

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028204.D
 Acq On : 20 Apr 2022 17:45
 Operator : JC/MD
 Sample : N2450-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Apr 21 06:15:06 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)

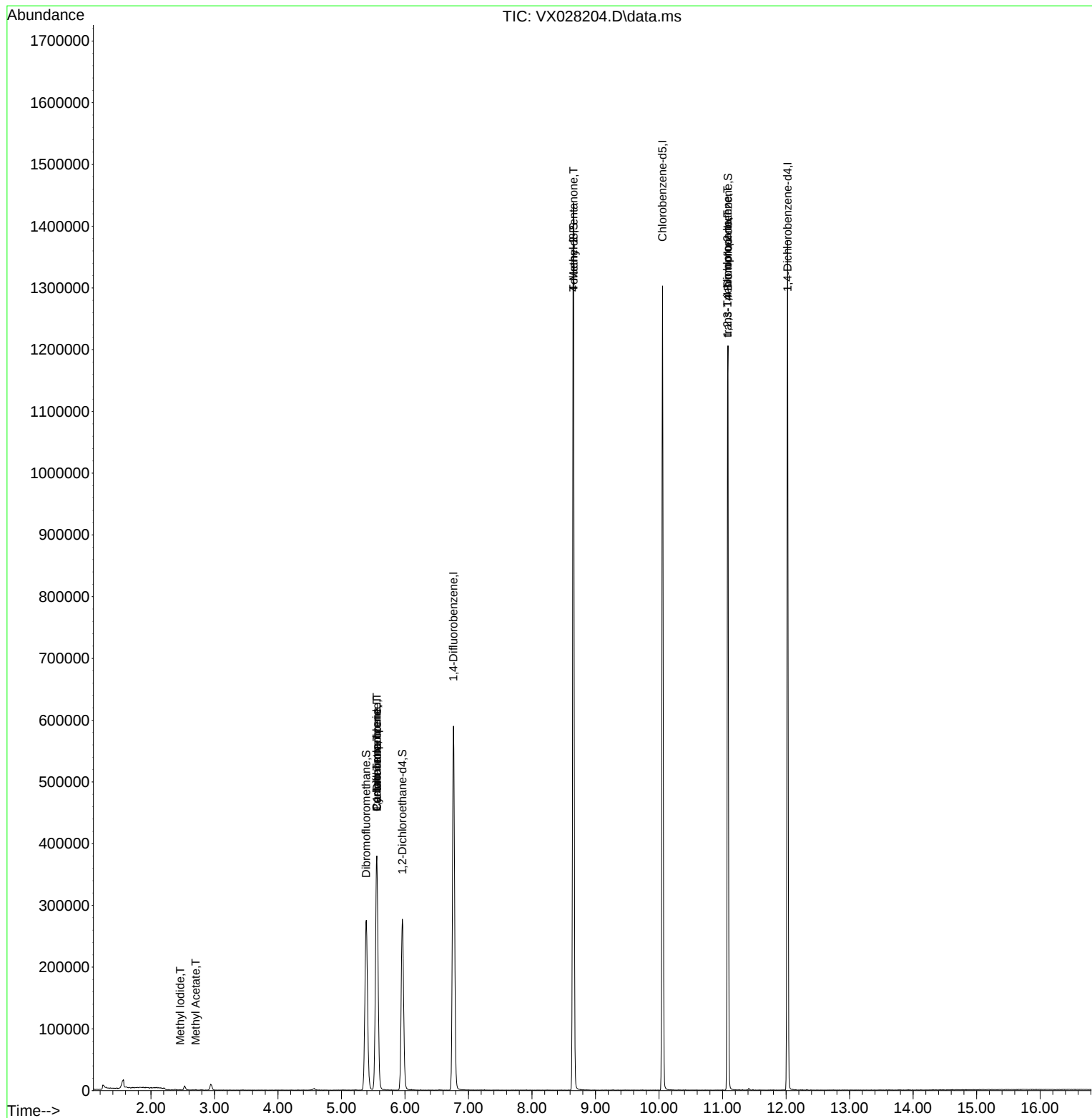
Internal Standards						
1) Pentafluorobenzene	5.556	168	367492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	636382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	605078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	263020	54.891	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.780%	
35) Dibromofluoromethane	5.385	113	239012	53.555	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.120%	
50) Toluene-d8	8.653	98	869204	50.709	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	11.085	95	318314	48.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	290	Below Cal	#	83
5) Bromomethane	1.618	94	881	Below Cal	#	68
6) Chloroethane	1.660	64	246	Below Cal	#	43
10) Methyl Iodide	2.459	142	433	5.330	ug/l #	89
11) Tert butyl alcohol	2.947	59	5487	Below Cal	#	72
16) Acetone	2.374	43	1010	Below Cal		91
18) Methyl Acetate	2.703	43	855	0.201	ug/l #	64
31) Cyclohexane	5.556	56	6930	1.187	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	27192	4.671	ug/l #	50
38) Carbon Tetrachloride	5.556	117	37653	5.730	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	3372	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	159067	29.323	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	159067	87.142	ug/l #	15

