

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031605.D
 Acq On : 23 Sep 2022 06:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 23 09:18:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

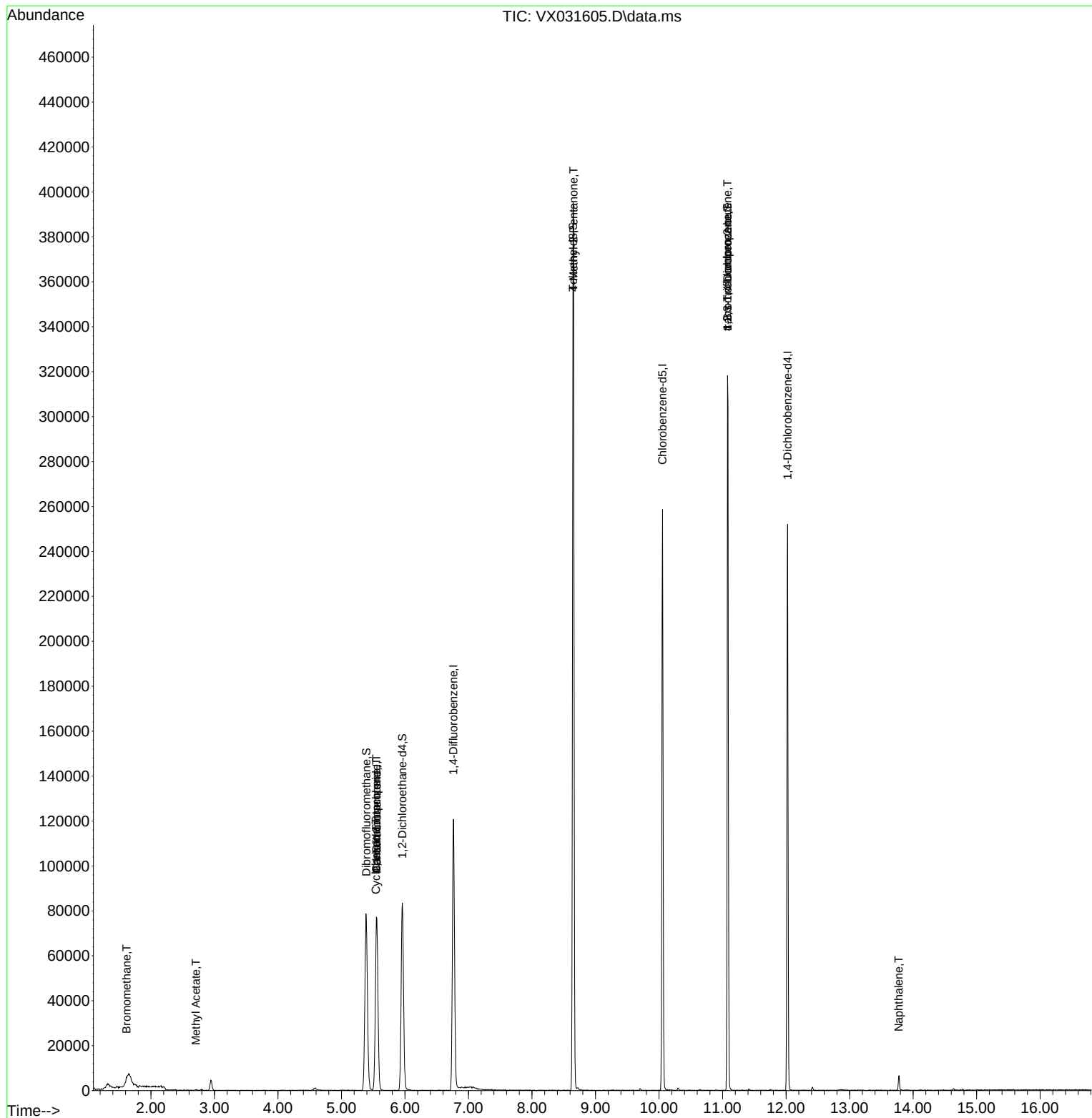
Internal Standards						
1) Pentafluorobenzene	5.556	168	76062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74046	53.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.100%			
35) Dibromofluoromethane	5.391	113	63040	49.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	8.647	98	235045	47.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.380%			
62) 4-Bromofluorobenzene	11.079	95	71742	42.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.940%			
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	517	0.219	ug/l #	80
6) Chloroethane	1.685	64	123	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	2466	Below Cal	#	73
13) Acrolein	2.075	56	46	Below Cal	#	15
16) Acetone	2.392	43	340	Below Cal	#	45
18) Methyl Acetate	2.709	43	546	0.262	ug/l #	52
20) Methylene Chloride	2.788	84	143	Below Cal	#	82
31) Cyclohexane	5.544	56	1897	0.917	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	5916	3.009	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7305	3.351	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1209	0.521	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	85	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	41852	37.942	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41852	122.168	ug/l #	11
95) Naphthalene	13.774	128	4923	1.390	ug/l	97

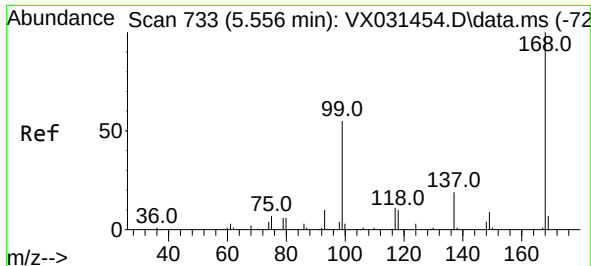
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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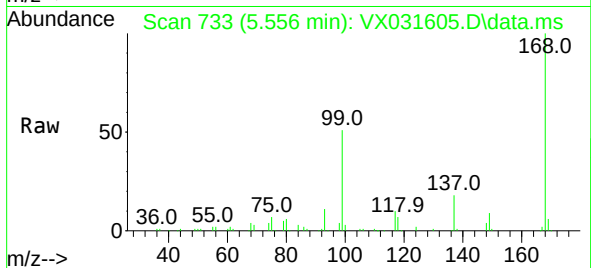
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
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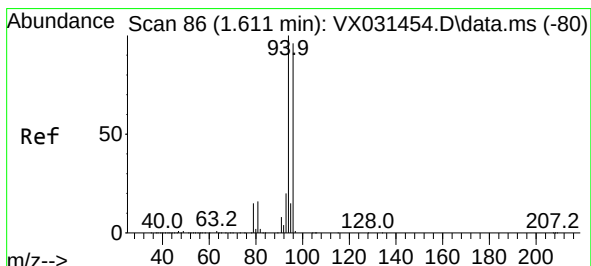
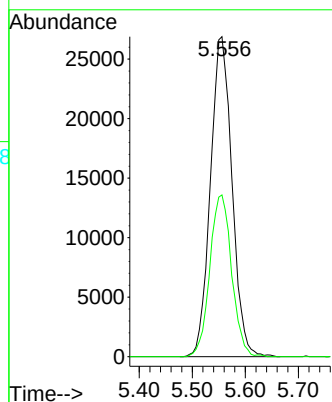
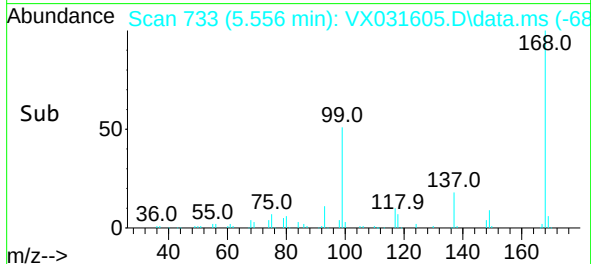


