

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031546.D
 Acq On : 22 Sep 2022 03:46
 Operator : JC/MD
 Sample : N4642-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Sep 22 04:26:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

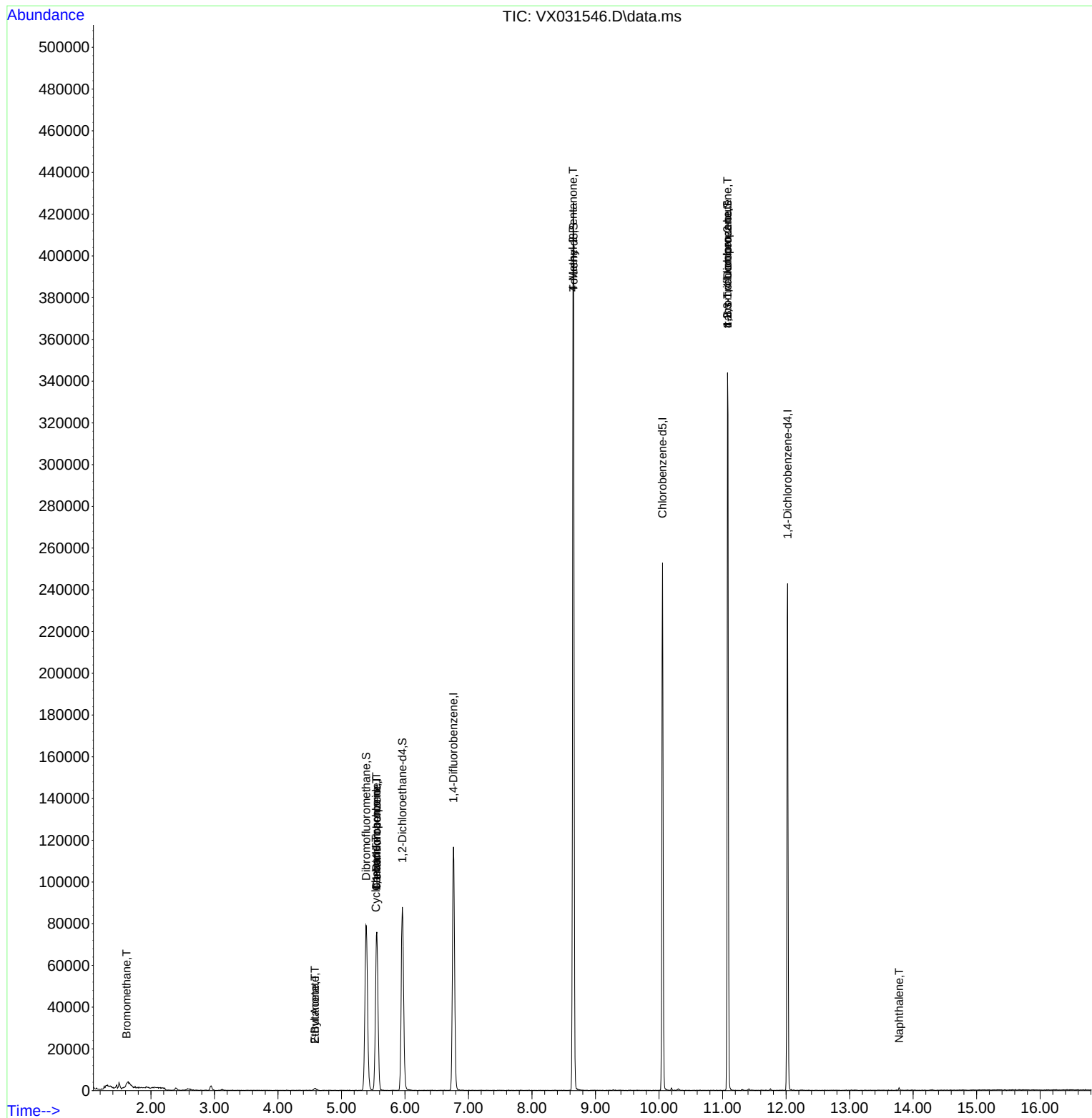
Internal Standards						
1) Pentafluorobenzene	5.556	168	73795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76885	56.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.700%	
35) Dibromofluoromethane	5.385	113	64969	51.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.280%	
50) Toluene-d8	8.653	98	254540	52.468	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	11.079	95	77110	46.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	470	0.206	ug/l	92
6) Chloroethane	1.697	64	117	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	1274	Below Cal	#	73
13) Acrolein	2.172	56	56	Below Cal	#	15
16) Acetone	2.386	43	1527	Below Cal	#	88
25) 2-Butanone	4.580	43	1179	1.128	ug/l #	85
31) Cyclohexane	5.544	56	1812	0.903	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	5710	2.950	ug/l #	51
37) Ethyl Acetate	4.580	43	1179	0.511	ug/l #	68
38) Carbon Tetrachloride	5.550	117	7300	3.403	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1190	0.521	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.073	83	77	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	44208	40.891	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44208	131.662	ug/l #	11
95) Naphthalene	13.780	128	883	0.254	ug/l #	93

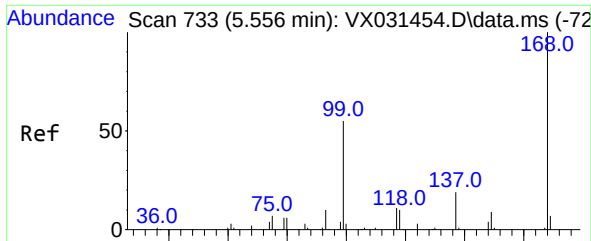
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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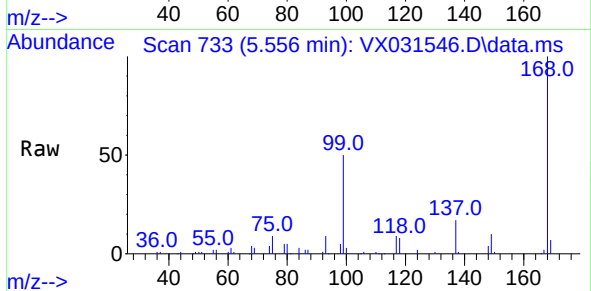
Quant Time: Sep 22 04:26:00 2022
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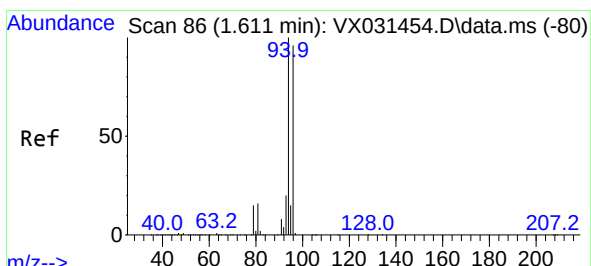
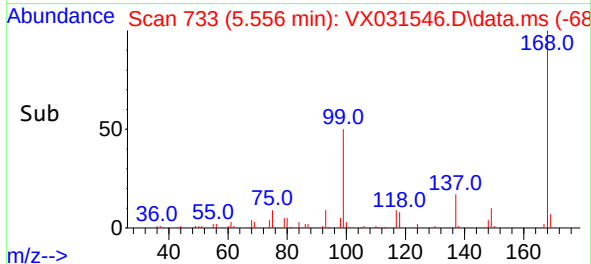
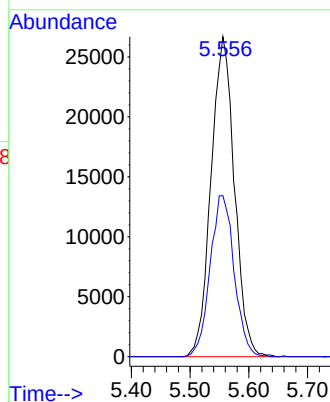


