

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032710.D
 Acq On : 10 Nov 2022 06:27
 Operator : JC/MD
 Sample : N5509-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Quant Time: Nov 10 08:08:56 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)

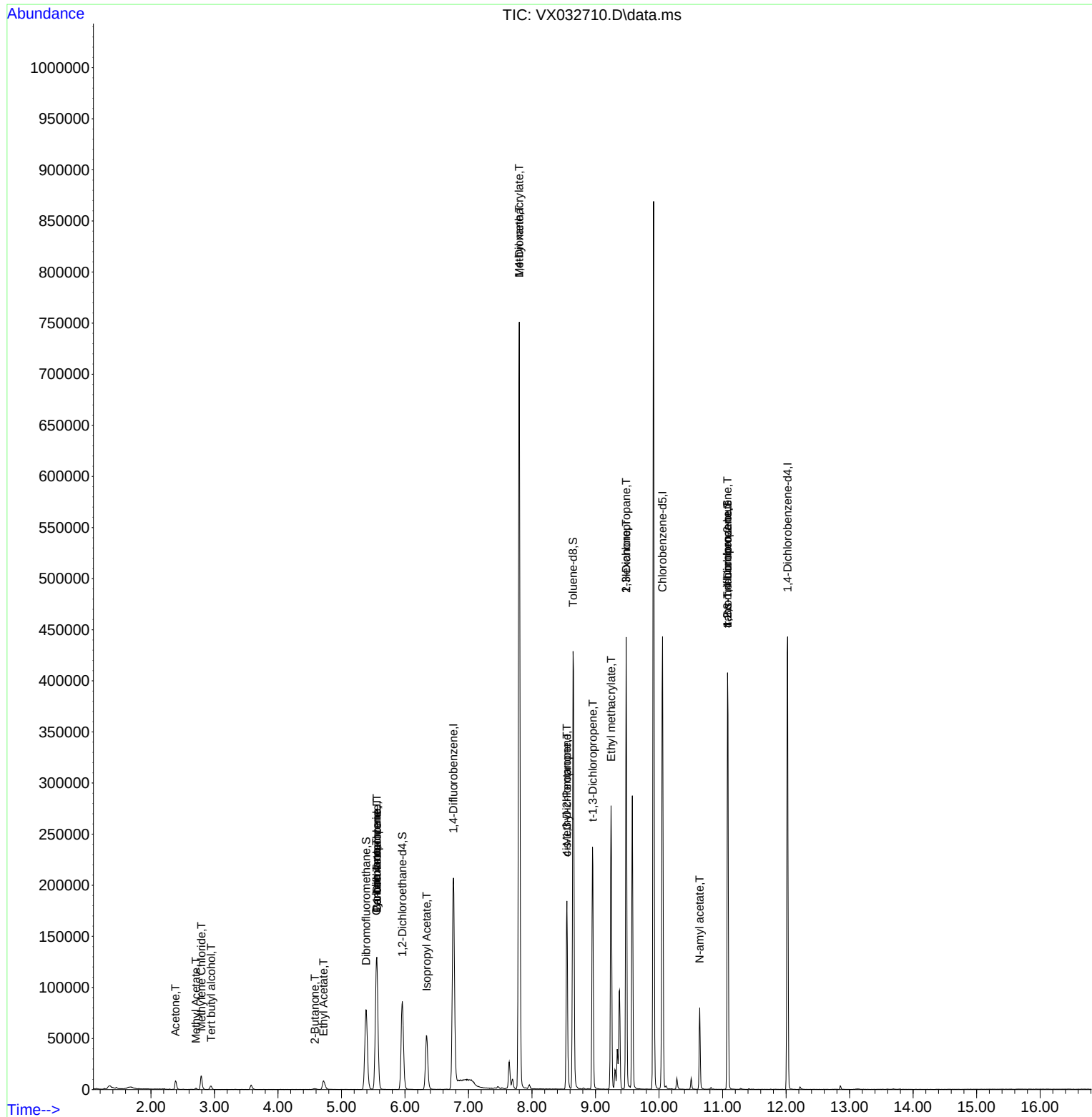
Internal Standards						
1) Pentafluorobenzene	5.556	168	123441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86792	50.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.200%	
35) Dibromofluoromethane	5.385	113	68004	46.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.540%	
50) Toluene-d8	8.647	98	255703	50.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	11.079	95	100949	51.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2142	8.580	ug/l #	72
16) Acetone	2.386	43	10875	17.445	ug/l	100
18) Methyl Acetate	2.709	43	1648	0.813	ug/l	95
20) Methylene Chloride	2.794	84	6598	4.616	ug/l #	95
25) 2-Butanone	4.580	43	1405	1.455	ug/l #	84
31) Cyclohexane	5.550	56	2766	1.330	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	9507	4.695	ug/l #	50
37) Ethyl Acetate	4.715	43	15896	7.542	ug/l	98
38) Carbon Tetrachloride	5.556	117	12856	5.724	ug/l #	15
43) Isopropyl Acetate	6.342	43	72992	22.554	ug/l	99
48) Methyl methacrylate	7.799	41	67835	40.585	ug/l #	45
49) 1,4-Dioxane	7.799	88	29	0.910	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	63811	31.303	ug/l #	48
53) t-1,3-Dichloropropene	8.958	75	527	0.242	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27455	11.767	ug/l #	62
56) Ethyl methacrylate	9.244	69	568	0.251	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3658	1.439	ug/l #	42
59) 2-Hexanone	9.482	43	50459	33.360	ug/l #	51
74) N-amyl acetate	10.640	43	19852	7.324	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	55884	27.746	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	55884	88.287	ug/l #	6

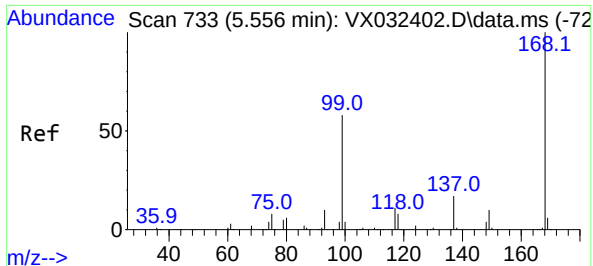
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

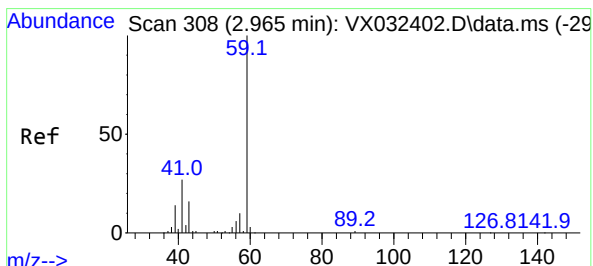
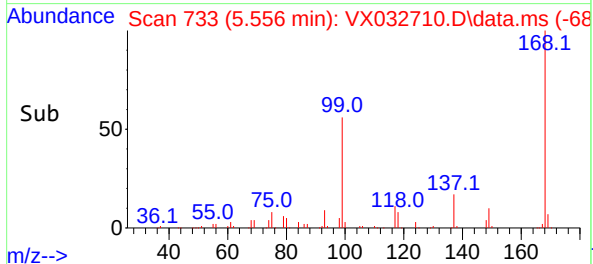
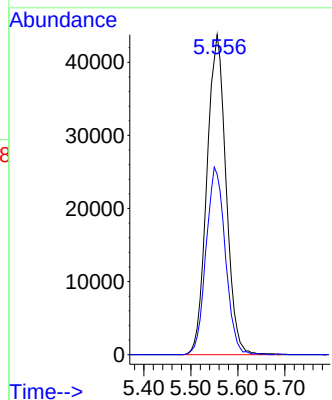
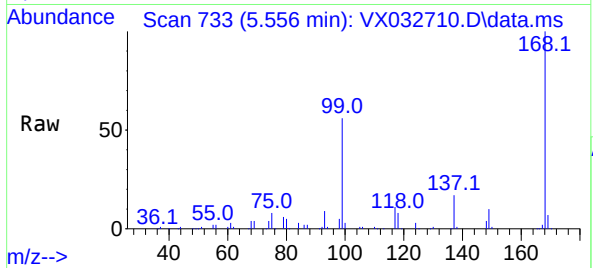




