

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028205.D
 Acq On : 20 Apr 2022 18:08
 Operator : JC/MD
 Sample : N2450-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 21 06:15:19 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)

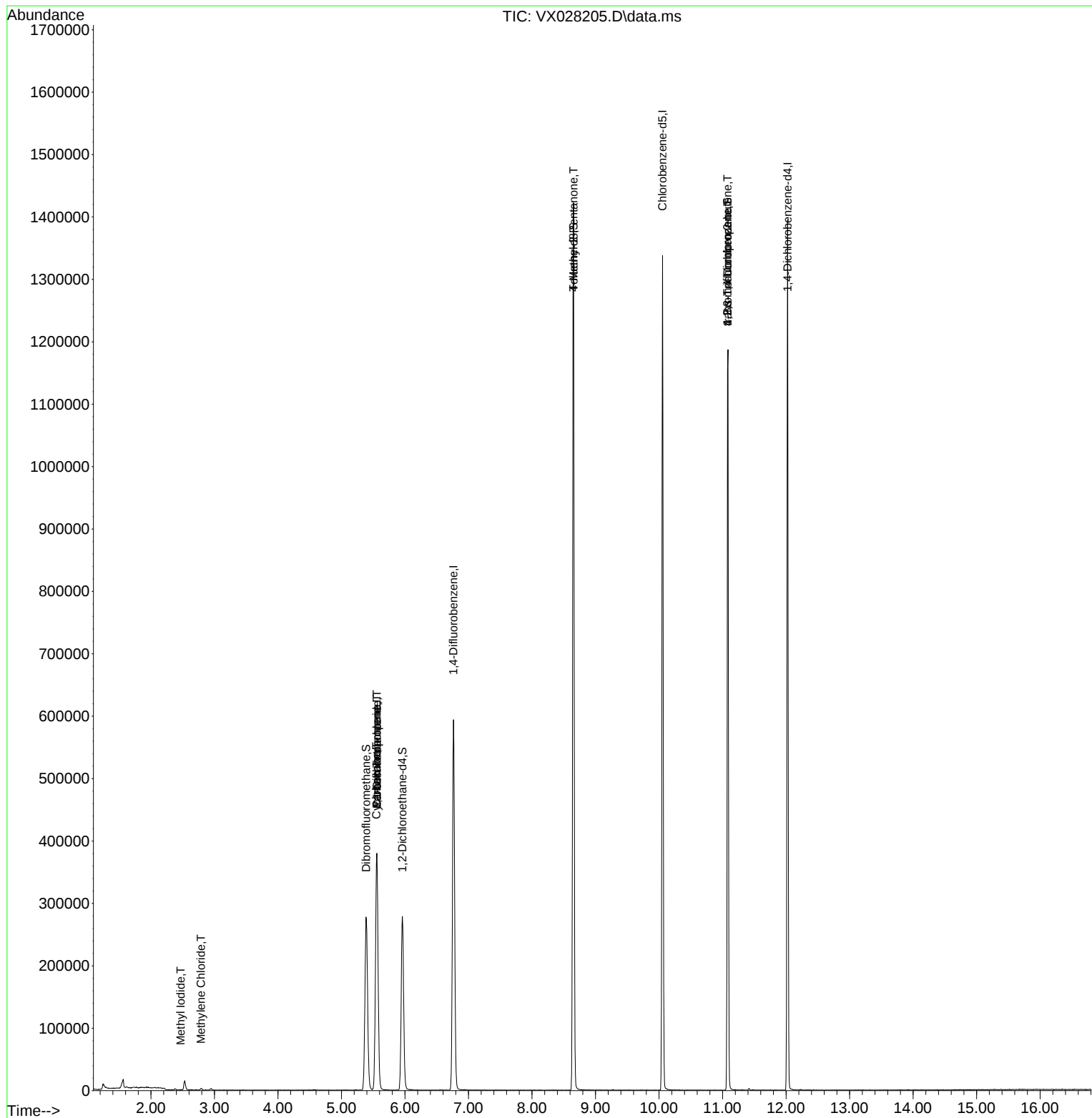
Internal Standards						
1) Pentafluorobenzene	5.556	168	368089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	631486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	608742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	286116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	267738	55.785	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.580%			
35) Dibromofluoromethane	5.385	113	241015	54.423	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.840%			
50) Toluene-d8	8.653	98	879430	51.703	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	321911	49.497	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.000%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	527	Below Cal		89
5) Bromomethane	1.617	94	822	Below Cal		84
6) Chloroethane	1.685	64	266	Below Cal	#	73
10) Methyl Iodide	2.465	142	435	5.330 ug/l	#	80
11) Tert butyl alcohol	2.947	59	1294	Below Cal	#	72
20) Methylene Chloride	2.788	84	1422	0.399 ug/l		88
31) Cyclohexane	5.550	56	6806	1.164 ug/l	#	2
36) 1,1-Dichloropropene	5.556	75	27125	4.696 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	35466	5.439 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.653	43	3438	0.562 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	161486	28.678 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	161486	85.224 ug/l	#	15

