

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030818.D
 Acq On : 26 Aug 2022 12:42
 Operator : JC/MD
 Sample : N4246-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220817006-01-TRIP-BLANK

Quant Time: Aug 27 02:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

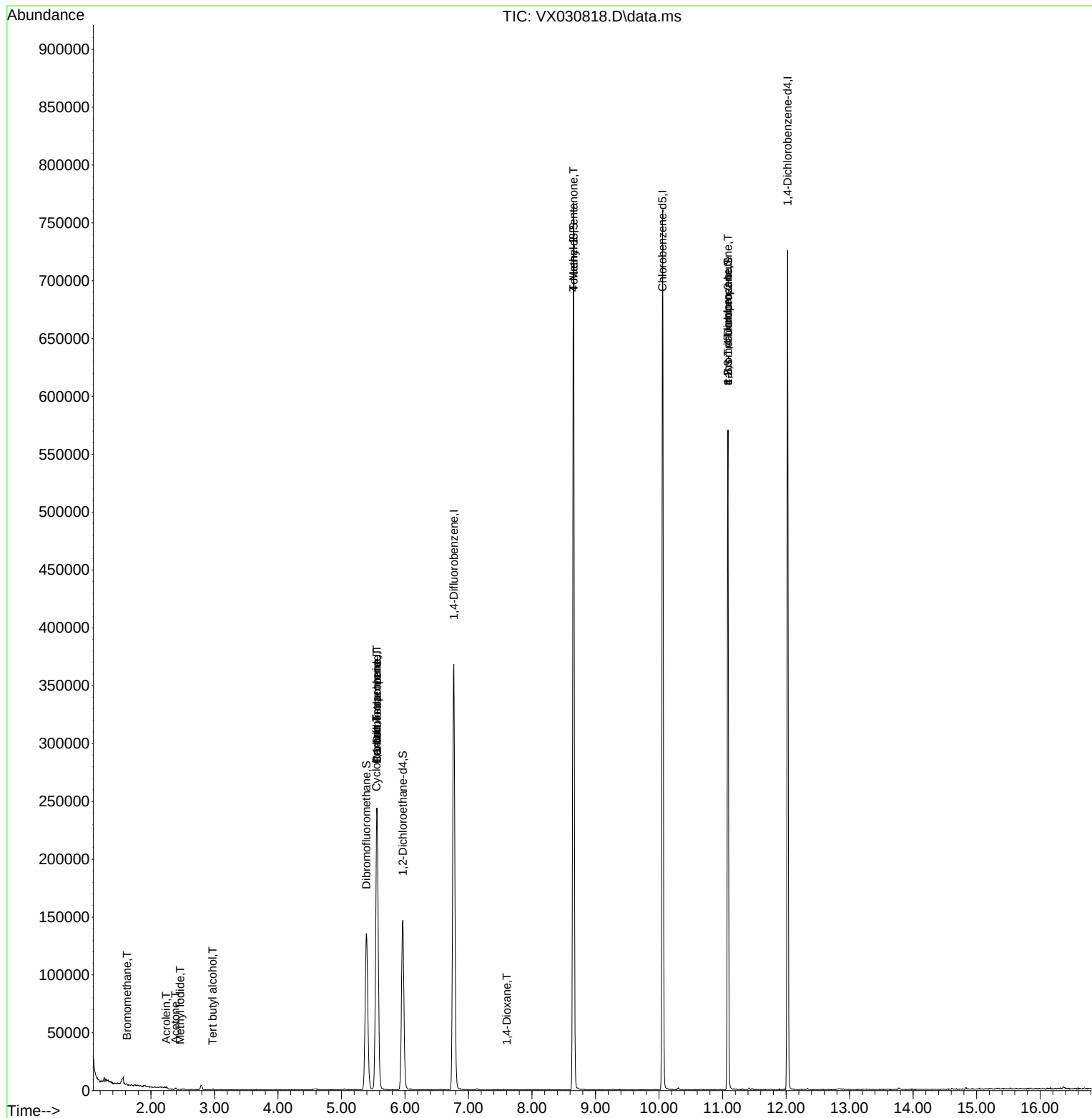
Internal Standards						
1) Pentafluorobenzene	5.556	168	235898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	383719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142347	51.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.600%	
35) Dibromofluoromethane	5.391	113	121007	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	8.653	98	456849	55.593	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.180%	
62) 4-Bromofluorobenzene	11.085	95	150941	49.335	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.680%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	302	Below Cal	#	42
4) Vinyl Chloride	1.386	62	19	Below Cal	#	43
5) Bromomethane	1.624	94	253	0.230	ug/l #	2
6) Chloroethane	1.691	64	70	Below Cal	#	41
10) Methyl Iodide	2.459	142	225	4.137	ug/l #	51
11) Tert butyl alcohol	2.971	59	206	0.342	ug/l #	74
13) Acrolein	2.239	56	111	10.252	ug/l #	71
16) Acetone	2.386	43	1229	0.958	ug/l #	63
17) Carbon Disulfide	2.514	76	880	Below Cal	#	74
31) Cyclohexane	5.550	56	4720	1.330	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	18329	5.708	ug/l #	48
38) Carbon Tetrachloride	5.556	117	23665	6.986	ug/l #	19
49) 1,4-Dioxane	7.604	88	20	0.284	ug/l #	1
51) 4-Methyl-2-Pentanone	8.653	43	2065	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	74711	23.107	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74711	74.554	ug/l #	12

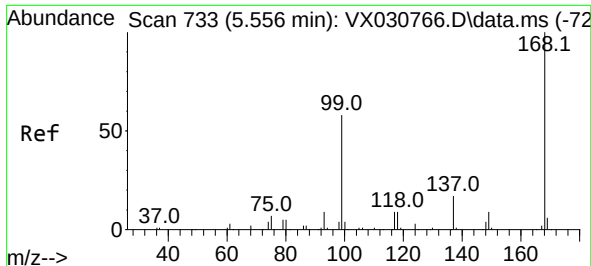
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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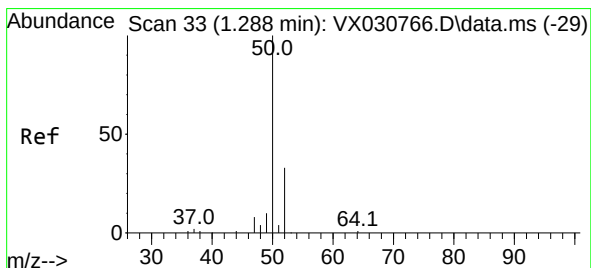
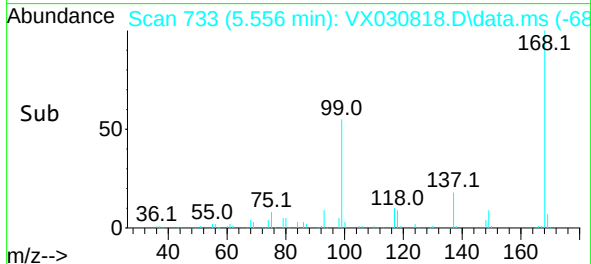
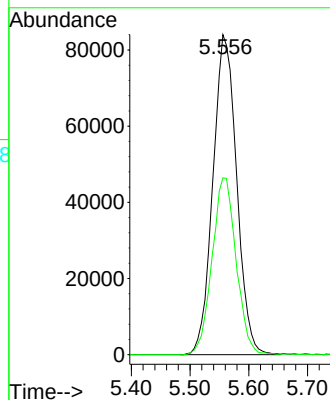
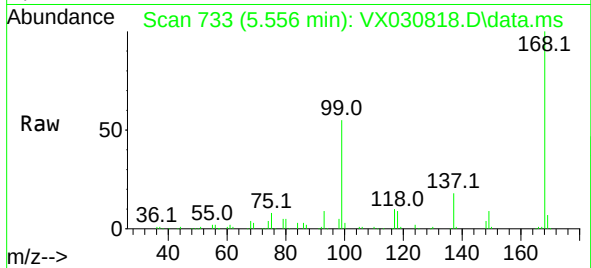