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Instrument :
MSVOA_X
Client Sample Id :
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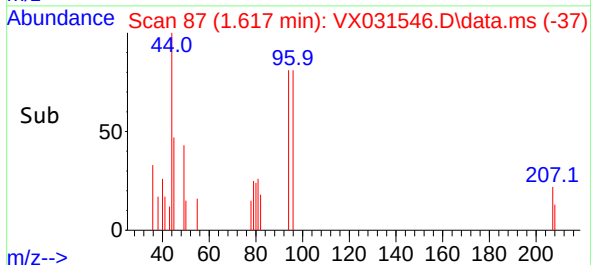
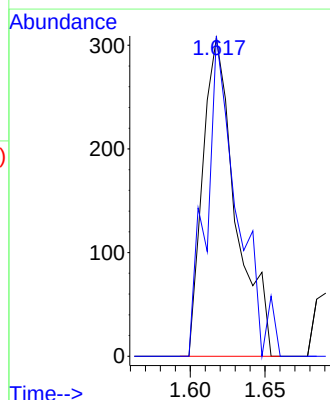
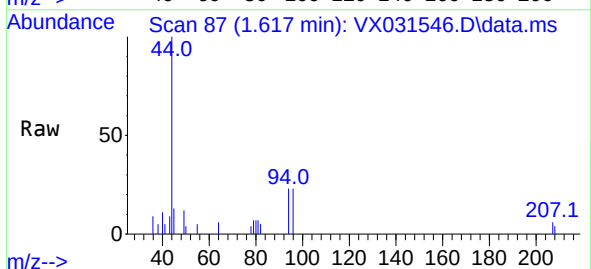


Tgt Ion: 168 Resp: 73795
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2

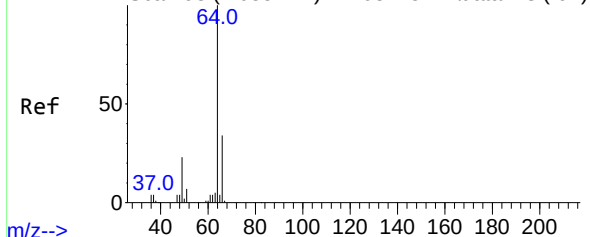


#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 100.7 74.4 111.6



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX031546.D

Acq: 22 Sep 2022 03:46

Instrument :

MSVOA_X

ClientSampleId :

MW-44

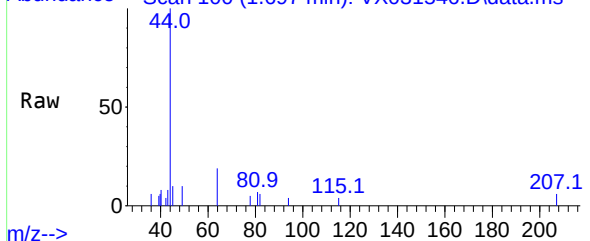
Tgt Ion: 64 Resp: 117

Ion Ratio Lower Upper

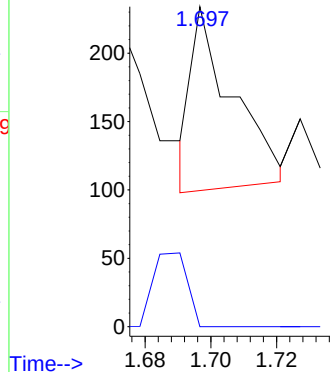
64 100

66 0.0 25.0 37.4#

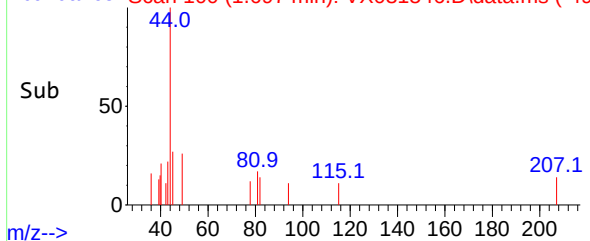
Abundance Scan 100 (1.697 min): VX031546.D\data.ms



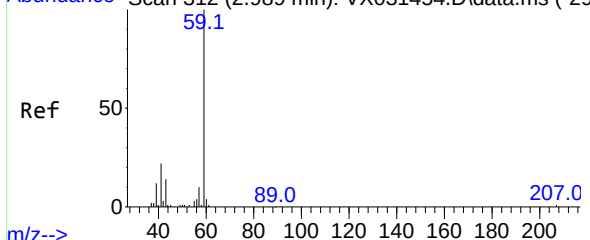
Abundance



Abundance Scan 100 (1.697 min): VX031546.D\data.ms (-49)



Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX031546.D

Acq: 22 Sep 2022 03:46

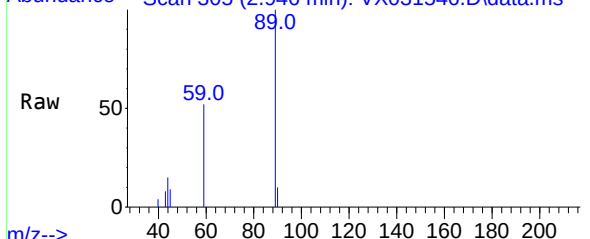
Tgt Ion: 59 Resp: 1274

Ion Ratio Lower Upper

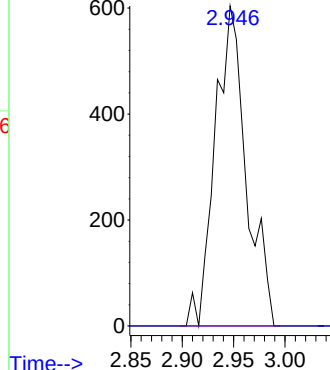
59 100

57 0.0 8.2 12.2#

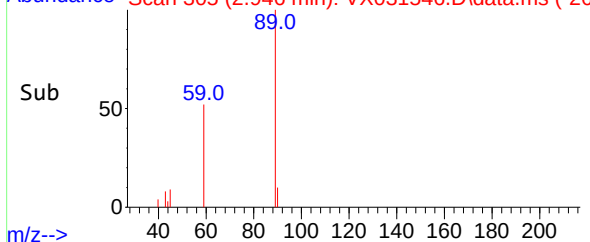
Abundance Scan 305 (2.946 min): VX031546.D\data.ms

