

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032706.D
 Acq On : 10 Nov 2022 04:55
 Operator : JC/MD
 Sample : N5506-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Nov 10 05:21:21 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

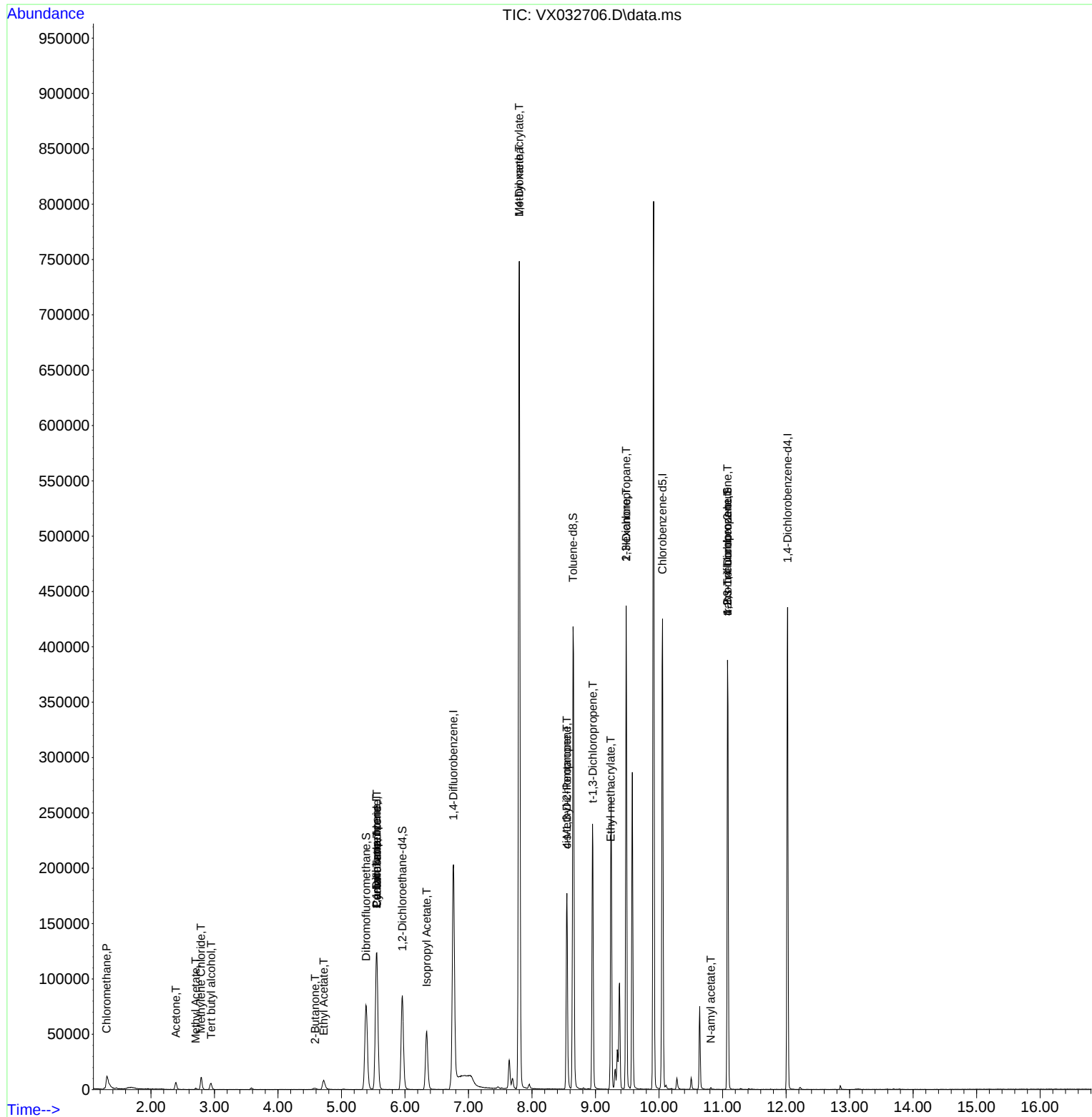
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	117975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84985	51.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.680%			
35) Dibromofluoromethane	5.385	113	65515	45.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.500%			
50) Toluene-d8	8.647	98	248212	49.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	97547	50.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.300%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	594	0.516	ug/l #	43
11) Tert butyl alcohol	2.946	59	3448	14.452	ug/l #	72
16) Acetone	2.392	43	8293	13.919	ug/l	95
18) Methyl Acetate	2.703	43	1597	0.824	ug/l #	90
20) Methylene Chloride	2.788	84	5255	3.847	ug/l	96
25) 2-Butanone	4.586	43	1267	1.373	ug/l	97
31) Cyclohexane	5.556	56	2779	1.398	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	9114	4.570	ug/l #	51
37) Ethyl Acetate	4.721	43	15783	7.603	ug/l	96
38) Carbon Tetrachloride	5.556	117	12680	5.733	ug/l #	15
43) Isopropyl Acetate	6.342	43	70794	22.212	ug/l	99
48) Methyl methacrylate	7.799	41	68737	41.758	ug/l #	45
49) 1,4-Dioxane	7.799	88	74	2.359	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	61362	30.566	ug/l #	48
53) t-1,3-Dichloropropene	8.958	75	437	0.203	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	26031	11.328	ug/l #	63
56) Ethyl methacrylate	9.238	69	529	0.237	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3574	1.427	ug/l #	42
59) 2-Hexanone	9.482	43	50479	33.887	ug/l #	50
74) N-amyl acetate	10.817	43	736	0.283	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	52782	27.341	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52782	87.000	ug/l #	6

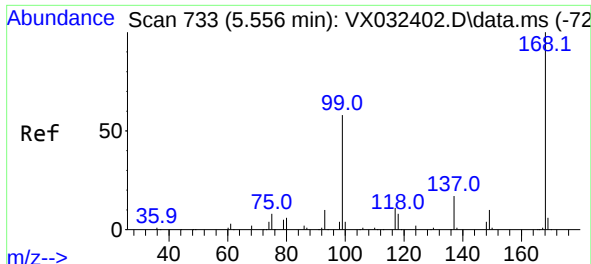
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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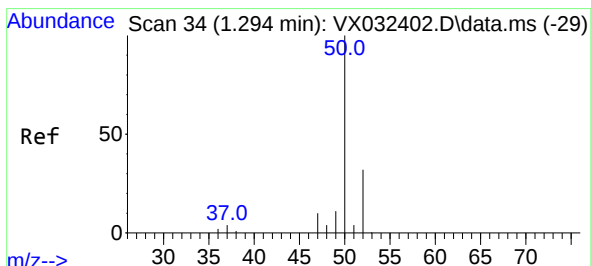
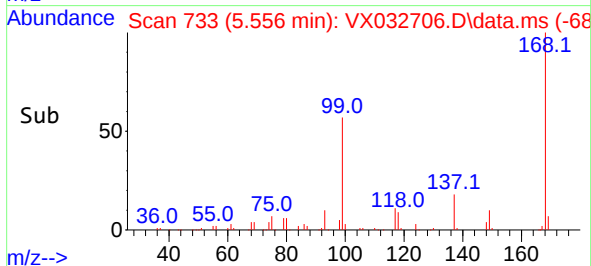
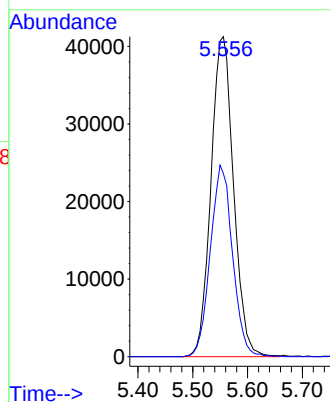
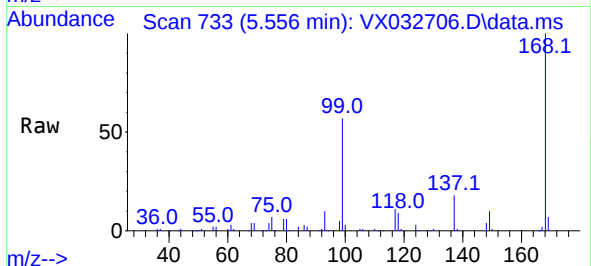