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Instrument :
MSVOA_X
ClientSampleId :
IBLK

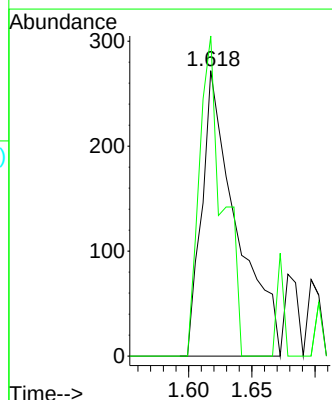
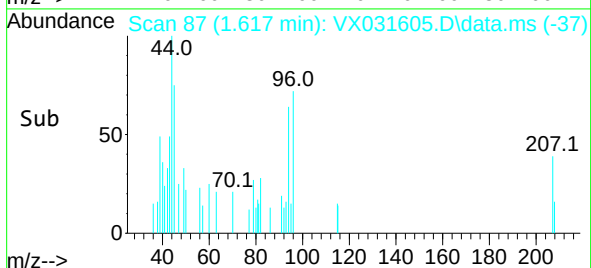
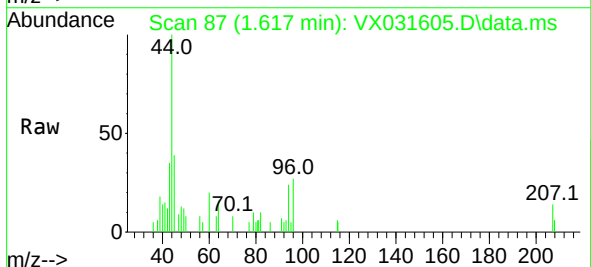


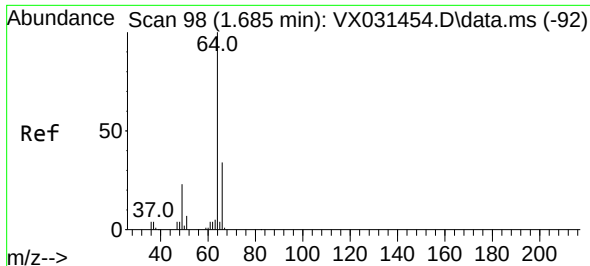
Tgt Ion:168 Resp: 76062
Ion Ratio Lower Upper
168 100
99 50.6 48.8 73.2



#5
Bromomethane
Concen: 0.219 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion: 94 Resp: 517
Ion Ratio Lower Upper
94 100
96 112.1 74.4 111.6#

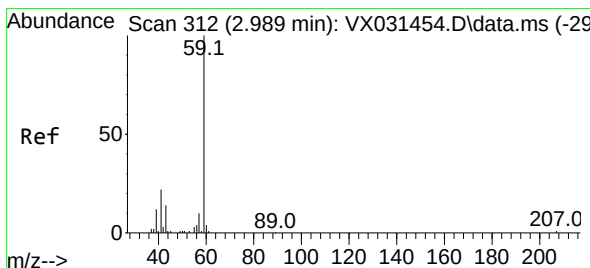
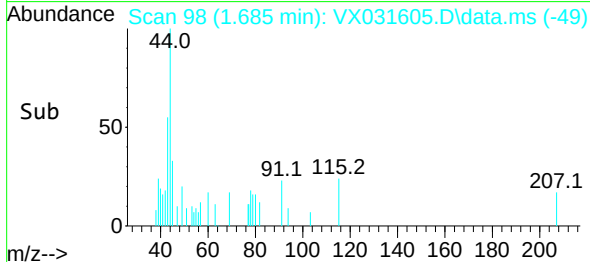
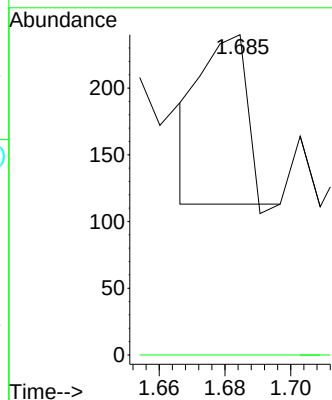
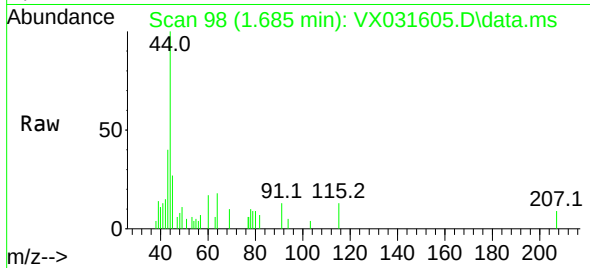




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

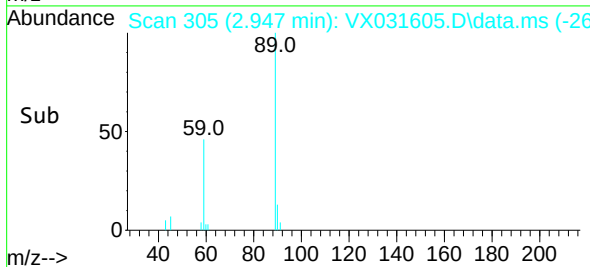
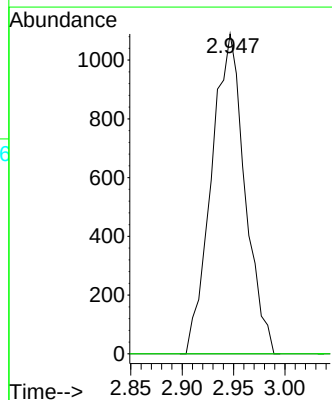
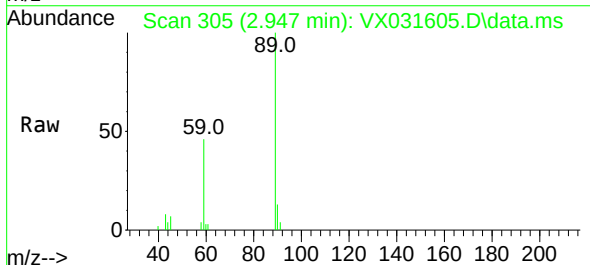
Instrument :
MSVOA_X
ClientSampleId :
IBLK