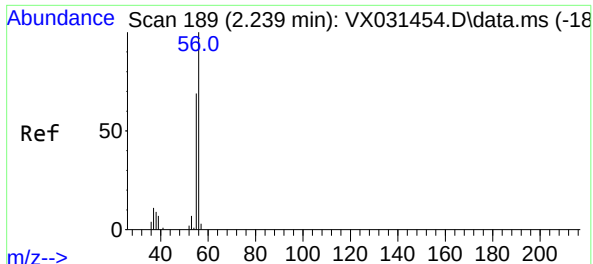


Abundance



Abundance Scan 305 (2.946 min): VX031546.D\data.ms (-26)

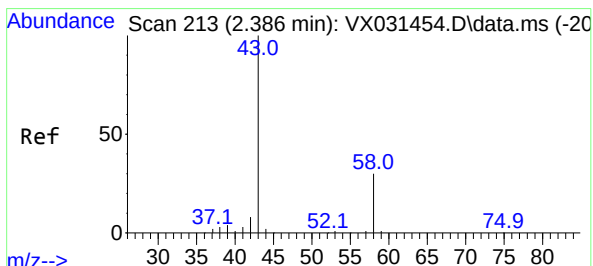
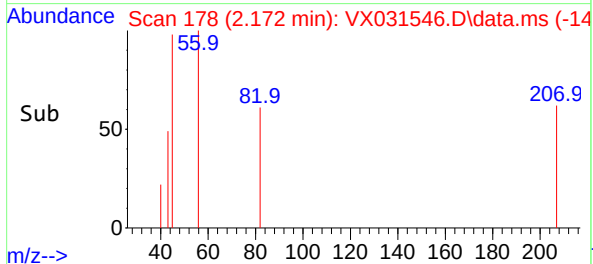
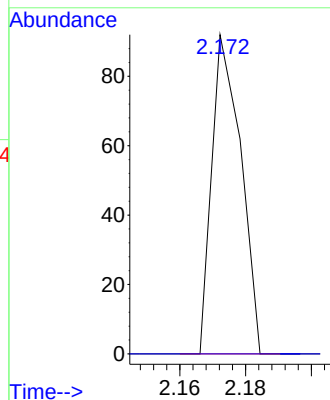
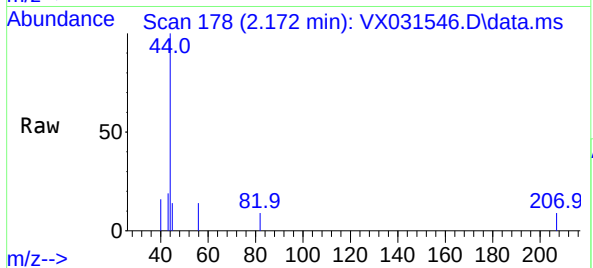




#13
Acrolein
Concen: Below Cal
RT: 2.172 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

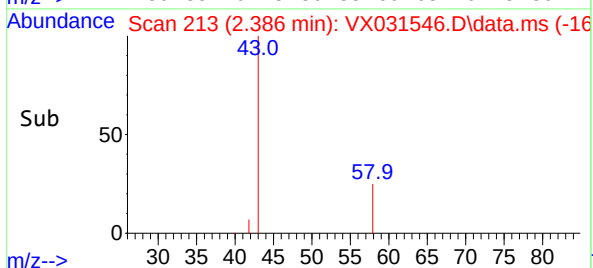
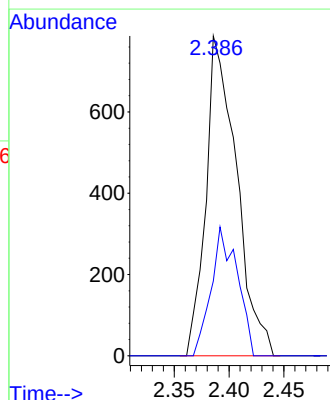
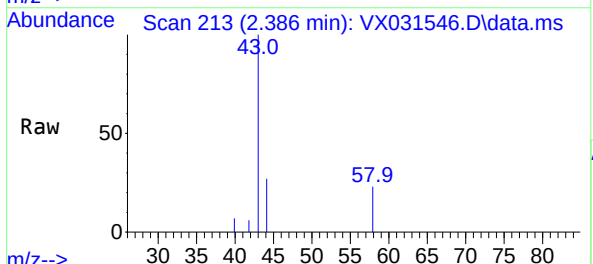
Instrument :
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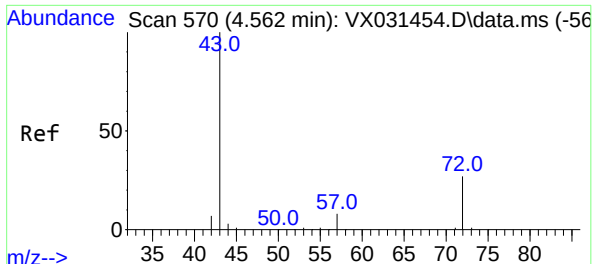
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 23.4 23.8 35.8#

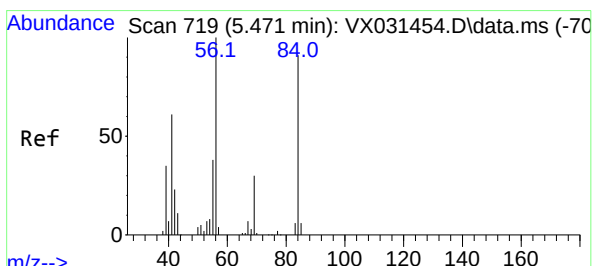
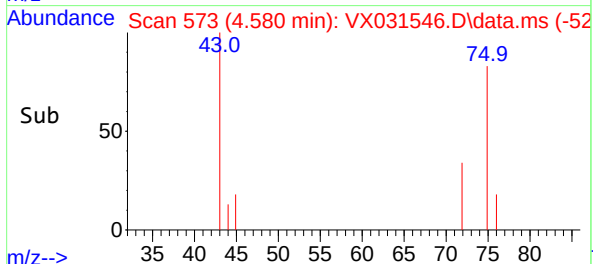
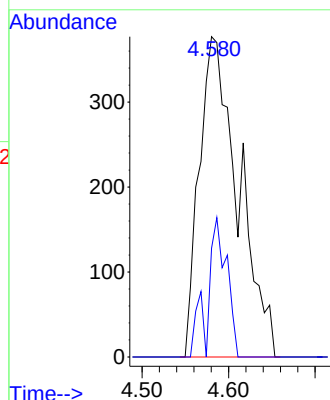
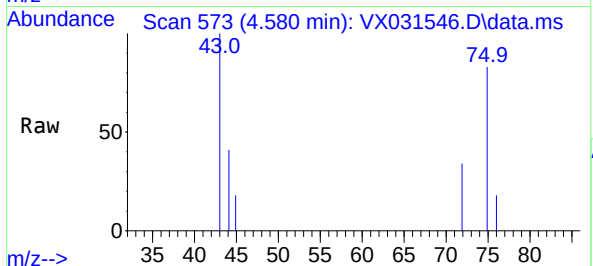




