

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031777.D
 Acq On : 29 Sep 2022 16:42
 Operator : JC/MD
 Sample : N4860-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-09-27

Quant Time: Sep 30 04:34:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

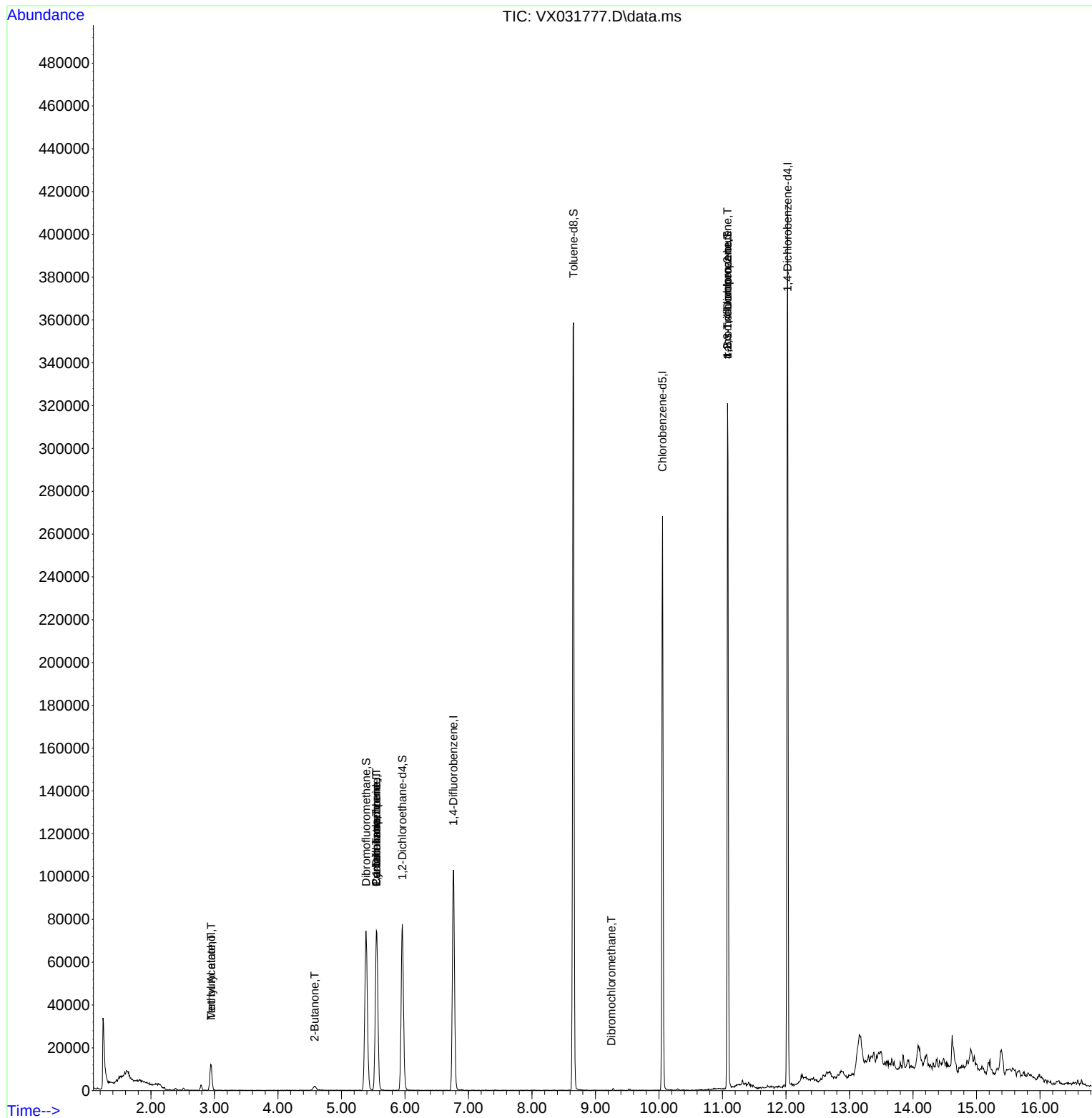
Internal Standards						
1) Pentafluorobenzene	5.550	168	72904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71767	46.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	63022	47.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.653	98	221889	46.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	11.079	95	82513	46.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	965	Below Cal	#	41
5) Bromomethane	1.618	94	439	Below Cal		100
6) Chloroethane	1.721	64	492	Below Cal	#	50
11) Tert butyl alcohol	2.947	59	6970	6.875	ug/l #	73
16) Acetone	2.386	43	1195	Below Cal		96
17) Carbon Disulfide	2.514	76	1289	Below Cal	#	75
18) Methyl Acetate	2.947	43	982	0.706	ug/l #	58
20) Methylene Chloride	2.788	84	1237	Below Cal	#	90
25) 2-Butanone	4.574	43	166	0.225	ug/l #	49
31) Cyclohexane	5.550	56	1581	1.075	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5463	3.597	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7388	4.316	ug/l #	17
60) Dibromochloromethane	9.250	129	22	1.554	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	42868	27.809	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42868	91.884	ug/l #	11

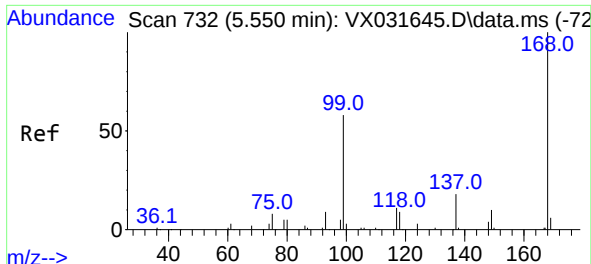
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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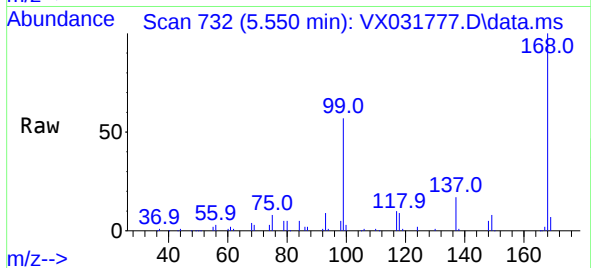
Quant Time: Sep 30 04:34:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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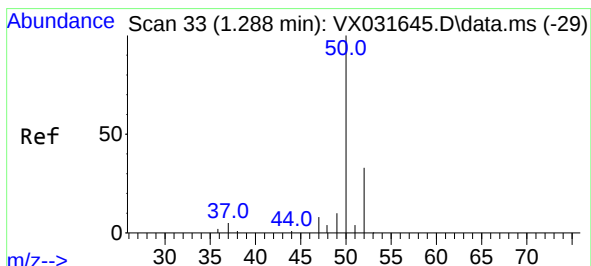
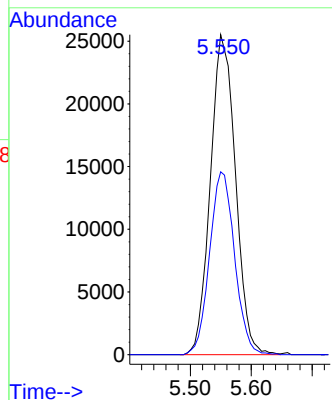