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

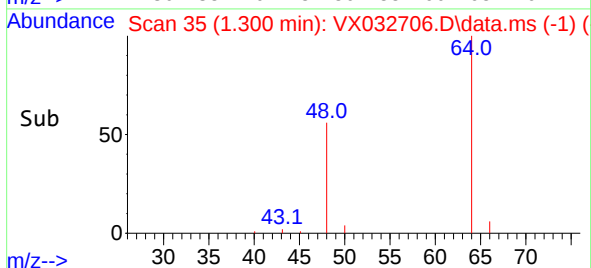
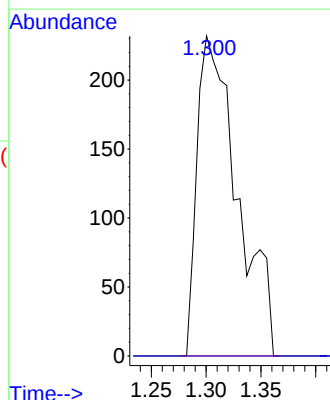
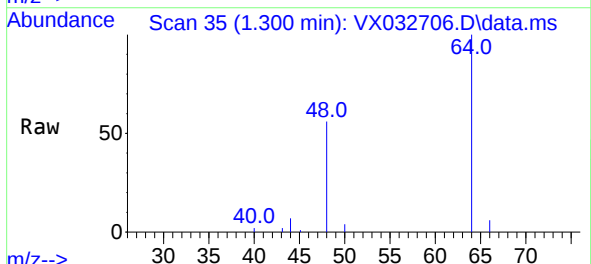
Instrument :
MSVOA_X
ClientSampleId :
TP-6

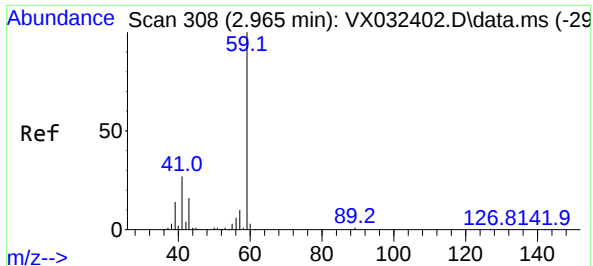
Tgt Ion:168 Resp: 117975
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#3
Chloromethane
Concen: 0.516 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 50 Resp: 594
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 14.452 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

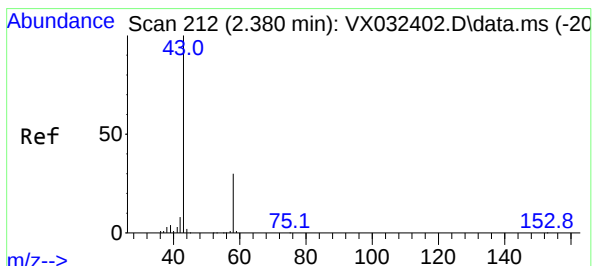
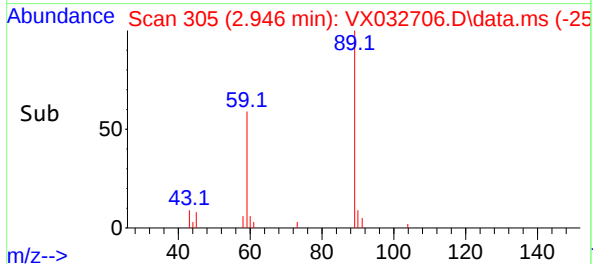
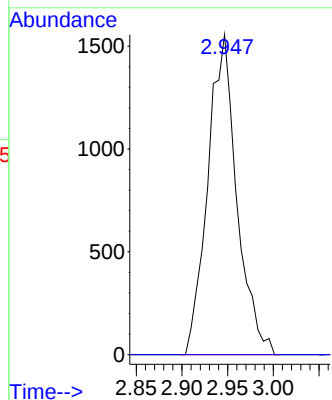
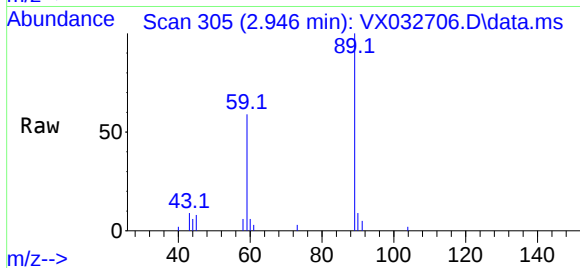
TP-6

Tgt Ion: 59 Resp: 3448

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 13.919 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032706.D

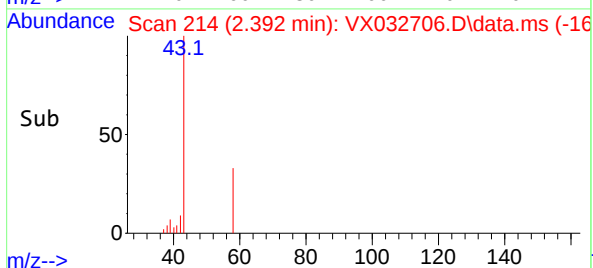
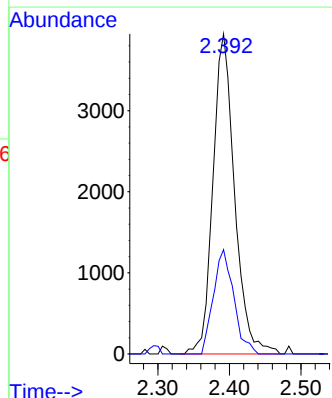
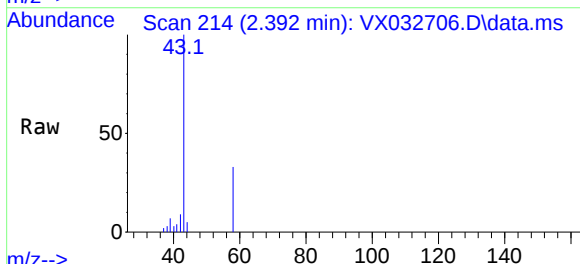
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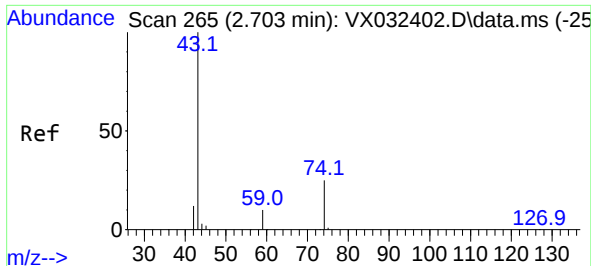
Tgt Ion: 43 Resp: 8293

Ion Ratio Lower Upper

43 100

58 32.6 23.8 35.8





#18

Methyl Acetate

Concen: 0.824 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

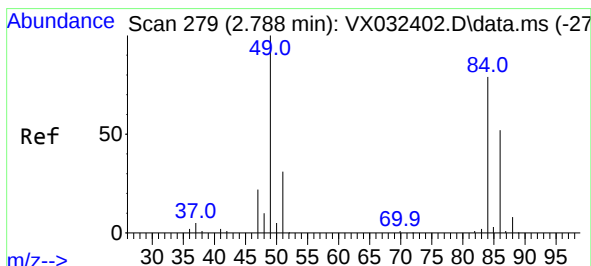
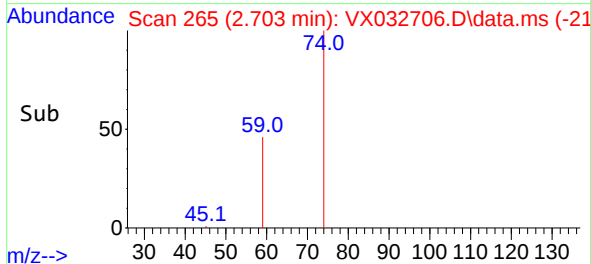
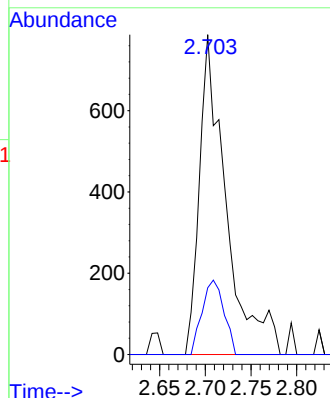
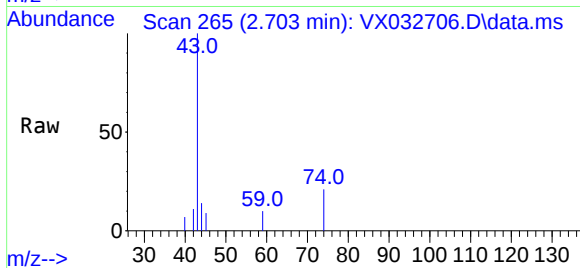
TP-6

