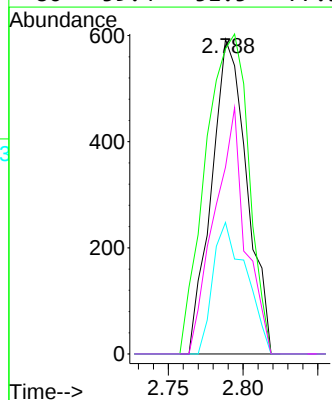
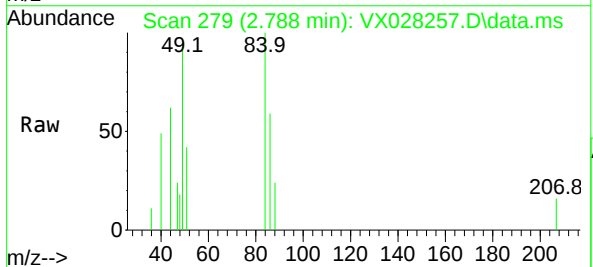
Instrument :
MSVOA_X
ClientSampleId :
1592

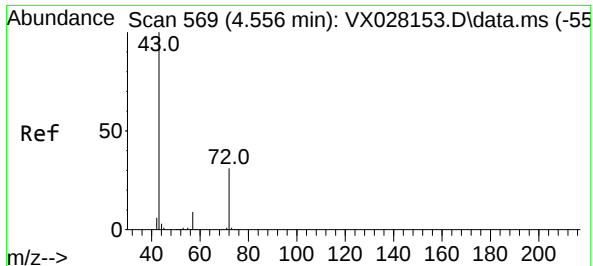
Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
58 19.4 28.8 43.2#



#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion: 84 Resp: 976
Ion Ratio Lower Upper
84 100
49 97.0 85.5 128.3
51 41.8 26.6 39.8#
86 59.4 51.5 77.3





#25

2-Butanone

Concen: 0.354 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028257.D

Acq: 21 Apr 2022 21:25

Instrument :

MSVOA_X

ClientSampleId :

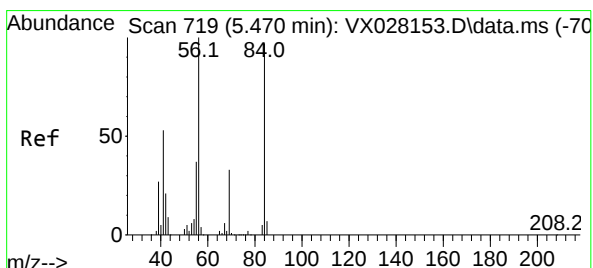
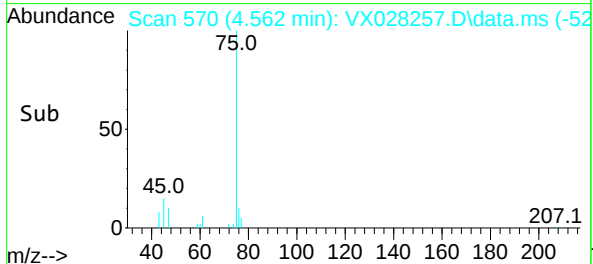
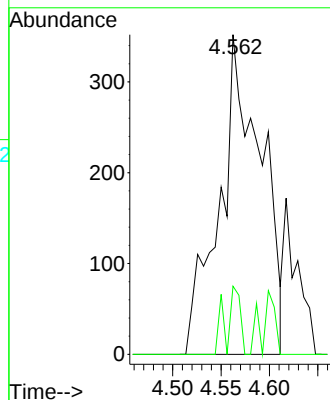
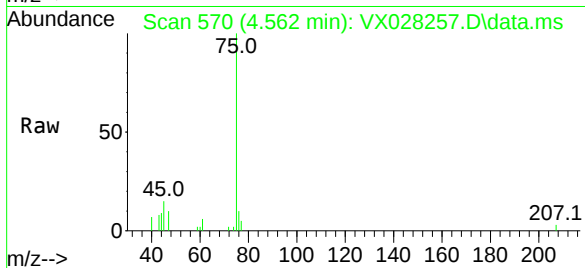
1592

Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

43 100

72 21.3 24.4 36.6#



#31

Cyclohexane

Concen: 1.193 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX028257.D

Acq: 21 Apr 2022 21:25

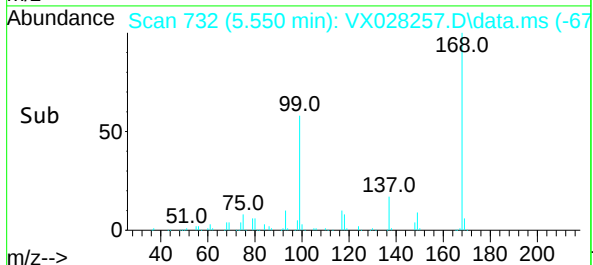
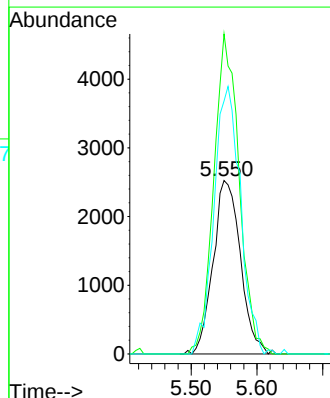
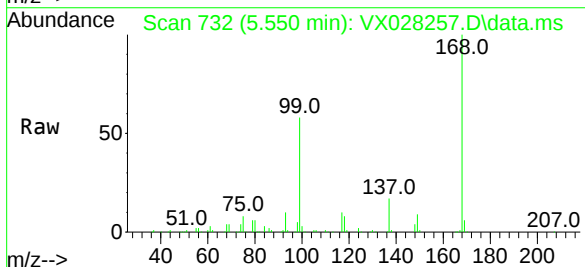
Tgt Ion: 56 Resp: 7294

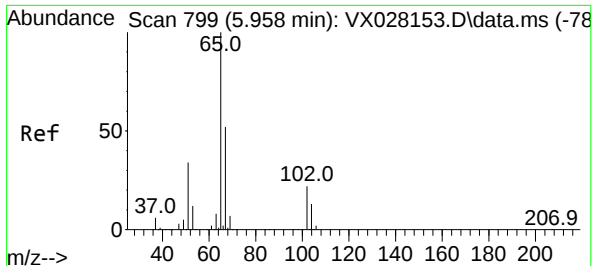
Ion Ratio Lower Upper

56 100

69 184.5 26.7 40.1#

84 145.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.827 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028257.D

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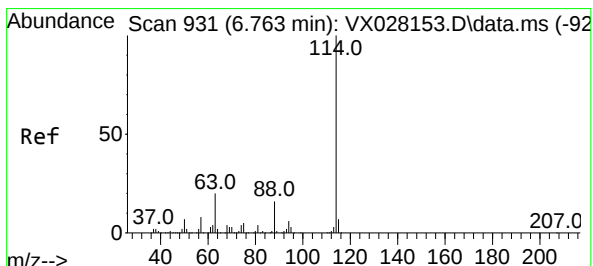
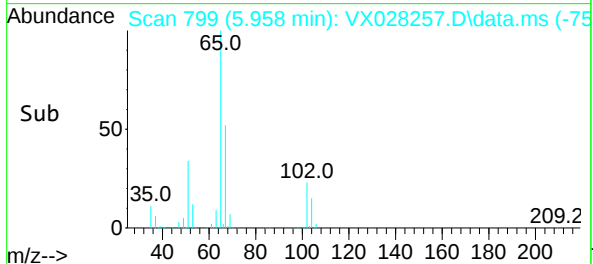
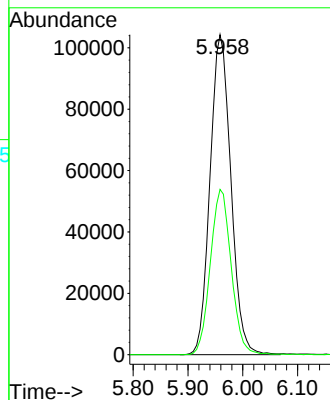
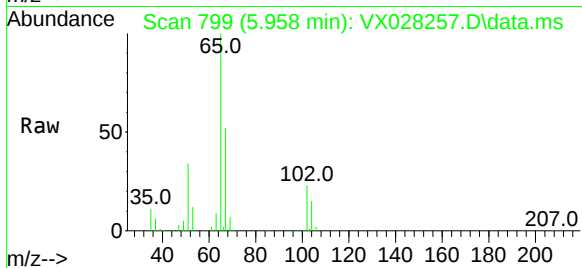
1592