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

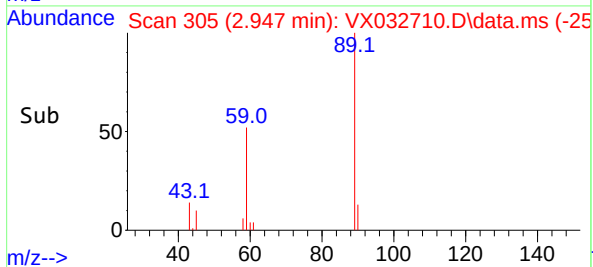
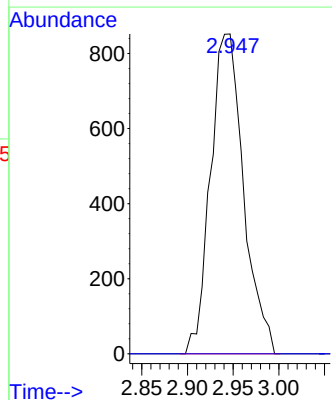
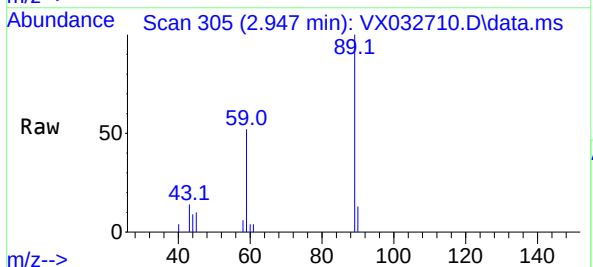
Instrument :
MSVOA_X
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TP-7

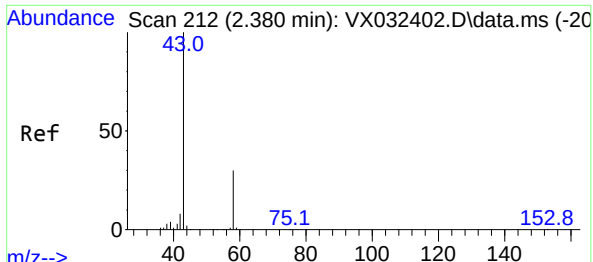
Tgt Ion:168 Resp: 123441
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.580 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Tgt Ion: 59 Resp: 2142
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

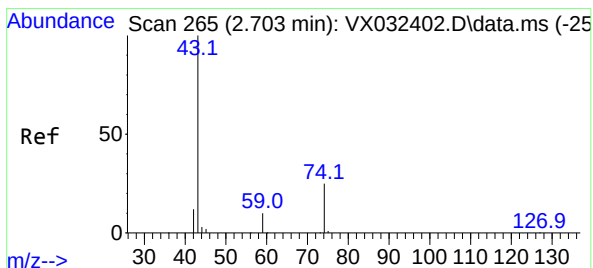
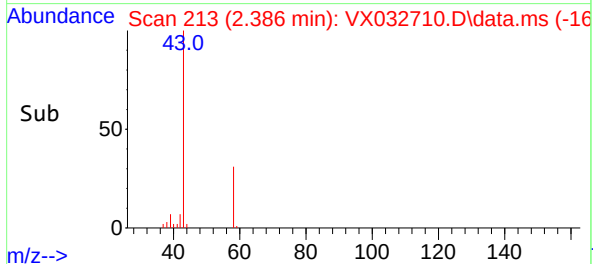
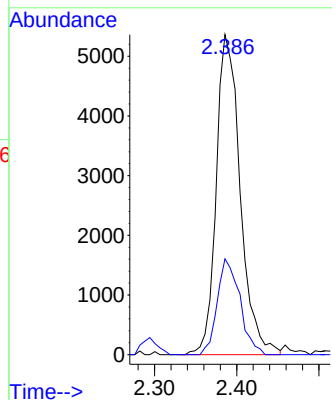
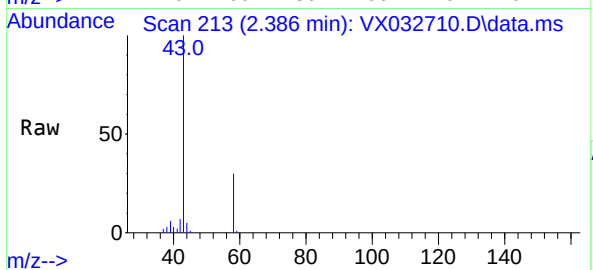




#16
Acetone
Concen: 17.445 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

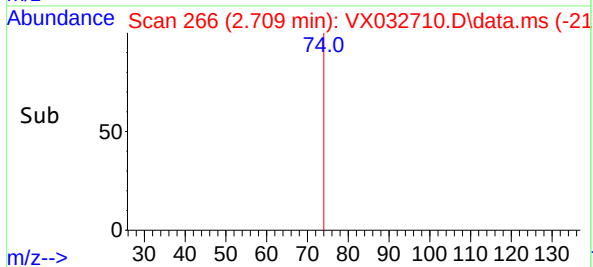
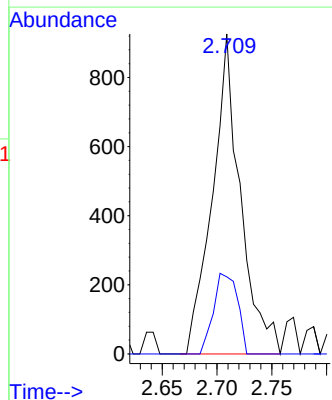
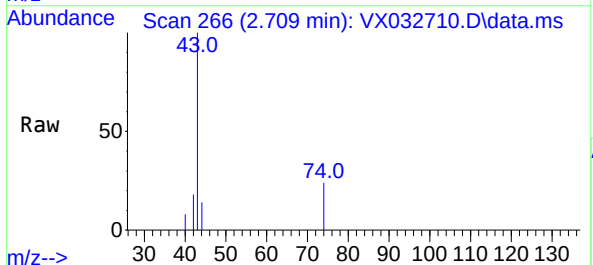
Instrument :
MSVOA_X
ClientSampleId :
TP-7

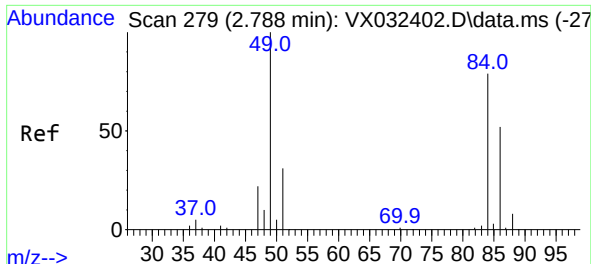
Tgt Ion: 43 Resp: 10875
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8



#18
Methyl Acetate
Concen: 0.813 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.0

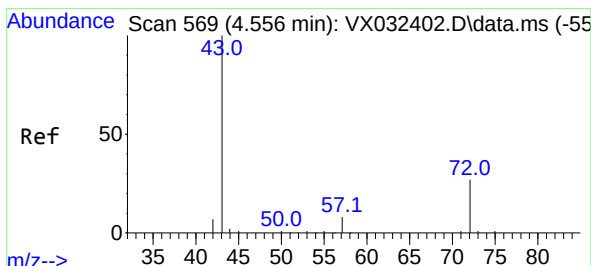
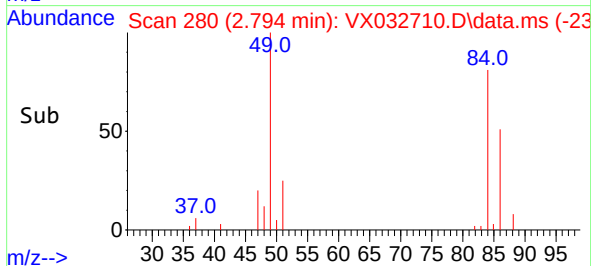
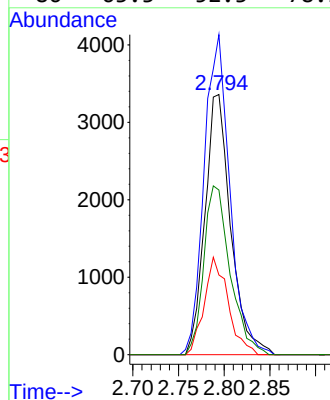
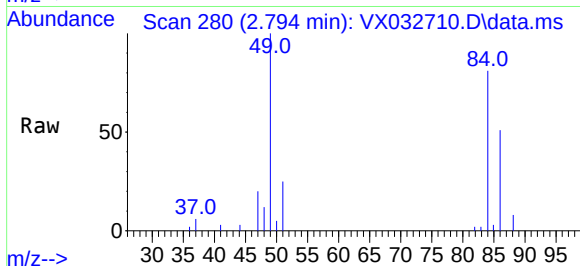




#20
Methylene Chloride
Concen: 4.616 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

