

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031344.D
 Acq On : 15 Sep 2022 07:32
 Operator : JC/MD
 Sample : N4579-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 11:12:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

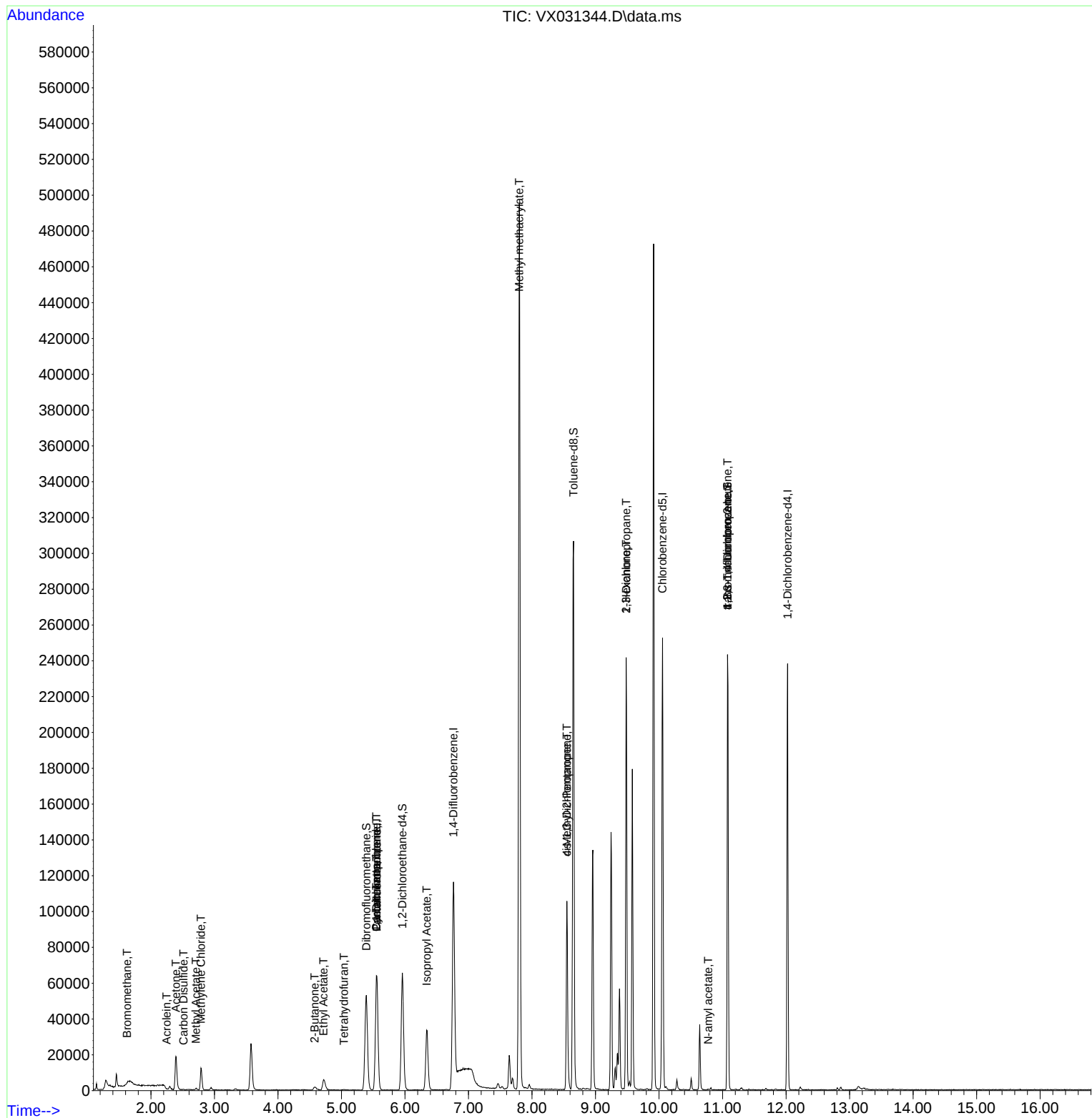
Internal Standards						
1) Pentafluorobenzene	5.556	168	56682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59274	42.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.200%
35) Dibromofluoromethane	5.391	113	43834	39.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.320%
50) Toluene-d8	8.653	98	173887	41.417	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.840%#
62) 4-Bromofluorobenzene	11.079	95	59632	38.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.580%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	296	Below Cal	#	41
5) Bromomethane	1.624	94	239	0.322	ug/l	94
11) Tert butyl alcohol	2.941	59	638	Below Cal	#	73
13) Acrolein	2.245	56	79	0.492	ug/l	95
16) Acetone	2.392	43	23367	39.342	ug/l	98
17) Carbon Disulfide	2.514	76	150	0.957	ug/l	# 75
18) Methyl Acetate	2.709	43	1269	0.721	ug/l	# 80
20) Methylene Chloride	2.788	84	5065	3.203	ug/l	98
25) 2-Butanone	4.574	43	3158	3.223	ug/l	97
29) Tetrahydrofuran	5.038	42	233	0.384	ug/l	# 32
31) Cyclohexane	5.550	56	1715	1.147	ug/l	# 29
36) 1,1-Dichloropropene	5.550	75	5400	3.525	ug/l	# 48
37) Ethyl Acetate	4.715	43	10926	5.427	ug/l	97
38) Carbon Tetrachloride	5.550	117	6225	3.738	ug/l	# 16
43) Isopropyl Acetate	6.342	43	47942	13.951	ug/l	96
48) Methyl methacrylate	7.799	41	44124	28.206	ug/l	# 46
51) 4-Methyl-2-Pentanone	8.549	43	38010	18.197	ug/l	# 50
54) cis-1,3-Dichloropropene	8.549	75	14993	7.298	ug/l	# 65
57) 1,3-Dichloropropane	9.482	76	1958	0.928	ug/l	# 43
59) 2-Hexanone	9.482	43	28849	18.096	ug/l	# 51
74) N-amyl acetate	10.774	43	488	0.314	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	34774	32.627	ug/l	# 36
81) trans-1,4-Dichloro-2-b...	11.079	75	34774	90.279	ug/l	# 11

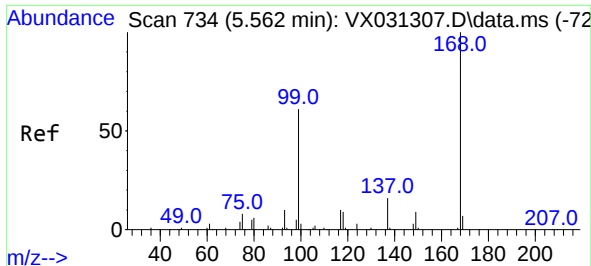
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

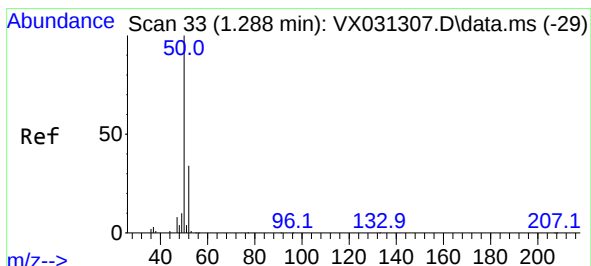
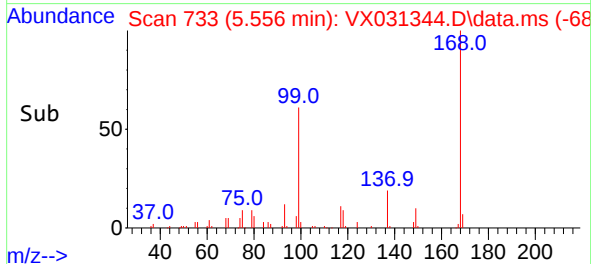
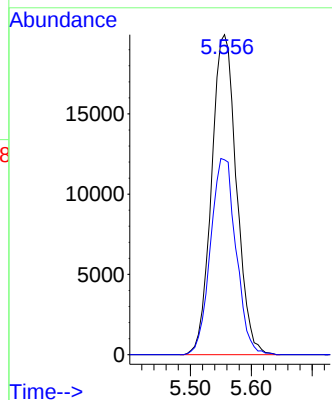
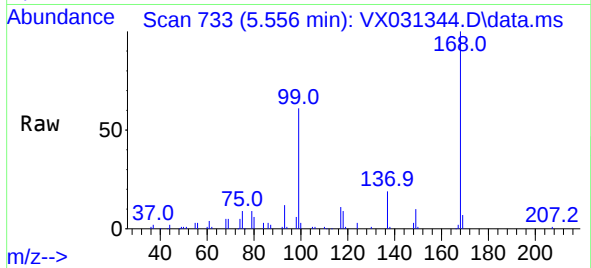




