

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032709.D
 Acq On : 10 Nov 2022 06:04
 Operator : JC/MD
 Sample : N5506-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Quant Time: Nov 10 08:08:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

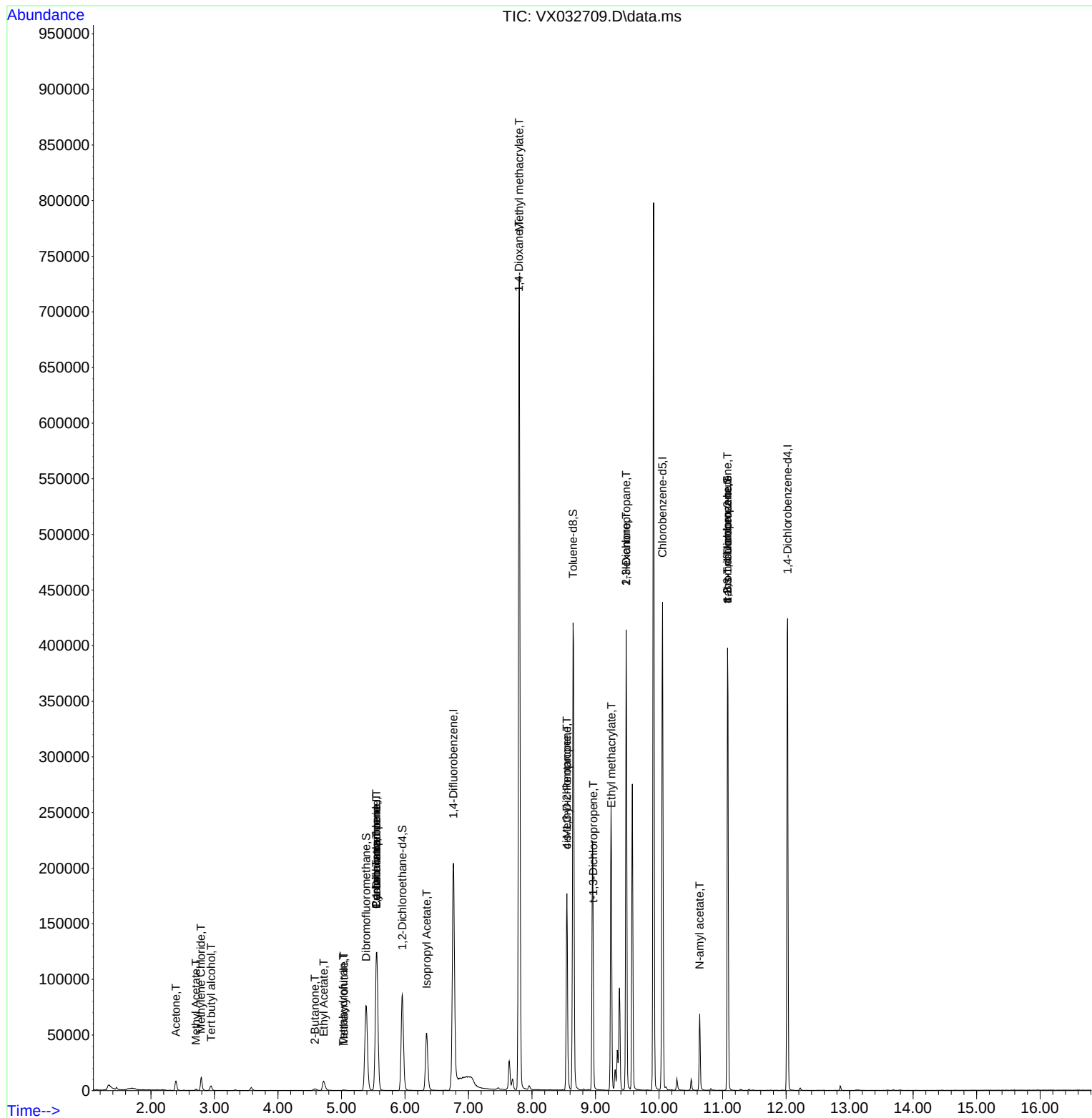
Internal Standards						
1) Pentafluorobenzene	5.550	168	120176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85377	51.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.260%			
35) Dibromofluoromethane	5.385	113	65906	45.945	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.900%			
50) Toluene-d8	8.647	98	248257	49.772	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	99435	51.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	2658	10.936	ug/l #	72
16) Acetone	2.392	43	11714	19.301	ug/l	96
18) Methyl Acetate	2.709	43	1695	0.859	ug/l #	88
20) Methylene Chloride	2.788	84	5412	3.889	ug/l	98
25) 2-Butanone	4.580	43	2085	2.217	ug/l	90
29) Tetrahydrofuran	5.025	42	175	0.292	ug/l #	62
31) Cyclohexane	5.550	56	2770	1.368	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	8910	4.460	ug/l #	50
37) Ethyl Acetate	4.720	43	15012	7.220	ug/l	99
38) Carbon Tetrachloride	5.550	117	12142	5.480	ug/l #	15
41) Methacrylonitrile	5.037	41	250	0.236	ug/l #	28
43) Isopropyl Acetate	6.342	43	71418	22.370	ug/l	99
48) Methyl methacrylate	7.799	41	67684	41.050	ug/l #	45
49) 1,4-Dioxane	7.793	88	69	2.196	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	60792	30.231	ug/l #	48
53) t-1,3-Dichloropropene	8.964	75	526	0.244	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	25750	11.188	ug/l #	62
56) Ethyl methacrylate	9.250	69	487	0.218	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3319	1.323	ug/l #	42
59) 2-Hexanone	9.482	43	49244	33.003	ug/l #	51
74) N-amyl acetate	10.640	43	17273	6.577	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	53278	27.302	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	53278	86.875	ug/l #	6

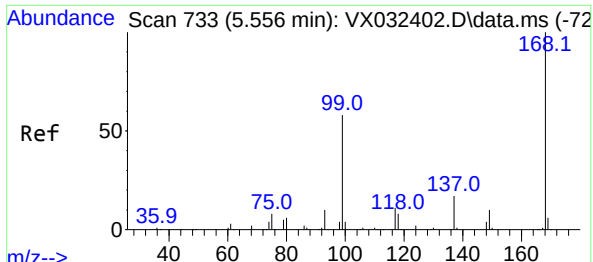
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
Data File : VX032709.D
Acq On : 10 Nov 2022 06:04
Operator : JC/MD
Sample : N5506-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-10

Quant Time: Nov 10 08:08:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

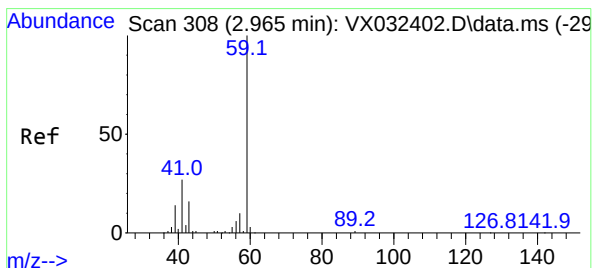
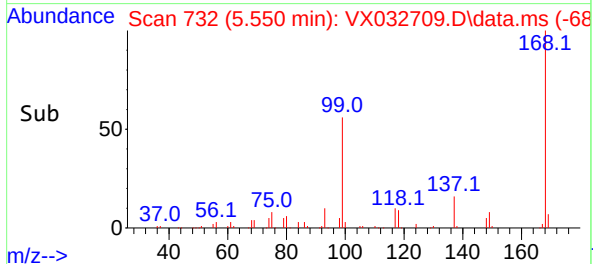
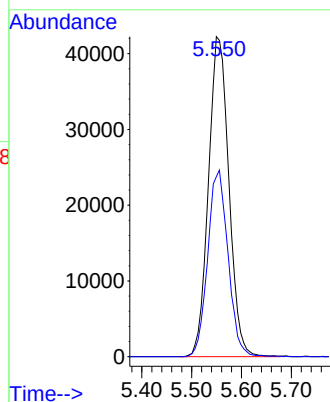
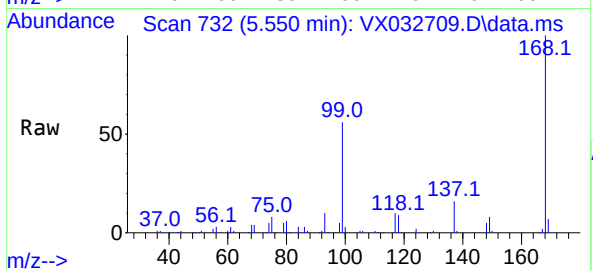




