

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031196.D
 Acq On : 08 Sep 2022 07:15
 Operator : JC/MD
 Sample : PB147495TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495TB

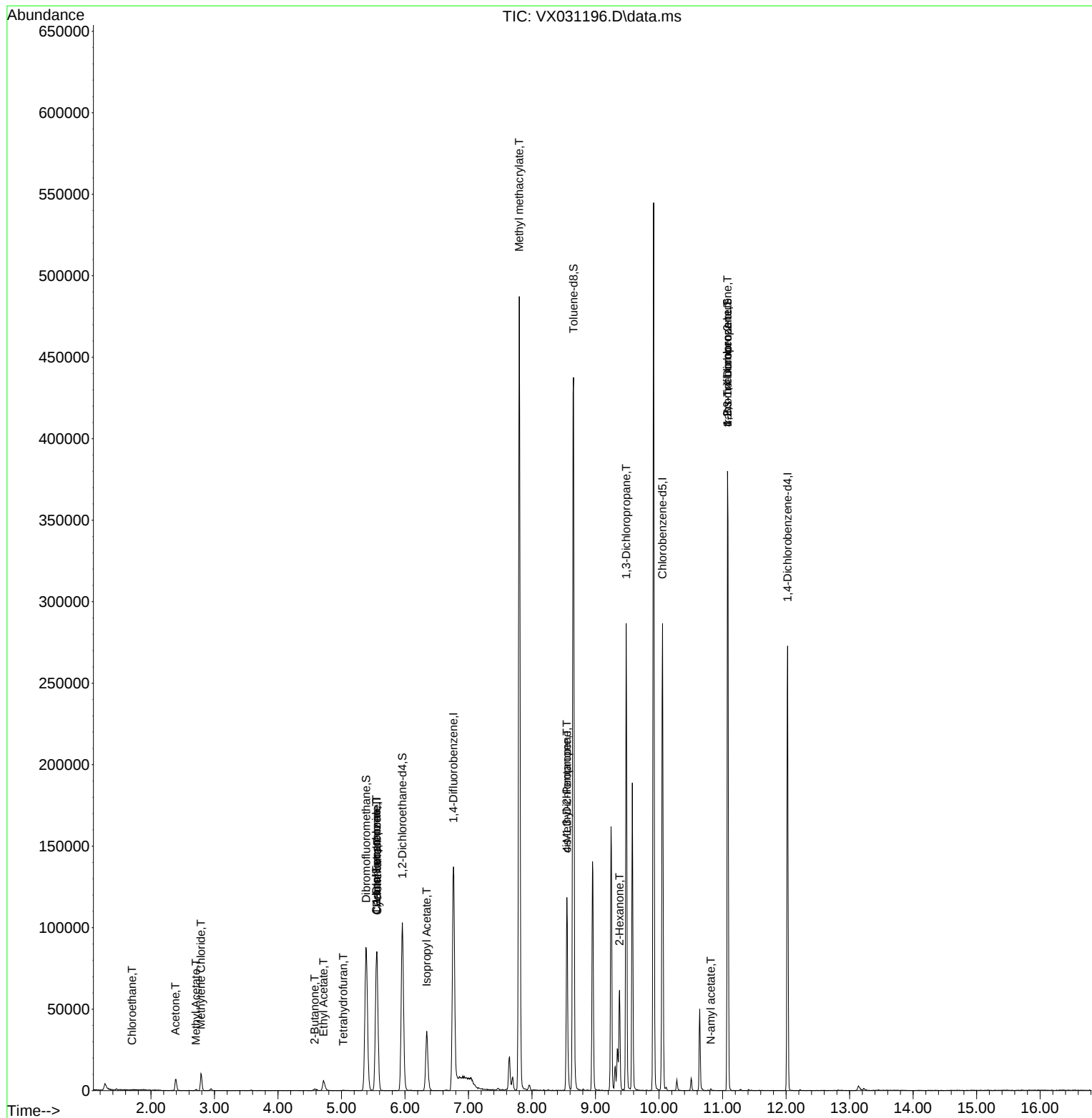
Quant Time: Sep 08 13:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67881	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109234	67.969	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	135.940%#
35) Dibromofluoromethane	5.385	113	77212	55.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.720%
50) Toluene-d8	8.653	98	264119	52.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.240%
62) 4-Bromofluorobenzene	11.079	95	101774	54.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%
Target Compounds						
						Qvalue
6) Chloroethane	1.703	64	181	0.326	ug/l	# 41
11) Tert butyl alcohol	3.002	59	41	Below Cal	#	74
16) Acetone	2.386	43	8623	15.496	ug/l	88
18) Methyl Acetate	2.709	43	686	0.476	ug/l	98
20) Methylene Chloride	2.788	84	4633	3.542	ug/l	91
25) 2-Butanone	4.574	43	1480	1.796	ug/l	# 67
29) Tetrahydrofuran	5.026	42	229	0.471	ug/l	# 86
31) Cyclohexane	5.562	56	1733	0.965	ug/l	# 28
36) 1,1-Dichloropropene	5.550	75	6668	3.193	ug/l	# 47
37) Ethyl Acetate	4.715	43	9657	5.212	ug/l	96
38) Carbon Tetrachloride	5.550	117	8982	4.087	ug/l	# 17
43) Isopropyl Acetate	6.342	43	44988	15.400	ug/l	# 94
48) Methyl methacrylate	7.799	41	43205	30.371	ug/l	# 40
51) 4-Methyl-2-Pentanone	8.549	43	39648	22.164	ug/l	# 46
54) cis-1,3-Dichloropropene	8.549	75	19675	8.179	ug/l	# 66
57) 1,3-Dichloropropane	9.482	76	2769	1.042	ug/l	# 42
59) 2-Hexanone	9.378	43	42592	31.484	ug/l	# 24
74) N-amyl acetate	10.817	43	455	0.330	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	58981	43.287	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	58981	139.595	ug/l	# 12

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

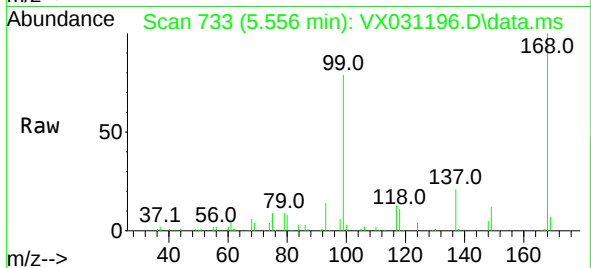
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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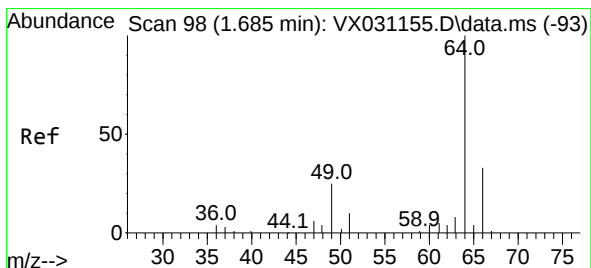
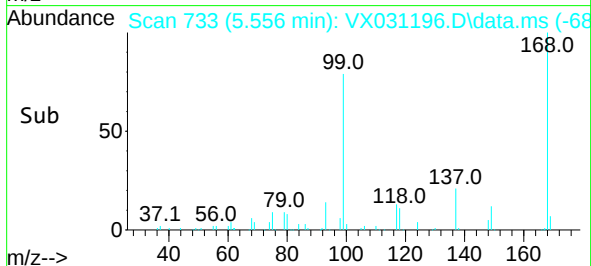
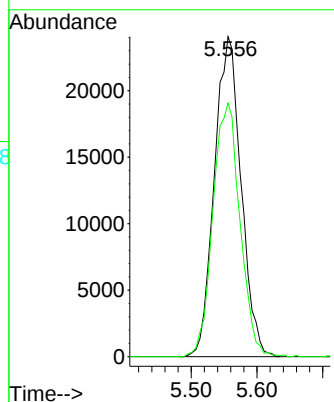