#25
2-Butanone
Concen: 1.128 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

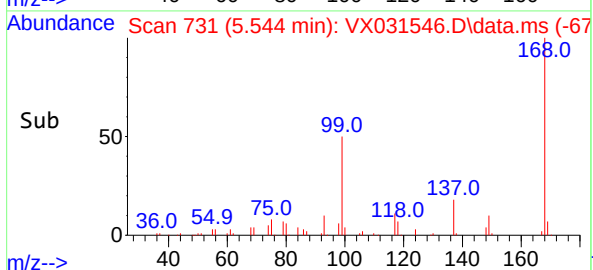
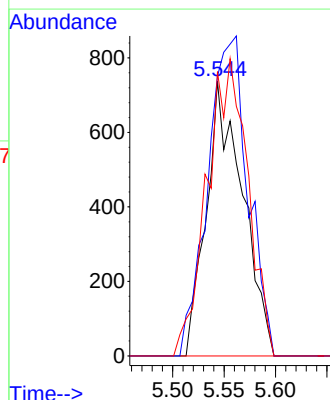
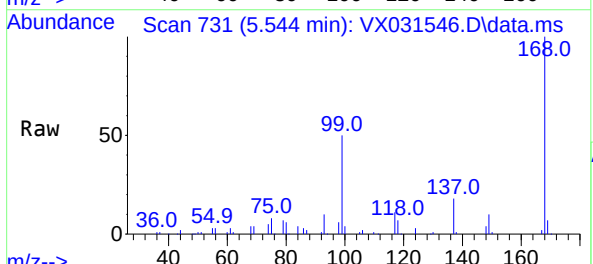
Instrument :
MSVOA_X
ClientSampleId :
MW-44

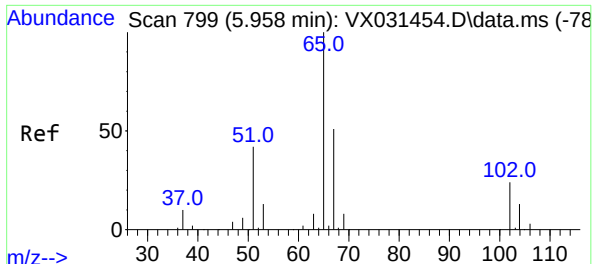
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
72 34.0 21.1 31.7#



#31
Cyclohexane
Concen: 0.903 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Tgt Ion: 56 Resp: 1812
Ion Ratio Lower Upper
56 100
69 101.9 25.1 37.7#
84 103.5 70.2 105.4

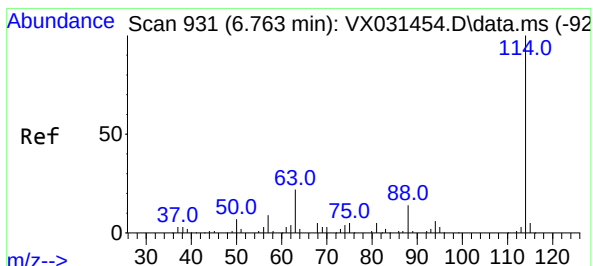
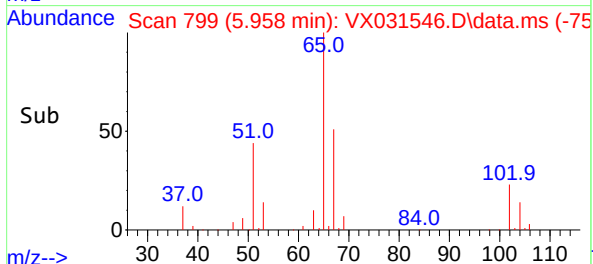
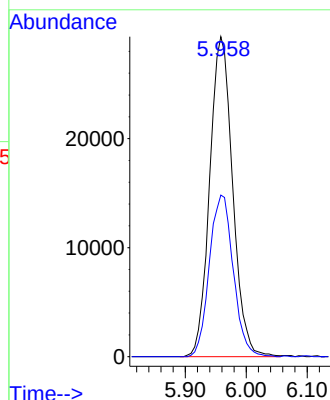
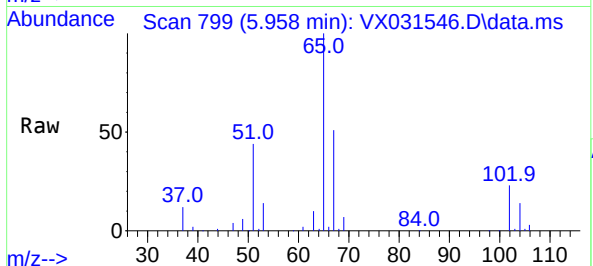




#33
 1,2-Dichloroethane-d4
 Concen: 56.853 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031546.D
 Acq: 22 Sep 2022 03:46

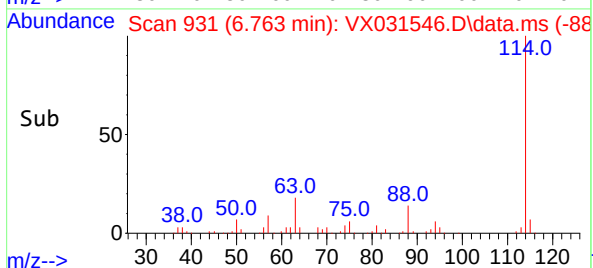
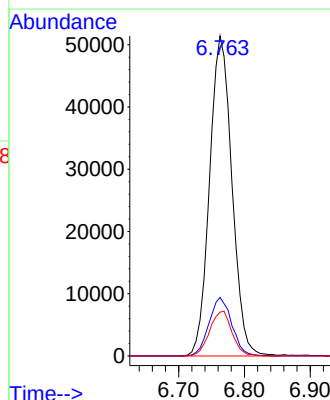
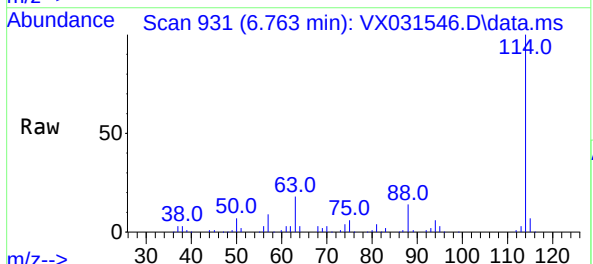
Instrument :
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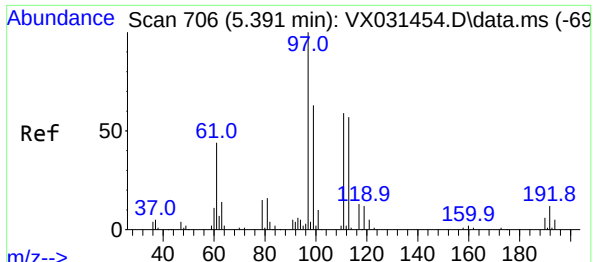
Tgt Ion: 65 Resp: 76885
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031546.D
 Acq: 22 Sep 2022 03:46