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

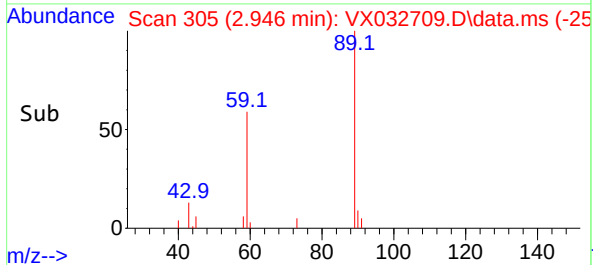
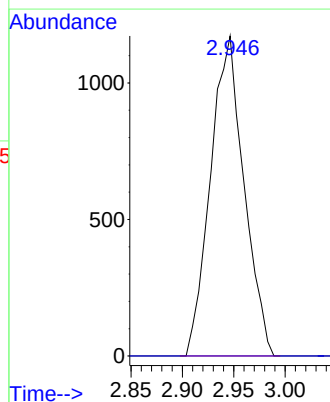
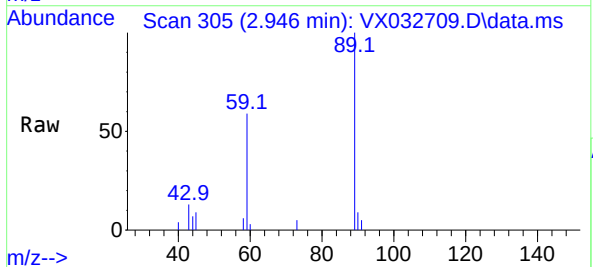
Instrument :
MSVOA_X
ClientSampleId :
TP-10

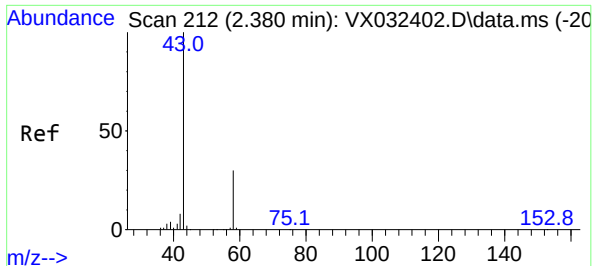
Tgt Ion:168 Resp: 120176
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.936 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 59 Resp: 2658
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

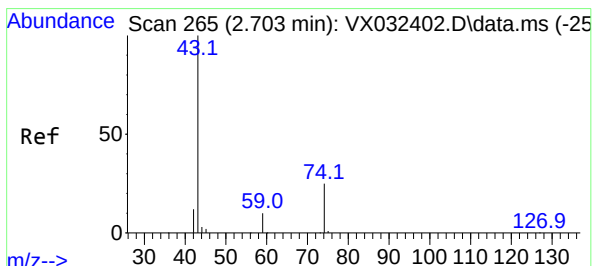
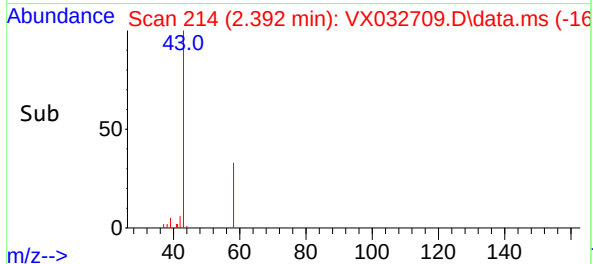
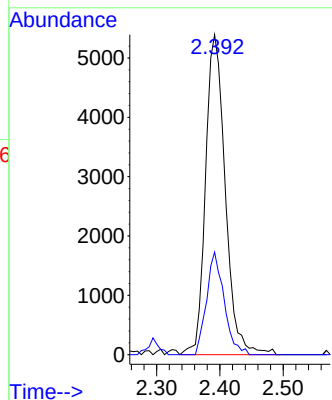
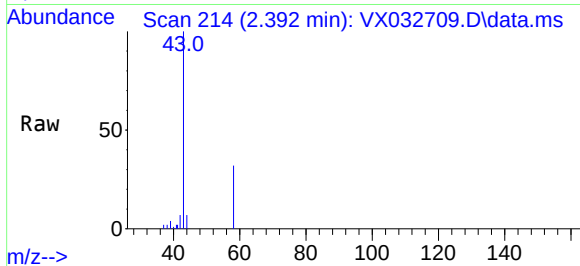




#16
Acetone
Concen: 19.301 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

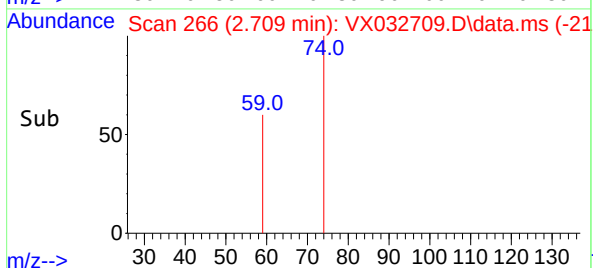
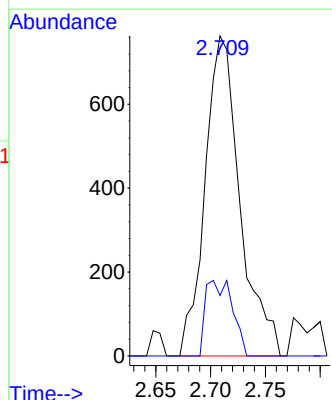
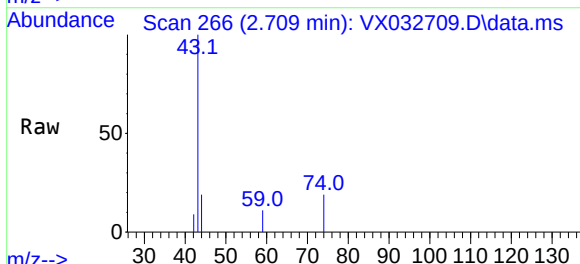
Instrument :
MSVOA_X
ClientSampleId :
TP-10

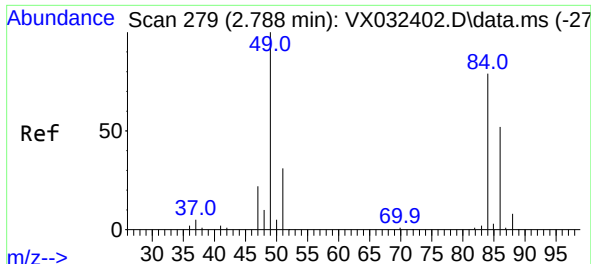
Tgt Ion: 43 Resp: 11714
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.8



#18
Methyl Acetate
Concen: 0.859 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
74 18.2 19.4 29.0#

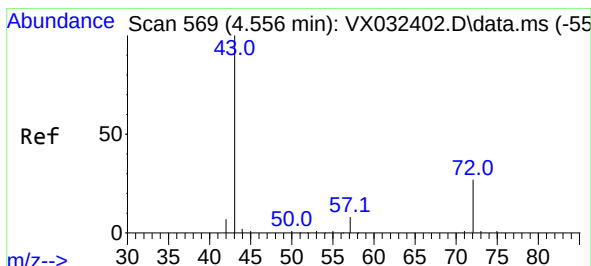
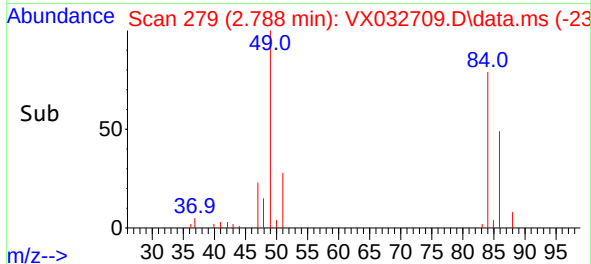
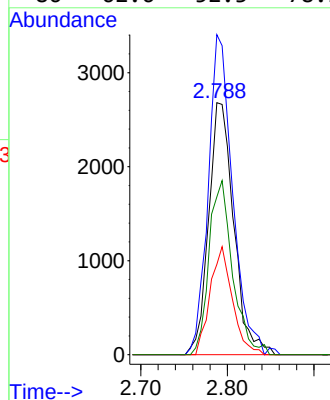
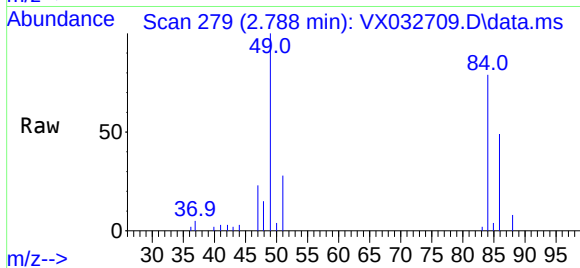




#20
Methylene Chloride
Concen: 3.889 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

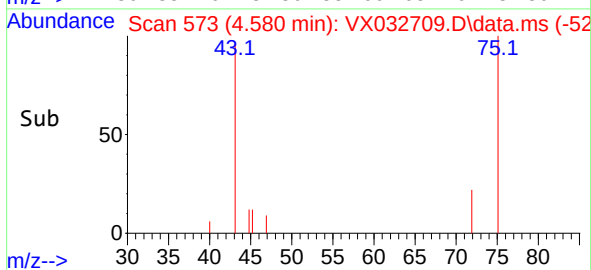
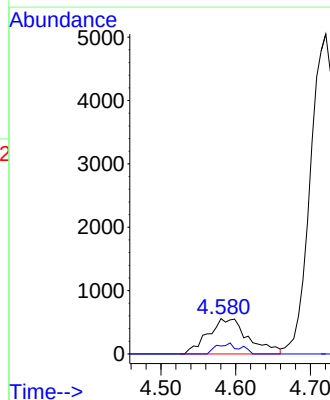
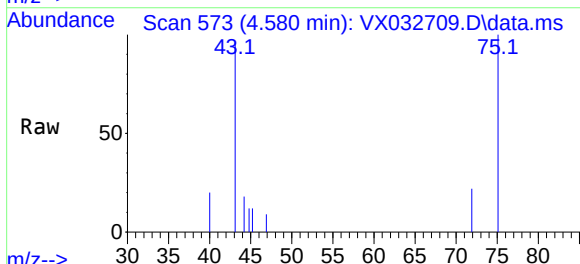
Instrument :
MSVOA_X
ClientSampleId :
TP-10