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

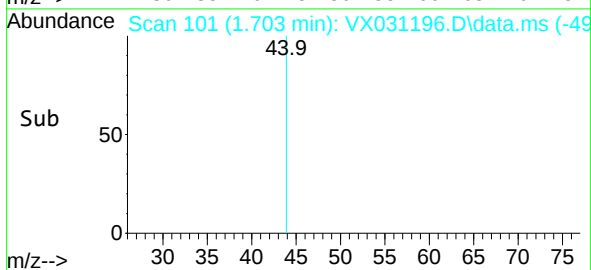
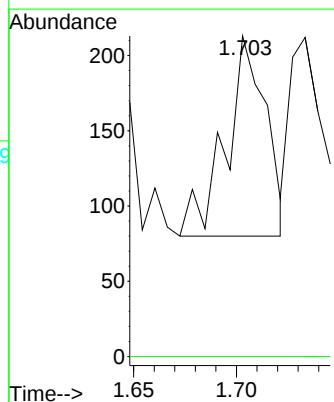
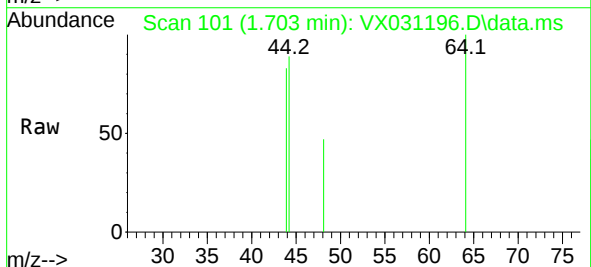


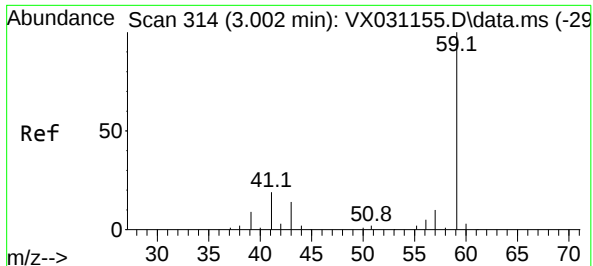
Tgt Ion:168 Resp: 67881
Ion Ratio Lower Upper
168 100
99 79.3 44.0 66.0#



#6
Chloroethane
Concen: 0.326 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.002 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031196.D

Acq: 08 Sep 2022 07:15

Instrument :

MSVOA_X

ClientSampleId :

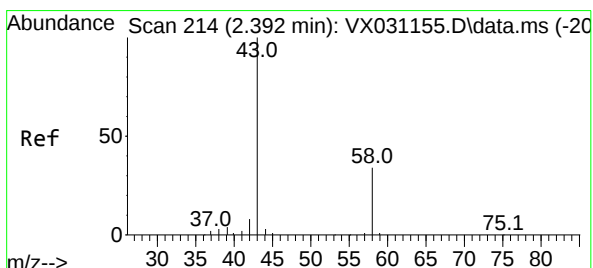
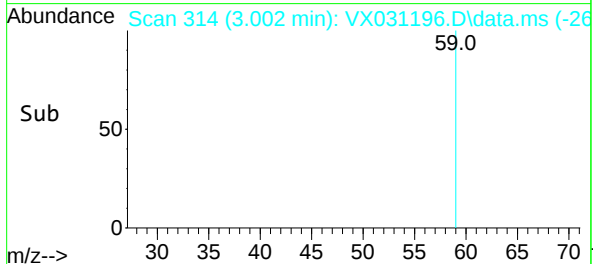
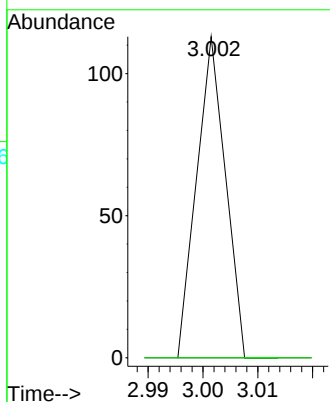
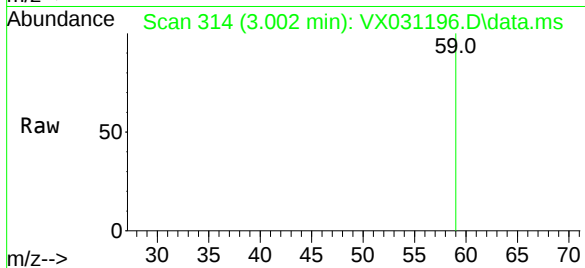
PB147495TB

Tgt Ion: 59 Resp: 41

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 15.496 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031196.D

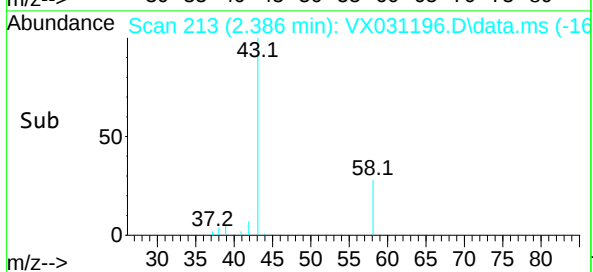
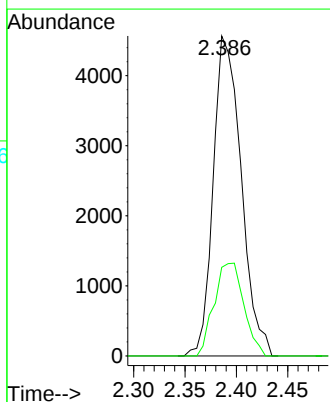
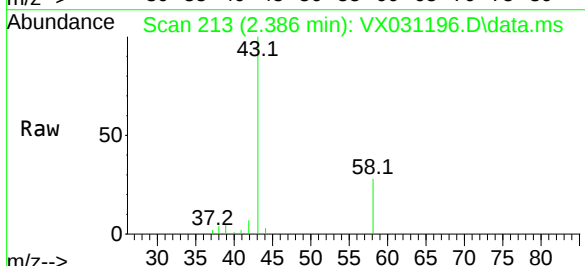
Acq: 08 Sep 2022 07:15

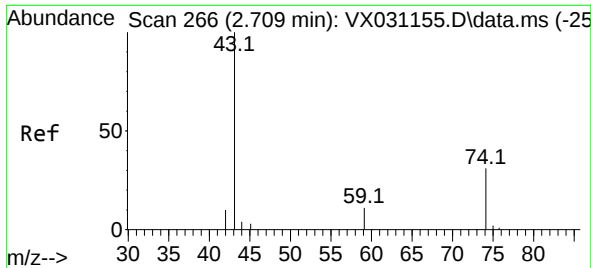
Tgt Ion: 43 Resp: 8623

Ion Ratio Lower Upper

43 100

58 27.7 27.7 41.5

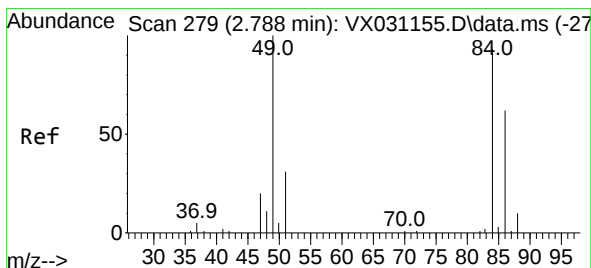
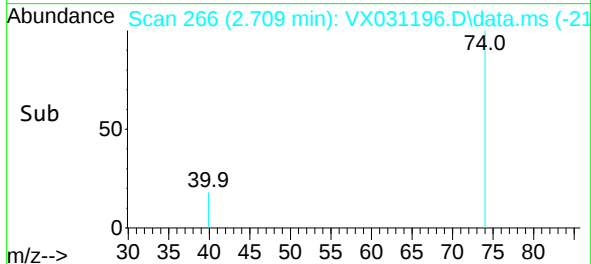
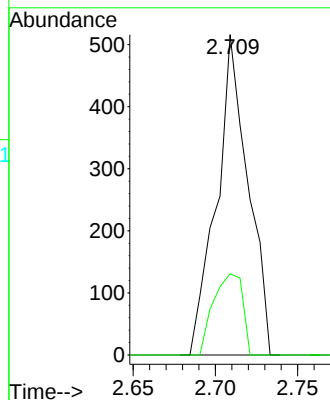
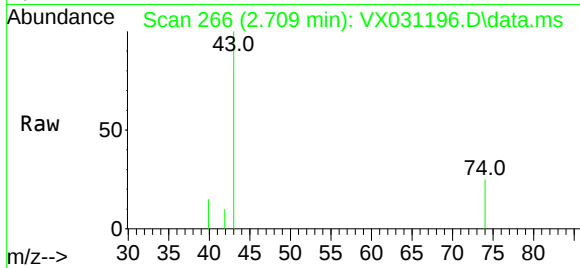