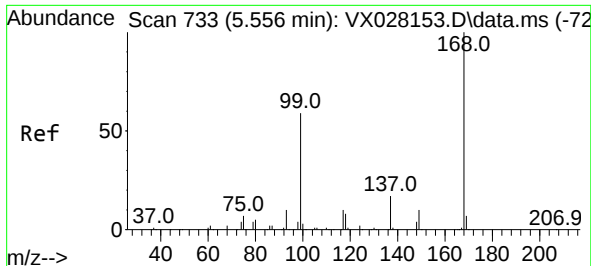
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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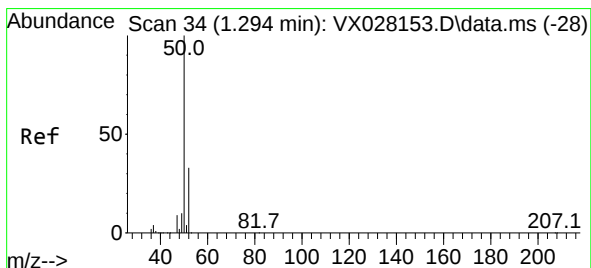
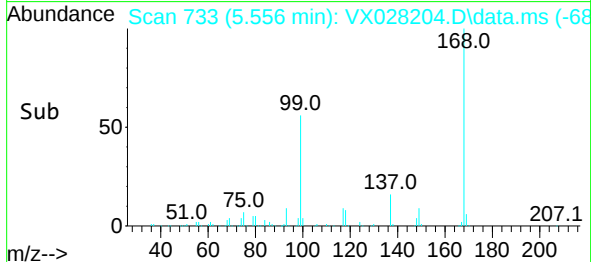
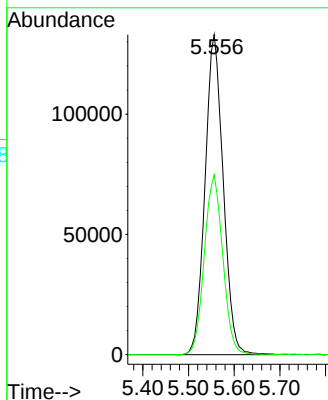
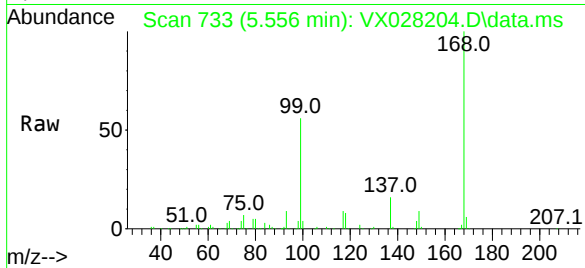




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

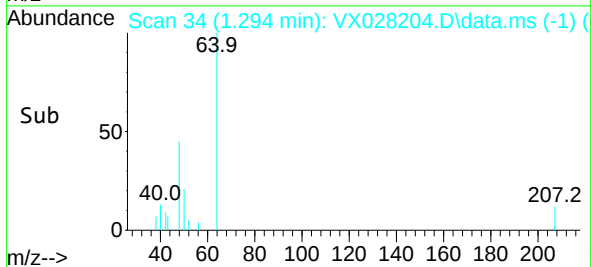
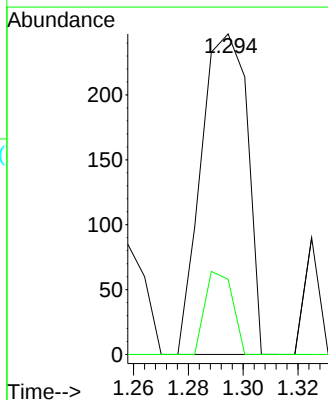
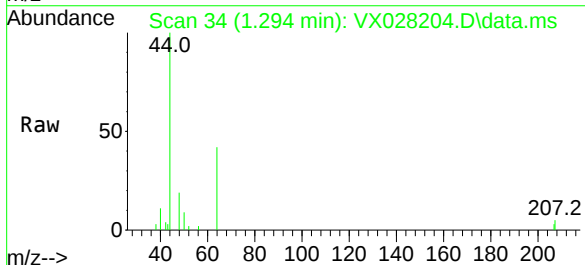
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

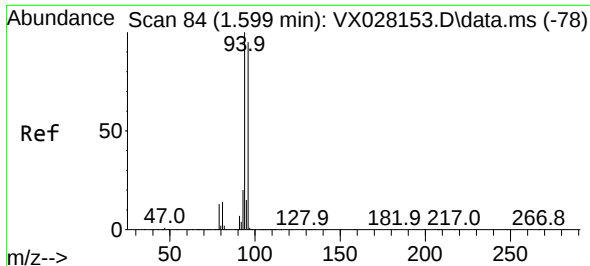
Tgt Ion:168 Resp: 367492
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 23.5 26.4 39.6#

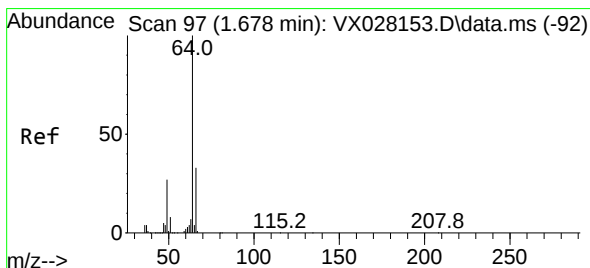
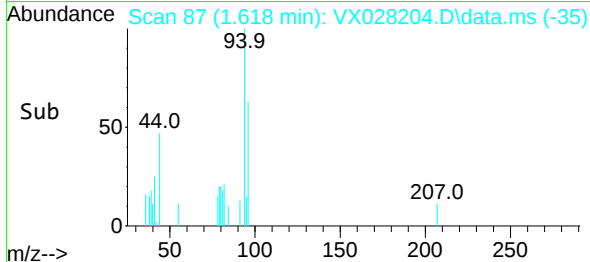
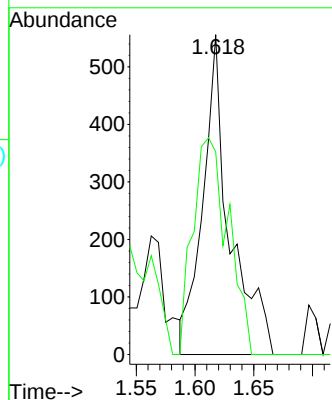
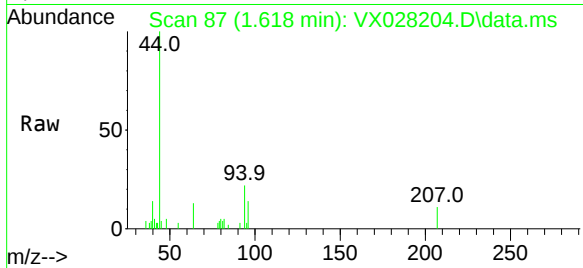