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

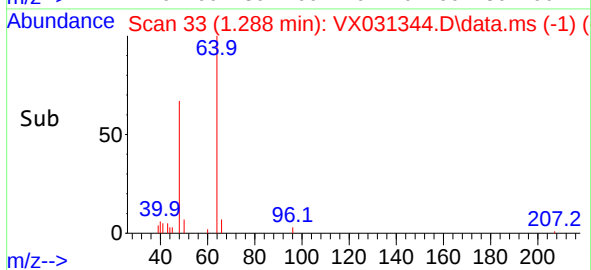
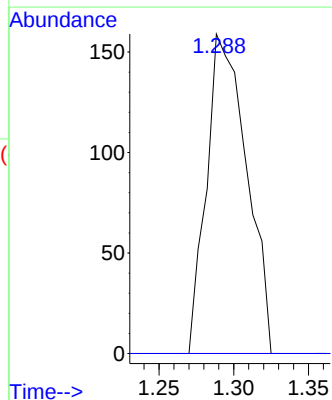
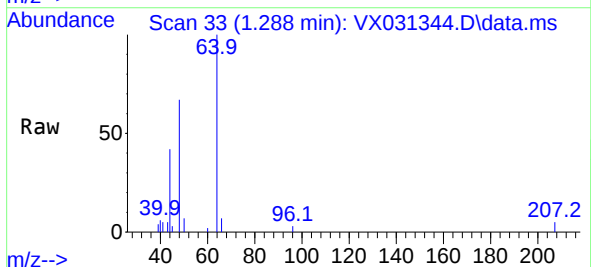
Instrument :
MSVOA_X
ClientSampleId :

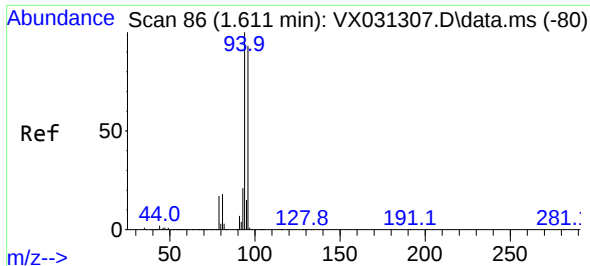
Tgt Ion:168 Resp: 56682
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

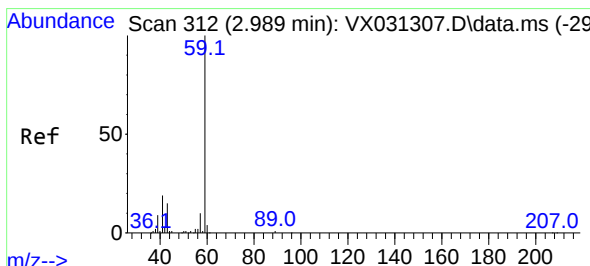
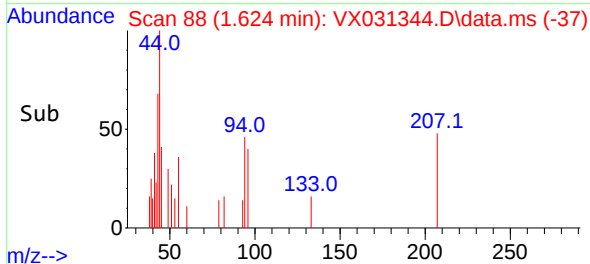
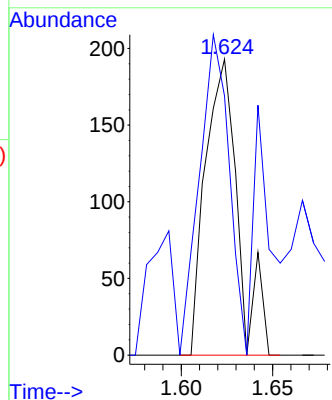
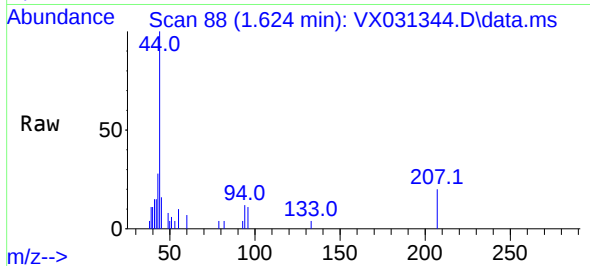




#5
Bromomethane
Concen: 0.322 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

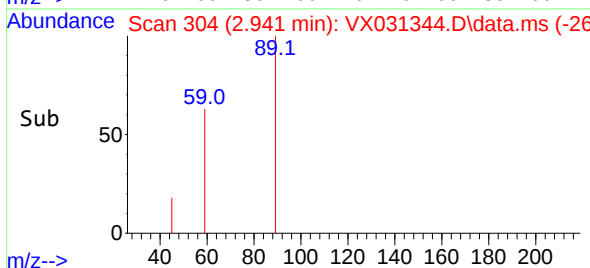
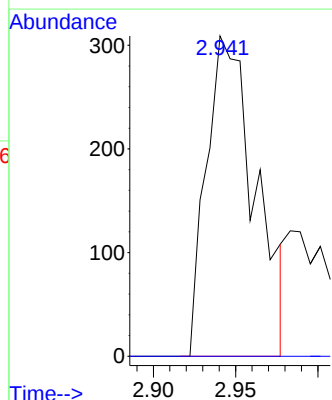
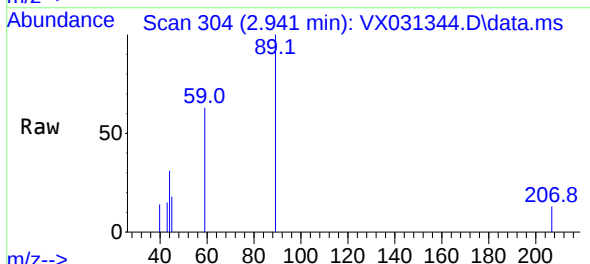
Instrument :
MSVOA_X
ClientSampleId :

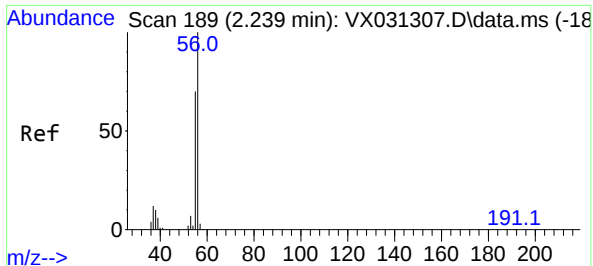
Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 87.6 74.4 111.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Tgt Ion: 59 Resp: 638
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.492 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

Instrument :

MSVOA_X

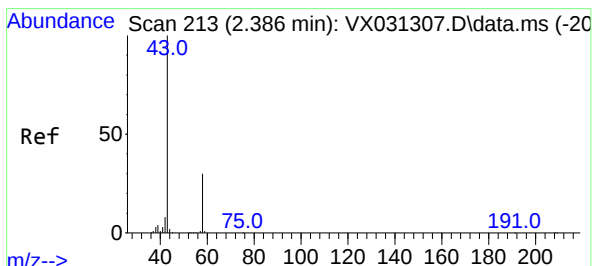
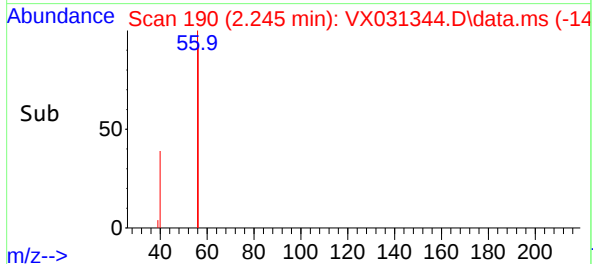
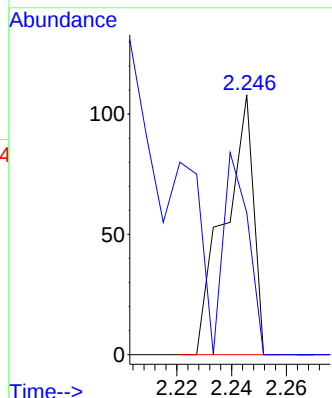
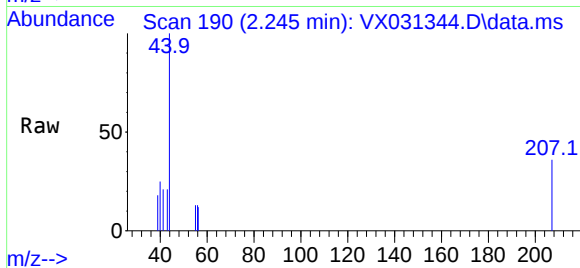
ClientSampleId :

Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 65.8 56.0 84.0



#16

Acetone

Concen: 39.342 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031344.D

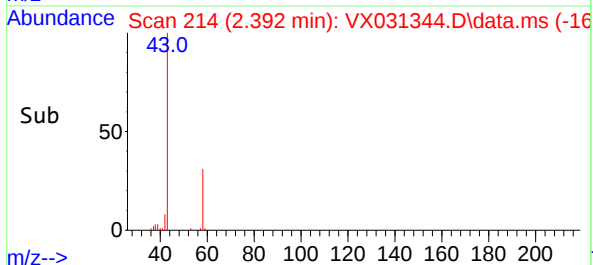
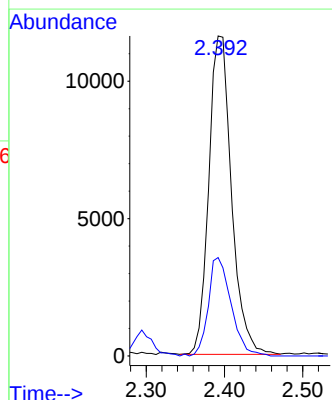
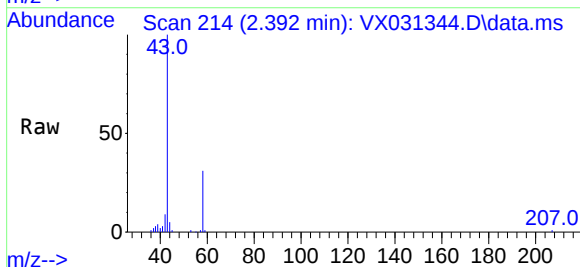
Acq: 15 Sep 2022 07:32