#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

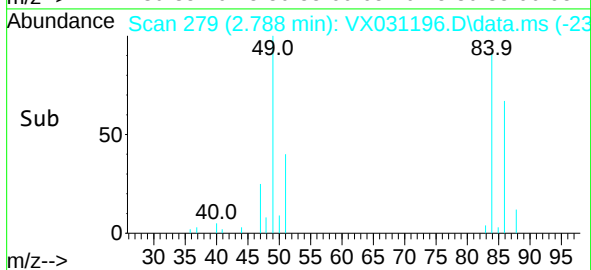
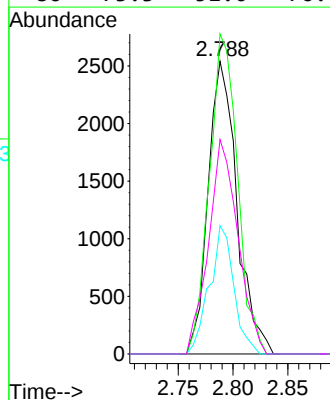
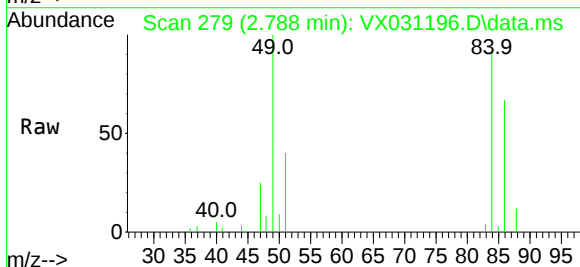
Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

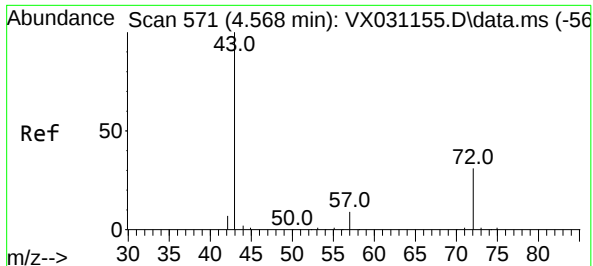
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2



#20
Methylene Chloride
Concen: 3.542 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 84 Resp: 4633
Ion Ratio Lower Upper
84 100
49 109.3 93.8 140.6
51 43.8 29.4 44.0
86 73.3 51.0 76.4





#25

2-Butanone

Concen: 1.796 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX031196.D

Acq: 08 Sep 2022 07:15

Instrument :

MSVOA_X

ClientSampleId :

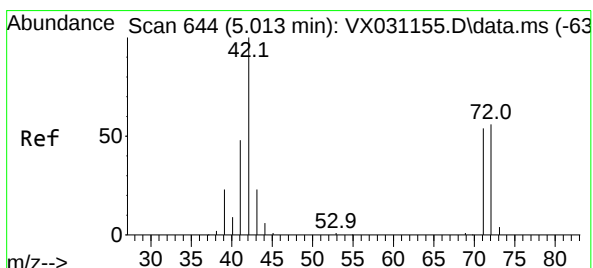
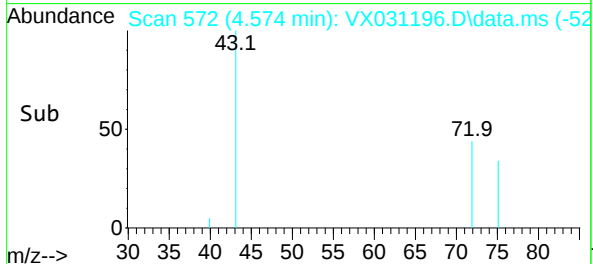
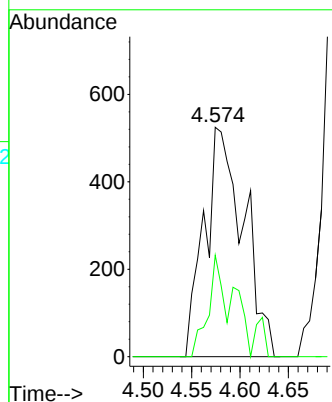
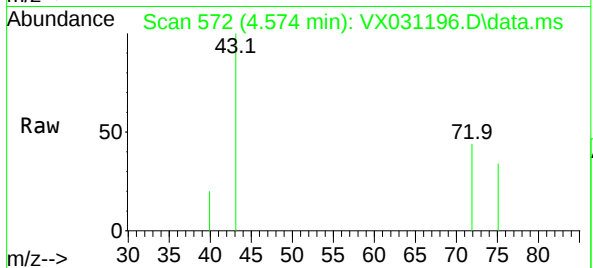
PB147495TB

Tgt Ion: 43 Resp: 1480

Ion Ratio Lower Upper

43 100

72 44.2 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.471 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX031196.D

Acq: 08 Sep 2022 07:15

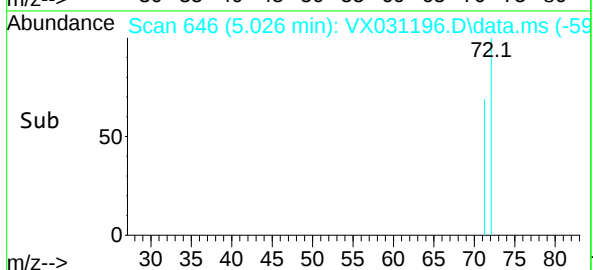
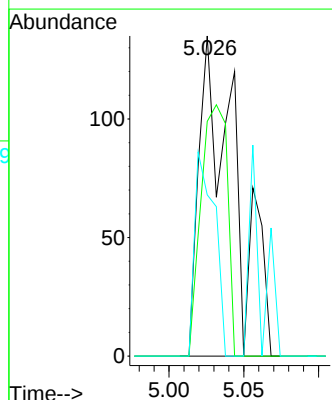
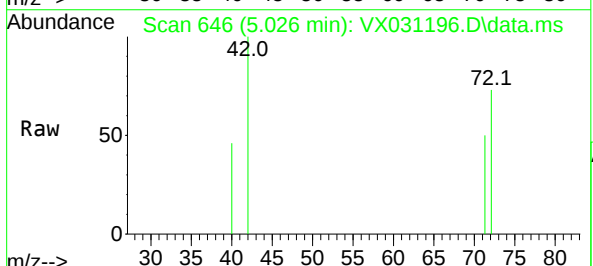
Tgt Ion: 42 Resp: 229

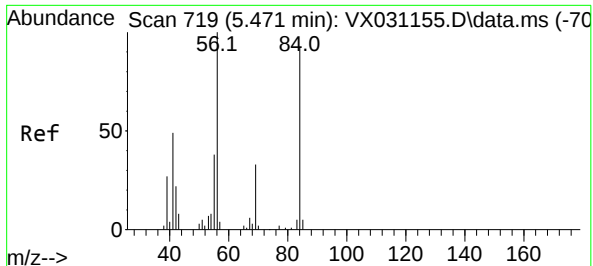
Ion Ratio Lower Upper

42 100

72 56.3 36.5 54.7#

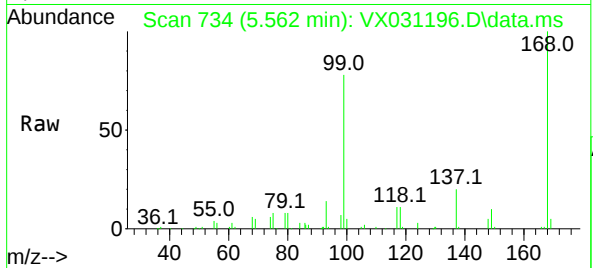
71 34.5 33.9 50.9



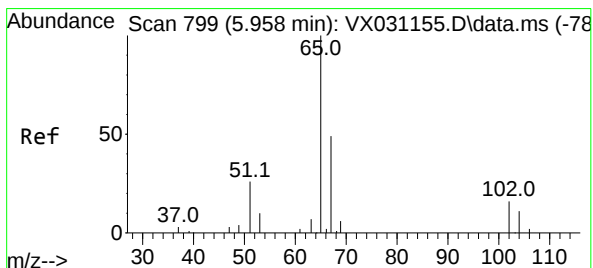
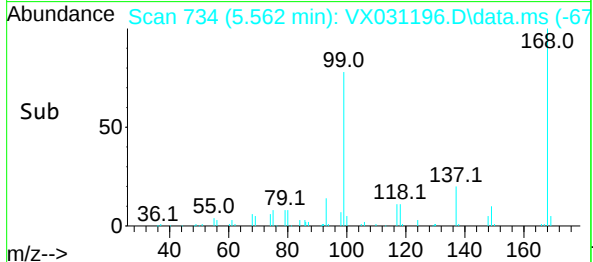
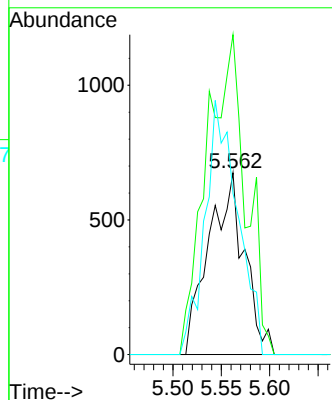