Tgt Ion: 65 Resp: 275162

Ion Ratio Lower Upper

65 100

67 51.8 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: VX028257.D

Acq: 21 Apr 2022 21:25

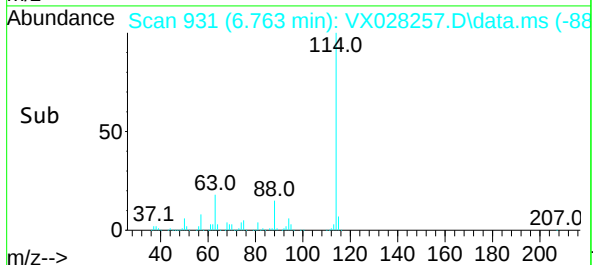
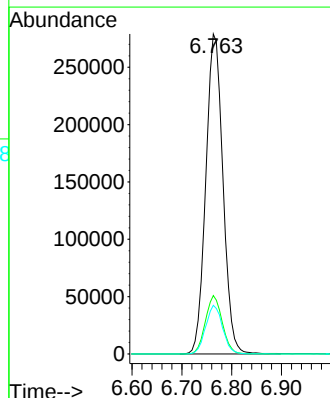
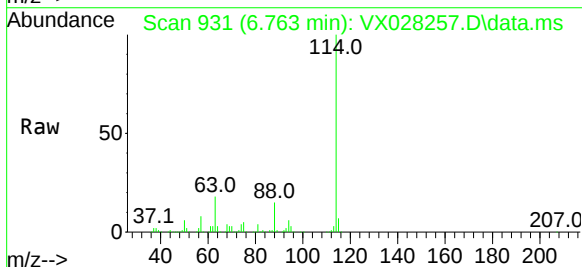
Tgt Ion: 114 Resp: 666681

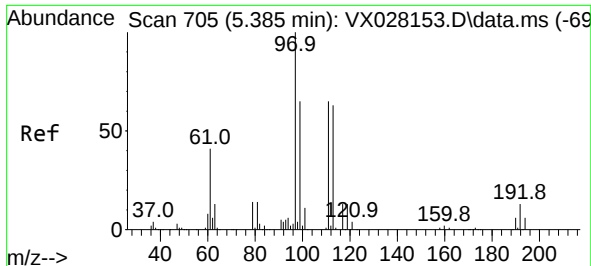
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.2 0.0 32.4

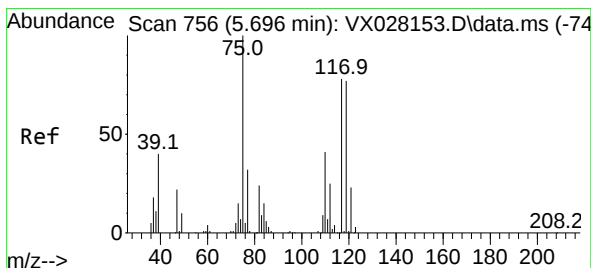
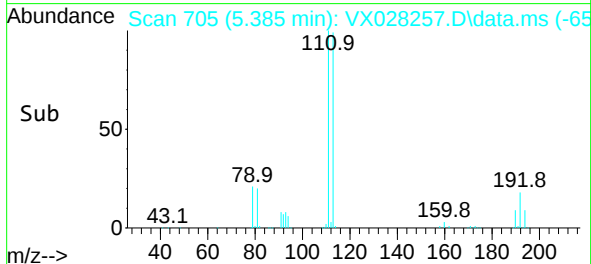
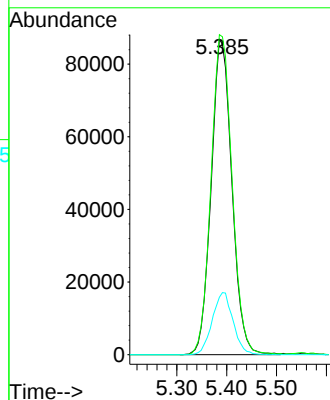
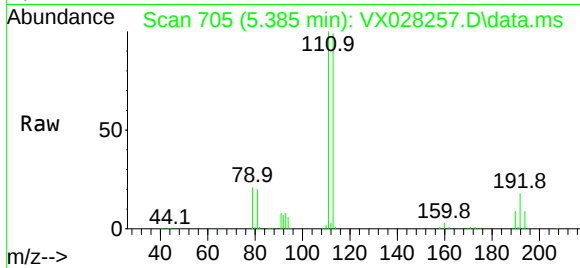