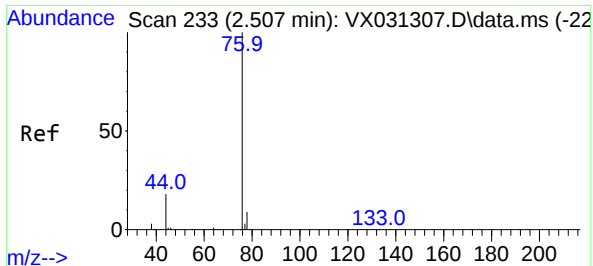
Tgt Ion: 43 Resp: 23367

Ion Ratio Lower Upper

43 100

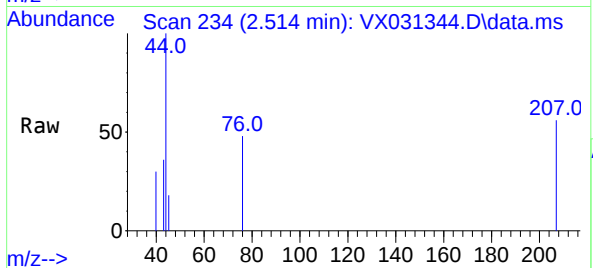
58 30.9 23.8 35.8



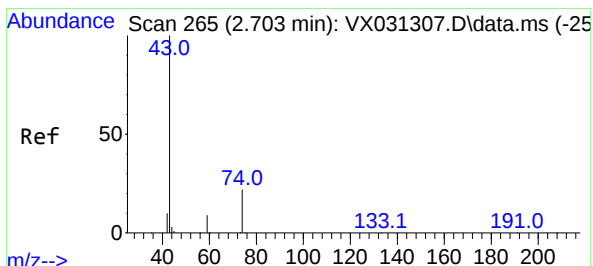
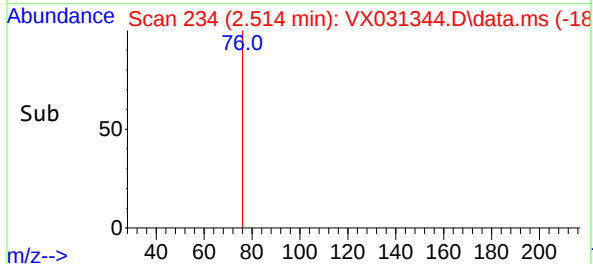
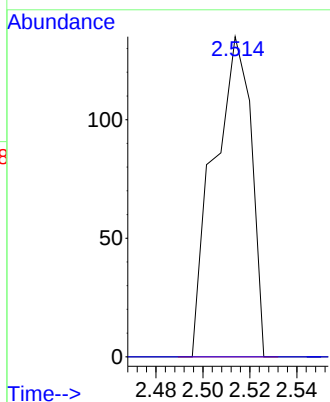


#17
Carbon Disulfide
Concen: 0.957 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Instrument :
MSVOA_X
ClientSampleId :

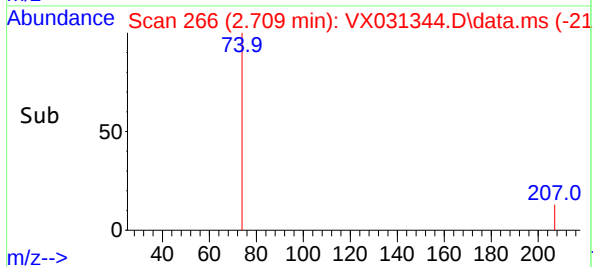
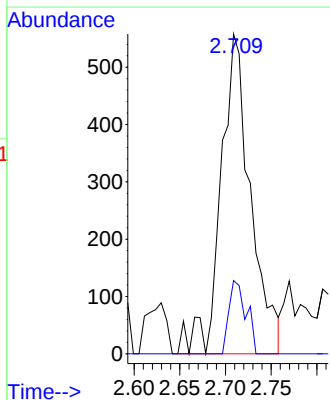
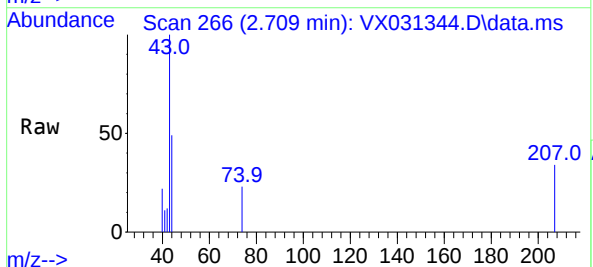


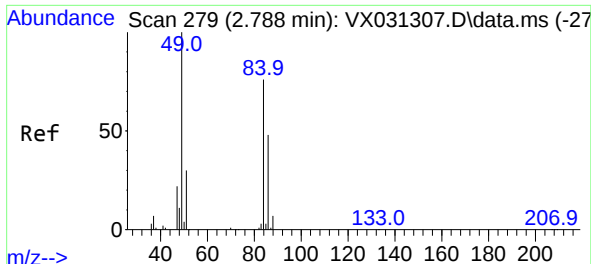
Tgt Ion: 76 Resp: 150
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.721 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

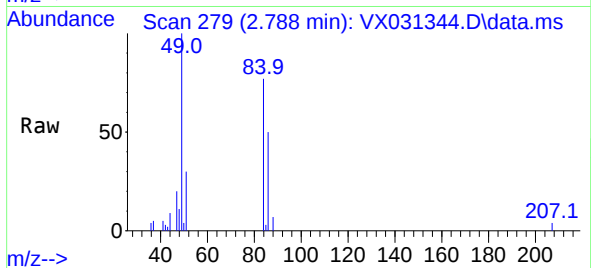
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
74 13.2 18.6 27.8#





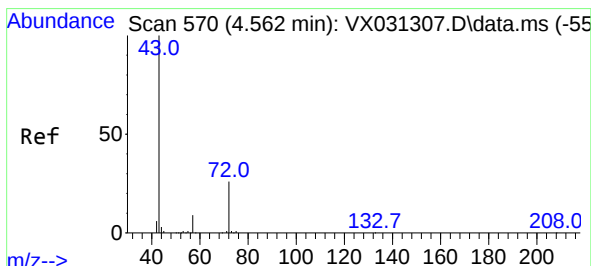
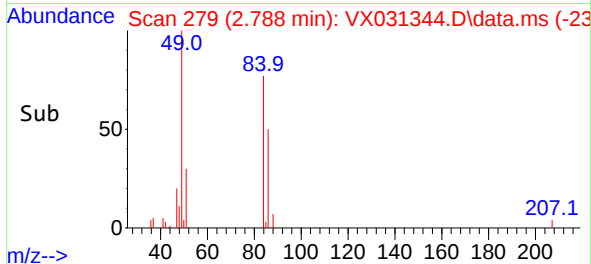
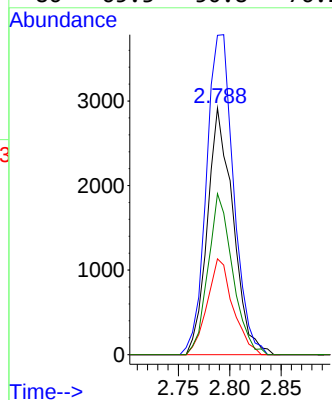
#20
Methylene Chloride
Concen: 3.203 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 5065

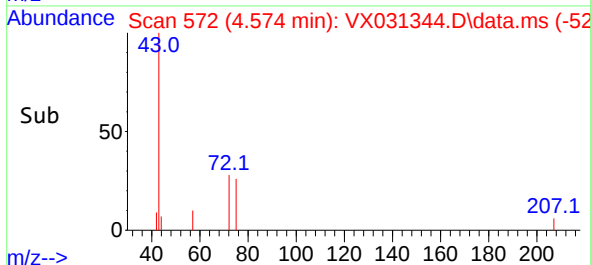
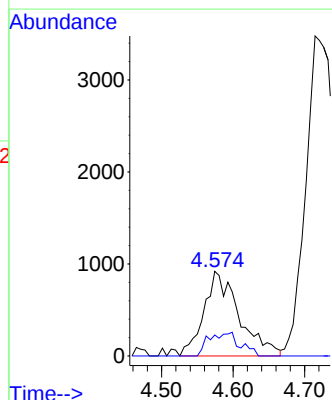
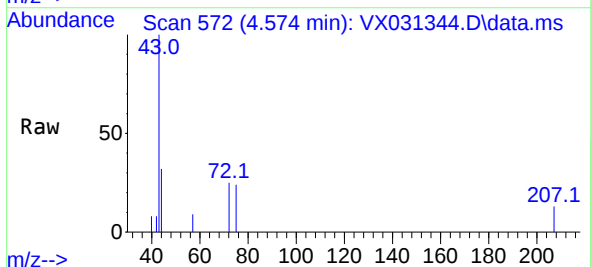
Ion	Ratio	Lower	Upper
84	100		
49	129.5	105.9	158.9
51	38.9	32.2	48.2
86	65.3	50.8	76.2