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

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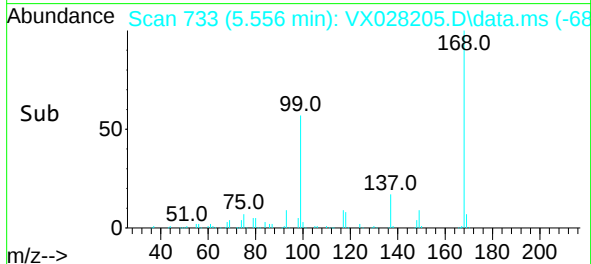
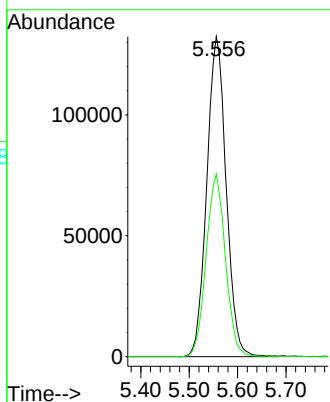
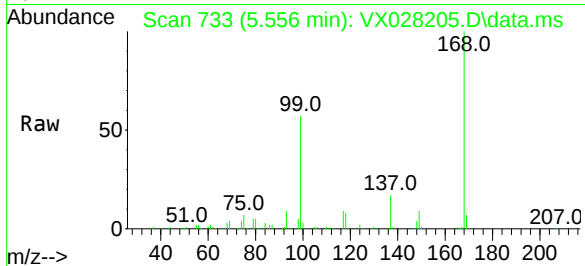




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

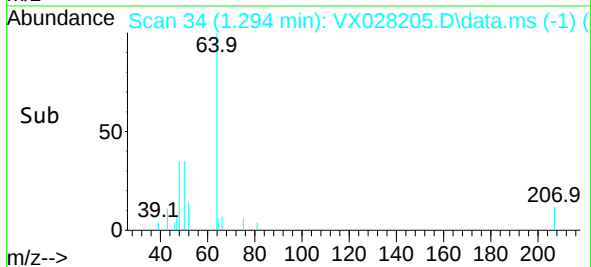
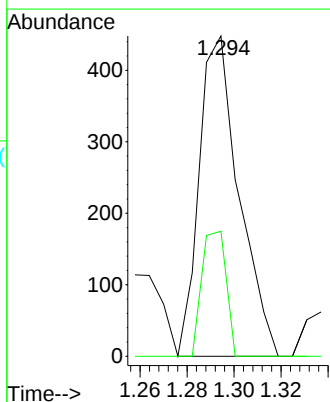
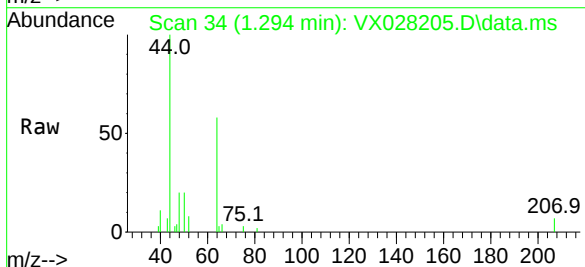
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 368089
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 39.1 26.4 39.6

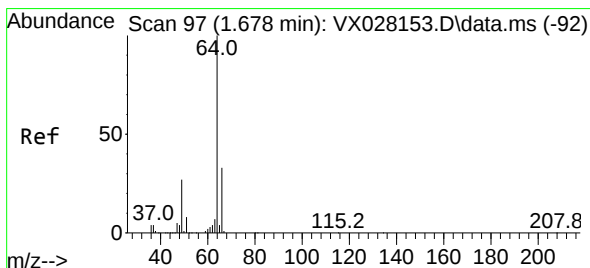
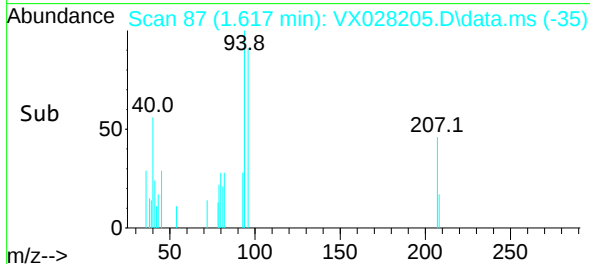
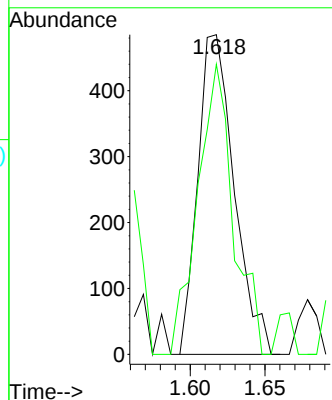
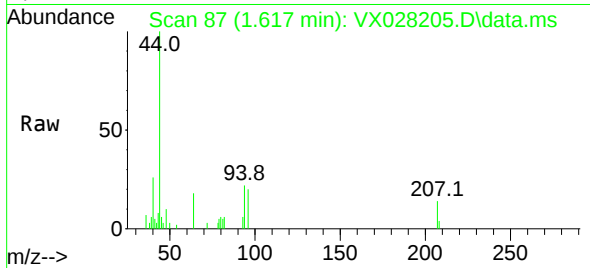




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

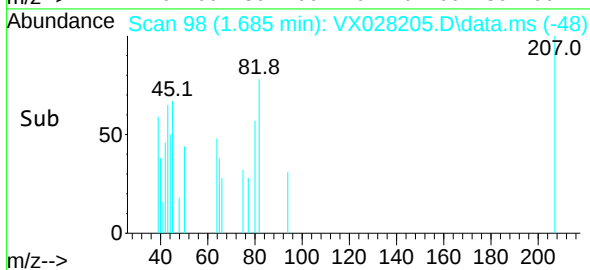
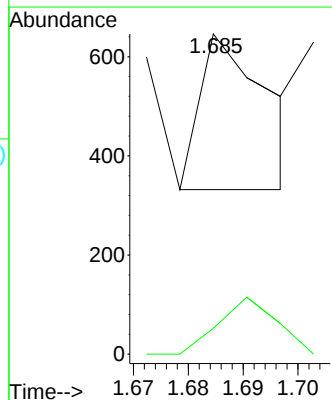
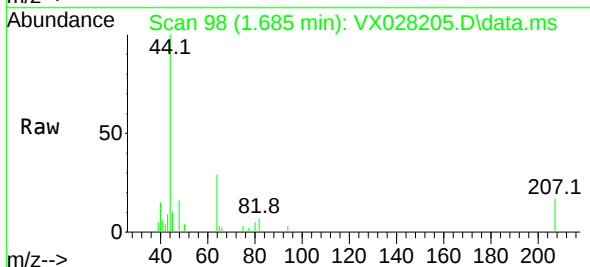
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