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

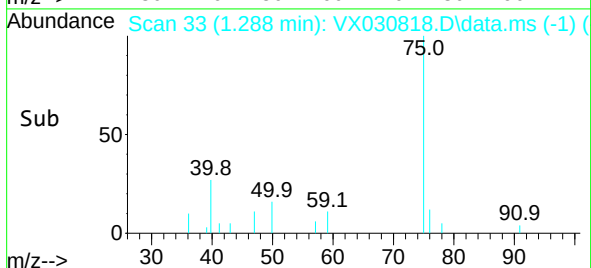
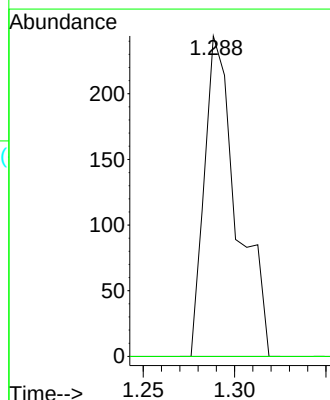
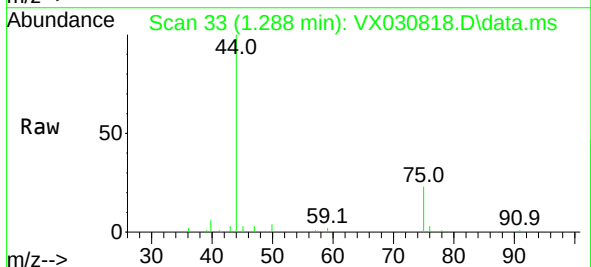
Instrument :
MSVOA_X
ClientSampleId :
220817006-01-TRIP-BLANK

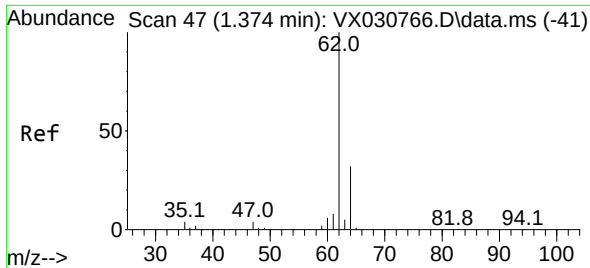
Tgt Ion:168 Resp: 235898
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

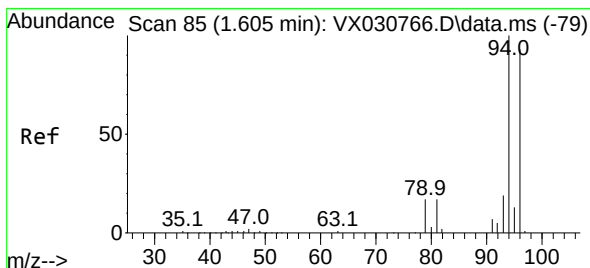
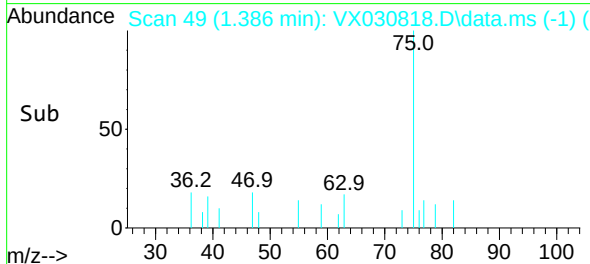
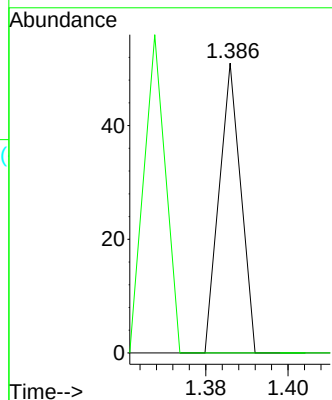
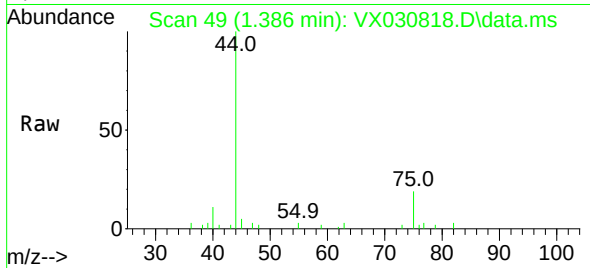




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.386 min Scan# 49
 Delta R.T. 0.012 min
 Lab File: VX030818.D
 Acq: 26 Aug 2022 12:42

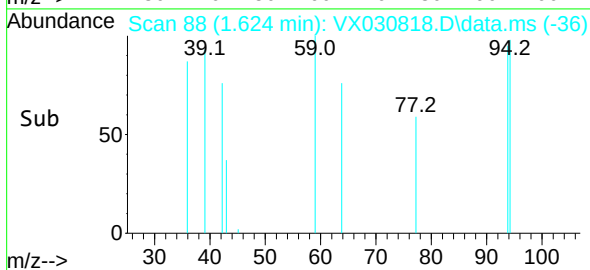
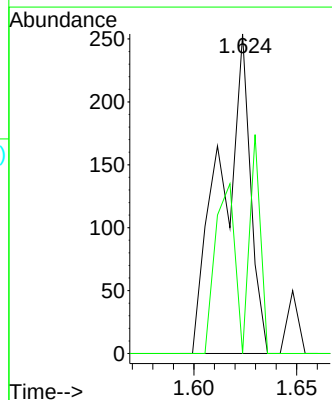
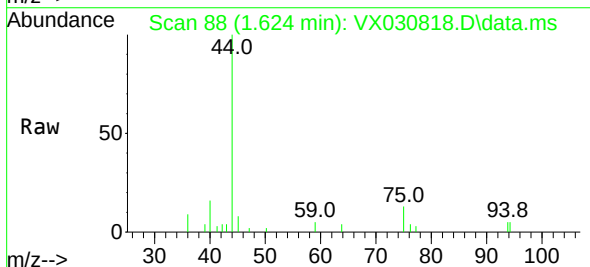
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 ClientSampleId :
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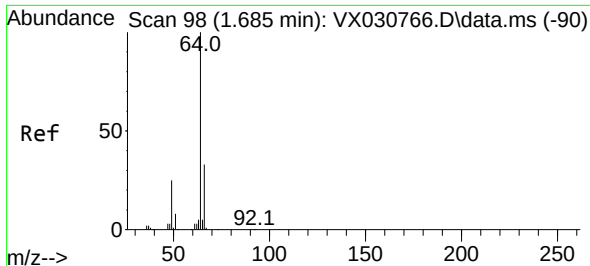
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.230 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.018 min
 Lab File: VX030818.D
 Acq: 26 Aug 2022 12:42