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

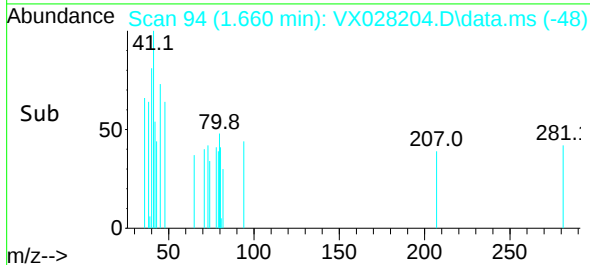
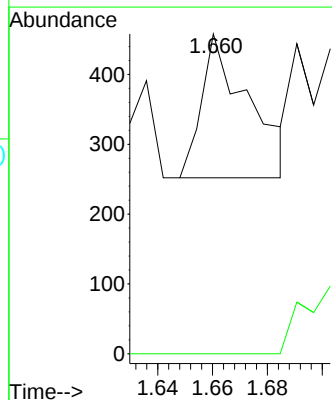
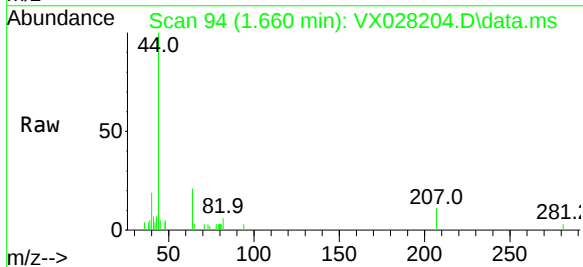
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

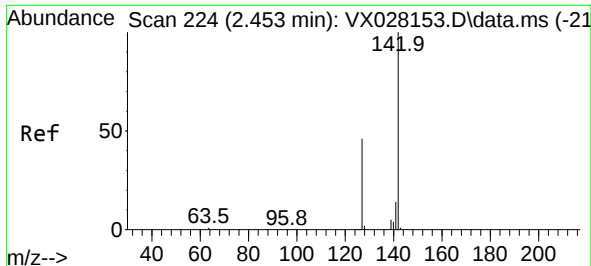
Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 63.3 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#10

Methyl Iodide

Concen: 5.330 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028204.D

Acq: 20 Apr 2022 17:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-REF-4

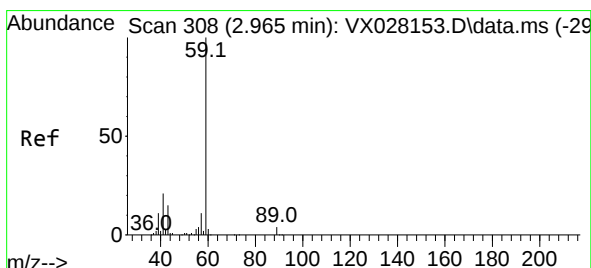
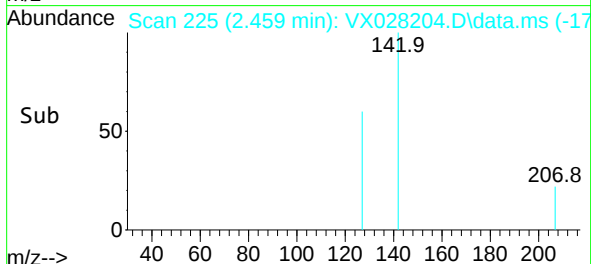
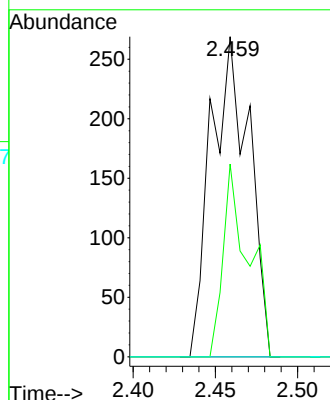
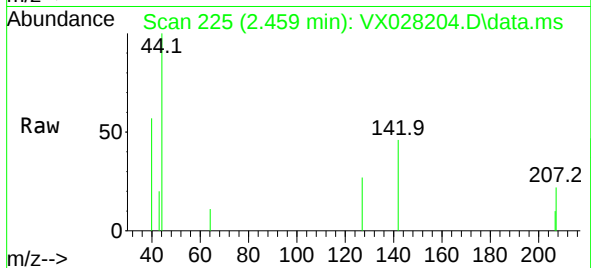
Tgt Ion:142 Resp: 433

Ion Ratio Lower Upper

142 100

127 40.2 33.9 50.9

141 0.0 11.4 17.2#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX028204.D

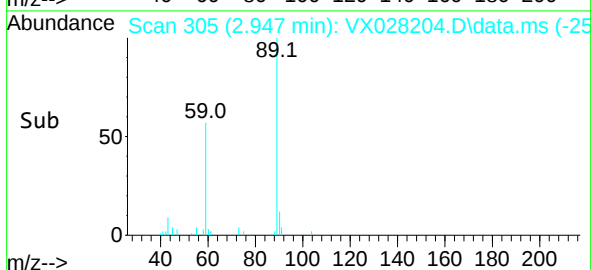
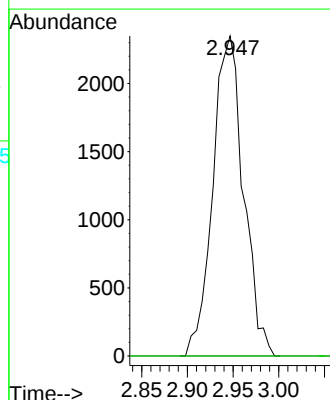
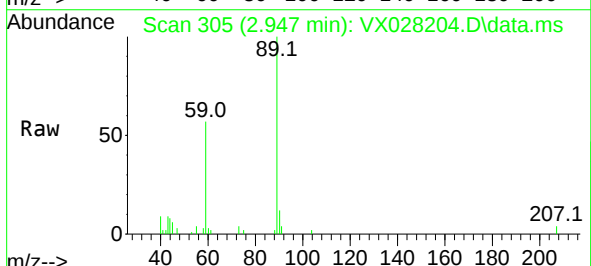
Acq: 20 Apr 2022 17:45