#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

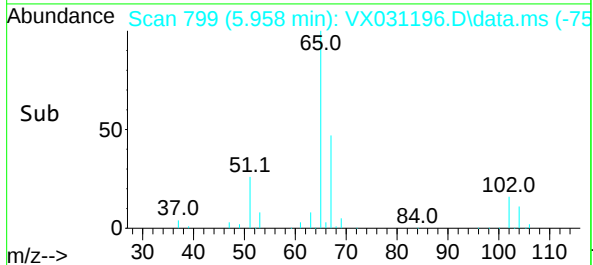
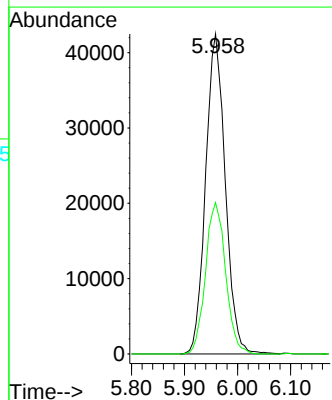
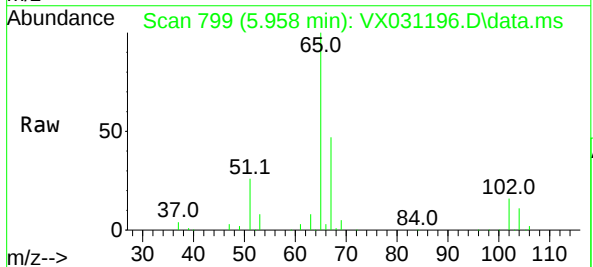


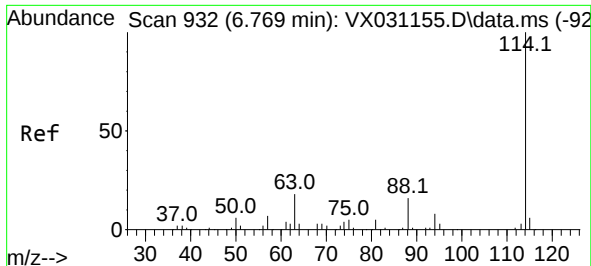
Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
69 176.0 25.4 38.0#
84 88.6 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 67.969 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 65 Resp: 109234
Ion Ratio Lower Upper
65 100
67 48.5 0.0 109.6

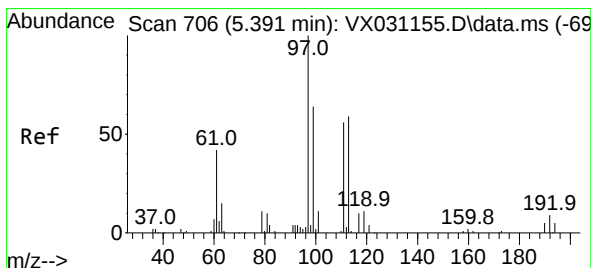
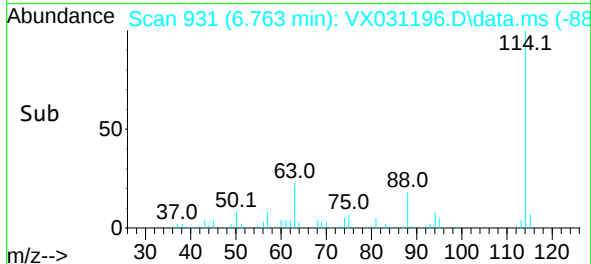
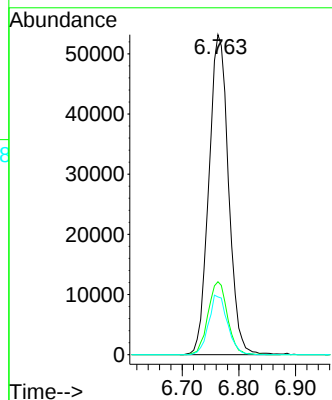
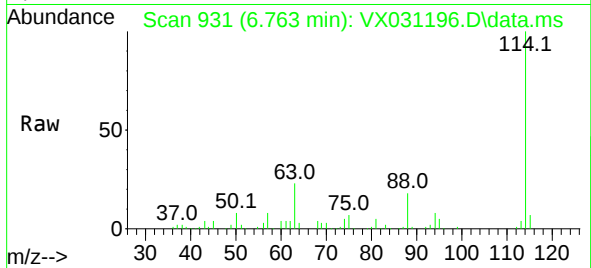




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

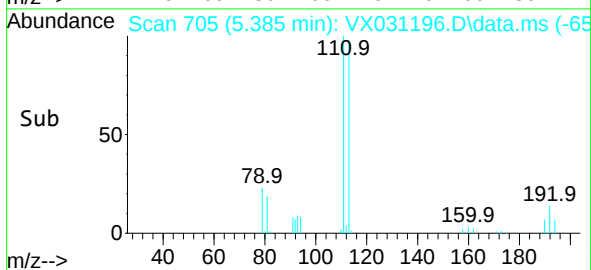
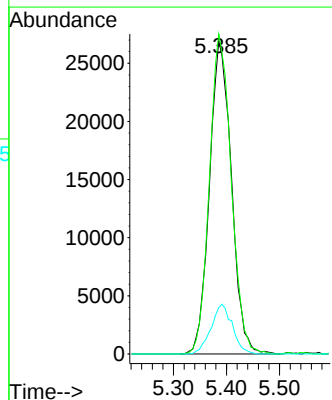
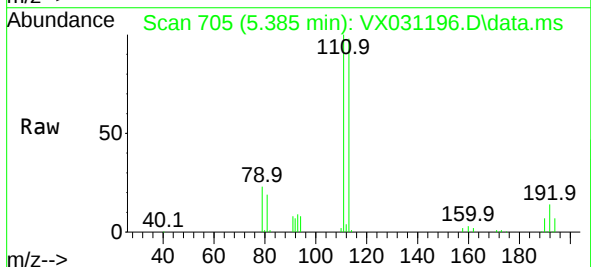
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ClientSampleId :
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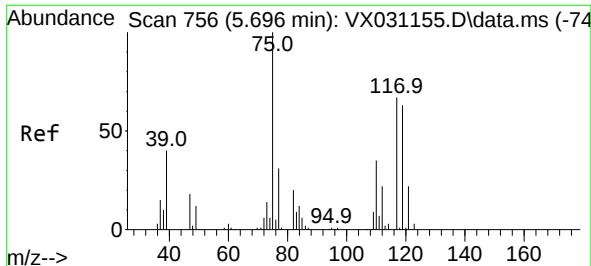
Tgt Ion:114 Resp: 127983
Ion Ratio Lower Upper
114 100
63 22.8 0.0 38.4
88 18.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.362 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion:113 Resp: 77212
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 15.4 14.8 22.2

