

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031756.D
 Acq On : 29 Sep 2022 03:43
 Operator : JC/MD
 Sample : PB147944ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147944ZHE#03

Quant Time: Sep 29 04:37:44 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)

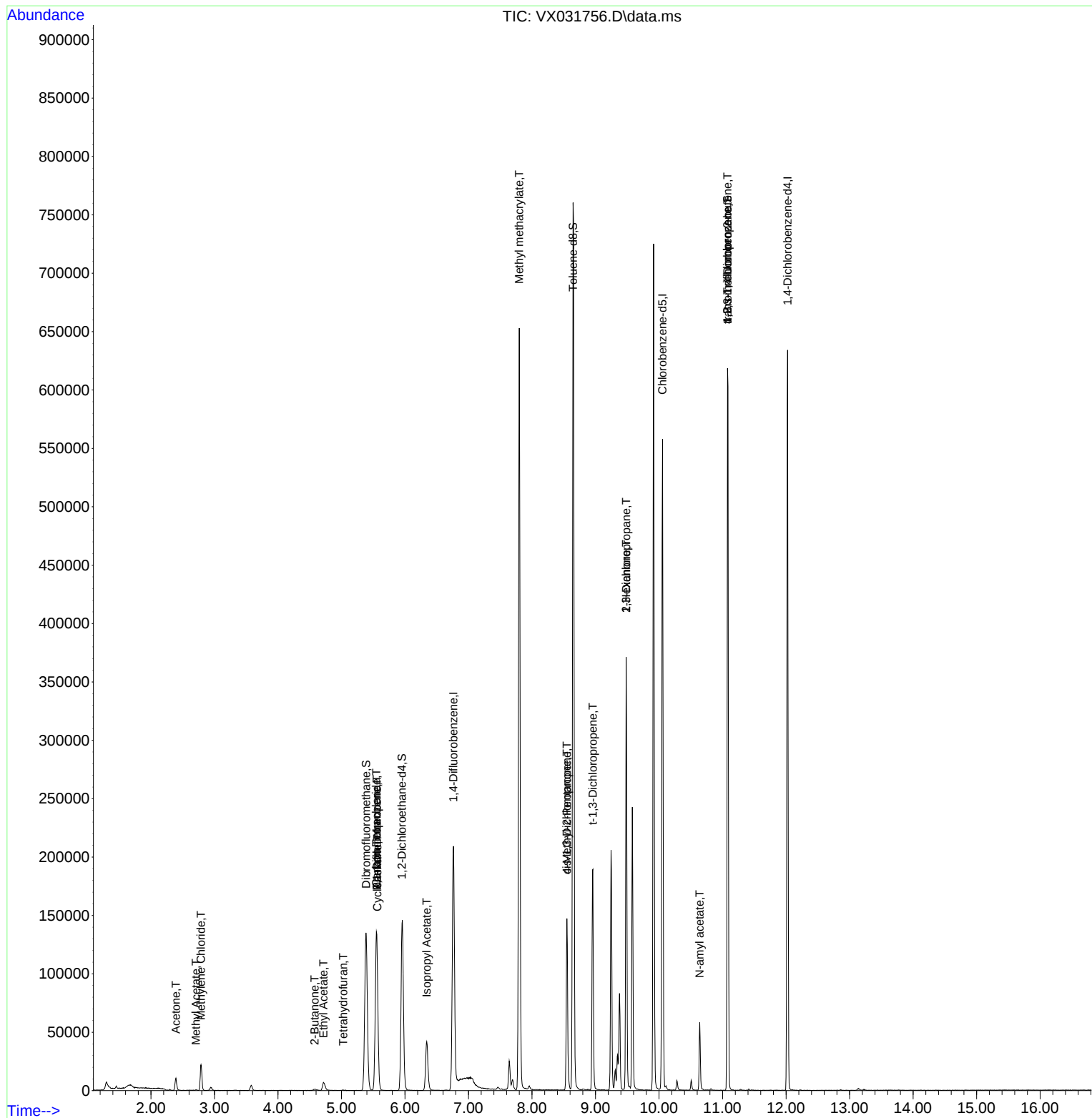
Internal Standards						
1) Pentafluorobenzene	5.556	168	128898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138850	50.754	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.500%
35) Dibromofluoromethane	5.385	113	114618	44.130	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.260%
50) Toluene-d8	8.647	98	465340	49.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	161886	46.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.820%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	354	Below Cal	#	41
5) Bromomethane	1.612	94	376	Below Cal	#	80
6) Chloroethane	1.685	64	219	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1650	Below Cal	#	73
16) Acetone	2.392	43	12247	0.350	ug/l	98
17) Carbon Disulfide	2.514	76	135	Below Cal	#	75
18) Methyl Acetate	2.709	43	883	0.359	ug/l	# 77
20) Methylene Chloride	2.788	84	10302	4.412	ug/l	# 85
25) 2-Butanone	4.574	43	1749	1.339	ug/l	# 79
29) Tetrahydrofuran	5.026	42	227	0.277	ug/l	# 32
31) Cyclohexane	5.562	56	2833	1.089	ug/l	# 45
36) 1,1-Dichloropropene	5.556	75	9629	3.228	ug/l	# 50
37) Ethyl Acetate	4.715	43	12508	4.157	ug/l	97
38) Carbon Tetrachloride	5.550	117	13443	3.999	ug/l	# 16
43) Isopropyl Acetate	6.342	43	54913	11.597	ug/l	# 94
48) Methyl methacrylate	7.799	41	54997	26.409	ug/l	# 45
49) 1,4-Dioxane	7.793	88	138	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.549	43	47159	15.734	ug/l	# 51
53) t-1,3-Dichloropropene	8.958	75	491	2.012	ug/l	# 44
54) cis-1,3-Dichloropropene	8.549	75	24609	7.349	ug/l	# 61
57) 1,3-Dichloropropane	9.482	76	3333	0.800	ug/l	# 43
59) 2-Hexanone	9.482	43	37716	16.866	ug/l	# 55
74) N-amyl acetate	10.640	43	12808	4.617	ug/l	# 55
76) 1,2,3-Trichloropropane	11.079	75	82451	34.390	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	82451	112.904	ug/l	# 11

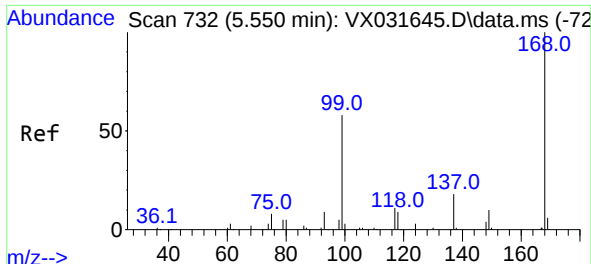
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
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Quant Title : SW846 8260
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Response via : Initial Calibration

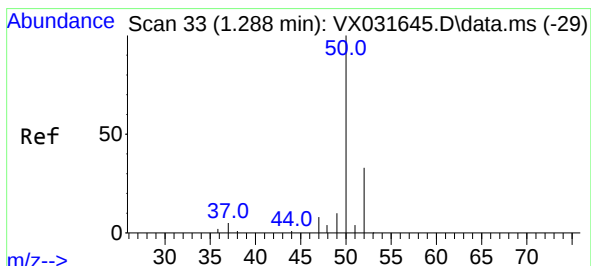
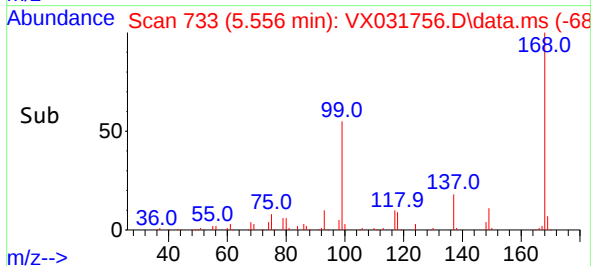
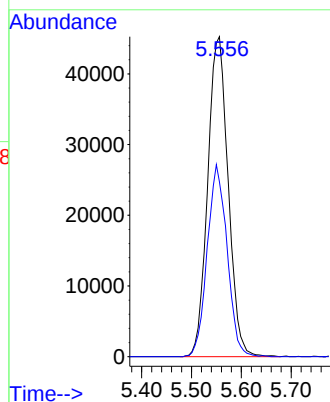
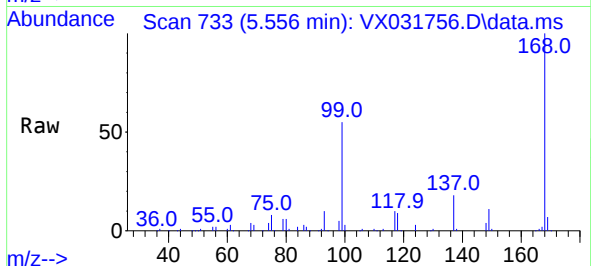




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

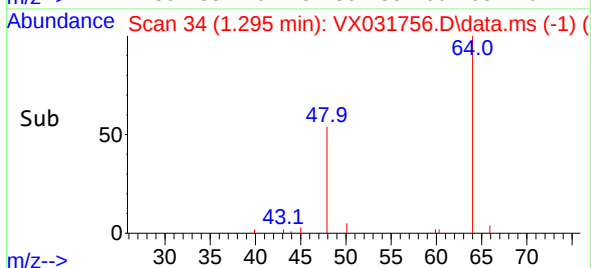
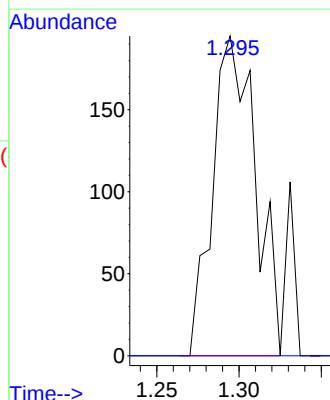
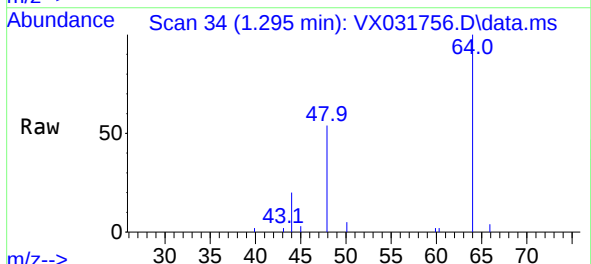
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