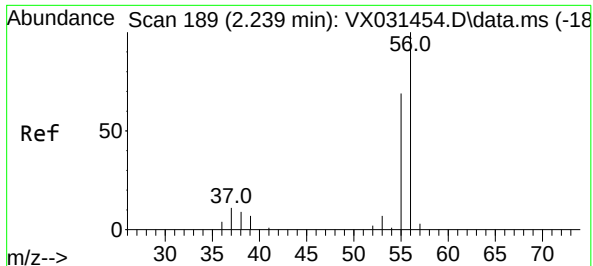
Tgt Ion: 64 Resp: 123
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion: 59 Resp: 2466
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.075 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX031605.D

Acq: 23 Sep 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

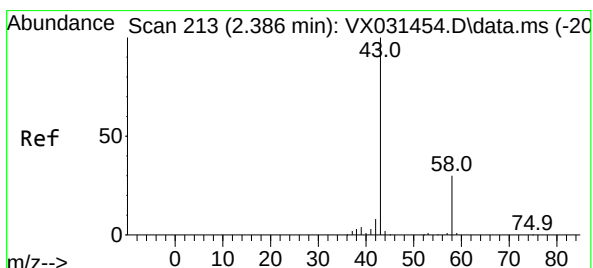
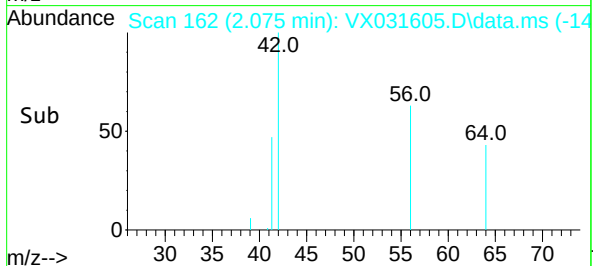
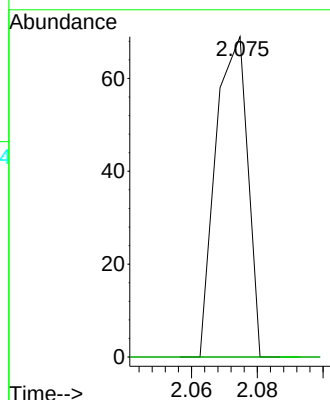
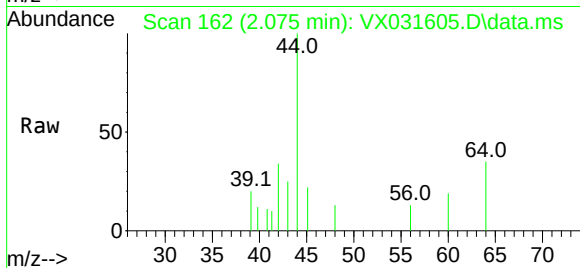
IBLK

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031605.D

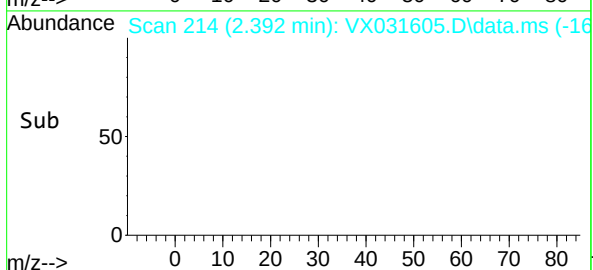
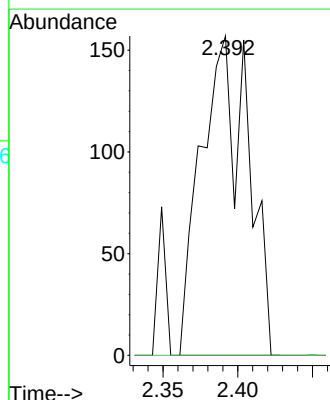
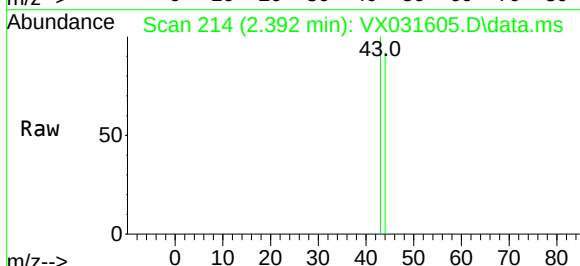
Acq: 23 Sep 2022 06:04

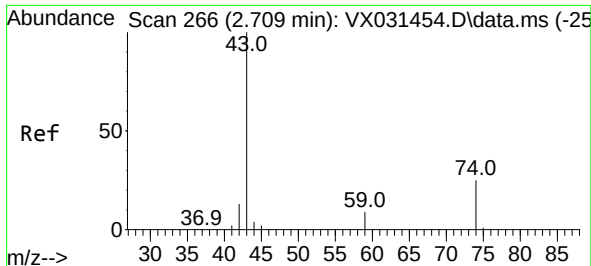
Tgt Ion: 43 Resp: 340

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

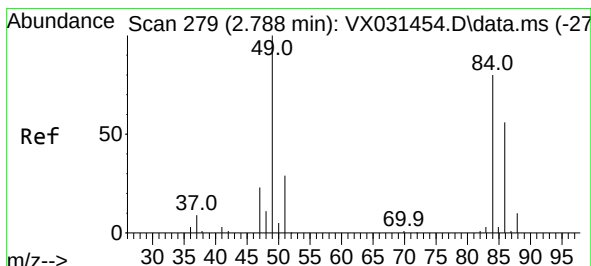
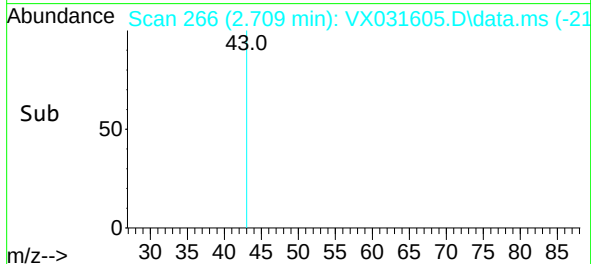
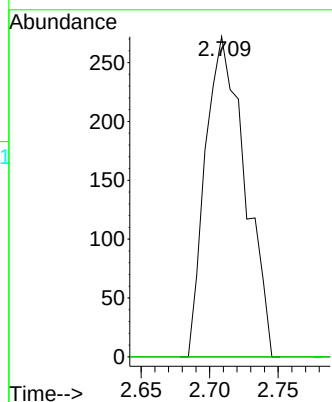
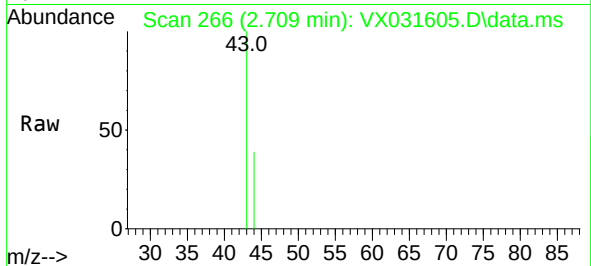




