

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043562.D
 Acq On : 28 Oct 2024 14:04
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 29 03:21:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	151928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	278824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	244289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108837	44.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.860%
35) Dibromofluoromethane	5.379	113	87835	46.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	329541	50.351	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	118652	48.924	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	638	0.307	ug/l	90
5) Bromomethane	1.599	94	513	0.653	ug/l	97
10) Methyl Iodide	2.459	142	895	0.389	ug/l #	93
11) Tert butyl alcohol	2.940	59	5802	12.832	ug/l #	100
12) 1,1-Dichloroethene	2.312	96	497	0.305	ug/l #	76
13) Acrolein	2.233	56	310	0.877	ug/l #	30
14) Allyl chloride	2.654	41	703	0.250	ug/l #	61
15) Acrylonitrile	3.068	53	833	0.816	ug/l #	92
16) Acetone	2.373	43	1497	1.556	ug/l #	79
17) Carbon Disulfide	2.514	76	2553	0.750	ug/l #	94
18) Methyl Acetate	2.703	43	672	0.239	ug/l #	77
20) Methylene Chloride	2.776	84	780	0.376	ug/l #	73
21) trans-1,2-Dichloroethene	3.099	96	926	0.539	ug/l #	61
23) Vinyl Acetate	3.733	43	1024	0.213	ug/l #	71
27) cis-1,2-Dichloroethene	4.501	96	531	0.242	ug/l	90
38) Carbon Tetrachloride	5.544	117	16286	6.574	ug/l #	16
40) Benzene	6.037	78	1559	0.208	ug/l	96
42) 1,2-Dichloroethane	6.080	62	675	0.251	ug/l #	74
44) Trichloroethene	7.129	130	689	0.371	ug/l	79
46) Dibromomethane	7.586	93	412	0.291	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	893	0.326	ug/l	92
52) Toluene	8.720	92	1264	0.279	ug/l	84
53) t-1,3-Dichloropropene	8.994	75	910	0.341	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	652	0.229	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.269	63	849	0.571	ug/l #	68
59) 2-Hexanone	9.451	43	889	0.427	ug/l	83
61) 1,2-Dibromoethane	9.622	107	651	0.332	ug/l	85
64) Tetrachloroethene	9.268	164	623	0.405	ug/l #	73
65) Chlorobenzene	10.079	112	2124	0.404	ug/l #	79
67) Ethyl Benzene	10.189	91	2436	0.284	ug/l	100
68) m/p-Xylenes	10.305	106	1981	0.604	ug/l	97
69) o-Xylene	10.640	106	1045	0.317	ug/l	88
70) Styrene	10.659	104	1851	0.338	ug/l	96
71) Bromoform	10.805	173	318	0.258	ug/l #	30
73) Isopropylbenzene	10.963	105	1760	0.223	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	60932	25.560	ug/l #	33

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

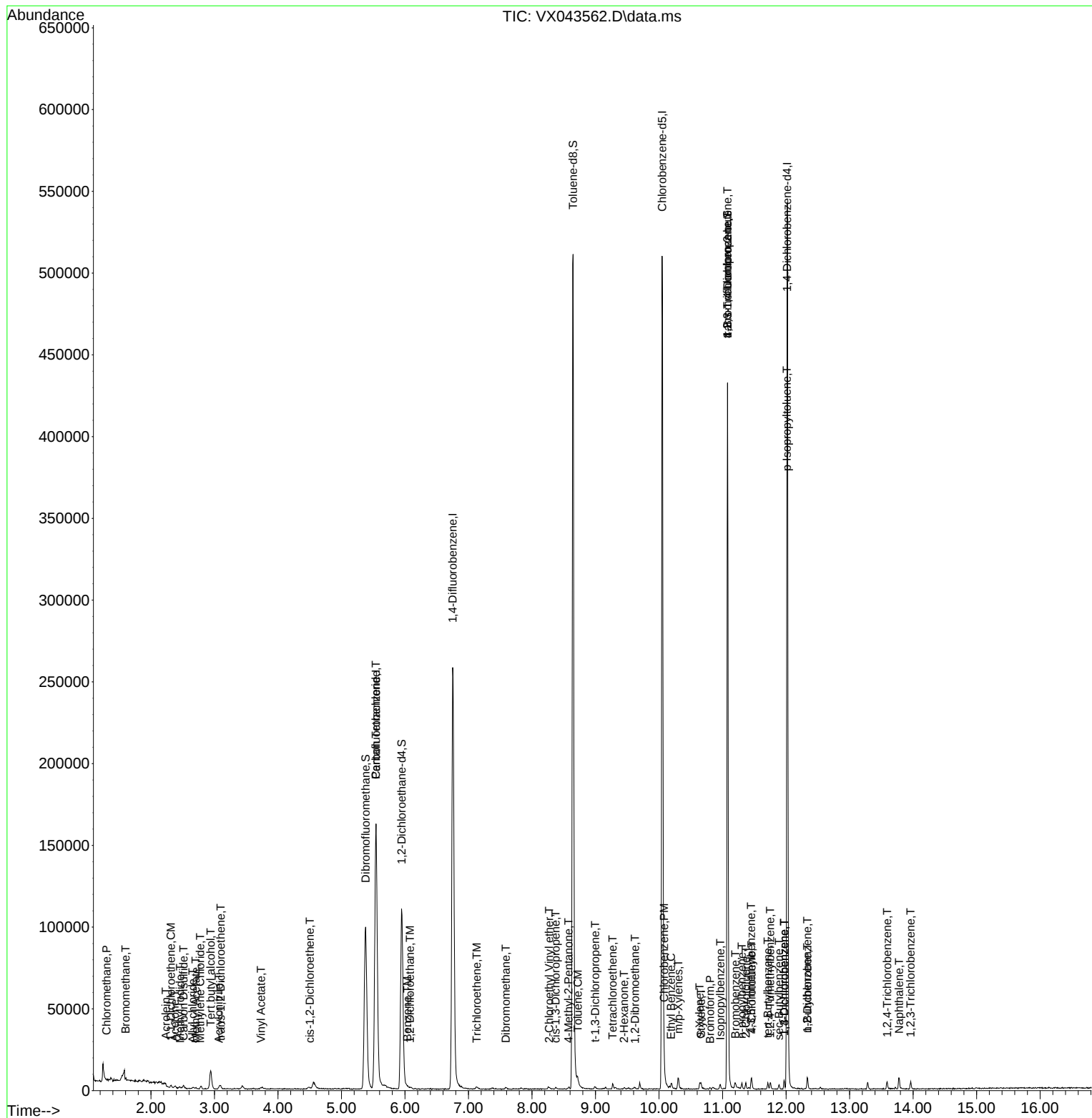
77) Bromobenzene	11.201	156	658	0.323	ug/l	56
78) n-propylbenzene	11.305	91	2655	0.308	ug/l	99
79) 2-Chlorotoluene	11.366	91	2198	0.385	ug/l	85
80) 1,3,5-Trimethylbenzene	11.451	105	1878	0.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	60932	70.316	ug/l #	7
82) 4-Chlorotoluene	11.457	91	2670	0.417	ug/l	96
83) tert-Butylbenzene	11.713	119	1508	0.225	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1855	0.276	ug/l	69
85) sec-Butylbenzene	11.890	105	1820	0.232	ug/l	91
86) p-Isopropyltoluene	12.012	119	1673	0.251	ug/l #	68
87) 1,3-Dichlorobenzene	11.969	146	1828	0.500	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	1828	0.483	ug/l	94
89) n-Butylbenzene	12.335	91	1572	0.289	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	1498	0.401	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	1120	0.494	ug/l	74
95) Naphthalene	13.780	128	5803	0.668	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1239	0.518	ug/l	88

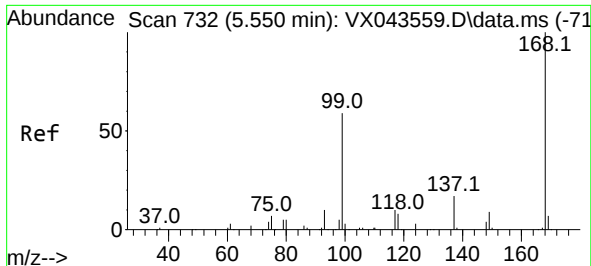
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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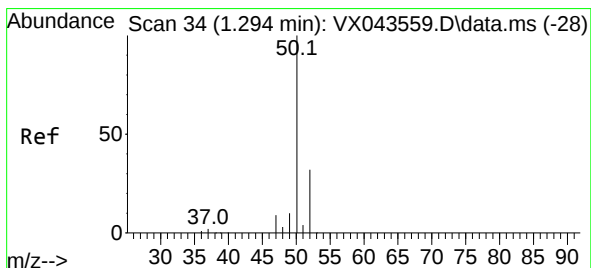
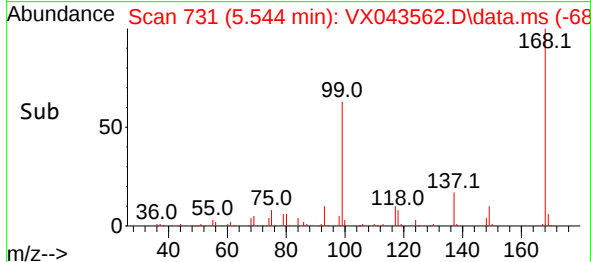
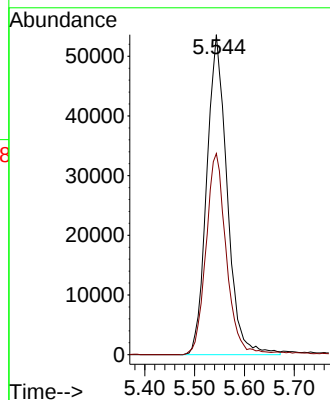
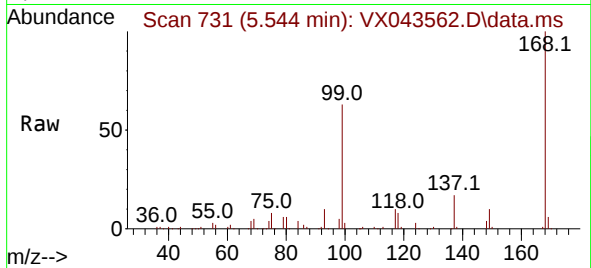




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

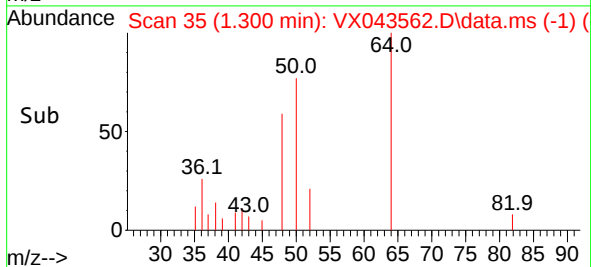
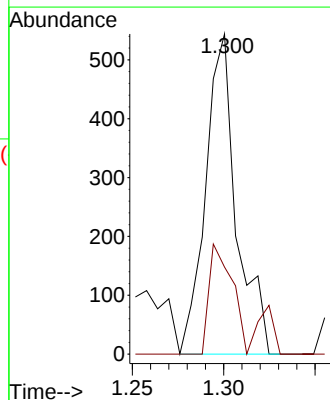
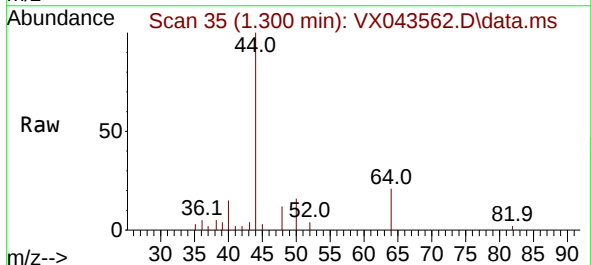
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