Tgt Ion: 94 Resp: 253
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.9 115.3#

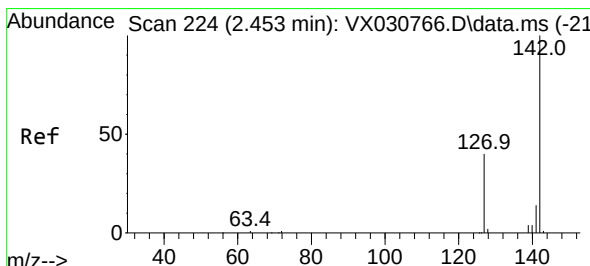
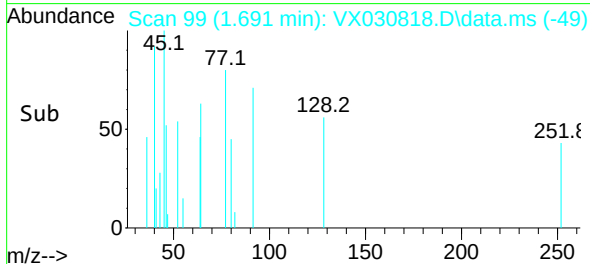
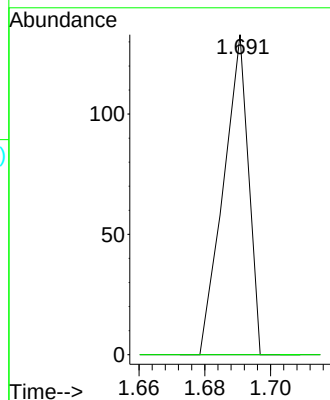
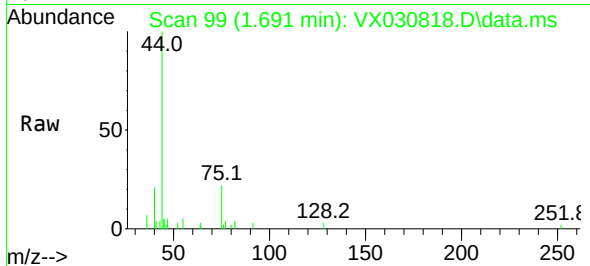




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

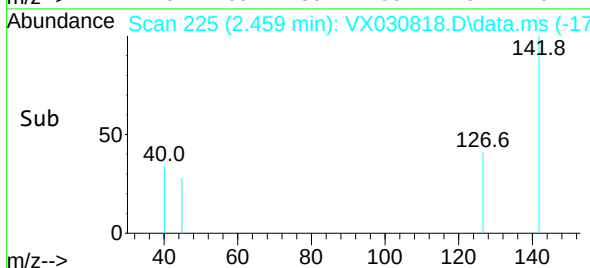
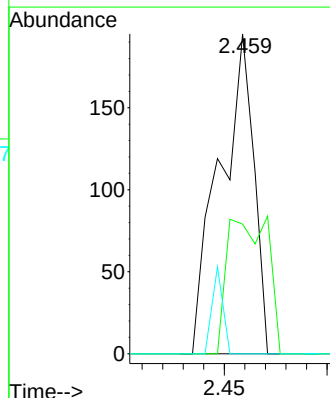
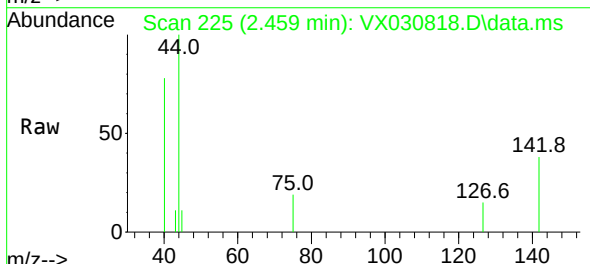
Instrument :
MSVOA_X
ClientSampleId :
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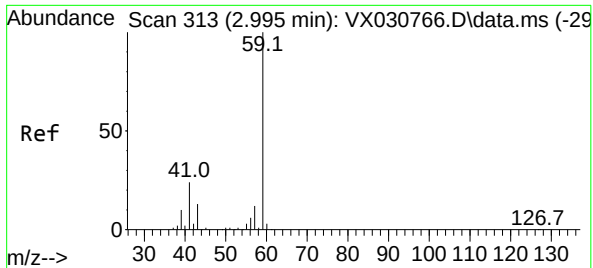
Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.137 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 142 Resp: 225
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 8.4 11.3 16.9#

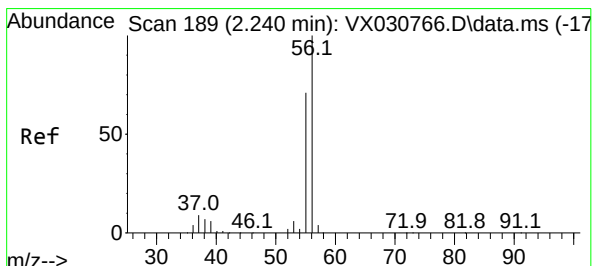
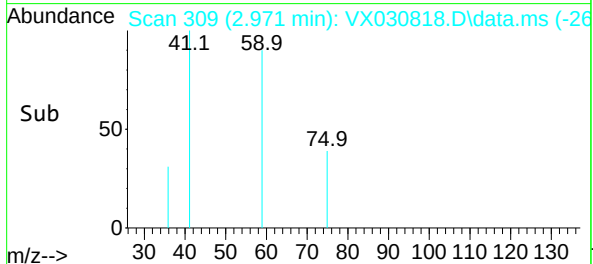
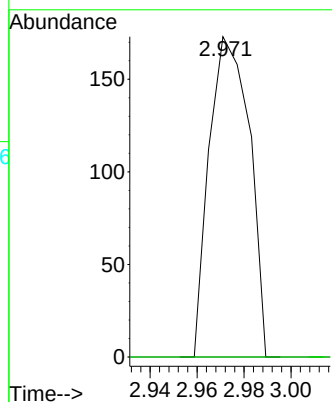
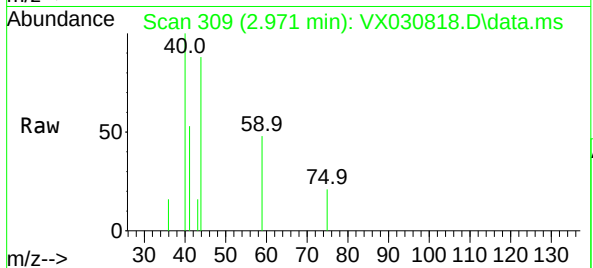




#11
Tert butyl alcohol
Concen: 0.342 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