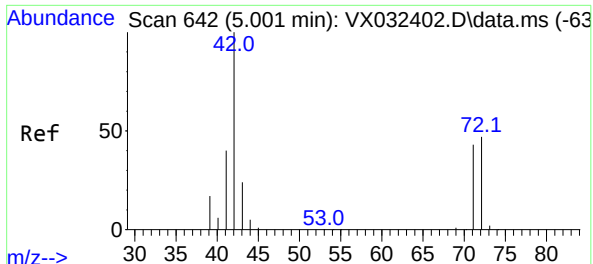
Tgt Ion: 84	Resp: 5412
Ion Ratio	Lower Upper
84 100	
49 127.0	101.0 151.6
51 35.8	31.1 46.7
86 62.6	52.3 78.5



#25
2-Butanone
Concen: 2.217 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 43	Resp: 2085		
Ion Ratio	Lower	Upper	
43 100			
72 22.4	22.2	33.2	





#29

Tetrahydrofuran

Concen: 0.292 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

TP-10

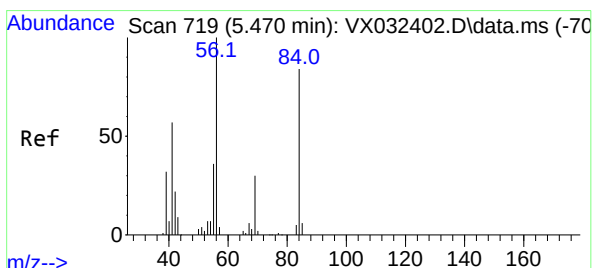
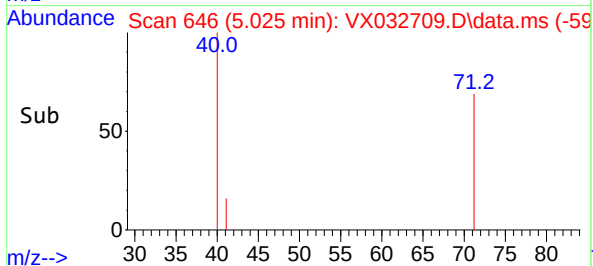
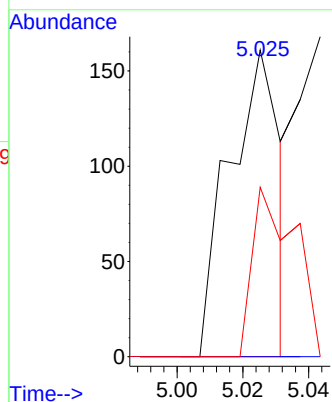
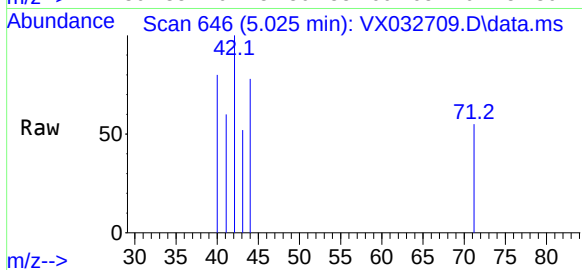
Tgt Ion: 42 Resp: 175

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 45.7 34.7 52.1



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

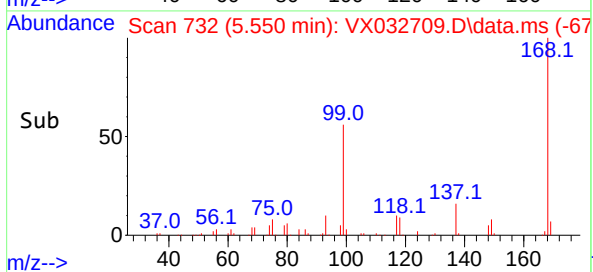
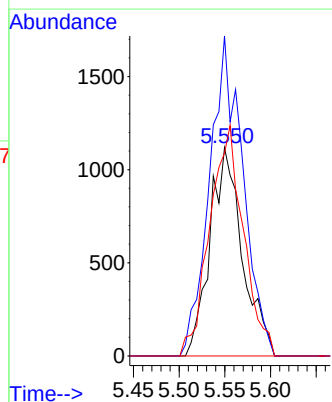
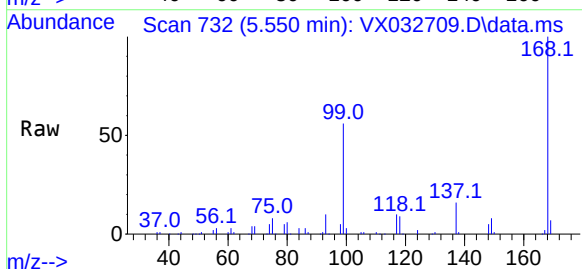
Tgt Ion: 56 Resp: 2770

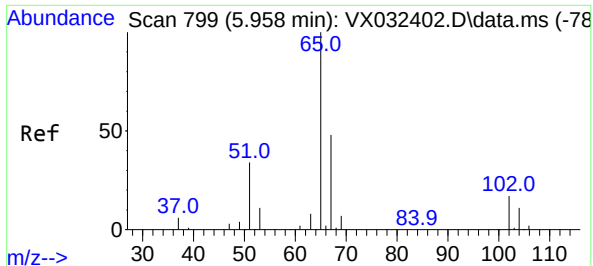
Ion Ratio Lower Upper

56 100

69 153.7 24.1 36.1#

84 97.4 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 51.130 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

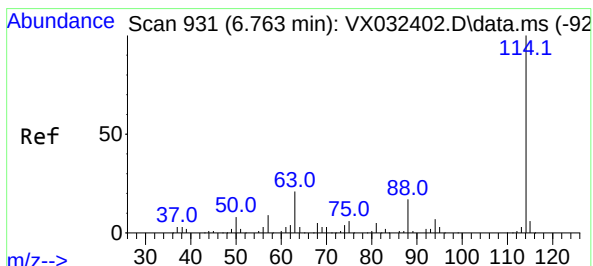
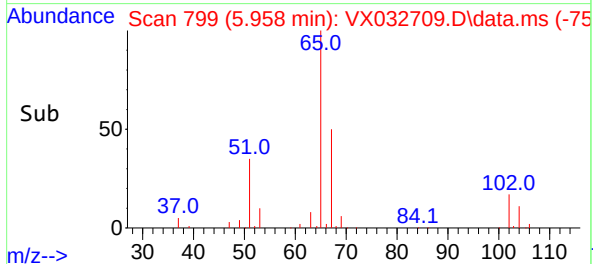
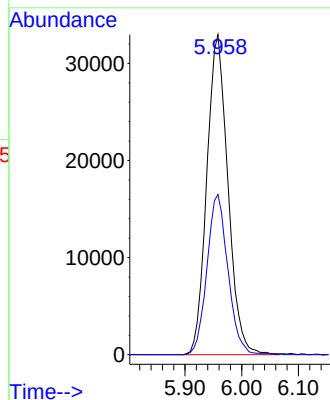
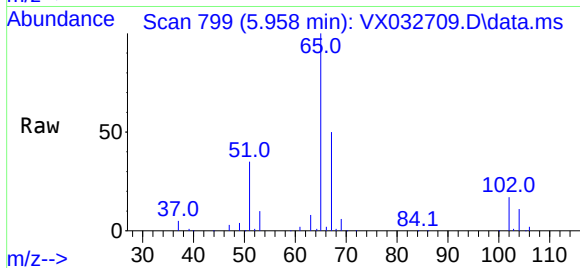
TP-10

Tgt Ion: 65 Resp: 85377

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

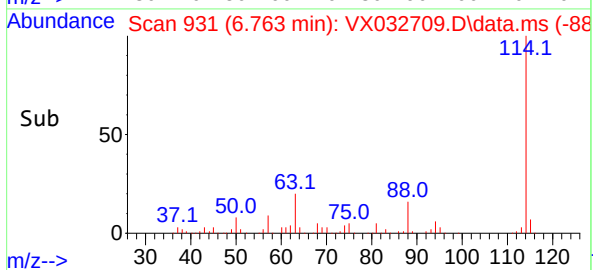
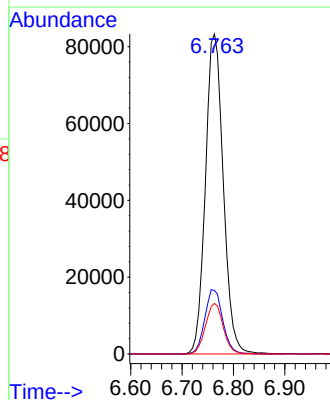
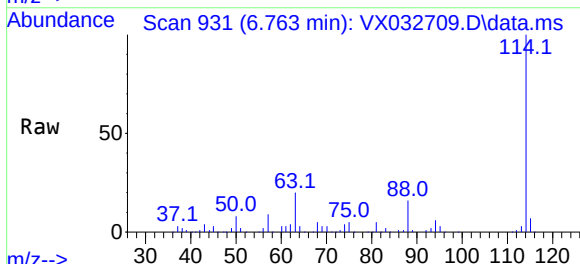
Tgt Ion: 114 Resp: 201098

