

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028325.D
 Acq On : 25 Apr 2022 14:37
 Operator : JC/MD
 Sample : N2547-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Apr 26 08:11:05 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	375105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	650380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	623126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	291914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	278316	56.904	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.800%	
35) Dibromofluoromethane	5.391	113	251189	55.072	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 110.140%	
50) Toluene-d8	8.653	98	920941	52.571	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	11.079	95	331515	49.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	646	Below Cal	#	88
5) Bromomethane	1.611	94	1157	Below Cal	#	78
6) Chloroethane	1.678	64	171	Below Cal	#	43
8) Diethyl Ether	2.166	74	19	Below Cal	#	1
10) Methyl Iodide	2.465	142	748	5.396 ug/l	#	82
11) Tert butyl alcohol	2.940	59	709	Below Cal	#	72
16) Acetone	2.380	43	2828	0.500 ug/l		93
18) Methyl Acetate	2.709	43	870	0.200 ug/l	#	69
20) Methylene Chloride	2.788	84	1013	0.279 ug/l	#	88
31) Cyclohexane	5.556	56	7517	1.261 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	26920	4.525 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	37551	5.591 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.647	43	3374	0.535 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	168538	29.336 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	168538	87.179 ug/l	#	15
90) Hexachloroethane	12.701	117	28	1.822 ug/l	#	10

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

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Response via : Initial Calibration

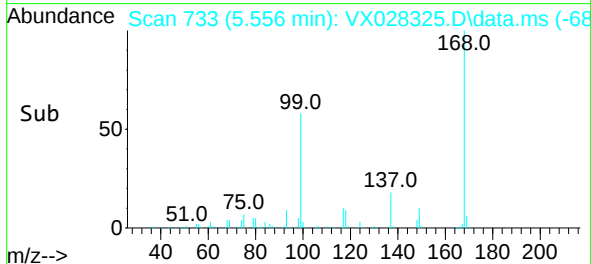
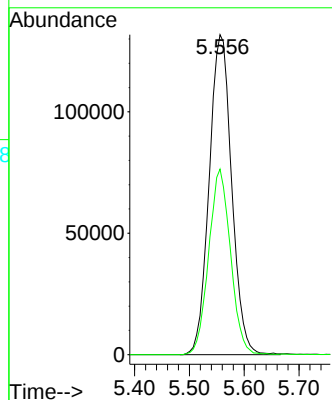
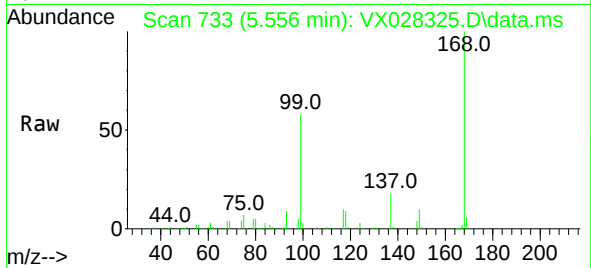




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

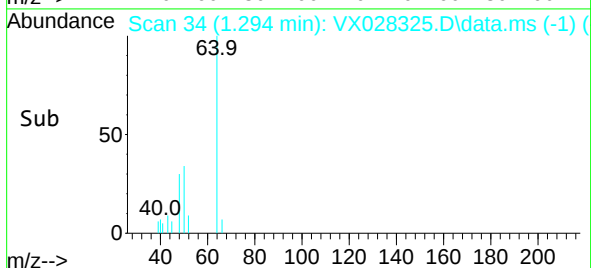
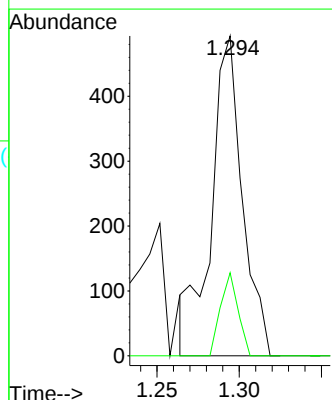
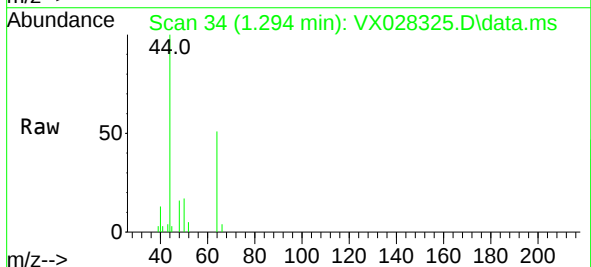
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 375105
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 26.0 26.4 39.6#

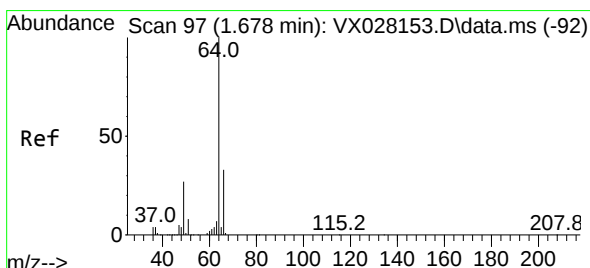
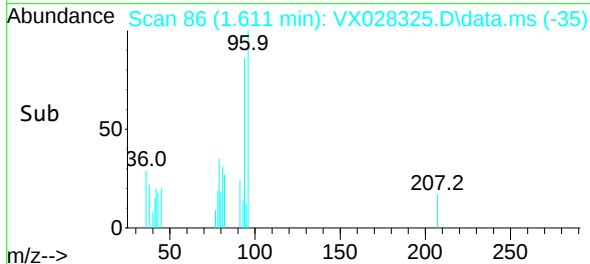
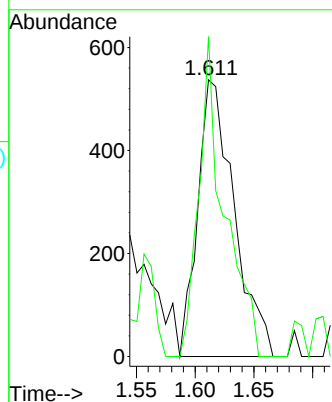
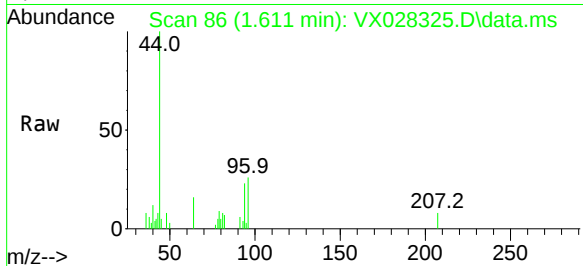