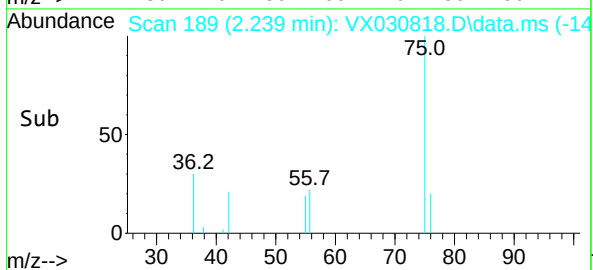
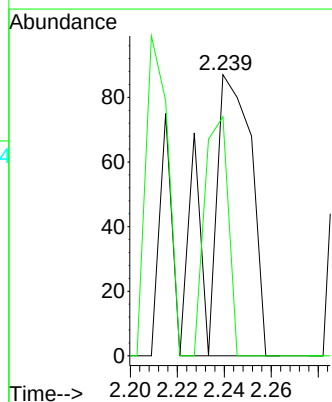
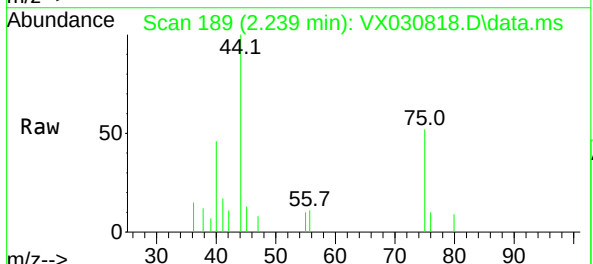
Instrument :
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ClientSampleId :
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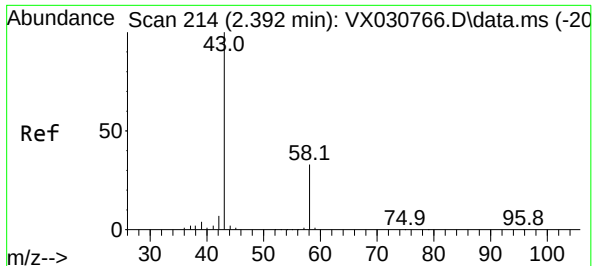
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 10.252 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 46.8 56.6 84.8#

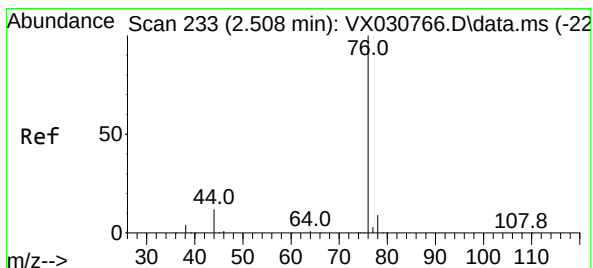
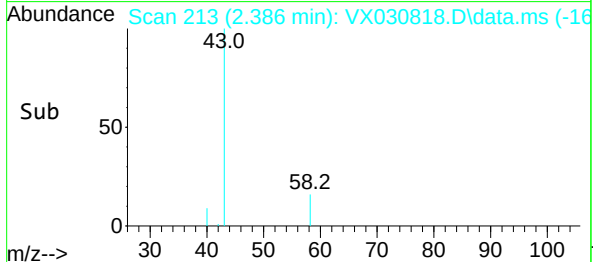
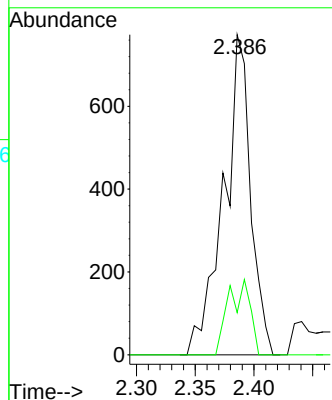
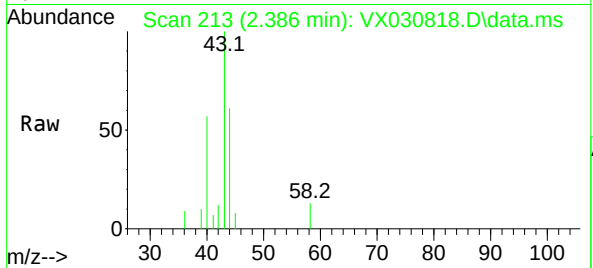




#16
Acetone
Concen: 0.958 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

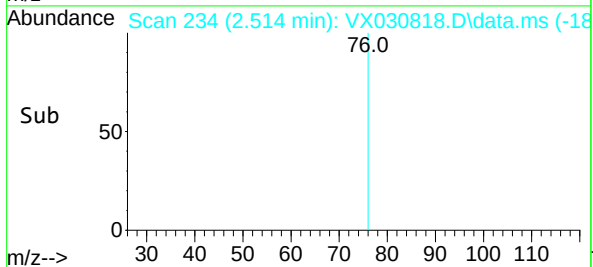
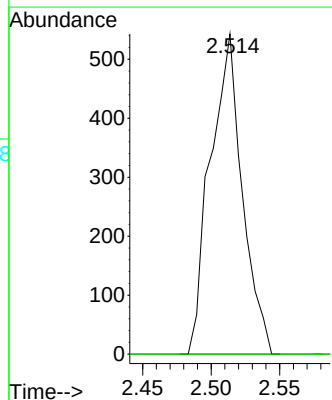
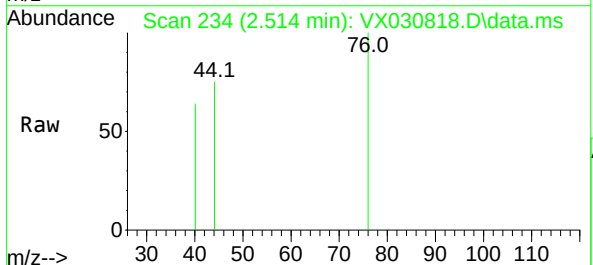
Instrument :
MSVOA_X
ClientSampleId :
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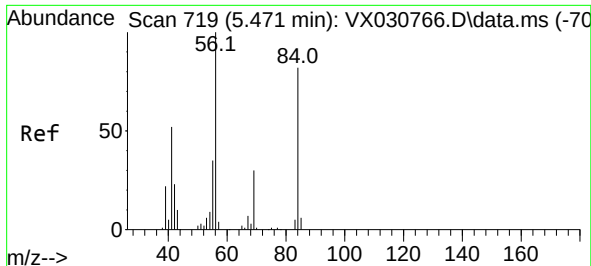
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 13.2 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 76 Resp: 880
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