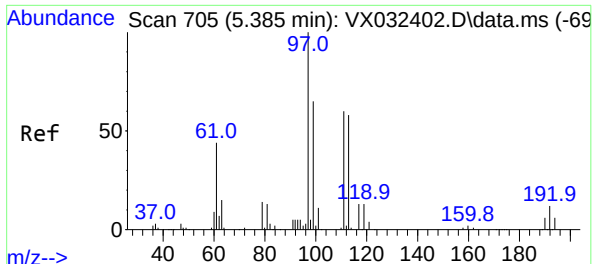
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.945 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

TP-10

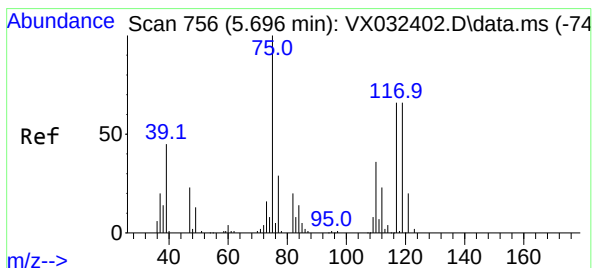
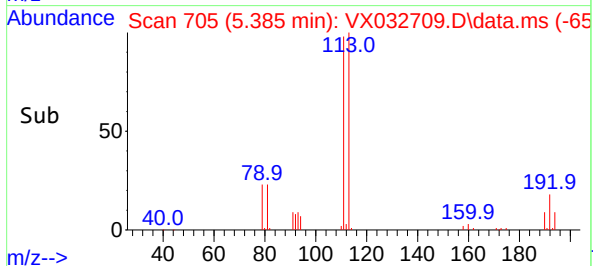
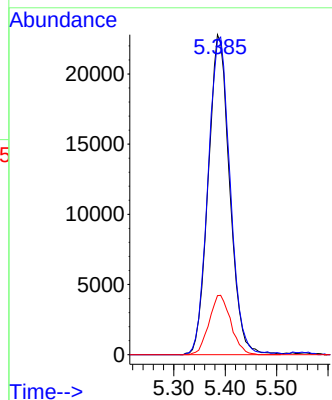
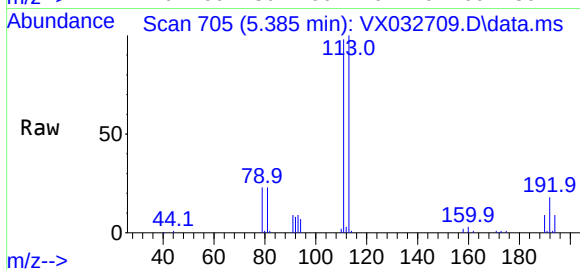
Tgt Ion:113 Resp: 65906

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.460 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

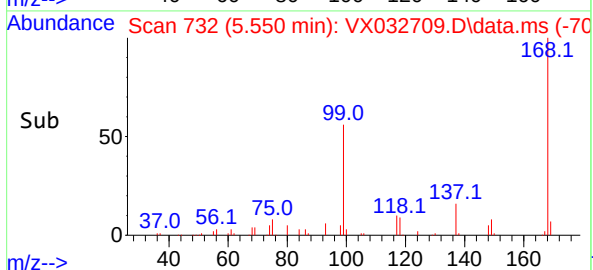
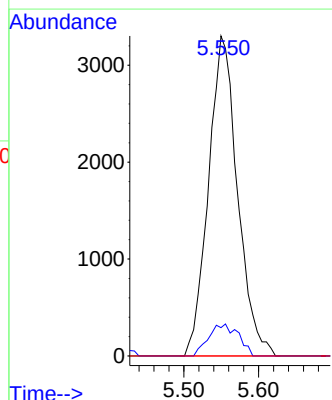
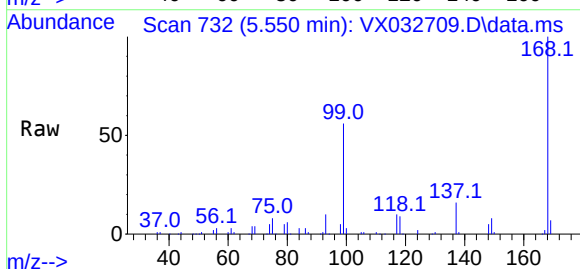
Tgt Ion: 75 Resp: 8910

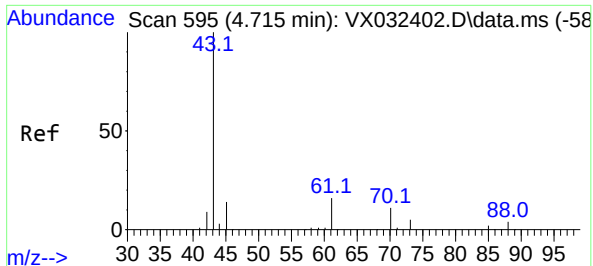
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 7.220 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

TP-10

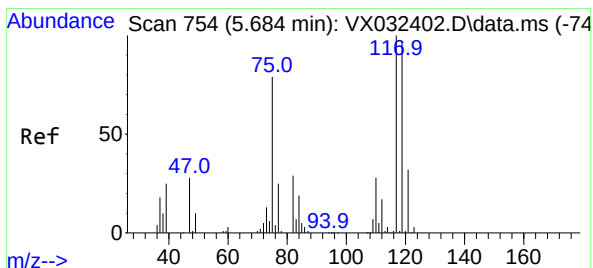
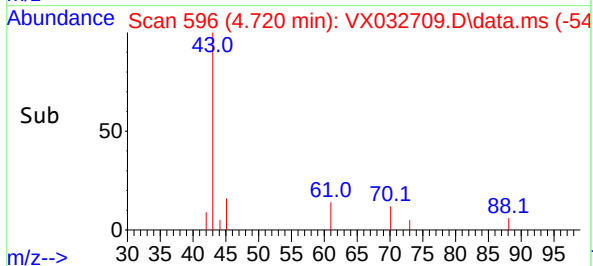
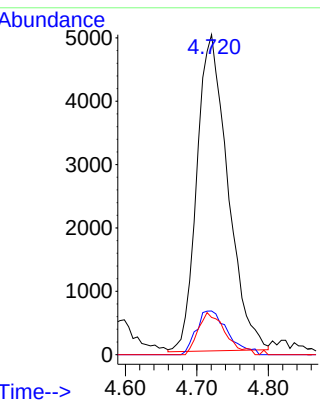
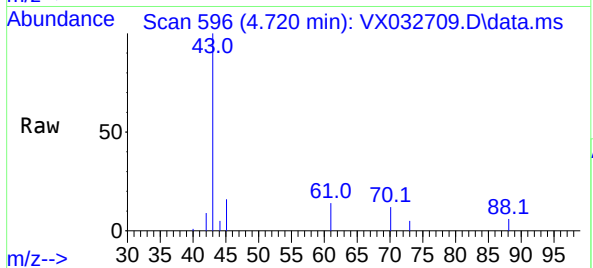
Tgt Ion: 43 Resp: 15012

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

70 11.7 9.1 13.7



#38

Carbon Tetrachloride

Concen: 5.480 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

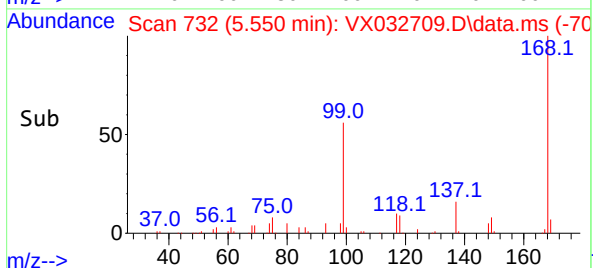
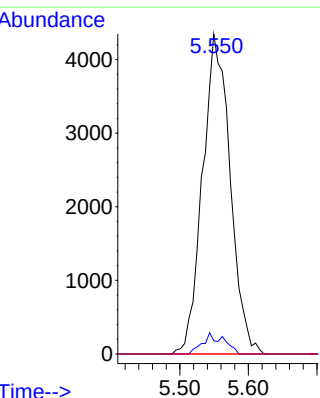
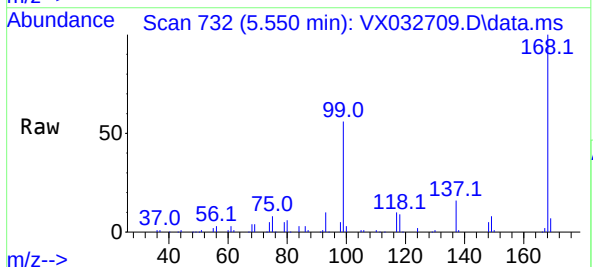
Tgt Ion: 117 Resp: 12142