#35
Dibromofluoromethane
Concen: 53.580 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

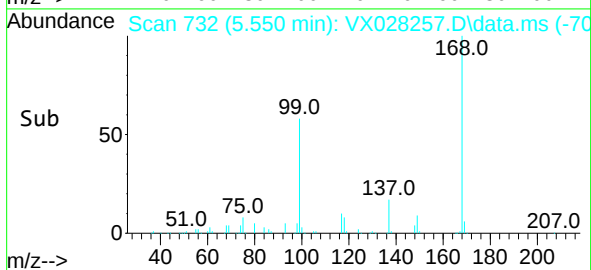
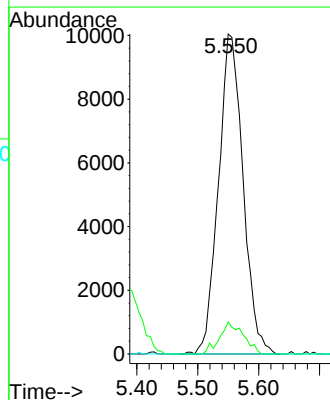
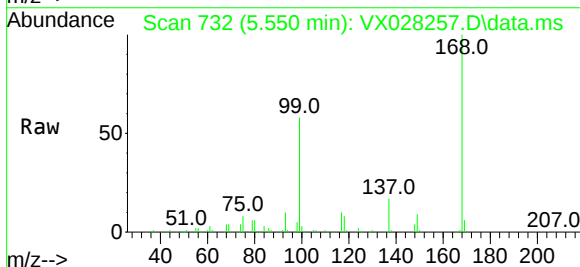
Instrument :
MSVOA_X
ClientSampleId :
1592

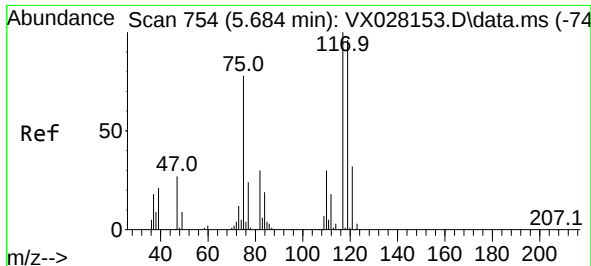
Tgt Ion:113 Resp: 250505
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion: 75 Resp: 28166
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#

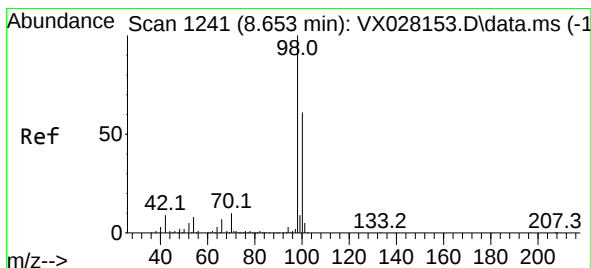
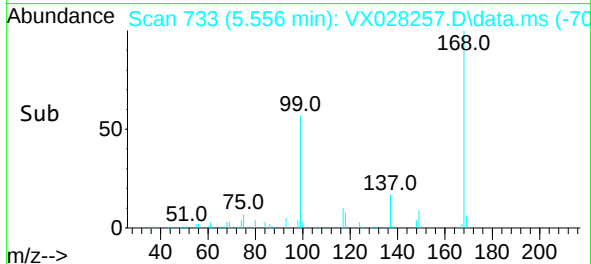
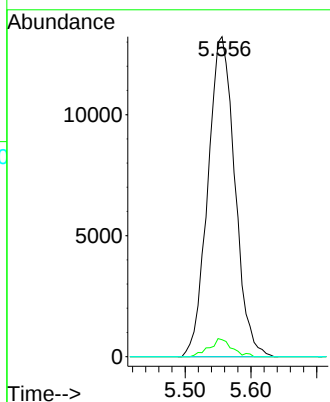
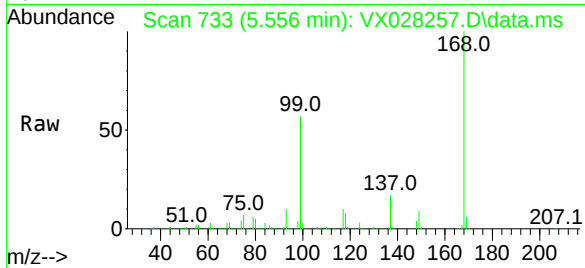