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

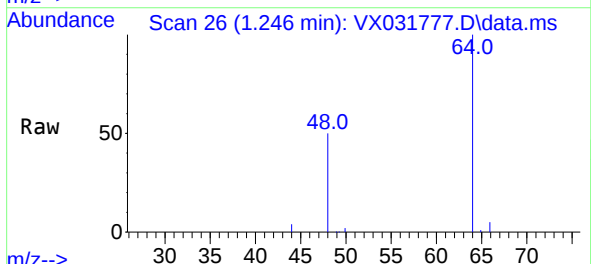
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27



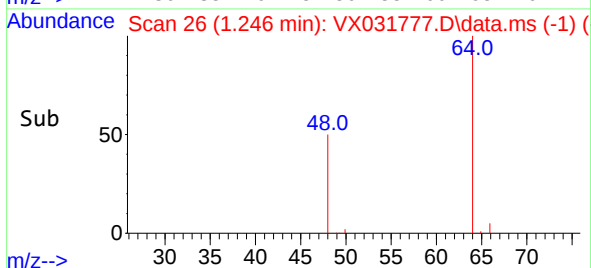
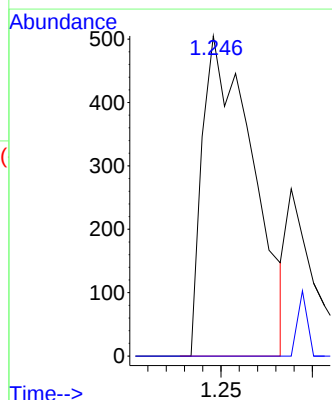
Tgt Ion:168 Resp: 72904
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2

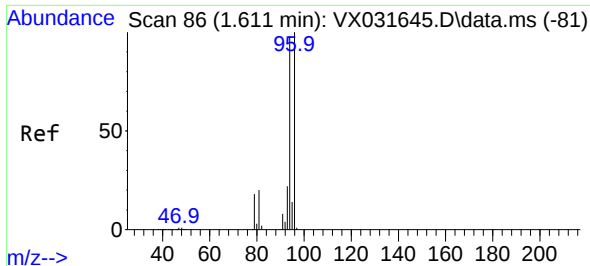


#3
Chloromethane
Concen: Below Cal
RT: 1.246 min Scan# 26
Delta R.T. -0.042 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42



Tgt Ion: 50 Resp: 965
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

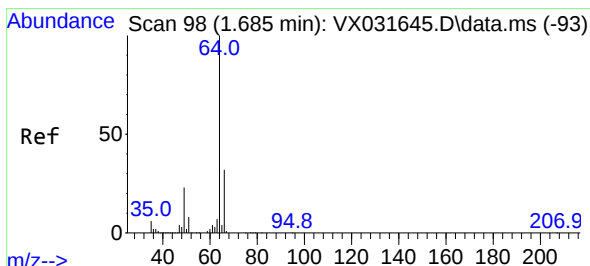
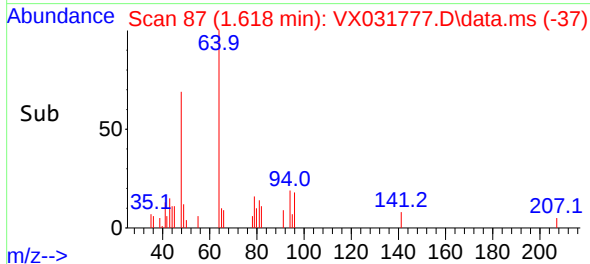
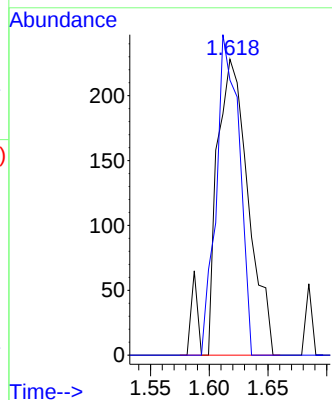
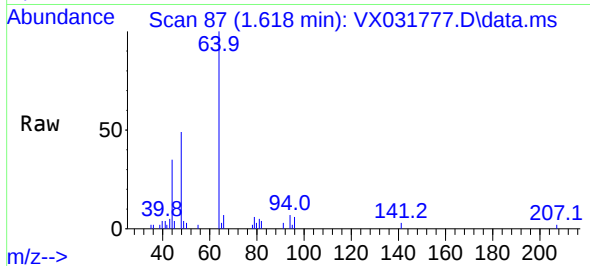




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

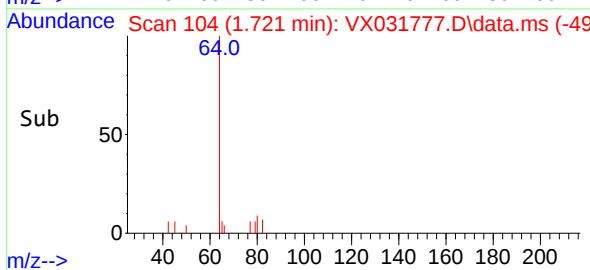
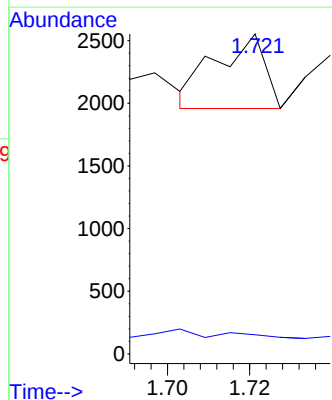
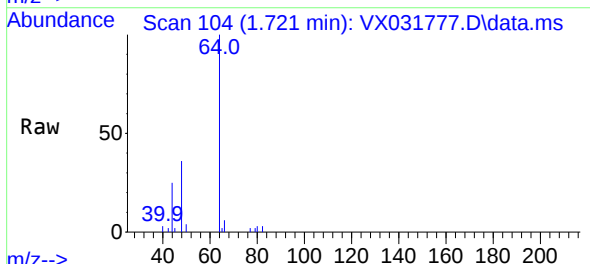
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

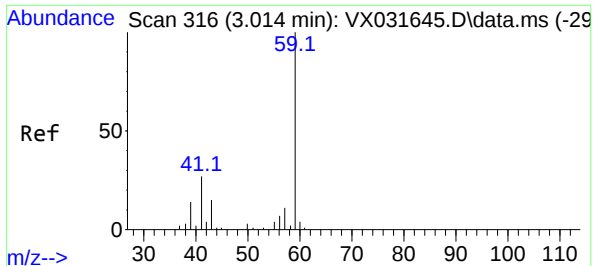
Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 93.0 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