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

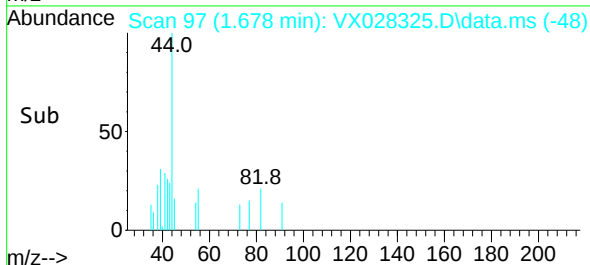
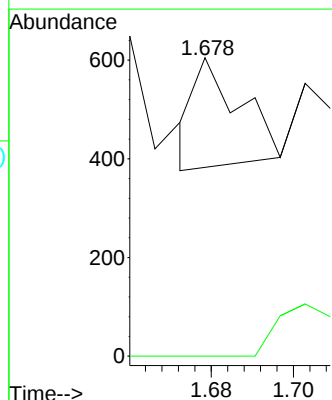
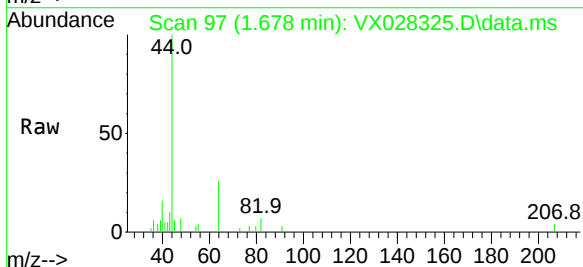
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

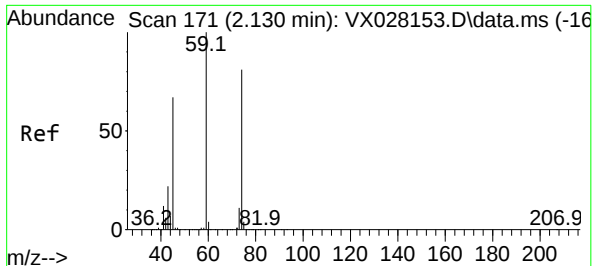
Tgt Ion: 94 Resp: 1157
Ion Ratio Lower Upper
94 100
96 115.6 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

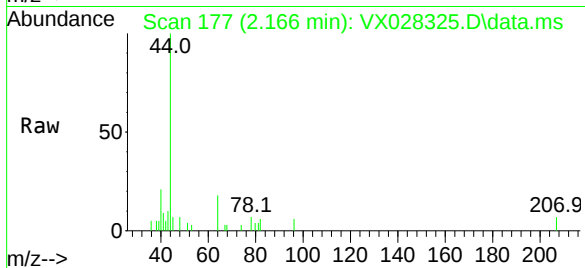
Tgt Ion: 64 Resp: 171
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



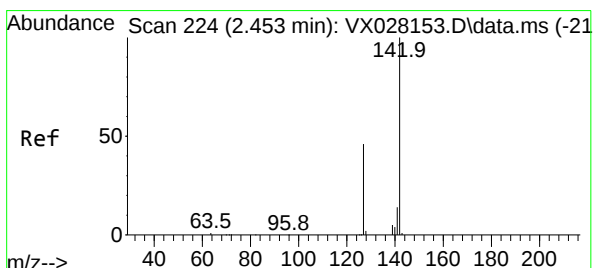
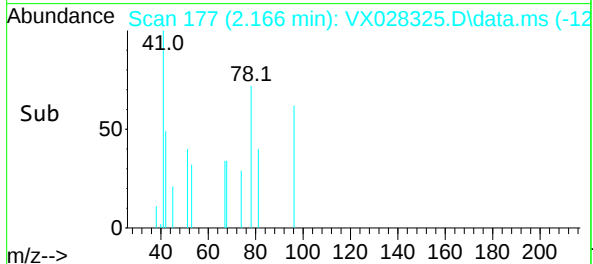
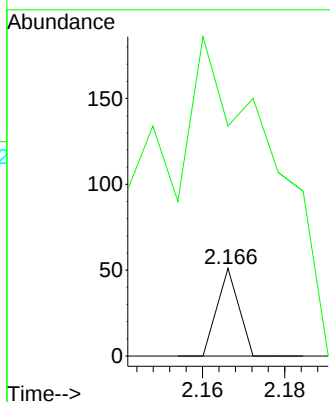


#8
Diethyl Ether
Concen: Below Cal
RT: 2.166 min Scan# 11
Delta R.T. 0.036 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

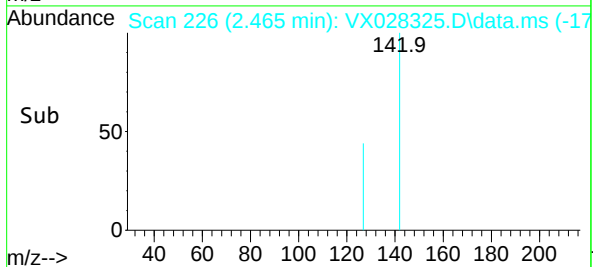
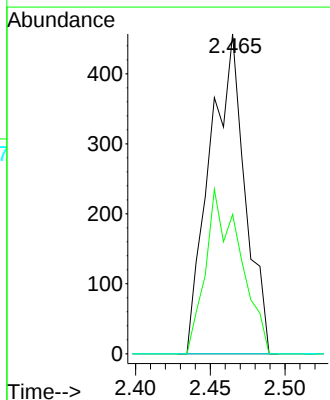
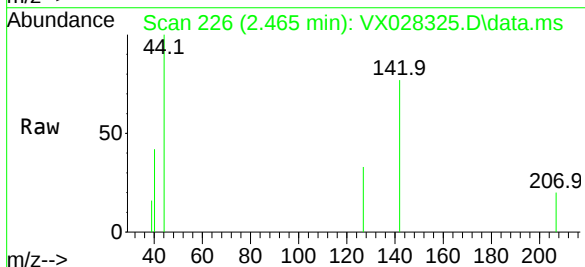