Tgt Ion:168 Resp: 128898
Ion Ratio Lower Upper
168 100
99 54.7 48.8 73.2

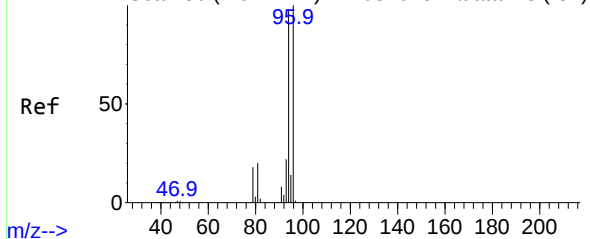


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion: 50 Resp: 354
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

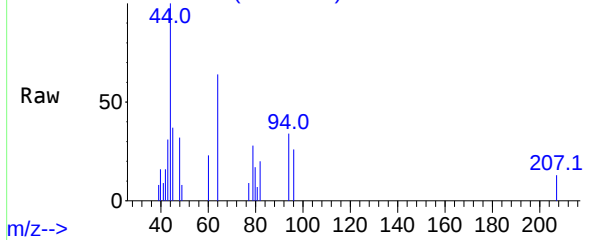


Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



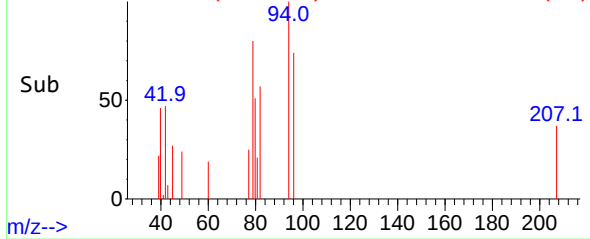
m/z-->

Abundance Scan 86 (1.612 min): VX031756.D\data.ms



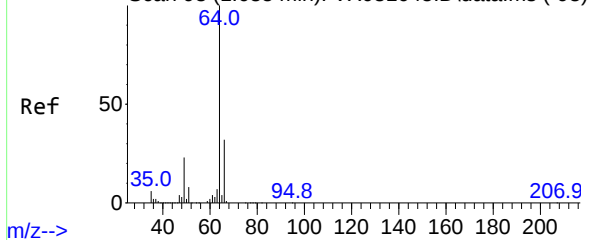
m/z-->

Abundance Scan 86 (1.612 min): VX031756.D\data.ms (-37)



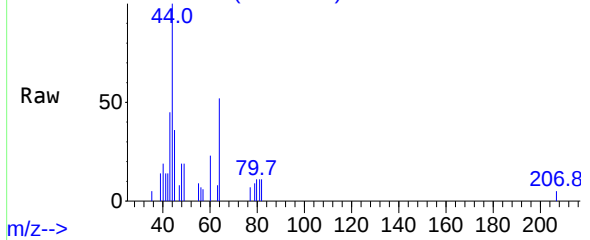
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Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



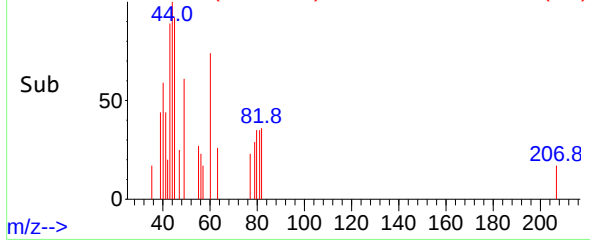
m/z-->

Abundance Scan 98 (1.685 min): VX031756.D\data.ms



m/z-->

Abundance Scan 98 (1.685 min): VX031756.D\data.ms (-49)



m/z-->

#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 86

Delta R.T. 0.001 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#03

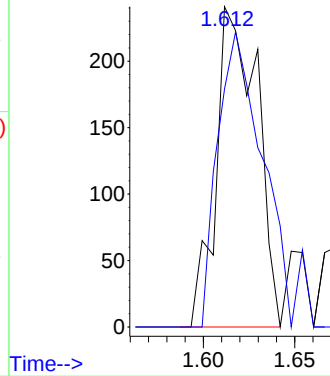
Tgt Ion: 94 Resp: 376

Ion Ratio Lower Upper

94 100

96 74.3 74.4 111.6#

Abundance



Time-->

#6

Chloroethane

Concen: Below Cal

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

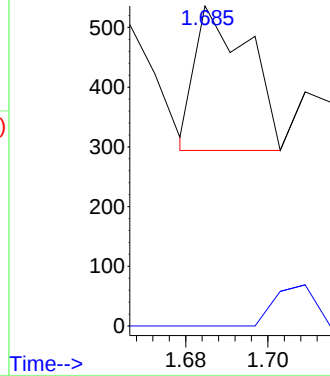
Tgt Ion: 64 Resp: 219

Ion Ratio Lower Upper

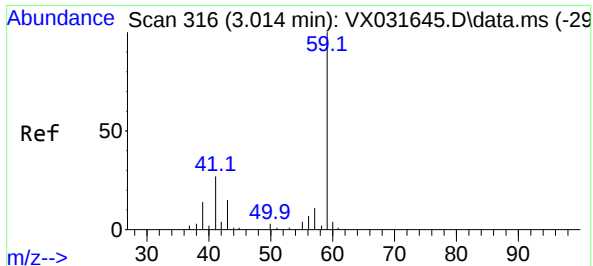
64 100

66 0.0 25.0 37.4#

Abundance



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

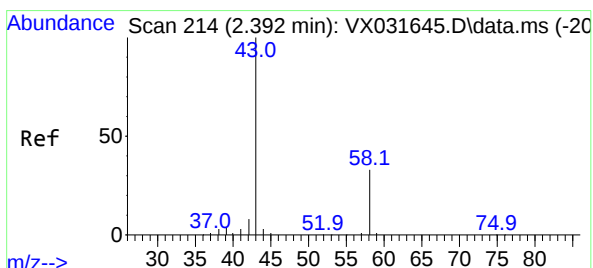
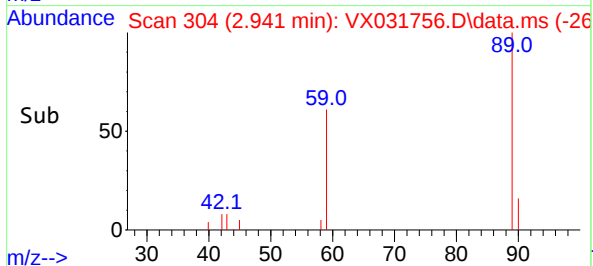
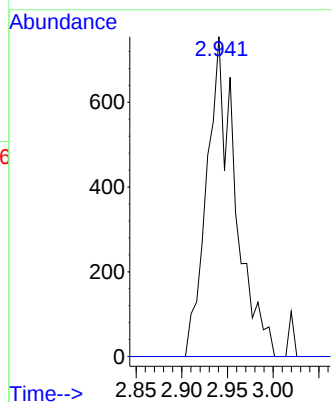
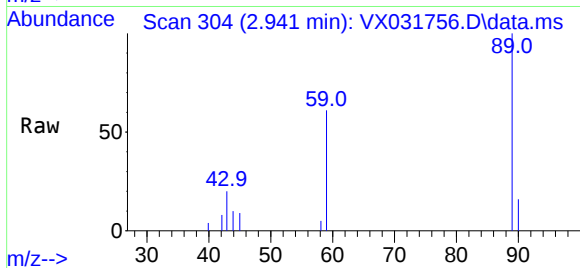
PB147944ZHE#03

Tgt Ion: 59 Resp: 1650

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 0.350 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031756.D

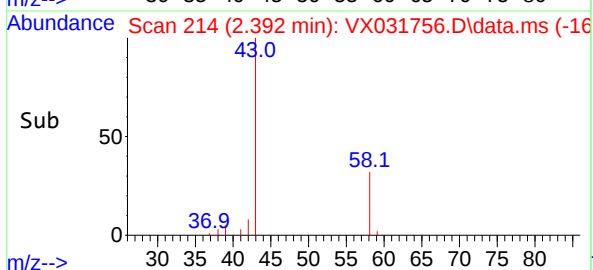
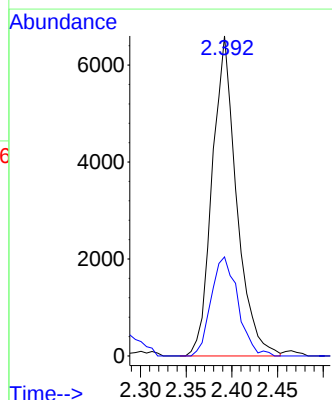
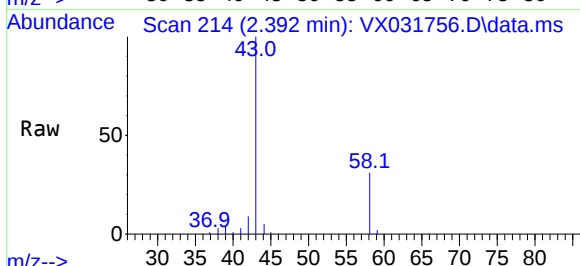
Acq: 29 Sep 2022 03:43