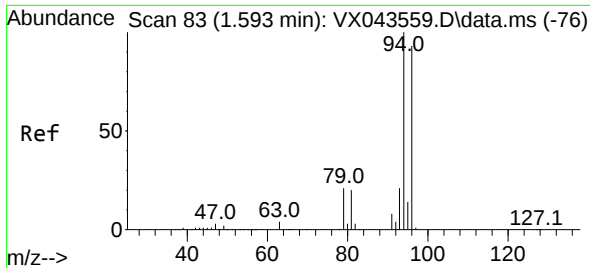
Tgt Ion:168 Resp: 151928
Ion Ratio Lower Upper
168 100
99 62.9 52.6 78.8



#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 27.2 26.3 39.5

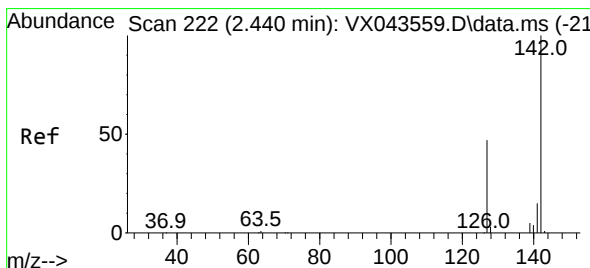
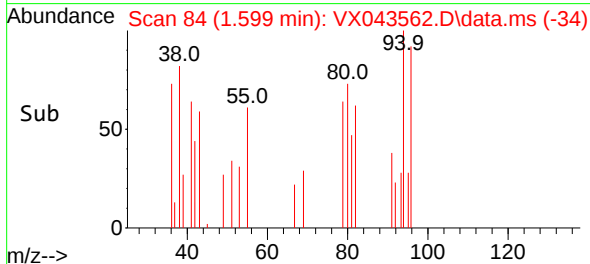
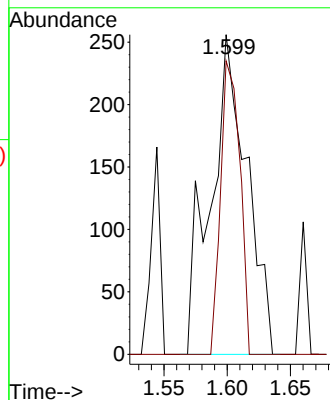
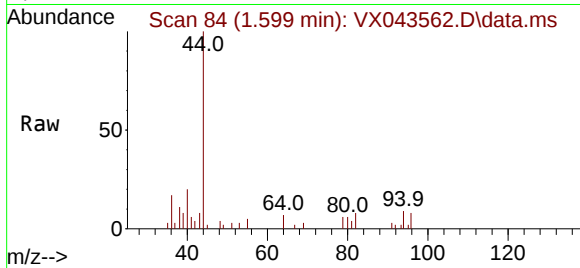




#5
Bromomethane
Concen: 0.653 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

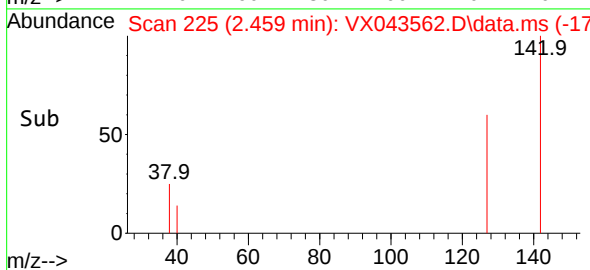
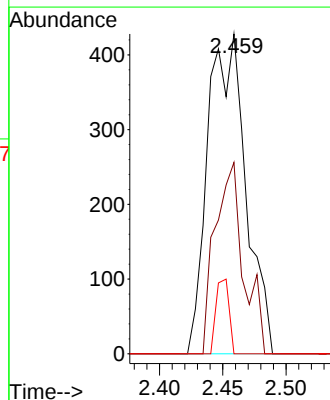
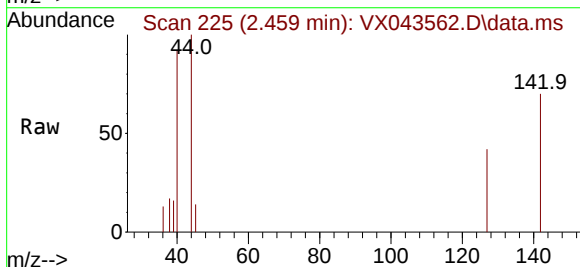
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

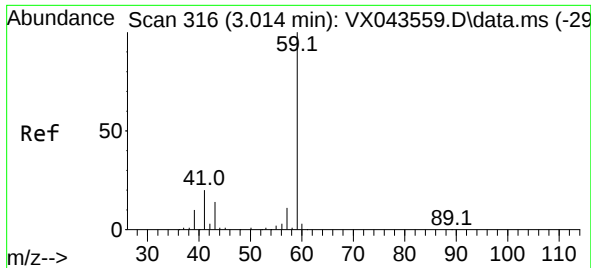
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 91.8 75.9 113.9



#10
Methyl Iodide
Concen: 0.389 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.018 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion: 142 Resp: 895
Ion Ratio Lower Upper
142 100
127 44.6 38.2 57.4
141 7.9 11.5 17.3#





#11

Tert butyl alcohol

Concen: 12.832 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.110 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

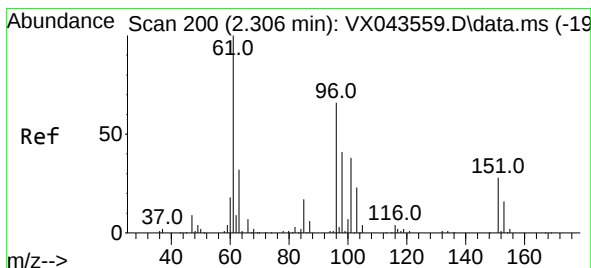
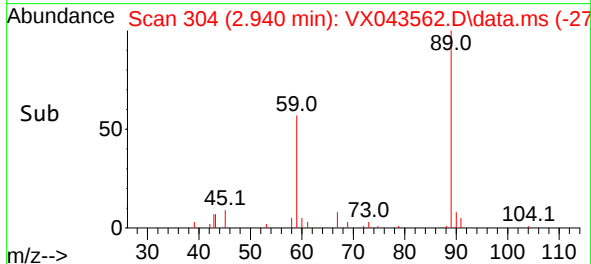
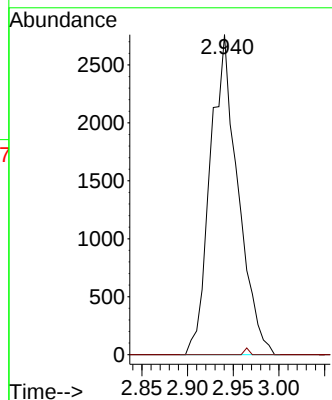
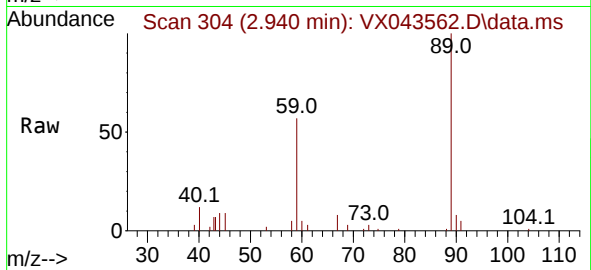
VIBLK

Tgt Ion: 59 Resp: 5802

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 0.305 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.012 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

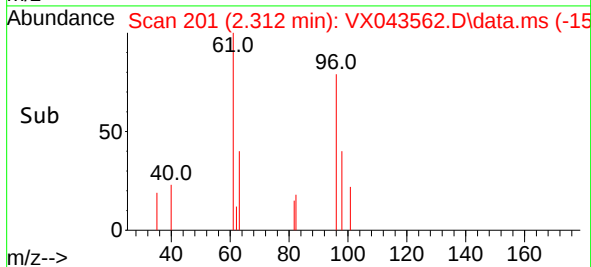
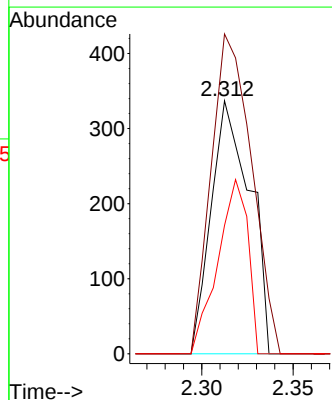
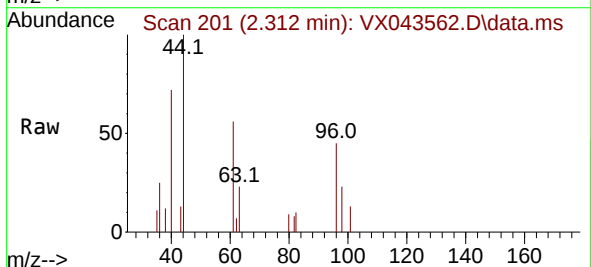
Tgt Ion: 96 Resp: 497

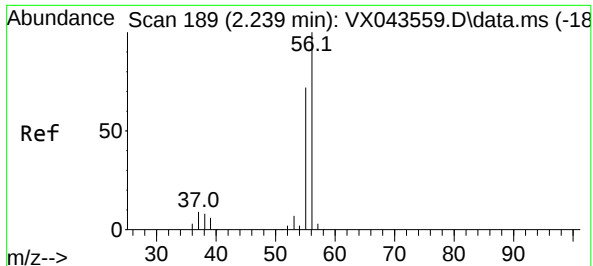
Ion Ratio Lower Upper

96 100

61 126.4 130.2 195.4#

98 50.7 51.0 76.6#





#13

Acrolein

Concen: 0.877 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

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ClientSampleId :

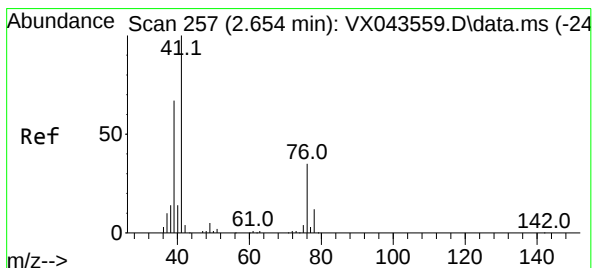
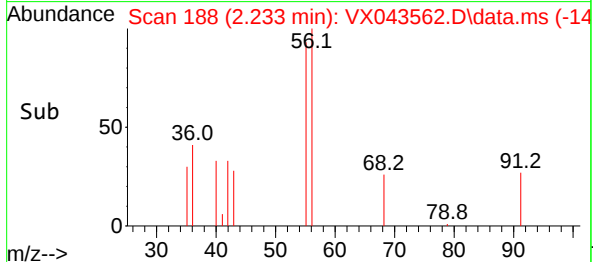
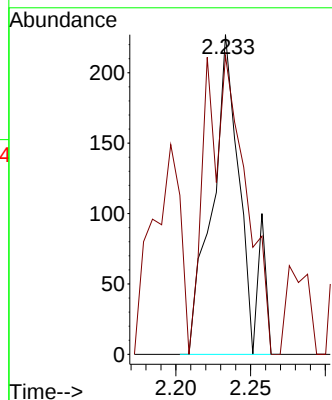
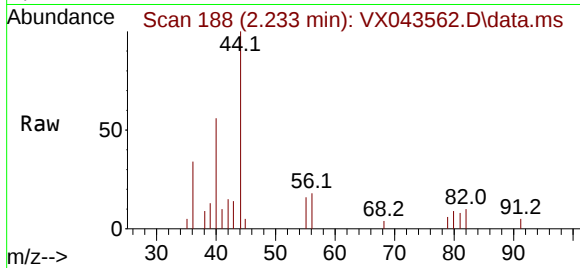
VIBLK