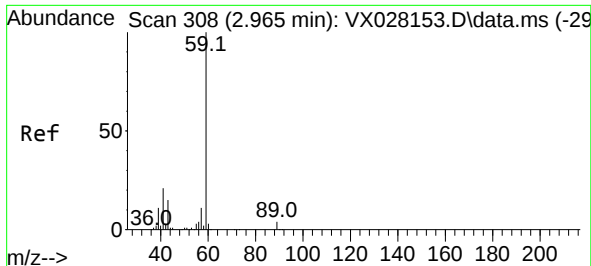
Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 1294.7 42.0 126.0#



#10
Methyl Iodide
Concen: 5.396 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 142 Resp: 748
Ion Ratio Lower Upper
142 100
127 50.5 33.9 50.9
141 0.0 11.4 17.2#

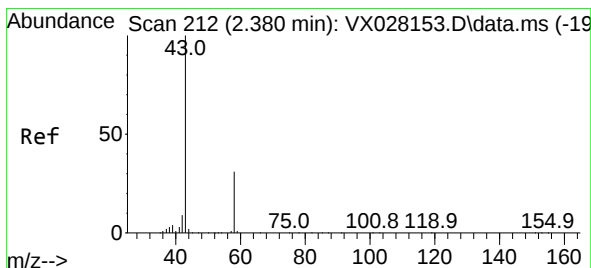
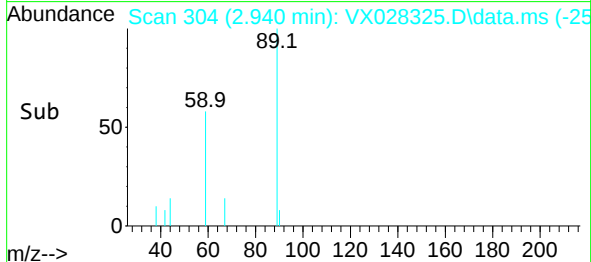
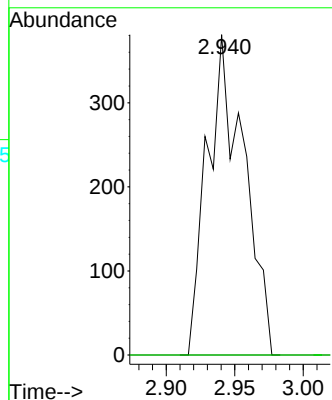
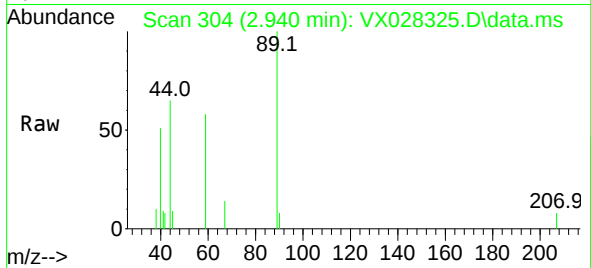




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

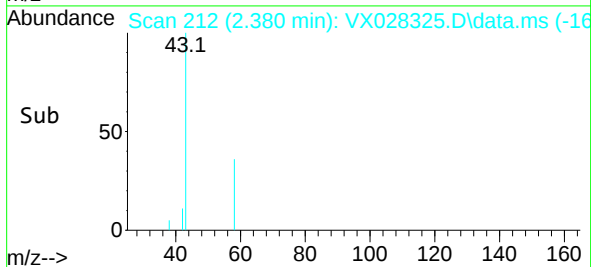
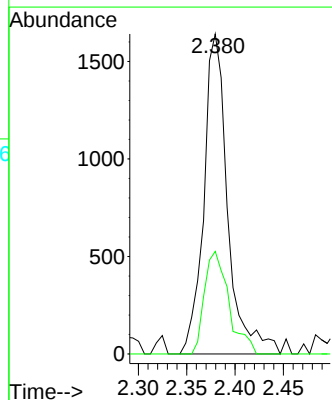
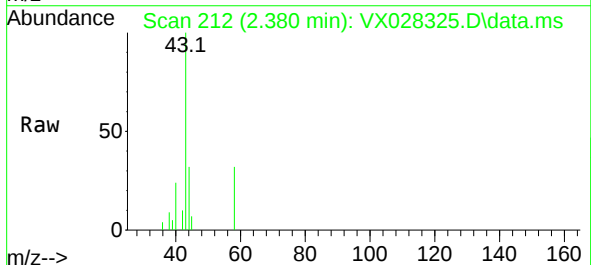
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

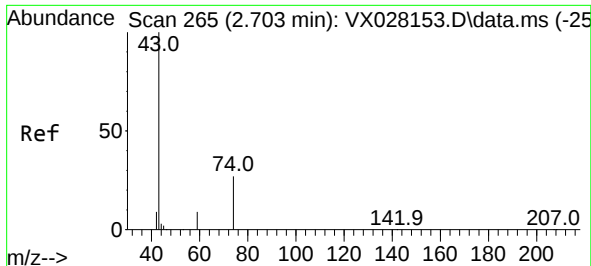
Tgt Ion: 59 Resp: 709
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.500 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2

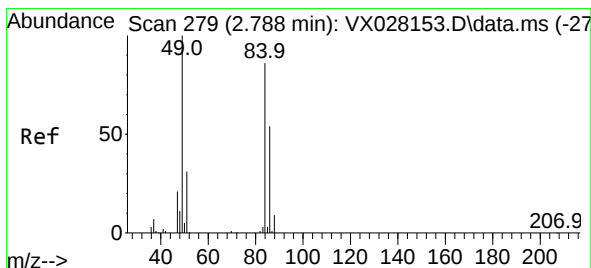
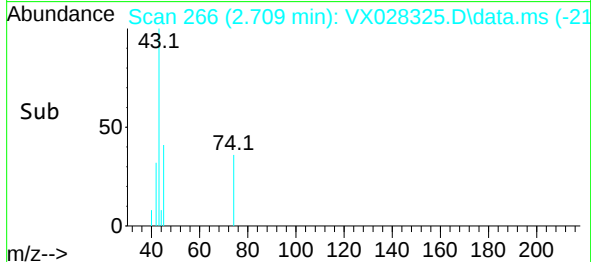
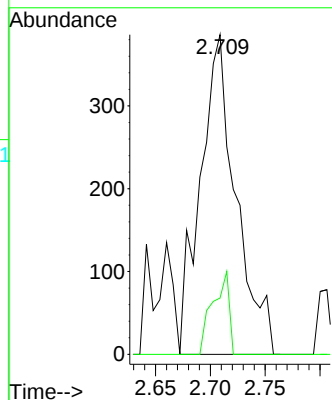
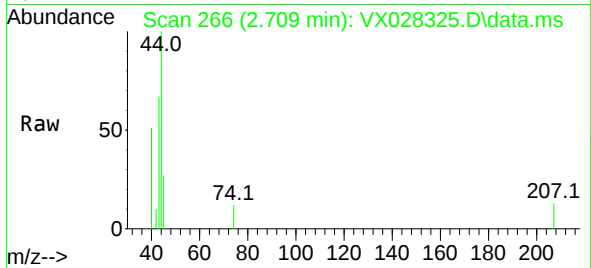