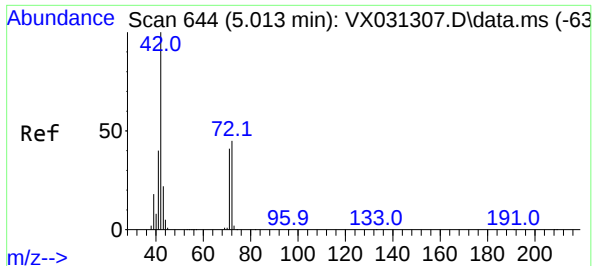


#25
2-Butanone
Concen: 3.223 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Tgt Ion: 43 Resp: 3158

Ion	Ratio	Lower	Upper
43	100		
72	24.8	21.1	31.7





#29

Tetrahydrofuran

Concen: 0.384 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

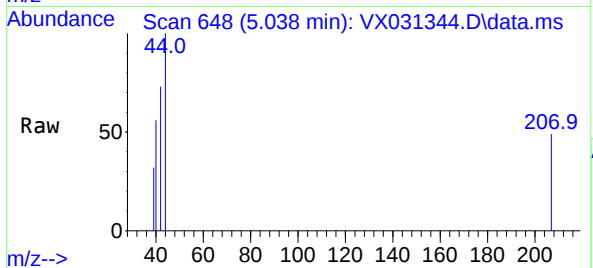
Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

Instrument :

MSVOA_X

ClientSampleId :



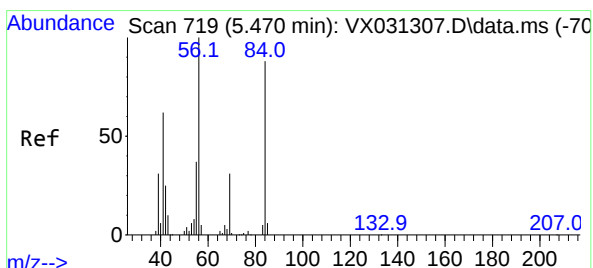
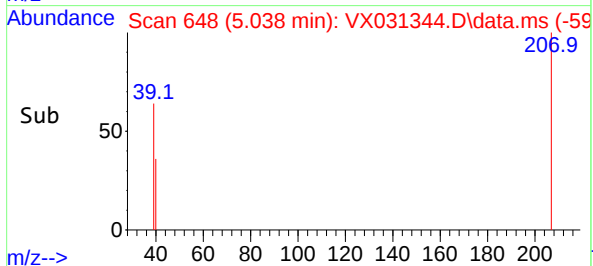
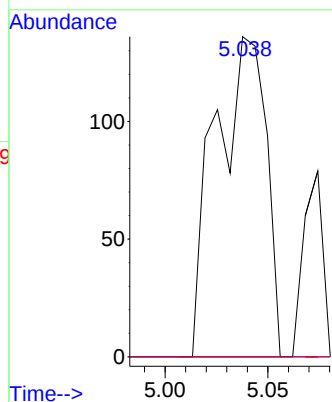
Tgt Ion: 42 Resp: 233

Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 0.0 33.5 50.3#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

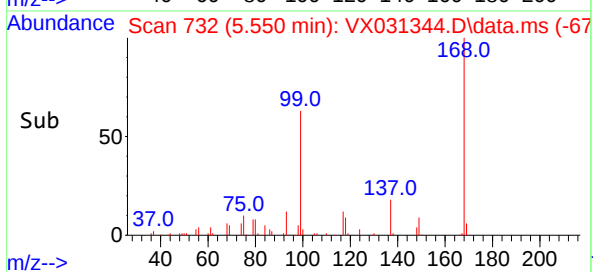
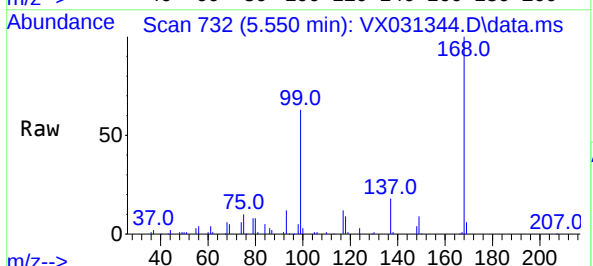
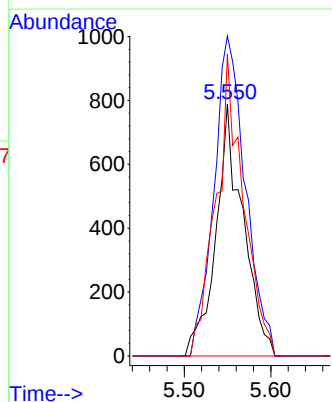
Tgt Ion: 56 Resp: 1715

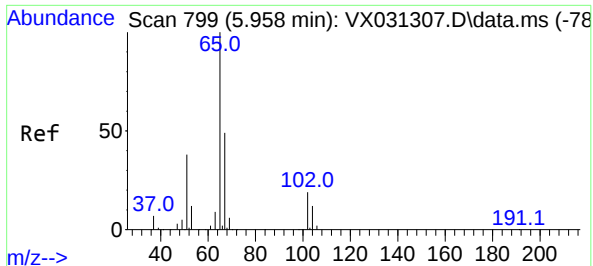
Ion Ratio Lower Upper

56 100

69 127.0 25.1 37.7#

84 119.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 42.604 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

Instrument :

MSVOA_X

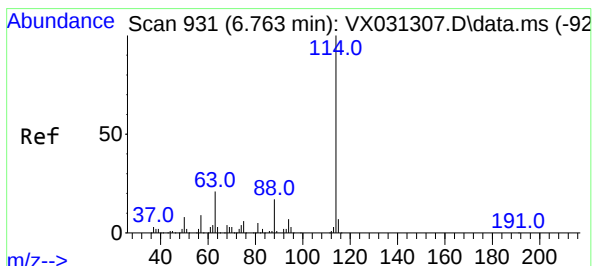
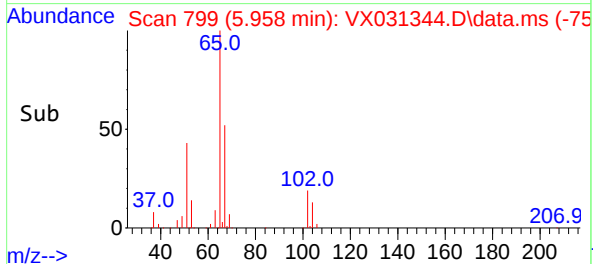
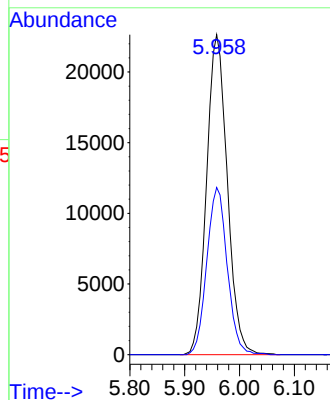
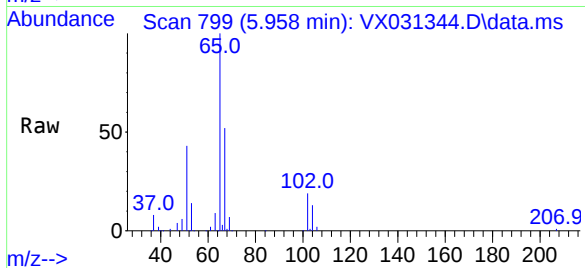
ClientSampleId :

Tgt Ion: 65 Resp: 59274

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# 931

Delta R.T. 0.000 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

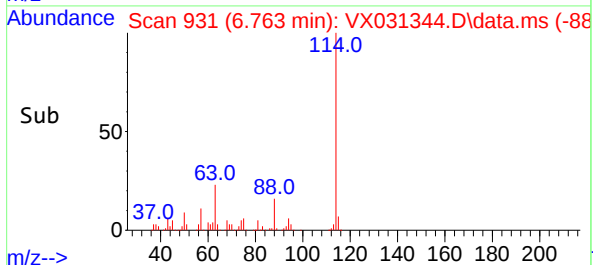
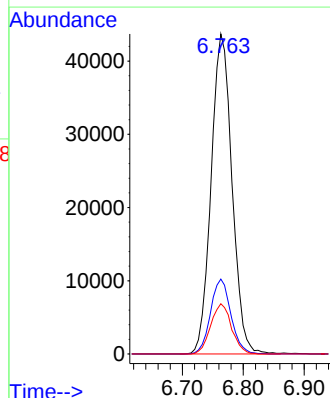
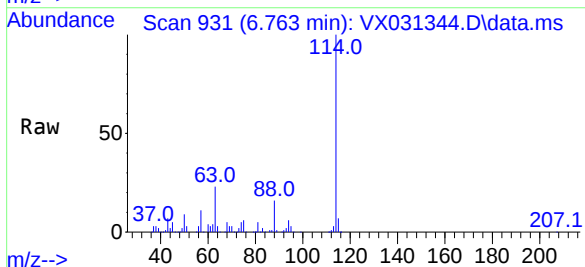
Tgt Ion: 114 Resp: 104123