Tgt Ion: 64 Resp: 492
Ion Ratio Lower Upper
64 100
66 3.4 25.0 37.4#





#11

Tert butyl alcohol

Concen: 6.875 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX031777.D

Acq: 29 Sep 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

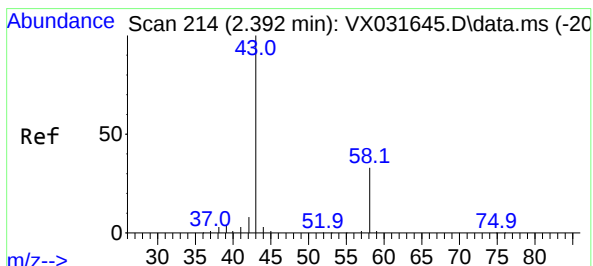
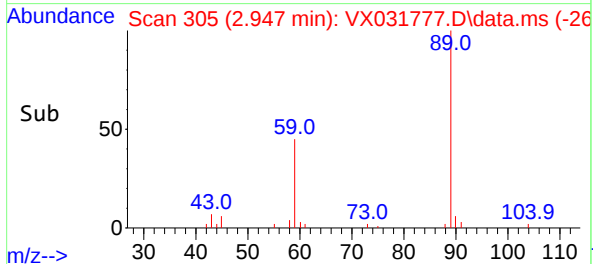
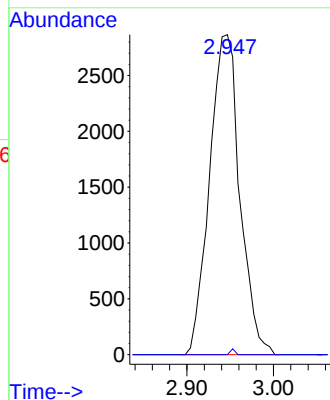
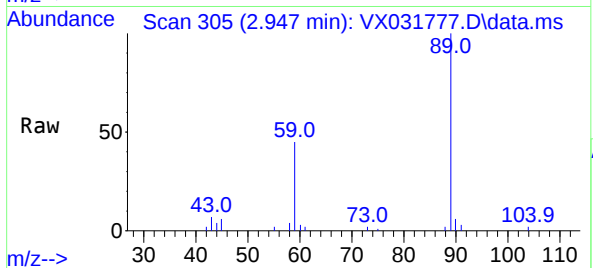
EB-2022-09-27

Tgt Ion: 59 Resp: 6970

Ion Ratio Lower Upper

59 100

57 0.3 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031777.D

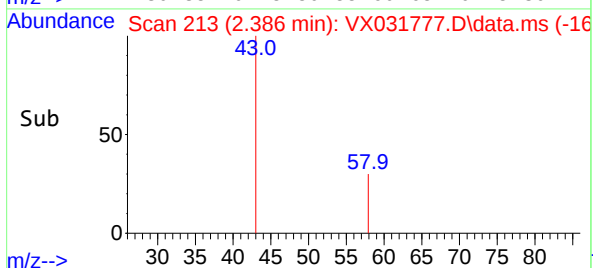
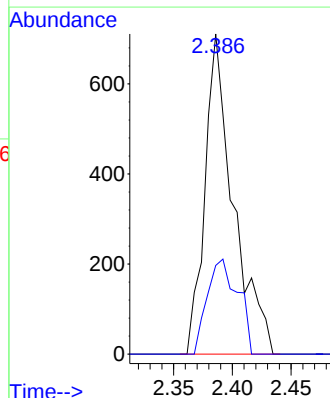
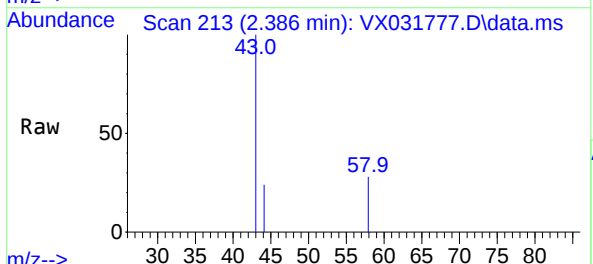
Acq: 29 Sep 2022 16:42

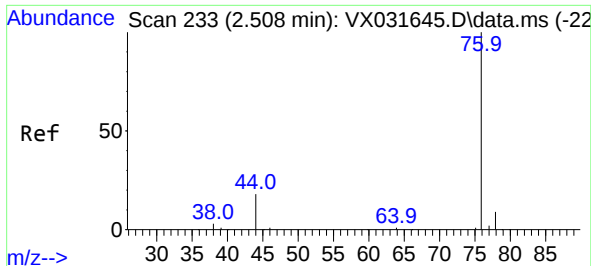
Tgt Ion: 43 Resp: 1195

Ion Ratio Lower Upper

43 100

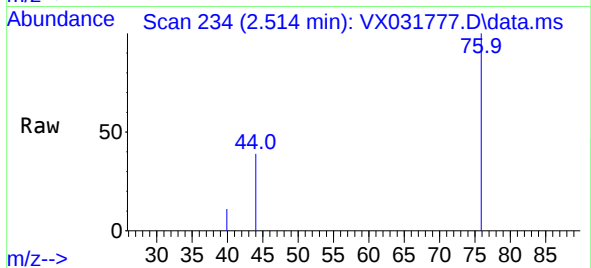
58 27.7 23.8 35.8



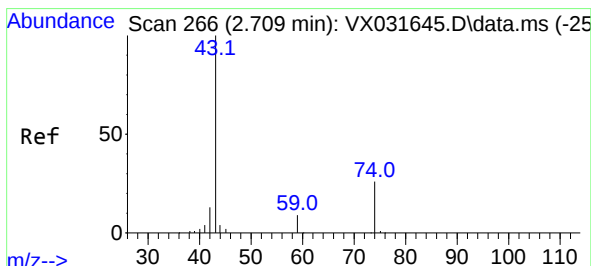
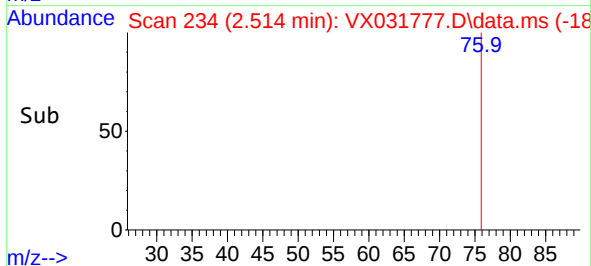
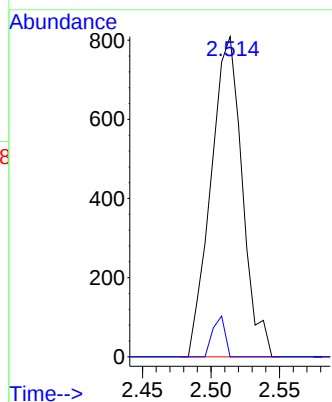