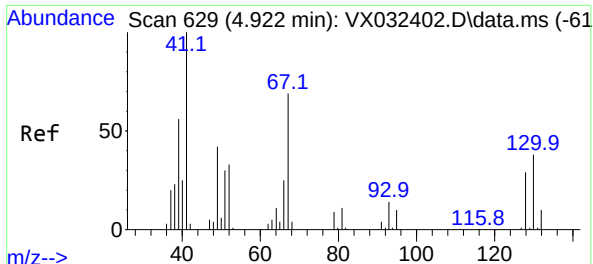
Ion Ratio Lower Upper

117 100

119 4.1 77.2 115.8#

121 0.0 25.8 38.6#



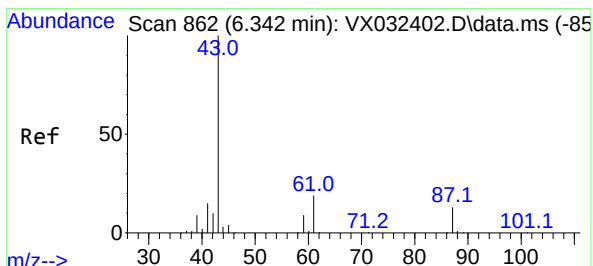
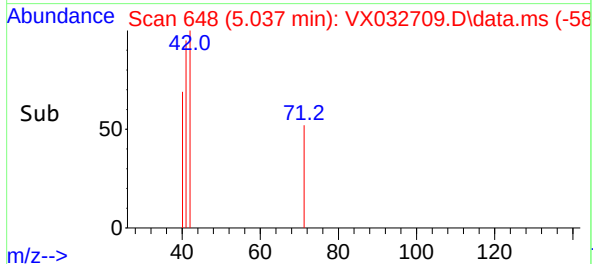
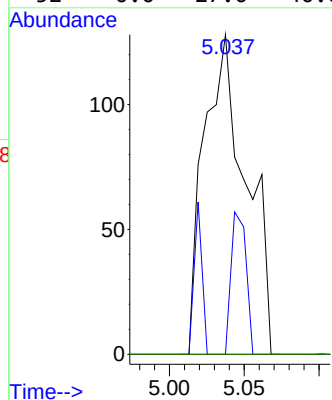
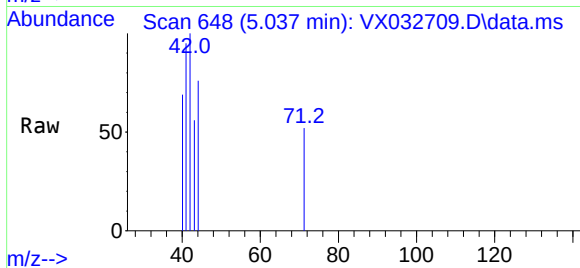


#41
Methacrylonitrile
Concen: 0.236 ug/l
RT: 5.037 min Scan# 641
Delta R.T. 0.116 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Instrument :
MSVOA_X
ClientSampleId :
TP-10

Tgt Ion: 41 Resp: 250

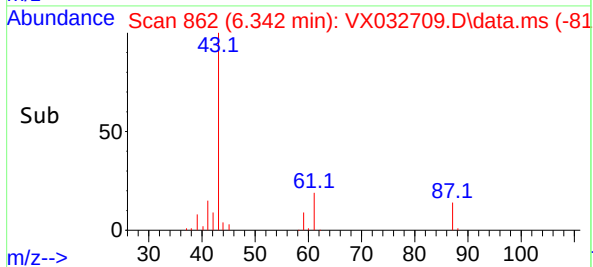
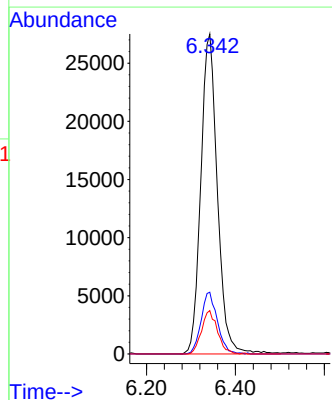
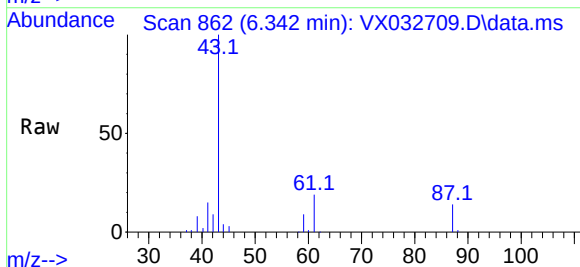
Ion	Ratio	Lower	Upper
41	100		
39	16.0	47.5	71.3#
67	0.0	60.5	90.7#
52	0.0	27.0	40.6#

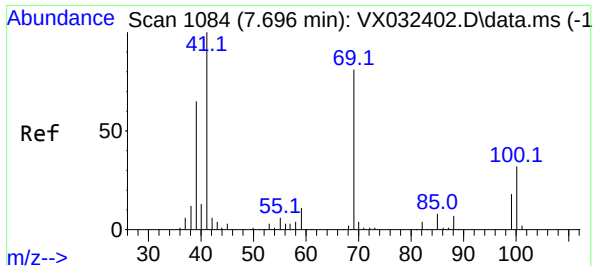


#43
Isopropyl Acetate
Concen: 22.370 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 43 Resp: 71418

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	13.0	10.8	16.2

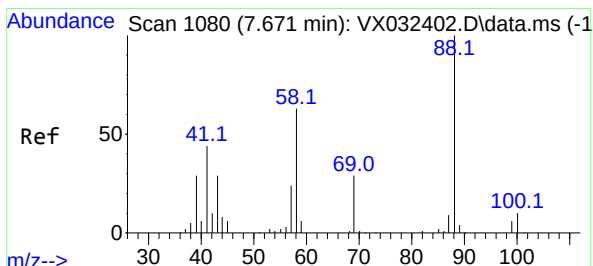
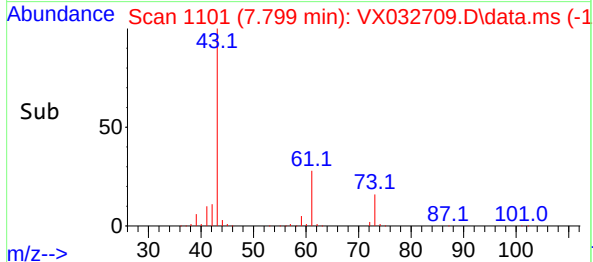
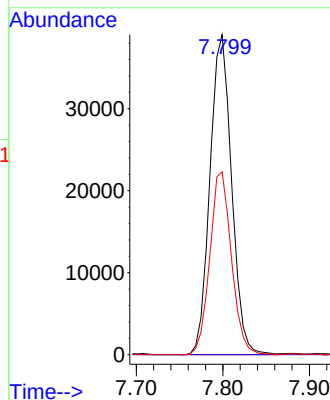
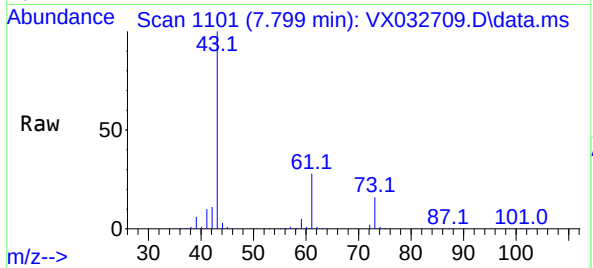




#48
Methyl methacrylate
Concen: 41.050 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

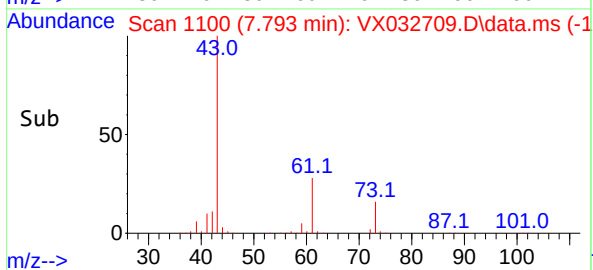
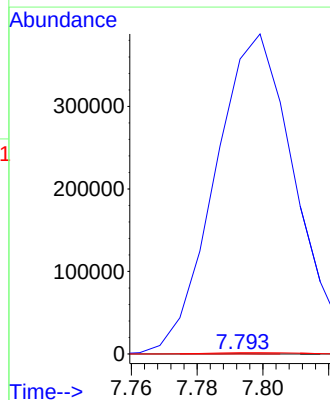
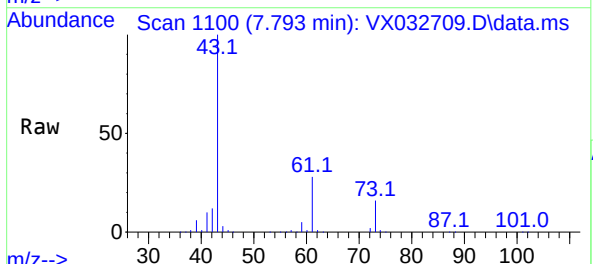
Instrument :
MSVOA_X
ClientSampleId :
TP-10