Tgt Ion: 56 Resp: 310

Ion Ratio Lower Upper

56 100

55 126.5 55.3 82.9#



#14

Allyl chloride

Concen: 0.250 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

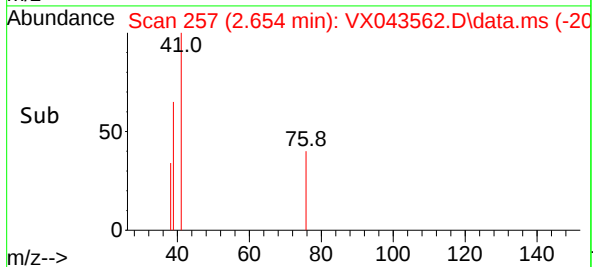
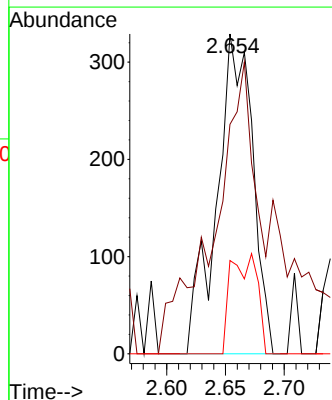
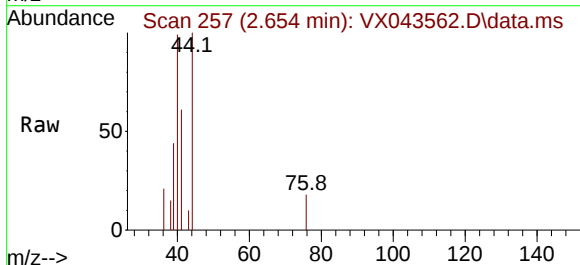
Tgt Ion: 41 Resp: 703

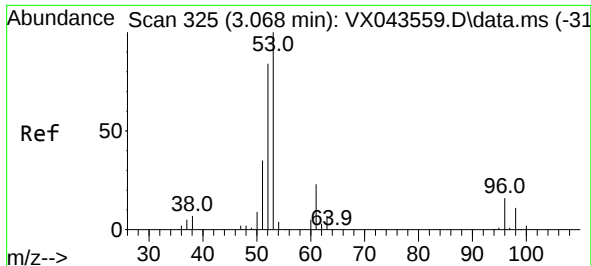
Ion Ratio Lower Upper

41 100

39 106.1 53.2 79.8#

76 22.9 27.0 40.6#





#15

Acrylonitrile

Concen: 0.816 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.006 min

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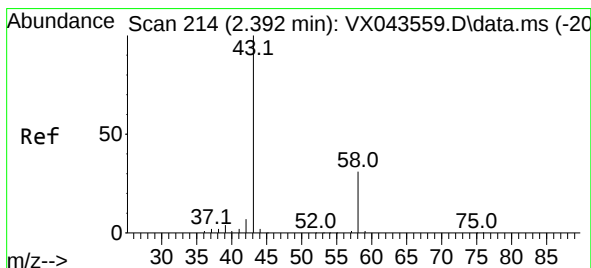
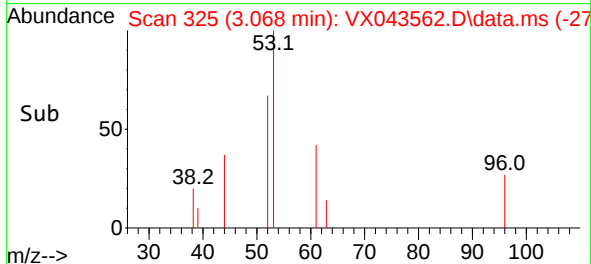
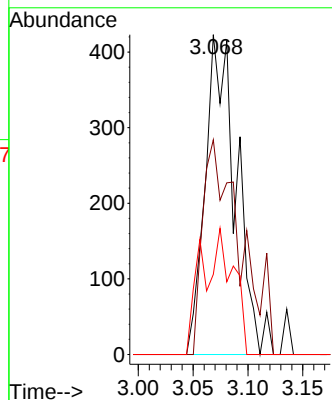
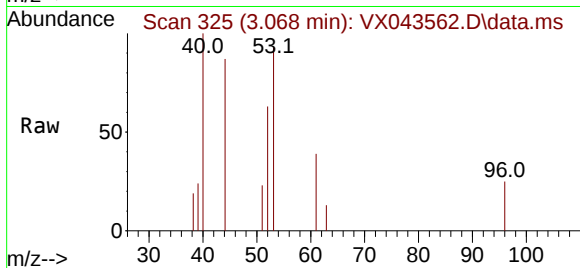
Tgt Ion: 53 Resp: 833

Ion Ratio Lower Upper

53 100

52 81.3 65.8 98.6

51 21.2 28.5 42.7#



#16

Acetone

Concen: 1.556 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.024 min

Lab File: VX043562.D

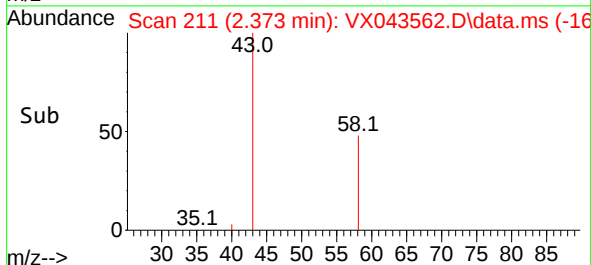
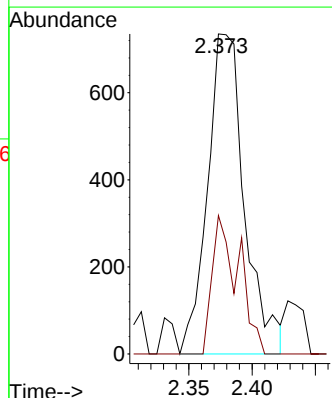
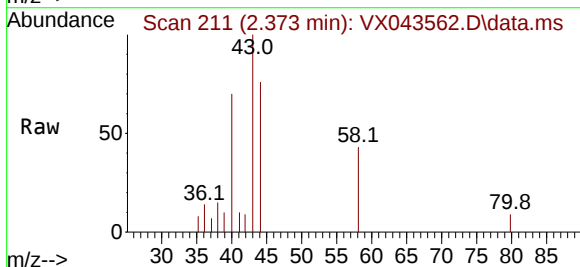
Acq: 28 Oct 2024 14:04

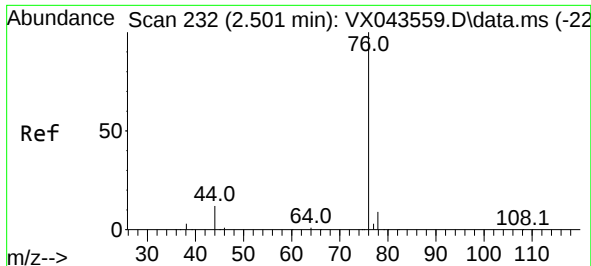
Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

58 43.3 25.1 37.7#





#17

Carbon Disulfide

Concen: 0.750 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX043562.D

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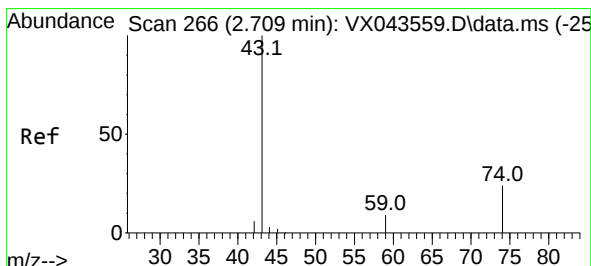
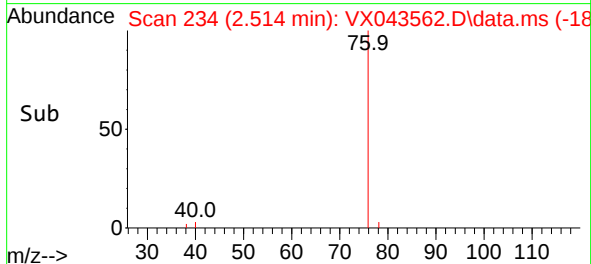
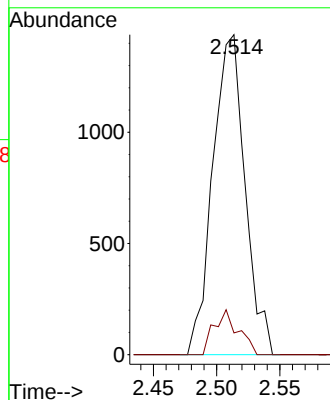
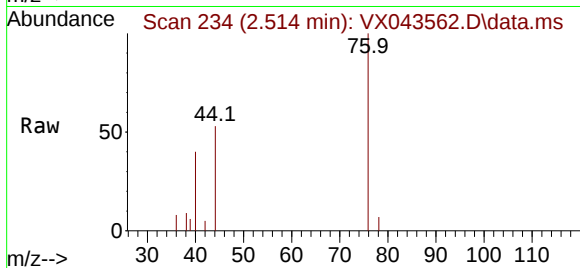
VIBLK

Tgt Ion: 76 Resp: 2553

Ion Ratio Lower Upper

76 100

78 6.8 7.1 10.7#



#18

Methyl Acetate

Concen: 0.239 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX043562.D

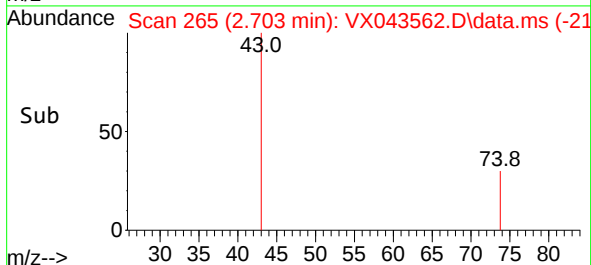
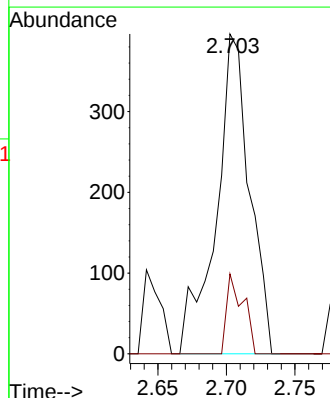
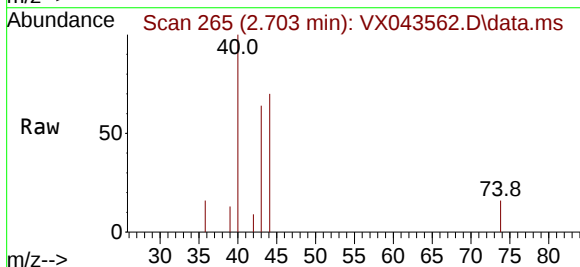
Acq: 28 Oct 2024 14:04

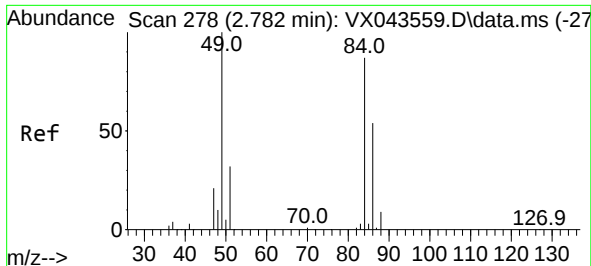
Tgt Ion: 43 Resp: 672

Ion Ratio Lower Upper

43 100

74 12.4 19.1 28.7#

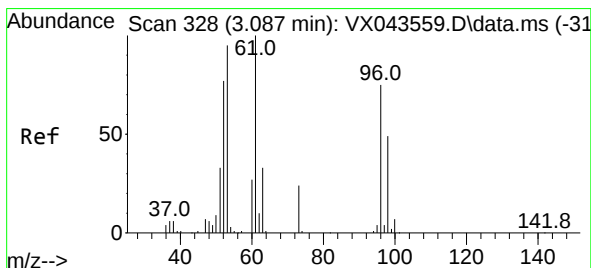
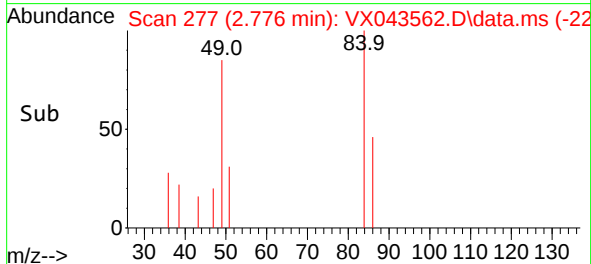
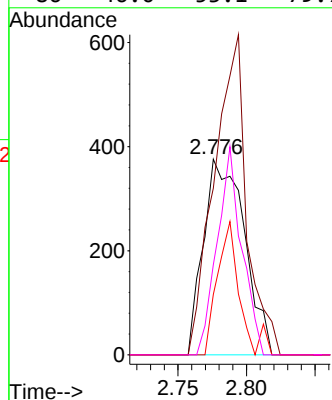
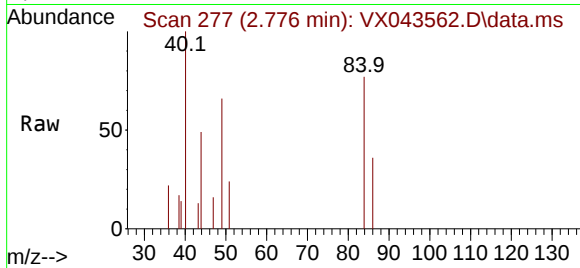