#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

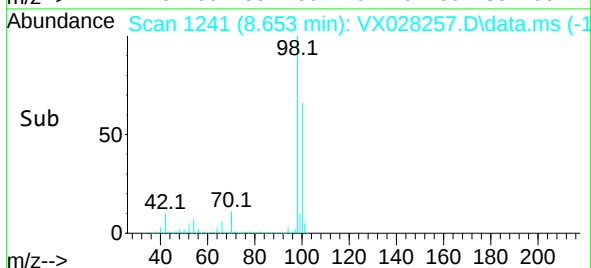
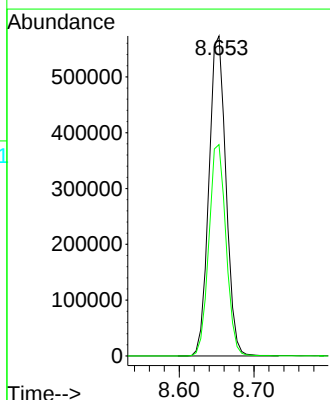
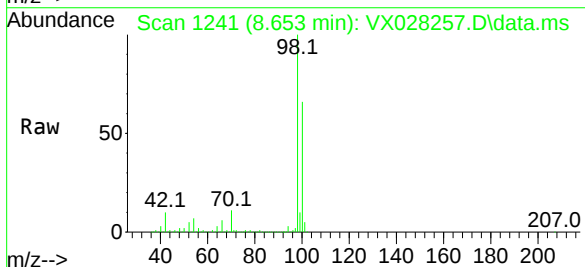
Instrument :
MSVOA_X
ClientSampleId :
1592

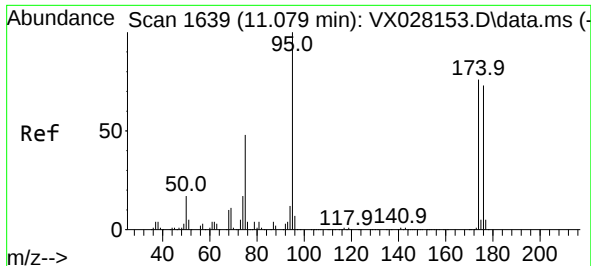
Tgt Ion:117 Resp: 37751
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.681 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion: 98 Resp: 910092
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

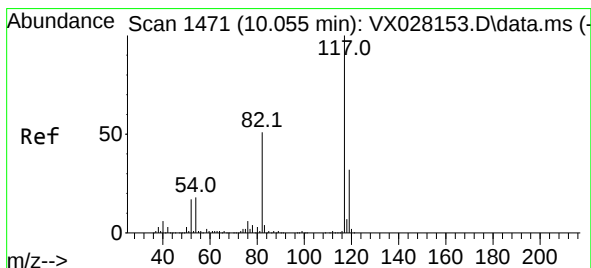
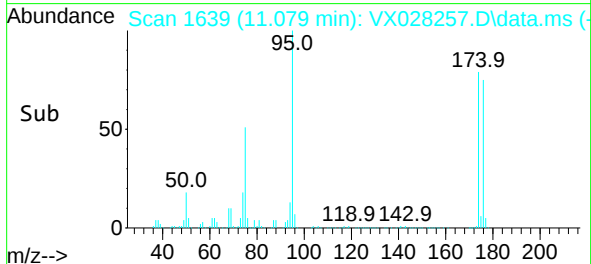
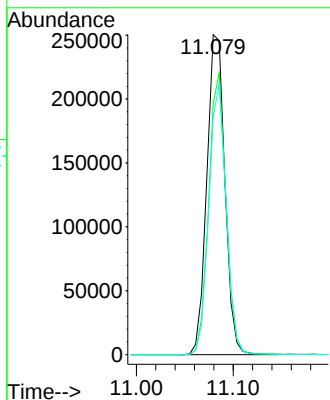
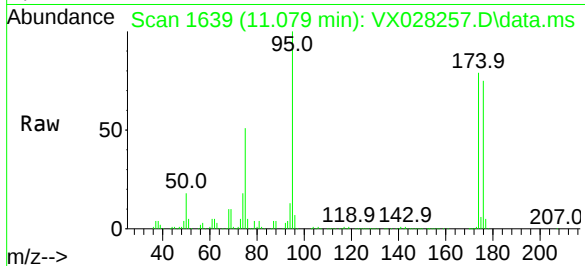