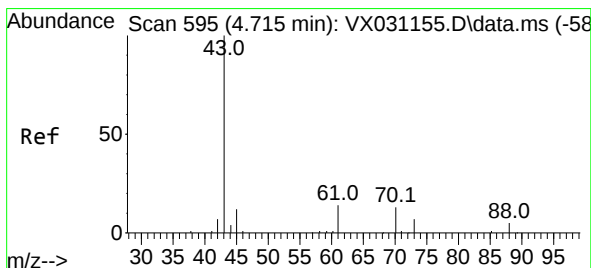
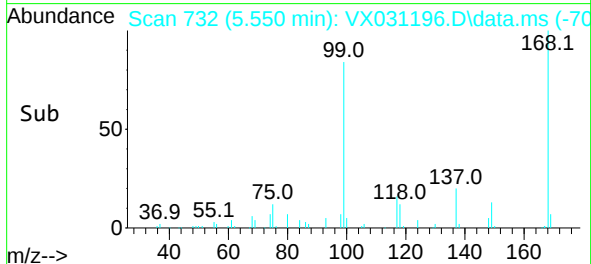
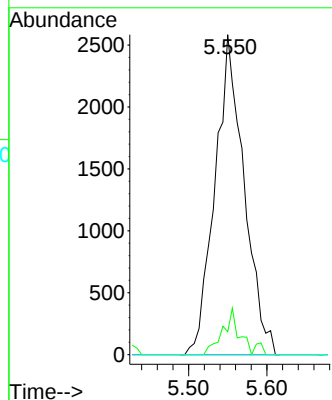
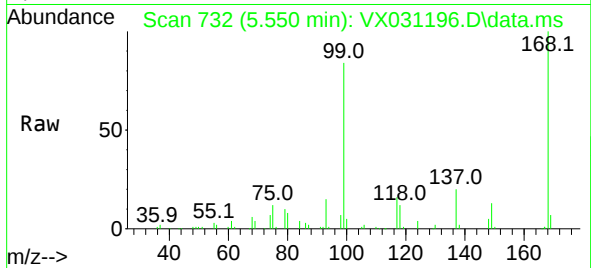




#36
1,1-Dichloropropene
Concen: 3.193 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

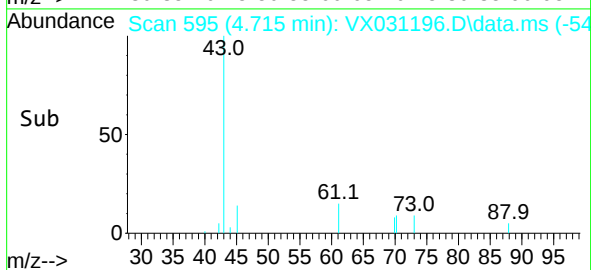
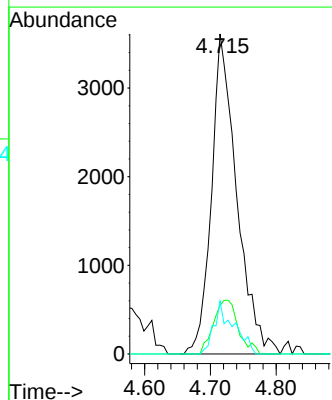
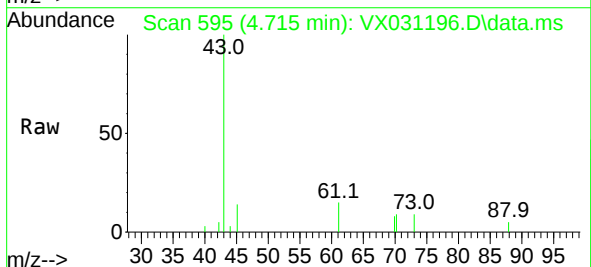
Instrument :
MSVOA_X
ClientSampleId :
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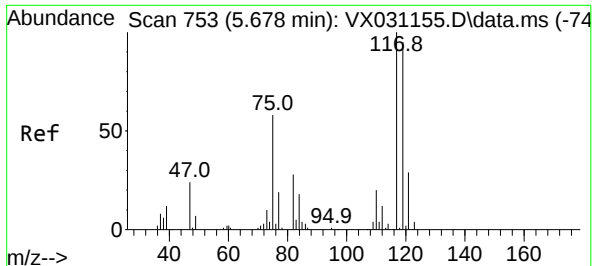
Tgt Ion: 75 Resp: 6668
Ion Ratio Lower Upper
75 100
110 8.0 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.212 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

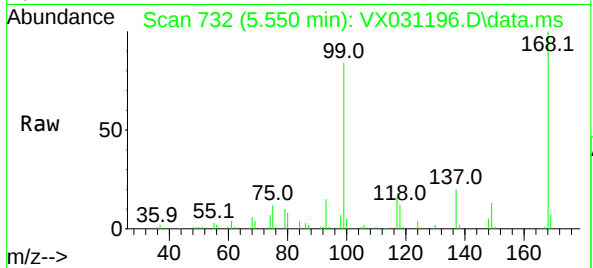
Tgt Ion: 43 Resp: 9657
Ion Ratio Lower Upper
43 100
61 16.5 11.7 17.5
70 12.9 9.3 13.9



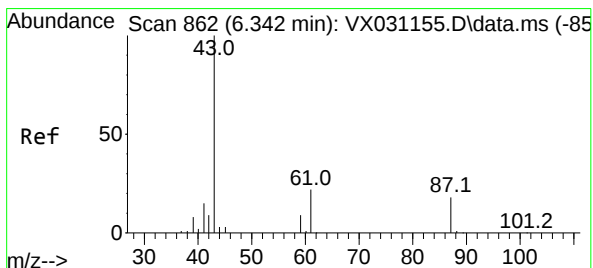
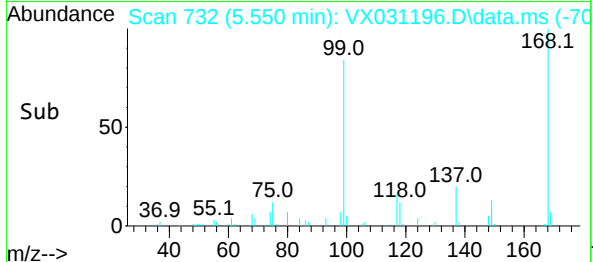
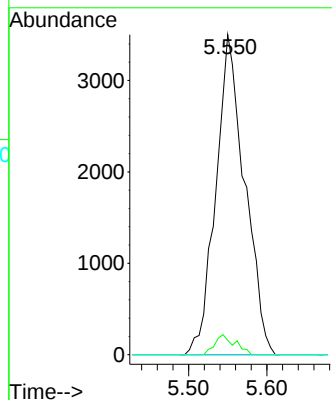


#38
Carbon Tetrachloride
Concen: 4.087 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

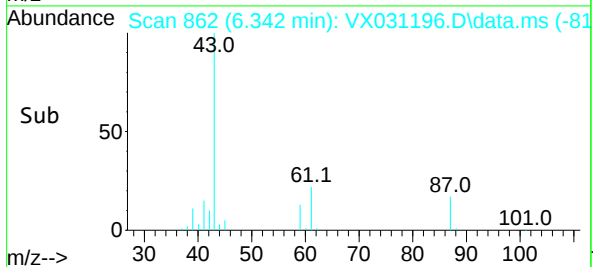
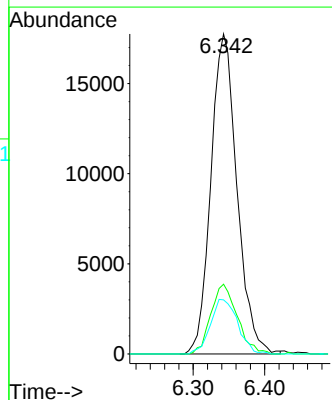
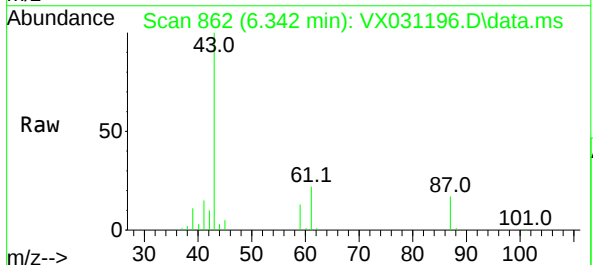


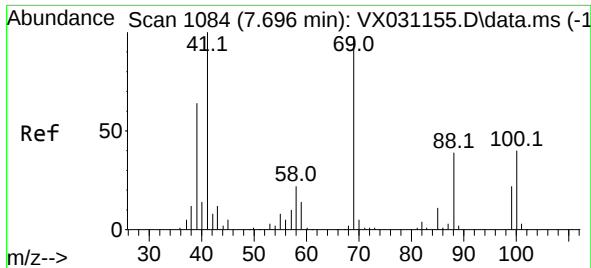
Tgt Ion:117 Resp: 8982
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.8 38.8#



#43
Isopropyl Acetate
Concen: 15.400 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 43 Resp: 44988
Ion Ratio Lower Upper
43 100
61 22.0 16.5 24.7
87 17.8 11.1 16.7#