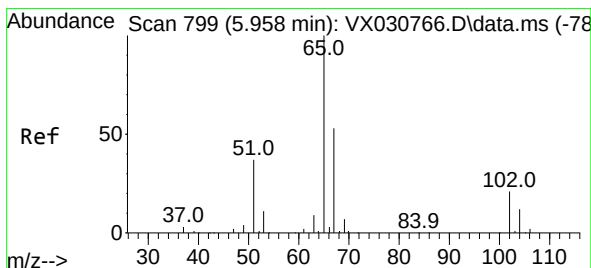
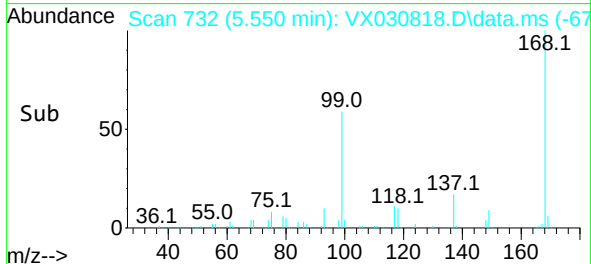
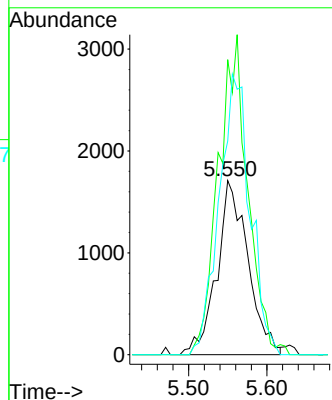
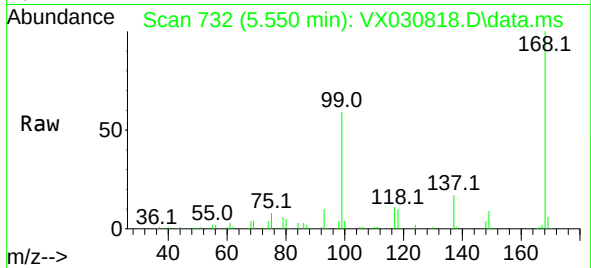




#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

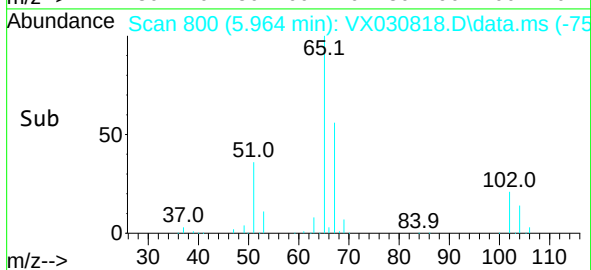
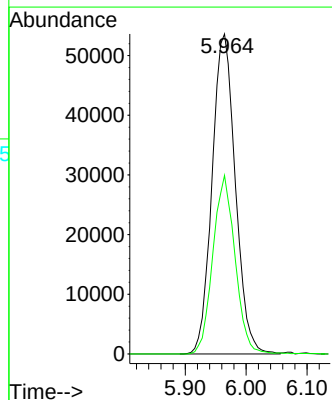
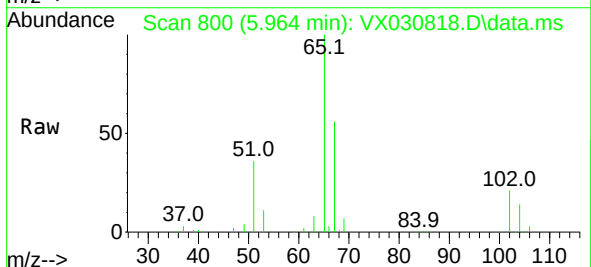
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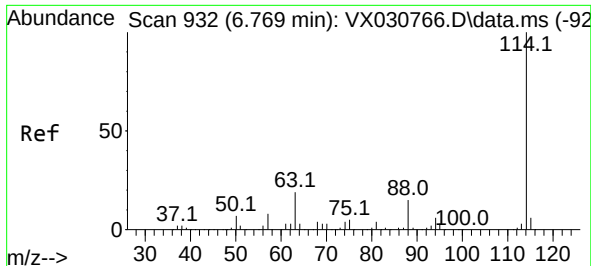
Tgt Ion: 56 Resp: 4720
Ion Ratio Lower Upper
56 100
69 169.4 25.4 38.0#
84 122.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.300 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 65 Resp: 142347
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6

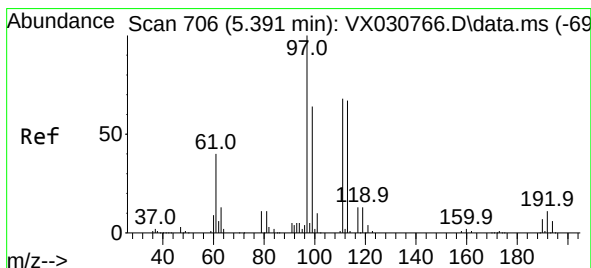
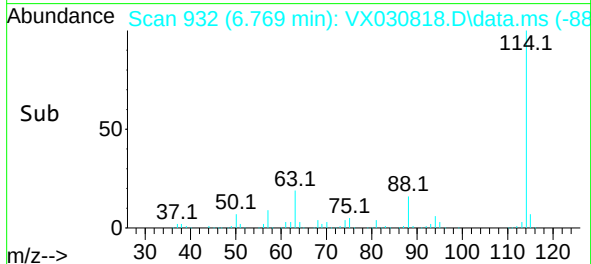
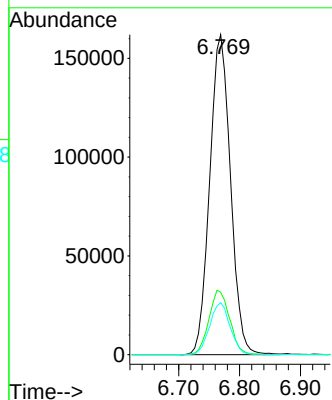
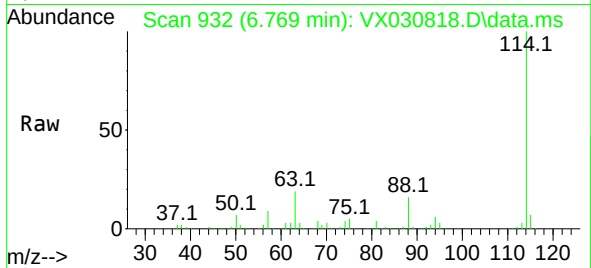




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

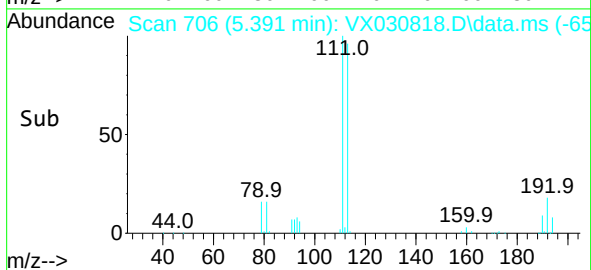
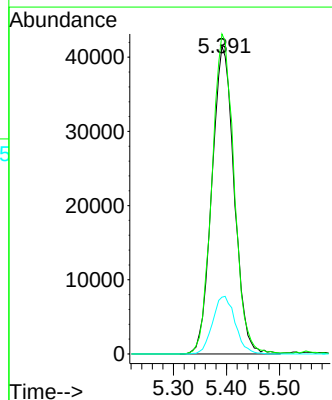
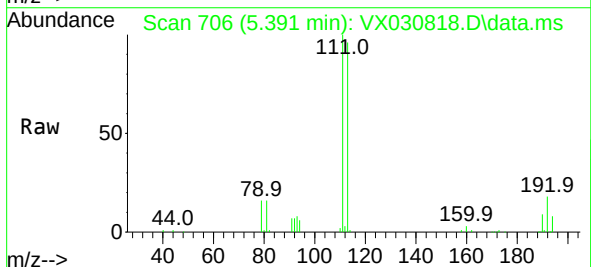
Instrument :
MSVOA_X
ClientSampleId :
220817006-01-TRIP-BLANK