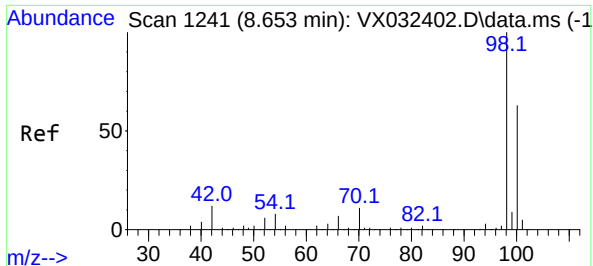
Tgt Ion: 41 Resp: 67684
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 57.2 51.9 77.9



#49
1,4-Dioxane
Concen: 2.196 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.122 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 960026.1 26.6 39.8#
58 4134.8 51.7 77.5#

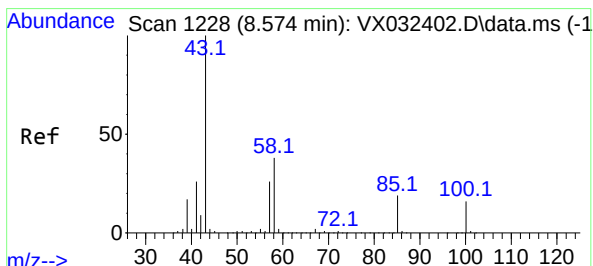
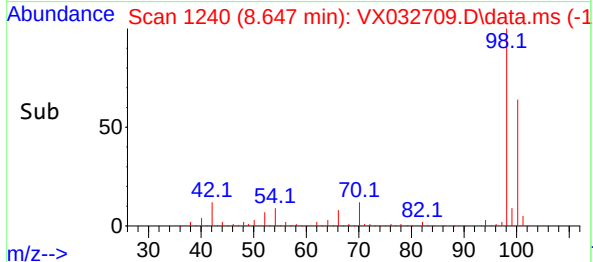
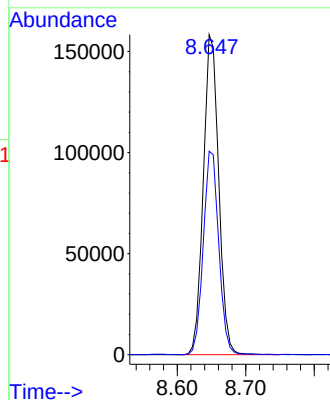
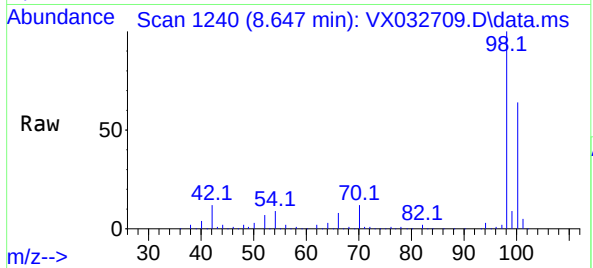




#50
Toluene-d8
Concen: 49.772 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

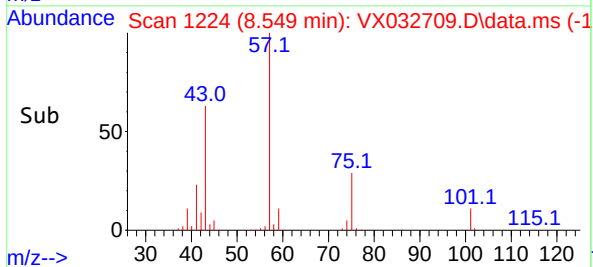
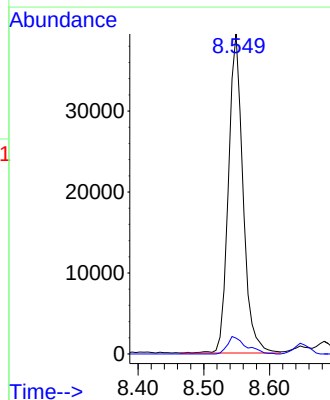
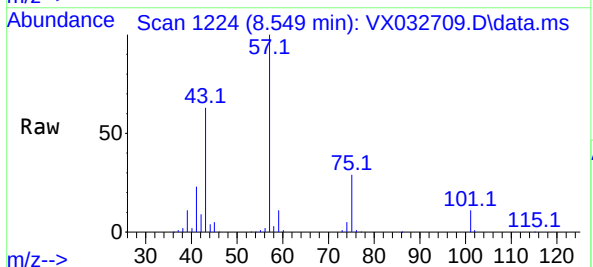
Instrument :
MSVOA_X
ClientSampleId :
TP-10

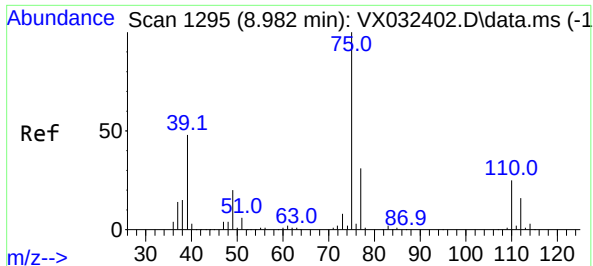
Tgt Ion: 98 Resp: 248257
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 30.231 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 43 Resp: 60792
Ion Ratio Lower Upper
43 100
58 7.0 30.9 46.3





#53

t-1,3-Dichloropropene

Concen: 0.244 ug/l

RT: 8.964 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

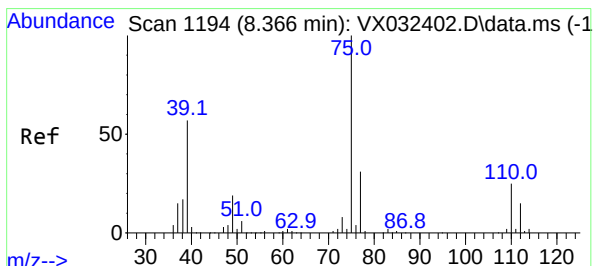
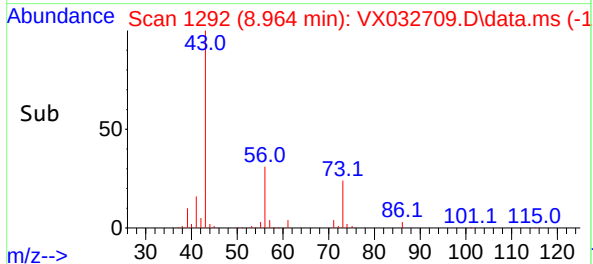
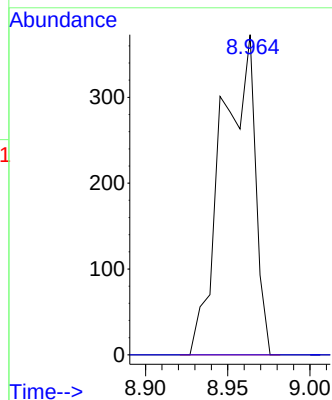
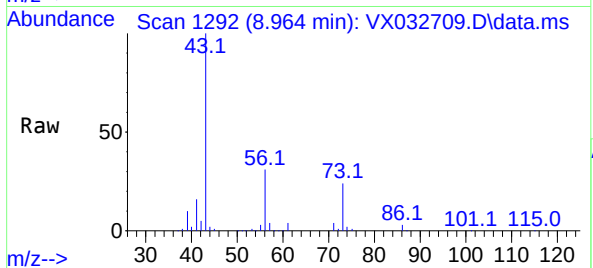
TP-10

Tgt Ion: 75 Resp: 526

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 11.188 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

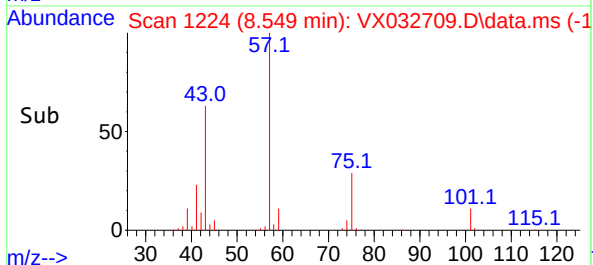
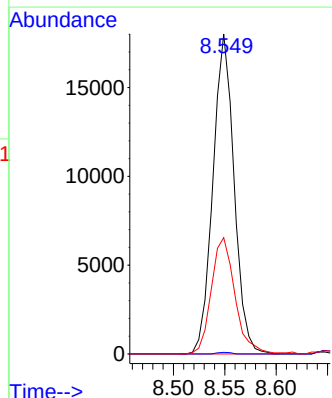
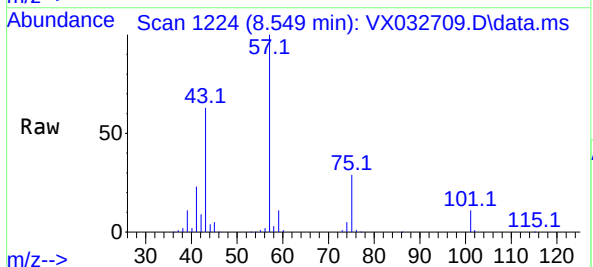
Tgt Ion: 75 Resp: 25750

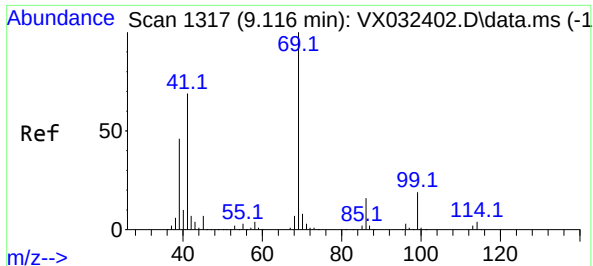
Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#