#18
Methyl Acetate
Concen: 0.262 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

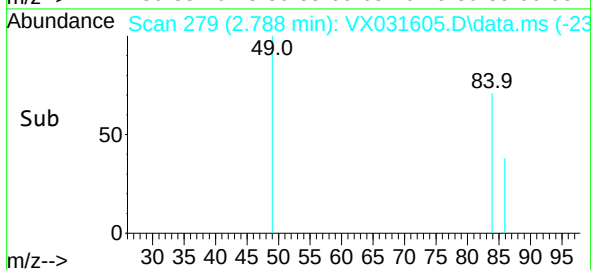
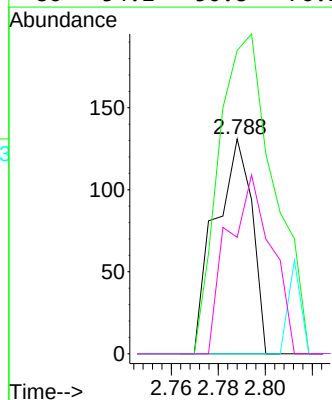
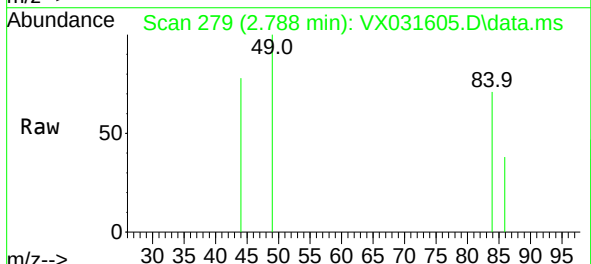
Instrument :
MSVOA_X
ClientSampleId :
IBLK

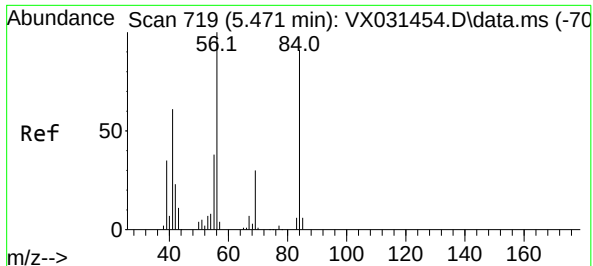
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion: 84 Resp: 143
Ion Ratio Lower Upper
84 100
49 141.2 105.9 158.9
51 0.0 32.2 48.2#
86 54.2 50.8 76.2

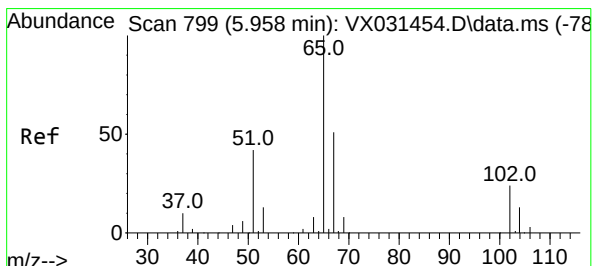
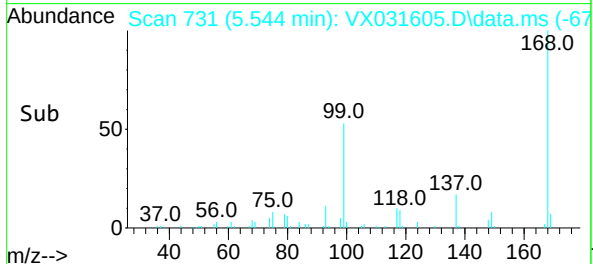
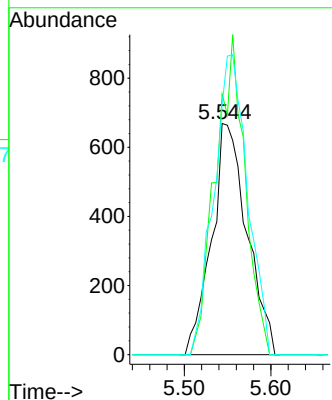
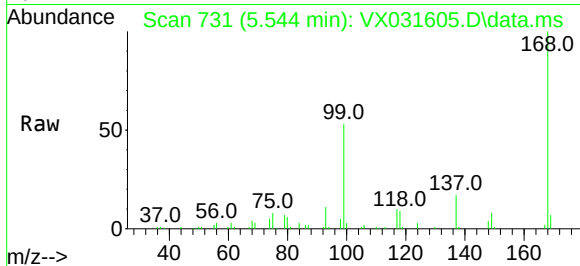




#31
Cyclohexane
Concen: 0.917 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

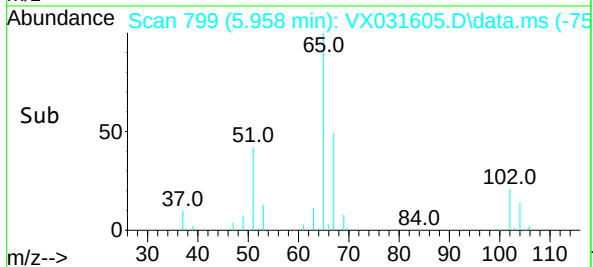
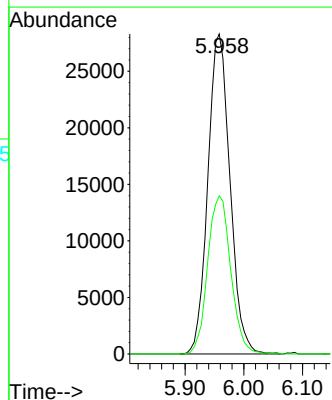
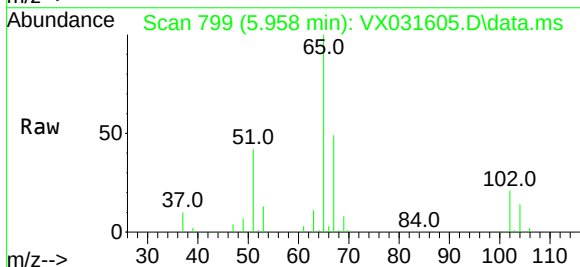
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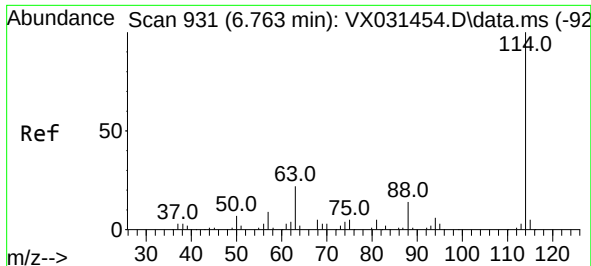
Tgt Ion: 56 Resp: 1897
Ion Ratio Lower Upper
56 100
69 112.7 25.1 37.7#
84 108.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.049 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion: 65 Resp: 74046
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