#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

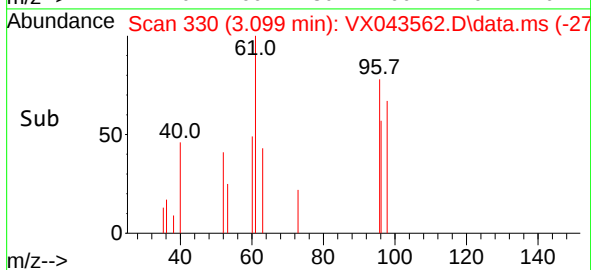
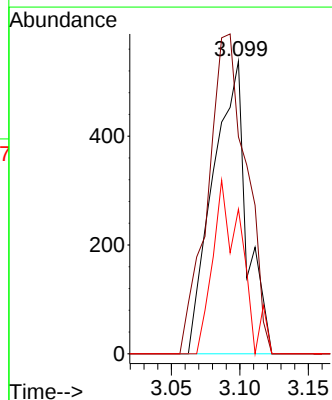
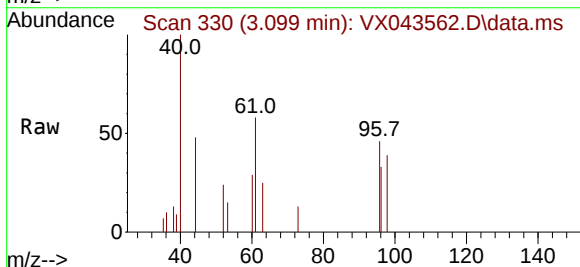
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

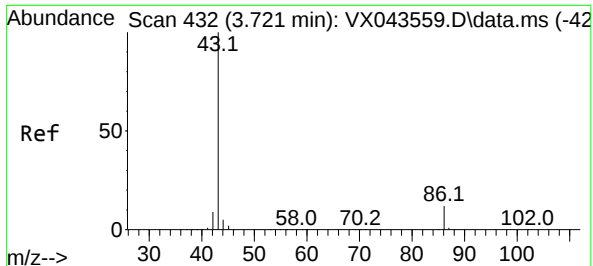
Tgt Ion:	84	Resp:	780
Ion	Ratio	Lower	Upper
84	100		
49	85.1	97.0	145.6#
51	30.9	29.8	44.8
86	46.0	53.1	79.7#



#21
trans-1,2-Dichloroethene
Concen: 0.539 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.018 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion:	96	Resp:	926
Ion	Ratio	Lower	Upper
96	100		
61	74.2	107.1	160.7#
98	49.4	47.7	71.5

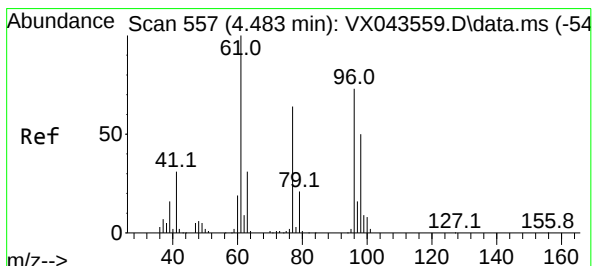
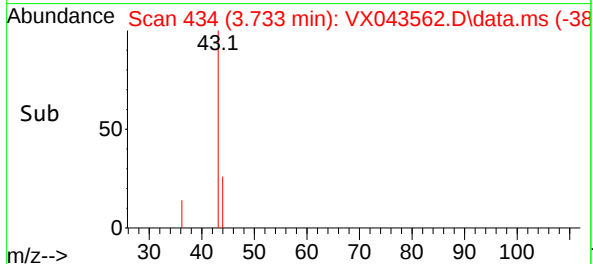
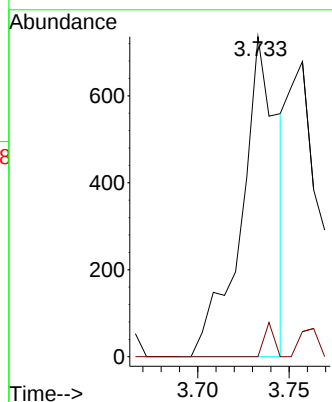
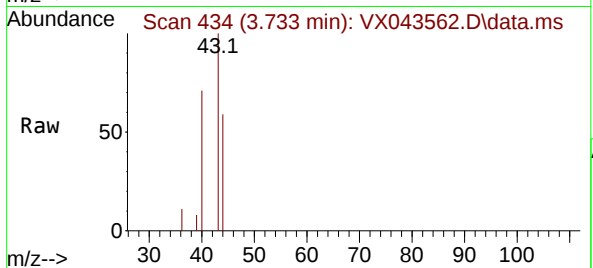




#23
 Vinyl Acetate
 Concen: 0.213 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

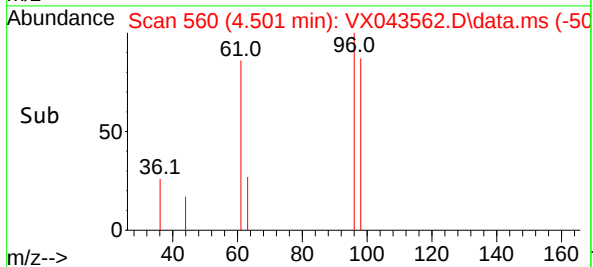
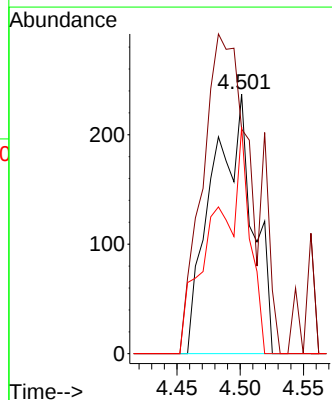
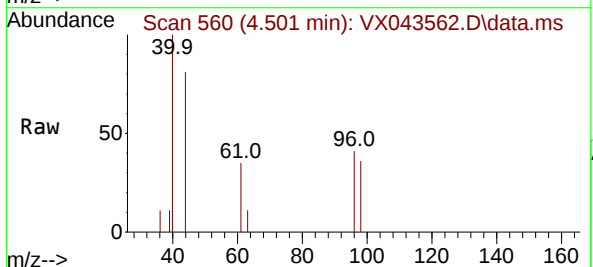
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

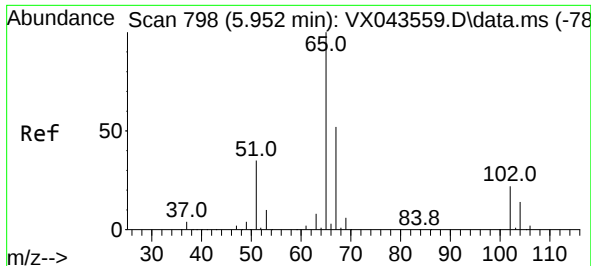
Tgt Ion: 43 Resp: 1024
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.4#



#27
 cis-1,2-Dichloroethene
 Concen: 0.242 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.018 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

Tgt Ion: 96 Resp: 531
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 277.2
 98 74.6 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 44.927 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

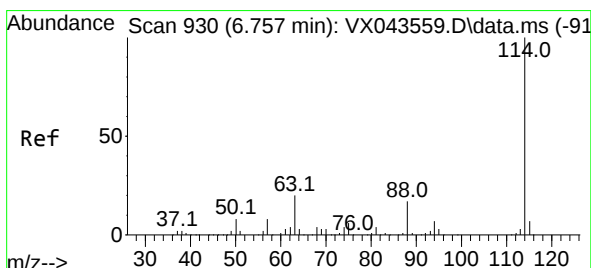
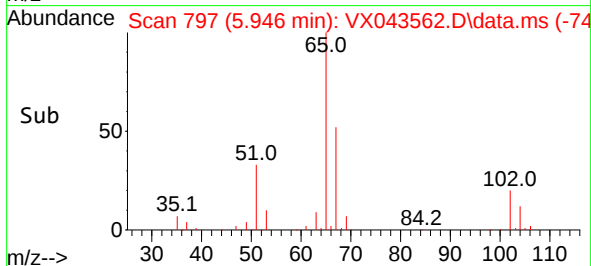
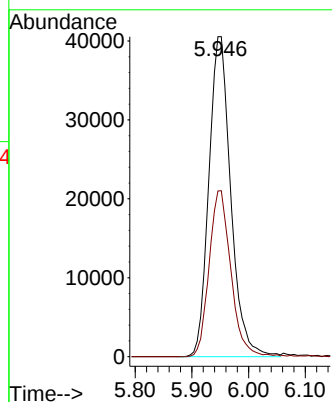
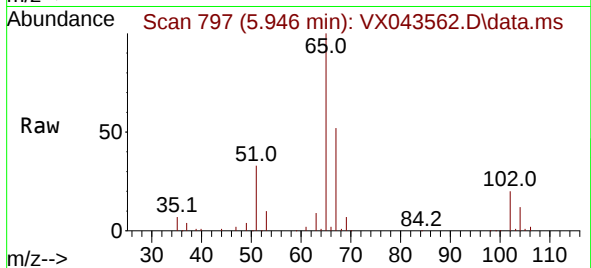
VIBLK

Tgt Ion: 65 Resp: 108837

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

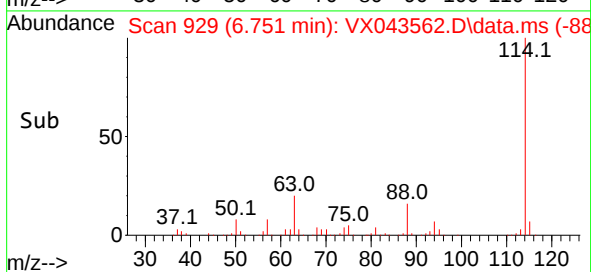
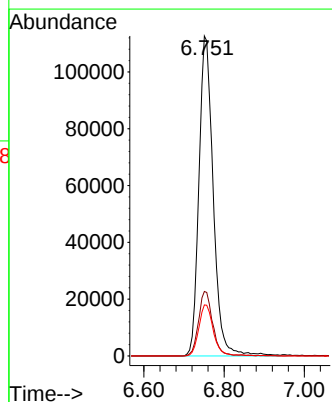
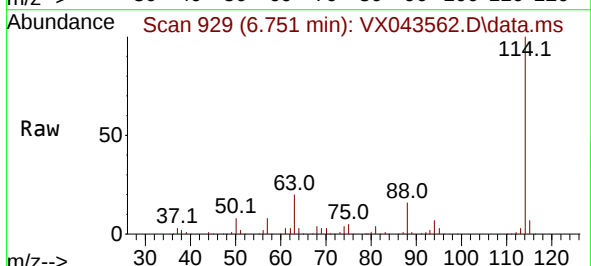
Tgt Ion: 114 Resp: 278824

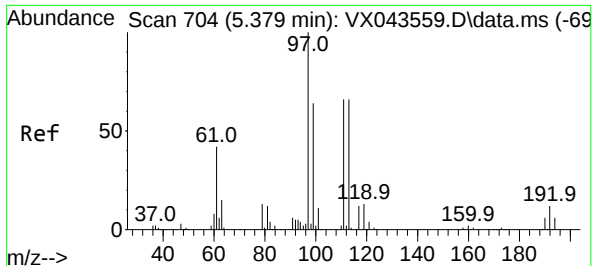
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.2

88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.456 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