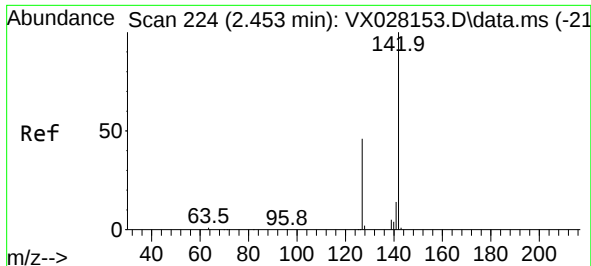
Tgt Ion: 94 Resp: 822
Ion Ratio Lower Upper
94 100
96 78.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 64 Resp: 266
Ion Ratio Lower Upper
64 100
66 16.6 25.3 37.9#





#10

Methyl Iodide

Concen: 5.330 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX028205.D

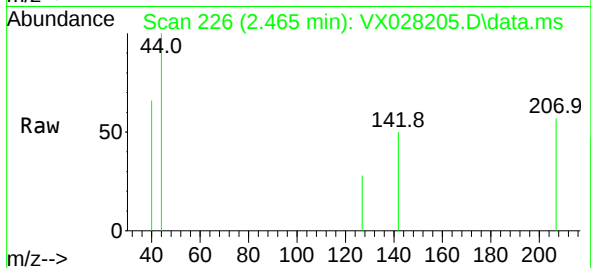
Acq: 20 Apr 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



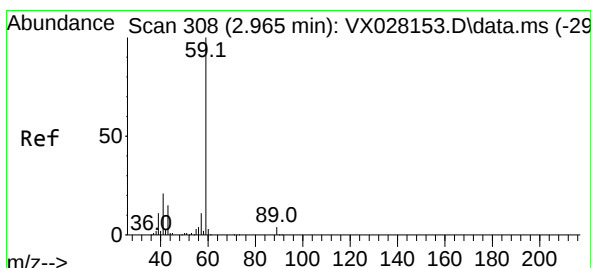
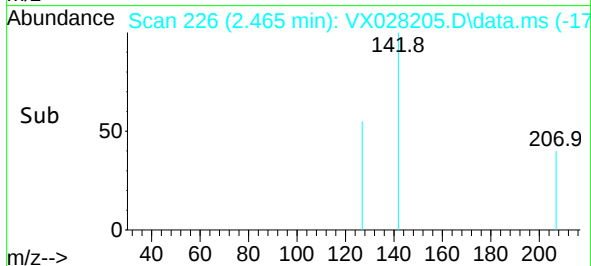
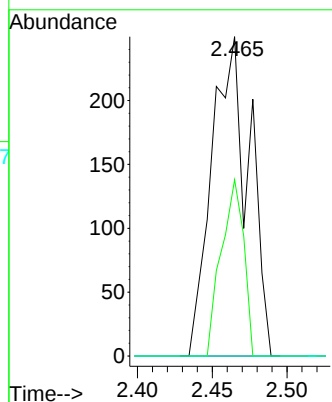
Tgt Ion:142 Resp: 435

Ion Ratio Lower Upper

142 100

127 33.1 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: VX028205.D

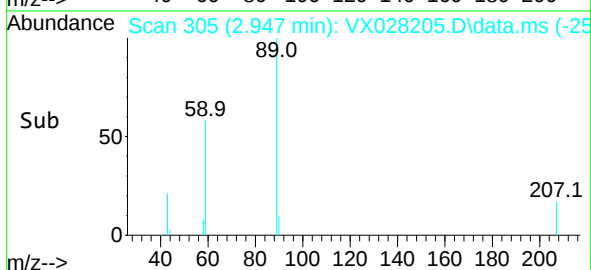
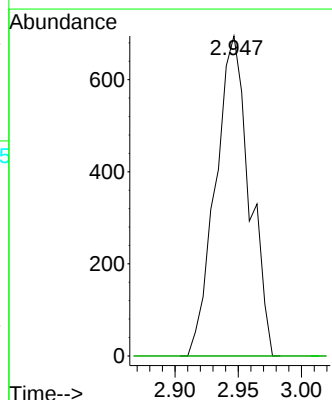
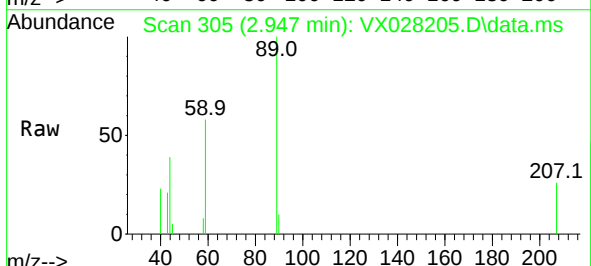
Acq: 20 Apr 2022 18:08