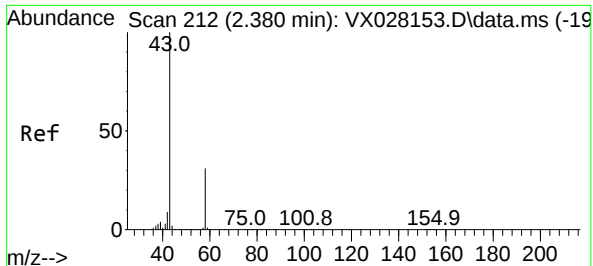
Tgt Ion: 59 Resp: 5487

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

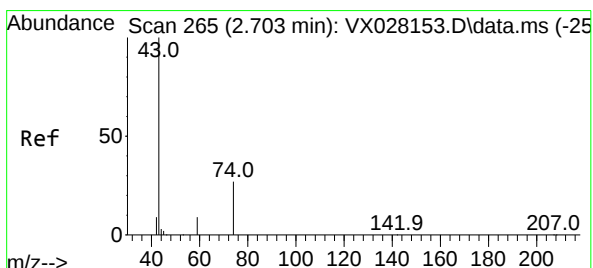
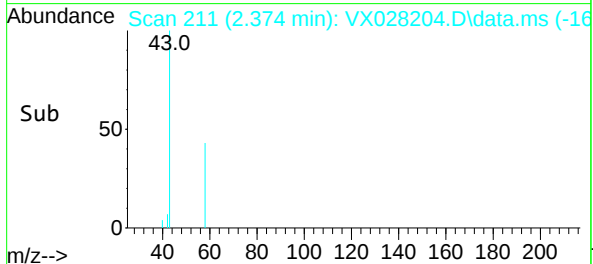
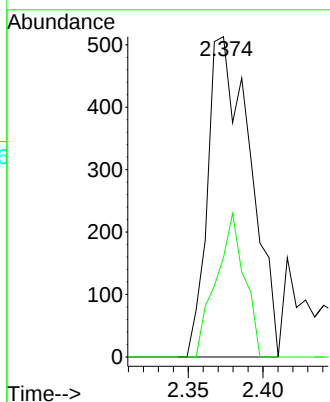
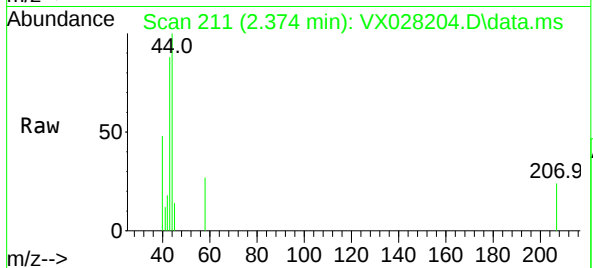




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

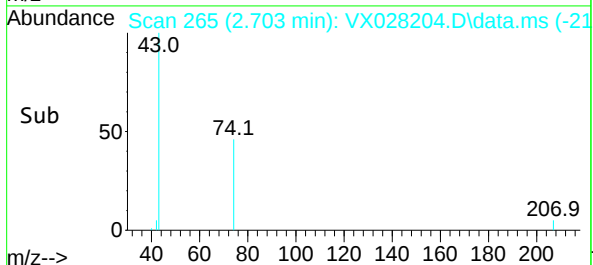
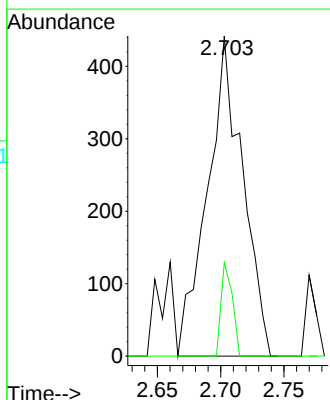
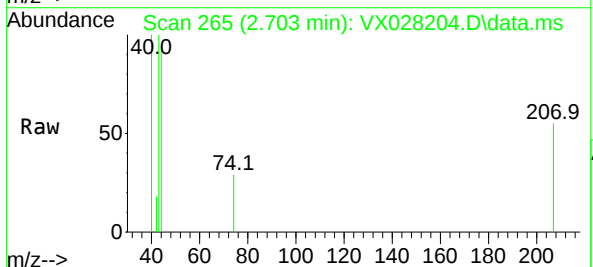
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

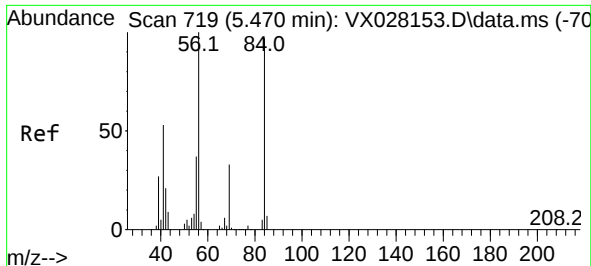
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
74 9.2 22.8 34.2#

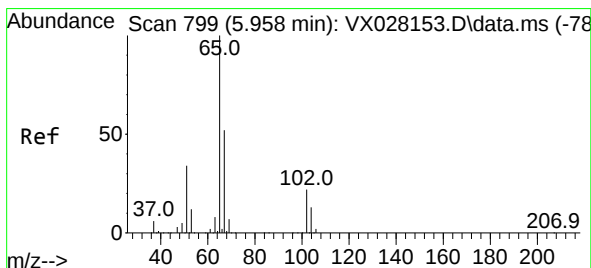
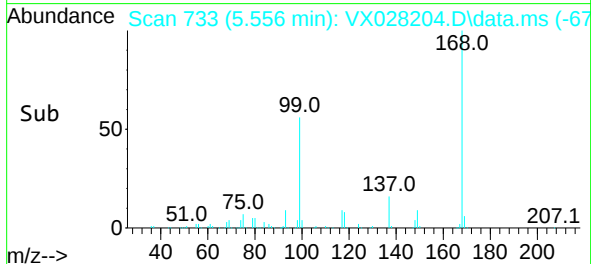
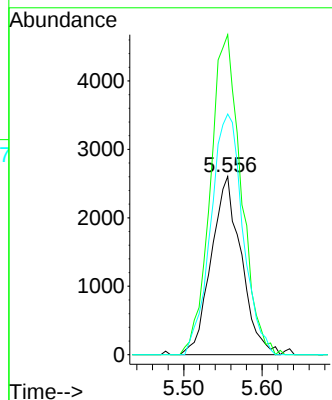
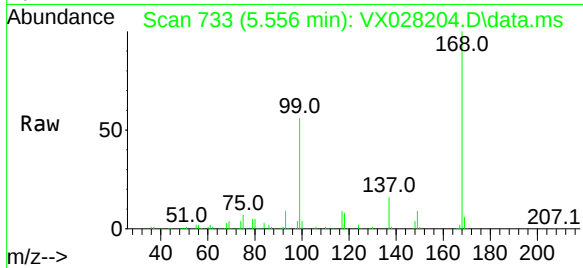