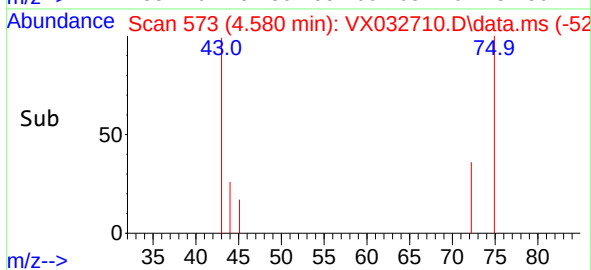
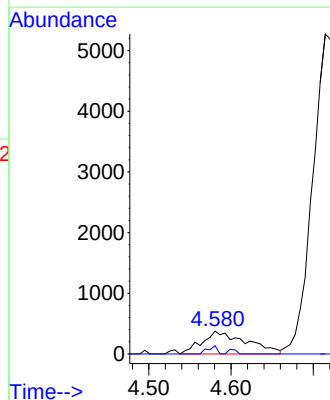
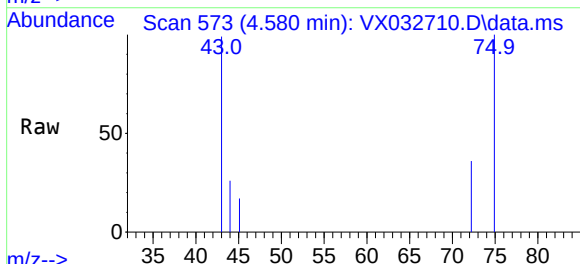
Instrument :
MSVOA_X
ClientSampleId :
TP-7

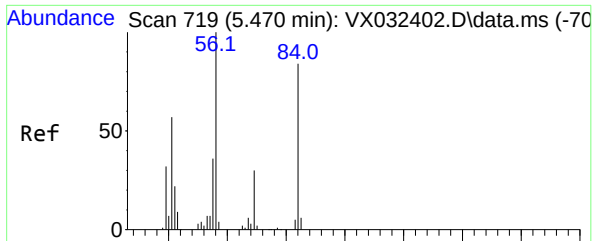
Tgt Ion:	84	Resp:	6598
Ion	Ratio	Lower	Upper
84	100		
49	123.0	101.0	151.6
51	30.6	31.1	46.7#
86	63.3	52.3	78.5



#25
2-Butanone
Concen: 1.455 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

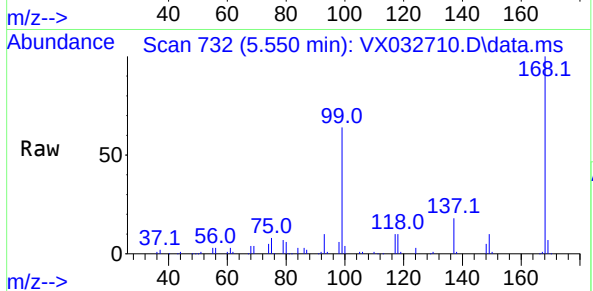
Tgt Ion:	43	Resp:	1405
Ion	Ratio	Lower	Upper
43	100		
72	36.2	22.2	33.2#



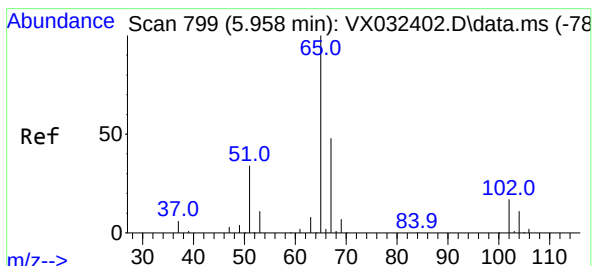
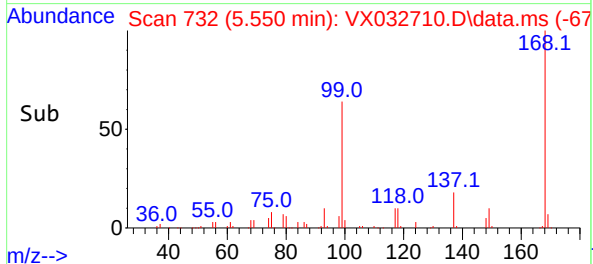
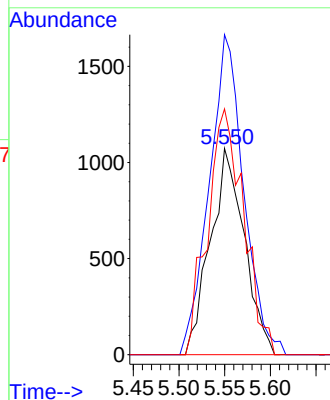


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Instrument :
MSVOA_X
ClientSampleId :
TP-7

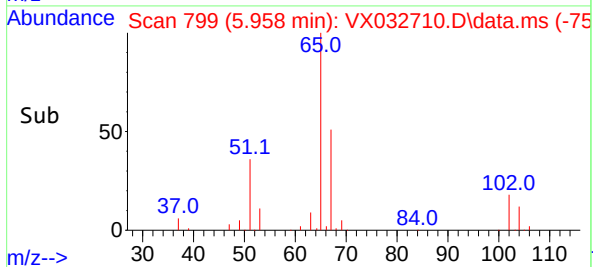
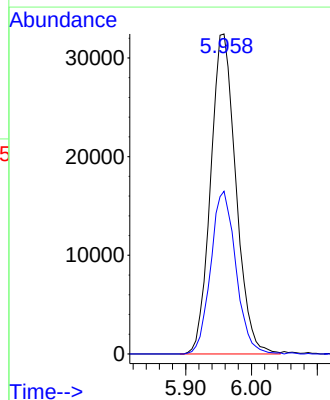
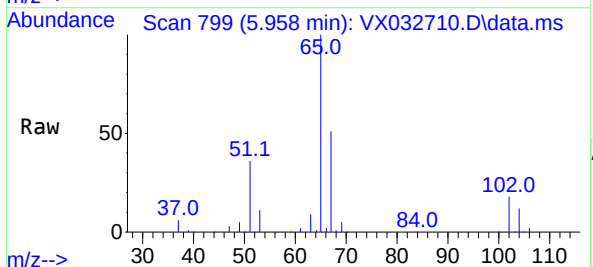


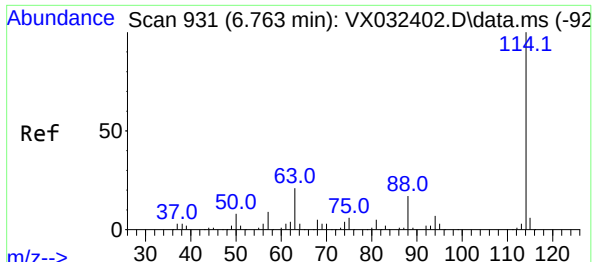
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 155.2 24.1 36.1#
84 119.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.602 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Tgt Ion: 65 Resp: 86792
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

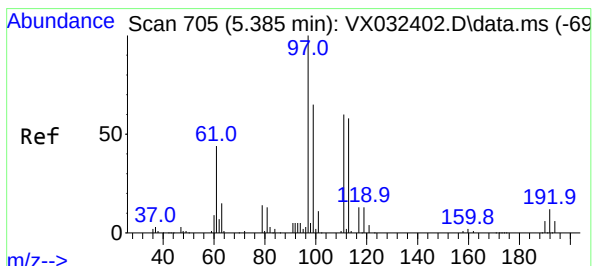
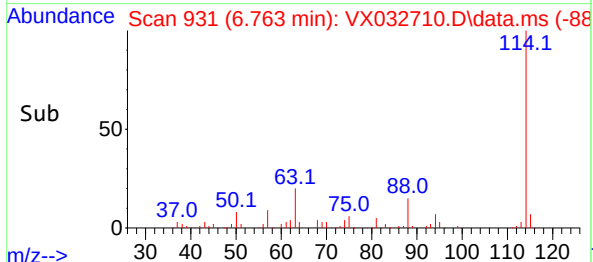
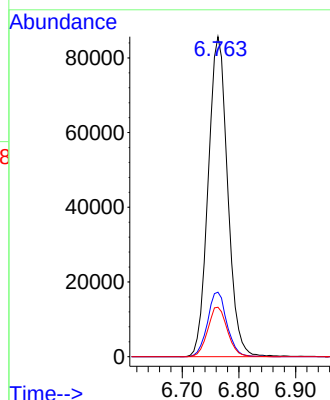
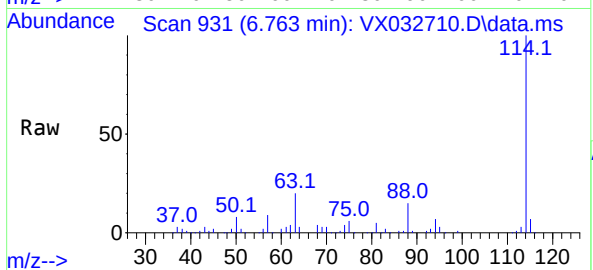