#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

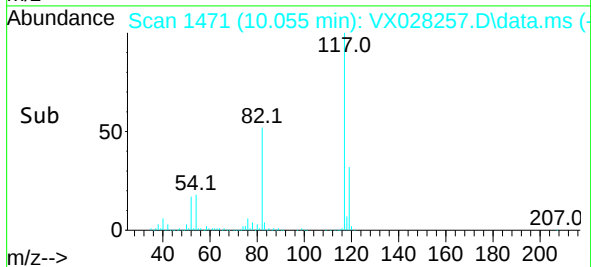
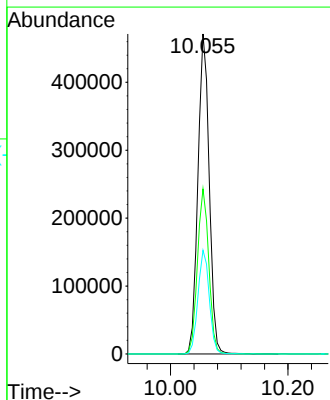
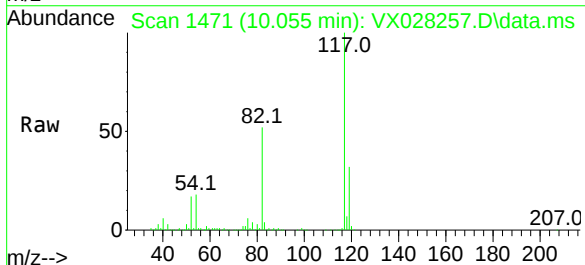
Instrument :
MSVOA_X
ClientSampleId :
1592

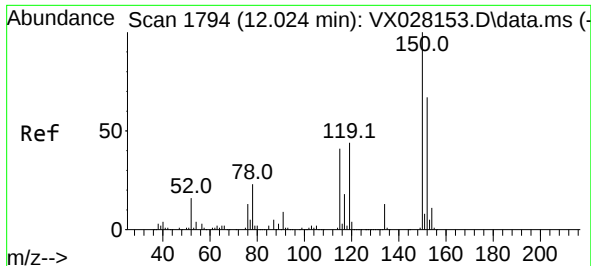
Tgt Ion: 95 Resp: 326014
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 81.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028257.D
Acq: 21 Apr 2022 21:25

Tgt Ion: 117 Resp: 629426
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.4 24.8 37.2

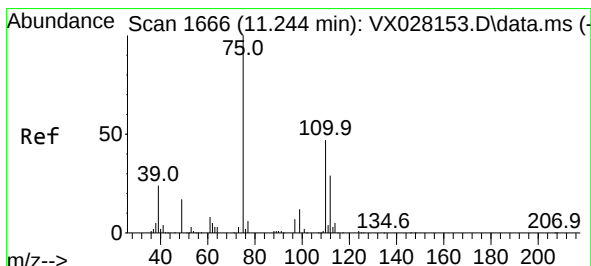
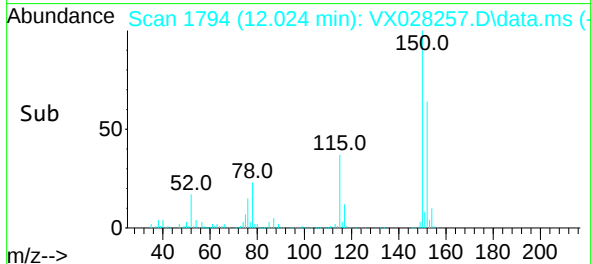
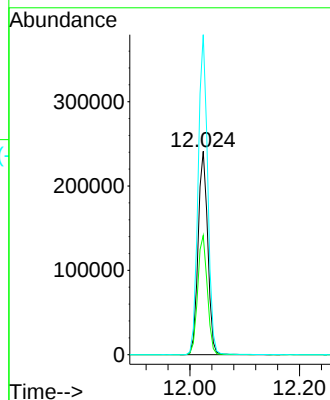
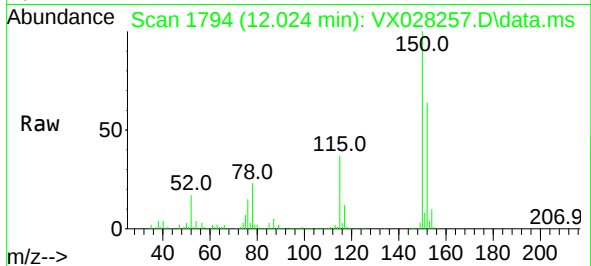