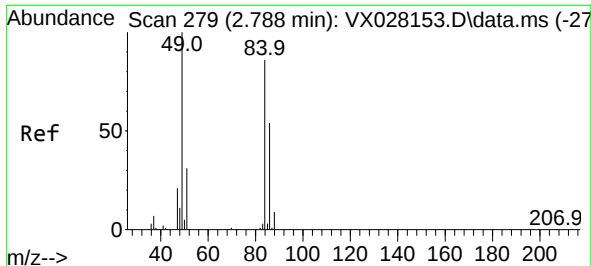
Tgt Ion: 59 Resp: 1294

Ion Ratio Lower Upper

59 100

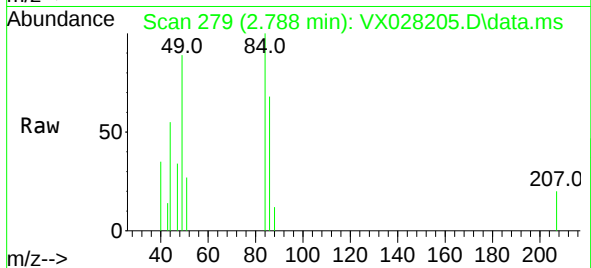
57 0.0 8.3 12.5#



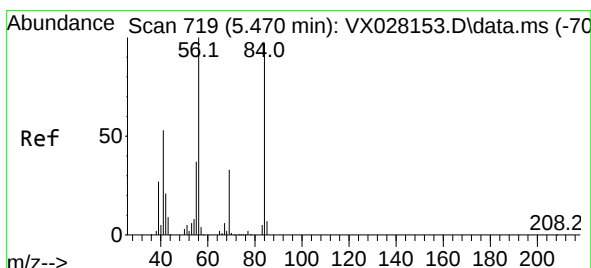
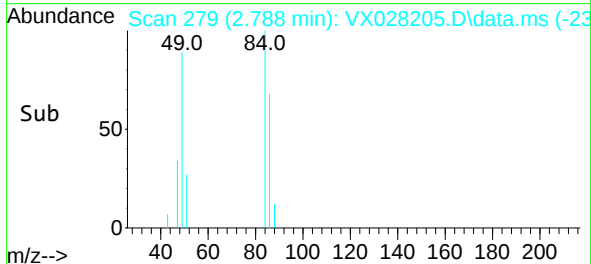
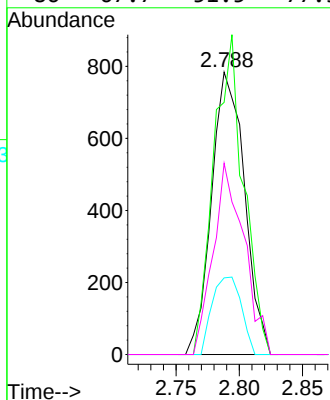


#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

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

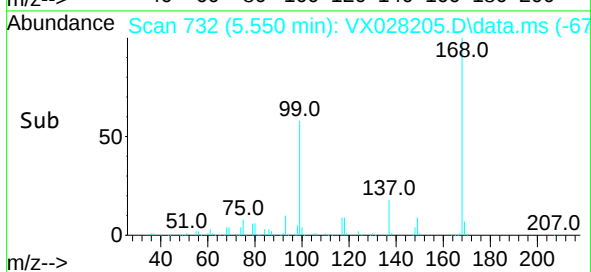
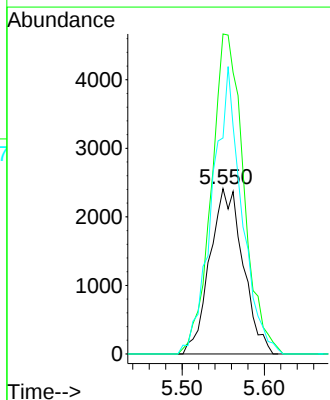
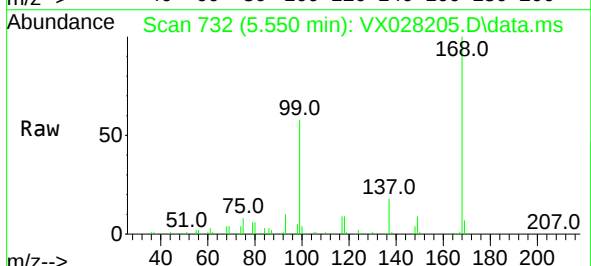


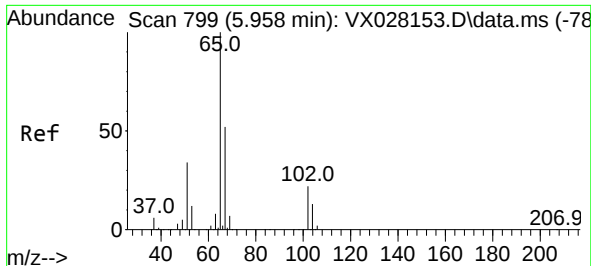
Tgt Ion: 84	Resp: 1422
Ion Ratio	Lower Upper
84 100	
49 89.3	85.5 128.3
51 27.2	26.6 39.8
86 67.7	51.5 77.3



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 56	Resp: 6806		
Ion Ratio	Lower	Upper	
56	100		
69	193.5	26.7	40.1#
84	130.7	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.785 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028205.D

Acq: 20 Apr 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

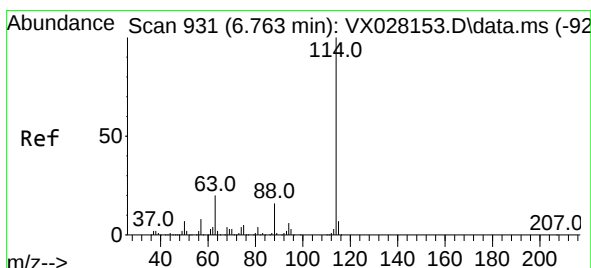
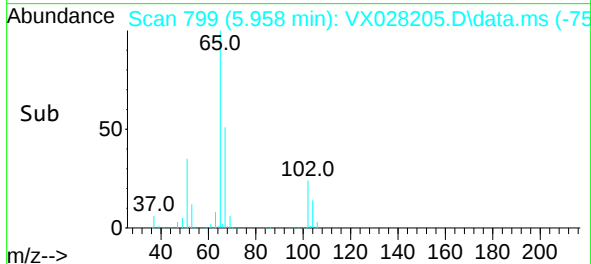
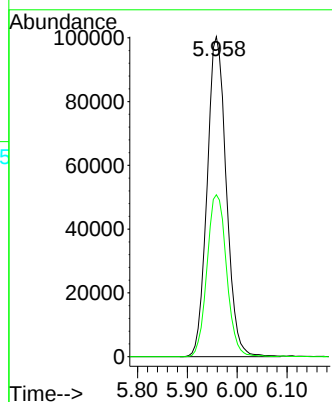
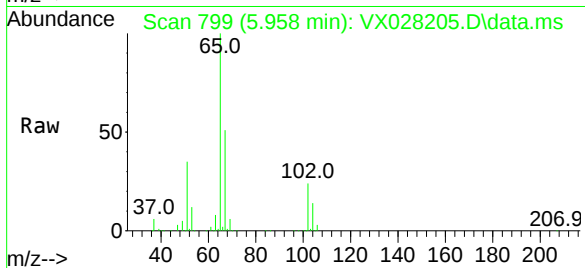
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 267738