#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

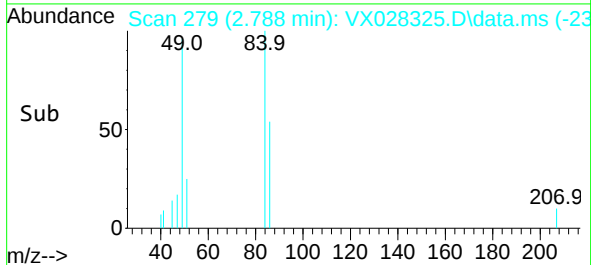
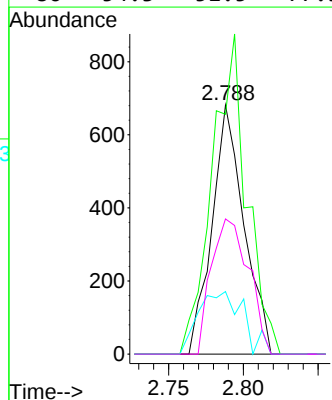
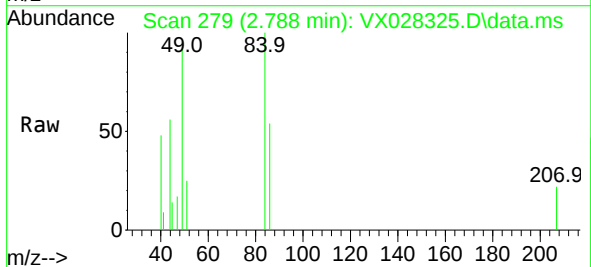
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

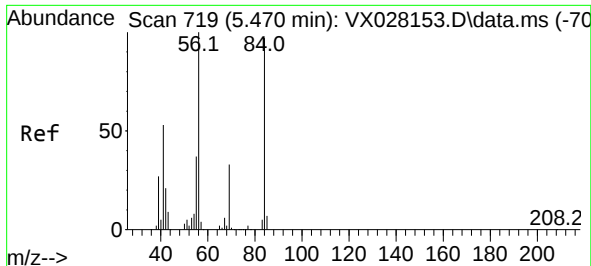
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
74 12.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 84 Resp: 1013
Ion Ratio Lower Upper
84 100
49 96.3 85.5 128.3
51 25.1 26.6 39.8#
86 54.3 51.5 77.3

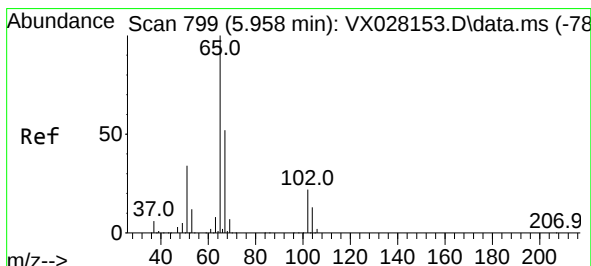
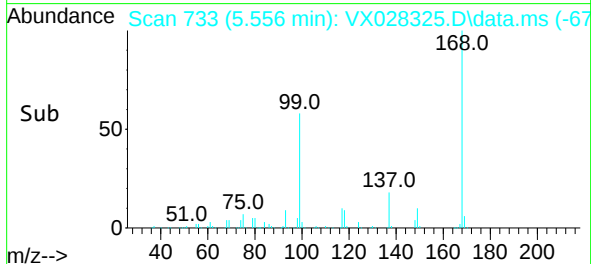
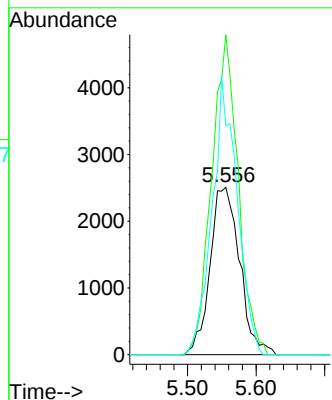
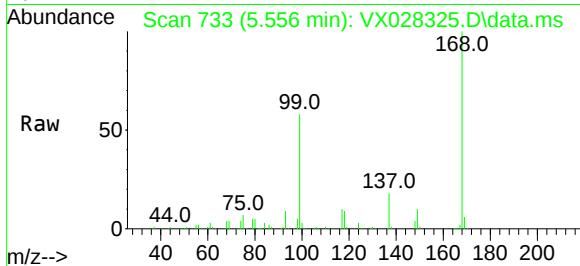




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

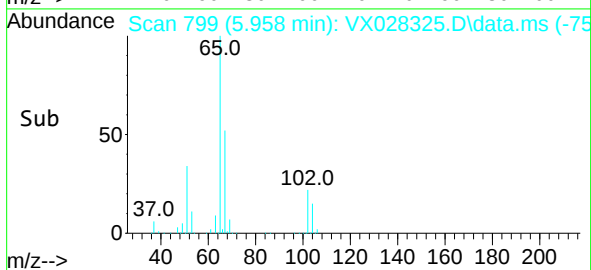
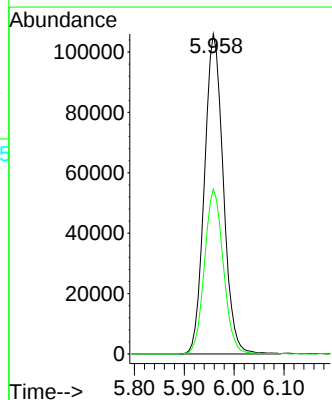
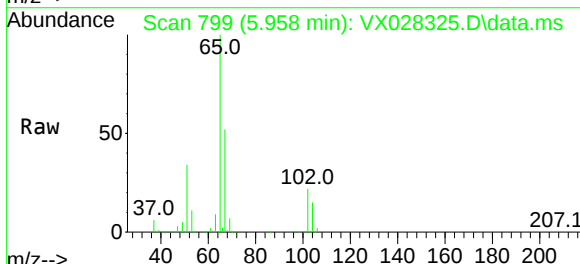
Instrument :
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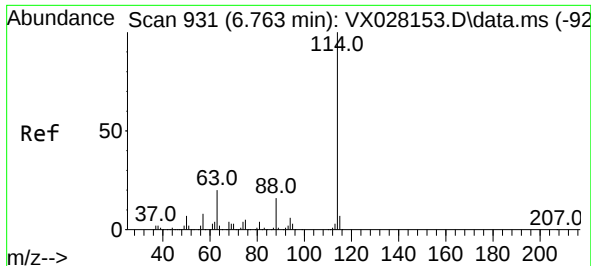
Tgt Ion: 56 Resp: 7517
Ion Ratio Lower Upper
56 100
69 191.2 26.7 40.1#
84 136.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.904 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 65 Resp: 278316
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