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

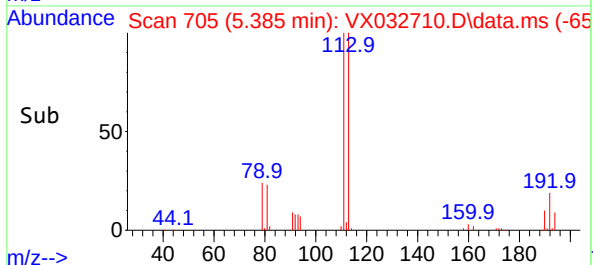
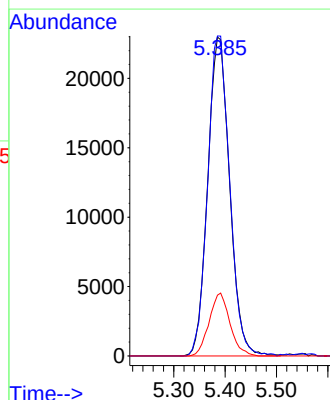
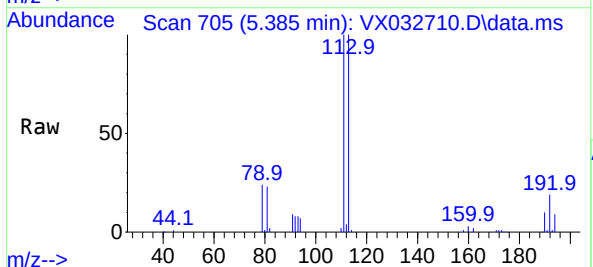
Instrument :
MSVOA_X
ClientSampleId :
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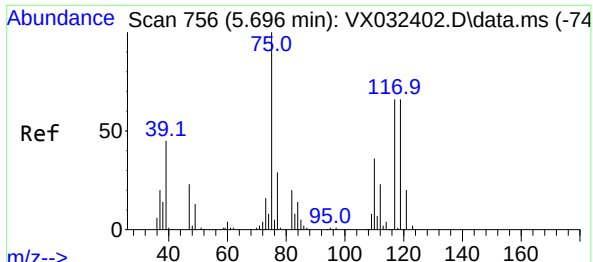
Tgt Ion:114 Resp: 203858
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.766 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Tgt Ion:113 Resp: 68004
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 18.8 15.4 23.2

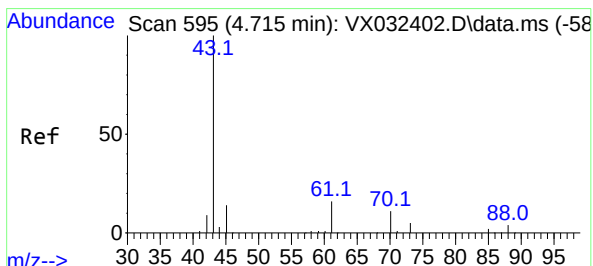
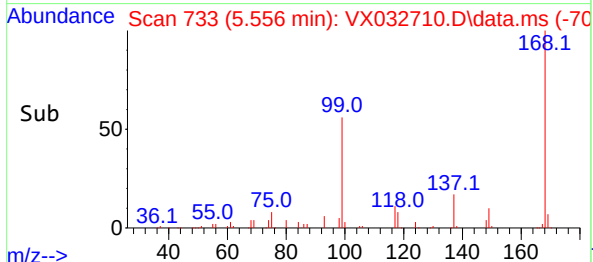
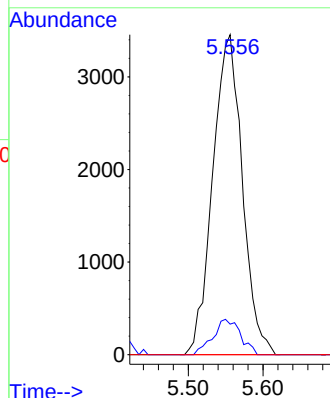
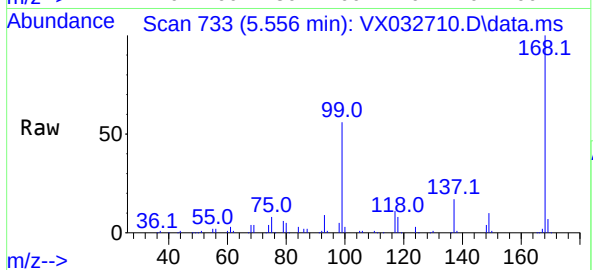




#36
1,1-Dichloropropene
Concen: 4.695 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

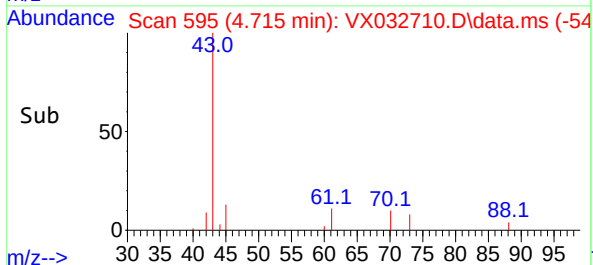
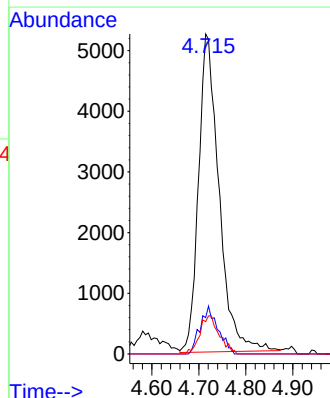
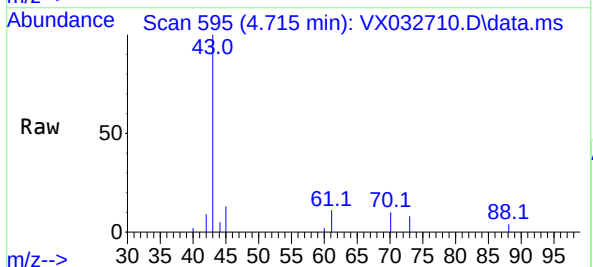
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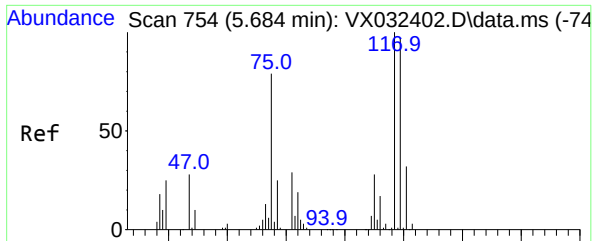
Tgt Ion: 75 Resp: 9507
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 7.542 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

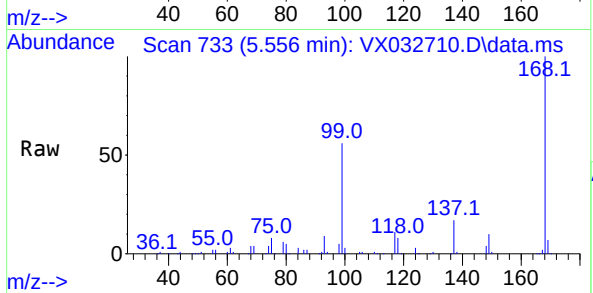
Tgt Ion: 43 Resp: 15896
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 11.3 9.1 13.7



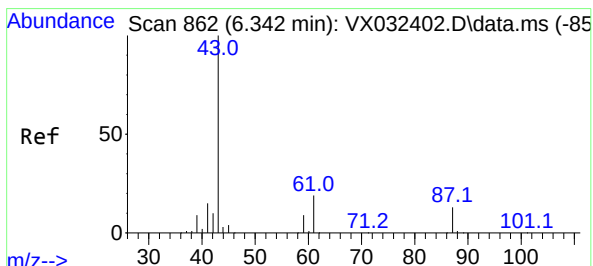
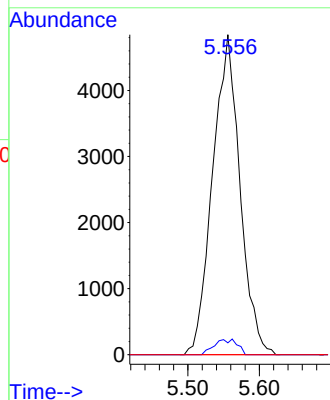
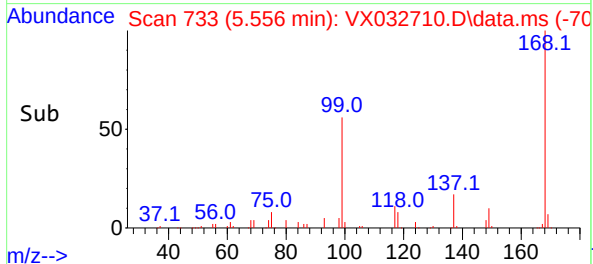