#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

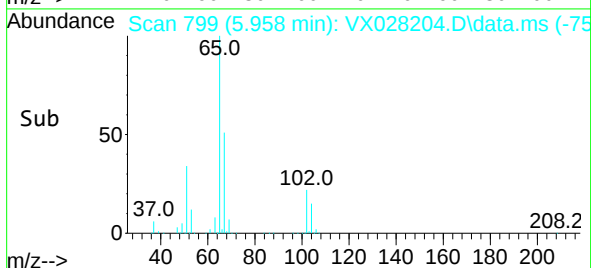
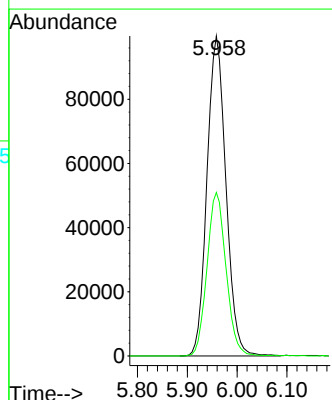
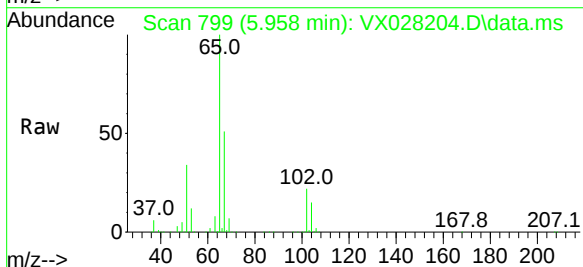
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

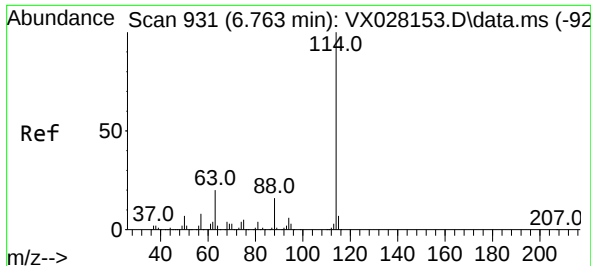
Tgt Ion: 56 Resp: 6930
Ion Ratio Lower Upper
56 100
69 179.6 26.7 40.1#
84 135.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.891 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 65 Resp: 263020
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

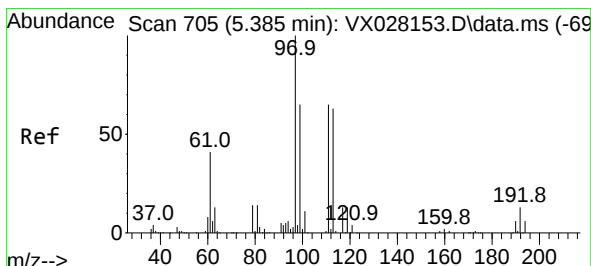
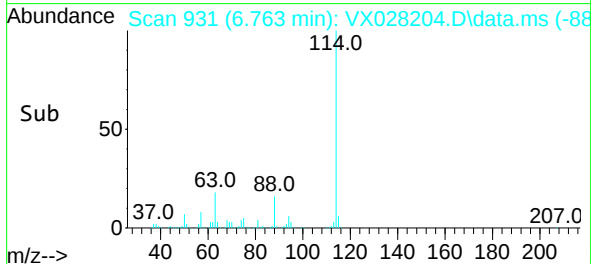
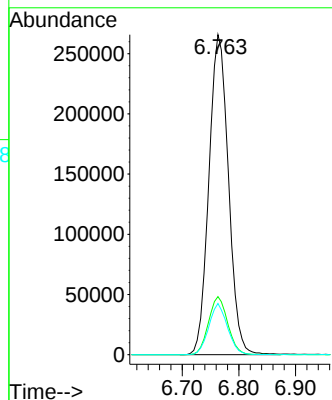
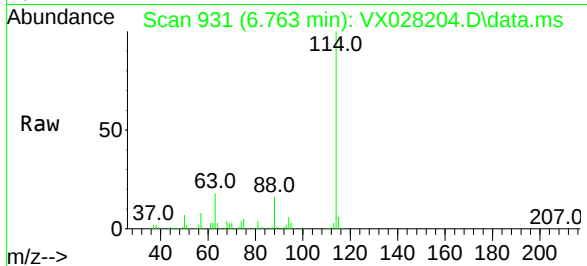




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

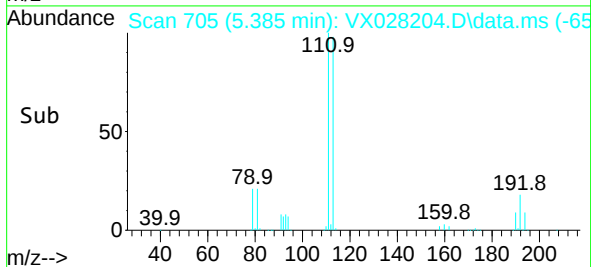
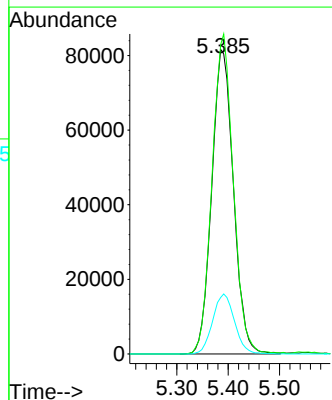
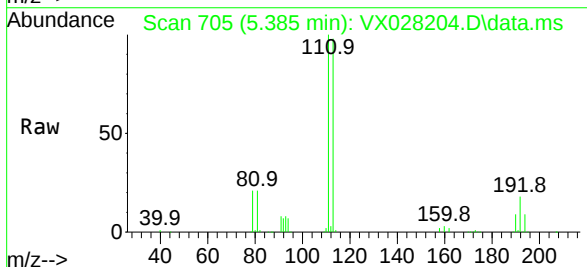
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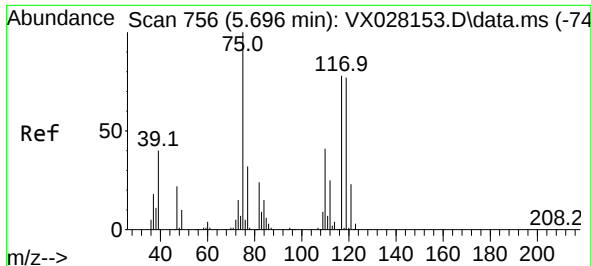
Tgt Ion:114 Resp: 636382
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.555 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion:113 Resp: 239012
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.8 16.9 25.3