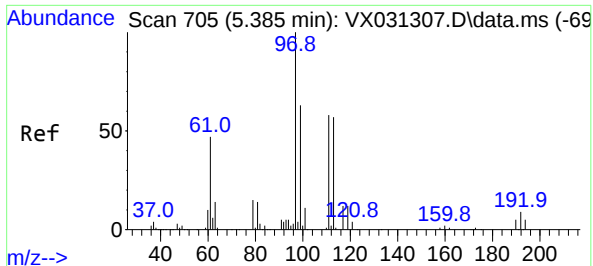
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.6

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 39.164 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

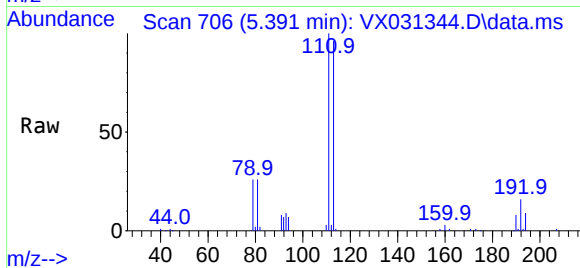
Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

Instrument :

MSVOA_X

ClientSampleId :



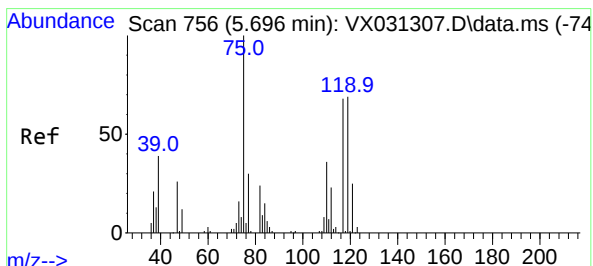
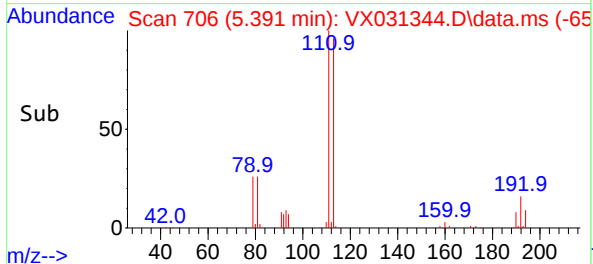
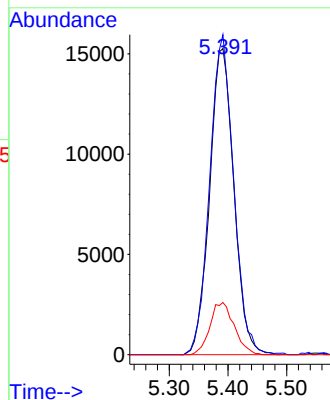
Tgt Ion:113 Resp: 43834

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.1 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.525 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

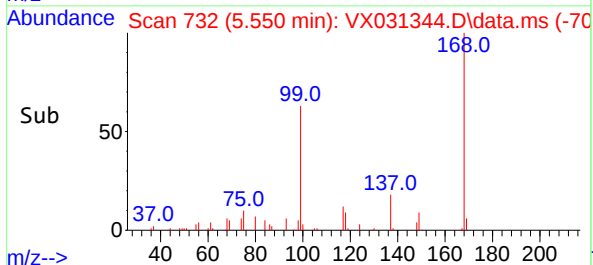
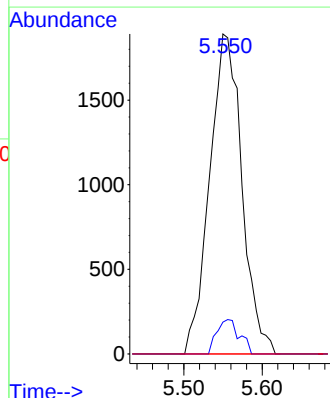
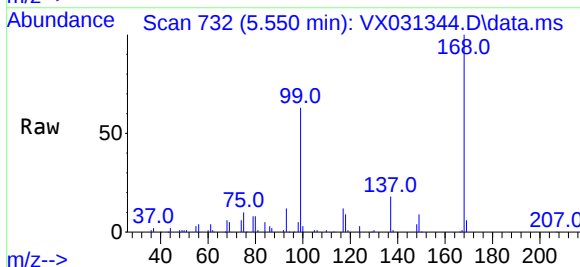
Tgt Ion: 75 Resp: 5400

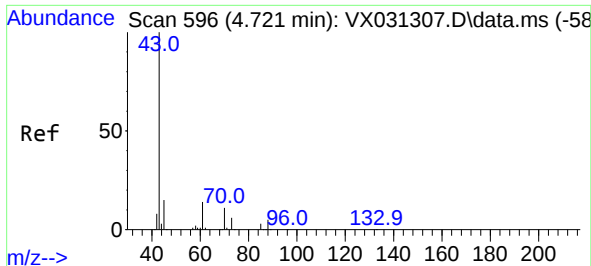
Ion Ratio Lower Upper

75 100

110 7.6 17.5 52.5#

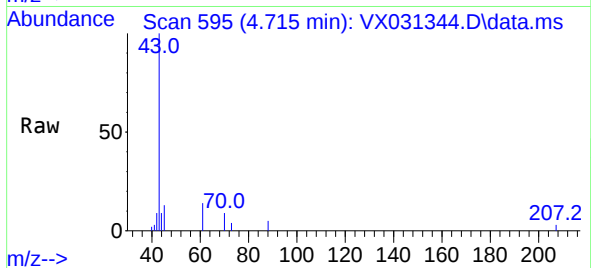
77 0.0 24.9 37.3#



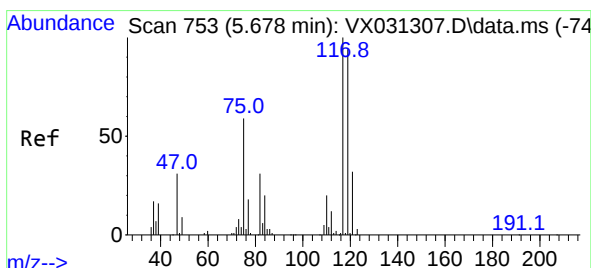
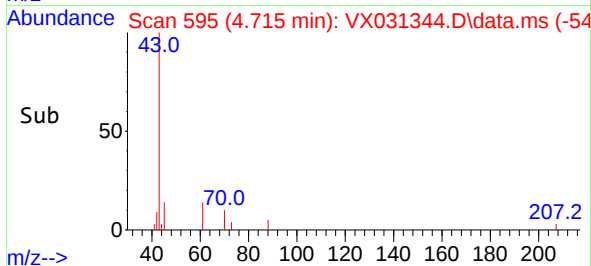
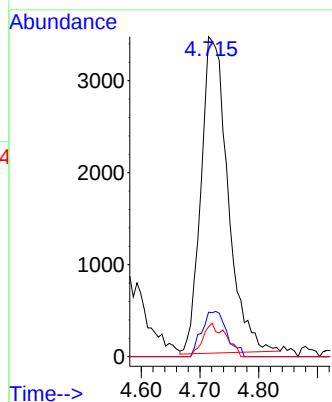


#37
Ethyl Acetate
Concen: 5.427 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Instrument :
MSVOA_X
ClientSampleId :

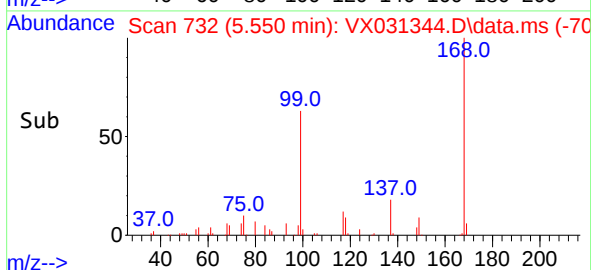
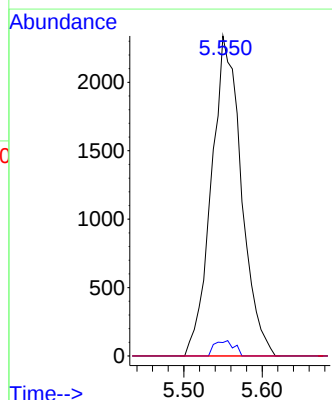
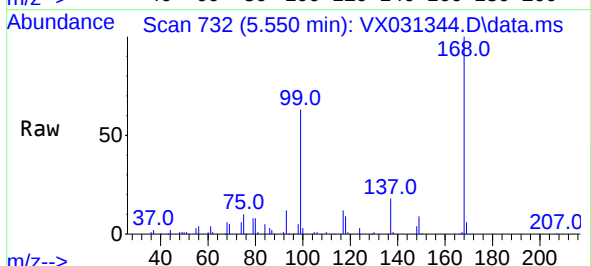


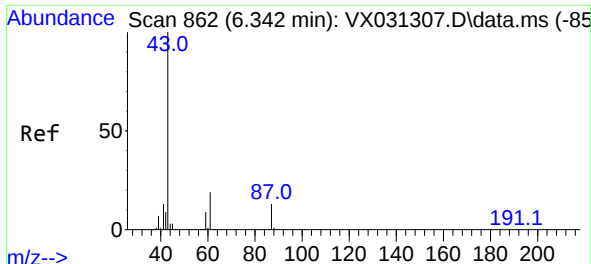
Tgt Ion: 43 Resp: 10926
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 9.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 3.738 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