39 36.3 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.218 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.134 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

TP-10

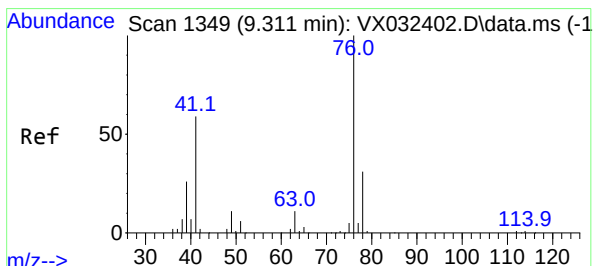
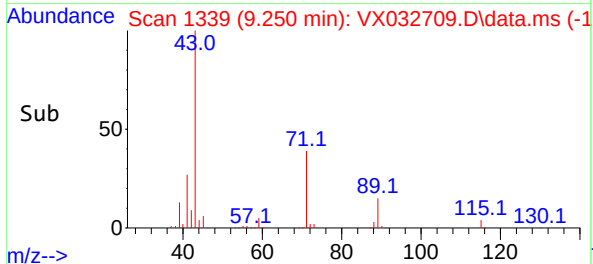
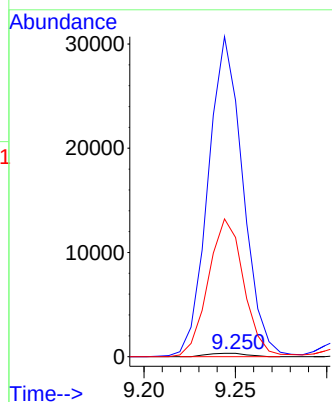
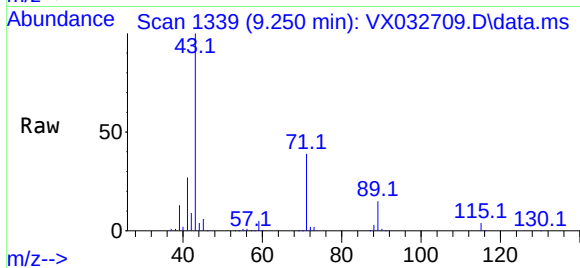
Tgt Ion: 69 Resp: 487

Ion Ratio Lower Upper

69 100

41 8398.6 54.3 81.5#

39 3692.8 35.2 52.8#



#57

1,3-Dichloropropane

Concen: 1.323 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX032709.D

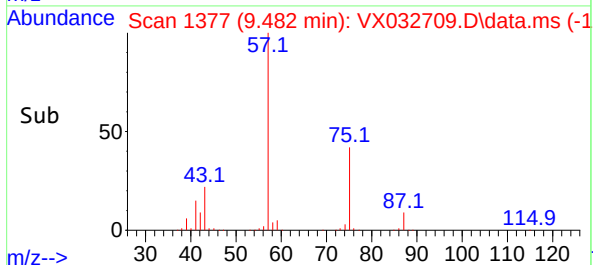
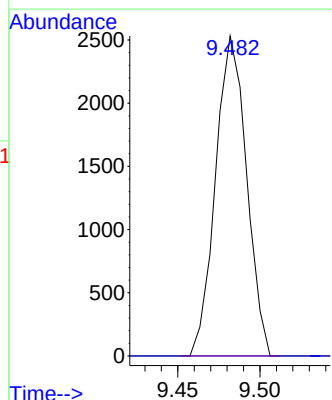
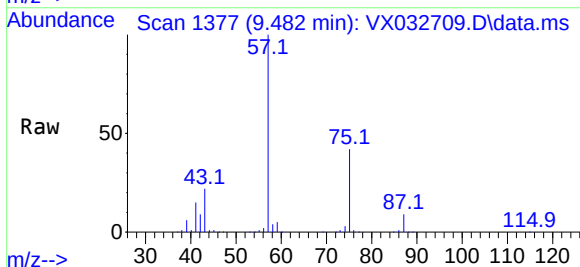
Acq: 10 Nov 2022 06:04

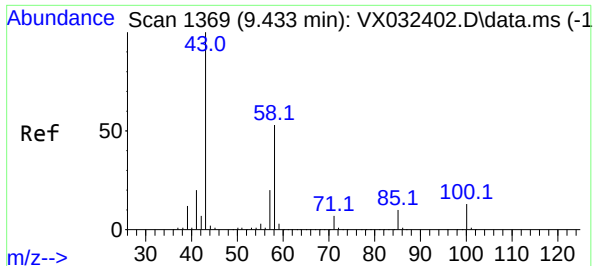
Tgt Ion: 76 Resp: 3319

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 33.003 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

Instrument :

MSVOA_X

ClientSampleId :

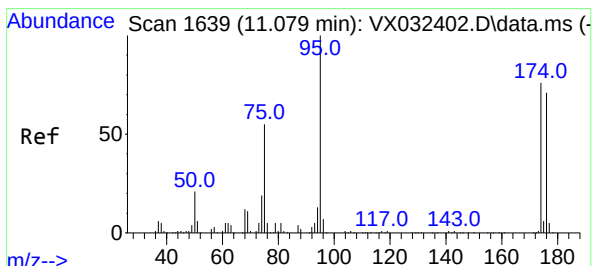
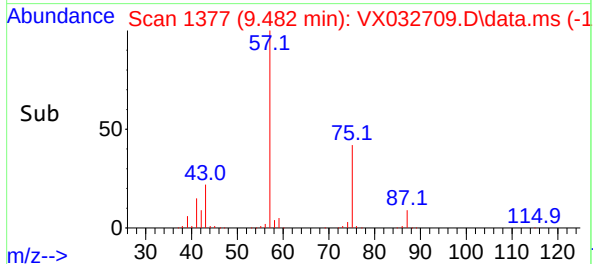
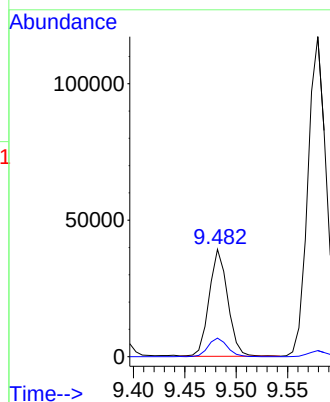
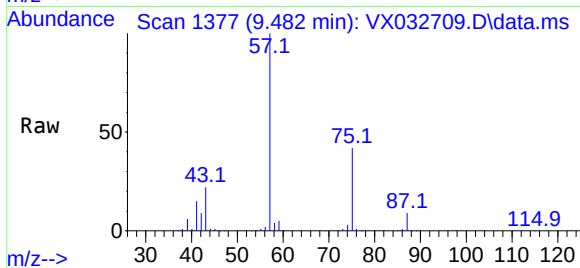
TP-10

Tgt Ion: 43 Resp: 49244

Ion Ratio Lower Upper

43 100

58 18.0 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 51.034 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032709.D

Acq: 10 Nov 2022 06:04

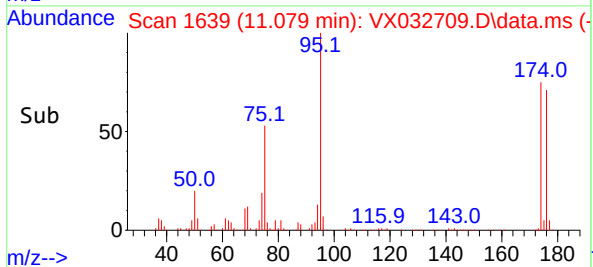
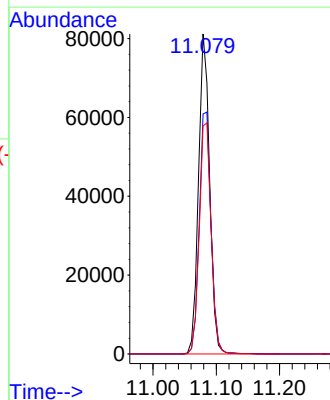
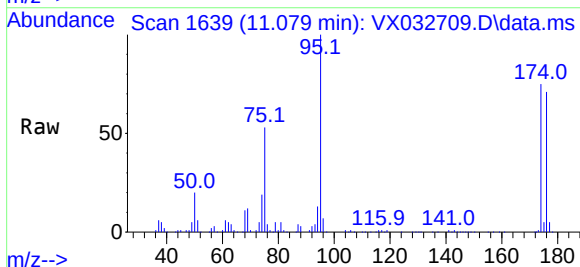
Tgt Ion: 95 Resp: 99435