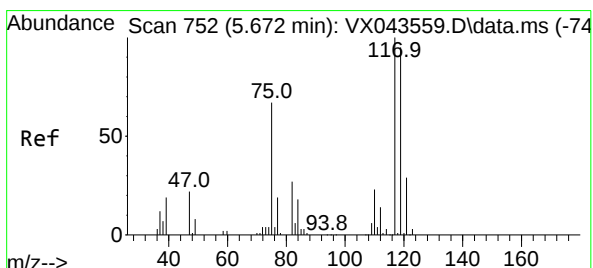
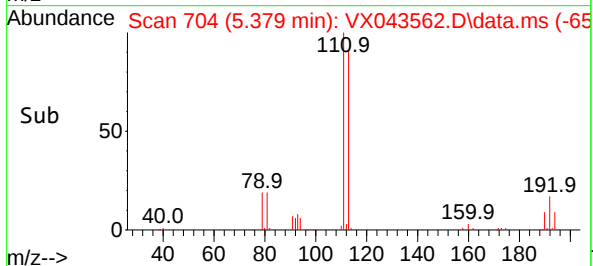
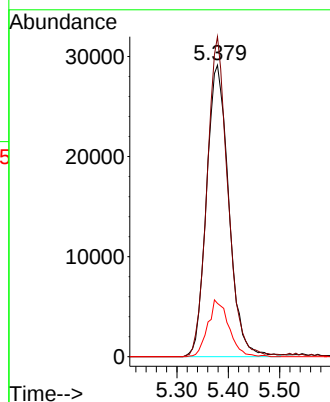
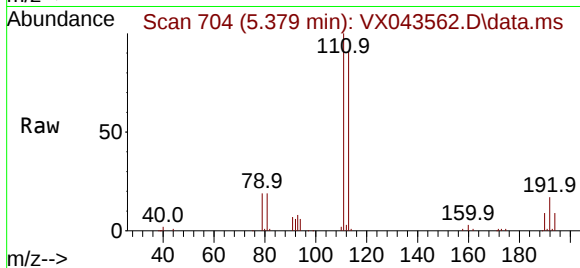
Tgt Ion:113 Resp: 87835

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.3 14.1 21.1



#38

Carbon Tetrachloride

Concen: 6.574 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

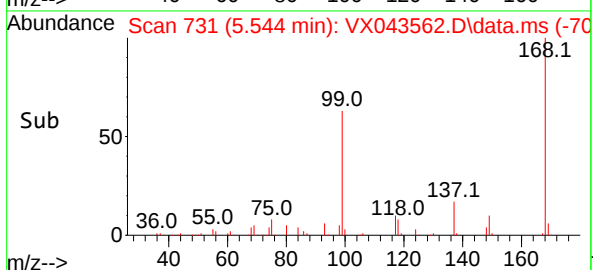
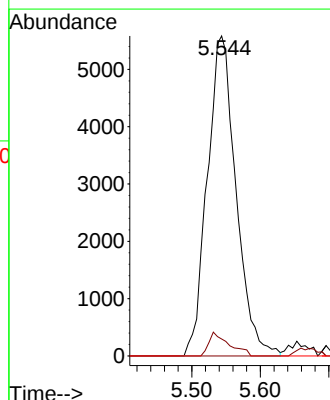
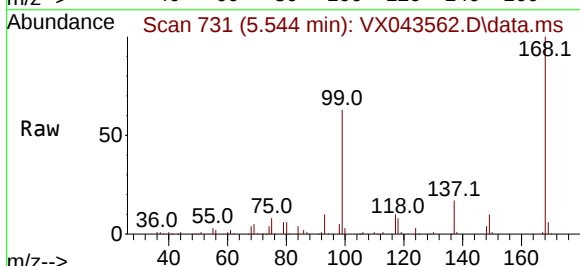
Tgt Ion:117 Resp: 16286

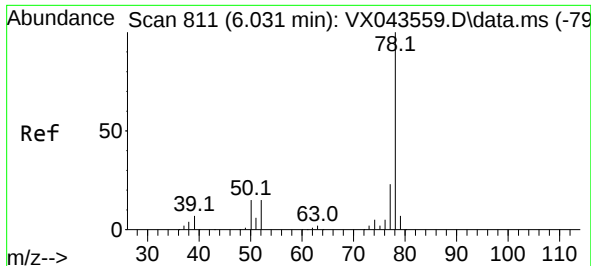
Ion Ratio Lower Upper

117 100

119 5.3 77.0 115.6#

121 0.0 24.7 37.1#

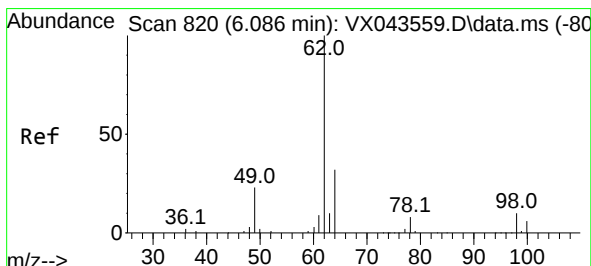
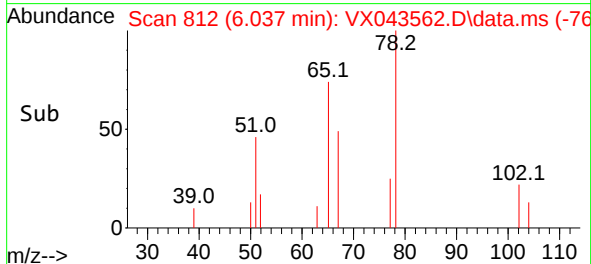
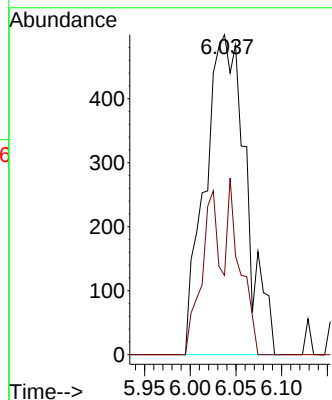
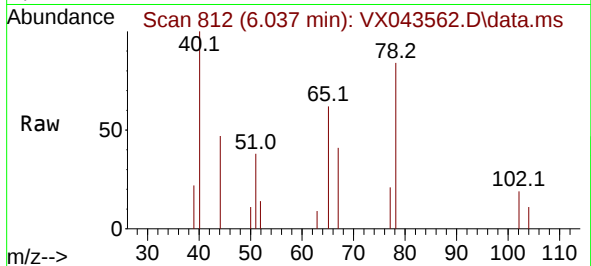




#40
Benzene
Concen: 0.208 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

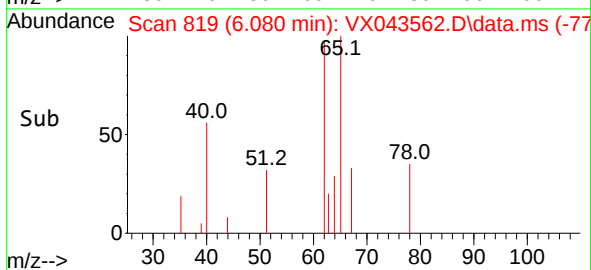
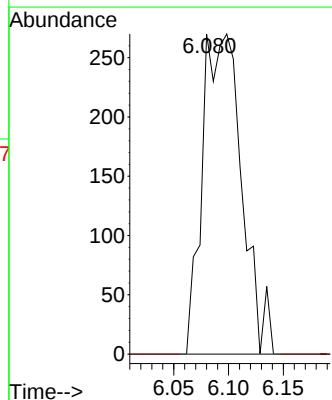
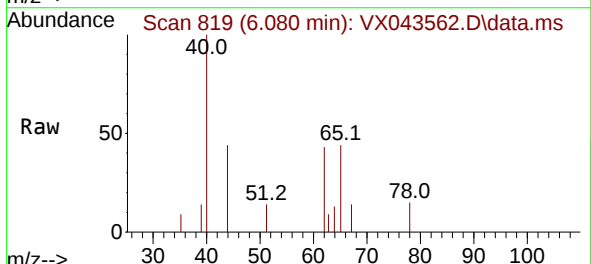
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

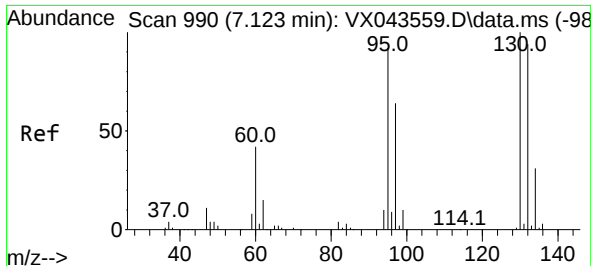
Tgt Ion: 78 Resp: 1559
Ion Ratio Lower Upper
78 100
77 24.8 18.4 27.6



#42
1,2-Dichloroethane
Concen: 0.251 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion: 62 Resp: 675
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.8

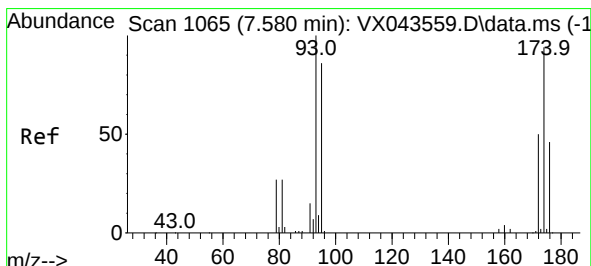
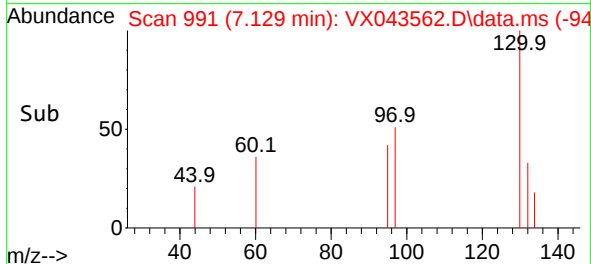
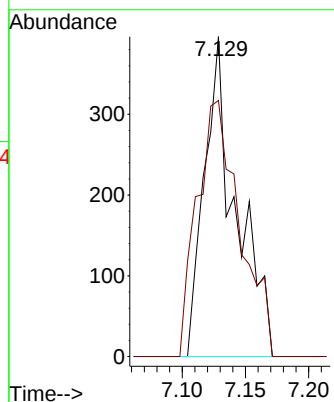
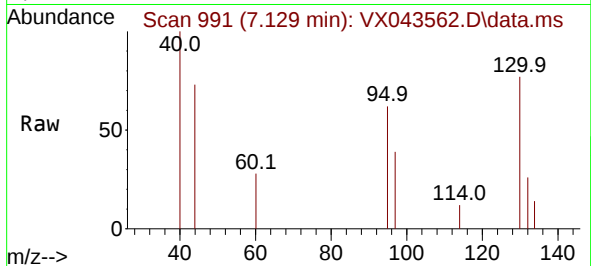




#44
 Trichloroethene
 Concen: 0.371 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

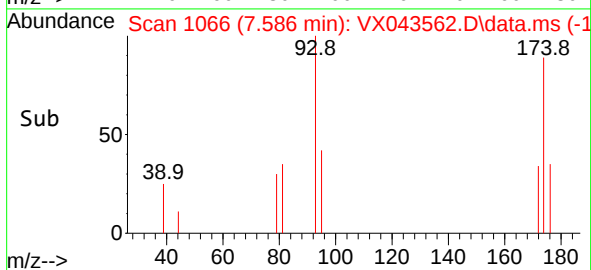
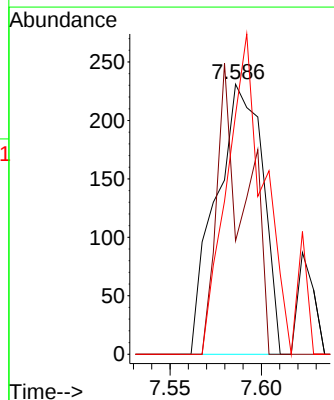
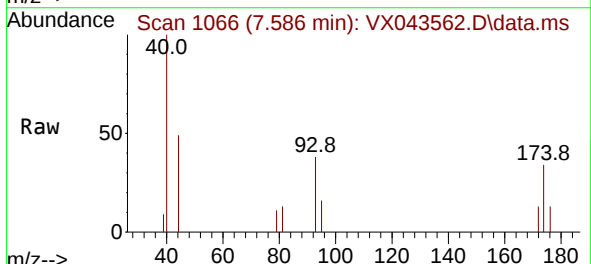
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