Ion Ratio Lower Upper

65 100

67 51.7 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: VX028205.D

Acq: 20 Apr 2022 18:08

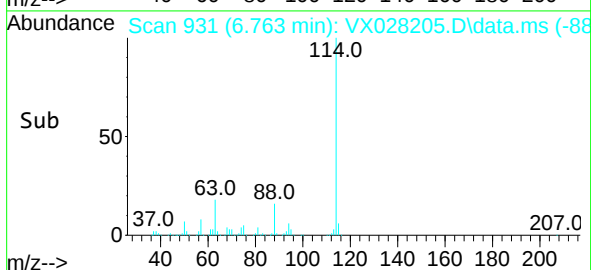
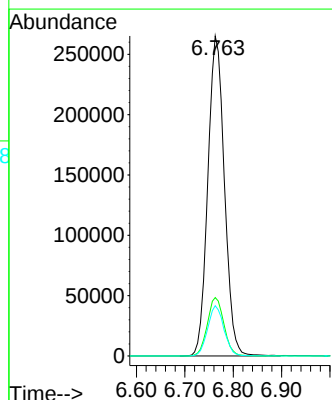
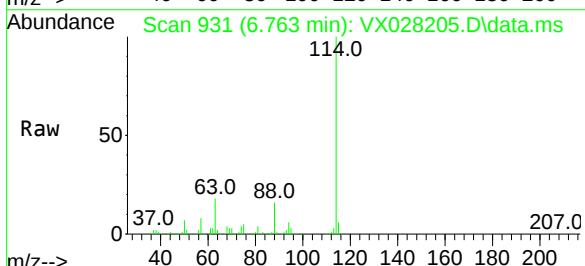
Tgt Ion: 114 Resp: 631486

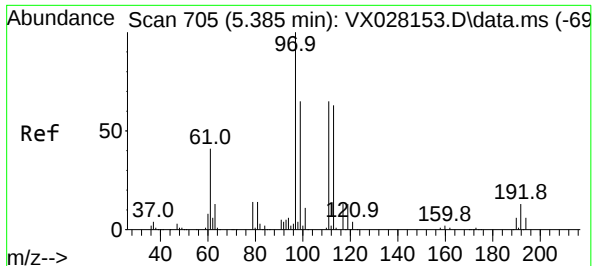
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.7 0.0 32.4

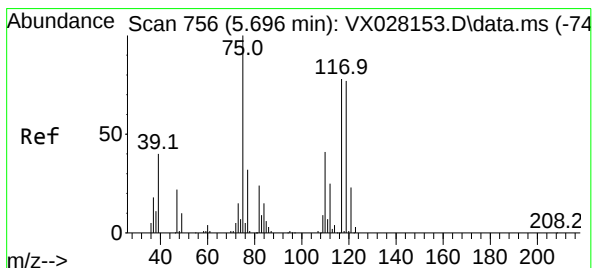
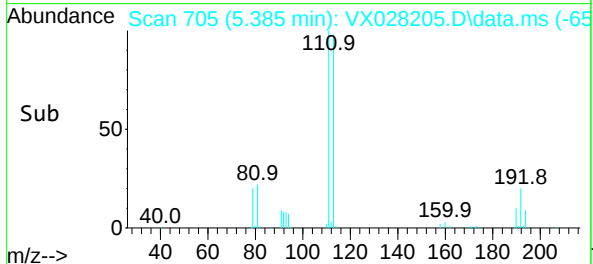
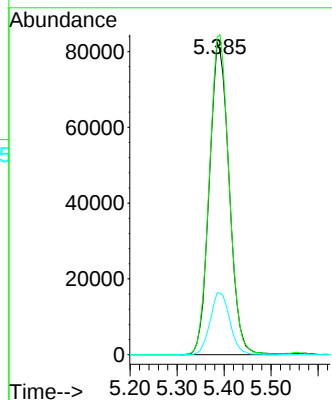
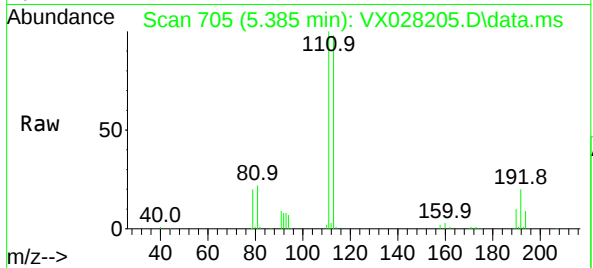




#35
Dibromofluoromethane
Concen: 54.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