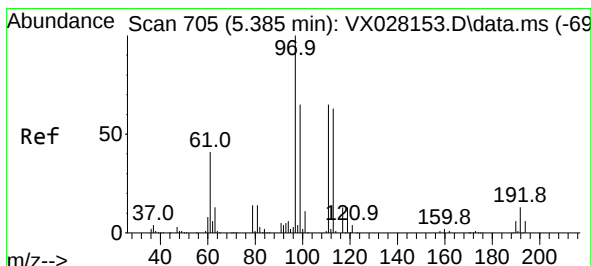
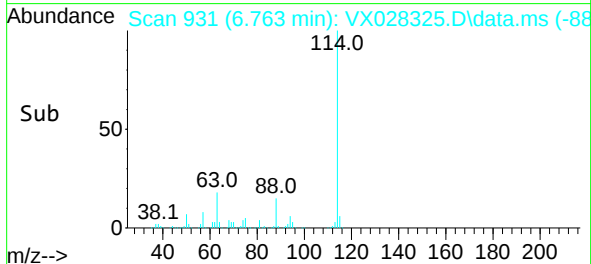
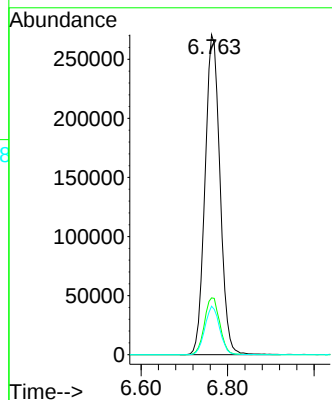
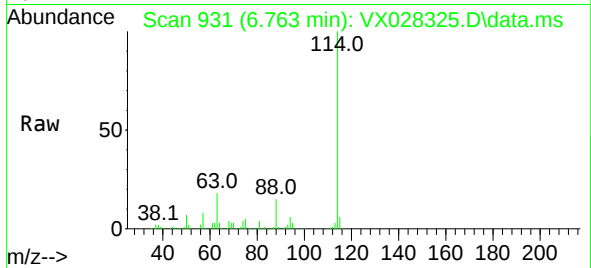




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

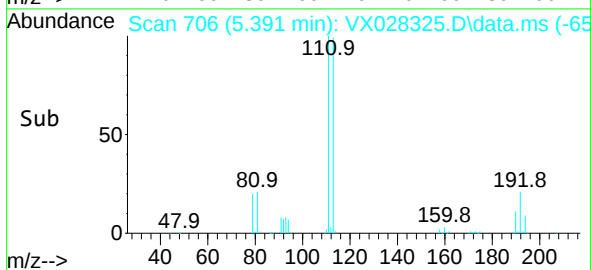
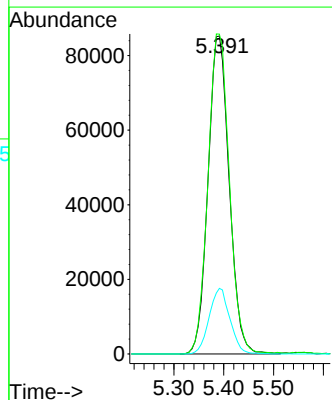
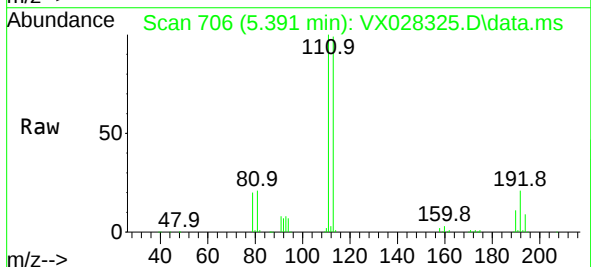
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

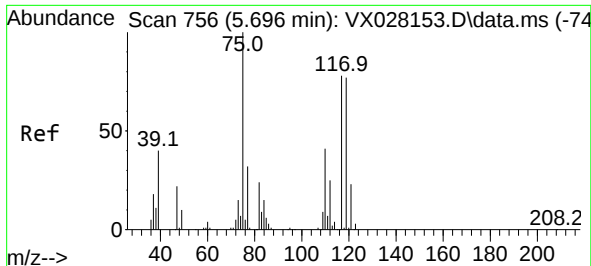
Tgt Ion:114 Resp: 650380
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 55.072 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion:113 Resp: 251189
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.2 16.9 25.3