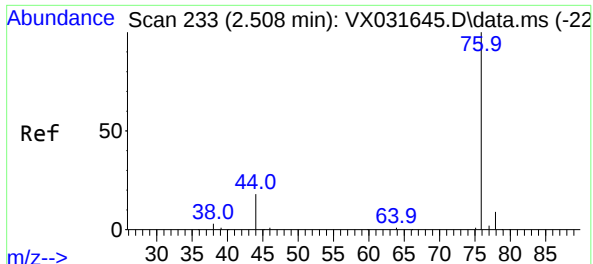
Tgt Ion: 43 Resp: 12247

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.8

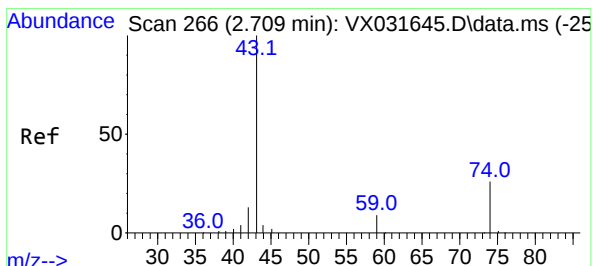
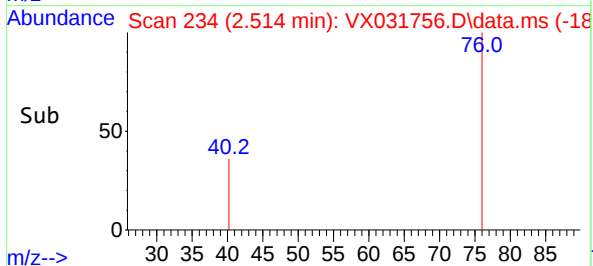
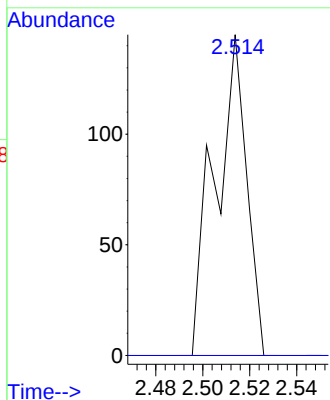
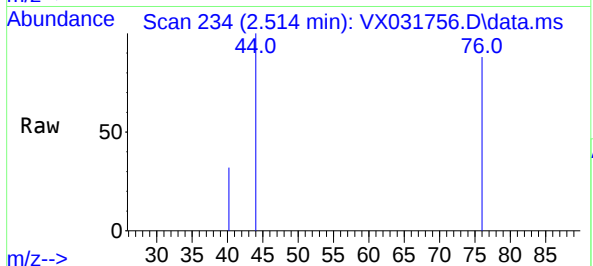




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

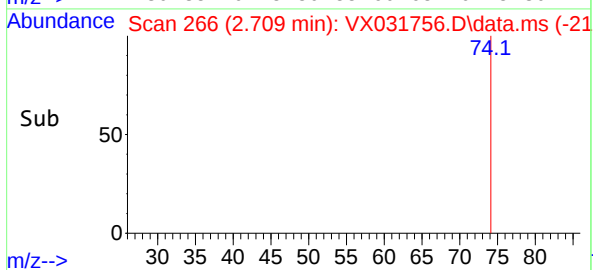
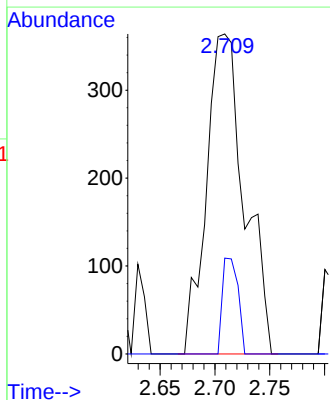
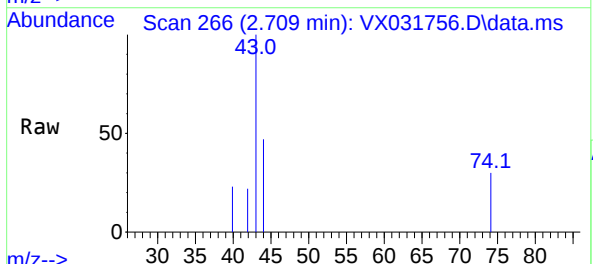
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

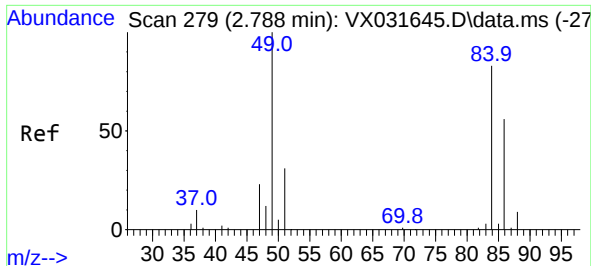
Tgt Ion: 76 Resp: 135
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.359 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

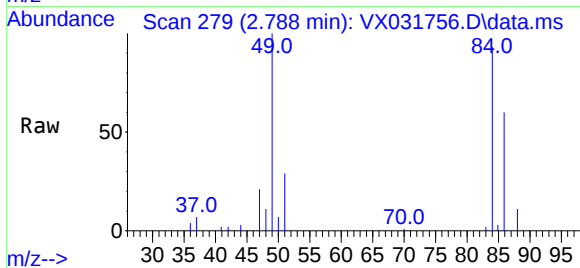
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
74 12.2 18.6 27.8#





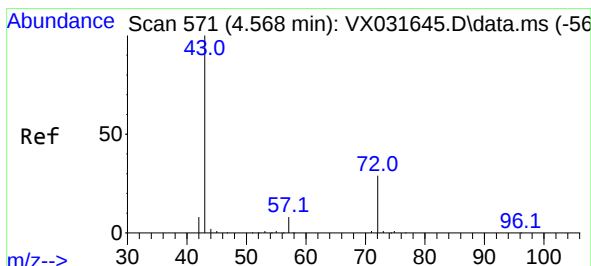
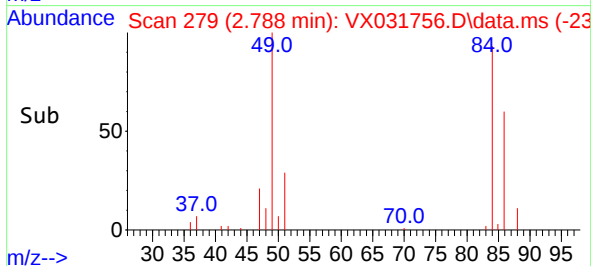
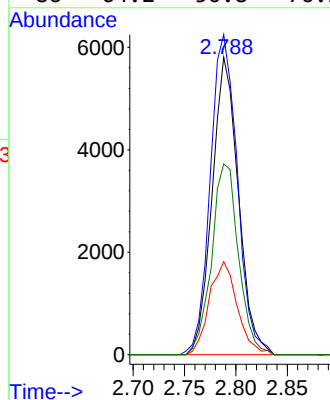
#20
Methylene Chloride
Concen: 4.412 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03



Tgt Ion: 84 Resp: 10302

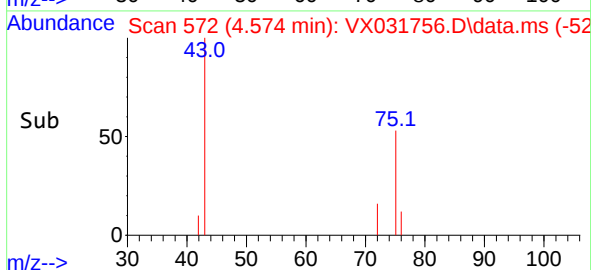
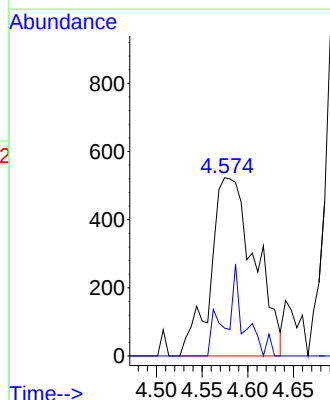
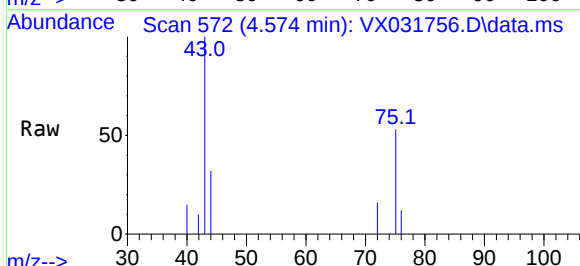
Ion	Ratio	Lower	Upper
84	100		
49	107.6	105.9	158.9
51	31.3	32.2	48.2#
86	64.2	50.8	76.2

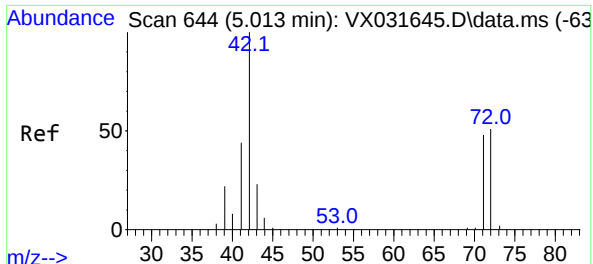


#25
2-Butanone
Concen: 1.339 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion: 43 Resp: 1749