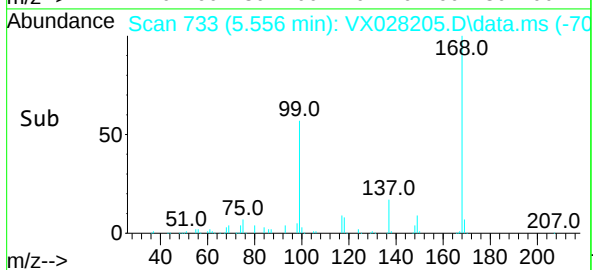
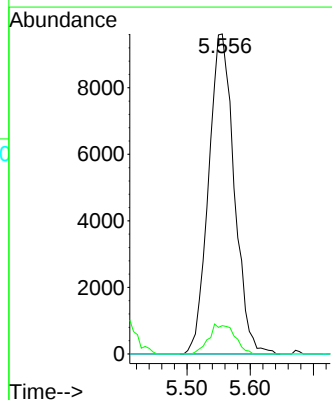
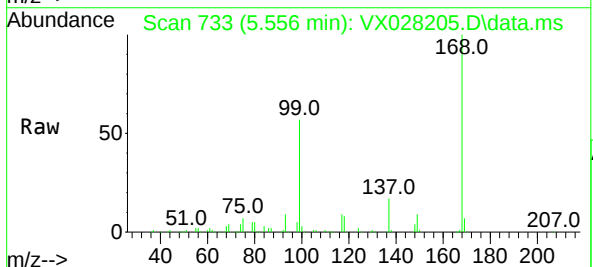
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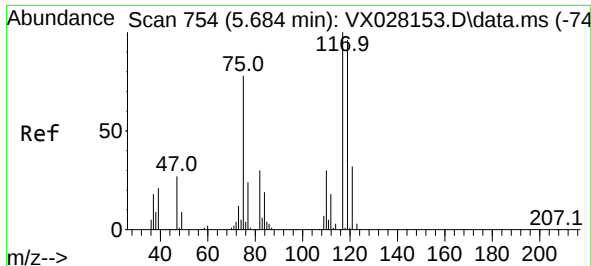
Tgt Ion:113 Resp: 241015
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 75 Resp: 27125
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#

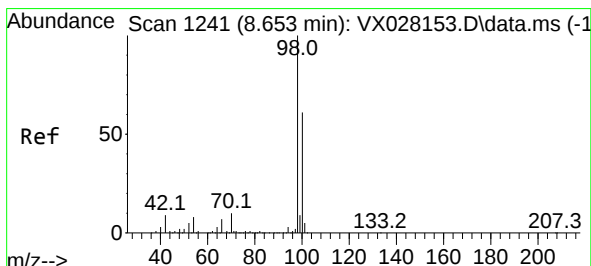
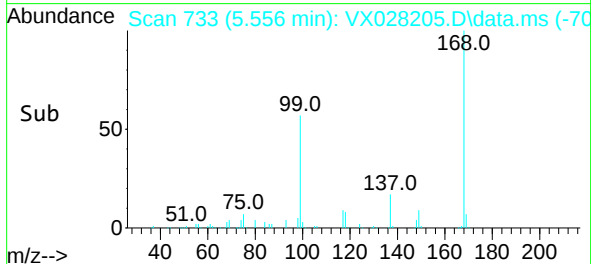
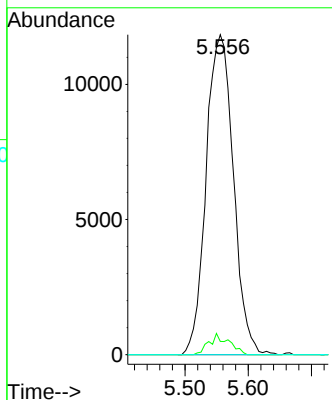
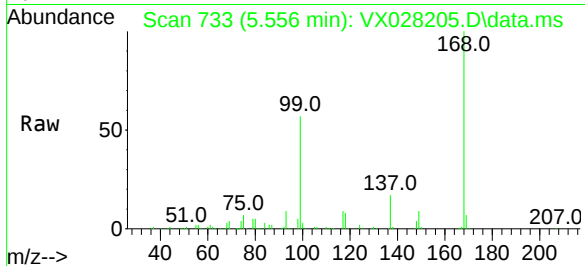




#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

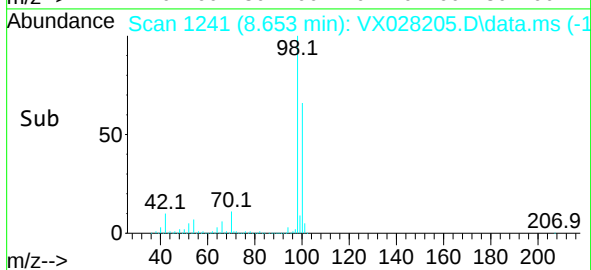
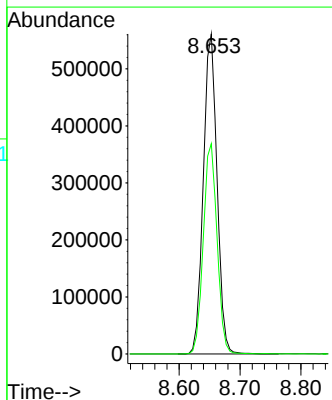
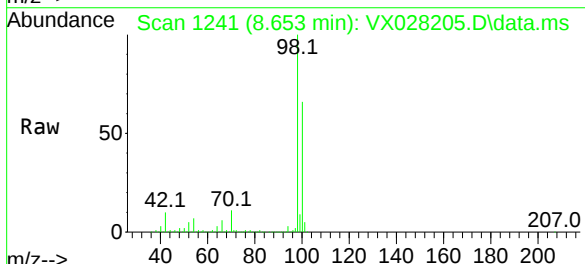
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

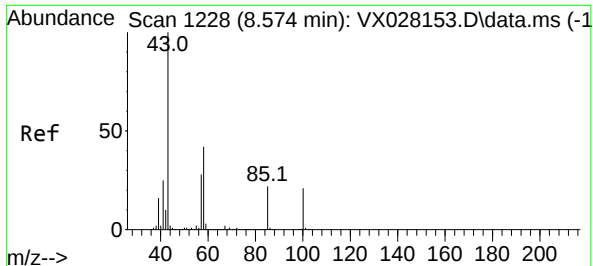
Tgt Ion:117 Resp: 35466
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.703 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 98 Resp: 879430
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.562 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX028205.D