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

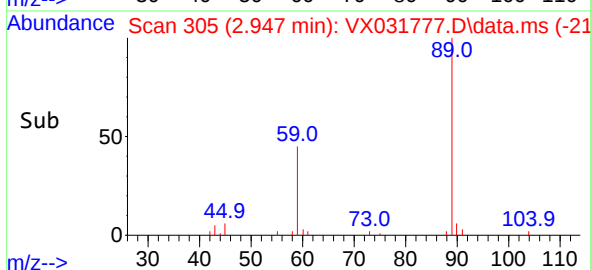
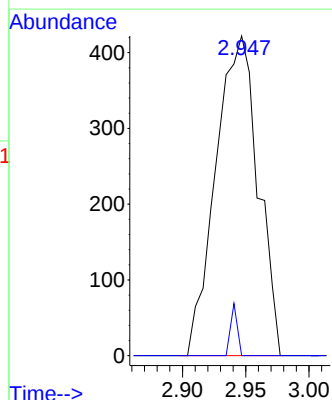
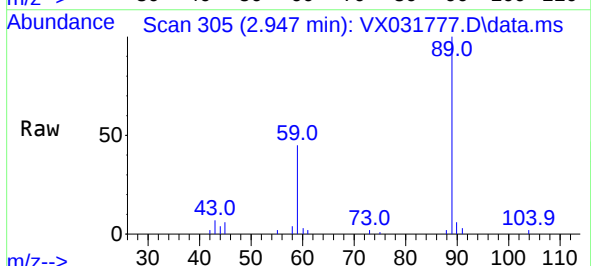


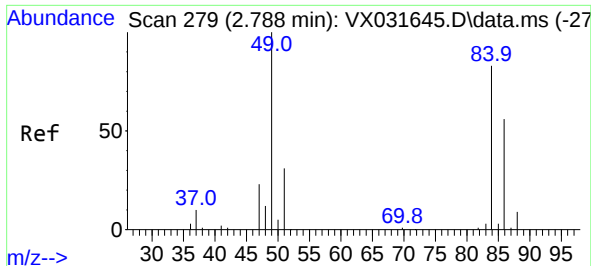
Tgt Ion: 76 Resp: 1289
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.706 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.238 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
74 2.5 18.6 27.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031777.D

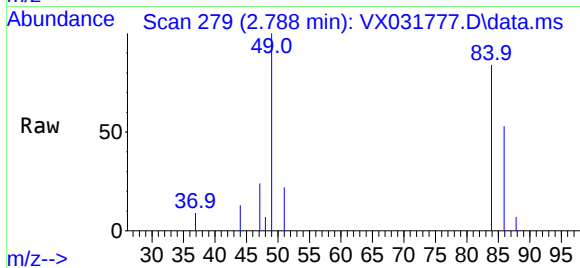
Acq: 29 Sep 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-09-27



Tgt Ion: 84 Resp: 1237

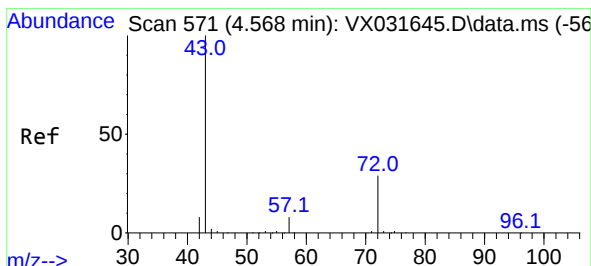
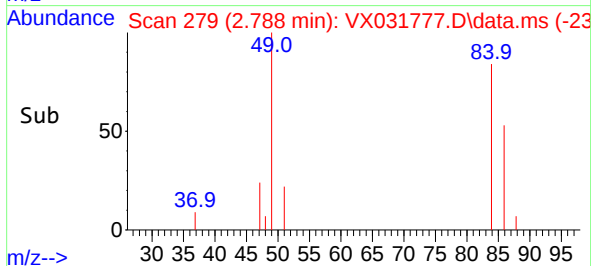
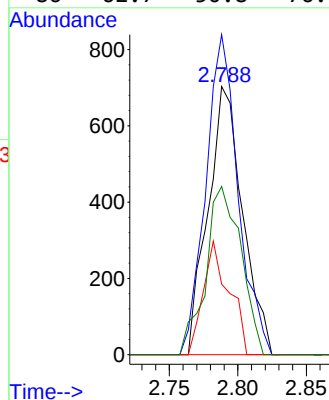
Ion Ratio Lower Upper

84 100

49 119.3 105.9 158.9

51 26.3 32.2 48.2#

86 62.7 50.8 76.2



#25

2-Butanone

Concen: 0.225 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX031777.D

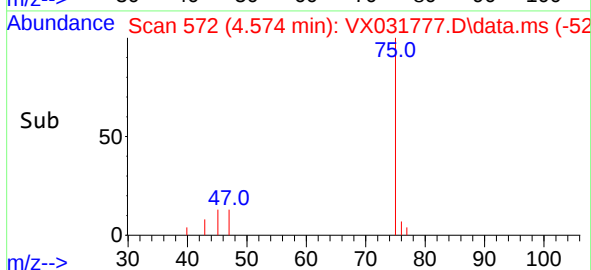
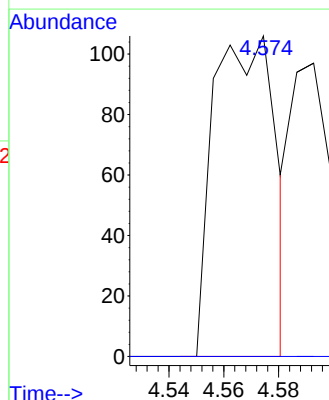
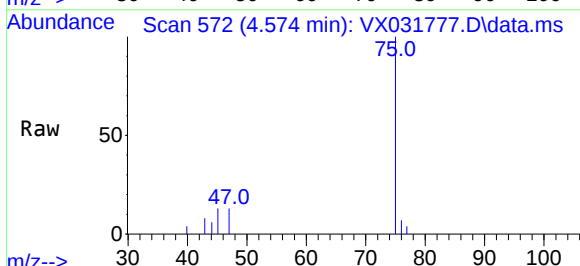
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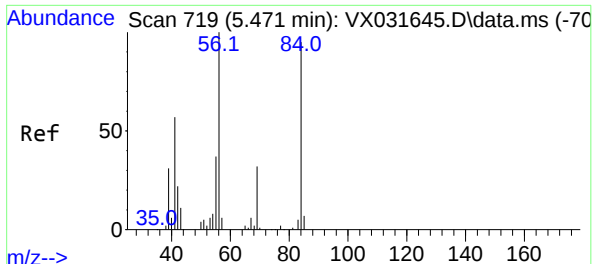
Tgt Ion: 43 Resp: 166