Ion	Ratio	Lower	Upper
43	100		
72	15.7	21.1	31.7#





#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#03

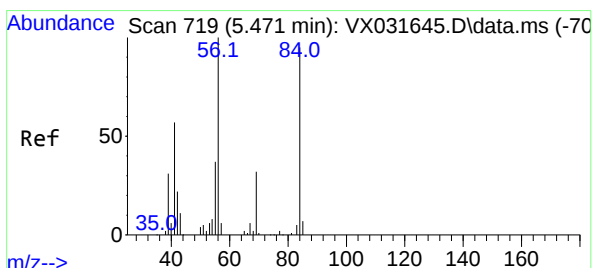
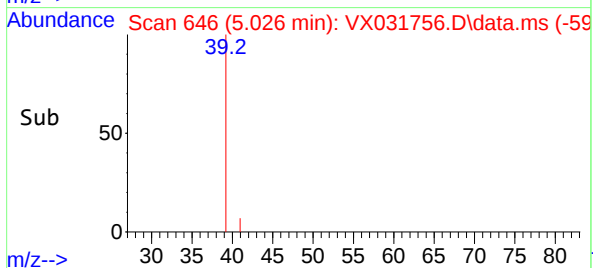
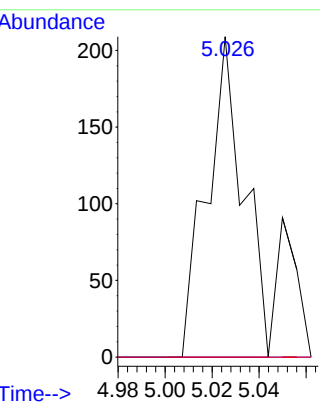
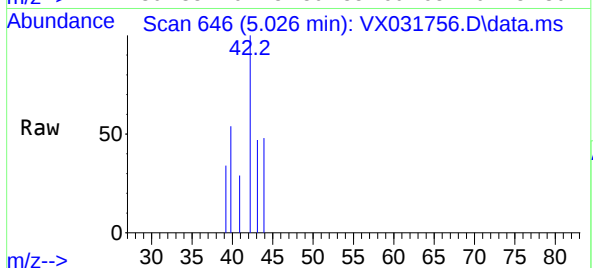
Tgt Ion: 42 Resp: 227

Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 0.0 33.5 50.3#



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

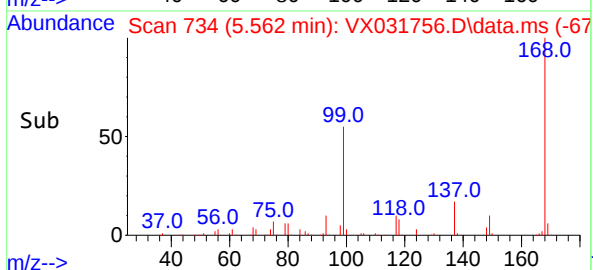
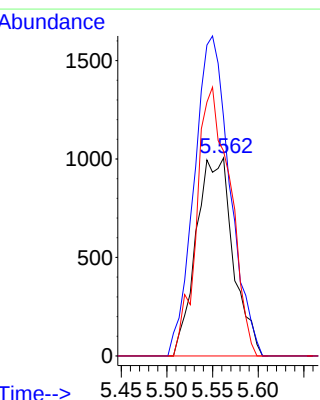
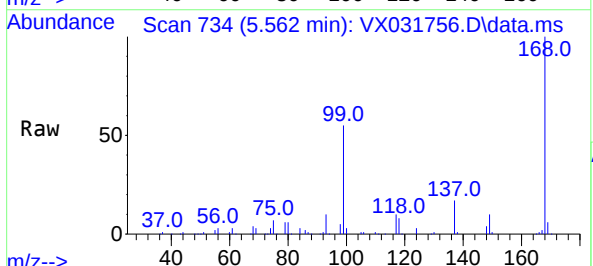
Tgt Ion: 56 Resp: 2833

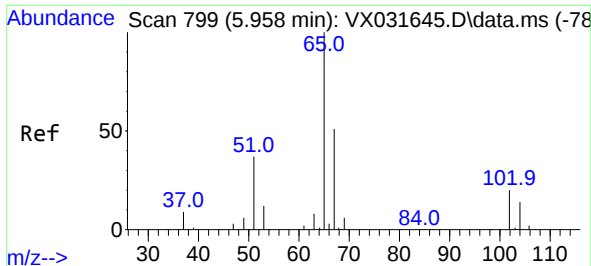
Ion Ratio Lower Upper

56 100

69 120.4 25.1 37.7#

84 103.5 70.2 105.4

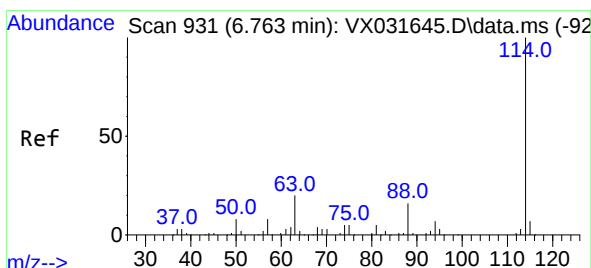
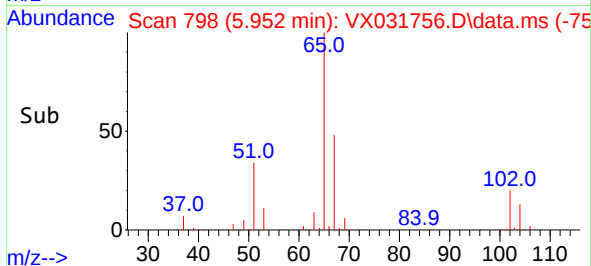
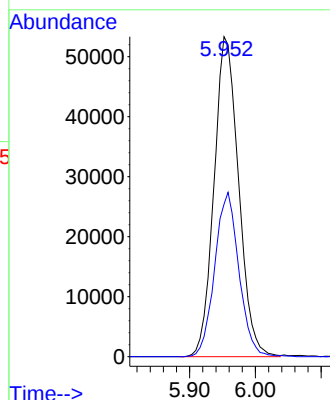
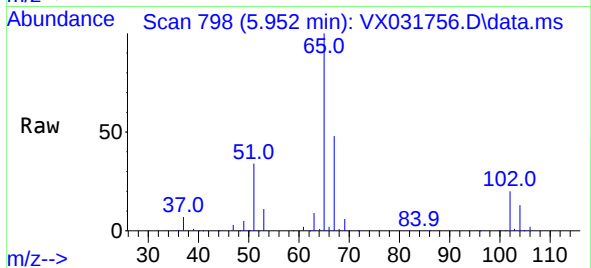




#33
1,2-Dichloroethane-d4
Concen: 50.754 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

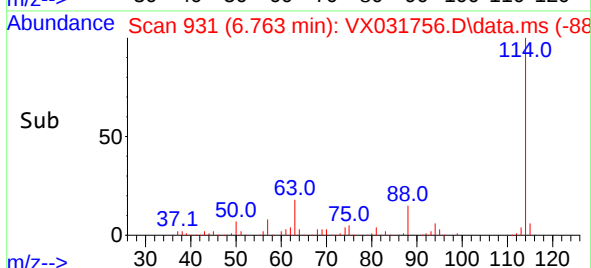
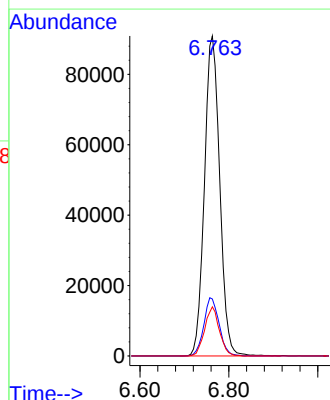
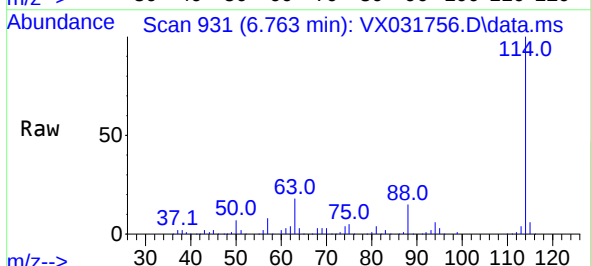
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

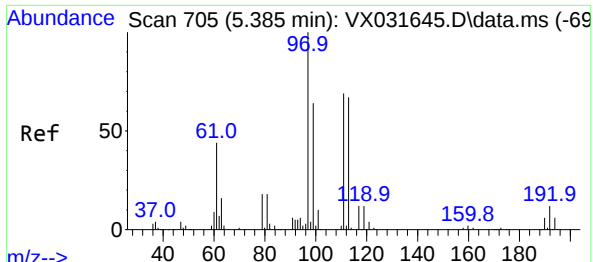
Tgt Ion: 65 Resp: 138850
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion: 114 Resp: 217979
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.6
88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.130 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031756.D

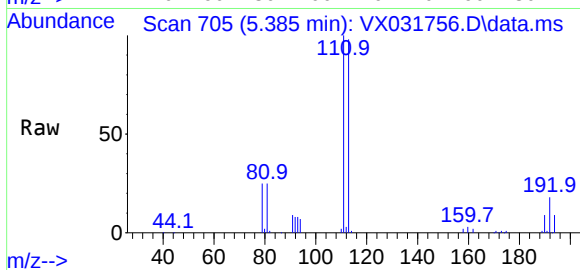
Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#03



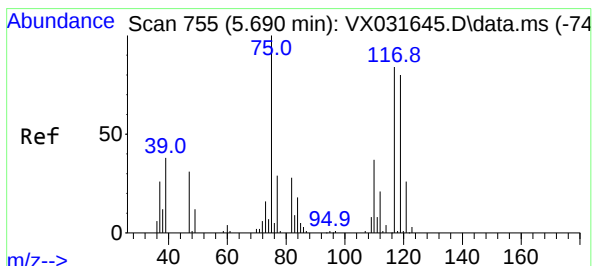
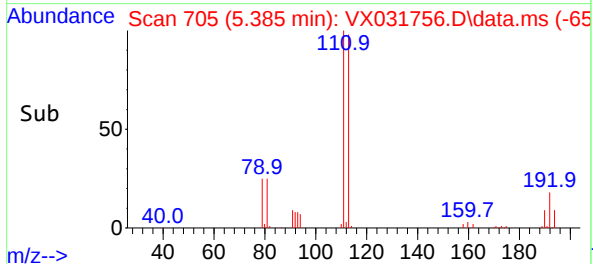
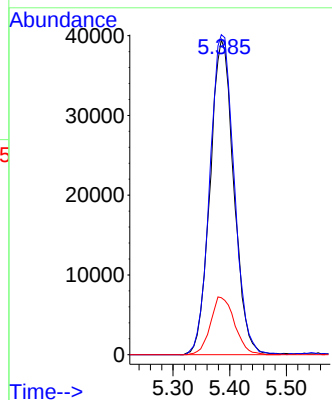
Tgt Ion:113 Resp: 114618