Tgt Ion: 114 Resp: 121768
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.6
 88 13.7 0.0 33.0

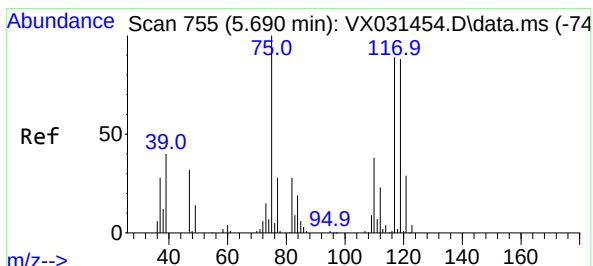
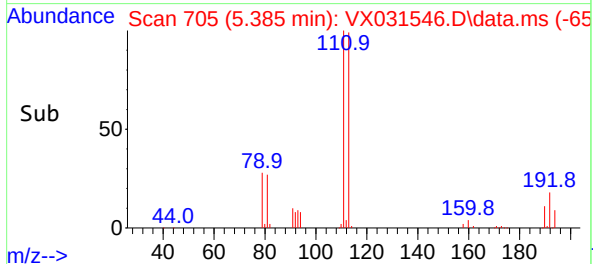
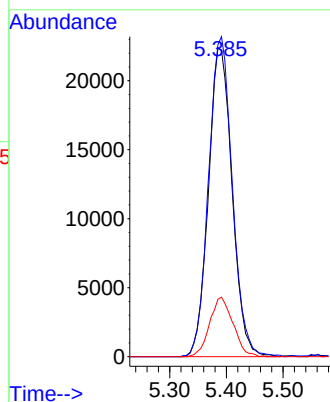
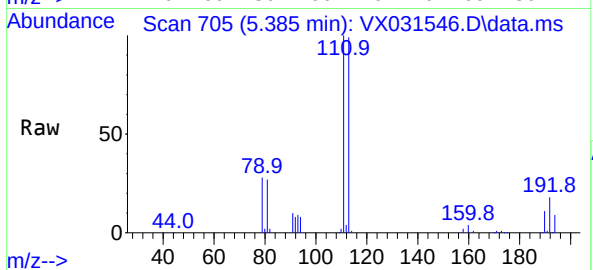




#35
Dibromofluoromethane
Concen: 51.644 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

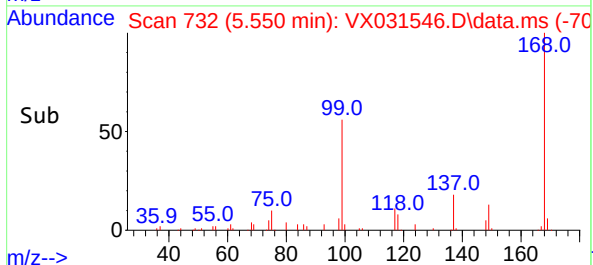
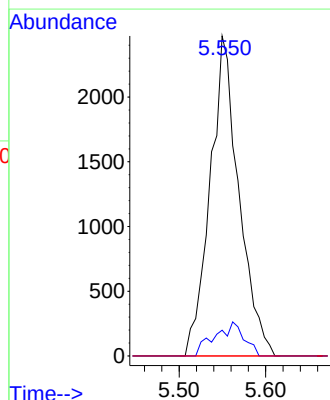
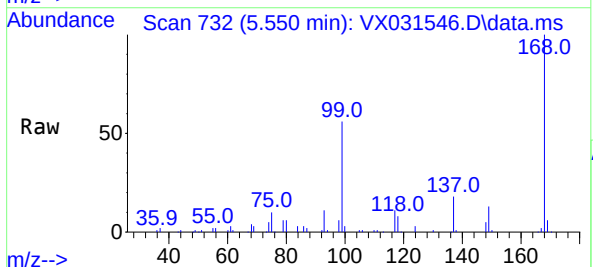
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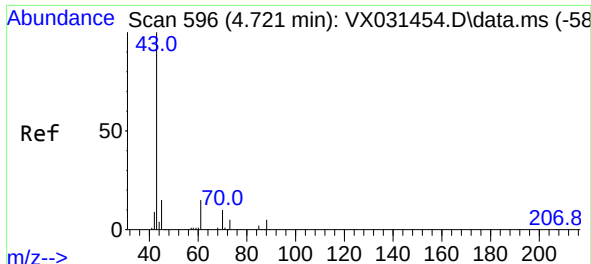
Tgt Ion:113 Resp: 64969
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 2.950 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
110 10.7 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.511 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.141 min

Lab File: VX031546.D

Acq: 22 Sep 2022 03:46

Instrument :

MSVOA_X

ClientSampleId :

MW-44

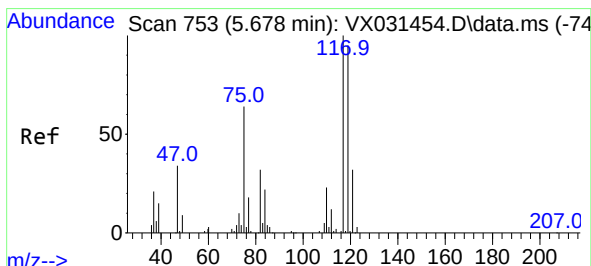
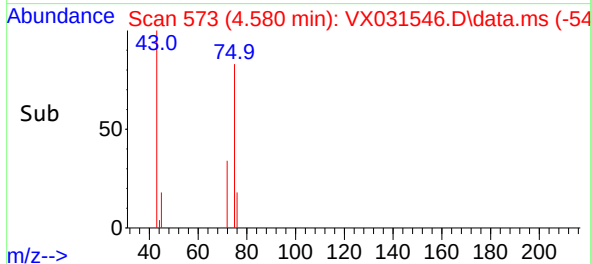
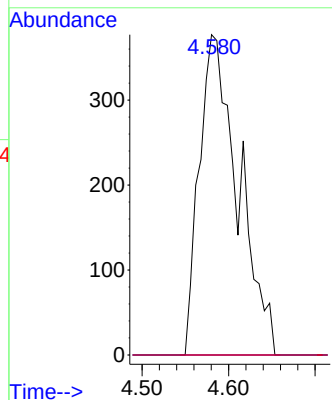
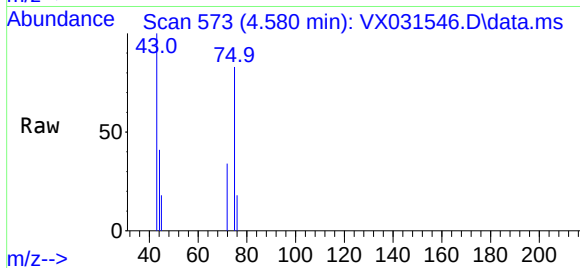
Tgt Ion: 43 Resp: 1179

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 3.403 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031546.D