Acq: 20 Apr 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

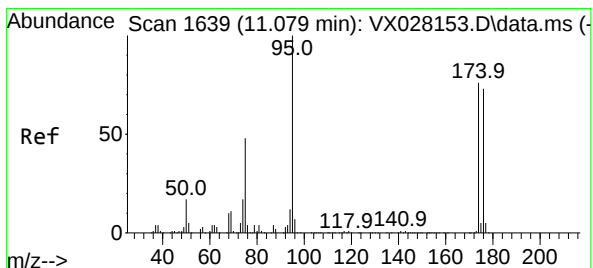
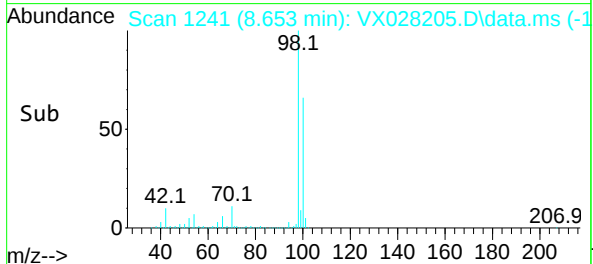
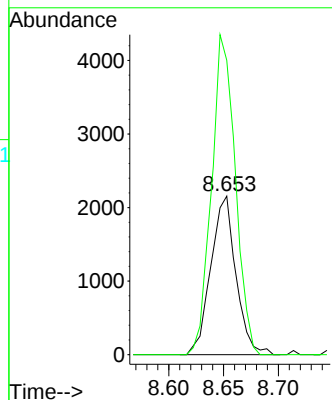
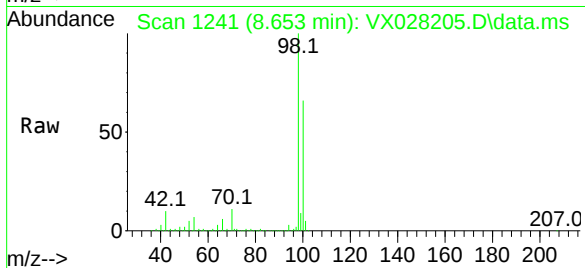
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 3438

Ion Ratio Lower Upper

43 100

58 191.0 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 49.497 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028205.D

Acq: 20 Apr 2022 18:08

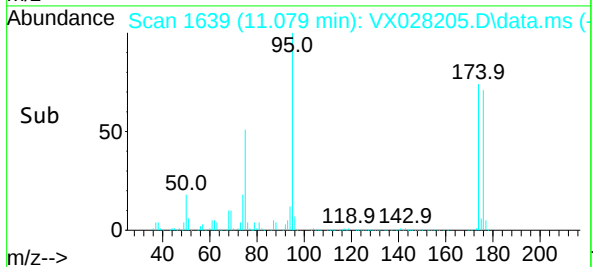
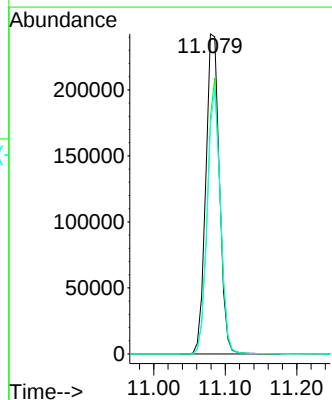
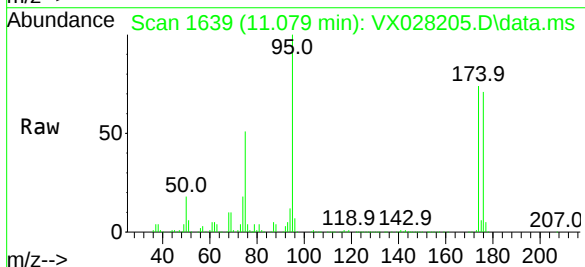
Tgt Ion: 95 Resp: 321911

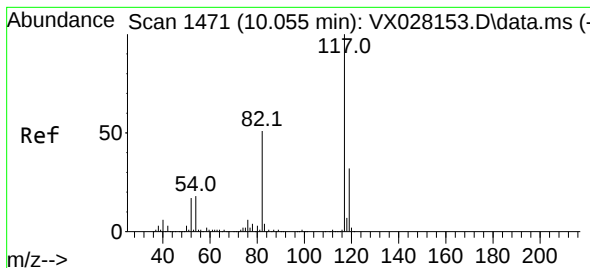
Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.0

176 79.4 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: VX028205.D

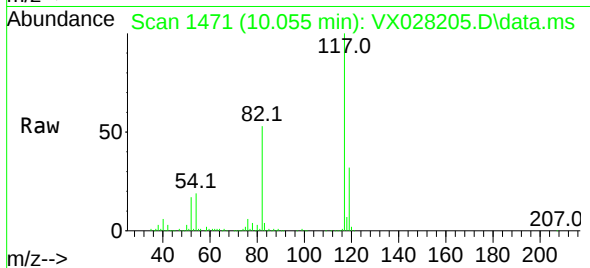
Acq: 20 Apr 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