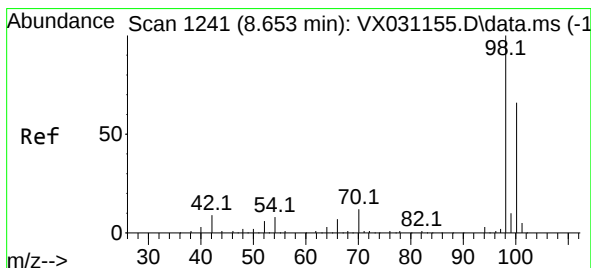
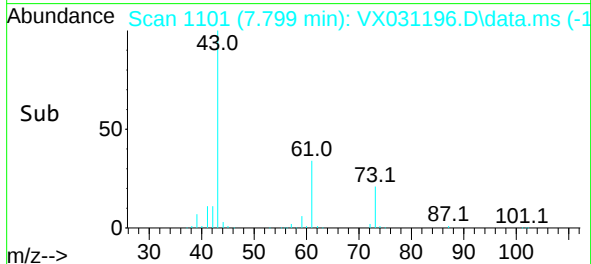
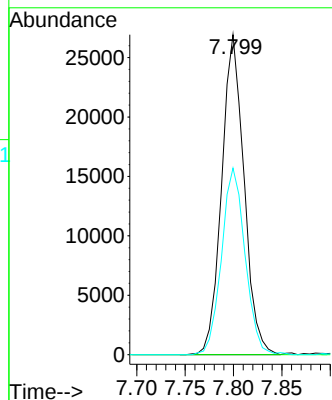
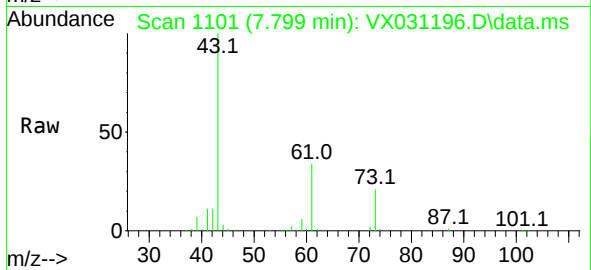




#48
Methyl methacrylate
Concen: 30.371 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

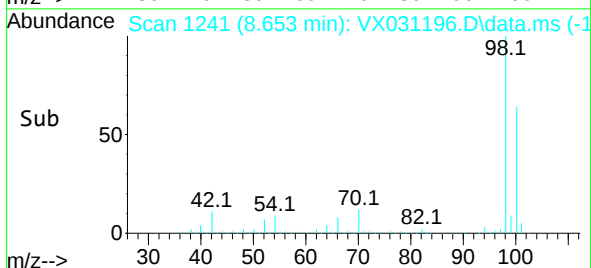
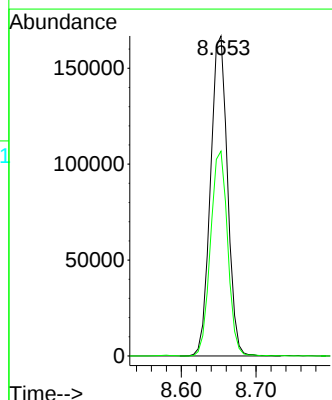
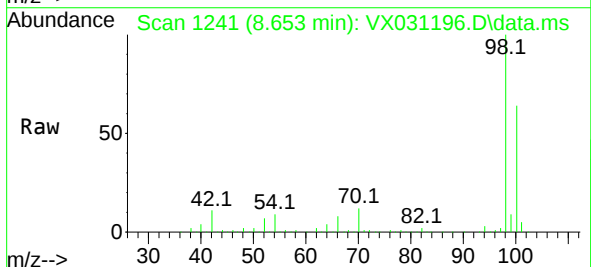
Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

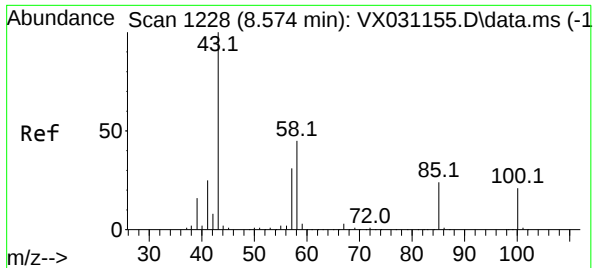
Tgt Ion: 41 Resp: 43205
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 61.4 44.6 66.8



#50
Toluene-d8
Concen: 52.124 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 98 Resp: 264119
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

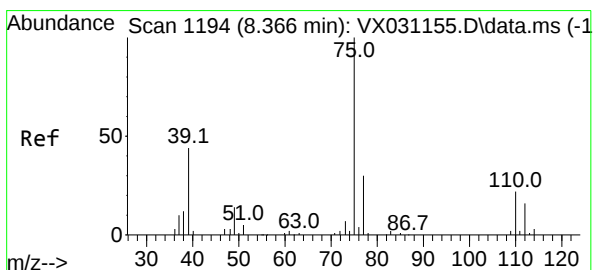
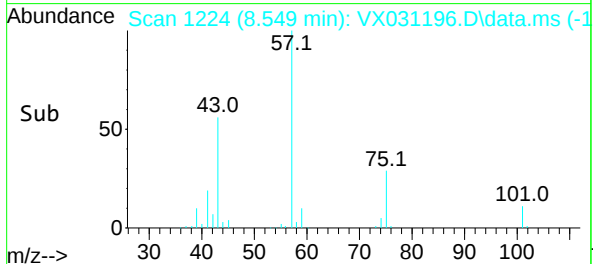
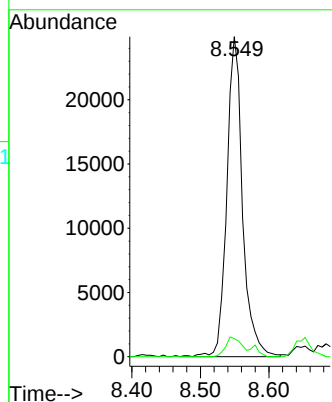
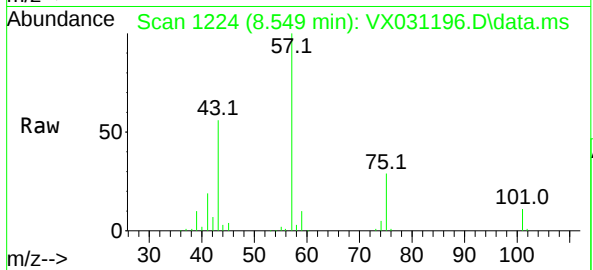




#51
4-Methyl-2-Pentanone
Concen: 22.164 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

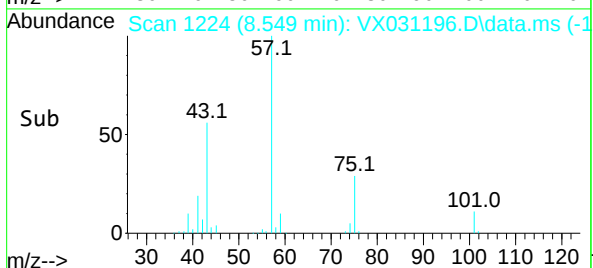
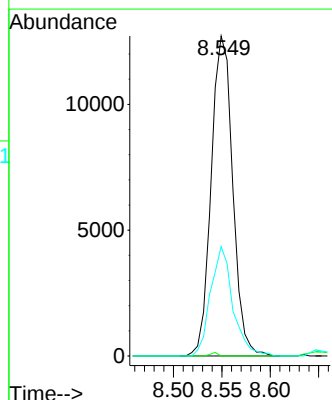
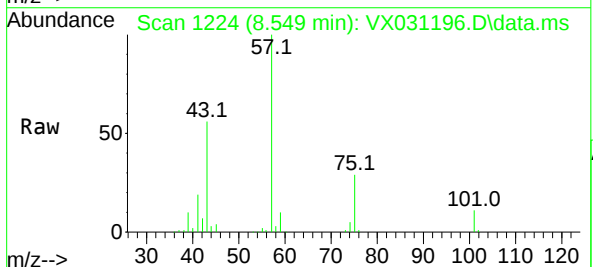
Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