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028257.D
 Acq: 21 Apr 2022 21:25

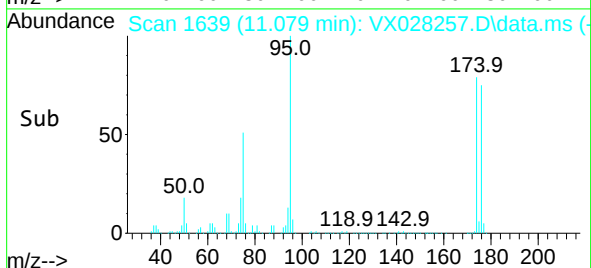
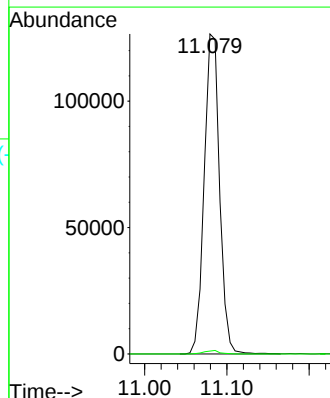
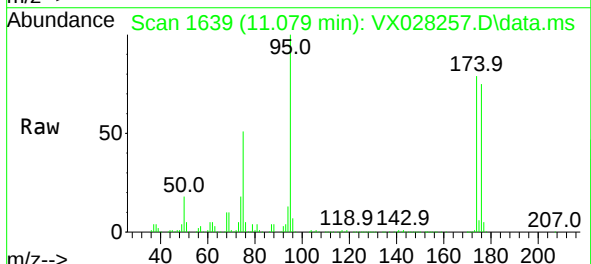
Instrument :
 MSVOA_X
 ClientSampleId :
 1592

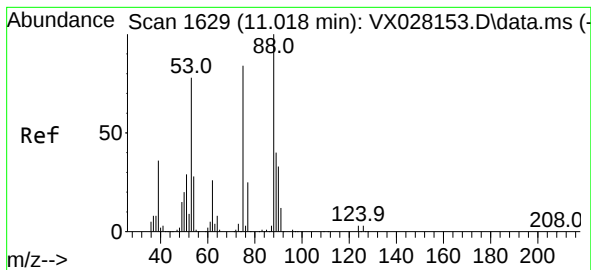
Tgt Ion:152 Resp: 295042
 Ion Ratio Lower Upper
 152 100
 115 58.8 37.5 112.7
 150 156.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.328 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028257.D
 Acq: 21 Apr 2022 21:25

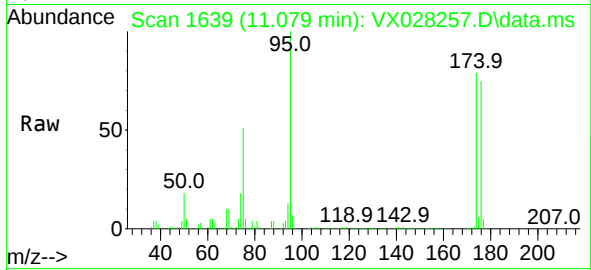
Tgt Ion: 75 Resp: 164490
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.183 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028257.D
 Acq: 21 Apr 2022 21:25

Instrument :
 MSVOA_X
 ClientSampleId :
 1592



Tgt Ion: 75 Resp: 164490
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