Acq: 22 Sep 2022 03:46

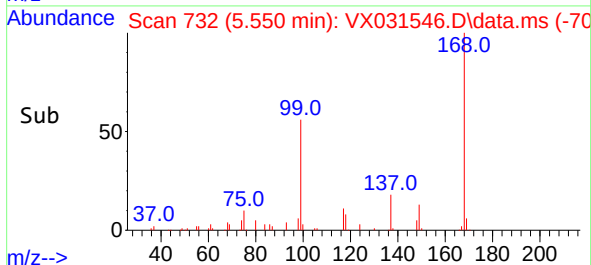
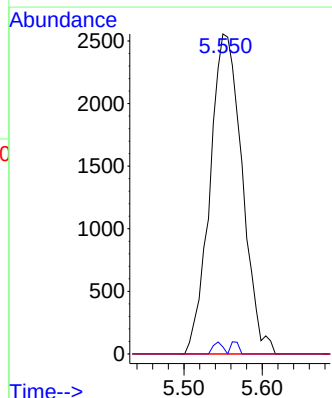
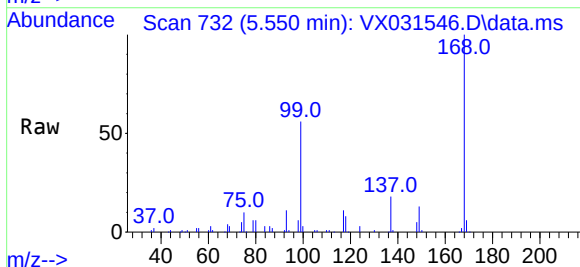
Tgt Ion: 117 Resp: 7300

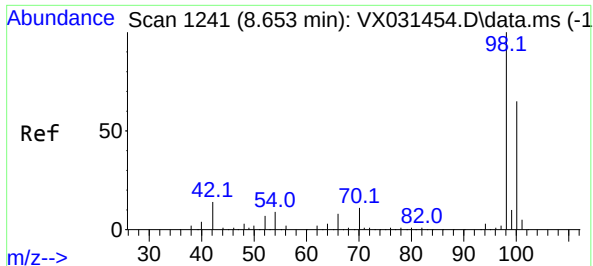
Ion Ratio Lower Upper

117 100

119 2.2 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 52.468 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031546.D

Acq: 22 Sep 2022 03:46

Instrument :

MSVOA_X

ClientSampleId :

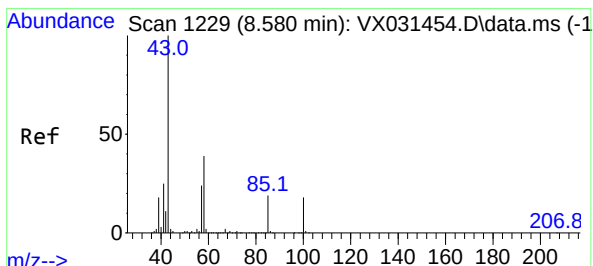
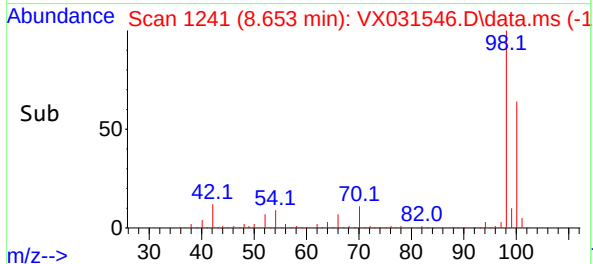
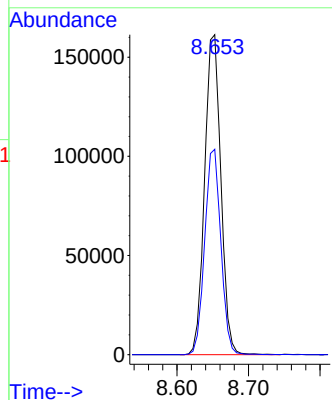
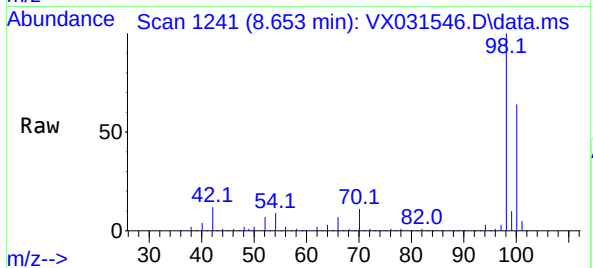
MW-44

Tgt Ion: 98 Resp: 254540

Ion Ratio Lower Upper

98 100

100 63.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.521 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031546.D

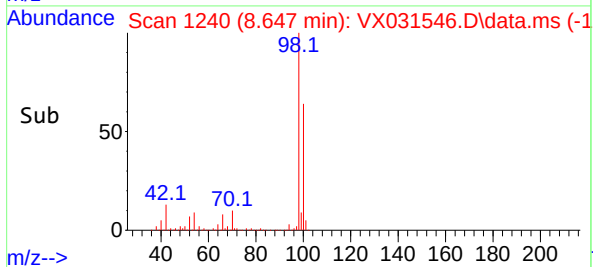
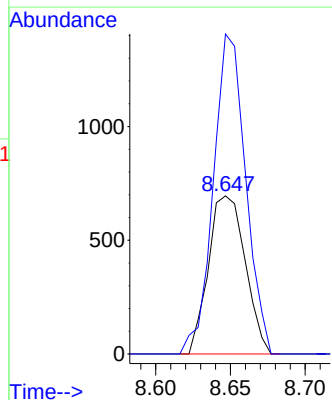
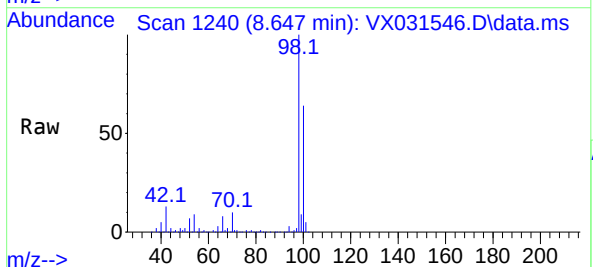
Acq: 22 Sep 2022 03:46

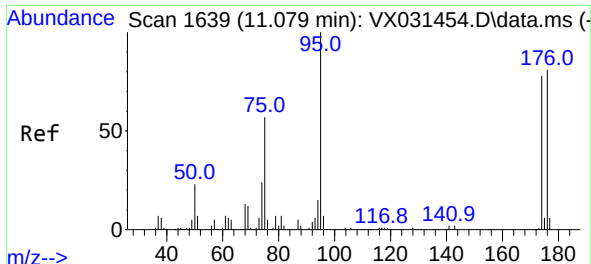
Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