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 18.6 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.228 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

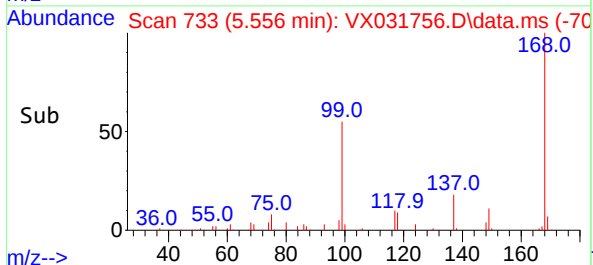
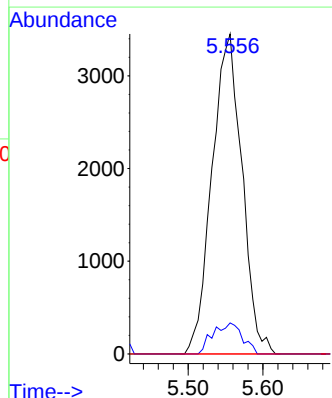
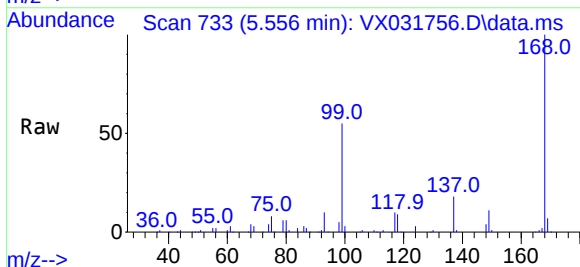
Tgt Ion: 75 Resp: 9629

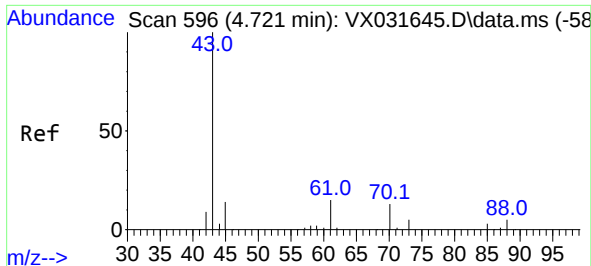
Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 4.157 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#03

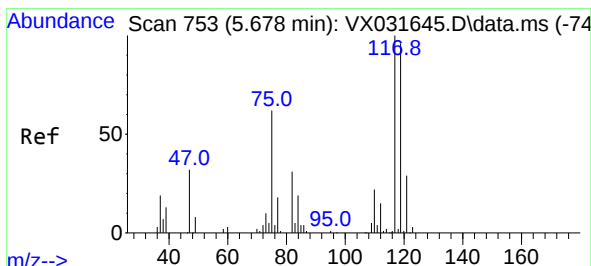
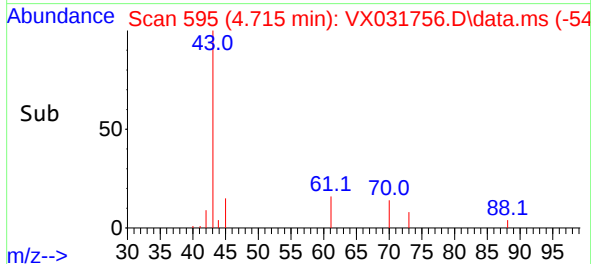
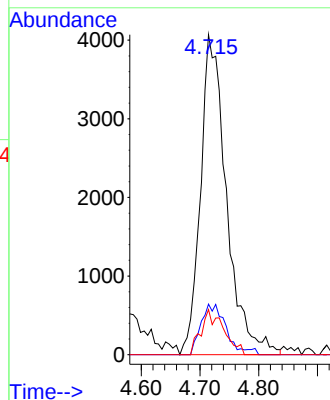
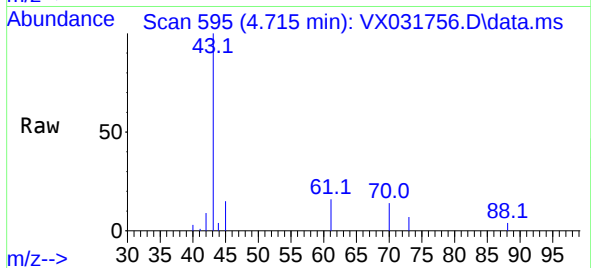
Tgt Ion: 43 Resp: 12508

Ion Ratio Lower Upper

43 100

61 14.8 11.1 16.7

70 12.3 8.6 13.0



#38

Carbon Tetrachloride

Concen: 3.999 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

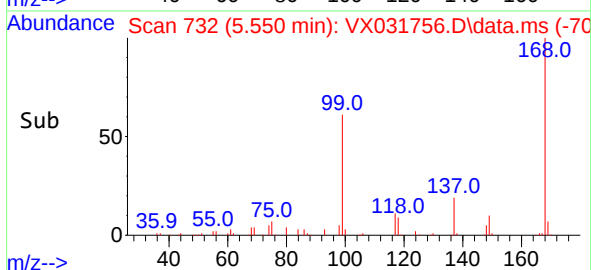
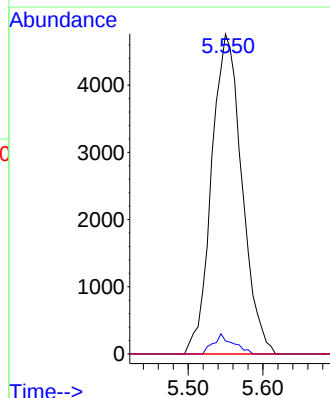
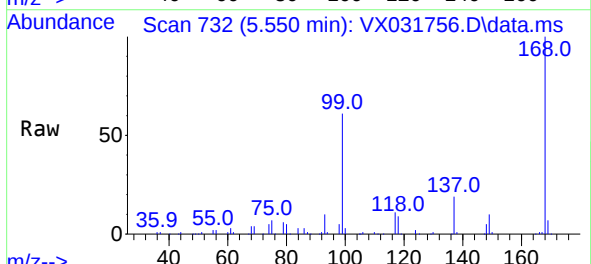
Tgt Ion: 117 Resp: 13443

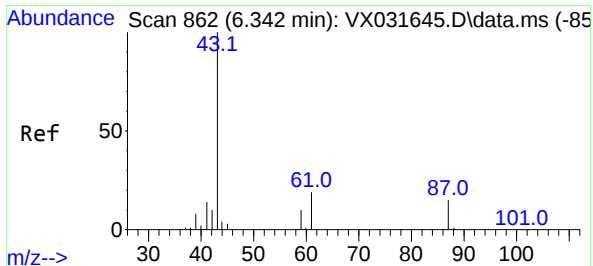
Ion Ratio Lower Upper

117 100

119 4.1 74.6 112.0#

121 0.0 25.3 37.9#

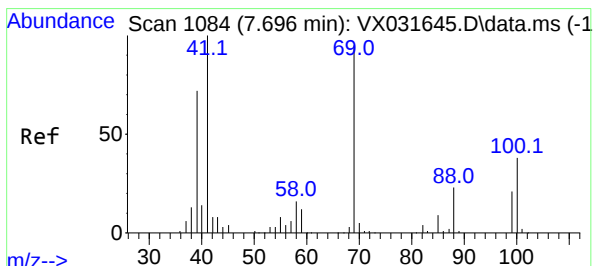
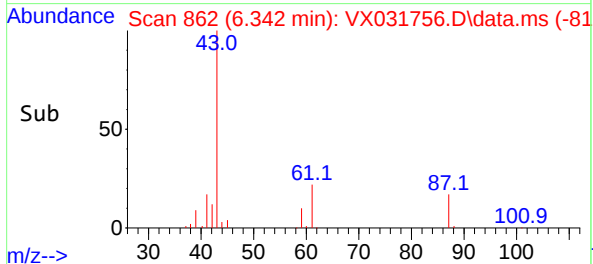
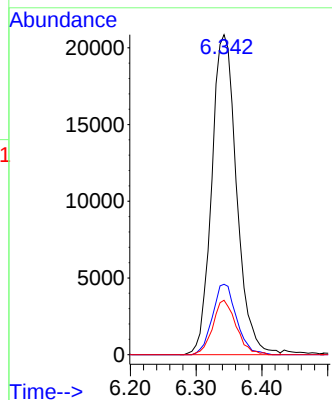
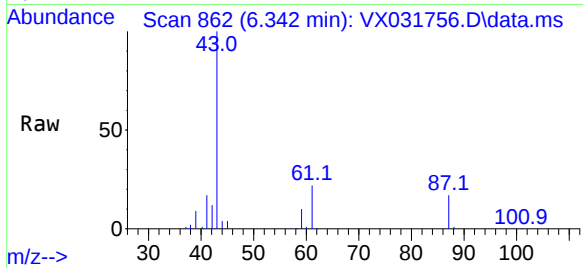




#43
Isopropyl Acetate
Concen: 11.597 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