#38
Carbon Tetrachloride
Concen: 5.724 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

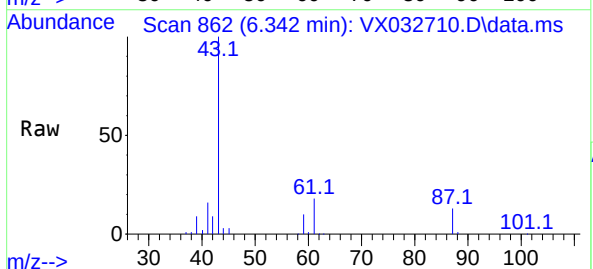
Instrument :
MSVOA_X
ClientSampleId :
TP-7



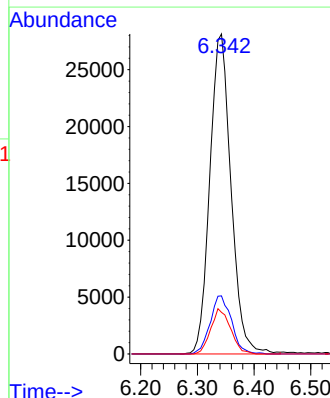
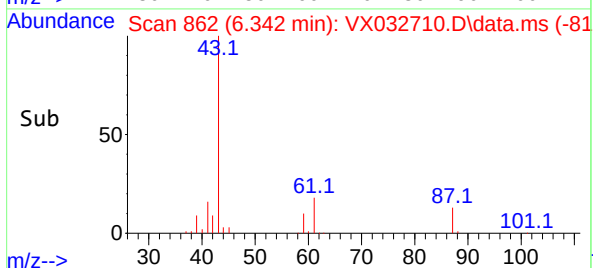
Tgt Ion:117 Resp: 12856
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#

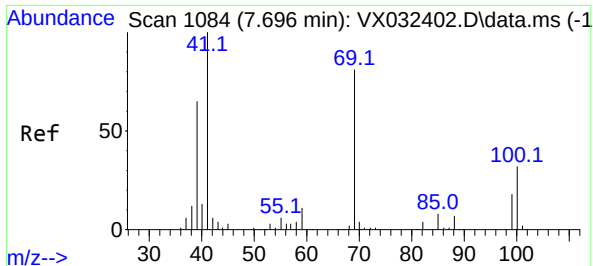


#43
Isopropyl Acetate
Concen: 22.554 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27



Tgt Ion: 43 Resp: 72992
Ion Ratio Lower Upper
43 100
61 18.3 15.4 23.0
87 13.2 10.8 16.2





#48

Methyl methacrylate

Concen: 40.585 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

TP-7

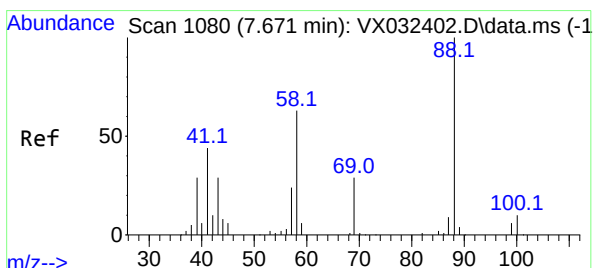
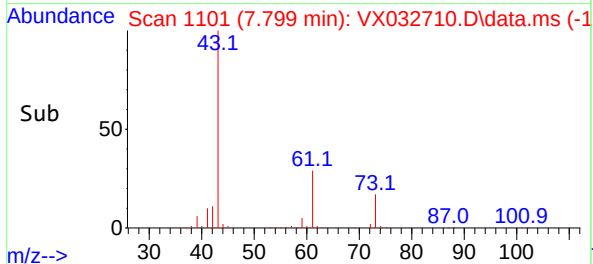
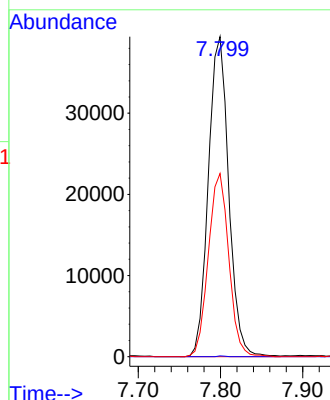
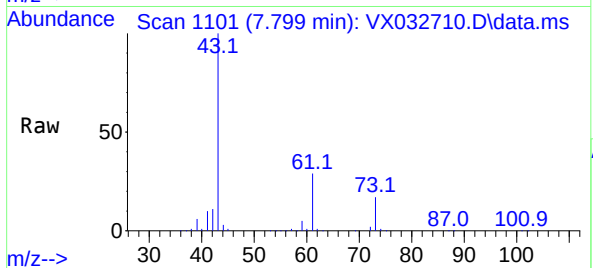
Tgt Ion: 41 Resp: 67835

Ion Ratio Lower Upper

41 100

69 0.1 65.1 97.7#

39 57.6 51.9 77.9



#49

1,4-Dioxane

Concen: 0.910 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

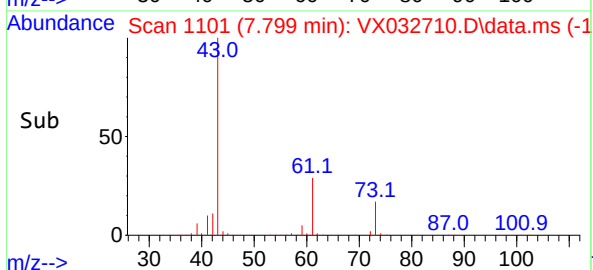
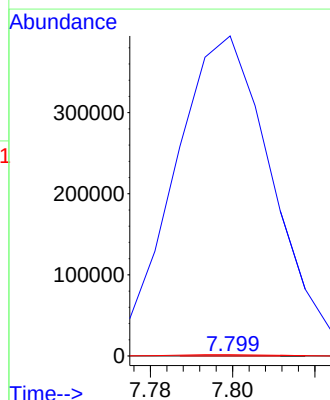
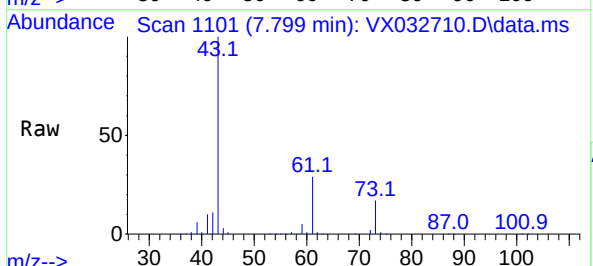
Tgt Ion: 88 Resp: 29

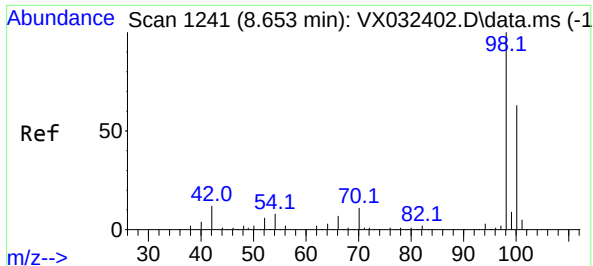
Ion Ratio Lower Upper

88 100

43 2320582.8 26.6 39.8#

58 9375.9 51.7 77.5#

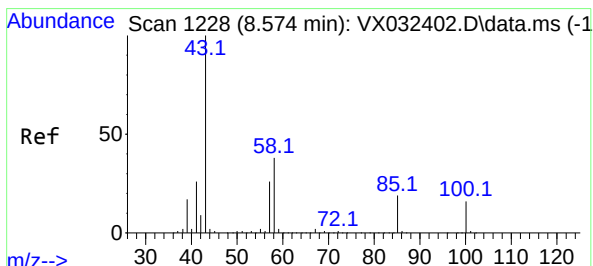
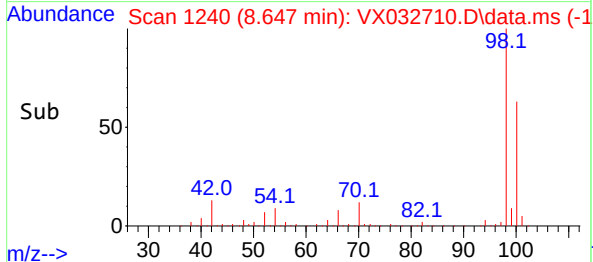
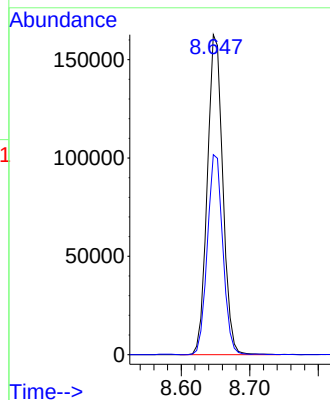
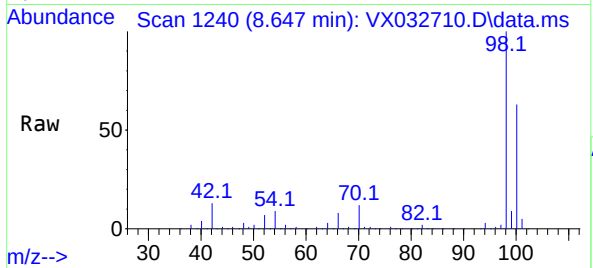