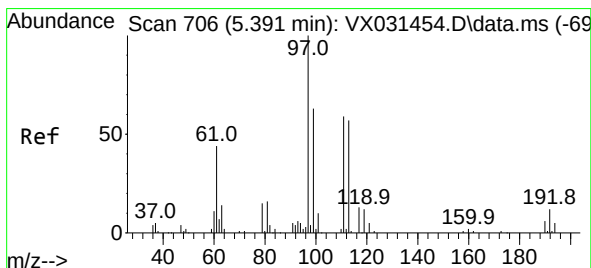
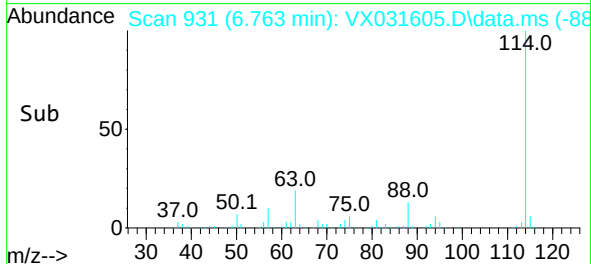
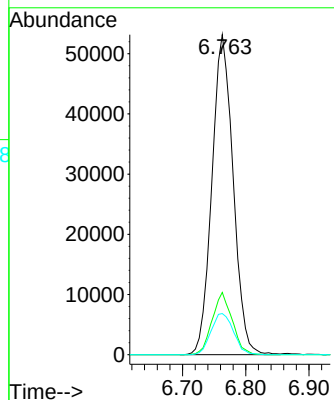
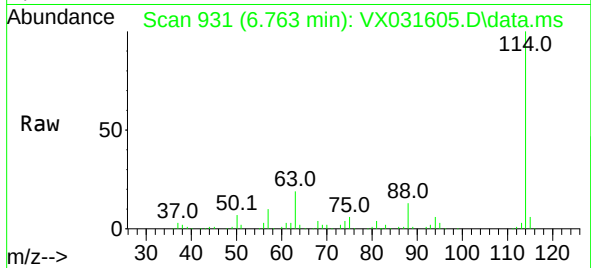




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

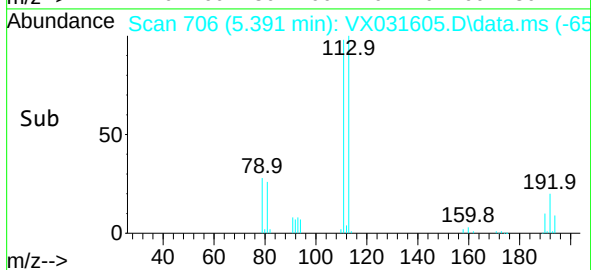
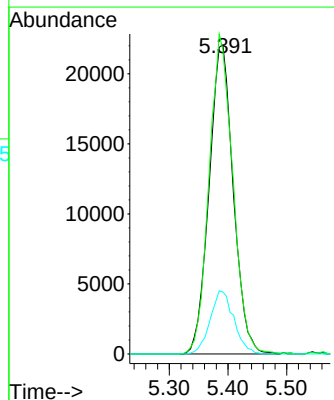
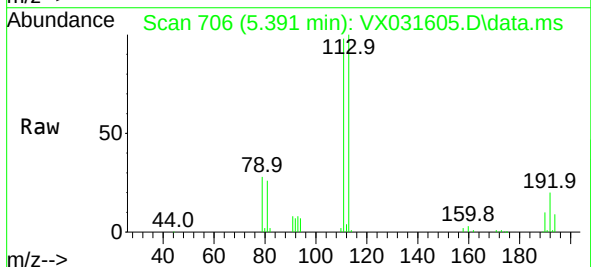
Instrument :
MSVOA_X
ClientSampleId :
IBLK

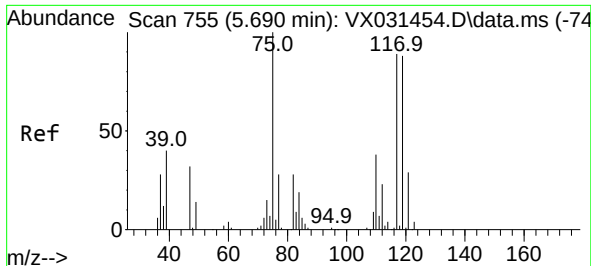
Tgt Ion:114 Resp: 123710
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 12.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.291 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion:113 Resp: 63040
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 20.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.009 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.140 min

Lab File: VX031605.D

Acq: 23 Sep 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

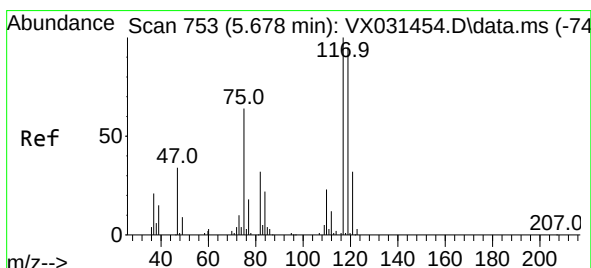
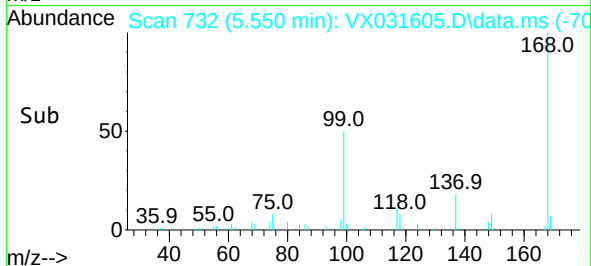
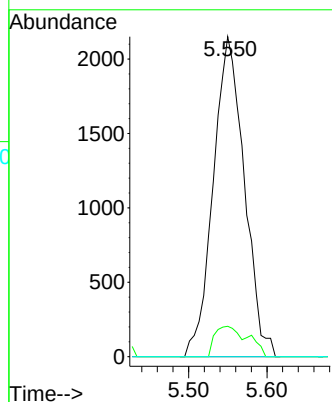
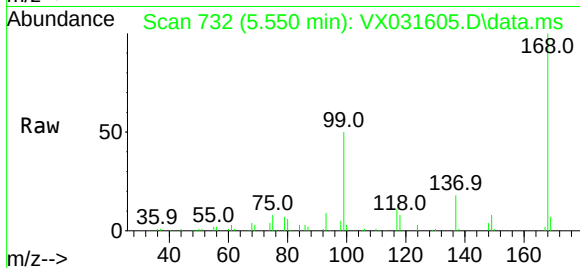
Tgt Ion: 75 Resp: 5916

Ion Ratio Lower Upper

75 100

110 10.1 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.351 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031605.D