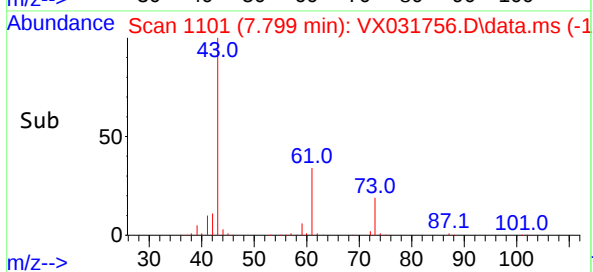
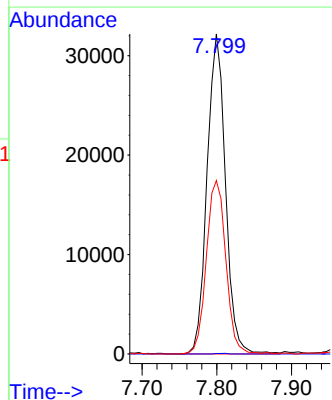
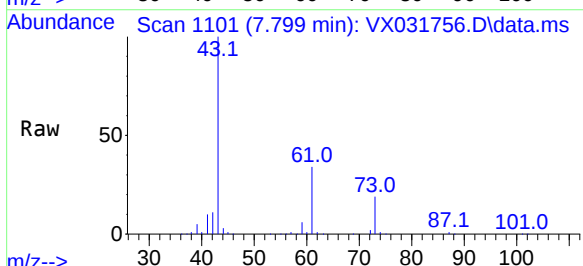
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

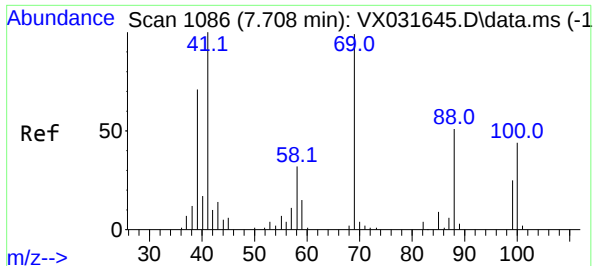
Tgt Ion: 43 Resp: 54913
Ion Ratio Lower Upper
43 100
61 21.3 15.3 22.9
87 15.9 10.6 15.8#



#48
Methyl methacrylate
Concen: 26.409 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion: 41 Resp: 54997
Ion Ratio Lower Upper
41 100
69 0.1 64.6 96.8#
39 57.3 51.4 77.0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#03

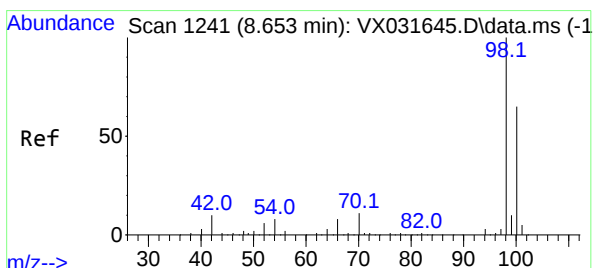
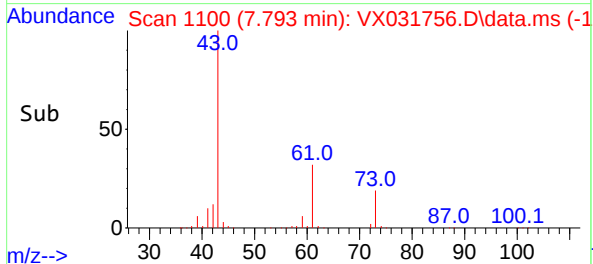
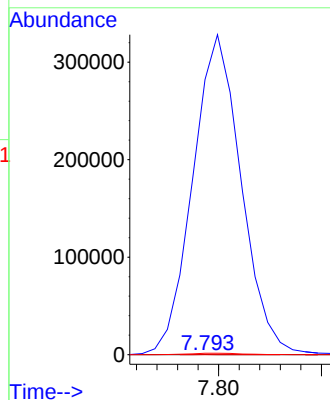
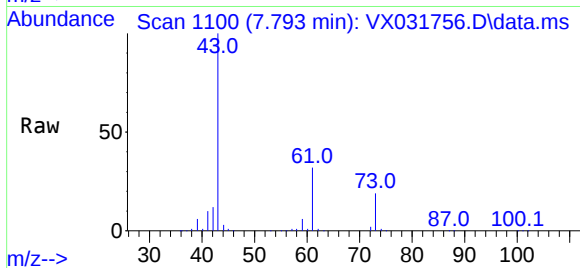
Tgt Ion: 88 Resp: 138

Ion Ratio Lower Upper

88 100

43 392166.7 27.1 40.7#

58 1989.1 53.9 80.9#



#50

Toluene-d8

Concen: 49.419 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031756.D

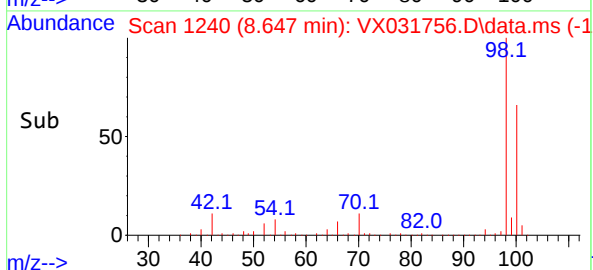
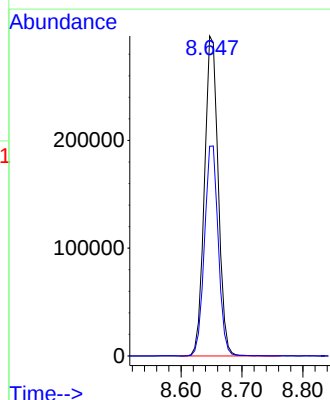
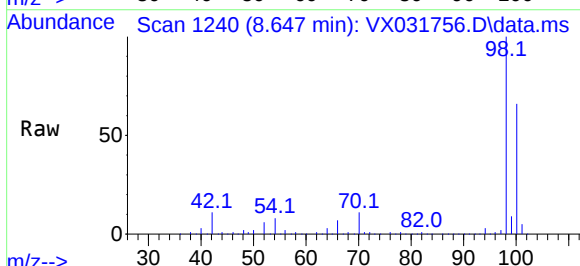
Acq: 29 Sep 2022 03:43

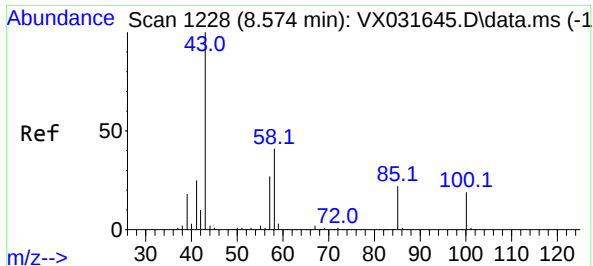
Tgt Ion: 98 Resp: 465340

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

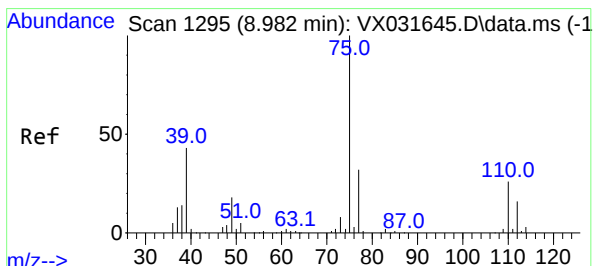
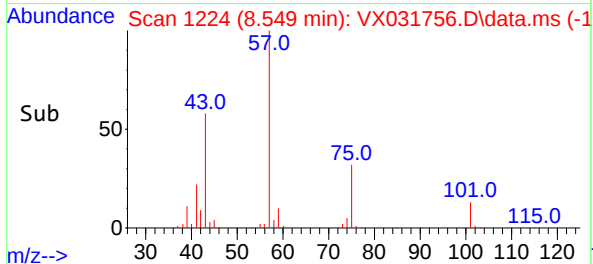
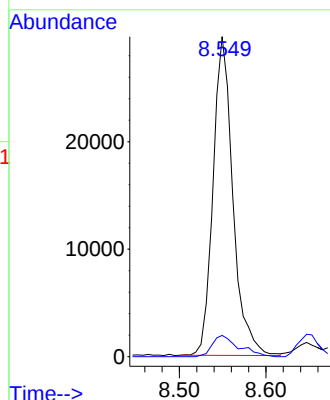
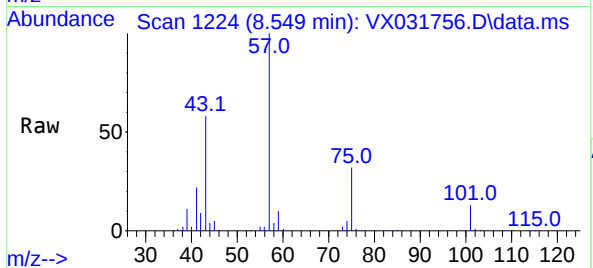




#51
4-Methyl-2-Pentanone
Concen: 15.734 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

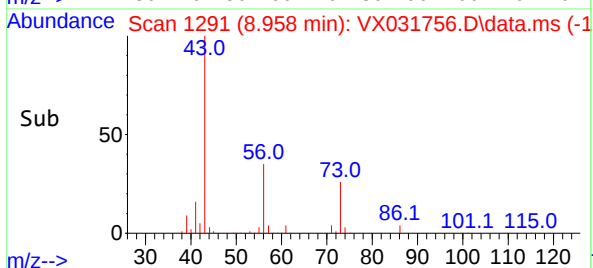
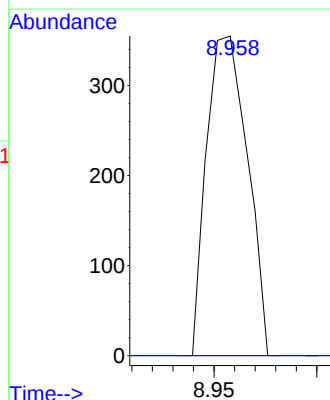
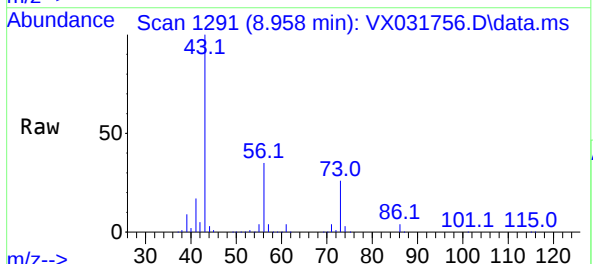
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