#50
Toluene-d8
Concen: 50.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

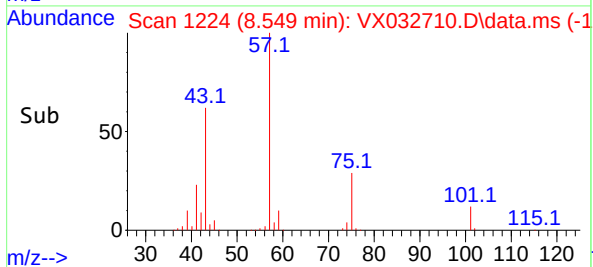
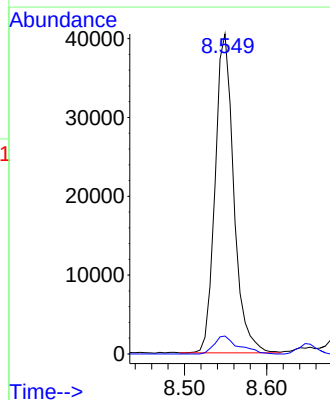
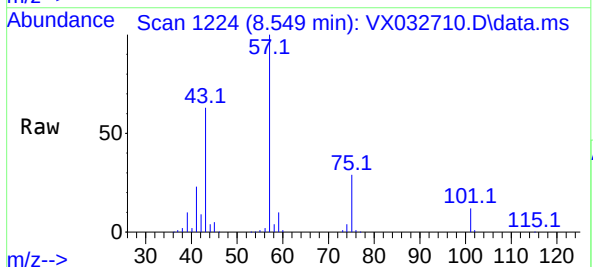
Instrument :
MSVOA_X
ClientSampleId :
TP-7

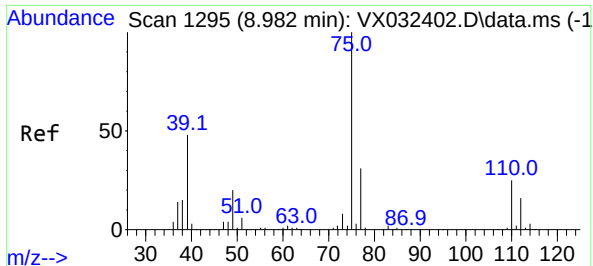
Tgt Ion: 98 Resp: 255703
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 31.303 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Tgt Ion: 43 Resp: 63811
Ion Ratio Lower Upper
43 100
58 7.3 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 0.242 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

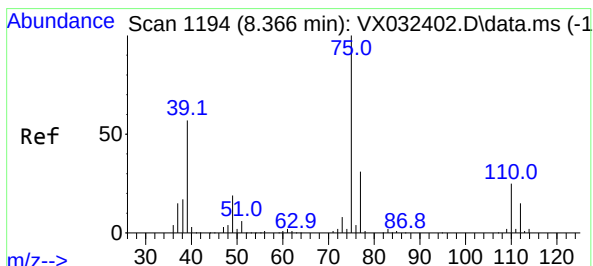
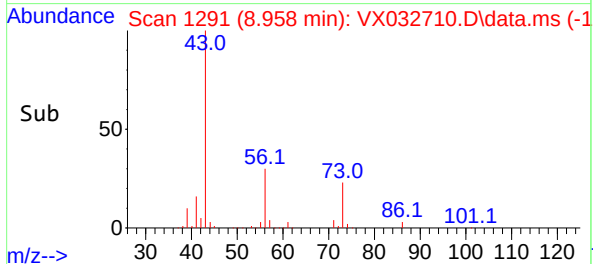
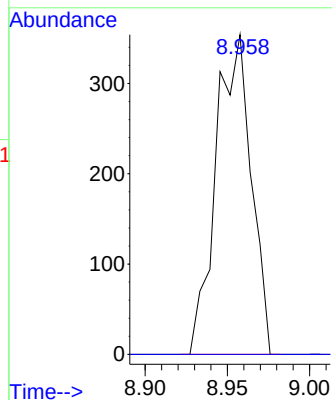
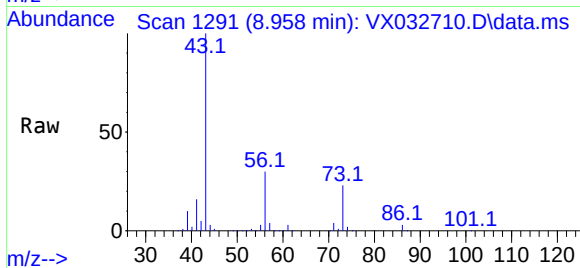
TP-7

Tgt Ion: 75 Resp: 527

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 11.767 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

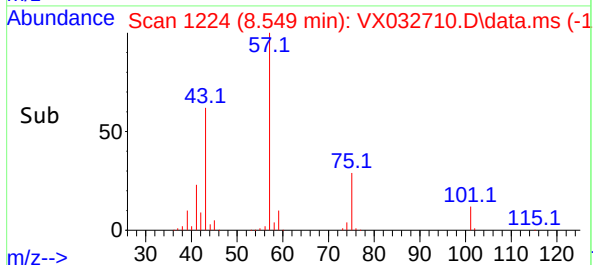
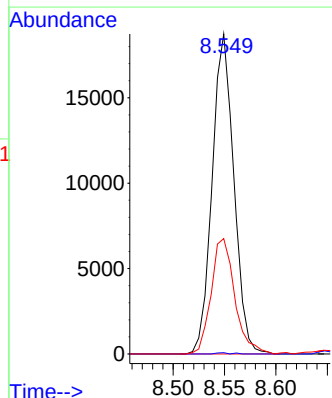
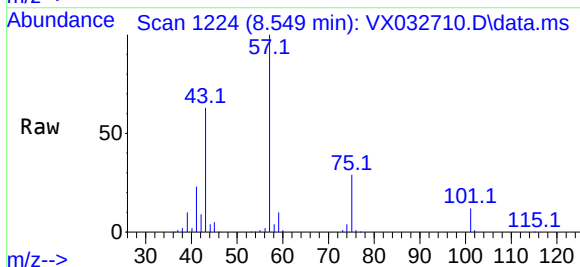
Tgt Ion: 75 Resp: 27455

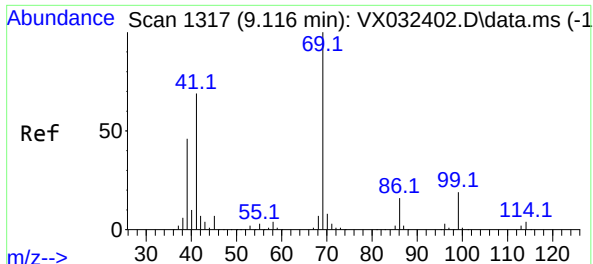
Ion Ratio Lower Upper

75 100

77 0.4 25.1 37.7#

39 36.0 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.251 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

TP-7

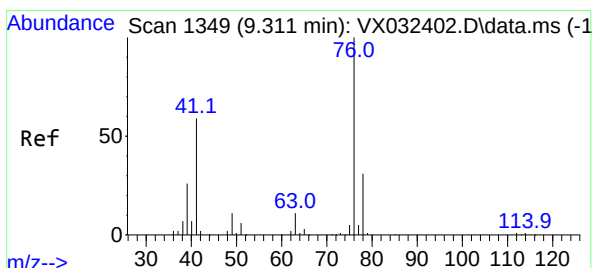
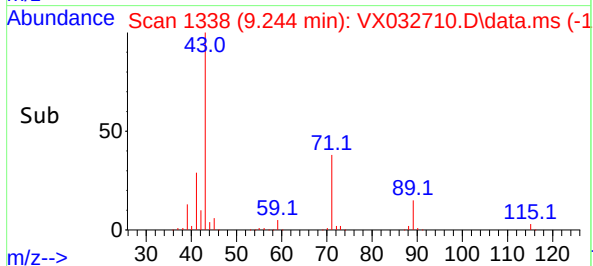
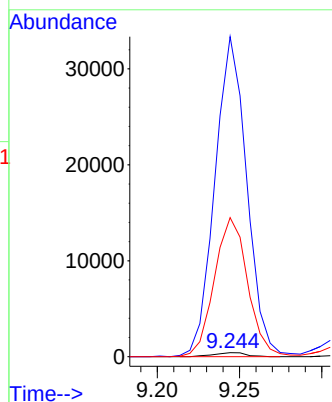
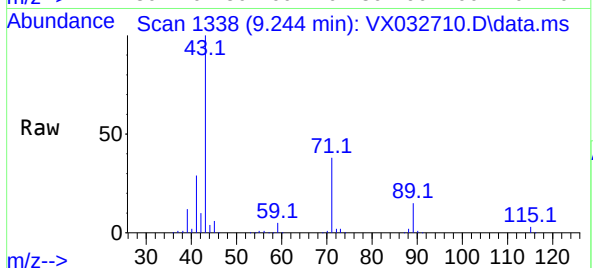
Tgt Ion: 69 Resp: 568