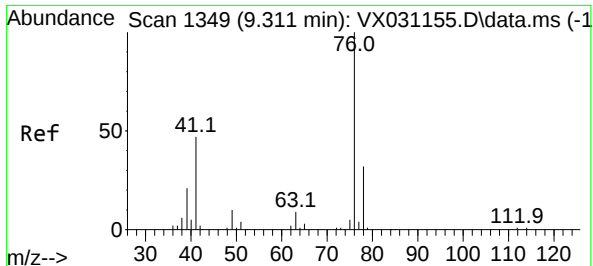
Tgt Ion: 43 Resp: 39648
Ion Ratio Lower Upper
43 100
58 6.2 31.4 47.2#



#54
cis-1,3-Dichloropropene
Concen: 8.179 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 75 Resp: 19675
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 34.2 37.5 56.3#





#57

1,3-Dichloropropane

Concen: 1.042 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX031196.D

Acq: 08 Sep 2022 07:15

Instrument :

MSVOA_X

ClientSampleId :

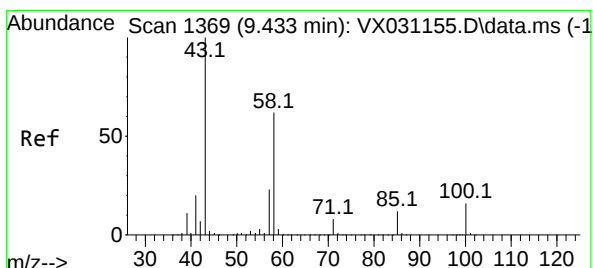
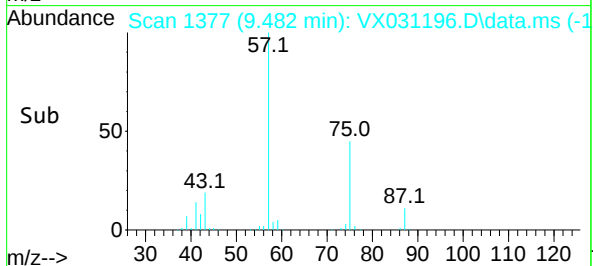
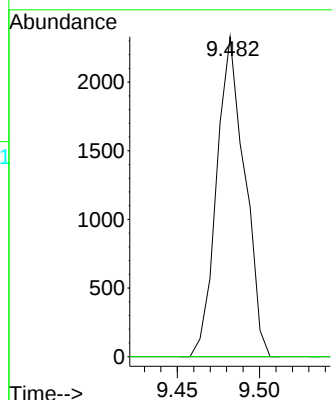
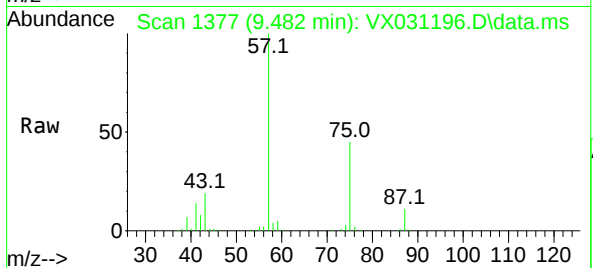
PB147495TB

Tgt Ion: 76 Resp: 2769

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 31.484 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX031196.D

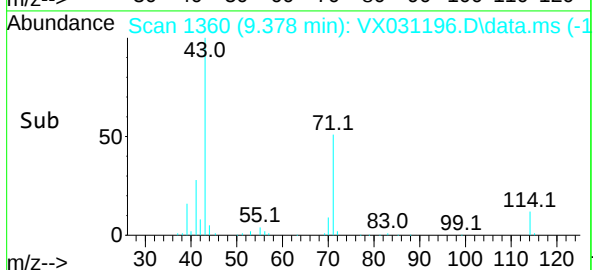
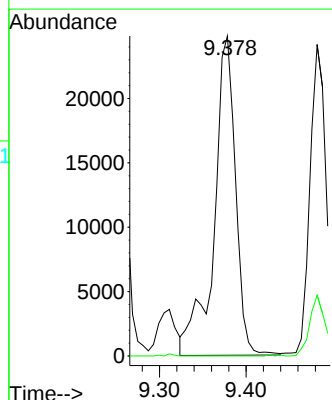
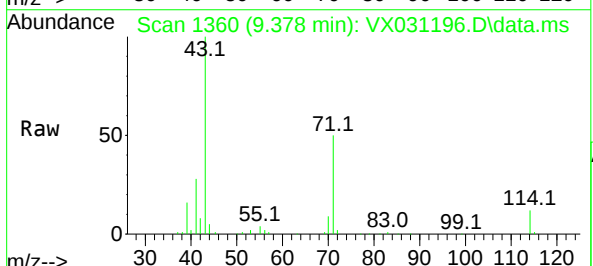
Acq: 08 Sep 2022 07:15

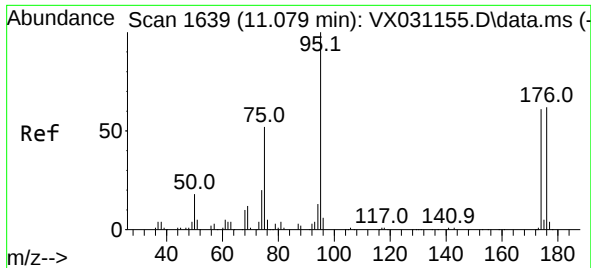
Tgt Ion: 43 Resp: 42592

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.8#

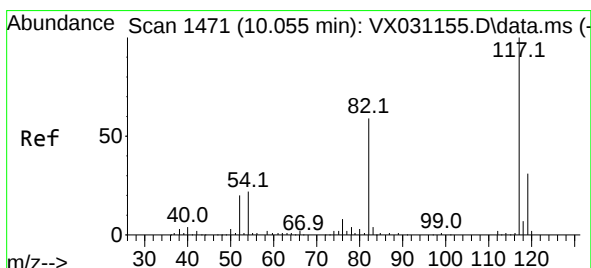
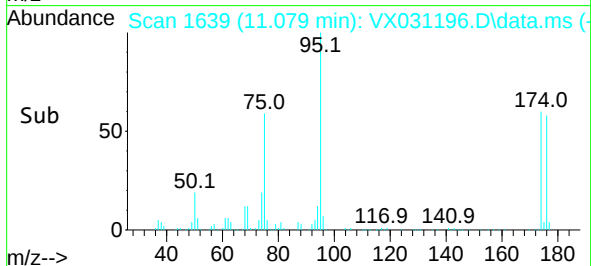
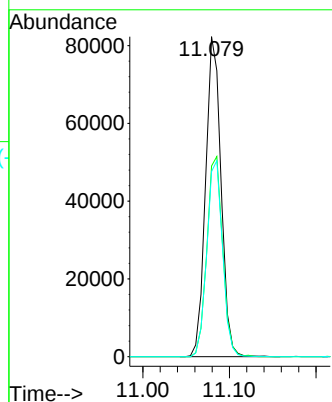
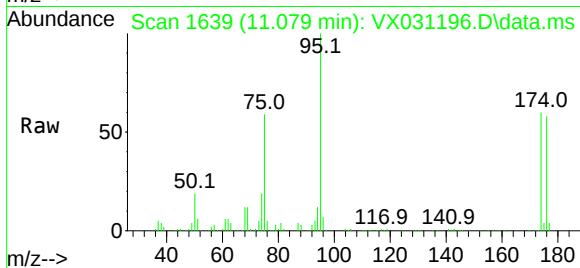




#62
4-Bromofluorobenzene
Concen: 54.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

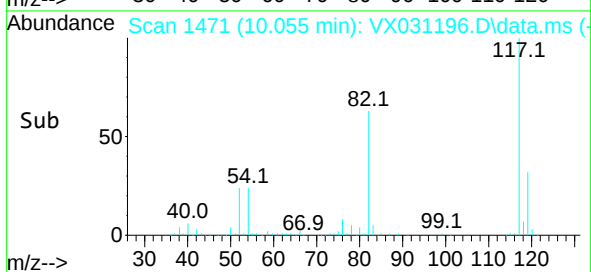
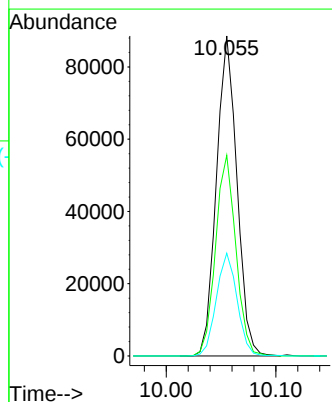
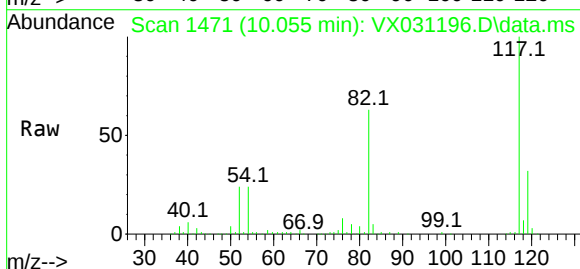
Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