Ion Ratio Lower Upper

43 100

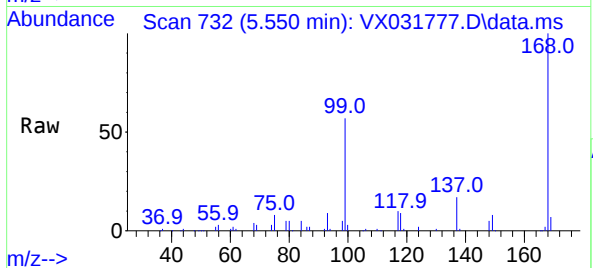
72 0.0 21.1 31.7#



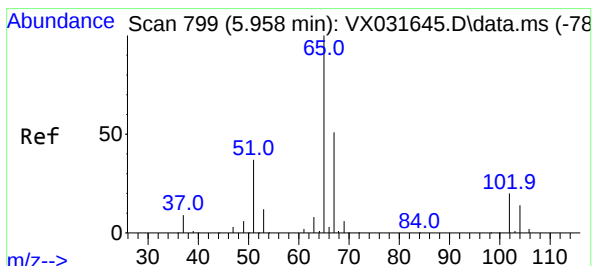
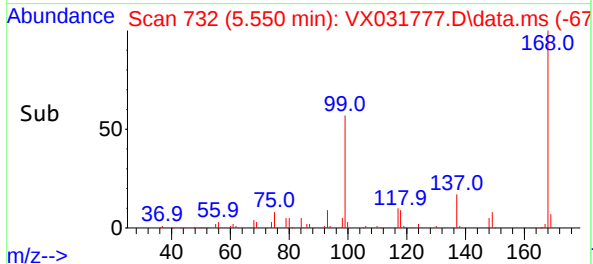
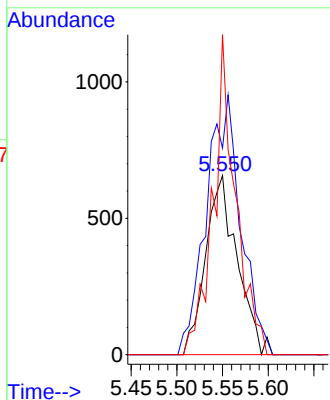


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
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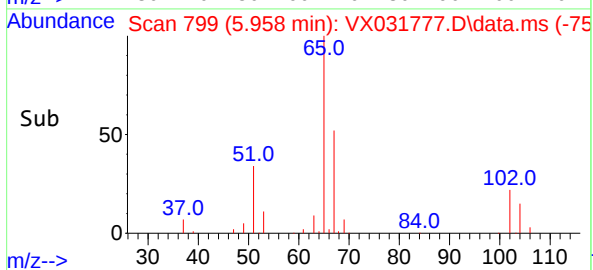
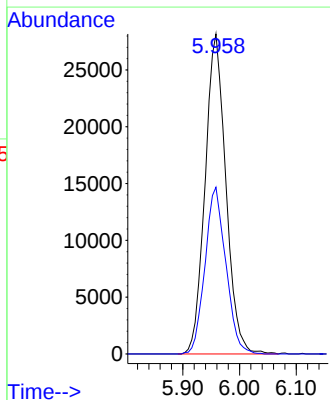
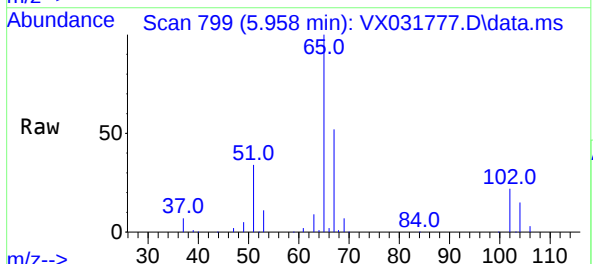


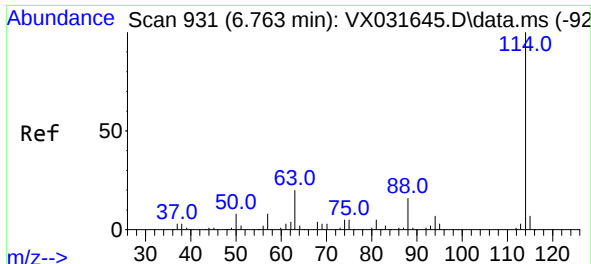
Tgt Ion: 56 Resp: 1581
Ion Ratio Lower Upper
56 100
69 115.2 25.1 37.7#
84 178.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 46.381 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

Tgt Ion: 65 Resp: 71767
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4

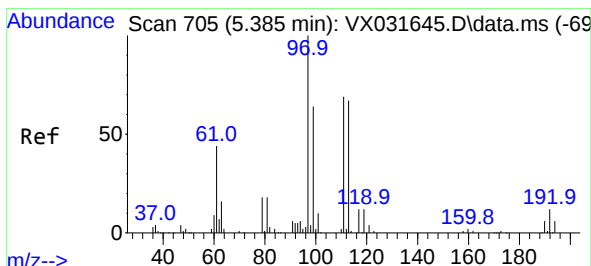
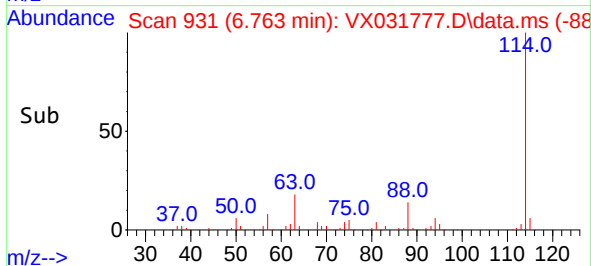
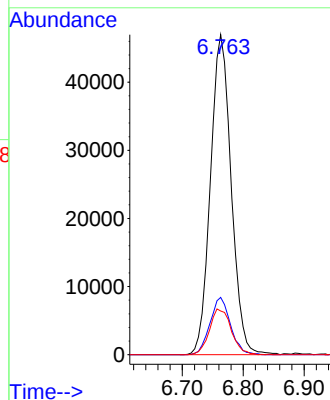
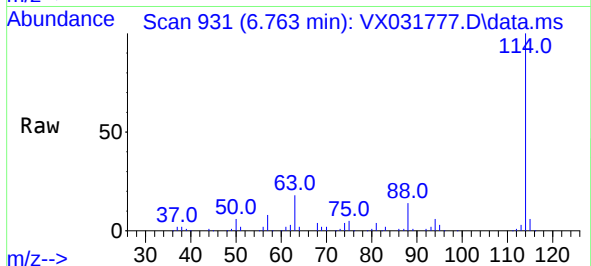