Tgt Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

74 19.0 19.4 29.0#



#20

Methylene Chloride

Concen: 3.847 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

Tgt Ion: 84 Resp: 5255

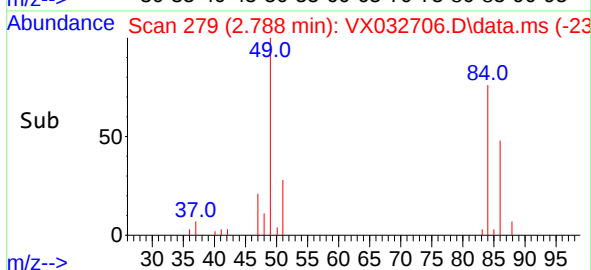
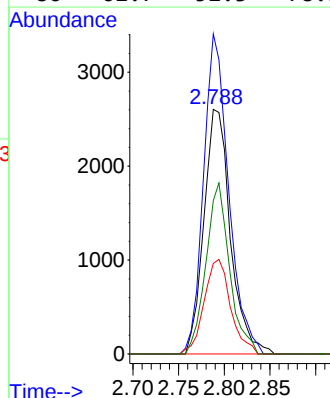
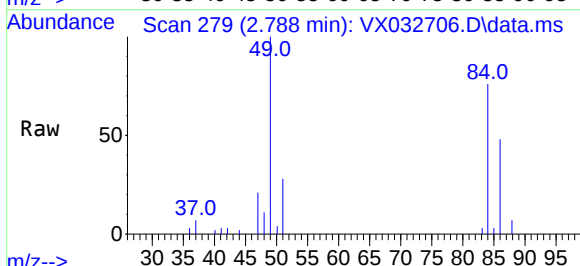
Ion Ratio Lower Upper

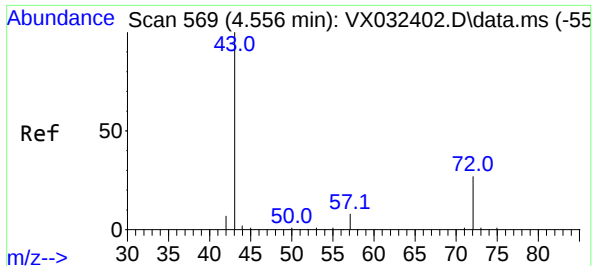
84 100

49 130.8 101.0 151.6

51 37.0 31.1 46.7

86 62.7 52.3 78.5

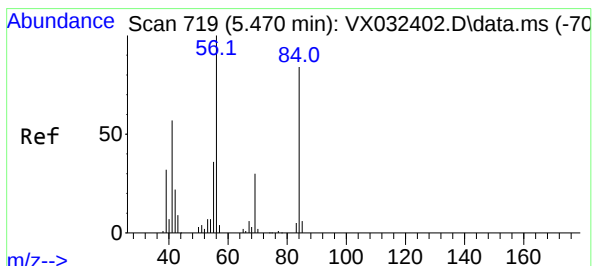
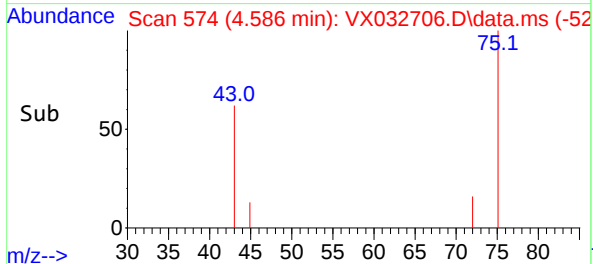
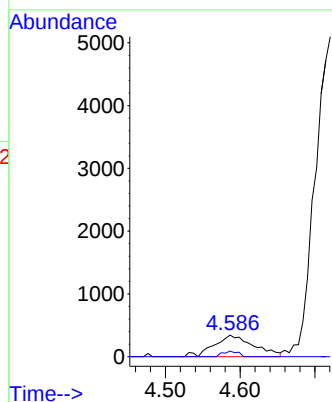
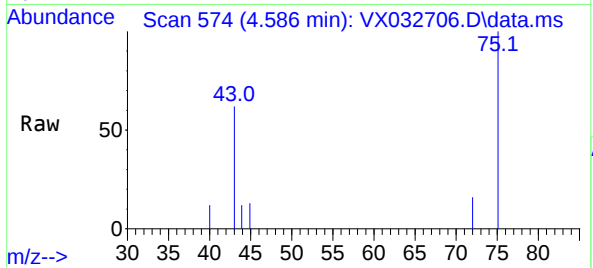




#25
2-Butanone
Concen: 1.373 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

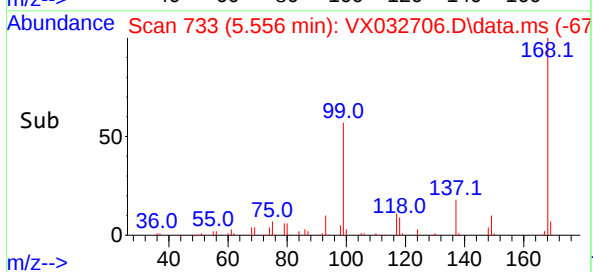
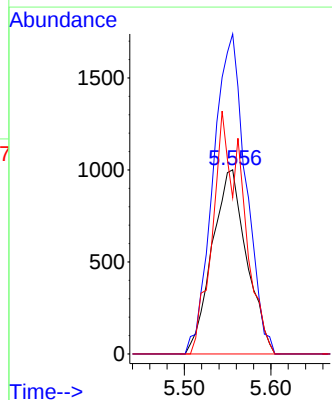
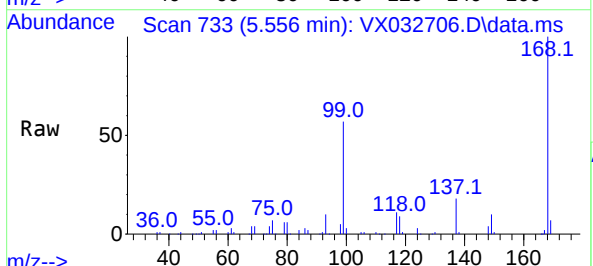
Instrument :
MSVOA_X
ClientSampleId :
TP-6

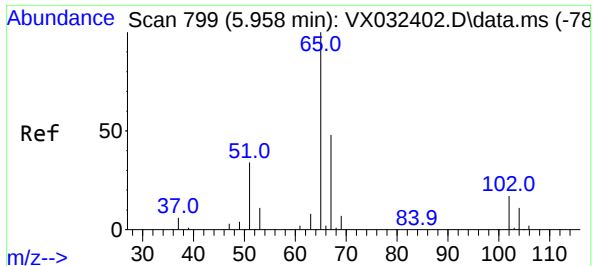
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
72 26.2 22.2 33.2



#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 56 Resp: 2779
Ion Ratio Lower Upper
56 100
69 173.7 24.1 36.1#
84 84.9 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 51.844 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

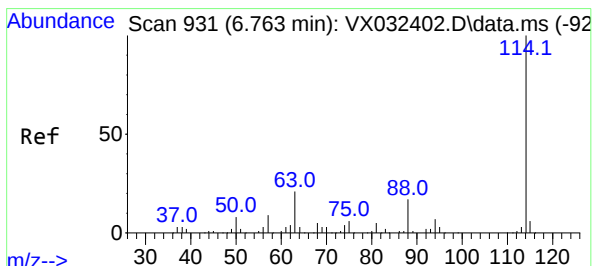
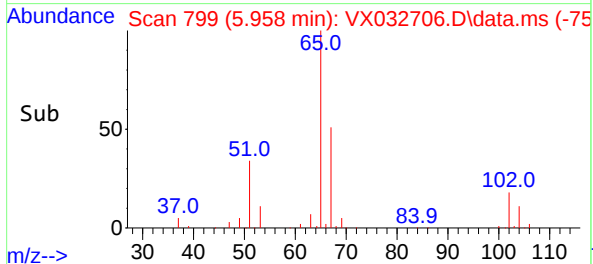
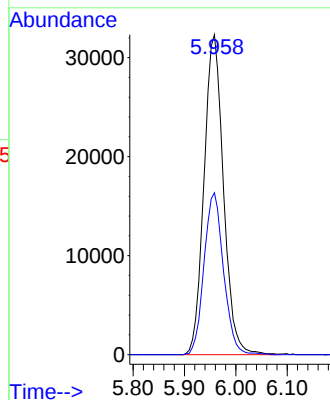
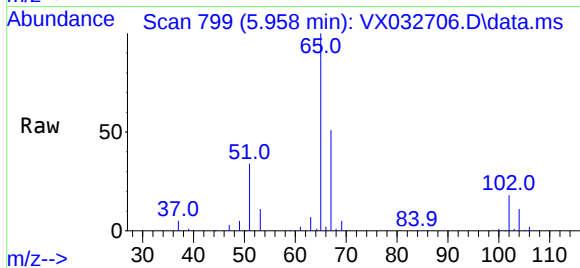
TP-6