Ion Ratio Lower Upper

69 100

41 7960.2 54.3 81.5#

39 3607.7 35.2 52.8#



#57

1,3-Dichloropropane

Concen: 1.439 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX032710.D

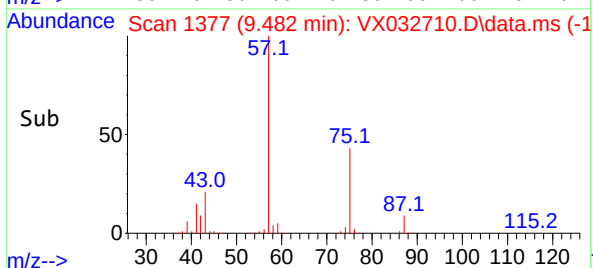
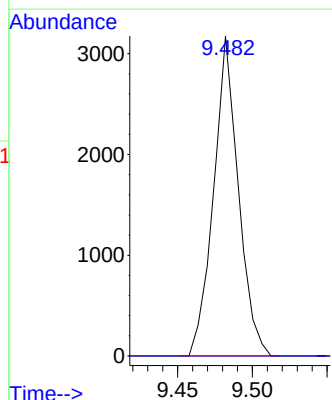
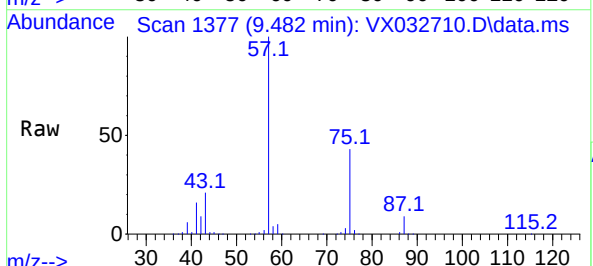
Acq: 10 Nov 2022 06:27

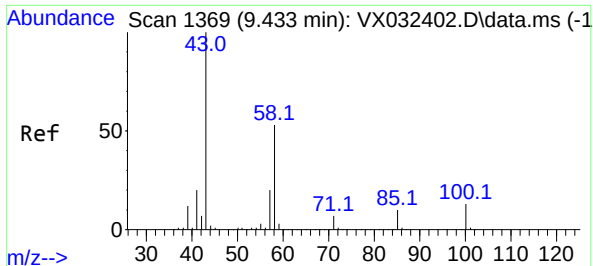
Tgt Ion: 76 Resp: 3658

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 33.360 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

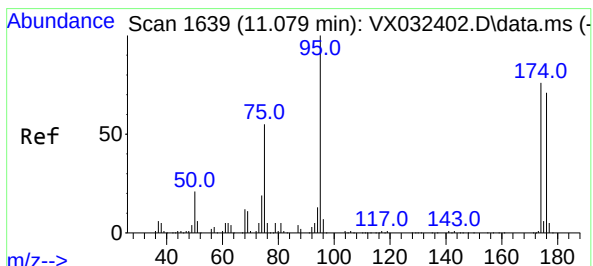
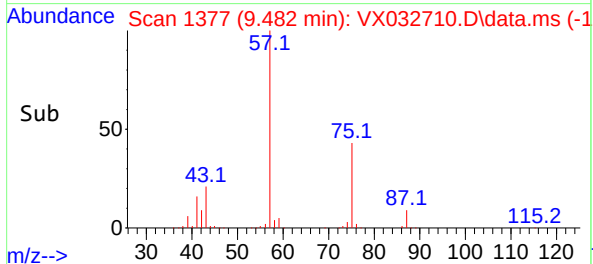
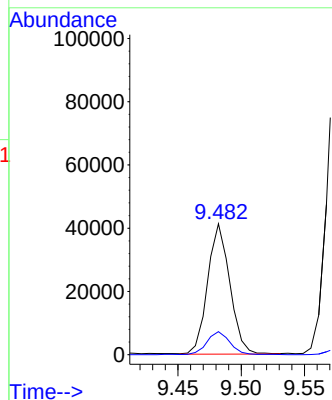
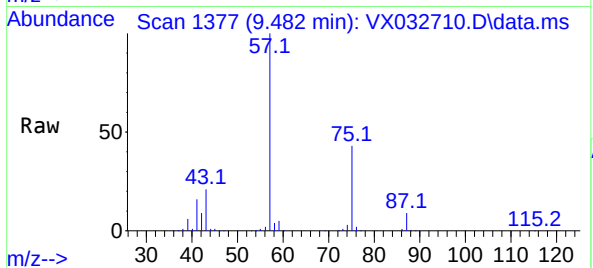
TP-7

Tgt Ion: 43 Resp: 50459

Ion Ratio Lower Upper

43 100

58 18.5 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 51.110 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032710.D

Acq: 10 Nov 2022 06:27

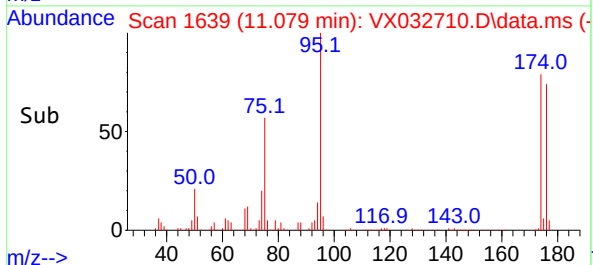
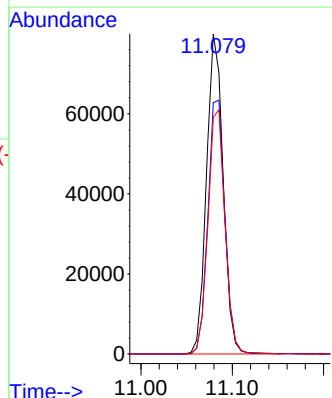
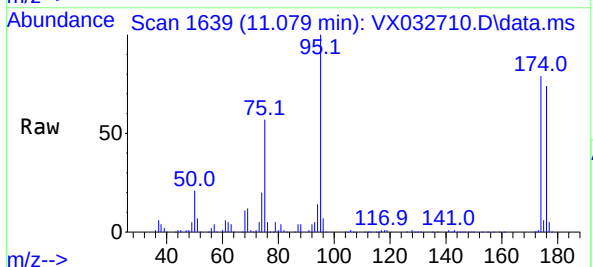
Tgt Ion: 95 Resp: 100949

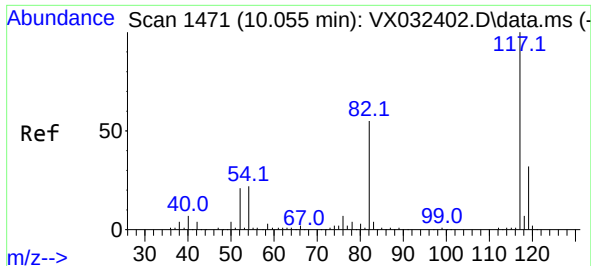
Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.0