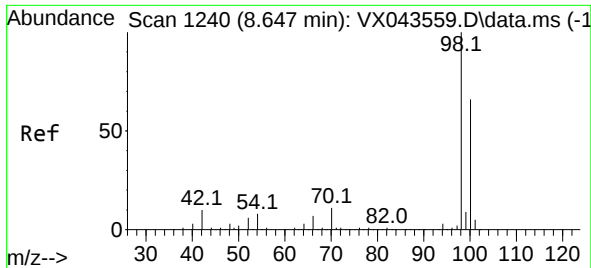
Tgt Ion:130 Resp: 689
 Ion Ratio Lower Upper
 130 100
 95 80.1 0.0 202.6



#46
 Dibromomethane
 Concen: 0.291 ug/l
 RT: 7.586 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

Tgt Ion: 93 Resp: 412
 Ion Ratio Lower Upper
 93 100
 95 65.8 66.4 99.6#
 174 93.0 75.0 112.4

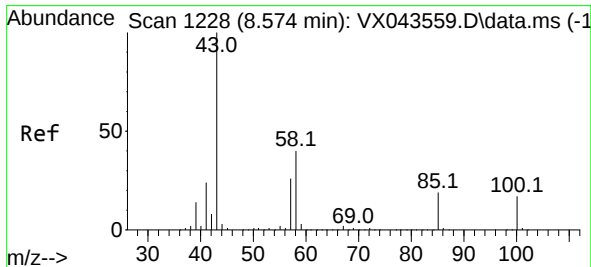
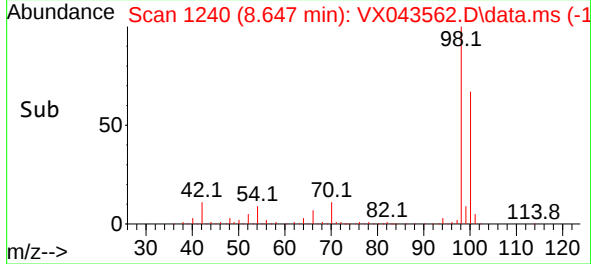
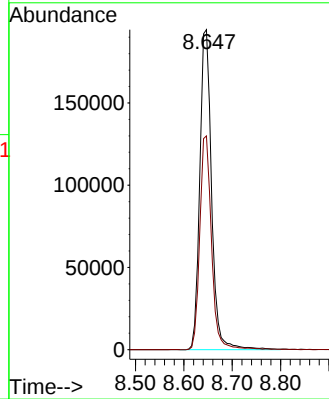
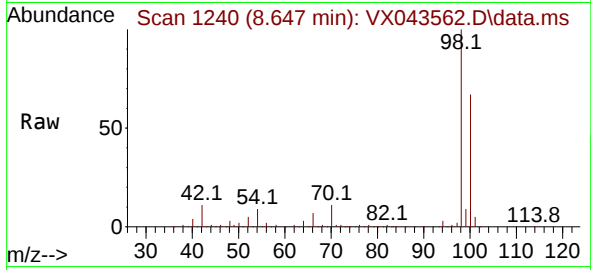




#50
Toluene-d8
Concen: 50.351 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

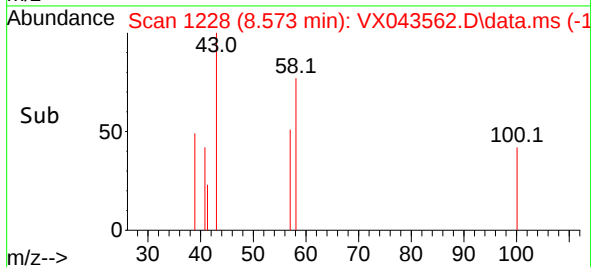
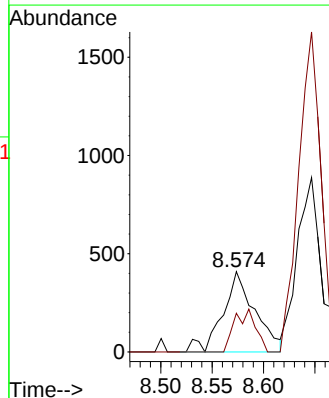
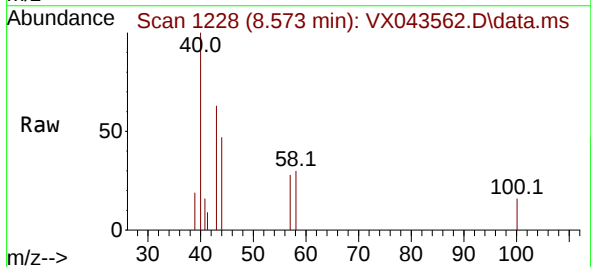
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

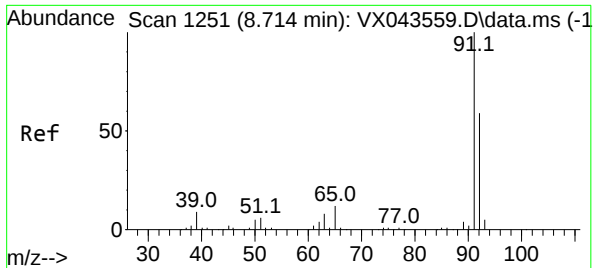
Tgt Ion: 98 Resp: 329541
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.326 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5





#52

Toluene

Concen: 0.279 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

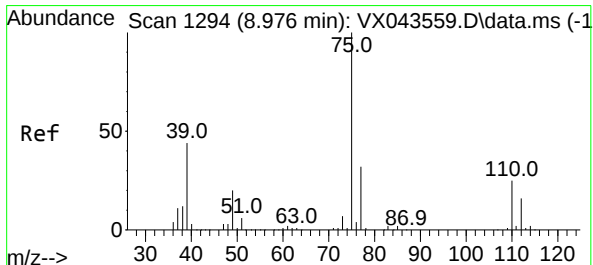
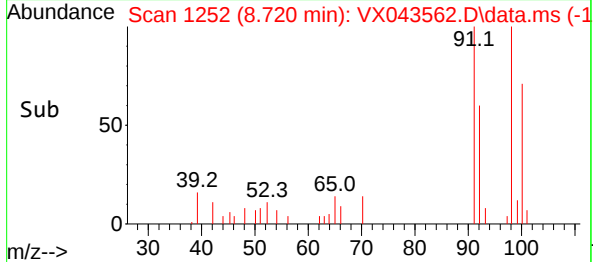
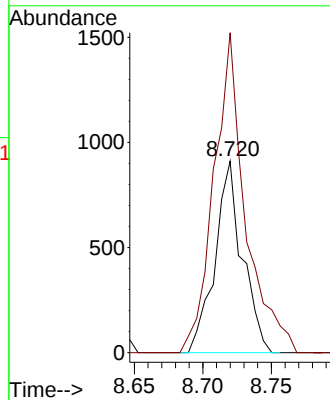
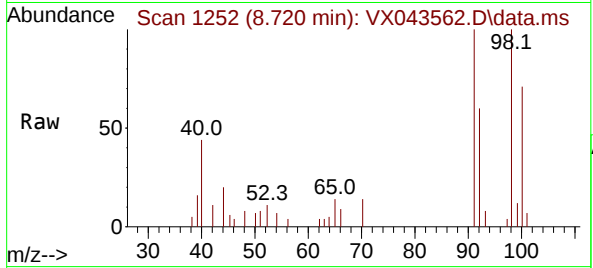
VIBLK

Tgt Ion: 92 Resp: 1264

Ion Ratio Lower Upper

92 100

91 192.0 135.7 203.5



#53

t-1,3-Dichloropropene

Concen: 0.341 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX043562.D

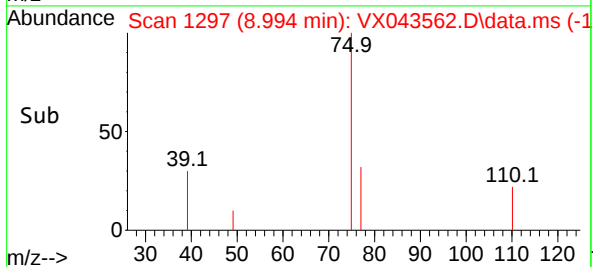
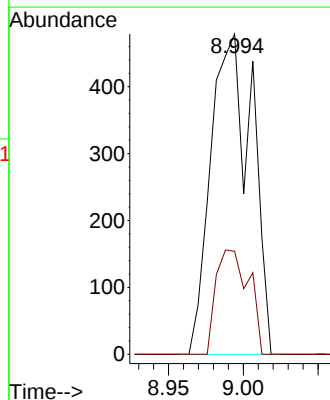
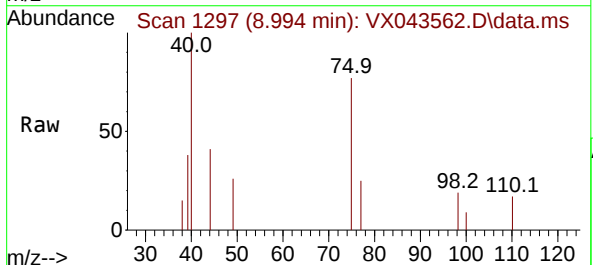
Acq: 28 Oct 2024 14:04

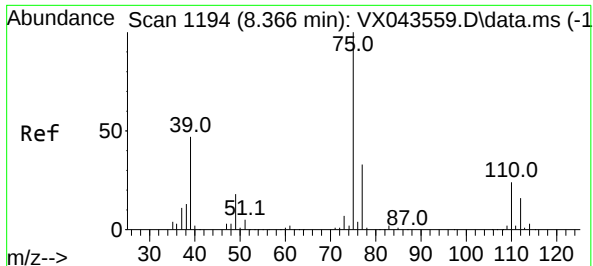
Tgt Ion: 75 Resp: 910

Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

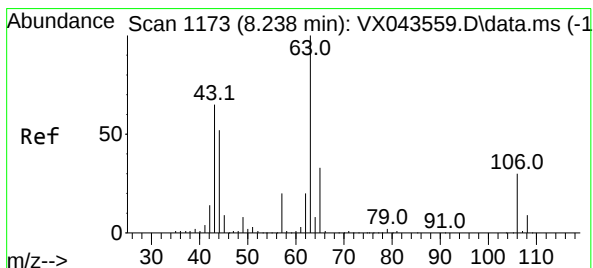
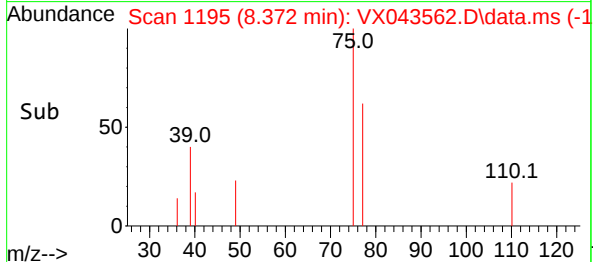
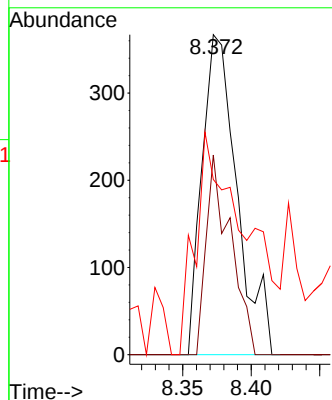
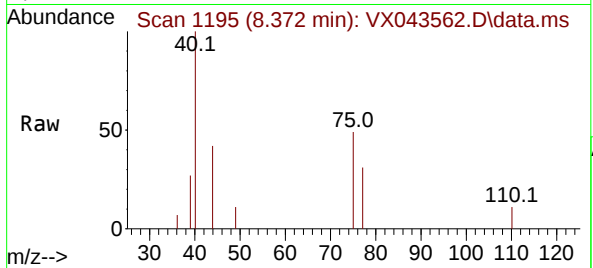