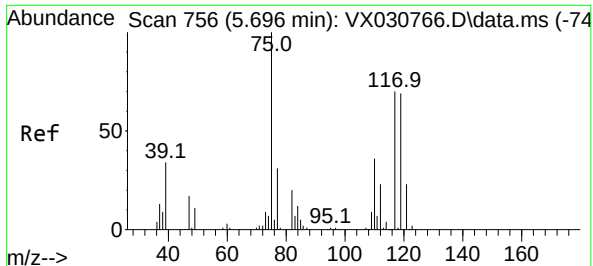
Tgt Ion:114 Resp: 383719
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.312 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion:113 Resp: 121007
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.9 14.8 22.2

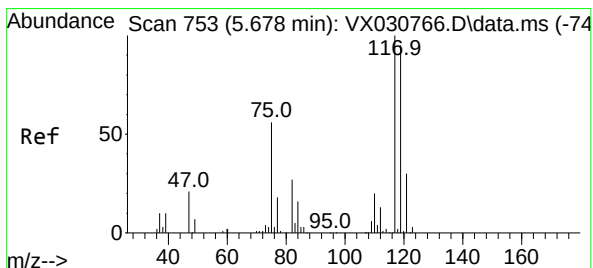
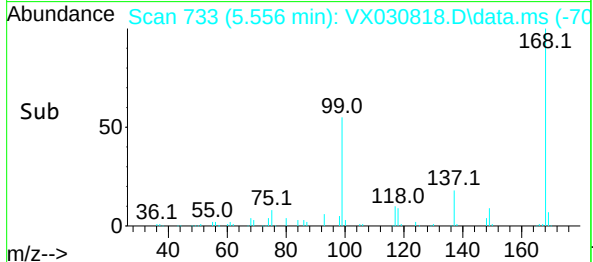
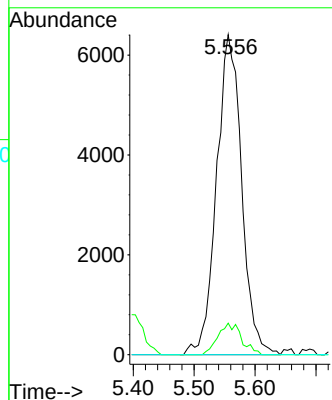
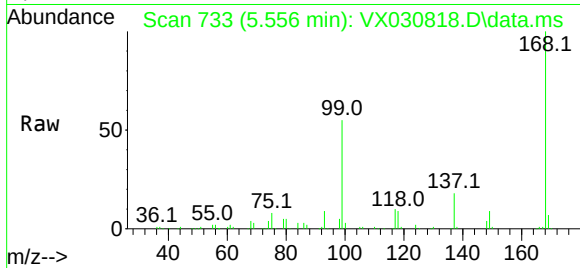




#36
1,1-Dichloropropene
Concen: 5.708 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

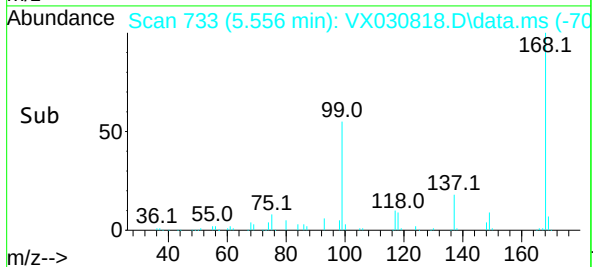
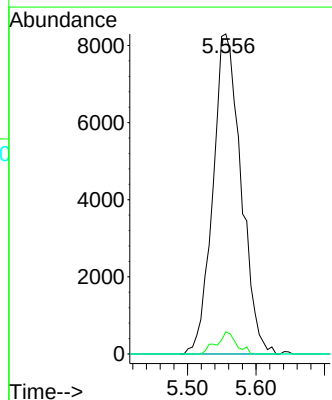
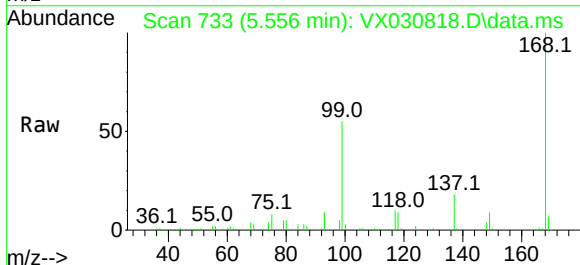
Instrument :
MSVOA_X
ClientSampleId :
220817006-01-TRIP-BLANK

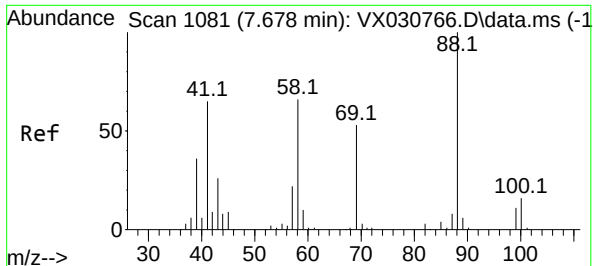
Tgt Ion: 75 Resp: 18329
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.986 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 117 Resp: 23665
Ion Ratio Lower Upper
117 100
119 6.9 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.284 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.074 min

Lab File: VX030818.D

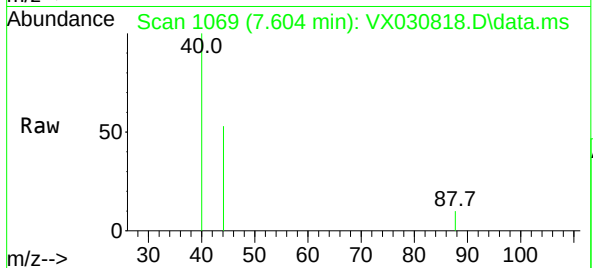
Acq: 26 Aug 2022 12:42

Instrument :

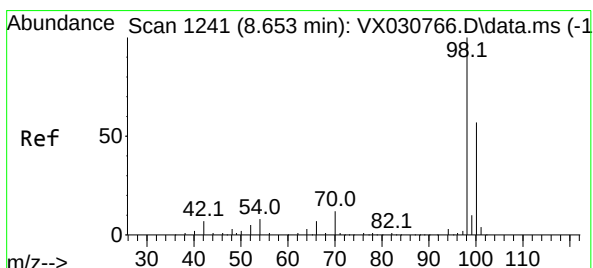
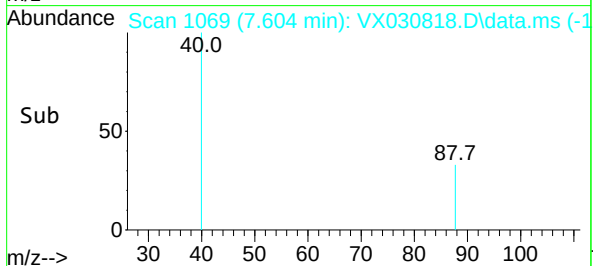
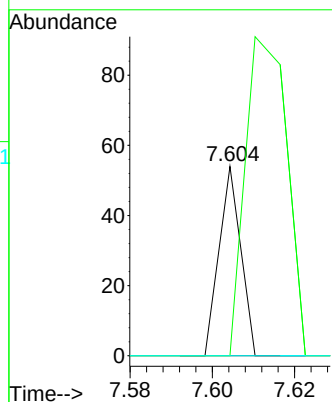
MSVOA_X