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

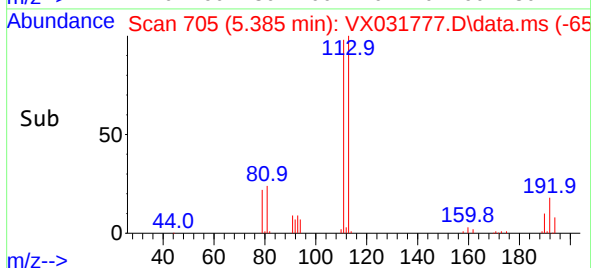
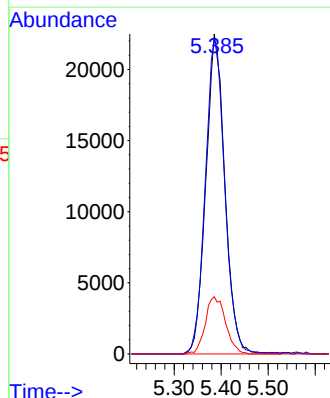
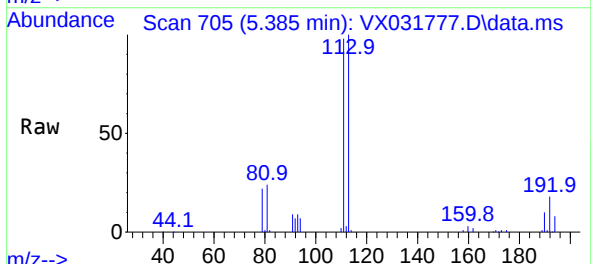
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

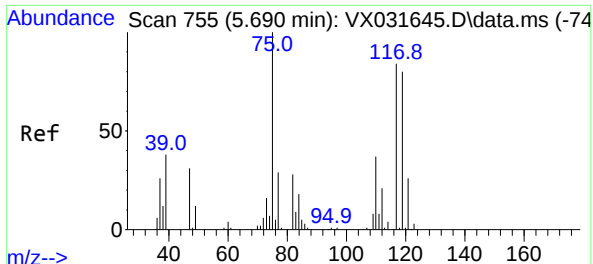
Tgt Ion:114 Resp: 110995
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.6
88 13.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

Tgt Ion:113 Resp: 63022
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 19.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.597 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031777.D

Acq: 29 Sep 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-09-27

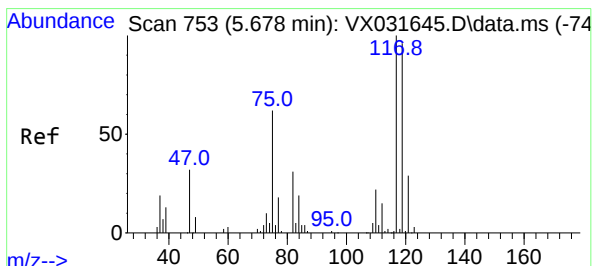
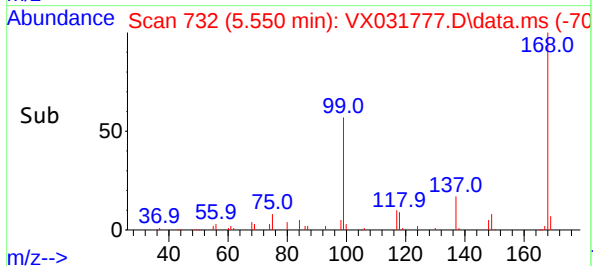
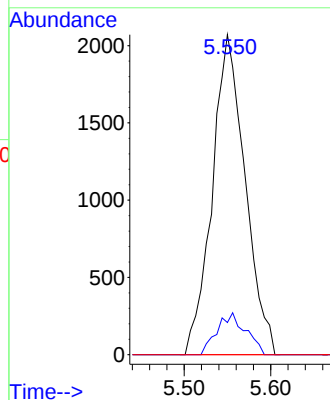
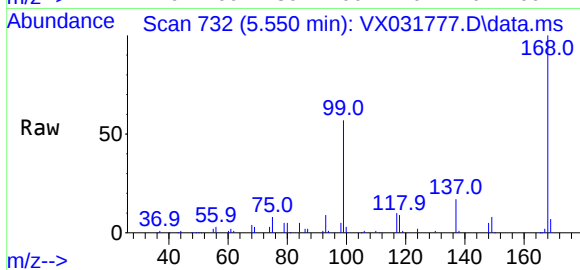
Tgt Ion: 75 Resp: 5463

Ion Ratio Lower Upper

75 100

110 11.4 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.316 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031777.D

Acq: 29 Sep 2022 16:42

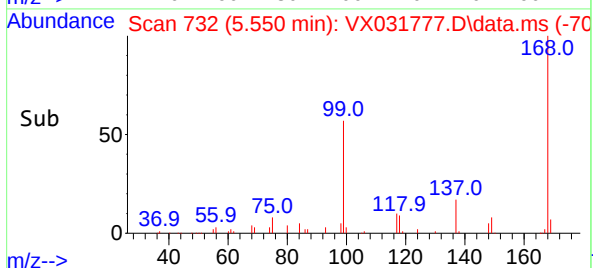
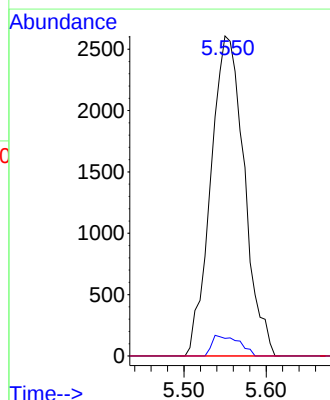
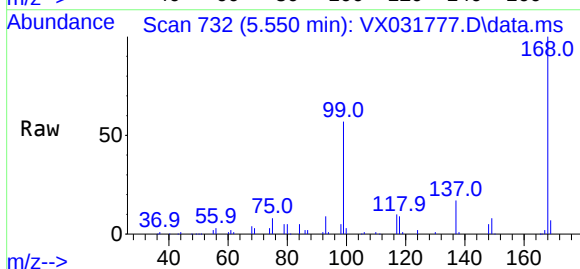
Tgt Ion: 117 Resp: 7388

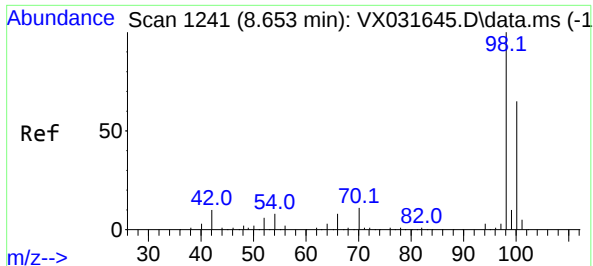
Ion Ratio Lower Upper

117 100

119 5.5 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 46.278 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031777.D