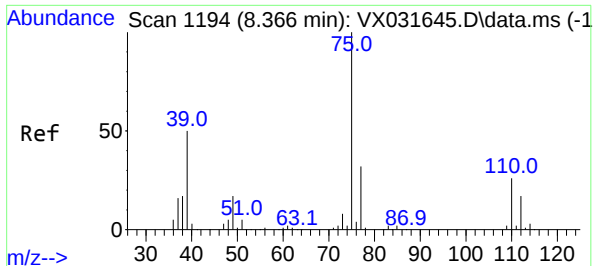
Tgt Ion: 43 Resp: 47159
Ion Ratio Lower Upper
43 100
58 8.9 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 2.012 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion: 75 Resp: 491
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#

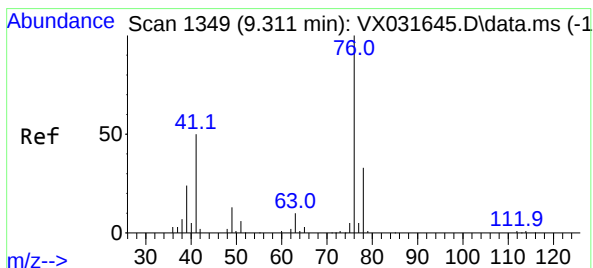
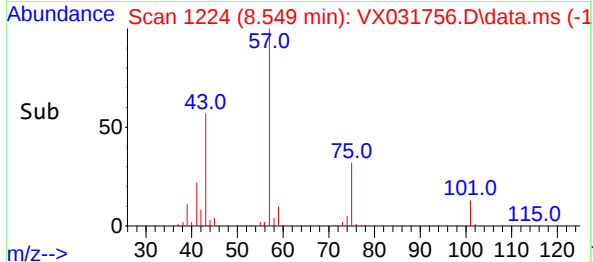
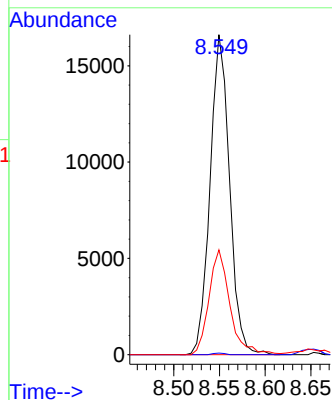
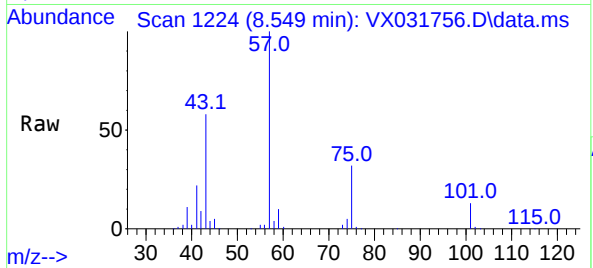




#54
cis-1,3-Dichloropropene
Concen: 7.349 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

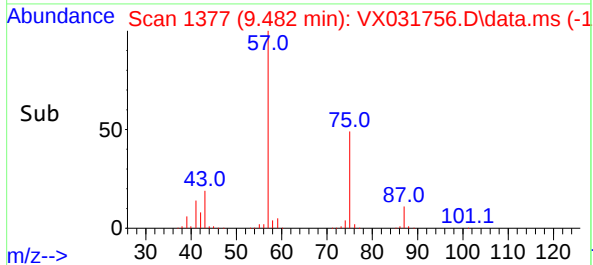
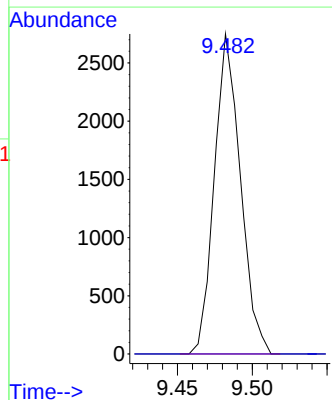
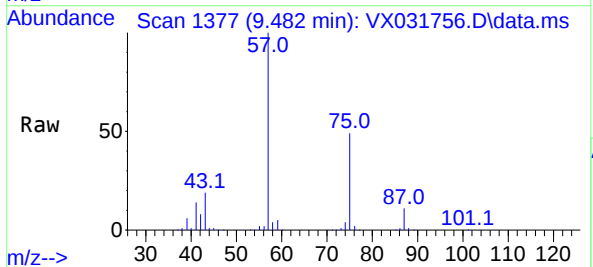
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

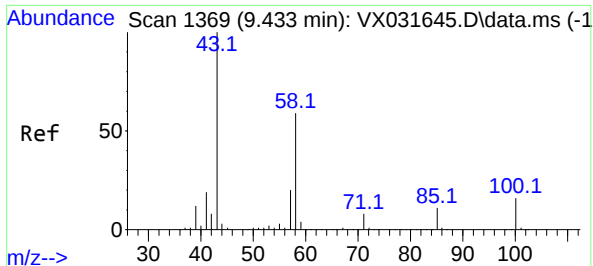
Tgt Ion: 75 Resp: 24609
Ion Ratio Lower Upper
75 100
77 0.5 24.4 36.6#
39 32.7 43.7 65.5#



#57
1,3-Dichloropropane
Concen: 0.800 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion: 76 Resp: 3333
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 16.866 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

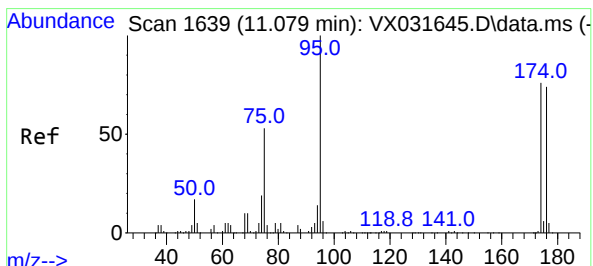
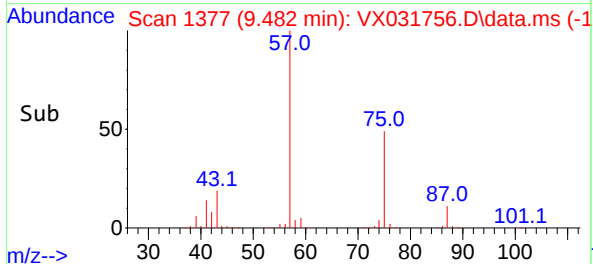
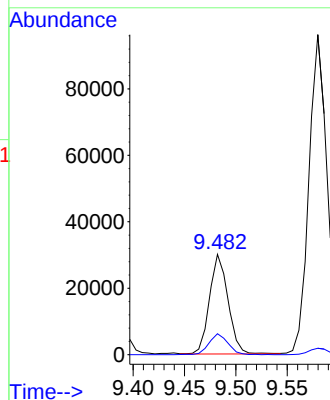
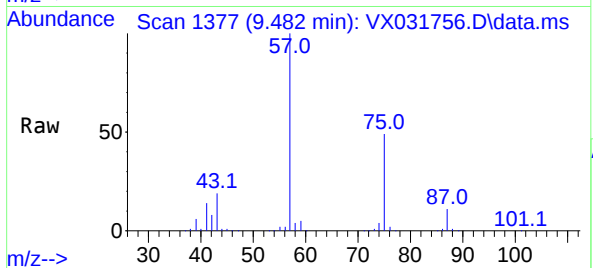
PB147944ZHE#03

Tgt Ion: 43 Resp: 37716

Ion Ratio Lower Upper

43 100

58 21.6 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 46.907 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031756.D

Acq: 29 Sep 2022 03:43

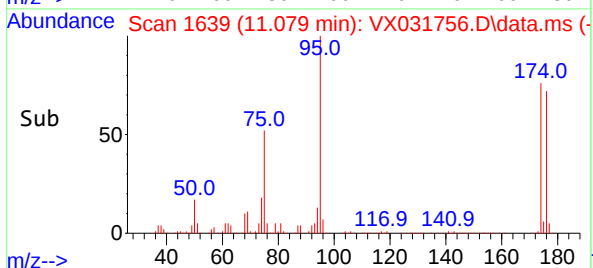
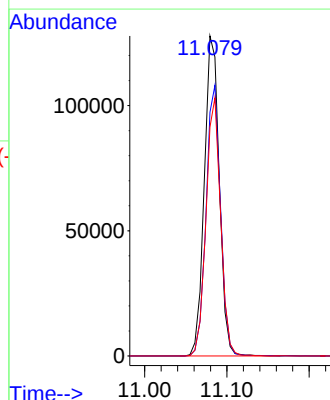
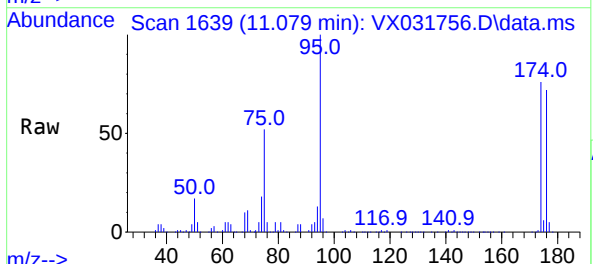
Tgt Ion: 95 Resp: 161886