#54
 cis-1,3-Dichloropropene
 Concen: 0.229 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

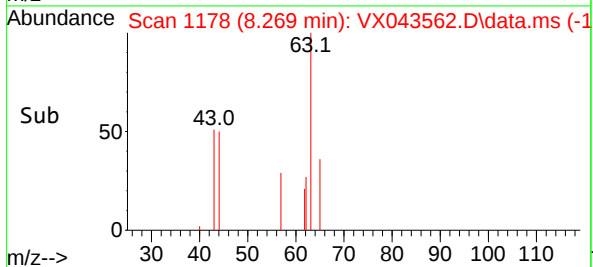
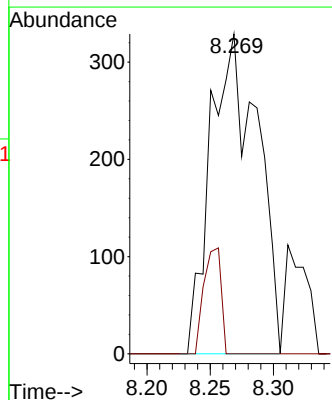
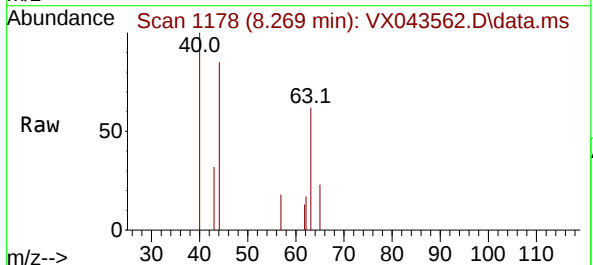
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

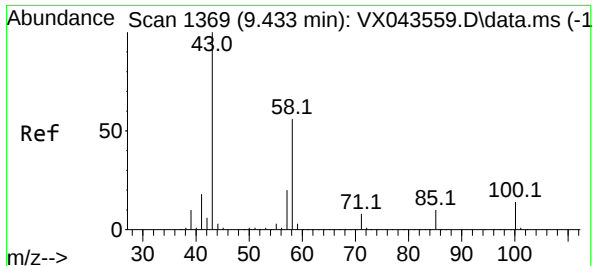
Tgt Ion: 75 Resp: 652
 Ion Ratio Lower Upper
 75 100
 77 62.4 24.8 37.2#
 39 54.8 37.7 56.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.571 ug/l
 RT: 8.269 min Scan# 1178
 Delta R.T. 0.030 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

Tgt Ion: 63 Resp: 849
 Ion Ratio Lower Upper
 63 100
 106 12.2 23.6 35.4#





#59

2-Hexanone

Concen: 0.427 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

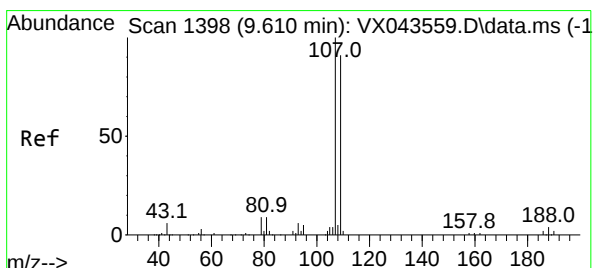
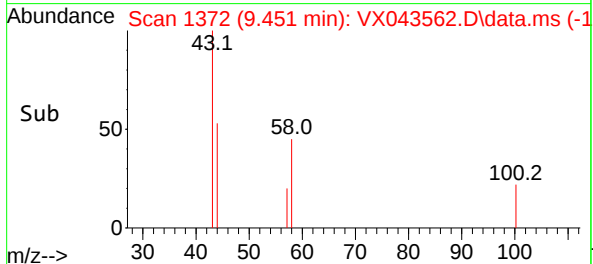
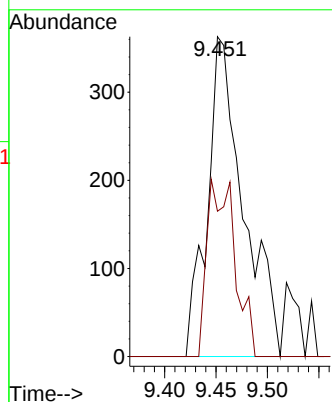
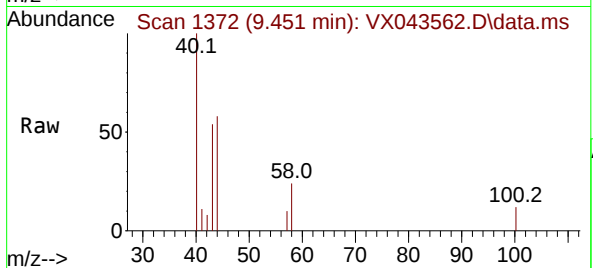
VIBLK

Tgt Ion: 43 Resp: 889

Ion Ratio Lower Upper

43 100

58 42.4 27.5 82.5



#61

1,2-Dibromoethane

Concen: 0.332 ug/l

RT: 9.622 min Scan# 1400

Delta R.T. 0.012 min

Lab File: VX043562.D

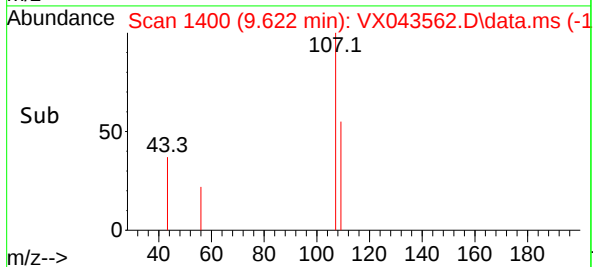
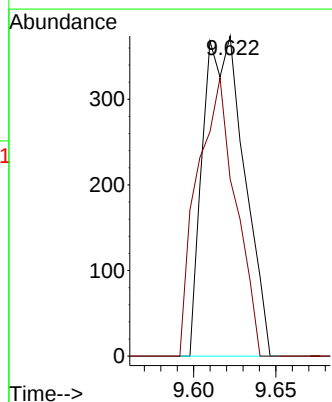
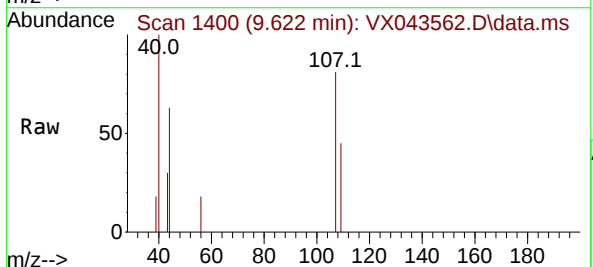
Acq: 28 Oct 2024 14:04

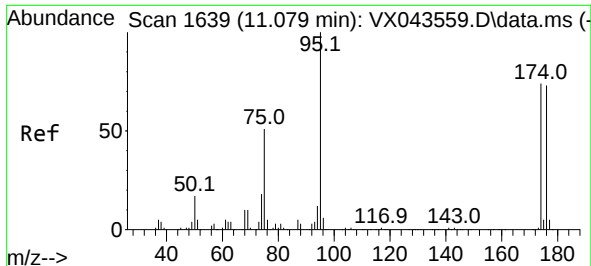
Tgt Ion: 107 Resp: 651

Ion Ratio Lower Upper

107 100

109 81.3 77.1 115.7





#62

4-Bromofluorobenzene

Concen: 48.924 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

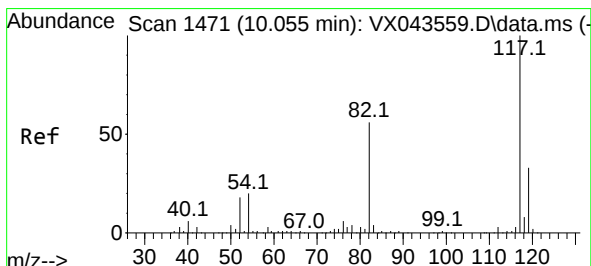
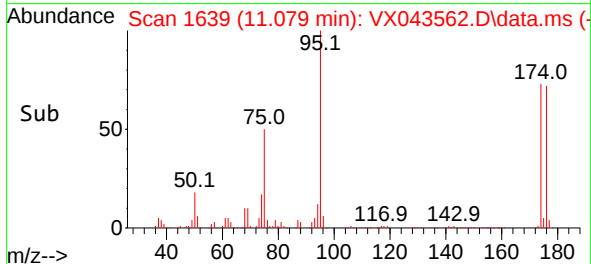
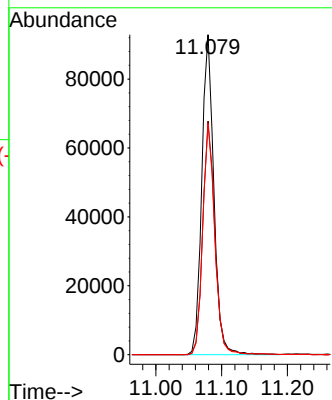
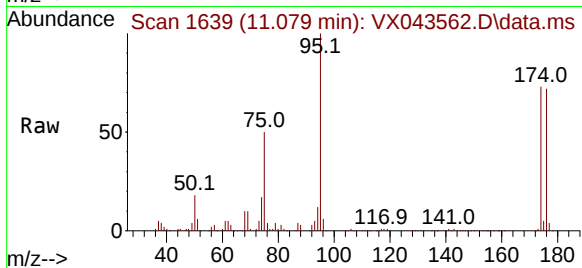
Tgt Ion: 95 Resp: 118652

Ion Ratio Lower Upper

95 100

174 73.0 0.0 146.6

176 72.1 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

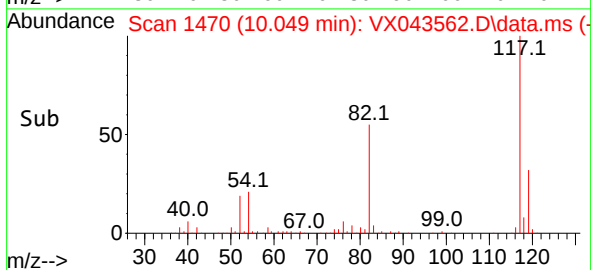
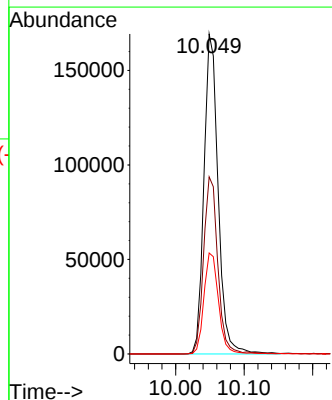
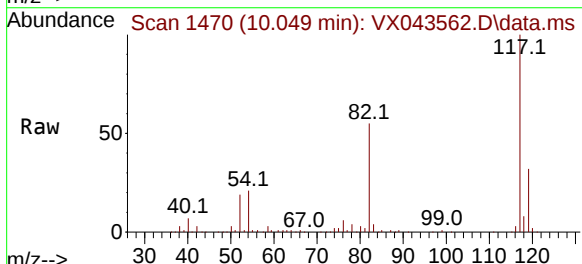
Tgt Ion: 117 Resp: 244289