Tgt Ion: 65 Resp: 84985

Ion Ratio Lower Upper

65 100

67 50.7 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: VX032706.D

Acq: 10 Nov 2022 04:55

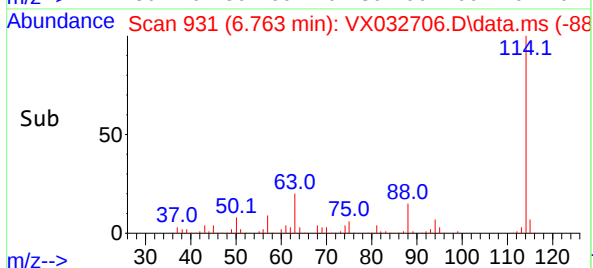
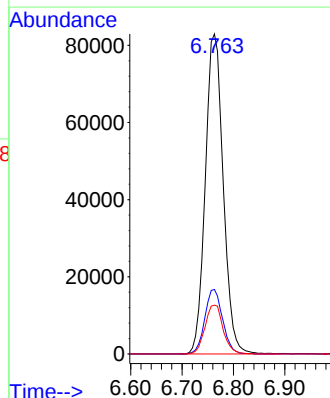
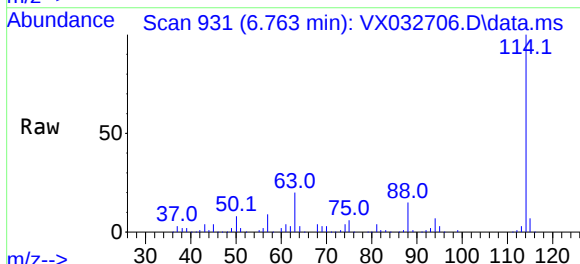
Tgt Ion: 114 Resp: 200765

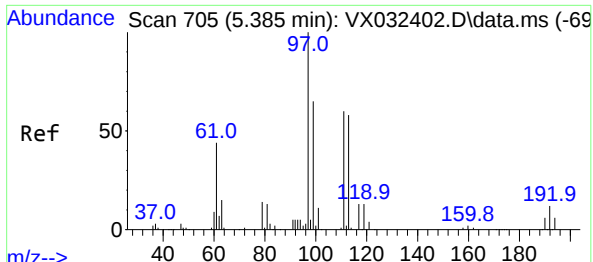
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 15.2 0.0 33.4

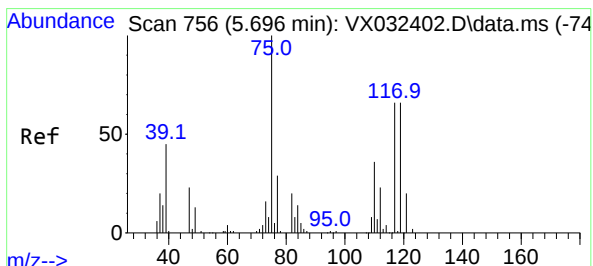
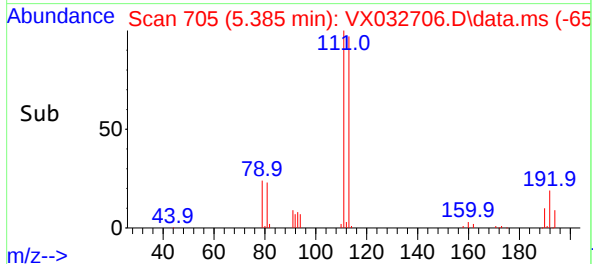
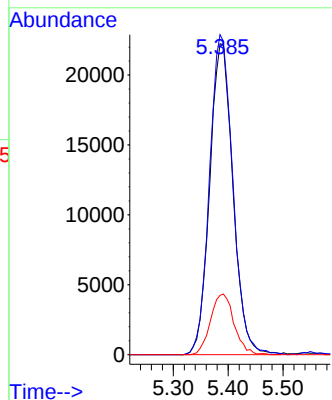
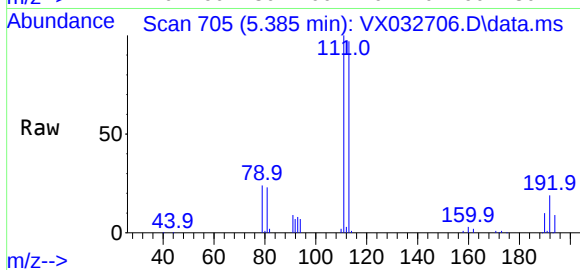




#35
Dibromofluoromethane
Concen: 45.748 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

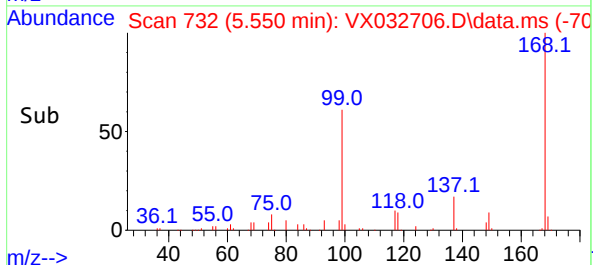
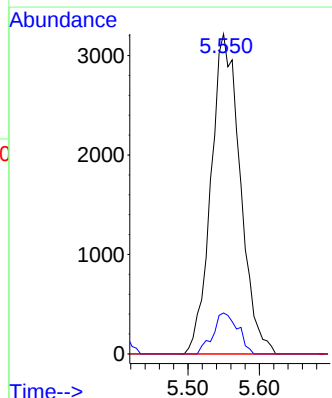
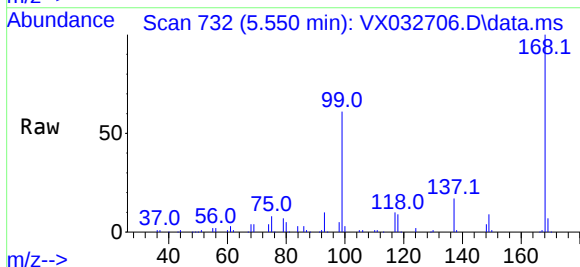
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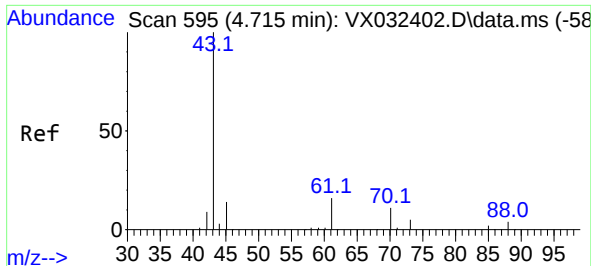
Tgt Ion:113 Resp: 65515
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.570 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 75 Resp: 9114
Ion Ratio Lower Upper
75 100
110 10.9 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 7.603 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

TP-6

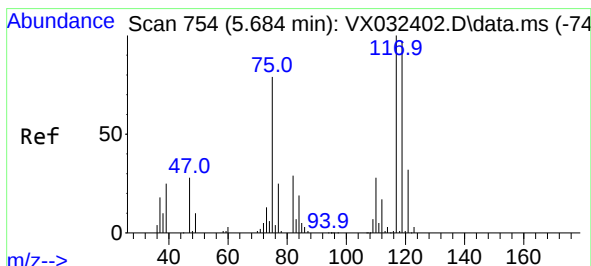
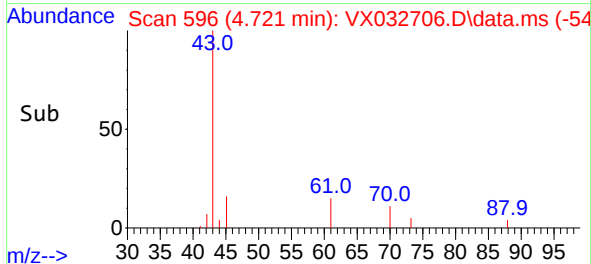
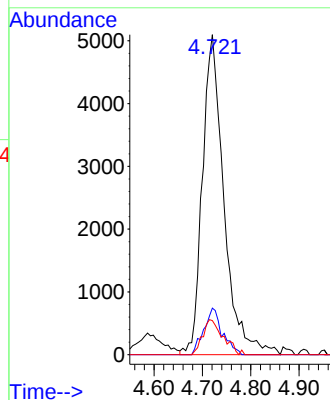
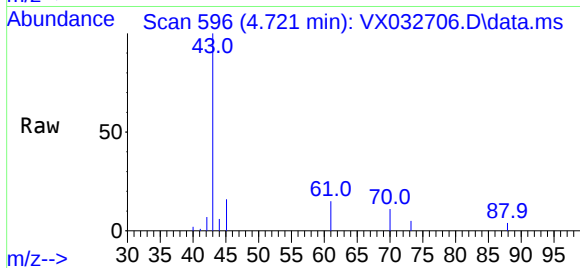
Tgt Ion: 43 Resp: 15783