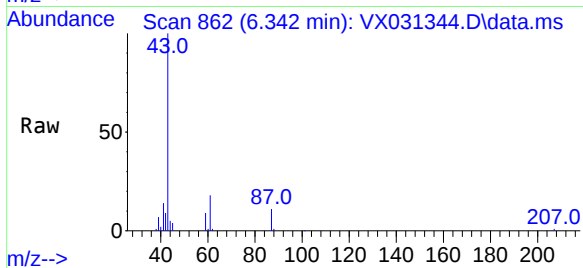
Tgt Ion: 117 Resp: 6225
Ion Ratio Lower Upper
117 100
119 4.2 74.6 112.0#
121 0.0 25.3 37.9#



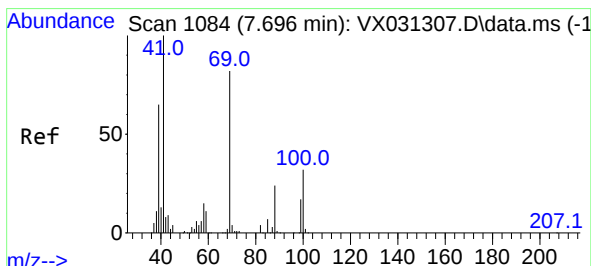
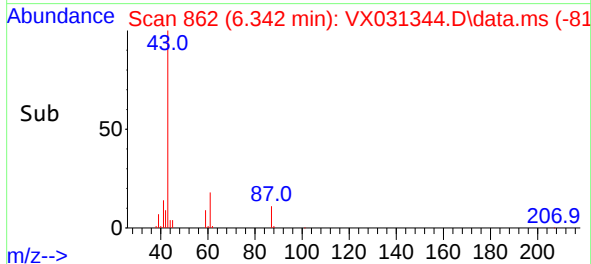
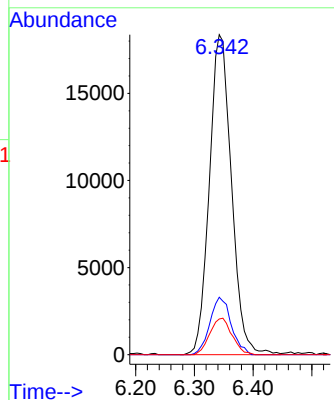


#43
Isopropyl Acetate
Concen: 13.951 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Instrument :
MSVOA_X
ClientSampleId :

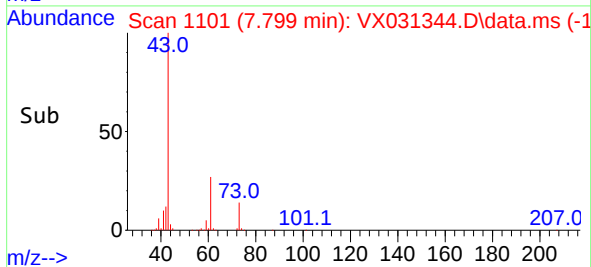
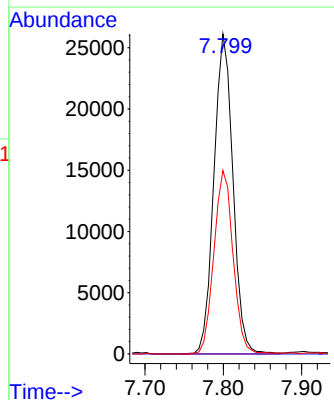
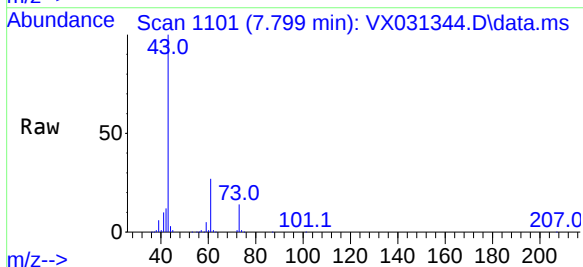


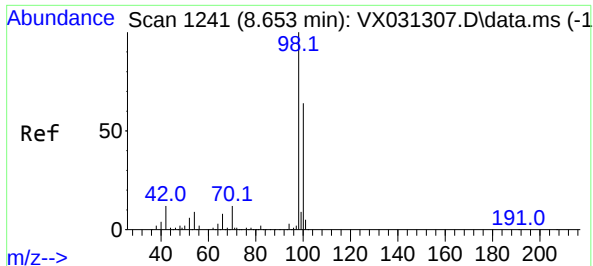
Tgt Ion: 43 Resp: 47942
Ion Ratio Lower Upper
43 100
61 17.4 15.3 22.9
87 11.4 10.6 15.8



#48
Methyl methacrylate
Concen: 28.206 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Tgt Ion: 41 Resp: 44124
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 58.0 51.4 77.0

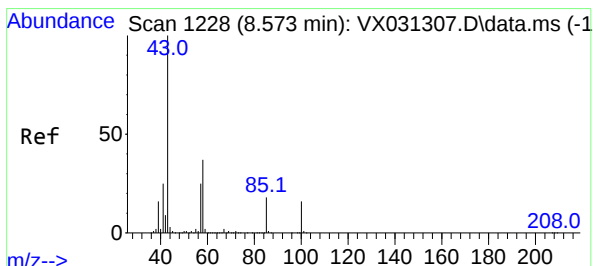
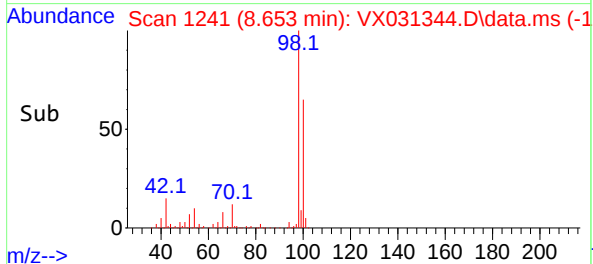
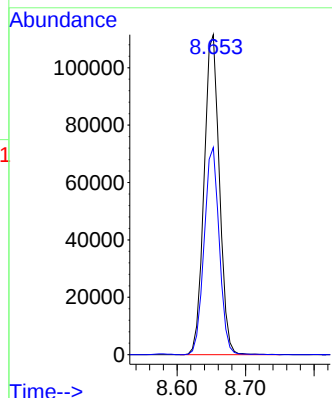
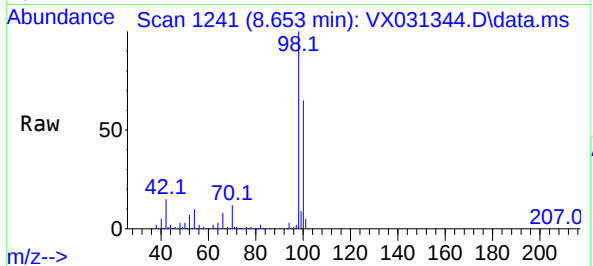




#50
Toluene-d8
Concen: 41.417 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

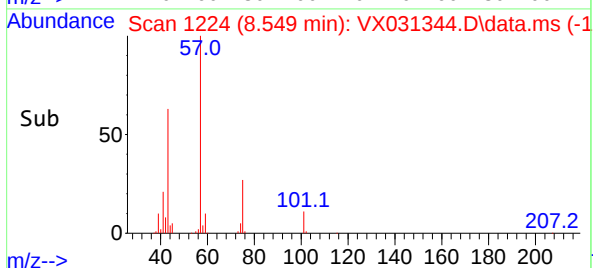
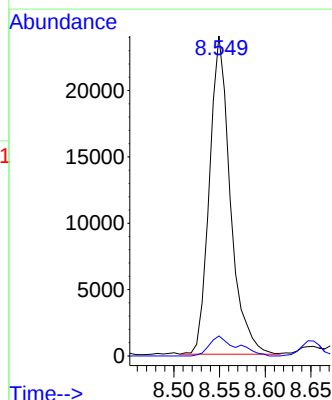
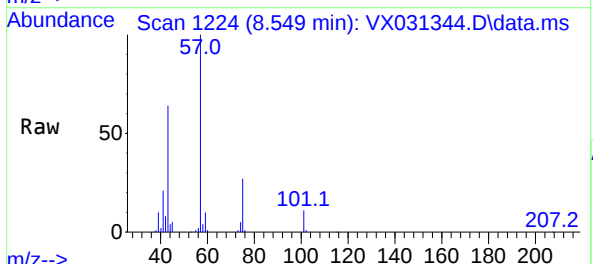
Instrument :
MSVOA_X
ClientSampleId :

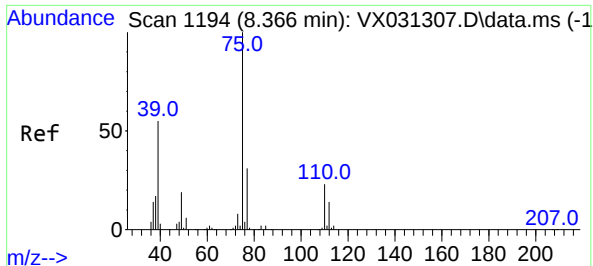
Tgt Ion: 98 Resp: 173887
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 18.197 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