ClientSampleId :

220817006-01-TRIP-BLANK



Tgt Ion:	88	Resp:	20
Ion	Ratio	Lower	Upper
88	100		
43	320.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 55.593 ug/l

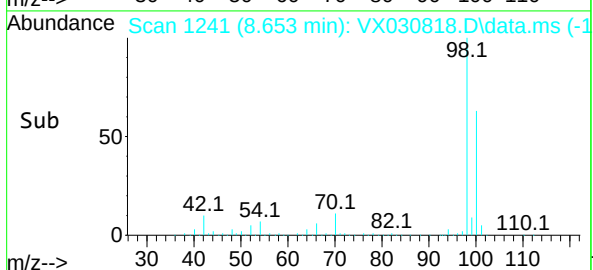
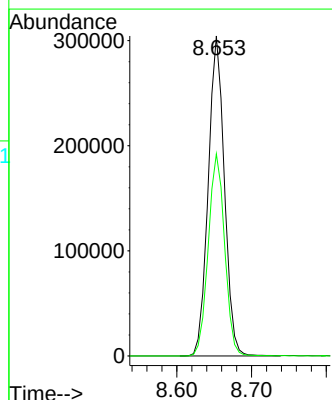
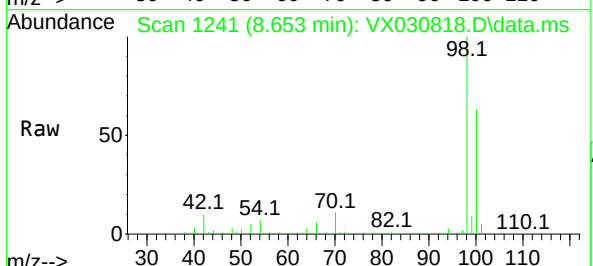
RT: 8.653 min Scan# 1241

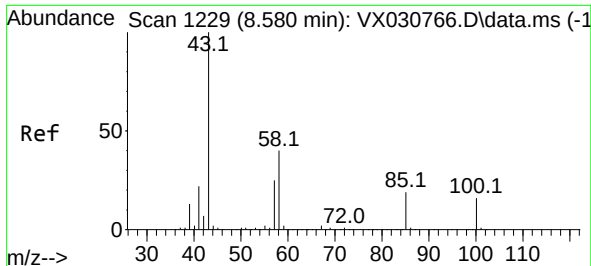
Delta R.T. -0.000 min

Lab File: VX030818.D

Acq: 26 Aug 2022 12:42

Tgt Ion:	98	Resp:	456849
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 0.534 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX030818.D

Acq: 26 Aug 2022 12:42

Instrument :

MSVOA_X

ClientSampleId :

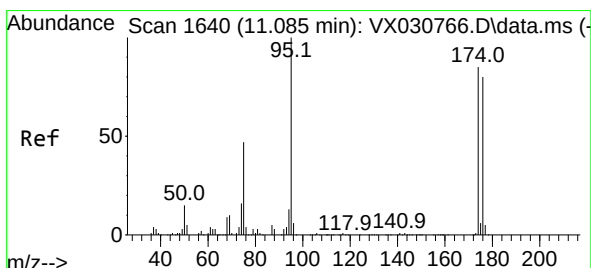
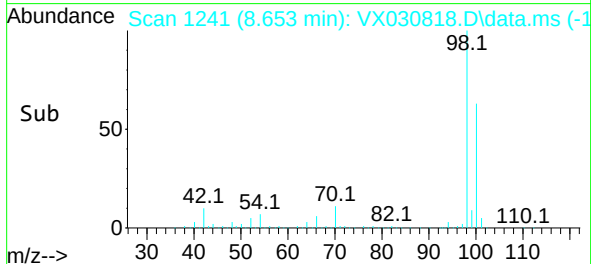
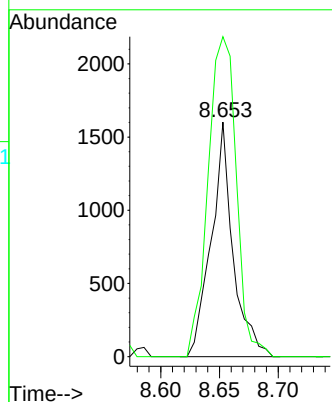
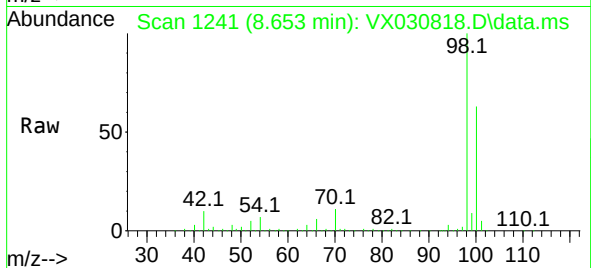
220817006-01-TRIP-BLANK

Tgt Ion: 43 Resp: 2065

Ion Ratio Lower Upper

43 100

58 177.2 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 49.335 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030818.D

Acq: 26 Aug 2022 12:42

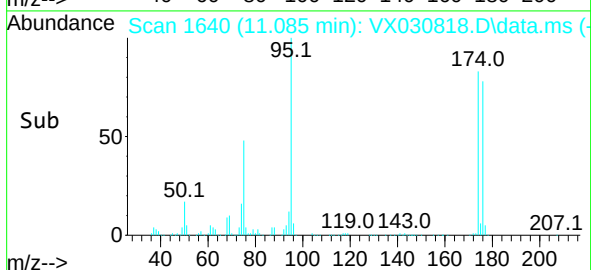
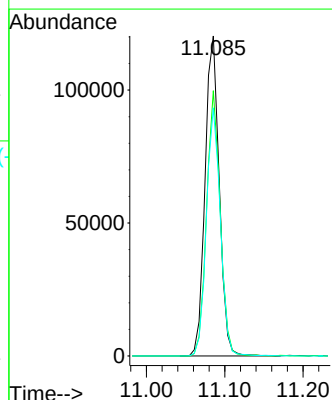
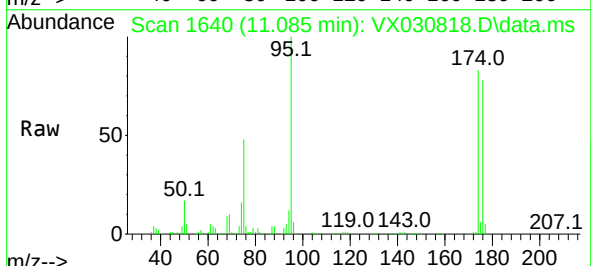
Tgt Ion: 95 Resp: 150941