Acq: 23 Sep 2022 06:04

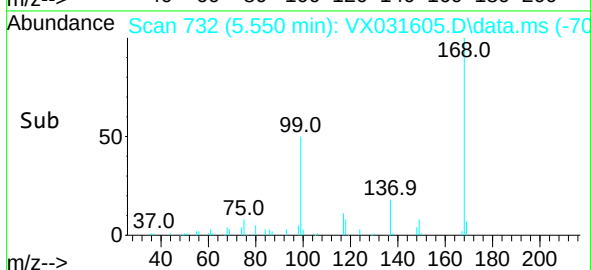
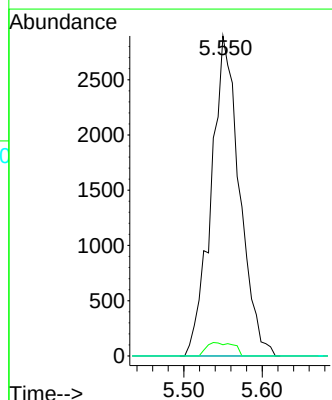
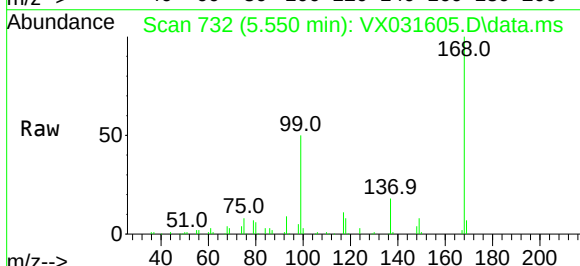
Tgt Ion: 117 Resp: 7305

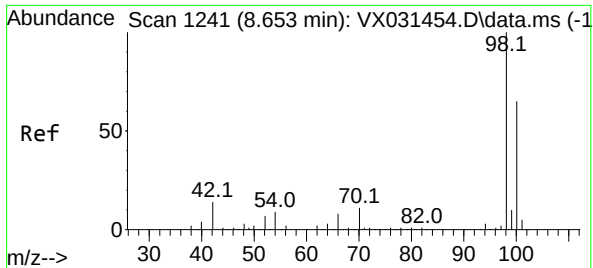
Ion Ratio Lower Upper

117 100

119 3.5 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.689 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031605.D

Acq: 23 Sep 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

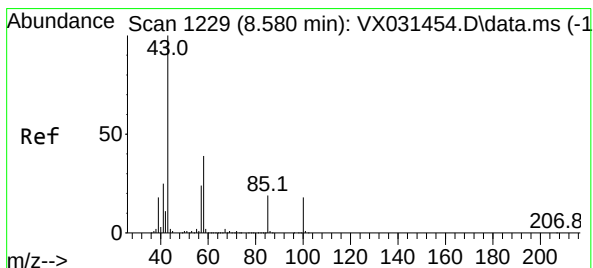
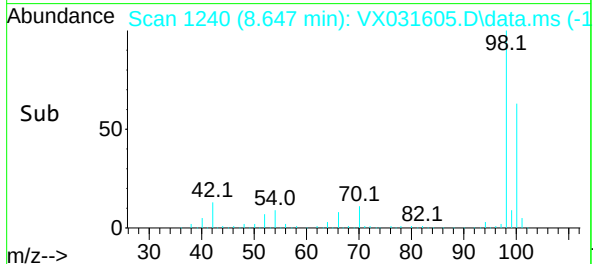
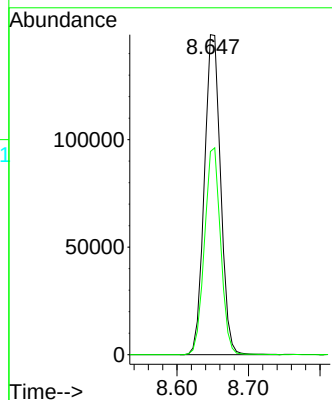
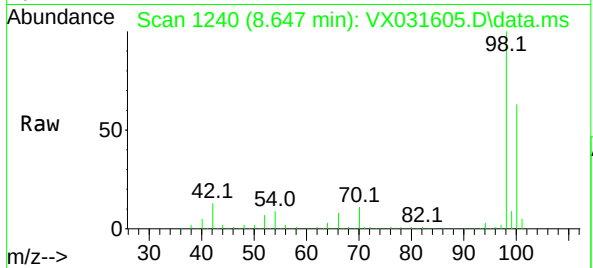
IBLK

Tgt Ion: 98 Resp: 235045

Ion Ratio Lower Upper

98 100

100 64.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.521 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031605.D

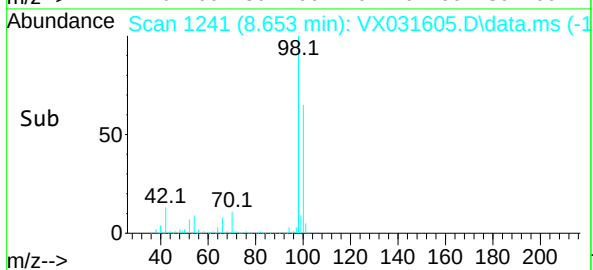
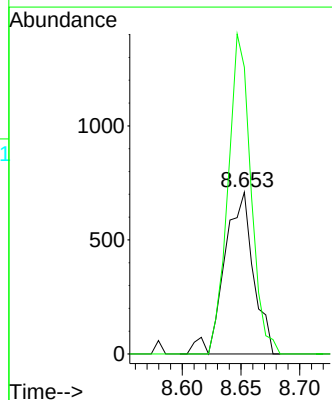
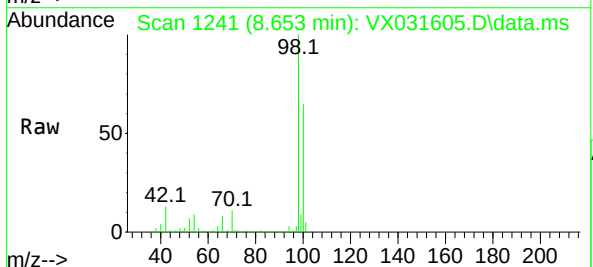
Acq: 23 Sep 2022 06:04