Acq: 29 Sep 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

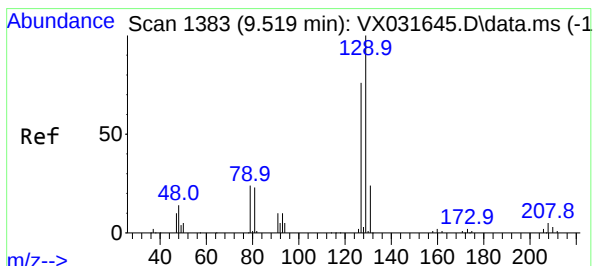
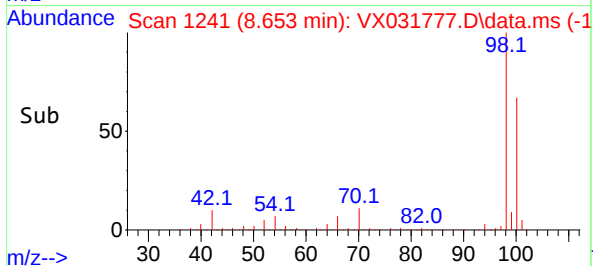
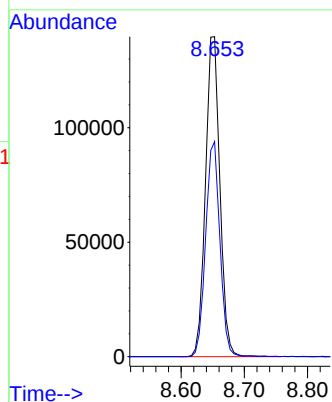
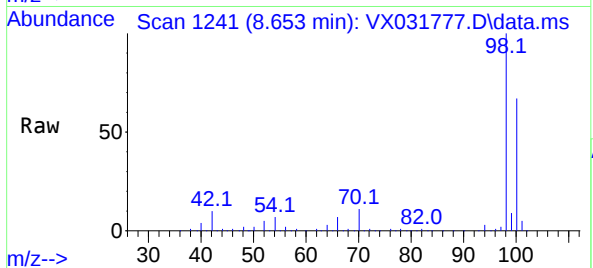
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Tgt Ion: 98 Resp: 221889

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#60

Dibromochloromethane

Concen: 1.554 ug/l

RT: 9.250 min Scan# 1339

Delta R.T. -0.275 min

Lab File: VX031777.D

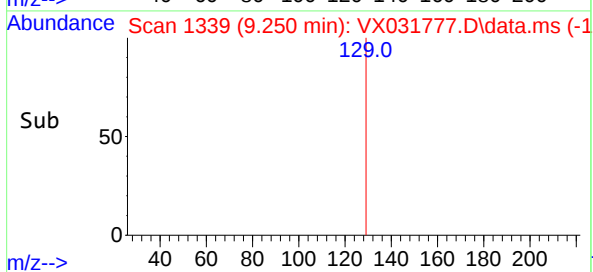
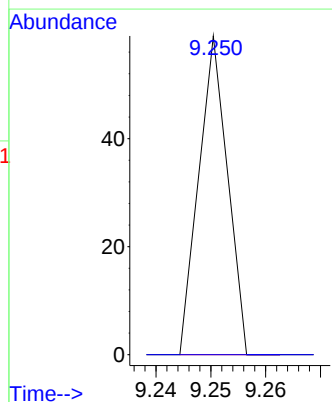
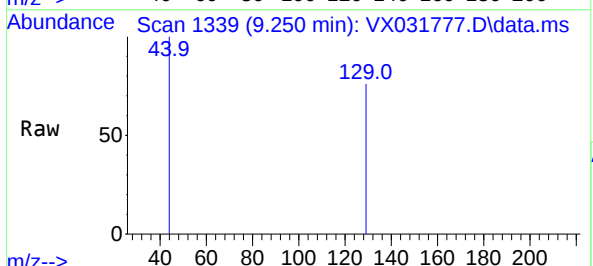
Acq: 29 Sep 2022 16:42

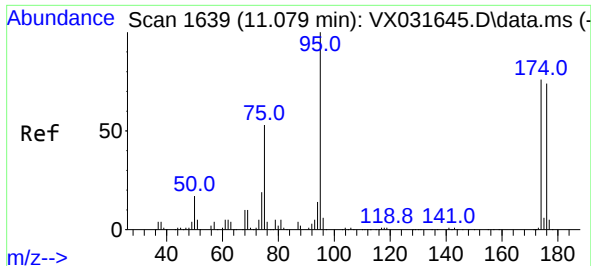
Tgt Ion:129 Resp: 22

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#

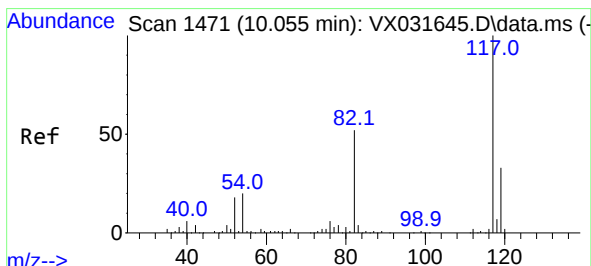
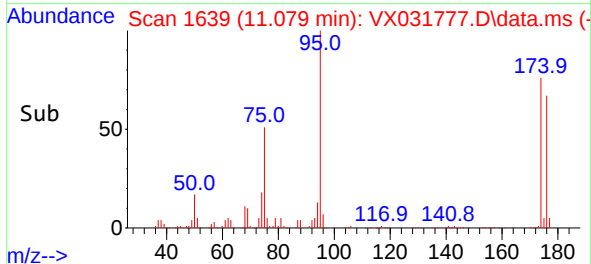
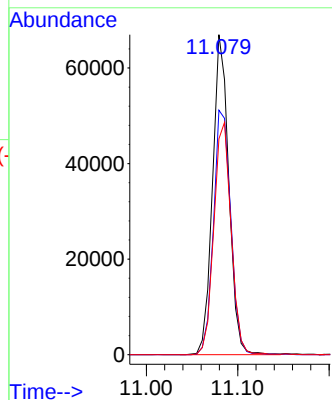
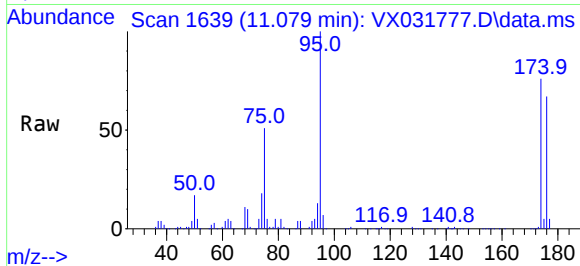




#62
4-Bromofluorobenzene
Concen: 46.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