Ion Ratio Lower Upper

43 100

61 12.5 11.5 17.3

70 10.1 9.1 13.7



#38

Carbon Tetrachloride

Concen: 5.733 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

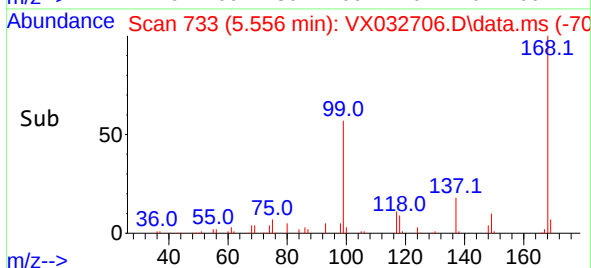
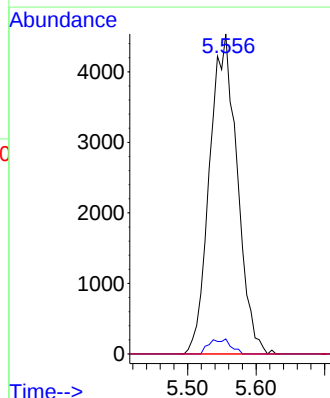
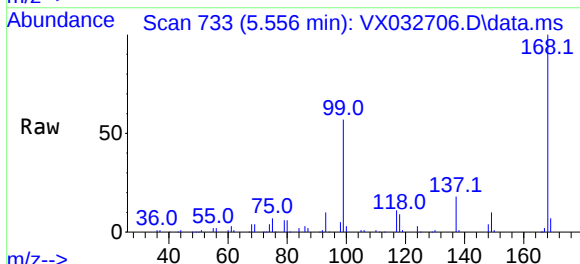
Tgt Ion: 117 Resp: 12680

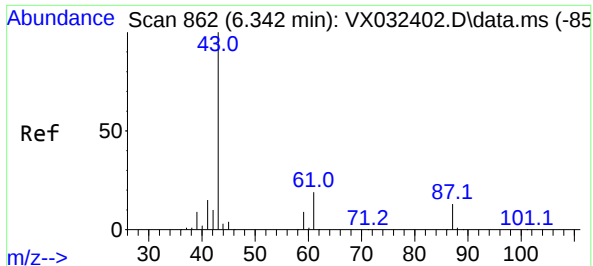
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 25.8 38.6#

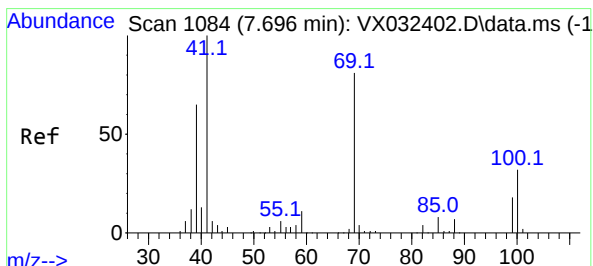
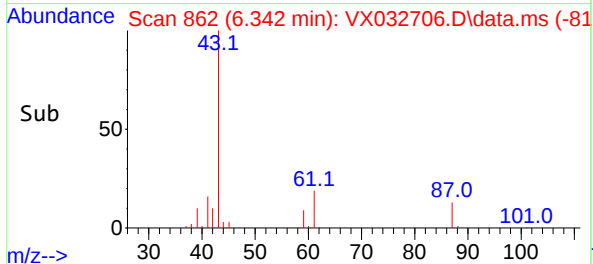
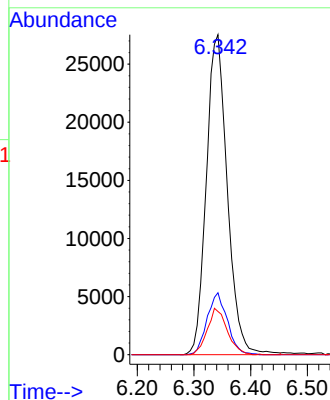
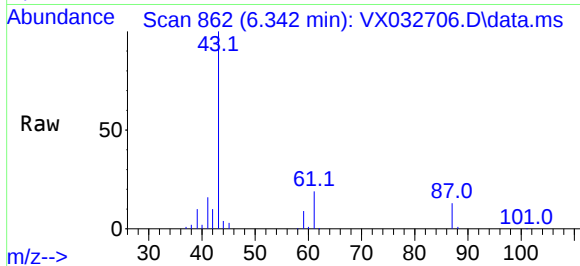




#43
Isopropyl Acetate
Concen: 22.212 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

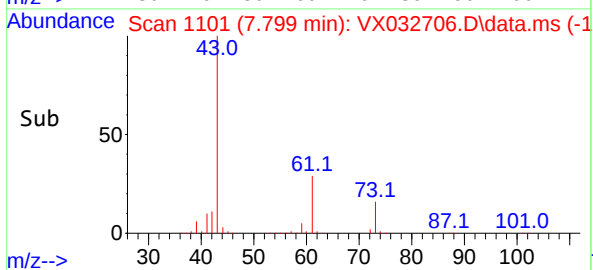
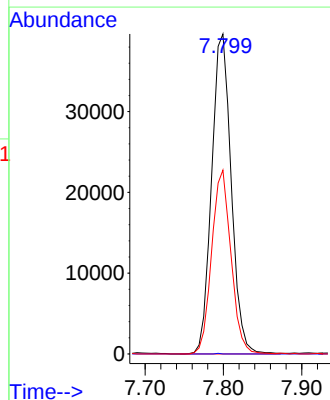
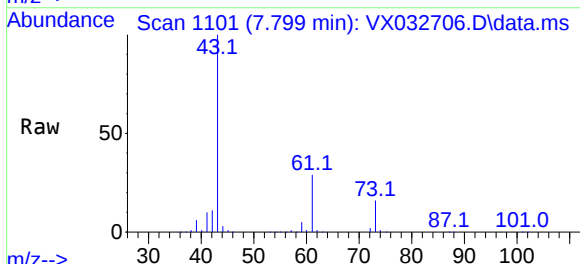
Instrument :
MSVOA_X
ClientSampleId :
TP-6

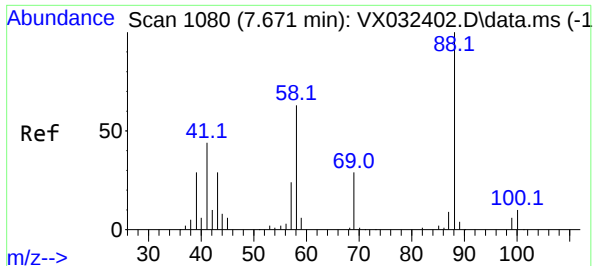
Tgt Ion: 43 Resp: 70794
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 13.7 10.8 16.2



#48
Methyl methacrylate
Concen: 41.758 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 41 Resp: 68737
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 56.7 51.9 77.9





#49

1,4-Dioxane

Concen: 2.359 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX032706.D

Acq: 10 Nov 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

TP-6

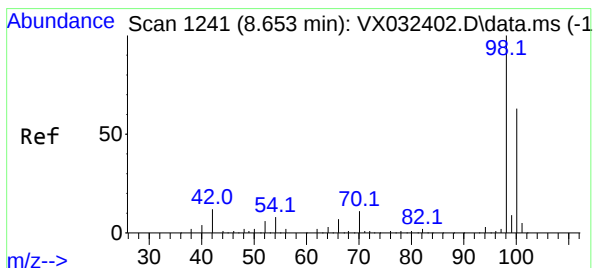
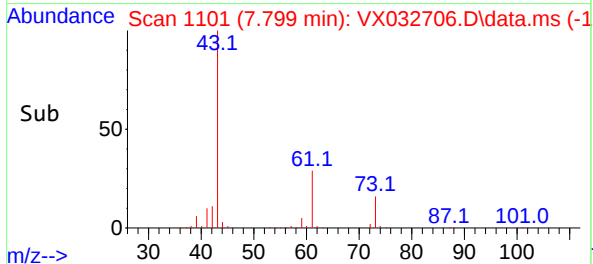
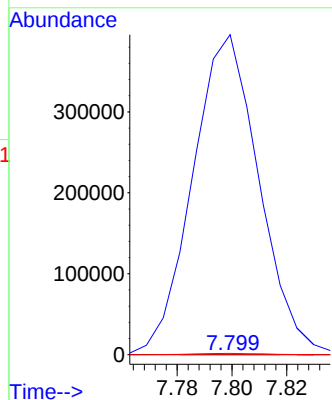
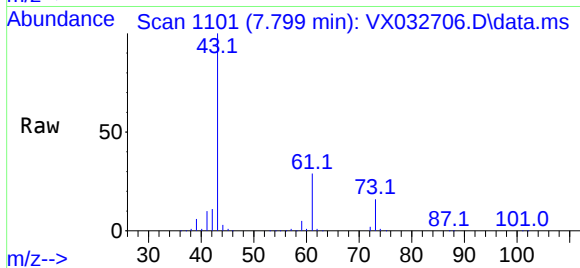
Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