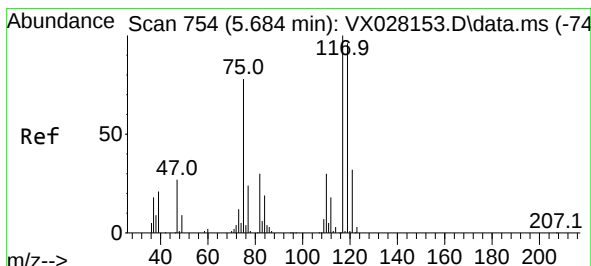
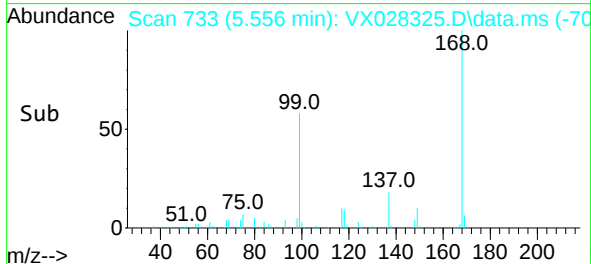
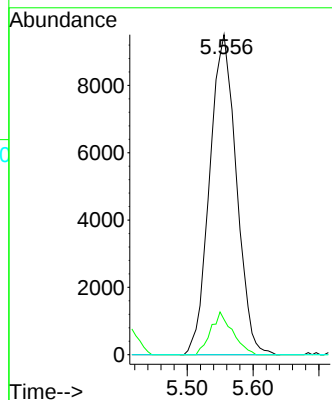
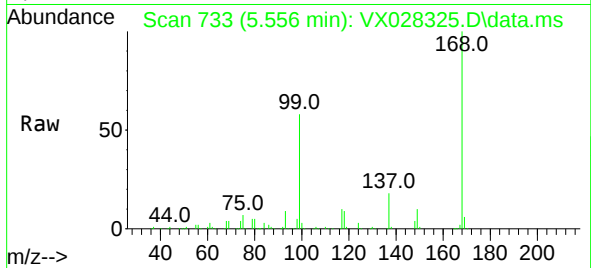




#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

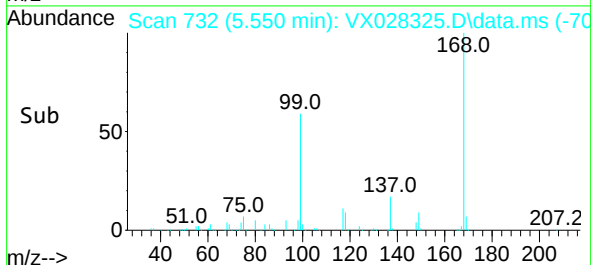
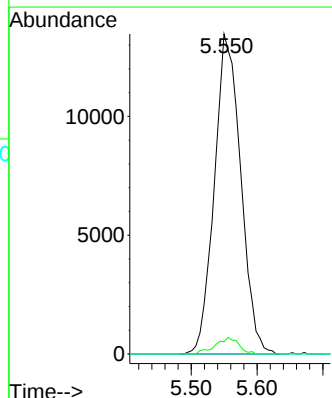
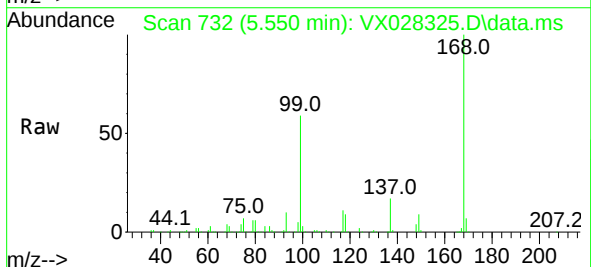
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

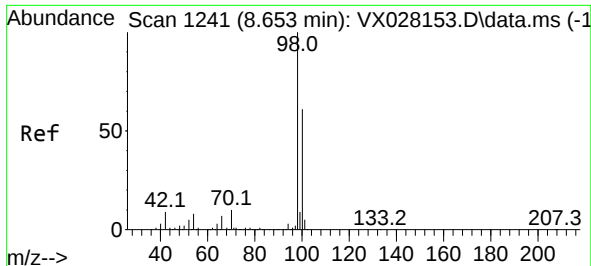
Tgt Ion: 75 Resp: 26920
Ion Ratio Lower Upper
75 100
110 10.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 117 Resp: 37551
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#

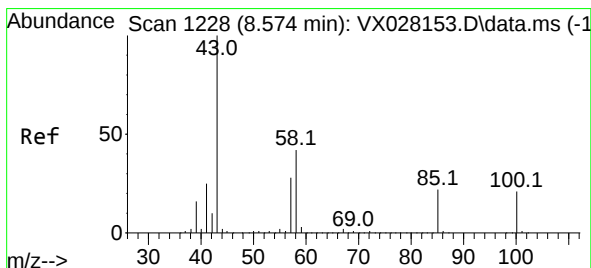
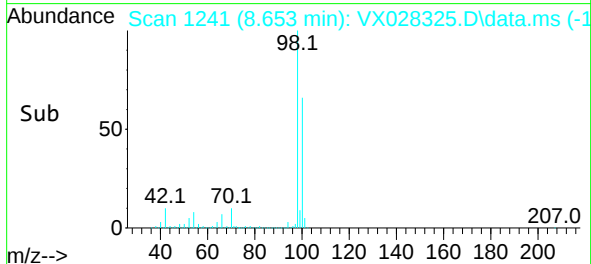
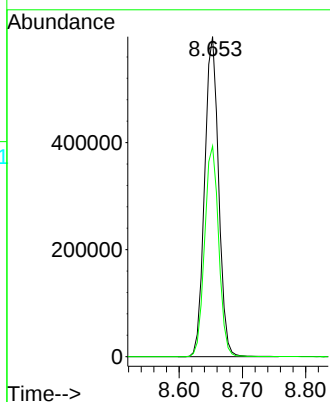
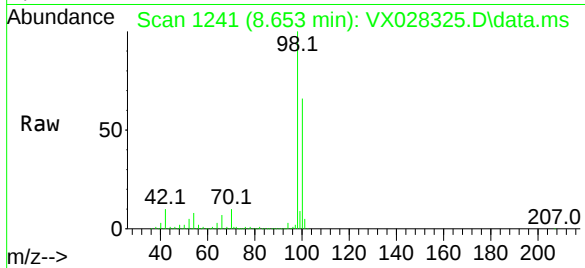




#50
Toluene-d8
Concen: 52.571 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