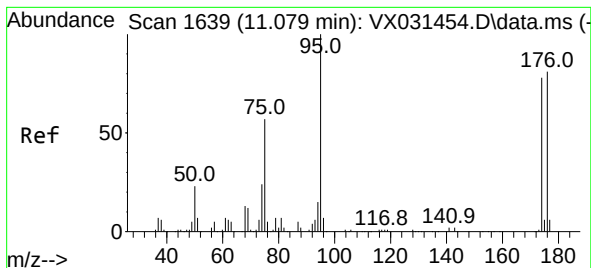
Tgt Ion: 43 Resp: 1209

Ion Ratio Lower Upper

43 100

58 157.2 30.6 46.0#

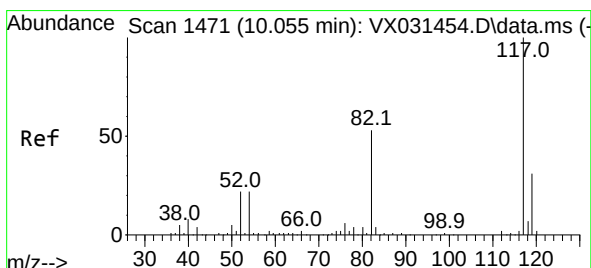
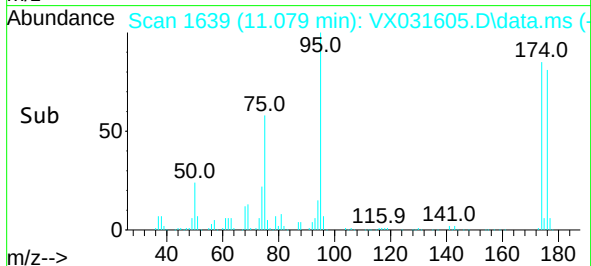
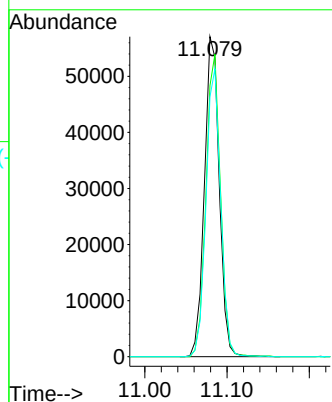
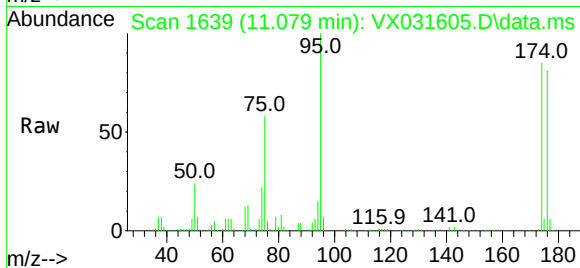




#62
4-Bromofluorobenzene
Concen: 42.972 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

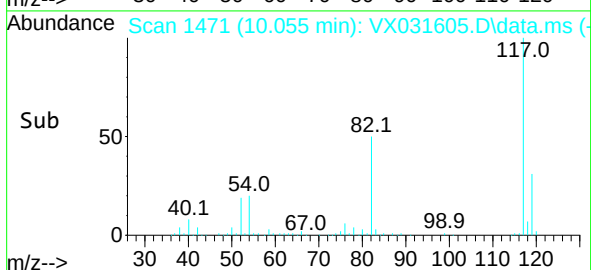
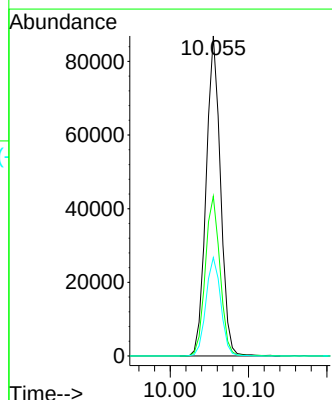
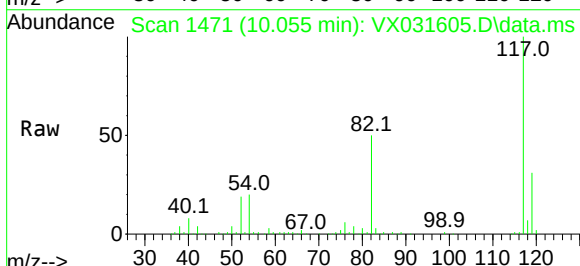
Instrument :
MSVOA_X
ClientSampleId :
IBLK

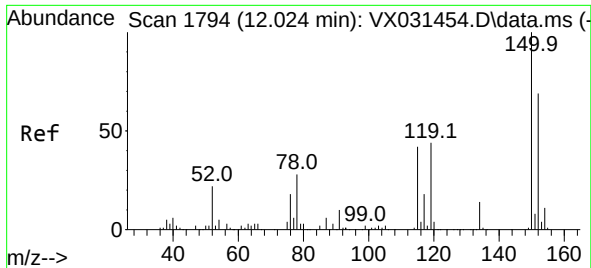
Tgt Ion: 95 Resp: 71742
Ion Ratio Lower Upper
95 100
174 92.6 0.0 153.2
176 88.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion: 117 Resp: 110367
Ion Ratio Lower Upper
117 100
82 49.9 46.8 70.2
119 30.7 26.4 39.6

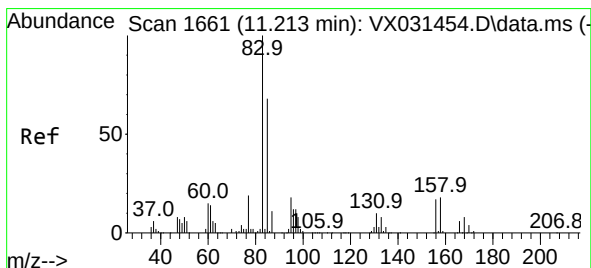
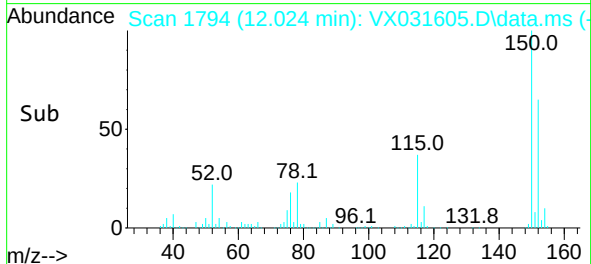
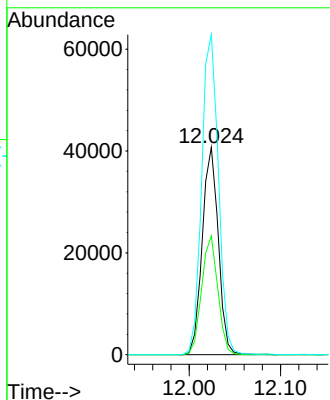
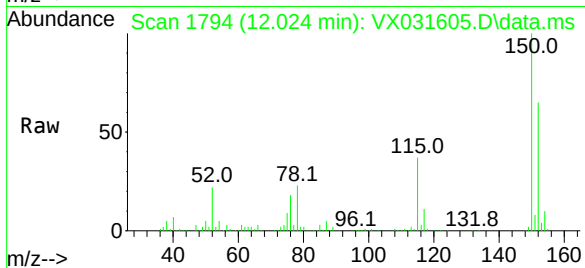




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031605.D
 Acq: 23 Sep 2022 06:04

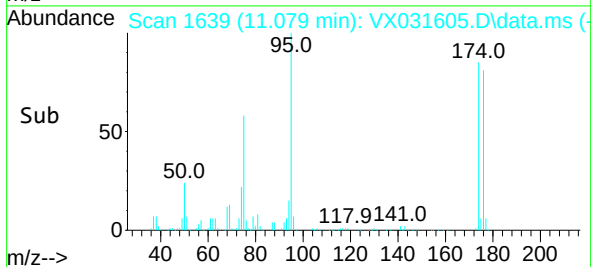
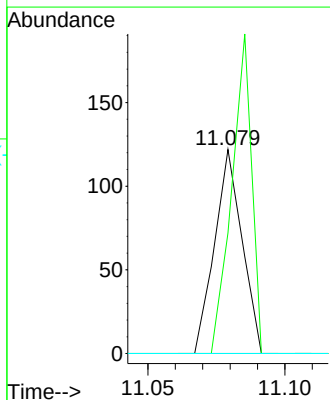
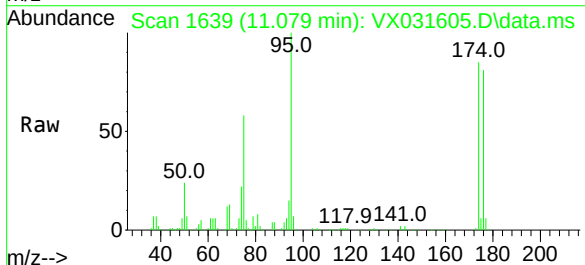
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