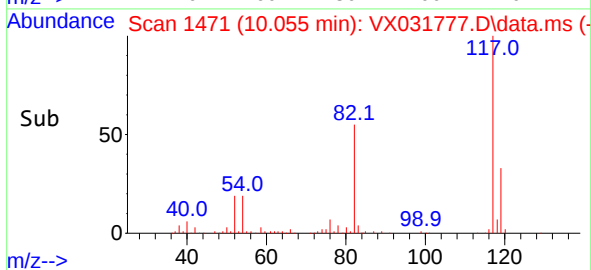
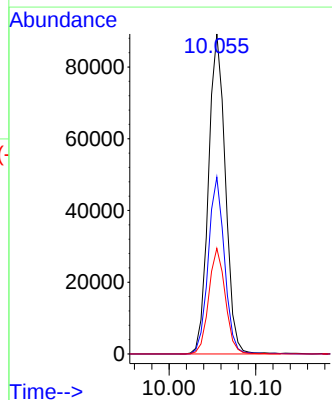
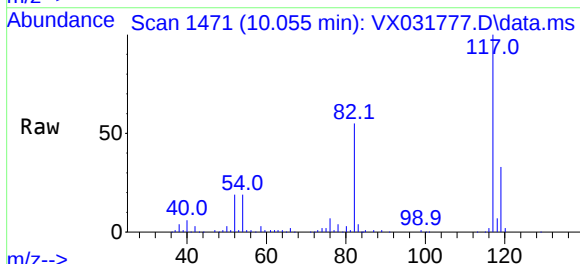
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27

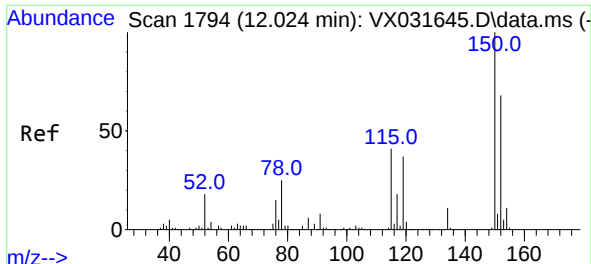
Tgt Ion: 95 Resp: 82513
Ion Ratio Lower Upper
95 100
174 81.5 0.0 153.2
176 77.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

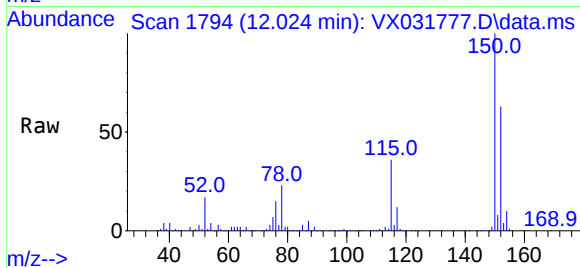
Tgt Ion: 117 Resp: 120789
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 33.0 26.4 39.6



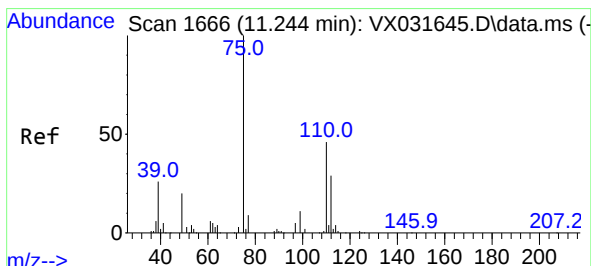
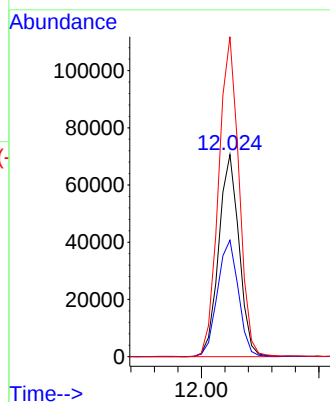
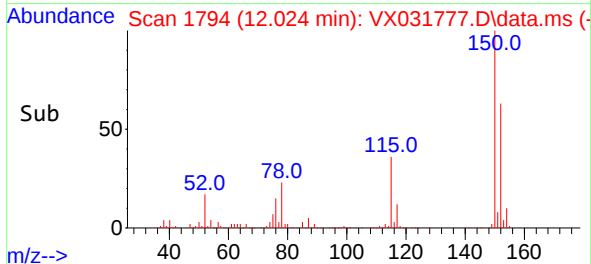


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42

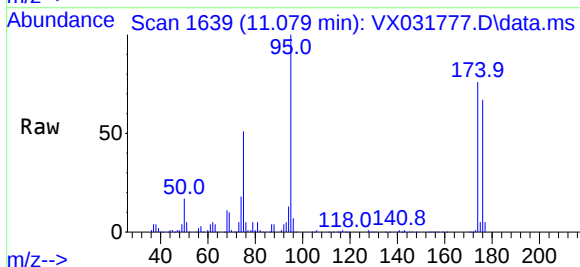
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-09-27



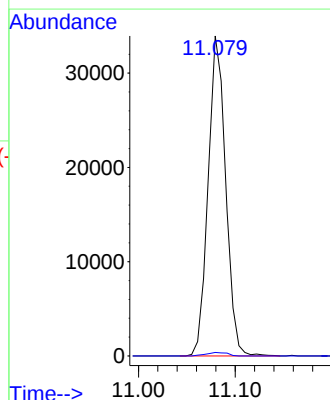
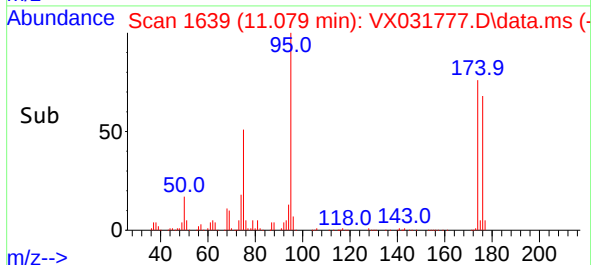
Tgt Ion:152 Resp: 85031
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 159.1 0.0 346.8

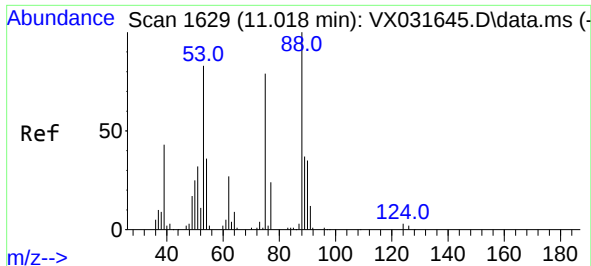


#76
1,2,3-Trichloropropane
Concen: 27.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031777.D
Acq: 29 Sep 2022 16:42



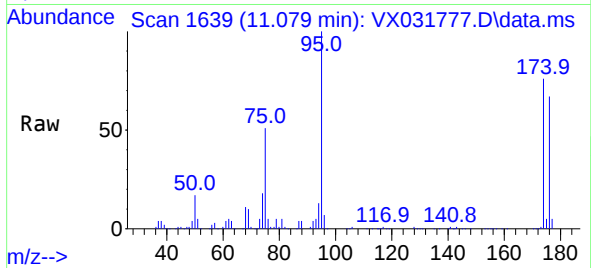
Tgt Ion: 75 Resp: 42868
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.884 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031777.D
 Acq: 29 Sep 2022 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-09-27



Tgt Ion: 75 Resp: 42868
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 37.4 56.0#