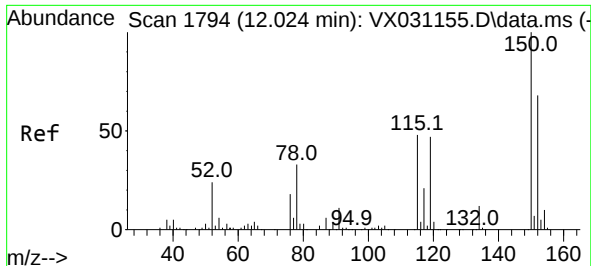
Tgt Ion: 95 Resp: 101774
Ion Ratio Lower Upper
95 100
174 64.0 0.0 149.0
176 62.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 117 Resp: 115207
Ion Ratio Lower Upper
117 100
82 62.7 42.7 64.1
119 32.1 25.4 38.2

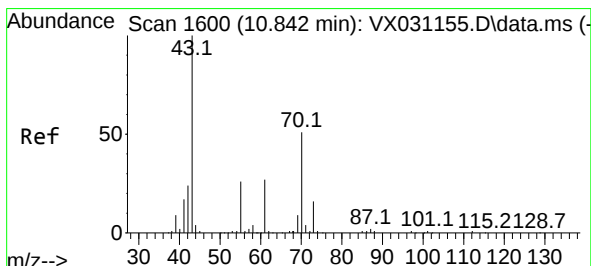
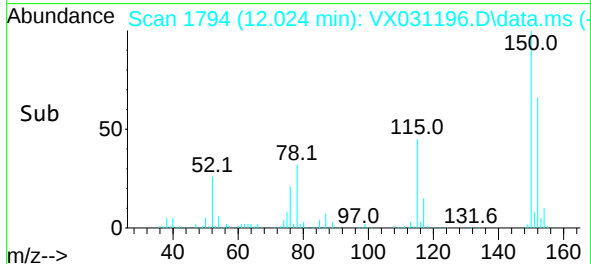
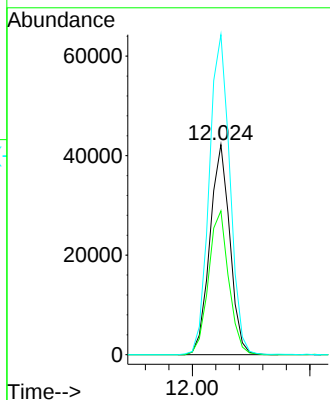
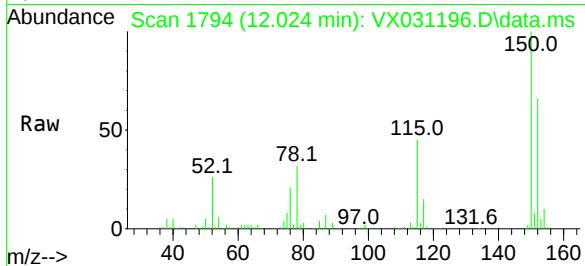




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

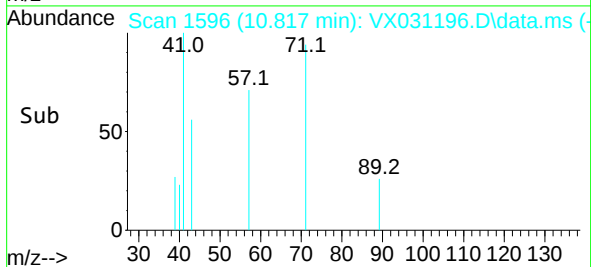
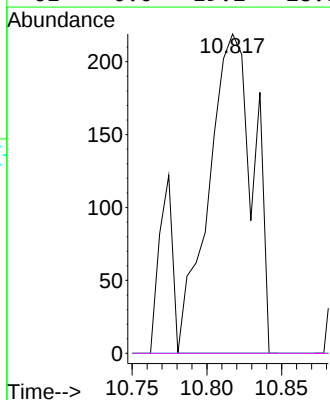
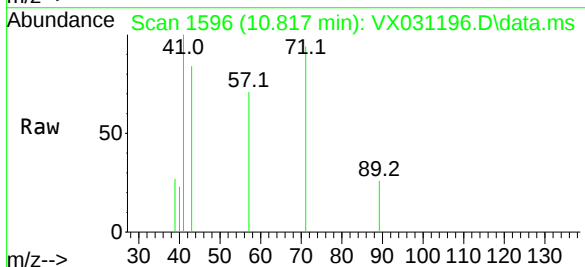
Instrument :
MSVOA_X
ClientSampleId :
PB147495TB

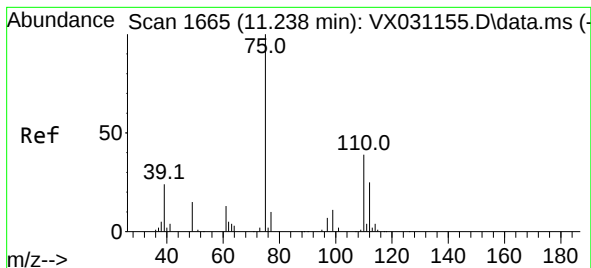
Tgt Ion:152 Resp: 49926
Ion Ratio Lower Upper
152 100
115 69.2 40.5 121.5
150 157.3 0.0 347.0



#74
N-ethyl acetate
Concen: 0.330 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX031196.D
Acq: 08 Sep 2022 07:15

Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
70 0.0 32.3 48.5#
55 0.0 18.4 27.6#
61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 43.287 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031196.D

Acq: 08 Sep 2022 07:15

Instrument :

MSVOA_X

ClientSampleId :

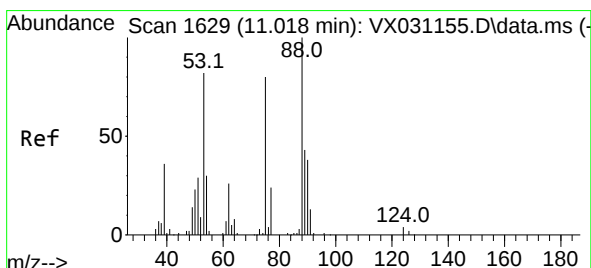
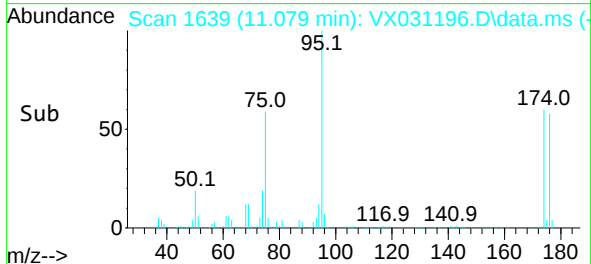
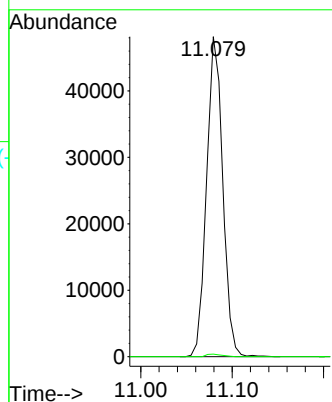
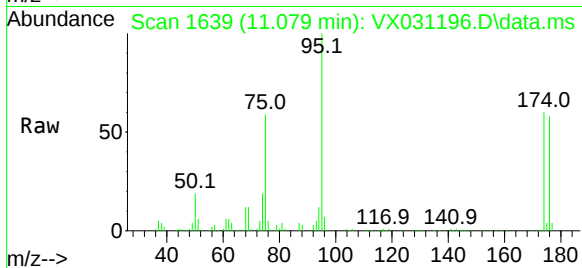
PB147495TB

Tgt Ion: 75 Resp: 58981

Ion Ratio Lower Upper

75 100

77 0.8 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.595 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031196.D

Acq: 08 Sep 2022 07:15

Tgt Ion: 75 Resp: 58981

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