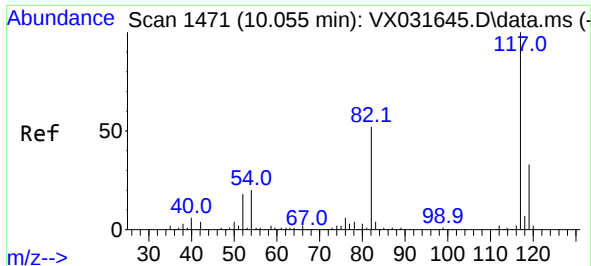
Ion Ratio Lower Upper

95 100

174 81.6 0.0 153.2

176 78.7 0.0 144.0

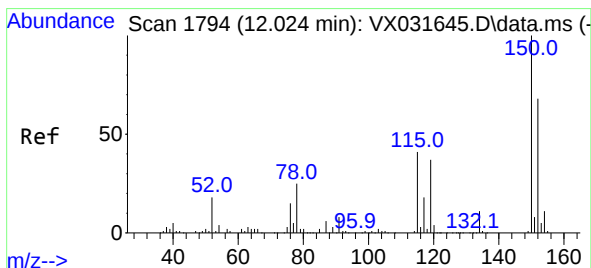
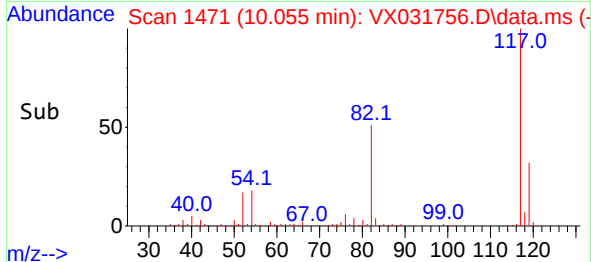
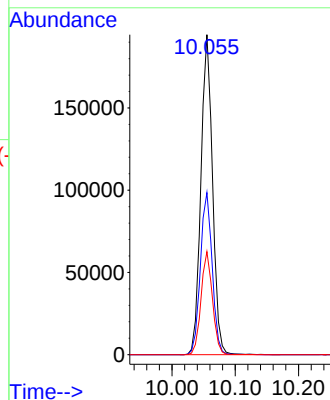
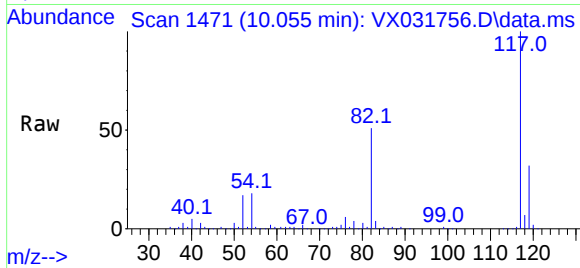




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

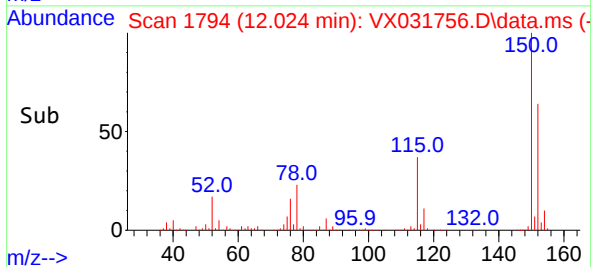
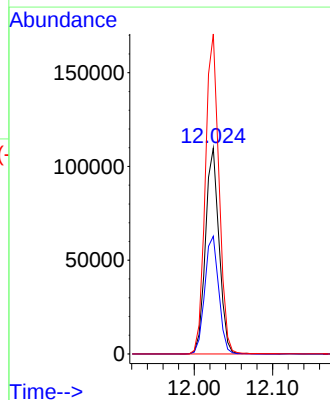
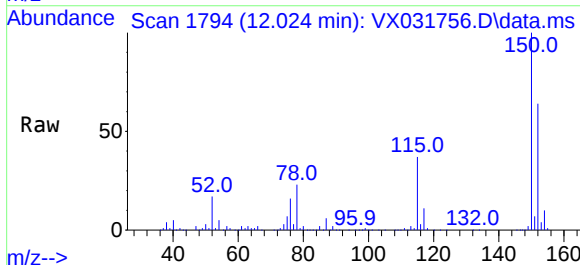
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

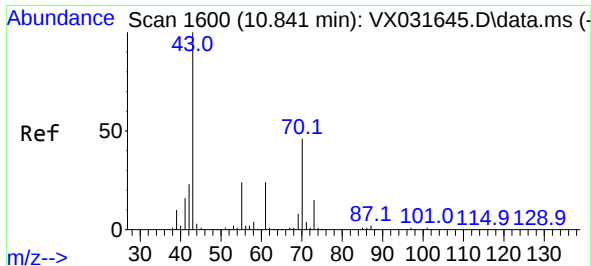
Tgt Ion:117 Resp: 249372
Ion Ratio Lower Upper
117 100
82 50.6 46.8 70.2
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

Tgt Ion:152 Resp: 132251
Ion Ratio Lower Upper
152 100
115 58.8 43.4 130.1
150 155.9 0.0 346.8

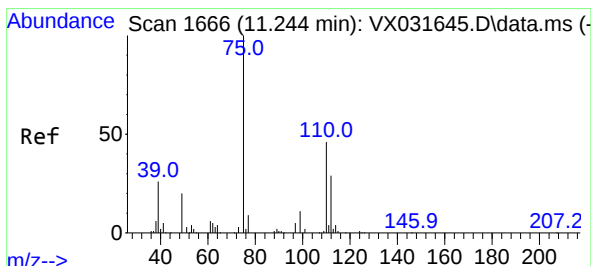
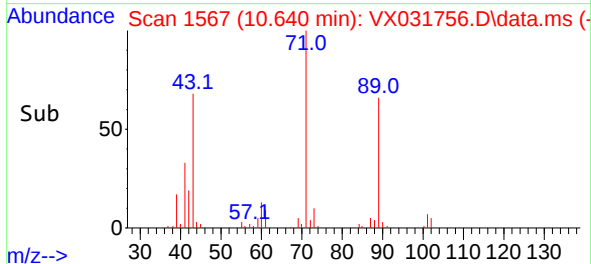
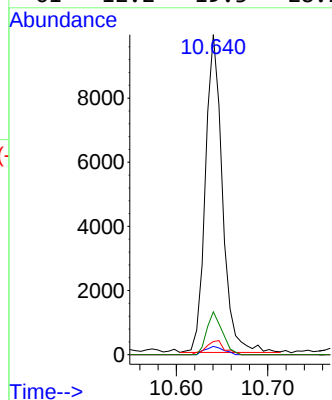
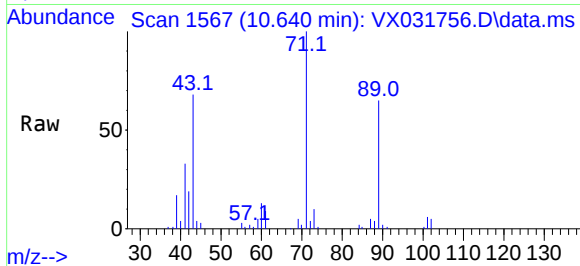




#74
N-amy1 acetate
Concen: 4.617 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.202 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

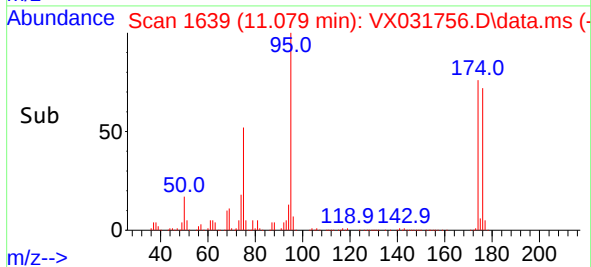
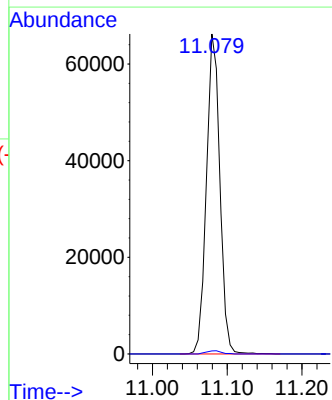
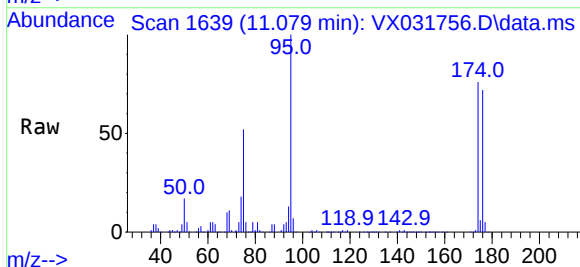
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#03

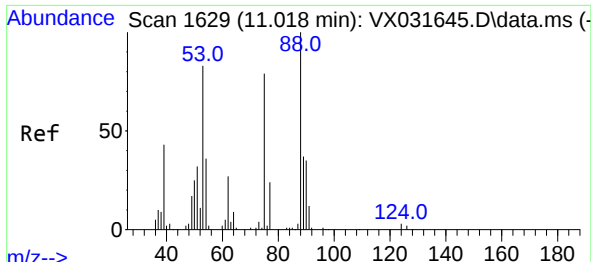
Tgt Ion: 43	Resp: 12808
Ion Ratio	Lower Upper
43 100	
70 2.8	33.4 50.2#
55 4.8	18.2 27.2#
61 12.2	19.3 28.9#



#76
1,2,3-Trichloropropane
Concen: 34.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031756.D
Acq: 29 Sep 2022 03:43

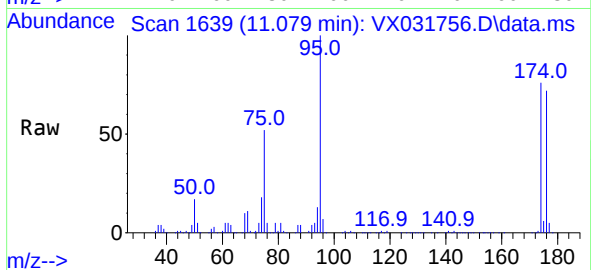
Tgt Ion: 75	Resp: 82451
Ion Ratio	Lower Upper
75 100	
77 1.1	20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.904 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031756.D
 Acq: 29 Sep 2022 03:43

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147944ZHE#03



Tgt Ion: 75 Resp: 82451
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