58 177.9 30.6 46.0#

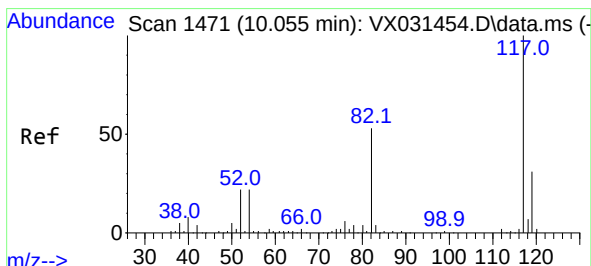
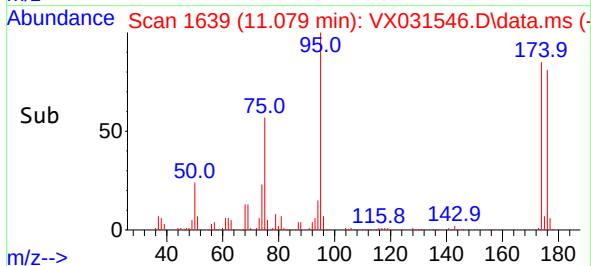
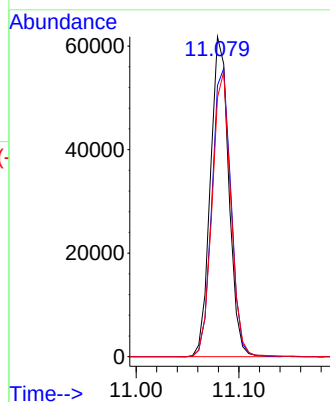
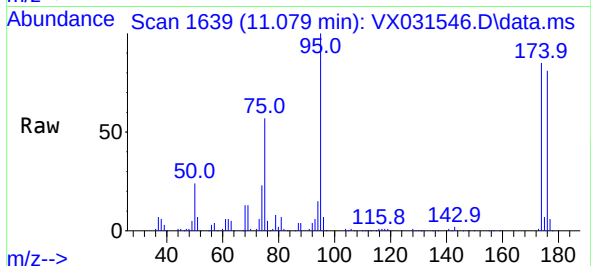




#62
4-Bromofluorobenzene
Concen: 46.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

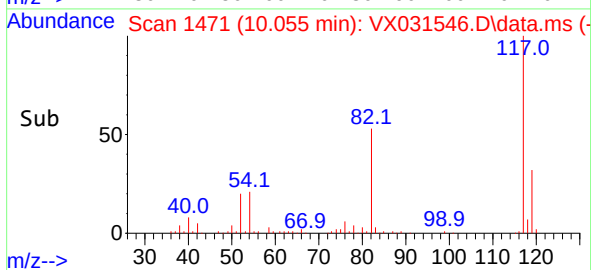
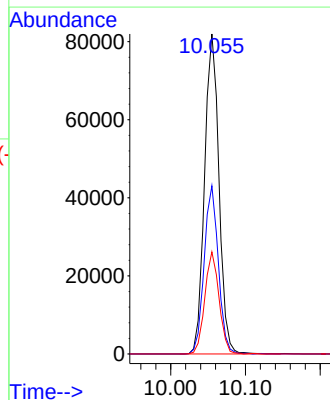
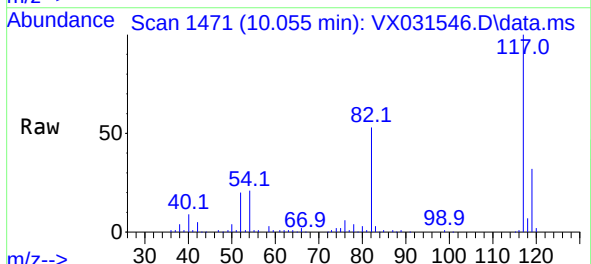
Instrument :
MSVOA_X
ClientSampleId :
MW-44

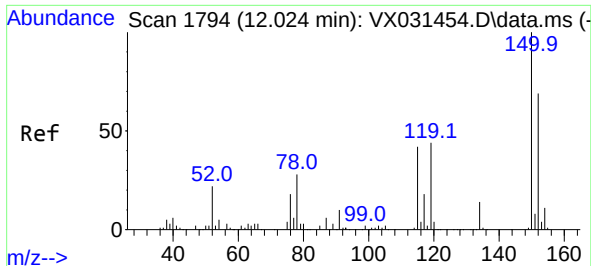
Tgt Ion: 95 Resp: 77110
Ion Ratio Lower Upper
95 100
174 92.8 0.0 153.2
176 90.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Tgt Ion: 117 Resp: 109541
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 31.9 26.4 39.6

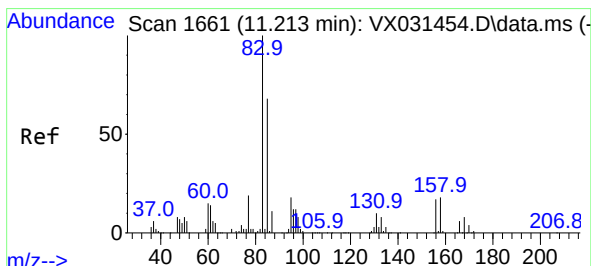
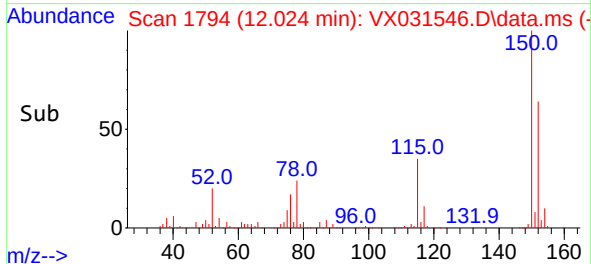
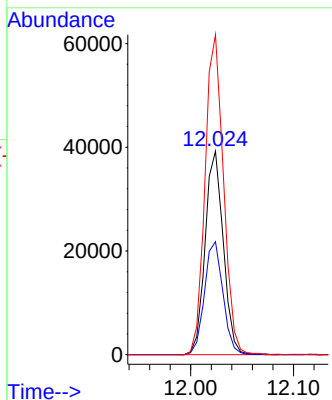
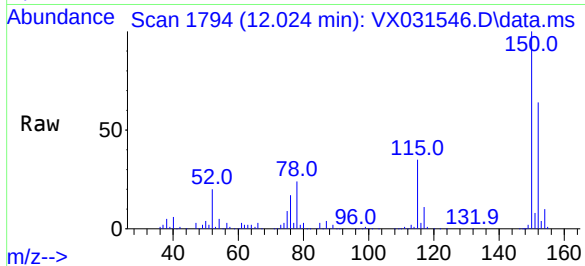