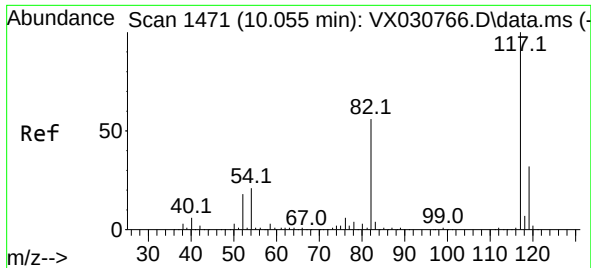
Ion Ratio Lower Upper

95 100

174 79.6 0.0 149.0

176 76.5 0.0 146.0

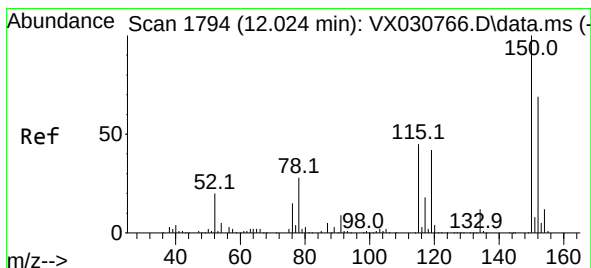
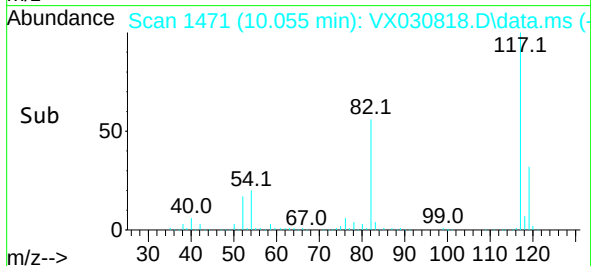
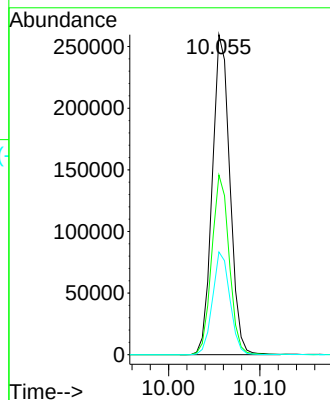
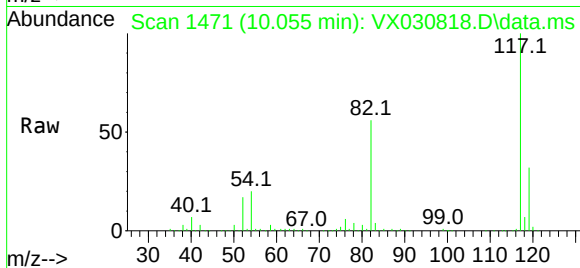




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

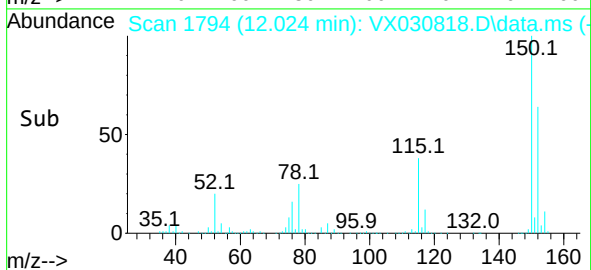
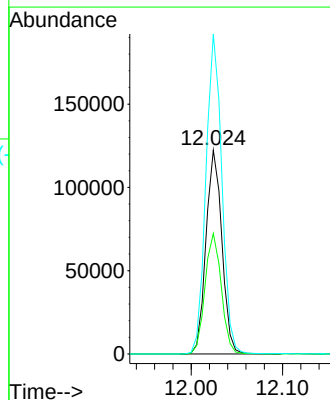
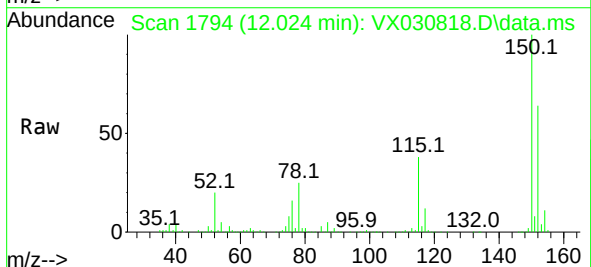
Instrument :
MSVOA_X
ClientSampleId :
220817006-01-TRIP-BLANK

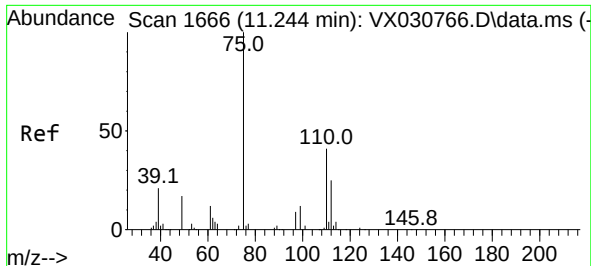
Tgt Ion:117 Resp: 346995
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion:152 Resp: 147578
Ion Ratio Lower Upper
152 100
115 60.4 40.5 121.5
150 157.1 0.0 347.0

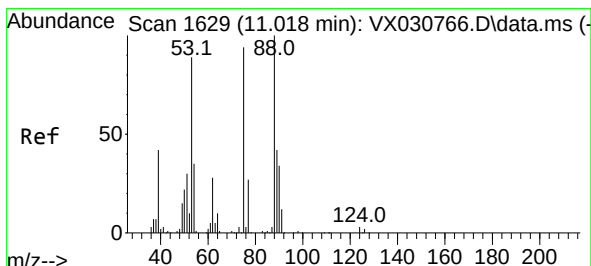
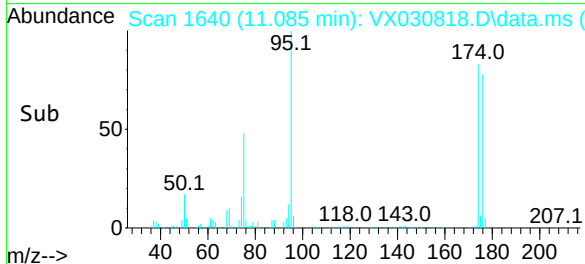
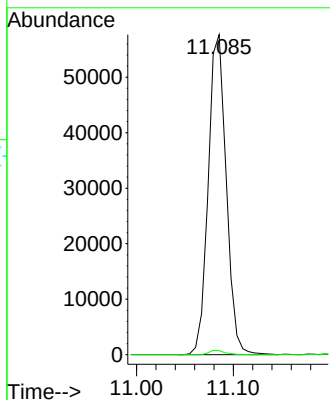
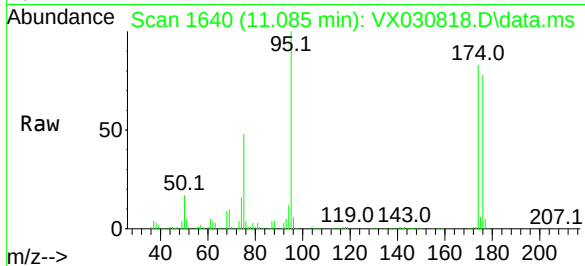




#76
1,2,3-Trichloropropane
Concen: 23.107 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Instrument :
MSVOA_X
ClientSampleId :
220817006-01-TRIP-BLANK

Tgt Ion: 75 Resp: 74711
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030818.D
Acq: 26 Aug 2022 12:42

Tgt Ion: 75 Resp: 74711
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