88 100

43 907616.2 26.6 39.8#

58 3671.6 51.7 77.5#



#50

Toluene-d8

Concen: 49.845 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032706.D

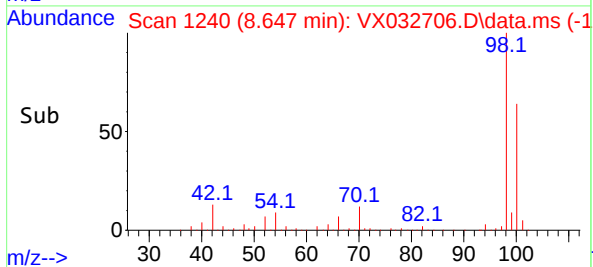
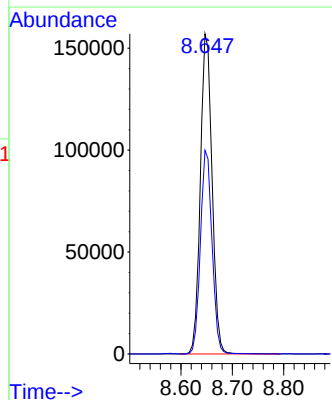
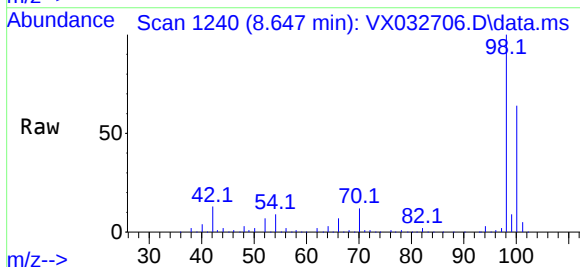
Acq: 10 Nov 2022 04:55

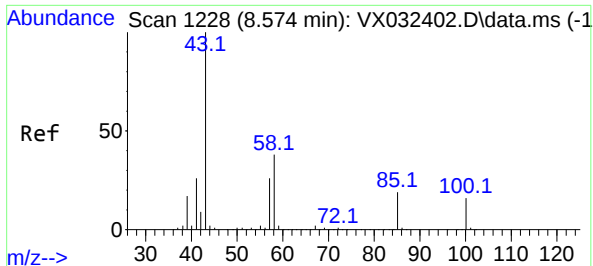
Tgt Ion: 98 Resp: 248212

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3

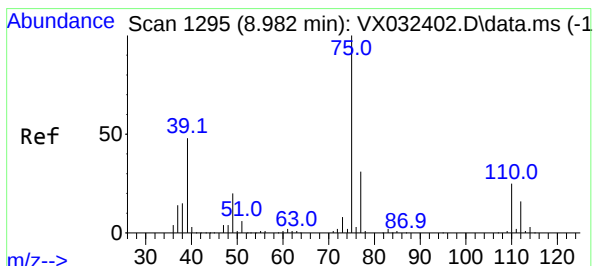
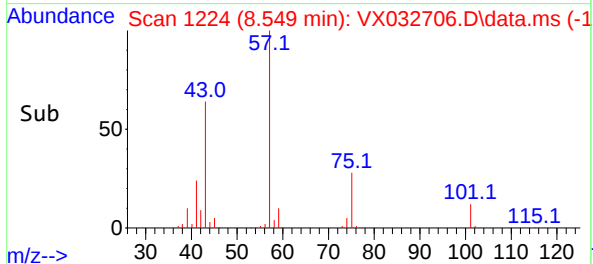
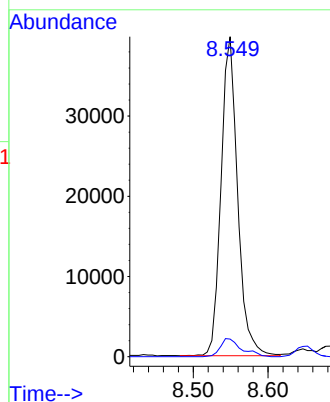
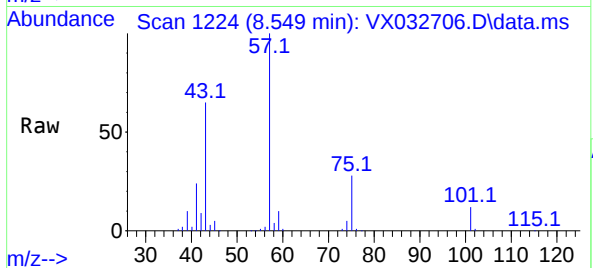




#51
4-Methyl-2-Pentanone
Concen: 30.566 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

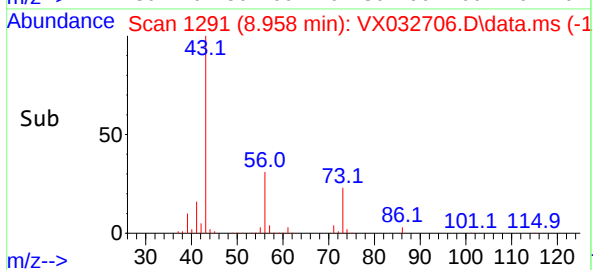
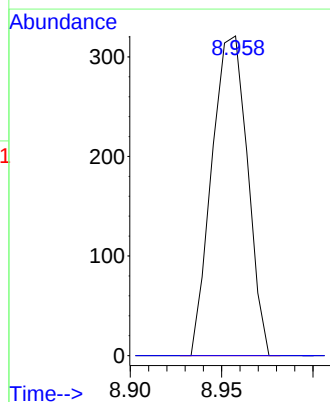
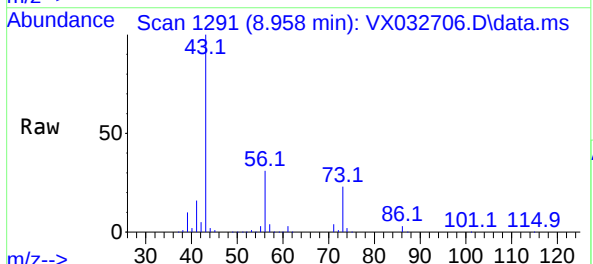
Instrument :
MSVOA_X
ClientSampleId :
TP-6

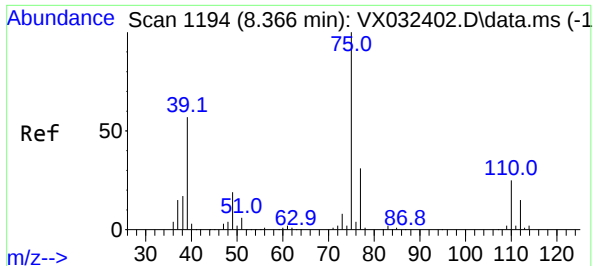
Tgt Ion: 43 Resp: 61362
Ion Ratio Lower Upper
43 100
58 7.2 30.9 46.3#



#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 75 Resp: 437
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

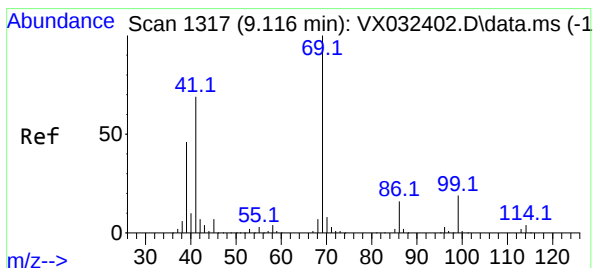
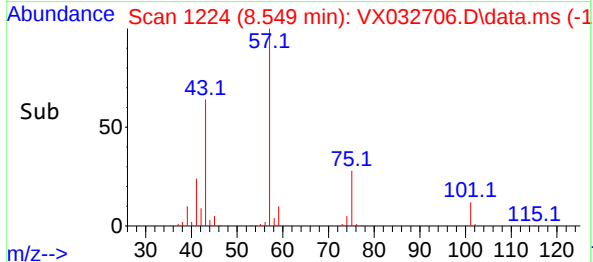
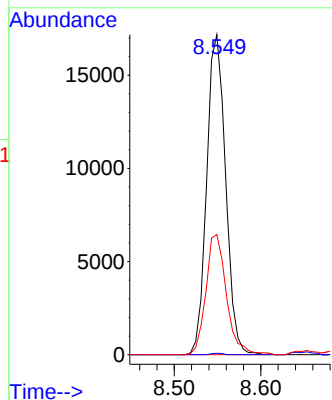
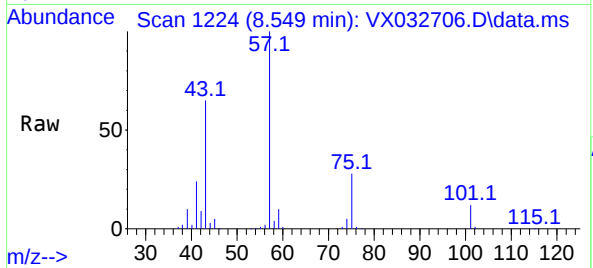




#54
cis-1,3-Dichloropropene
Concen: 11.328 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