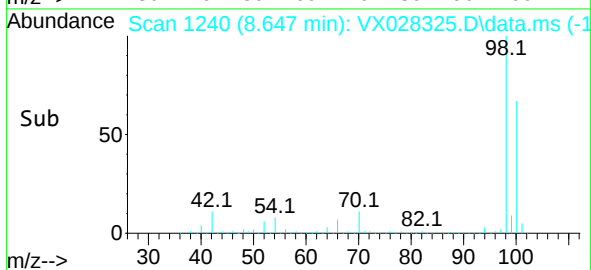
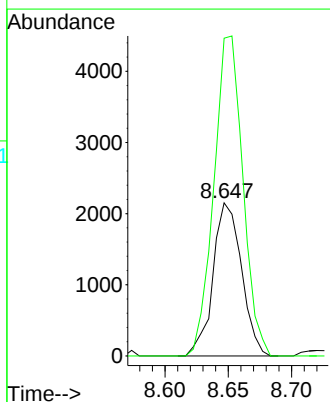
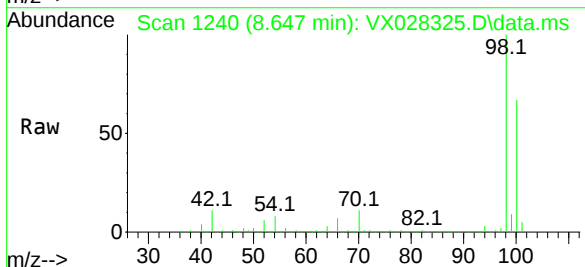
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

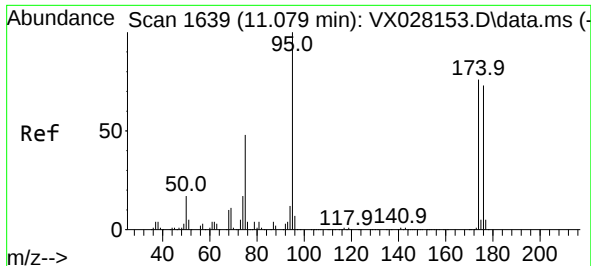
Tgt Ion: 98 Resp: 920941
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 43 Resp: 3374
Ion Ratio Lower Upper
43 100
58 212.6 36.1 54.1#

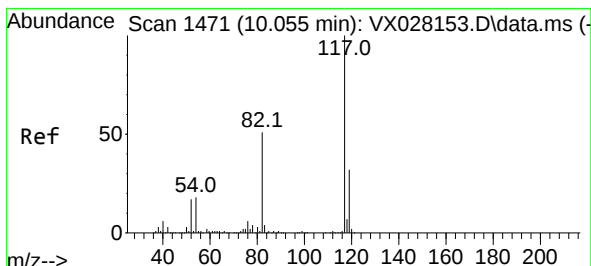
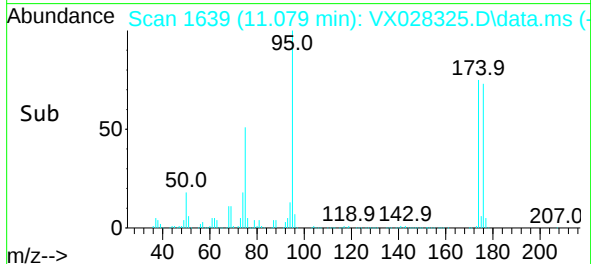
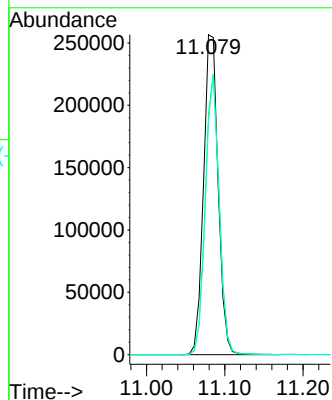
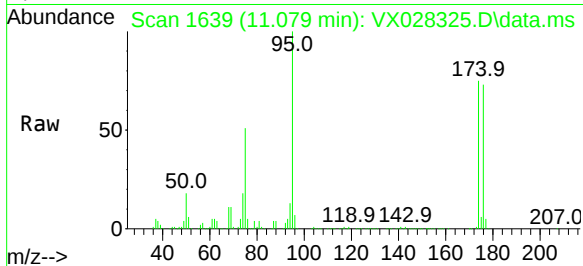




#62
4-Bromofluorobenzene
Concen: 49.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

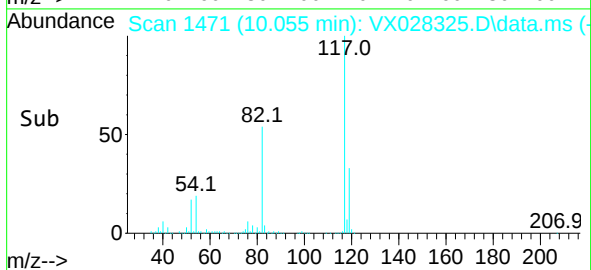
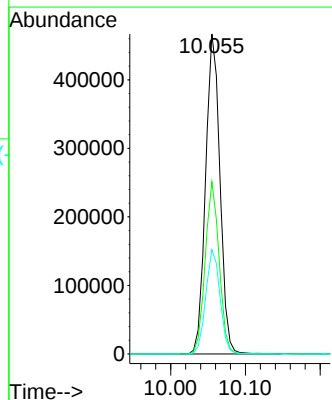
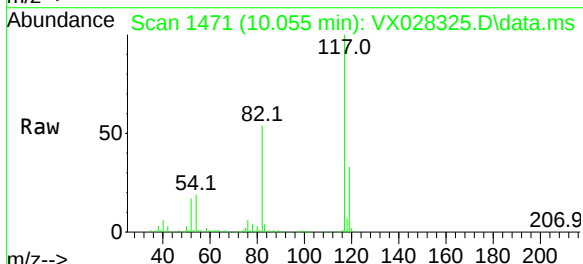
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

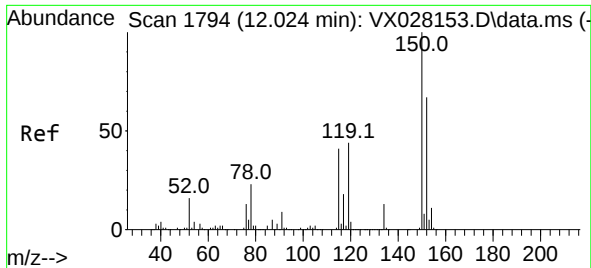
Tgt Ion: 95 Resp: 331515
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 82.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 117 Resp: 623126
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.6 24.8 37.2