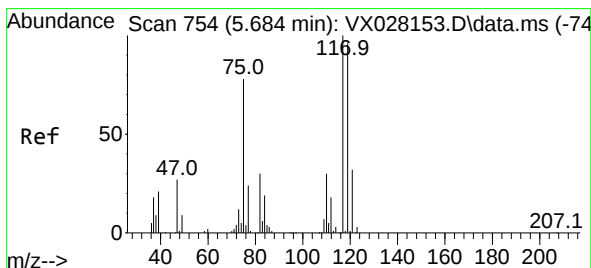
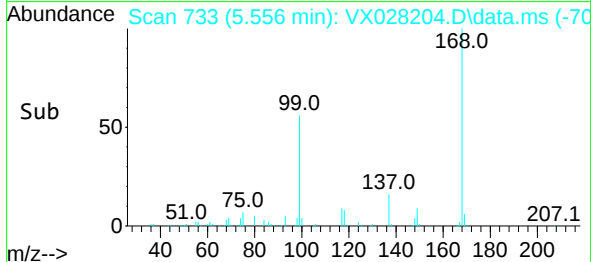
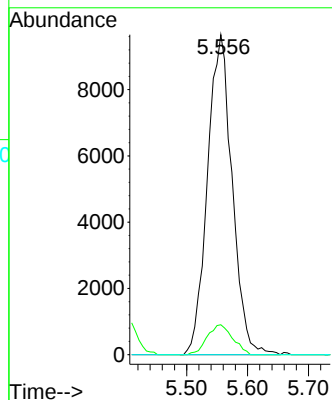
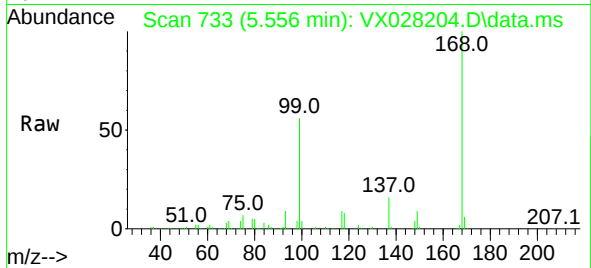




#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

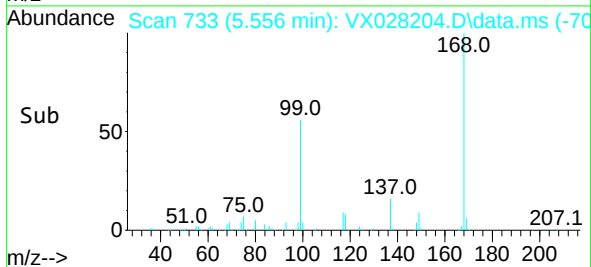
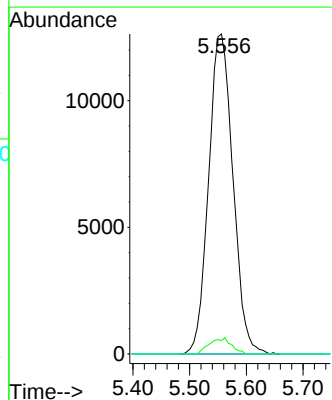
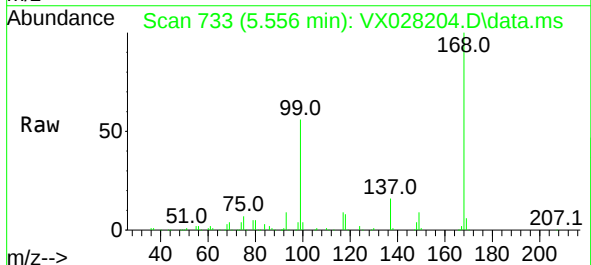
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

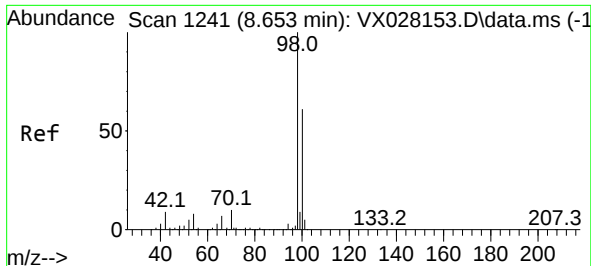
Tgt Ion: 75 Resp: 27192
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.730 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 117 Resp: 37653
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

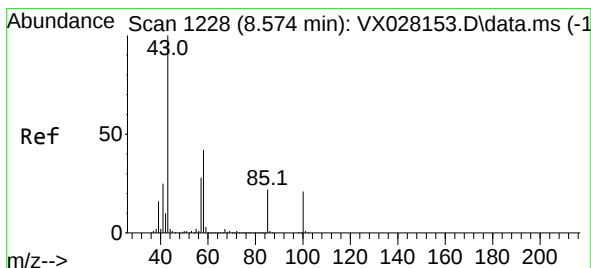
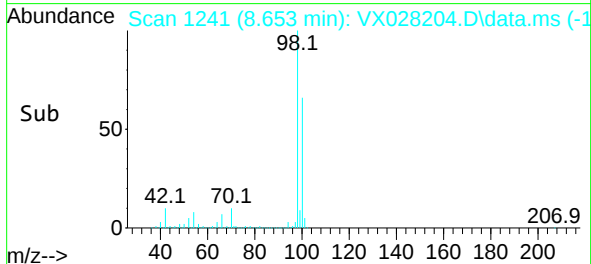
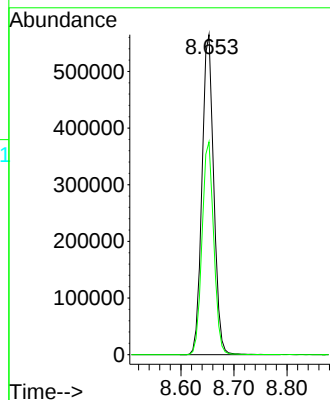
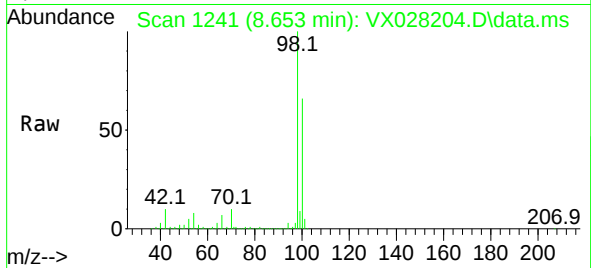