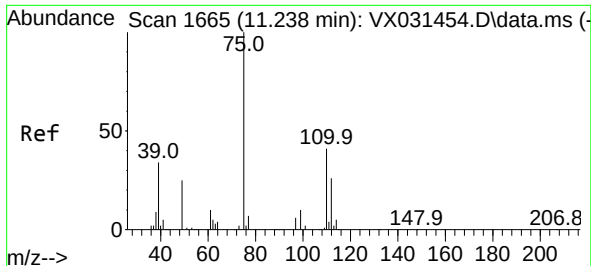
Tgt Ion:152 Resp: 49422
 Ion Ratio Lower Upper
 152 100
 115 57.7 43.4 130.1
 150 161.3 0.0 346.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.134 min
 Lab File: VX031605.D
 Acq: 23 Sep 2022 06:04

Tgt Ion: 83 Resp: 85
 Ion Ratio Lower Upper
 83 100
 131 112.9 5.1 15.4#
 85 0.0 32.6 97.8#

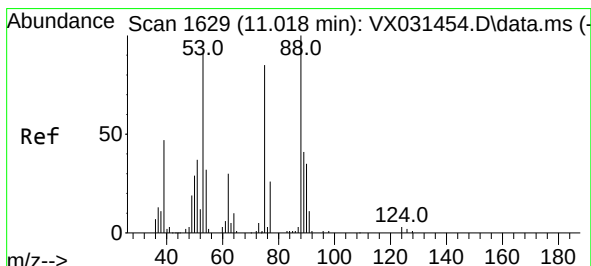
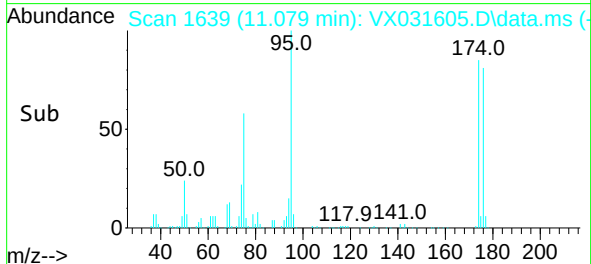
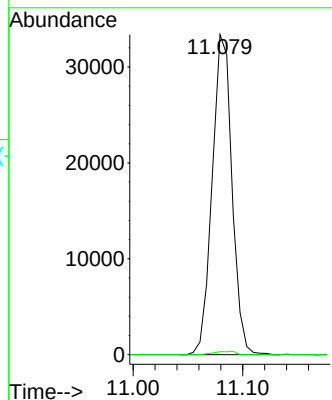
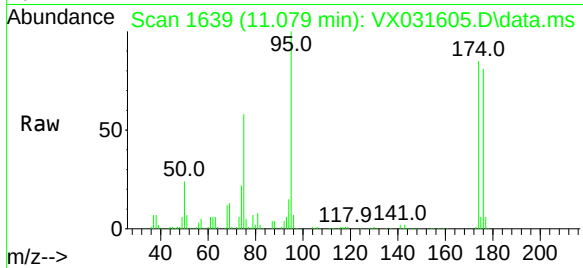




#76
1,2,3-Trichloropropane
Concen: 37.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

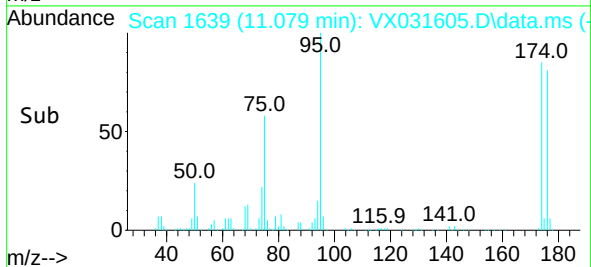
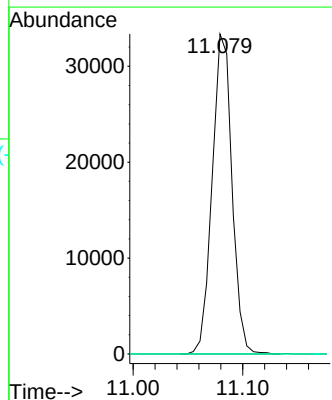
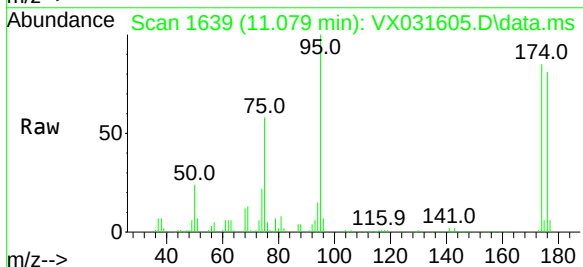
Instrument :
MSVOA_X
ClientSampleId :
IBLK

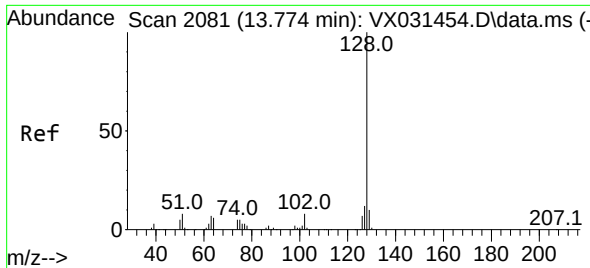
Tgt Ion: 75 Resp: 41852
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031605.D
Acq: 23 Sep 2022 06:04

Tgt Ion: 75 Resp: 41852
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#95

Naphthalene

Concen: 1.390 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031605.D

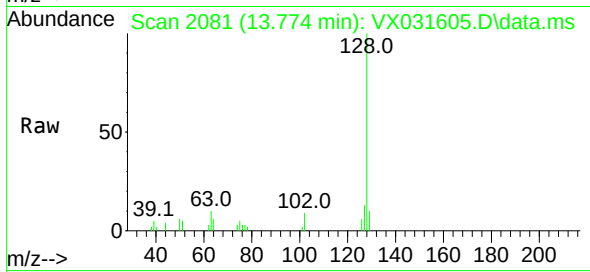
Acq: 23 Sep 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 4923

Ion Ratio Lower Upper

128 100

127 11.2 10.4 15.6

129 10.4 8.8 13.2