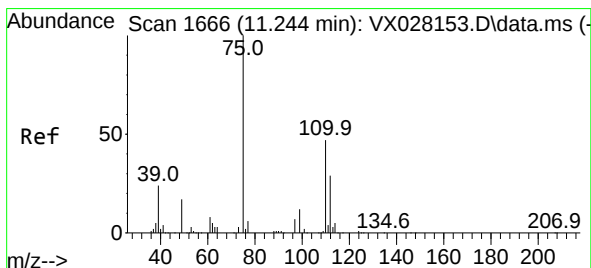
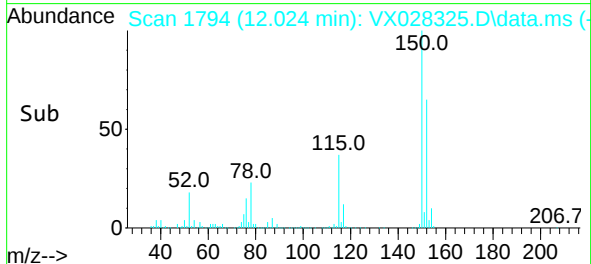
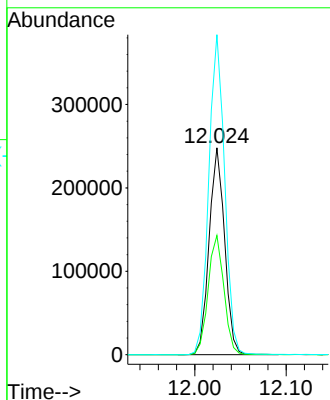
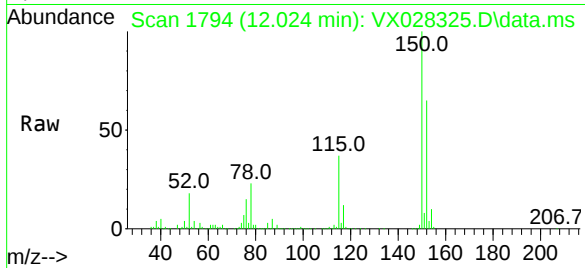




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028325.D
 Acq: 25 Apr 2022 14:37

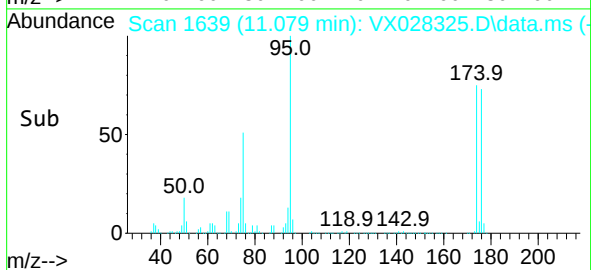
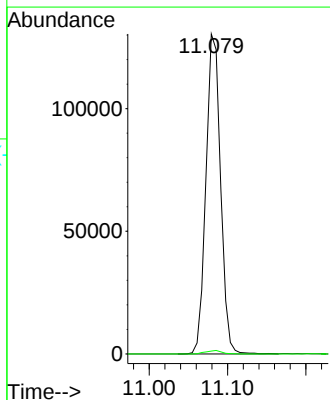
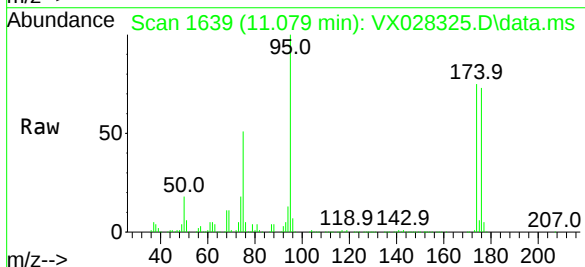
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

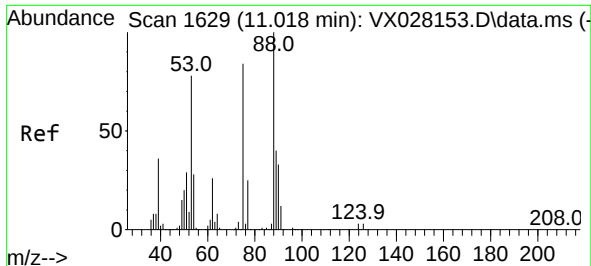
Tgt Ion:152 Resp: 291914
 Ion Ratio Lower Upper
 152 100
 115 58.7 37.5 112.7
 150 158.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.336 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028325.D
 Acq: 25 Apr 2022 14:37

Tgt Ion: 75 Resp: 168538
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

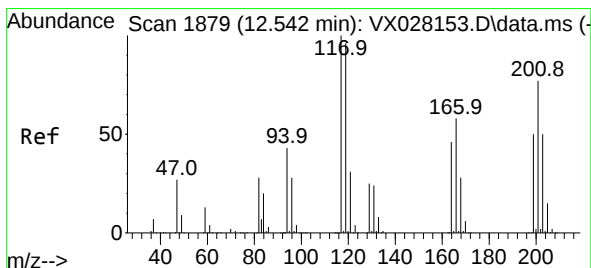
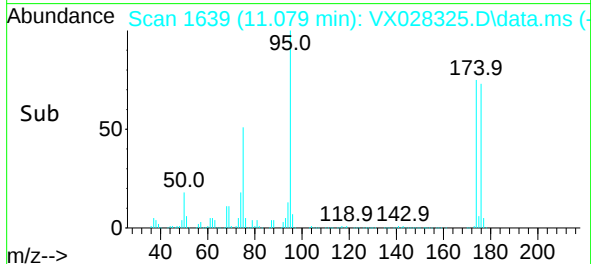
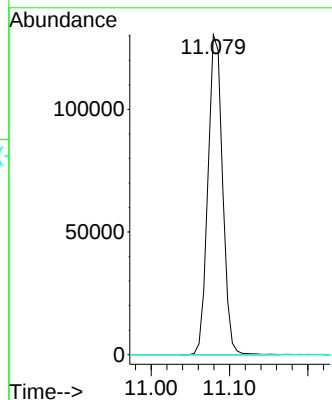
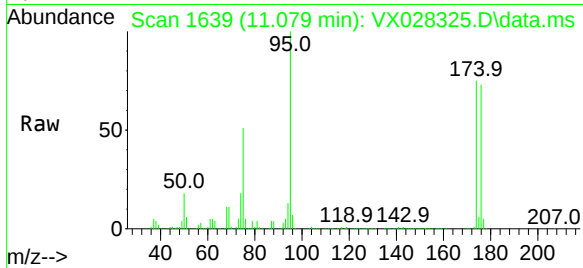




#81
trans-1,4-Dichloro-2-butene
Concen: 87.179 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 168538
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.822 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX028325.D
Acq: 25 Apr 2022 14:37

Tgt Ion: 117 Resp: 28
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