#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

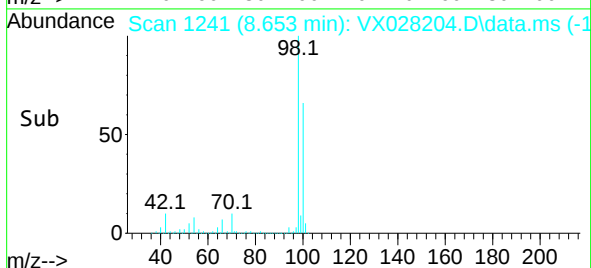
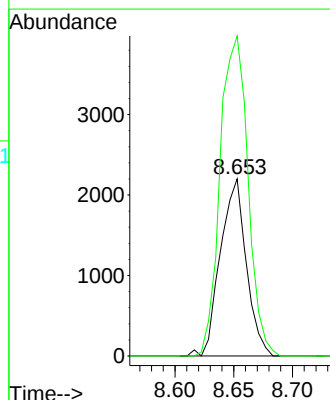
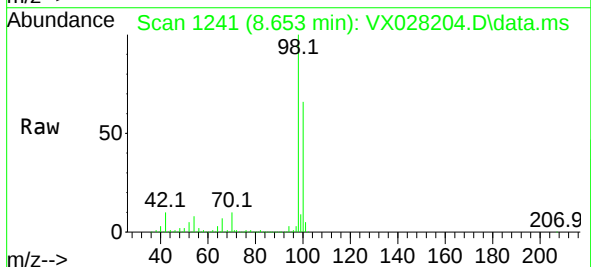
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

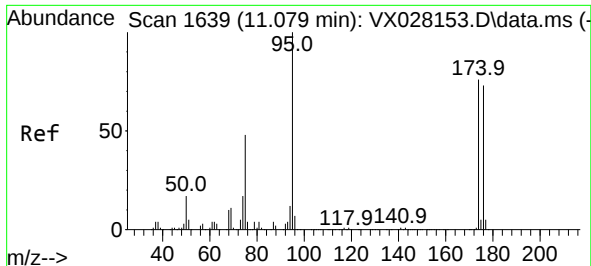
Tgt Ion: 98 Resp: 869204
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
58 194.5 36.1 54.1#

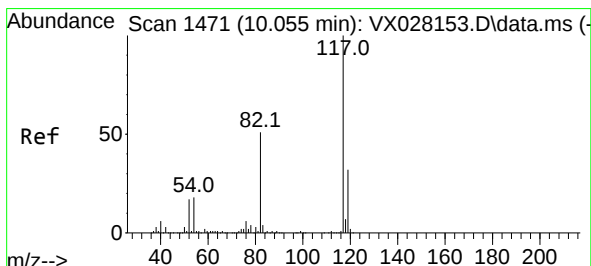
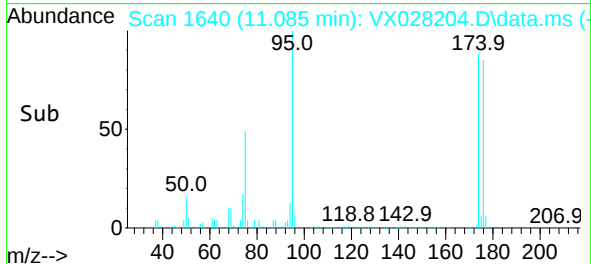
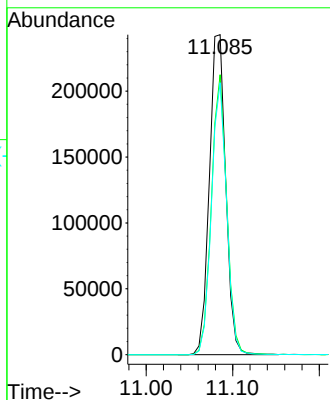
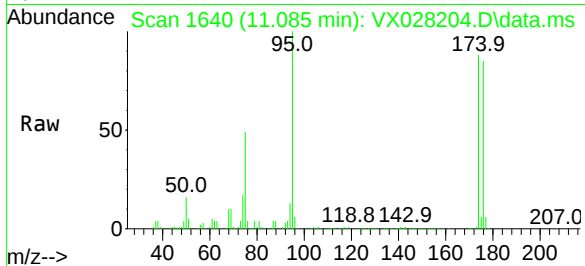




#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

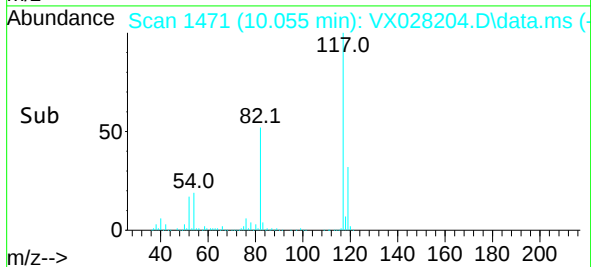
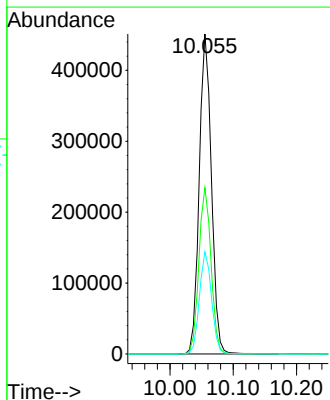
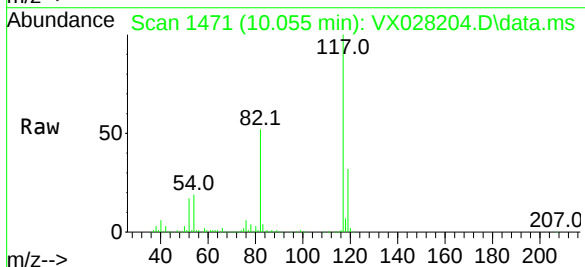
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