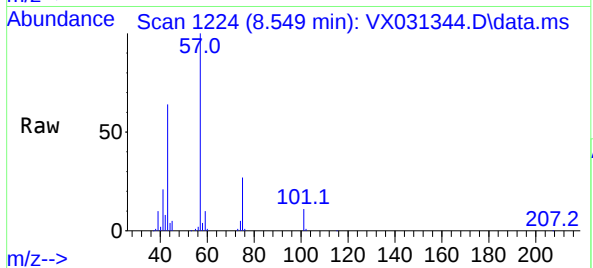
Tgt Ion: 43 Resp: 38010
Ion Ratio Lower Upper
43 100
58 8.2 30.6 46.0#



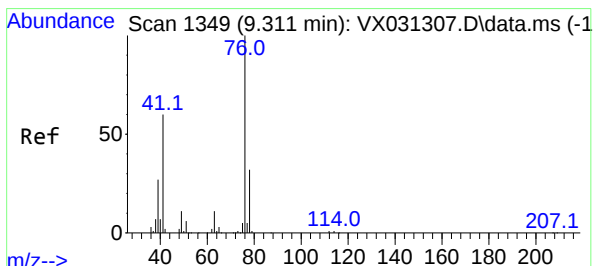
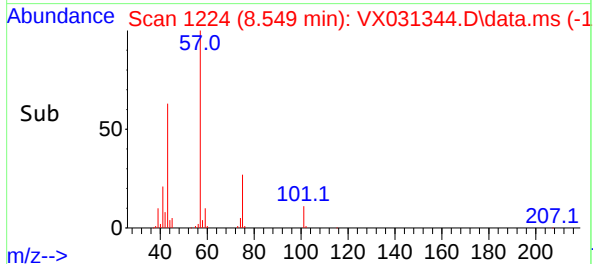
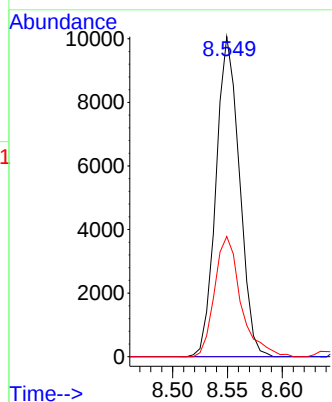


#54
 cis-1,3-Dichloropropene
 Concen: 7.298 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX031344.D
 Acq: 15 Sep 2022 07:32

Instrument :
 MSVOA_X
 ClientSampleId :

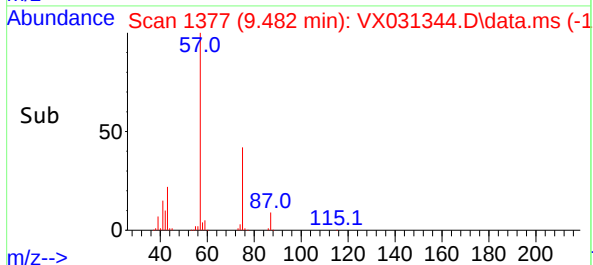
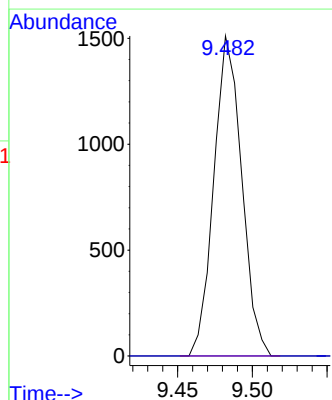
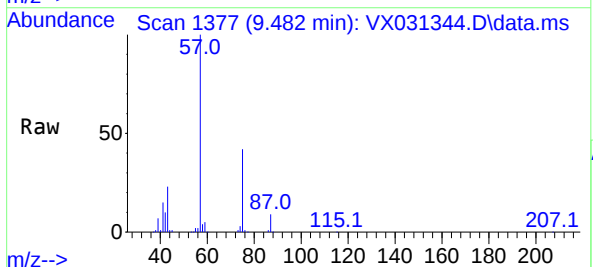


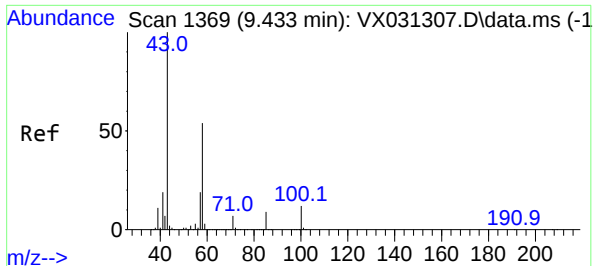
Tgt Ion: 75 Resp: 14993
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.4 36.6#
 39 37.6 43.7 65.5#



#57
 1,3-Dichloropropane
 Concen: 0.928 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX031344.D
 Acq: 15 Sep 2022 07:32

Tgt Ion: 76 Resp: 1958
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 18.096 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

Instrument :

MSVOA_X

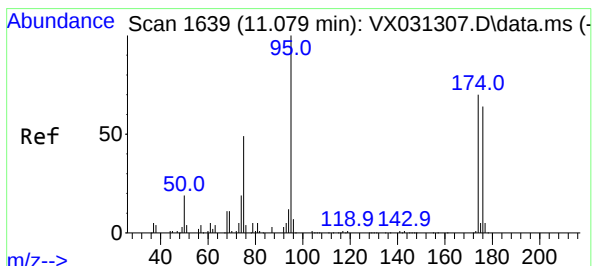
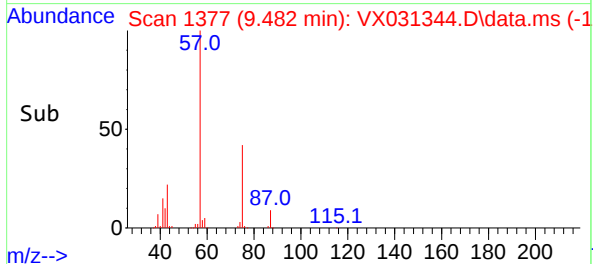
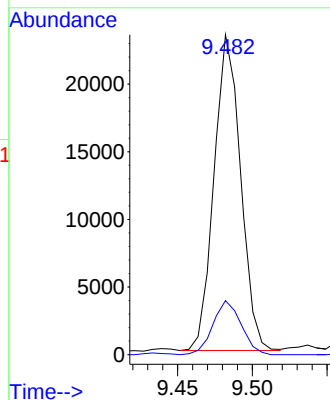
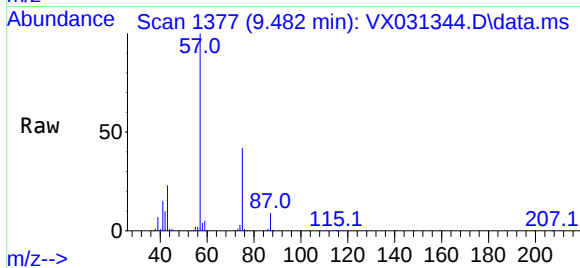
ClientSampleId :

Tgt Ion: 43 Resp: 28849

Ion Ratio Lower Upper

43 100

58 18.2 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 38.787 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031344.D

Acq: 15 Sep 2022 07:32

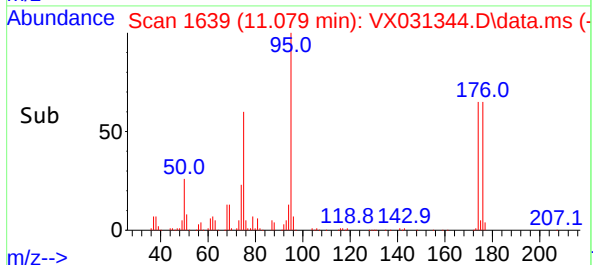
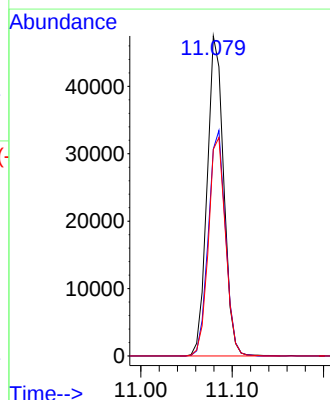
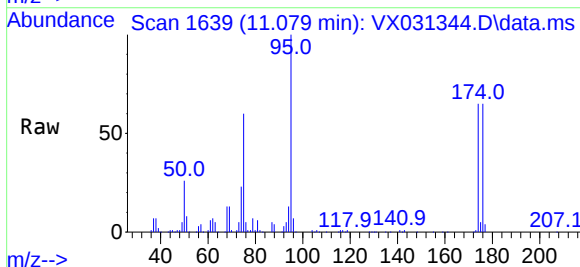
Tgt Ion: 95 Resp: 59632