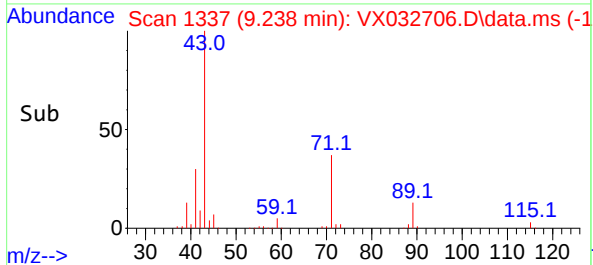
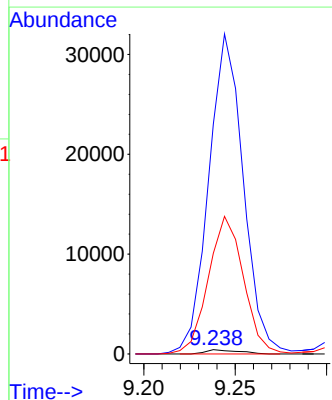
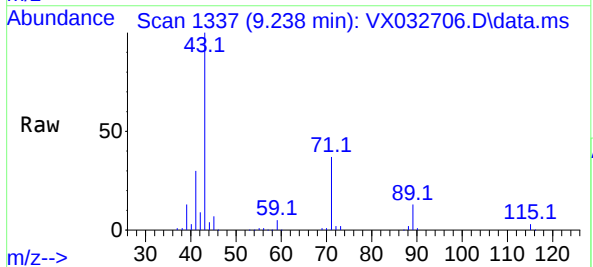
Instrument :
MSVOA_X
ClientSampleId :
TP-6

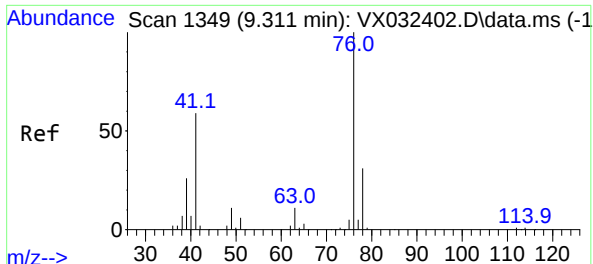
Tgt Ion: 75 Resp: 26031
Ion Ratio Lower Upper
75 100
77 0.4 25.1 37.7#
39 37.5 45.5 68.3#



#56
Ethyl methacrylate
Concen: 0.237 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 69 Resp: 529
Ion Ratio Lower Upper
69 100
41 8003.6 54.3 81.5#
39 3501.5 35.2 52.8#

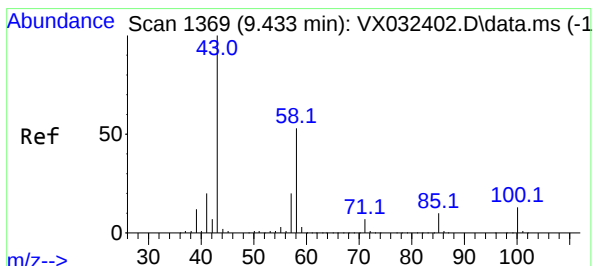
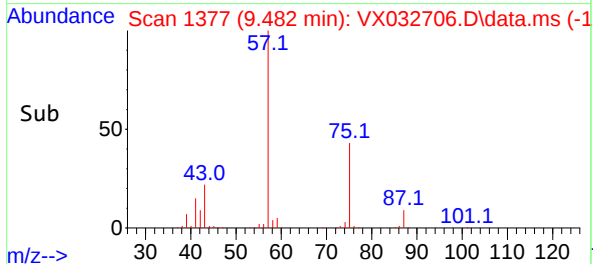
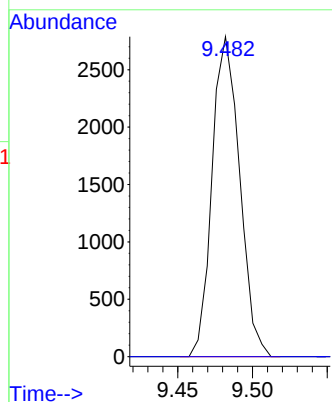
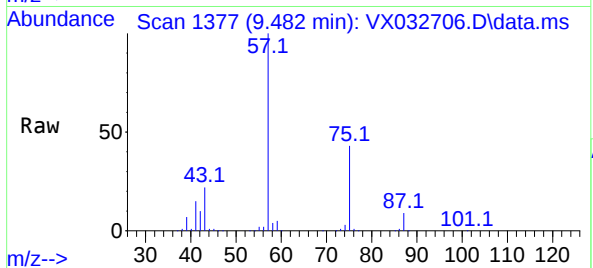




#57
1,3-Dichloropropane
Concen: 1.427 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

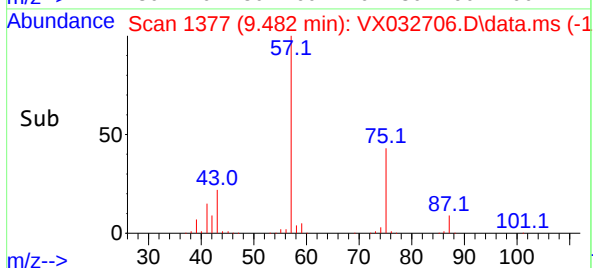
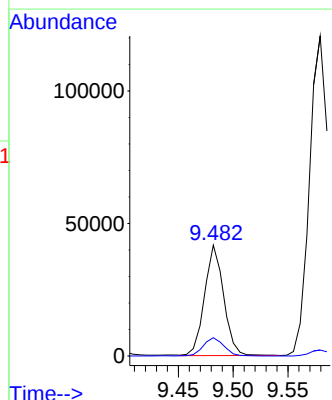
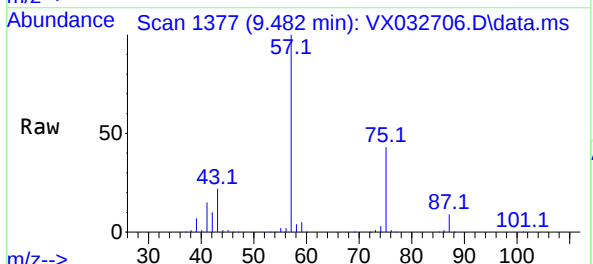
Instrument :
MSVOA_X
ClientSampleId :
TP-6

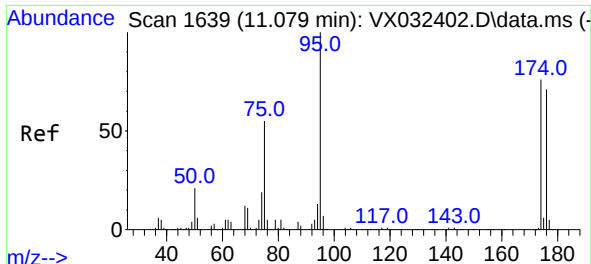
Tgt Ion: 76 Resp: 3574
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 33.887 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 43 Resp: 50479
Ion Ratio Lower Upper
43 100
58 17.9 26.5 79.5#

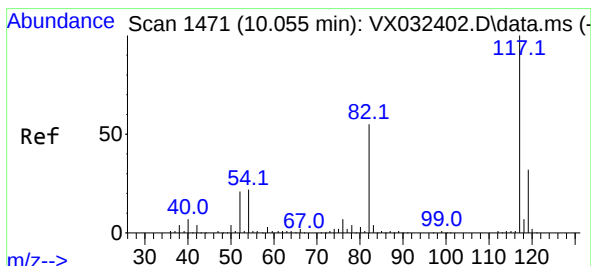
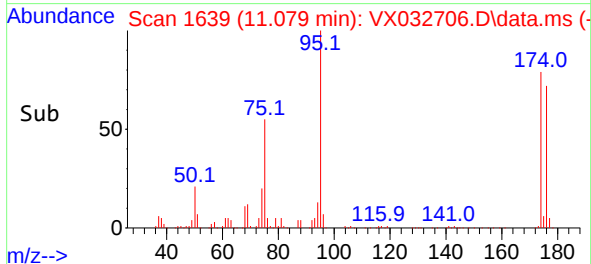
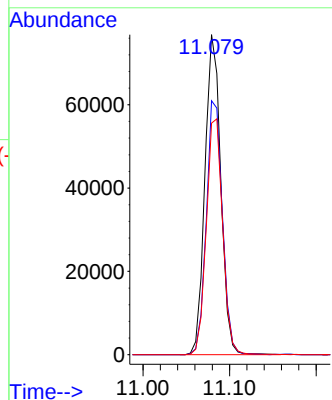
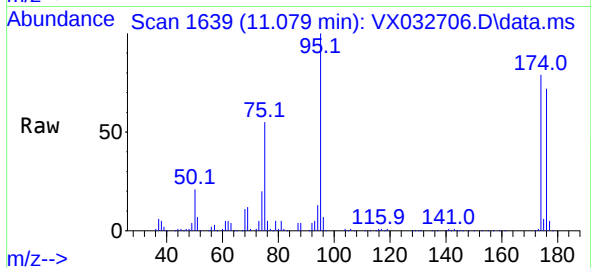




#62
4-Bromofluorobenzene
Concen: 50.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