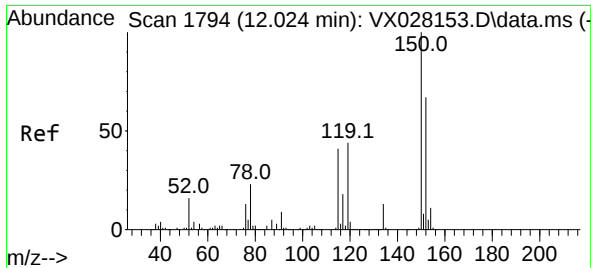
Tgt Ion: 95 Resp: 318314
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 79.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

Tgt Ion: 117 Resp: 605078
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.9 24.8 37.2

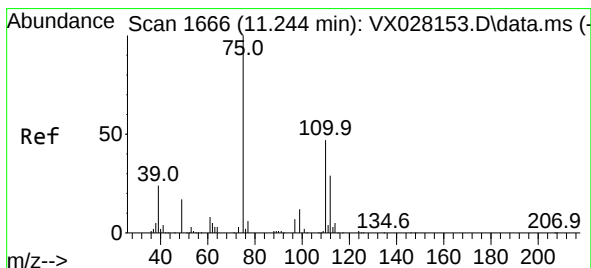
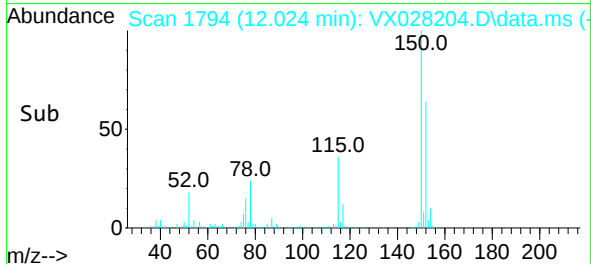
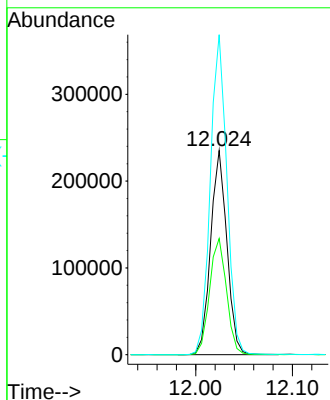
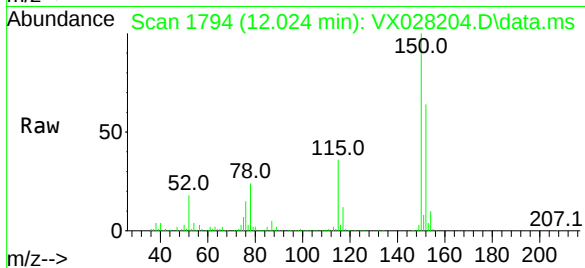




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

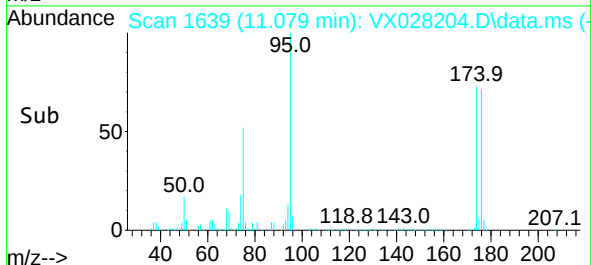
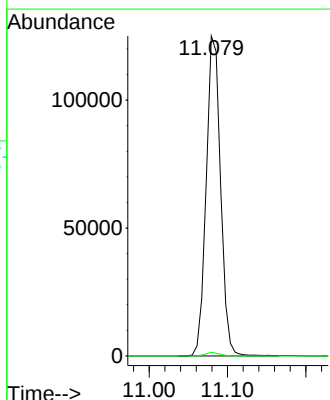
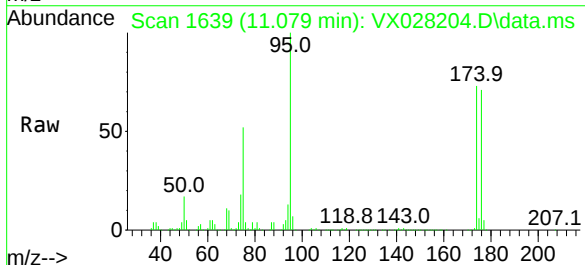
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

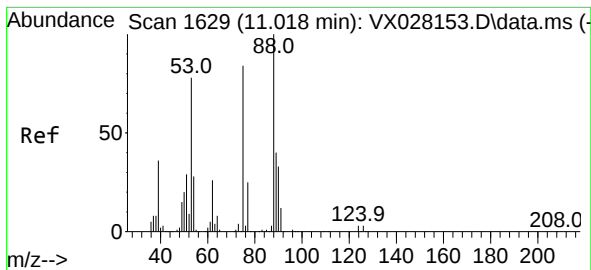
Tgt Ion:152 Resp: 275629
Ion Ratio Lower Upper
152 100
115 59.2 37.5 112.7
150 159.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 29.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028204.D
Acq: 20 Apr 2022 17:45

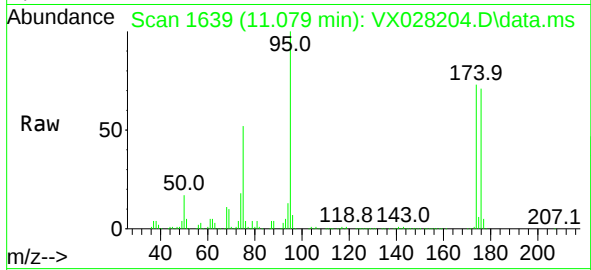
Tgt Ion: 75 Resp: 159067
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.142 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028204.D
 Acq: 20 Apr 2022 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4



Tgt Ion: 75 Resp: 159067
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