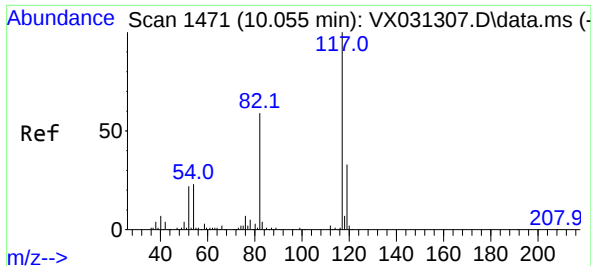
Ion Ratio Lower Upper

95 100

174 72.5 0.0 153.2

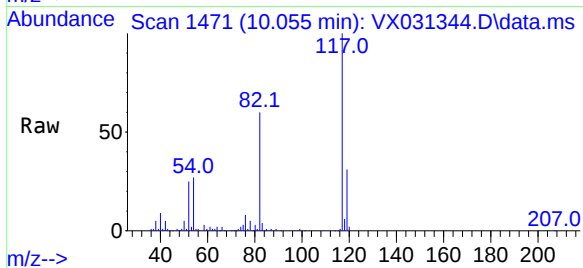
176 69.9 0.0 144.0



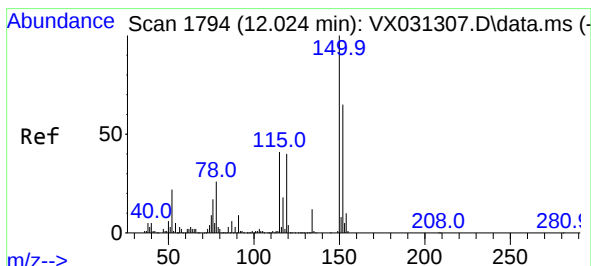
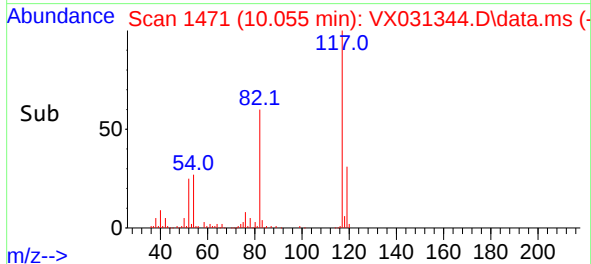
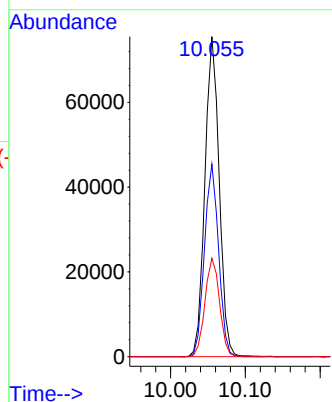


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Instrument :
MSVOA_X
ClientSampleId :

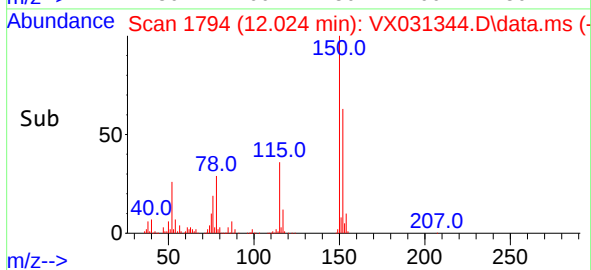
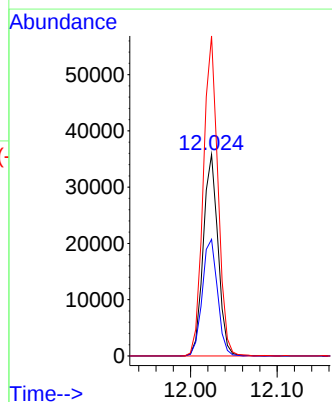
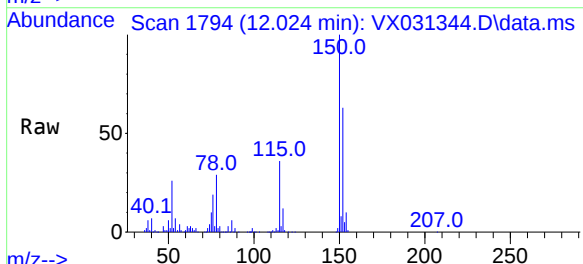


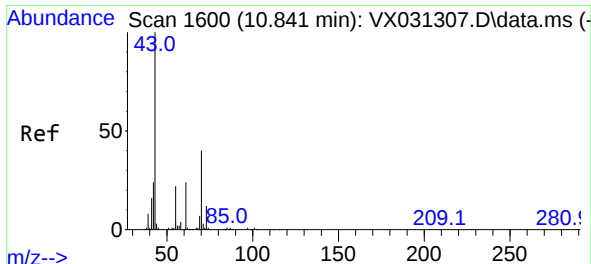
Tgt Ion:117 Resp: 100339
Ion Ratio Lower Upper
117 100
82 60.1 46.8 70.2
119 30.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

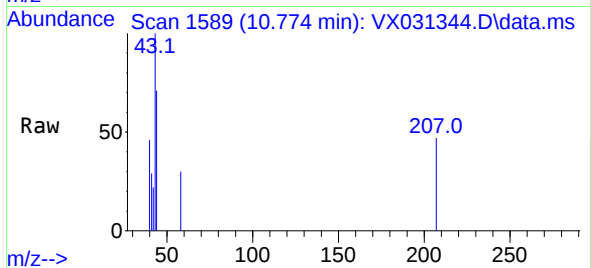
Tgt Ion:152 Resp: 42294
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 157.5 0.0 346.8





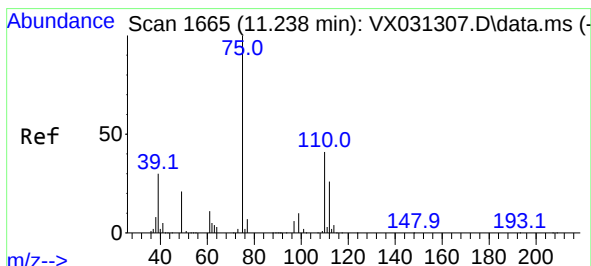
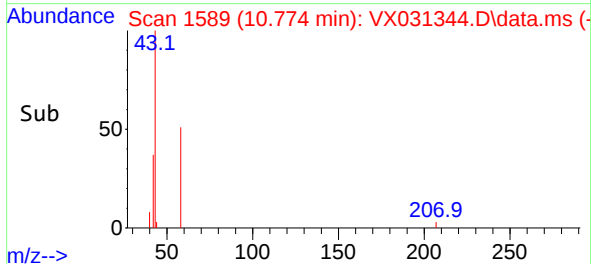
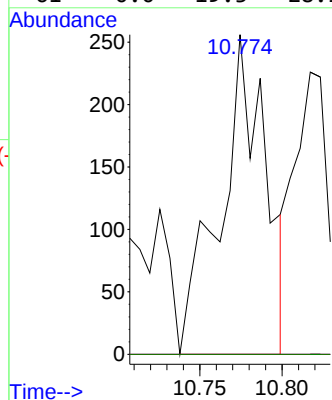
#74
N-amy1 acetate
Concen: 0.314 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 488

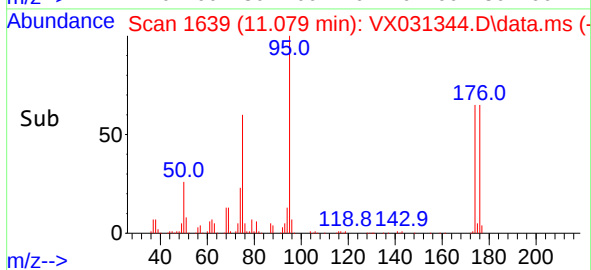
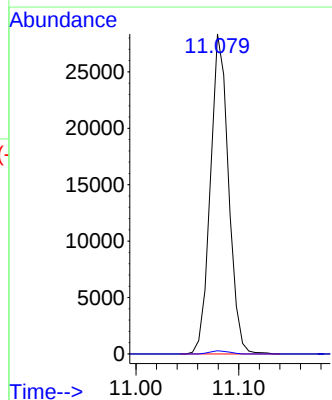
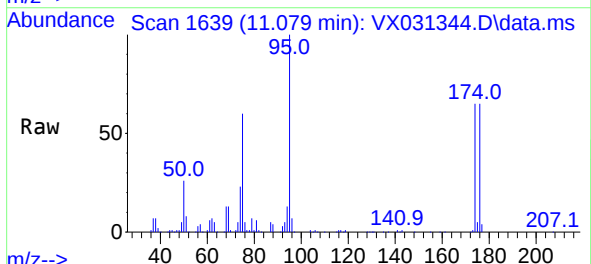
Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.2#
55	0.0	18.2	27.2#
61	0.0	19.3	28.9#

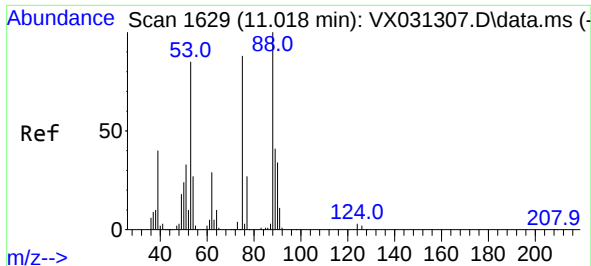


#76
1,2,3-Trichloropropane
Concen: 32.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031344.D
Acq: 15 Sep 2022 07:32

Tgt Ion: 75 Resp: 34774

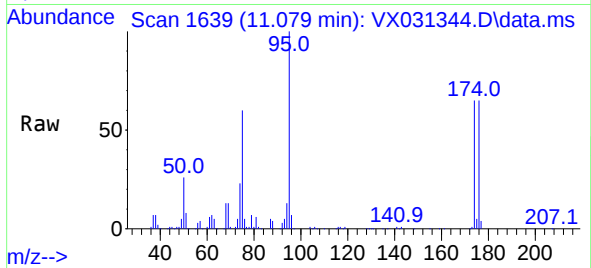
Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.3	60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.279 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031344.D
 Acq: 15 Sep 2022 07:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34774
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