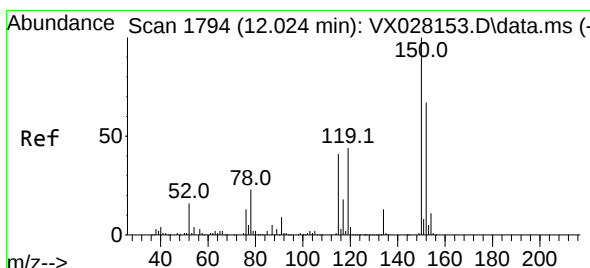
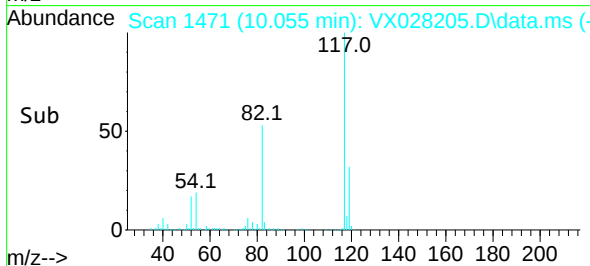
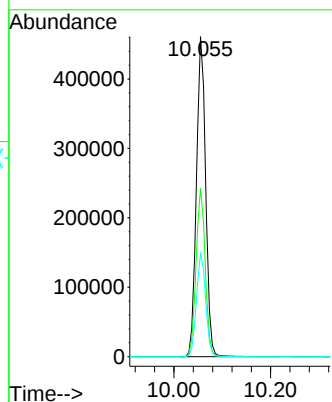
Tgt Ion:117 Resp: 608742

Ion Ratio Lower Upper

117 100

82 52.5 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# 1794

Delta R.T. 0.000 min

Lab File: VX028205.D

Acq: 20 Apr 2022 18:08

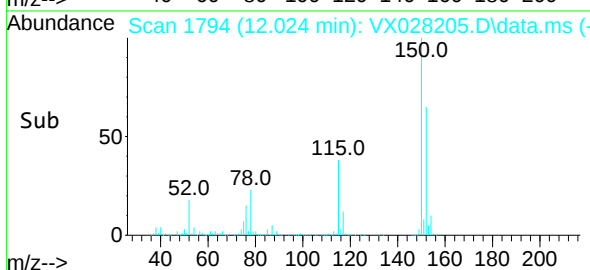
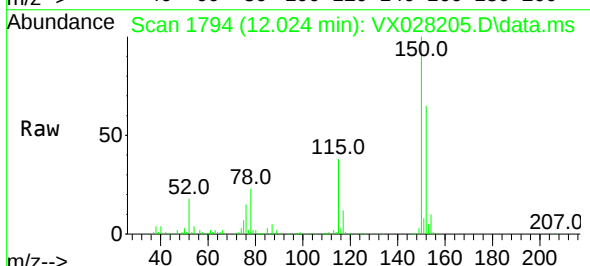
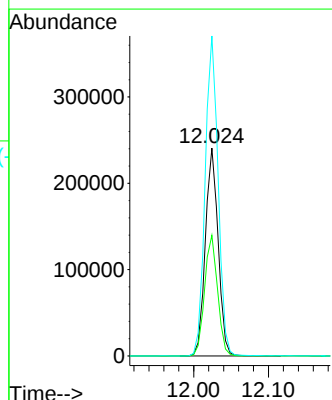
Tgt Ion:152 Resp: 286116

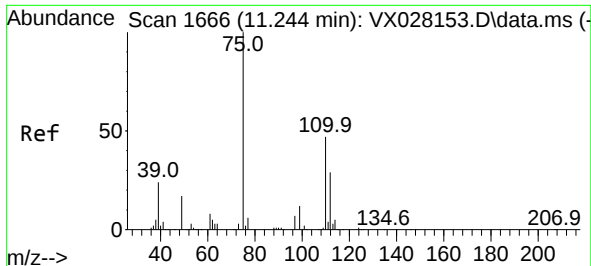
Ion Ratio Lower Upper

152 100

115 58.8 37.5 112.7

150 156.1 0.0 338.2

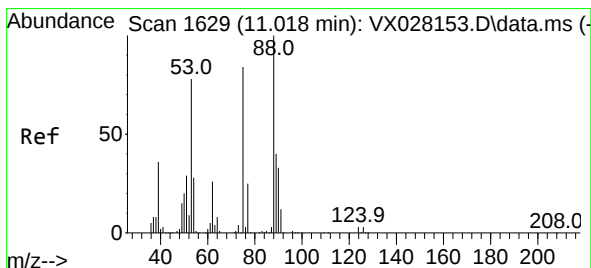
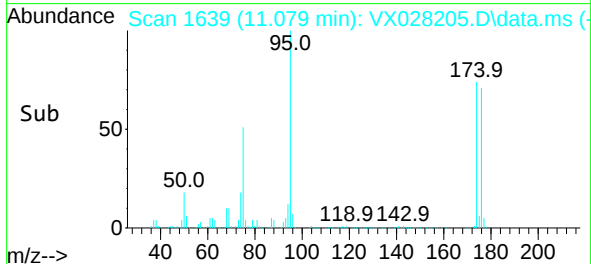
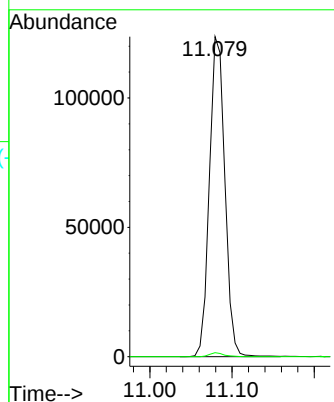
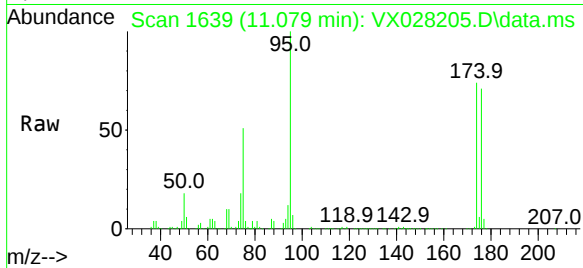




#76
1,2,3-Trichloropropane
Concen: 28.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

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

Tgt Ion: 75 Resp: 161486
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 75 Resp: 161486
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