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

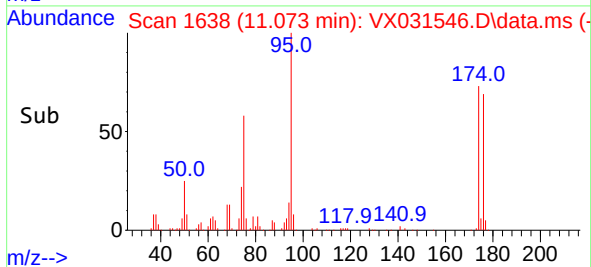
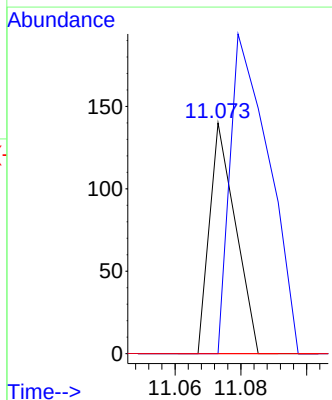
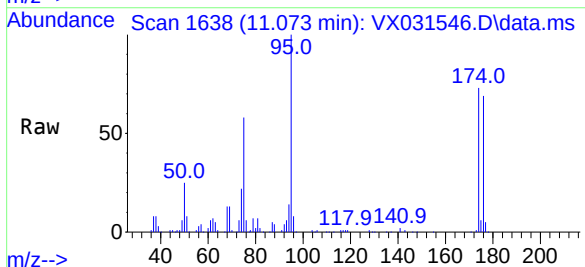
Instrument :
MSVOA_X
ClientSampleId :
MW-44

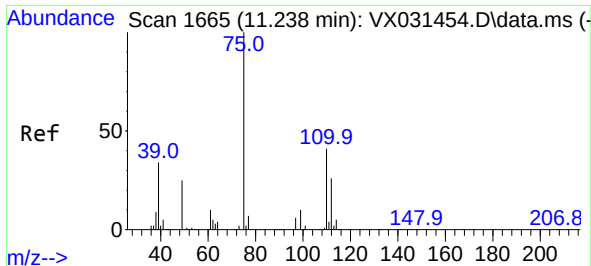
Tgt Ion:152 Resp: 48440
Ion Ratio Lower Upper
152 100
115 56.5 43.4 130.1
150 159.1 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.073 min Scan# 1638
Delta R.T. -0.140 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Tgt Ion: 83 Resp: 77
Ion Ratio Lower Upper
83 100
131 206.5 5.1 15.4#
85 0.0 32.6 97.8#

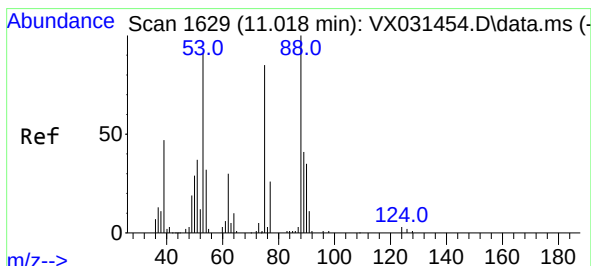
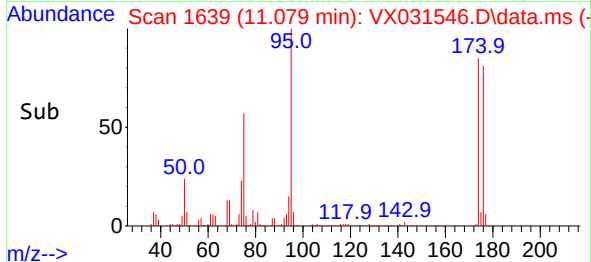
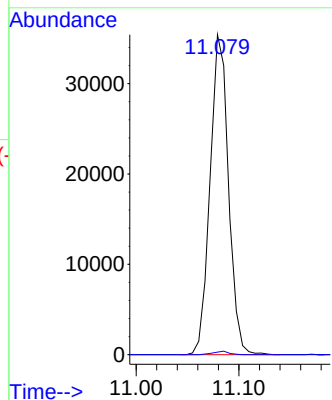
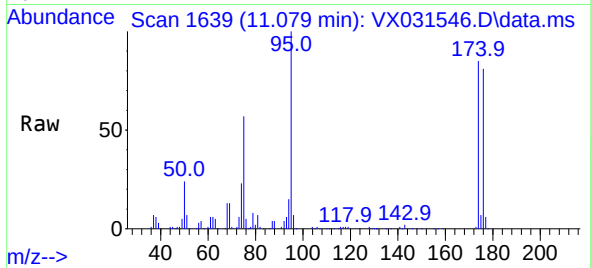




#76
1,2,3-Trichloropropane
Concen: 40.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

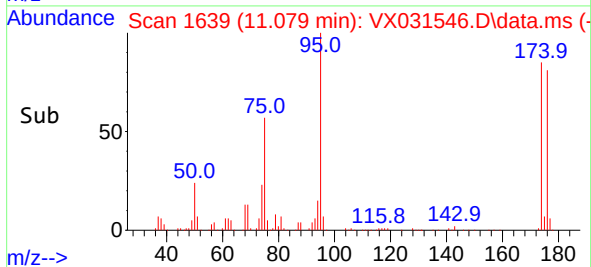
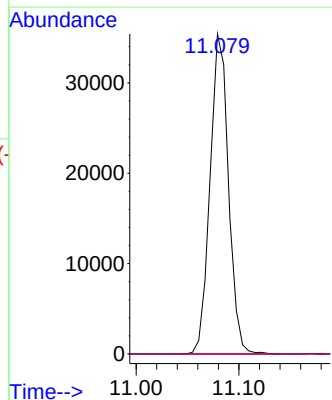
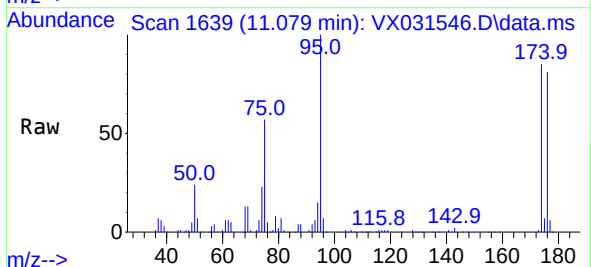
Instrument :
MSVOA_X
ClientSampleId :
MW-44

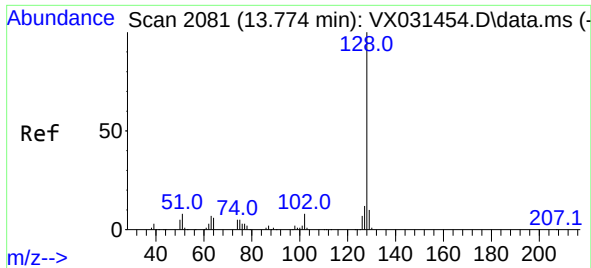
Tgt Ion: 75 Resp: 44208
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

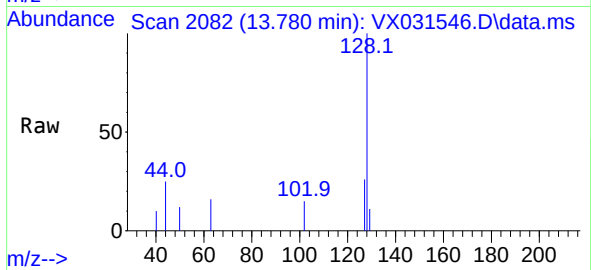
Tgt Ion: 75 Resp: 44208
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031546.D
Acq: 22 Sep 2022 03:46

Instrument :
MSVOA_X
ClientSampleId :
MW-44



Tgt Ion:	128	Resp:	883
Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.4	15.6
129	14.0	8.8	13.2#