176 77.7 0.0 154.4

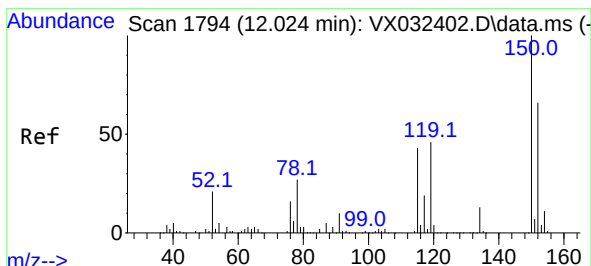
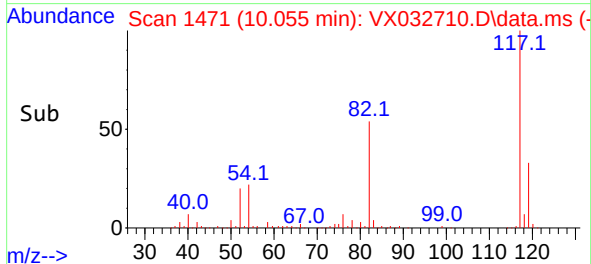
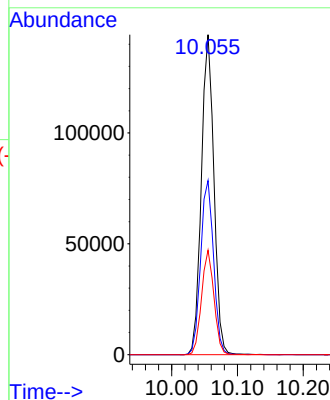
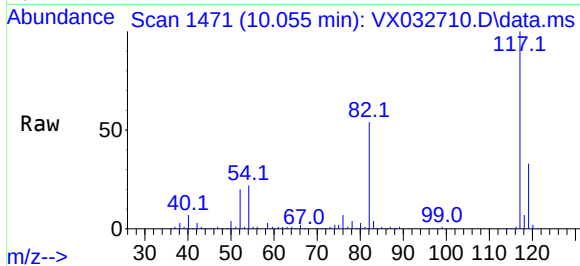




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

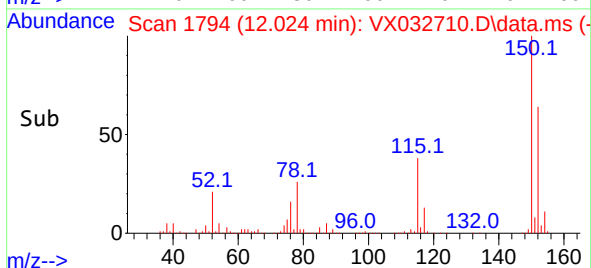
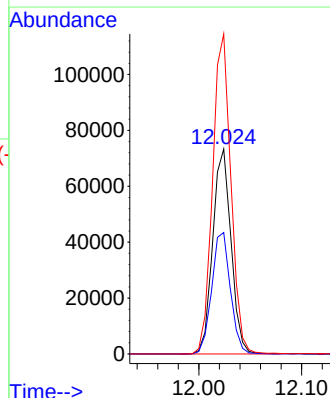
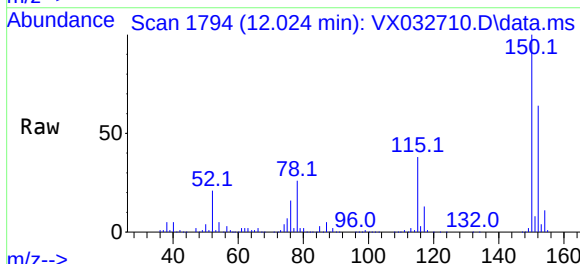
Instrument :
MSVOA_X
ClientSampleId :
TP-7

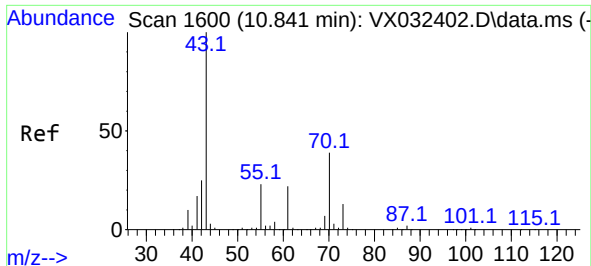
Tgt Ion:117 Resp: 191328
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

Tgt Ion:152 Resp: 90534
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 156.3 0.0 351.8

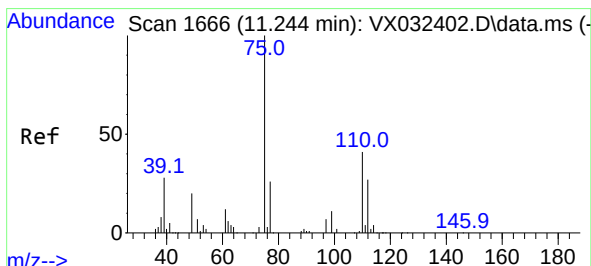
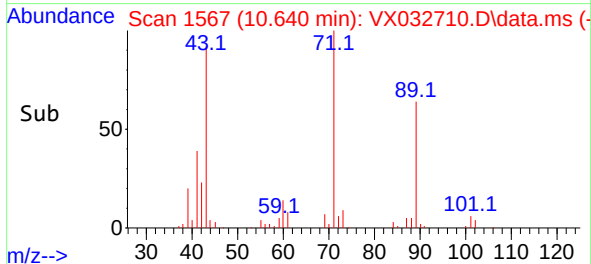
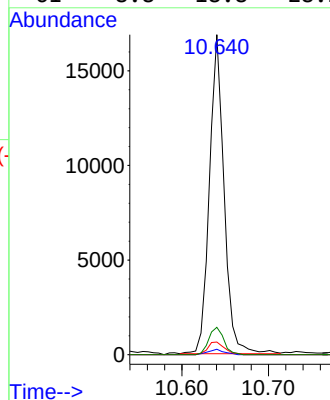
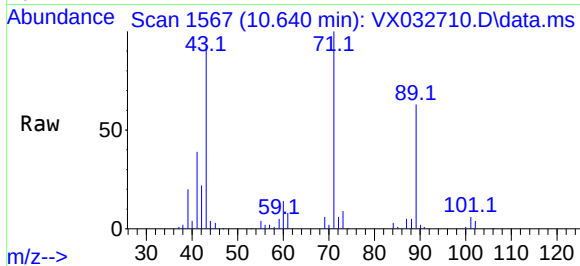




#74
N-amy1 acetate
Concen: 7.324 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

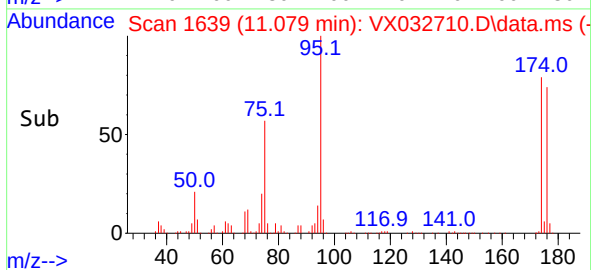
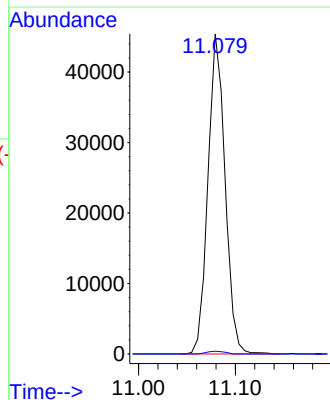
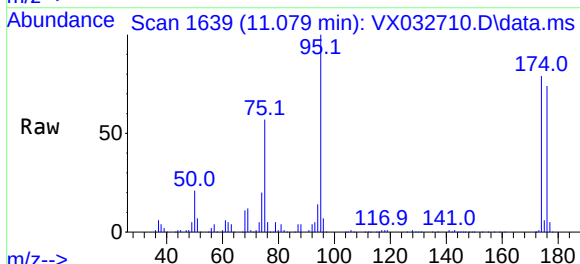
Instrument :
MSVOA_X
ClientSampleId :
TP-7

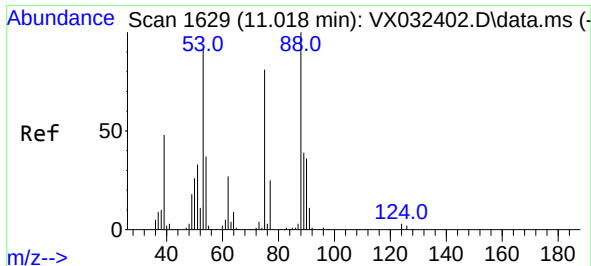
Tgt Ion:	43	Resp:	19852
Ion	Ratio	Lower	Upper
43	100		
70	1.8	33.6	50.4#
55	4.6	19.4	29.2#
61	8.8	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 27.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032710.D
Acq: 10 Nov 2022 06:27

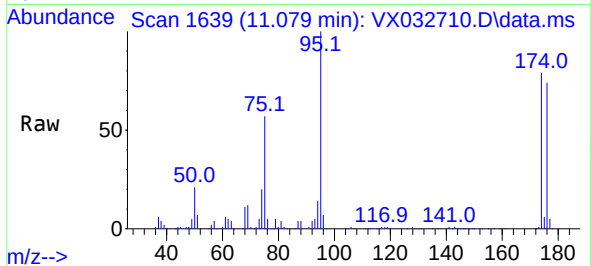
Tgt Ion:	75	Resp:	55884
Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.0	60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.287 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032710.D
 Acq: 10 Nov 2022 06:27

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7



Tgt Ion: 75 Resp: 55884
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