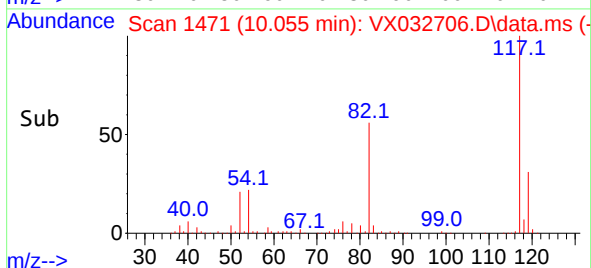
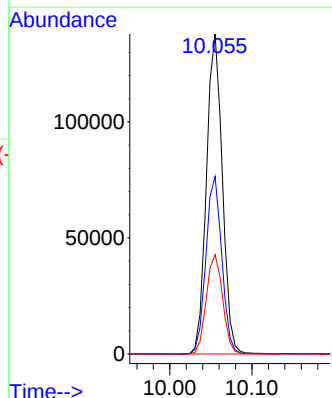
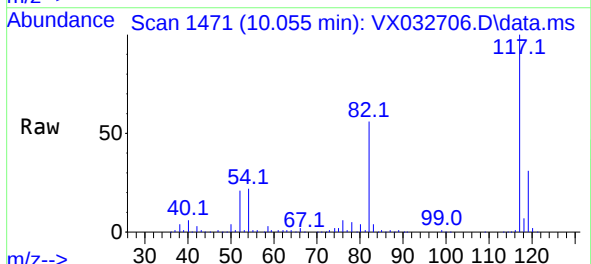
Instrument :
MSVOA_X
ClientSampleId :
TP-6

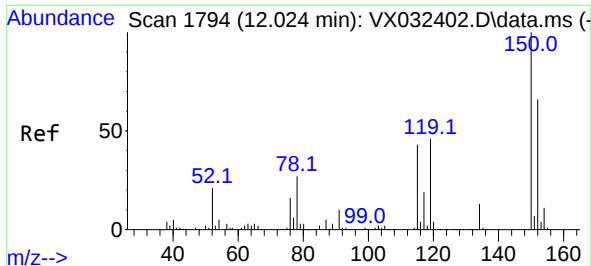
Tgt Ion: 95 Resp: 97547
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 76.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

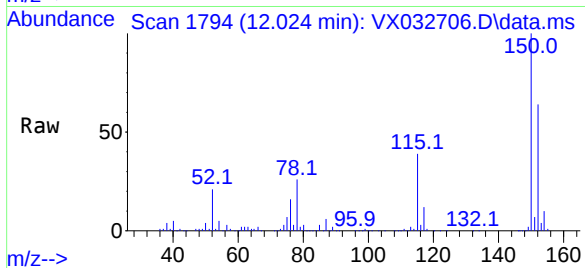
Tgt Ion: 117 Resp: 185325
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 31.0 25.7 38.5



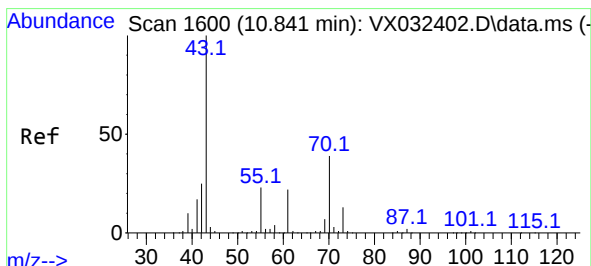
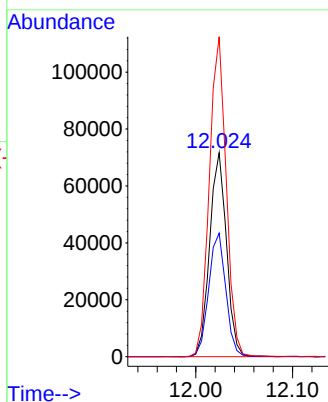
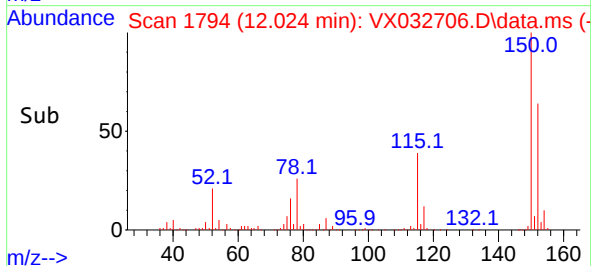


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

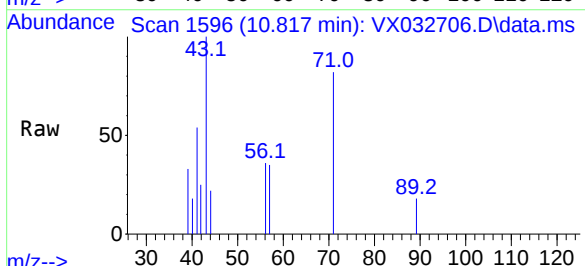
Instrument :
MSVOA_X
ClientSampleId :
TP-6



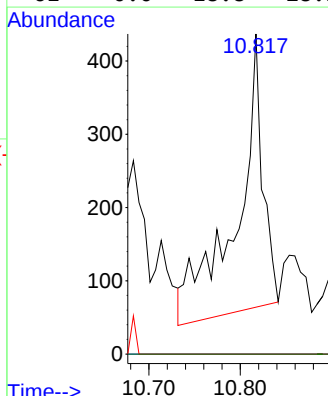
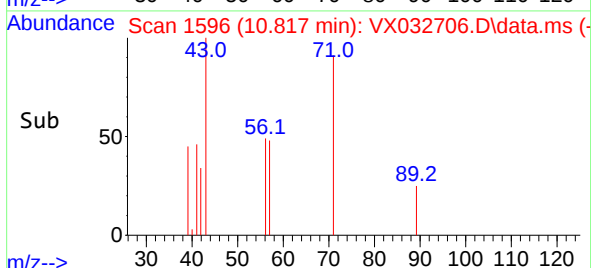
Tgt Ion:152 Resp: 86774
Ion Ratio Lower Upper
152 100
115 61.5 44.0 132.0
150 156.9 0.0 351.8

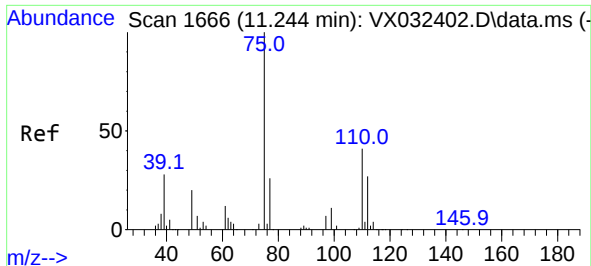


#74
N-ethyl acetate
Concen: 0.283 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55



Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
70 0.0 33.6 50.4#
55 0.0 19.4 29.2#
61 0.0 18.8 28.2#

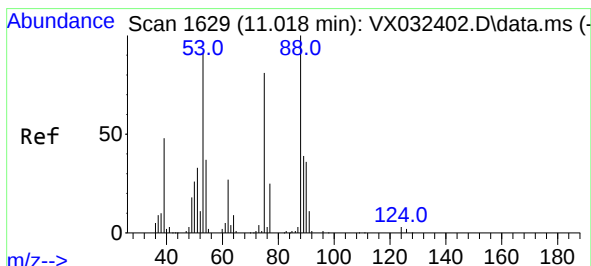
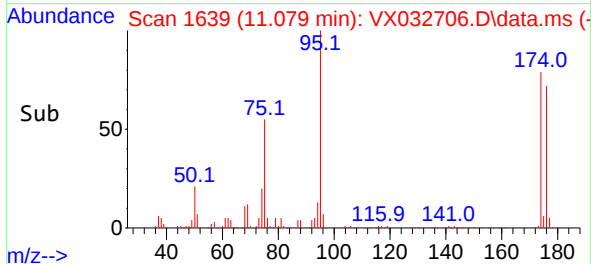
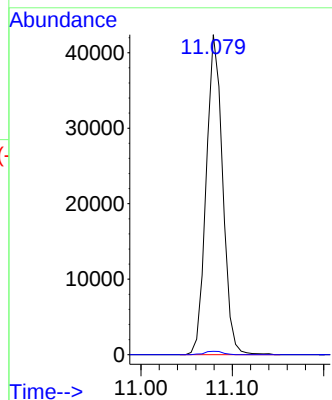
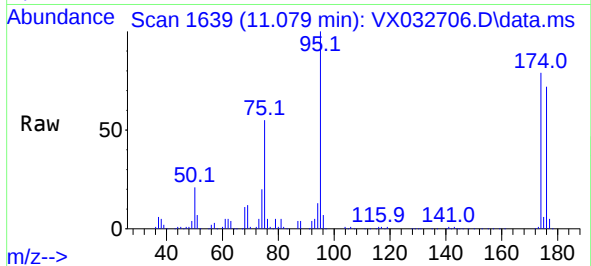




#76
1,2,3-Trichloropropane
Concen: 27.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Tgt Ion: 75 Resp: 52782
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032706.D
Acq: 10 Nov 2022 04:55

Tgt Ion: 75 Resp: 52782
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