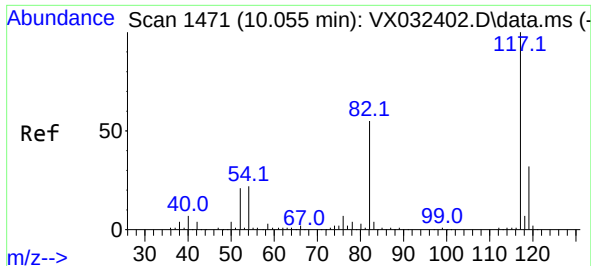
Ion Ratio Lower Upper

95 100

174 80.2 0.0 164.0

176 76.7 0.0 154.4

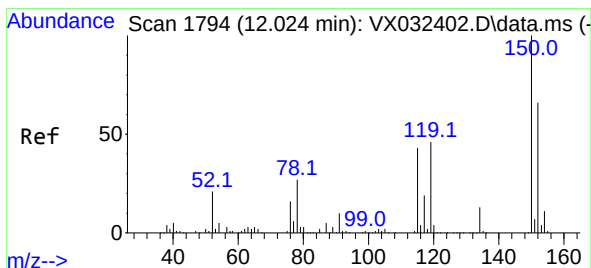
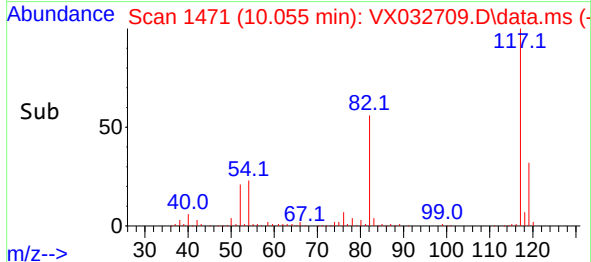
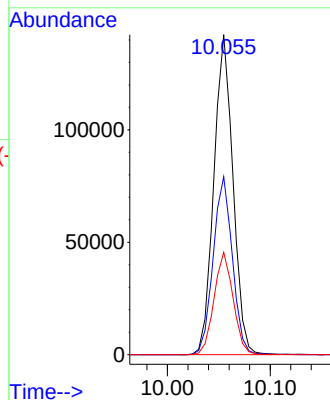
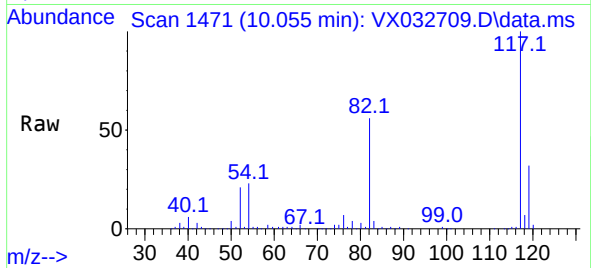




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

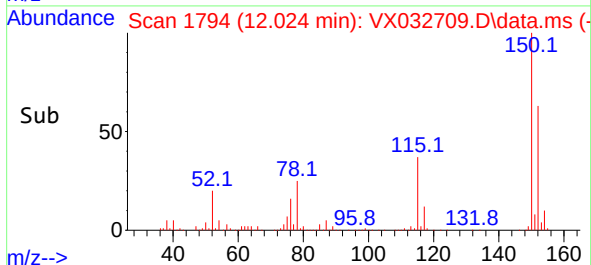
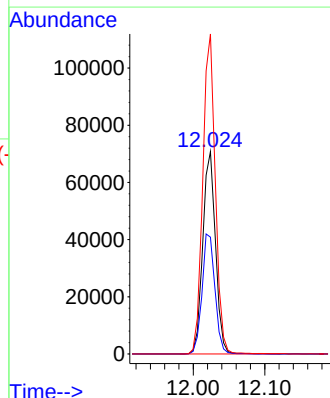
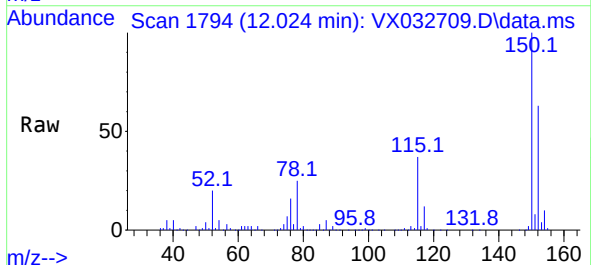
Instrument :
MSVOA_X
ClientSampleId :
TP-10

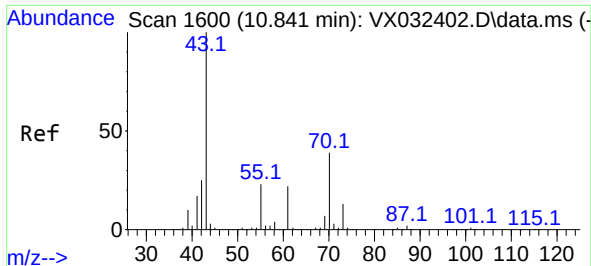
Tgt Ion:117 Resp: 184226
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion:152 Resp: 87715
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 155.1 0.0 351.8



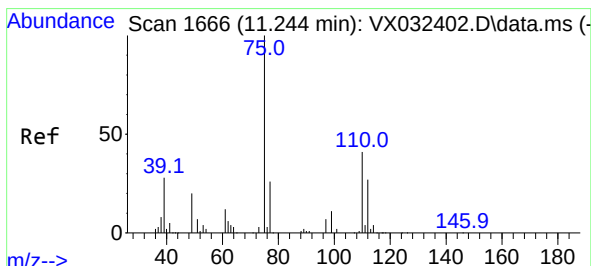
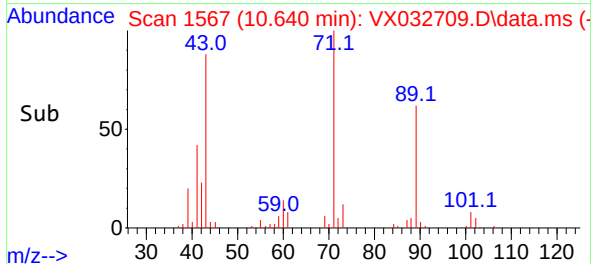
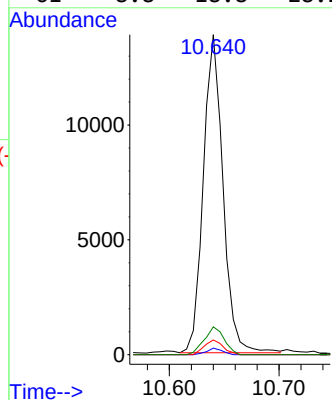
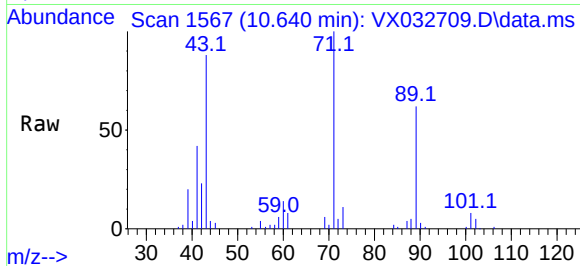


#74
N-amy1 acetate
Concen: 6.577 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Instrument :
MSVOA_X
ClientSampleId :
TP-10

Tgt Ion: 43 Resp: 17273

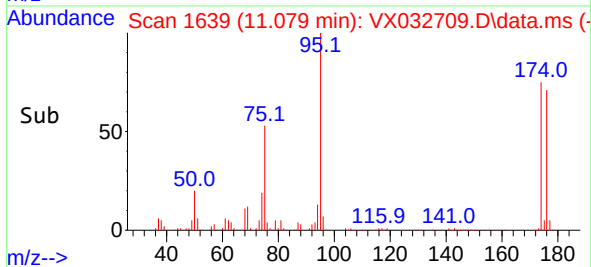
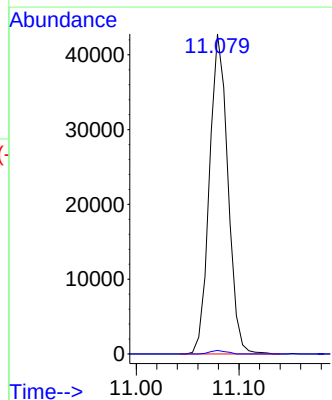
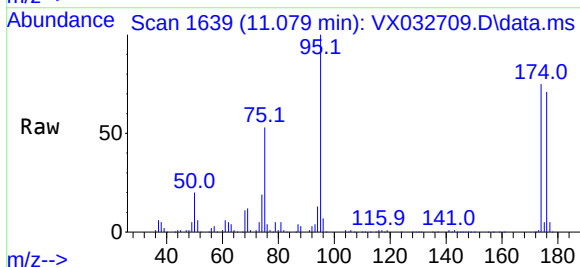
Ion	Ratio	Lower	Upper
43	100		
70	1.6	33.6	50.4#
55	4.4	19.4	29.2#
61	8.8	18.8	28.2#

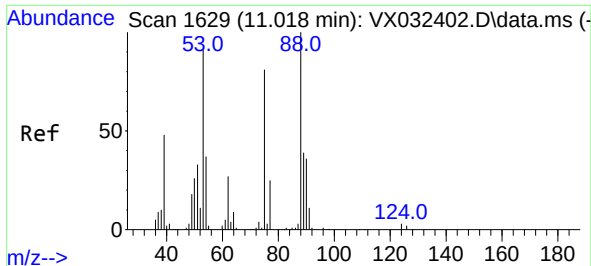


#76
1,2,3-Trichloropropane
Concen: 27.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032709.D
Acq: 10 Nov 2022 06:04

Tgt Ion: 75 Resp: 53278

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.875 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032709.D
 Acq: 10 Nov 2022 06:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Tgt Ion: 75 Resp: 53278
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