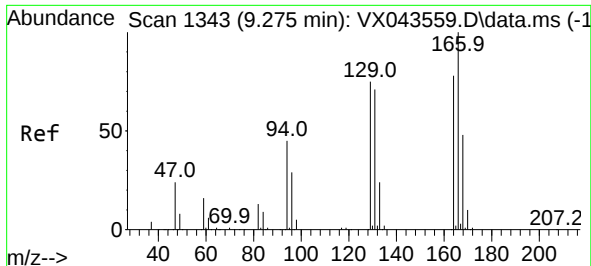
Ion Ratio Lower Upper

117 100

82 55.4 42.1 63.1

119 31.6 25.4 38.2



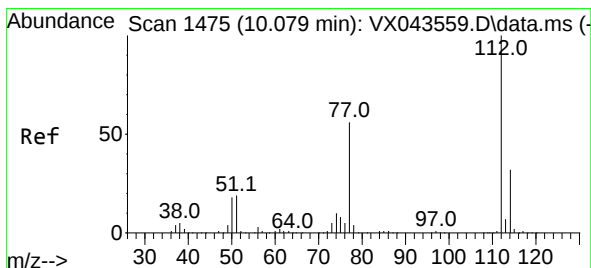
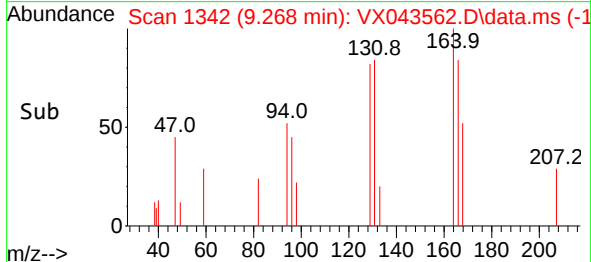
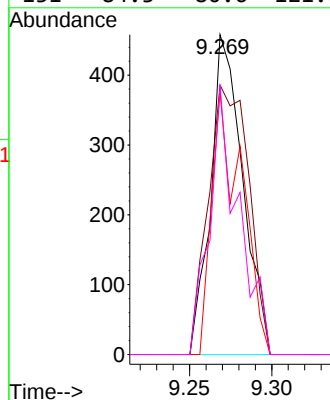
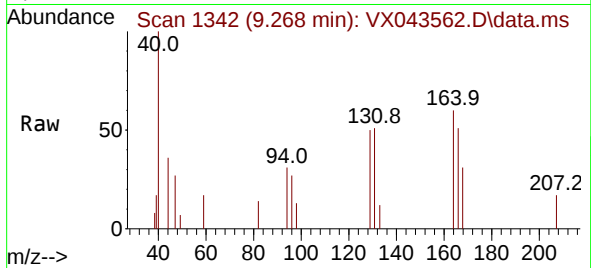


#64
Tetrachloroethene
Concen: 0.405 ug/l
RT: 9.268 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 623

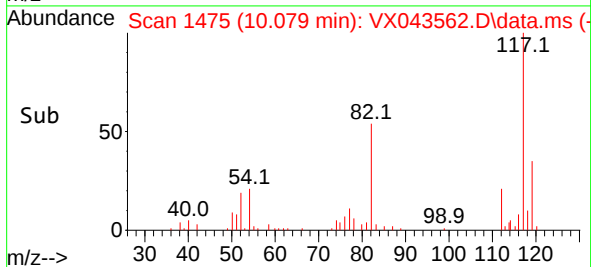
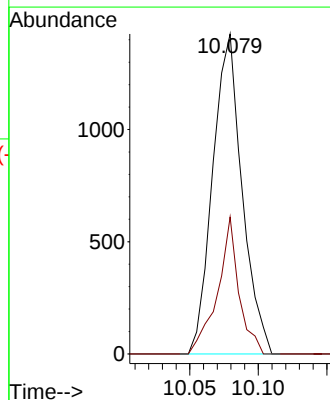
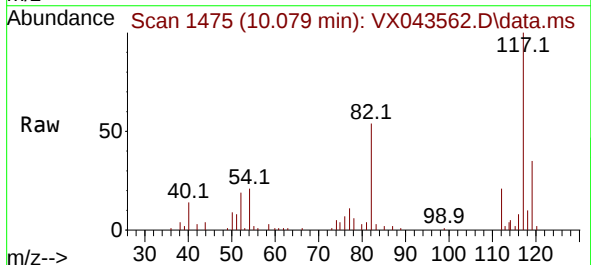
Ion	Ratio	Lower	Upper
164	100		
166	84.3	103.8	155.6#
129	82.1	83.8	125.6#
131	84.3	80.6	121.0

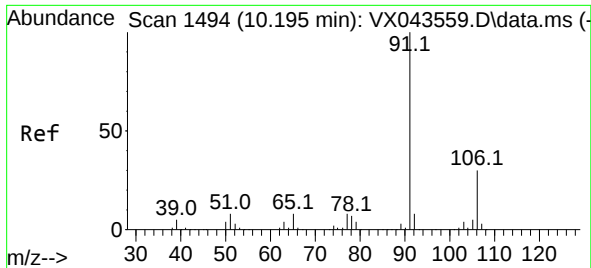


#65
Chlorobenzene
Concen: 0.404 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion:112 Resp: 2124

Ion	Ratio	Lower	Upper
112	100		
114	42.8	25.0	37.6#





#67

Ethyl Benzene

Concen: 0.284 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

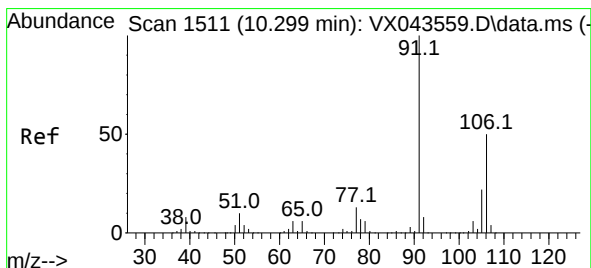
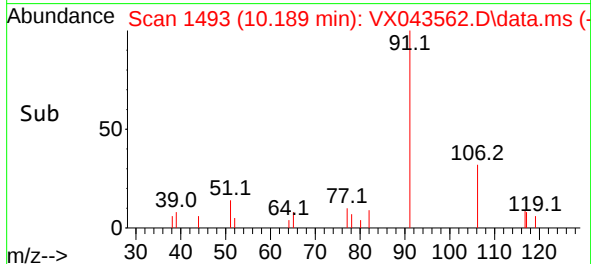
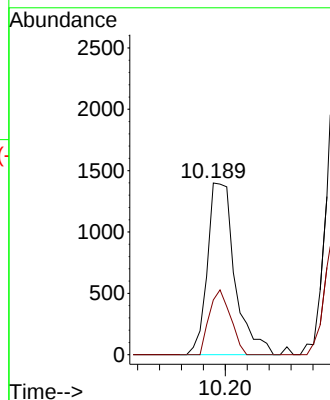
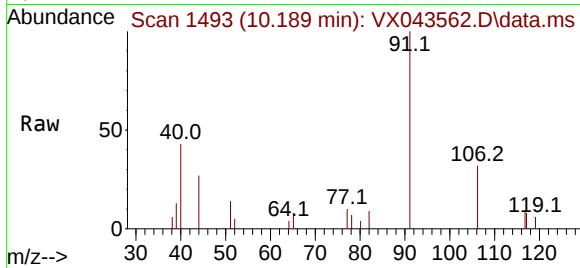
VIBLK

Tgt Ion: 91 Resp: 2436

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.2



#68

m/p-Xylenes

Concen: 0.604 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043562.D

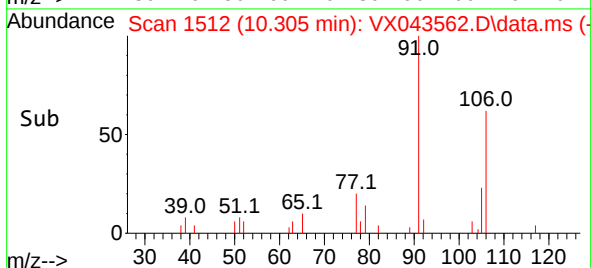
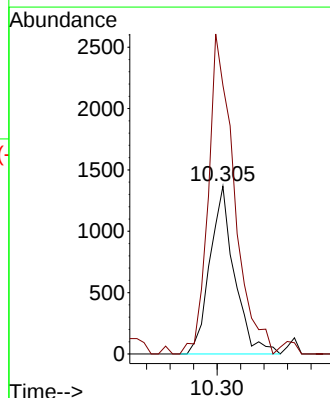
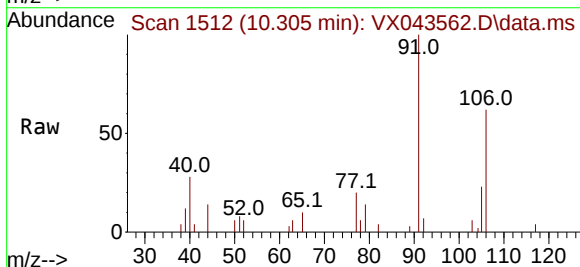
Acq: 28 Oct 2024 14:04

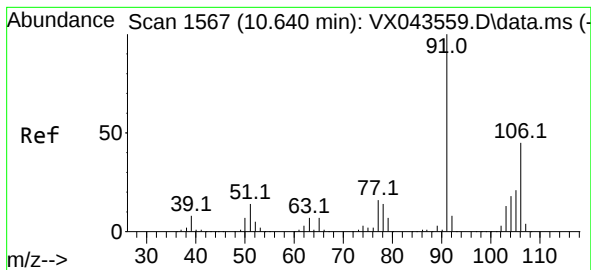
Tgt Ion:106 Resp: 1981

Ion Ratio Lower Upper

106 100

91 202.0 164.7 247.1





#69

o-Xylene

Concen: 0.317 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

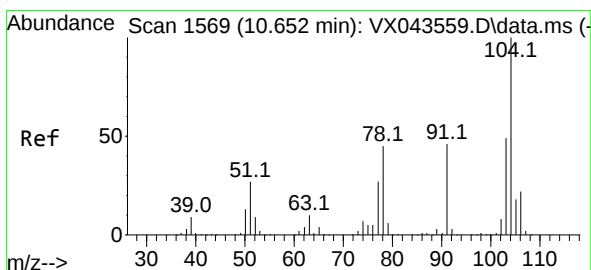
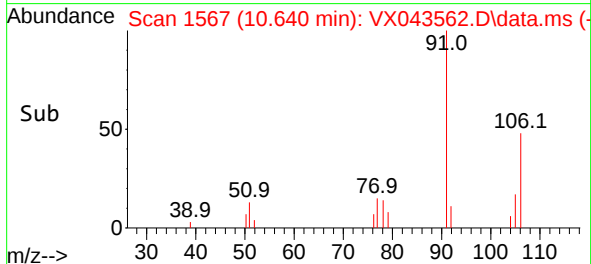
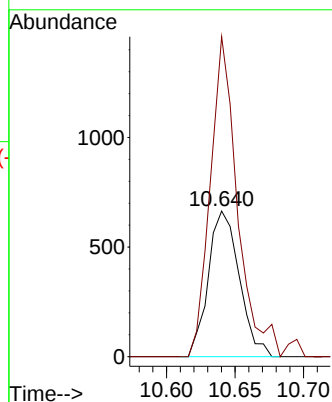
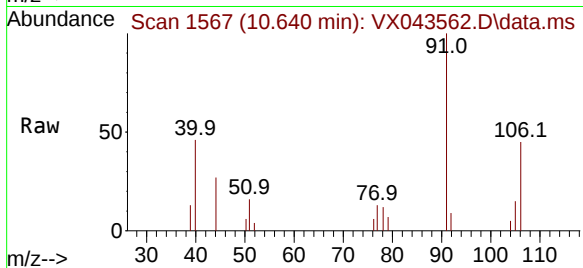
VIBLK

Tgt Ion:106 Resp: 1045

Ion Ratio Lower Upper

106 100

91 197.1 107.9 323.7



#70

Styrene

Concen: 0.338 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

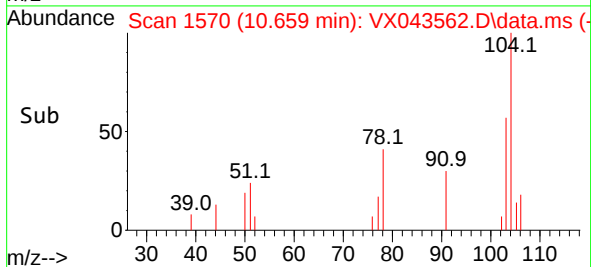
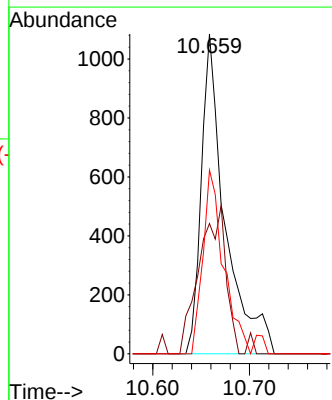
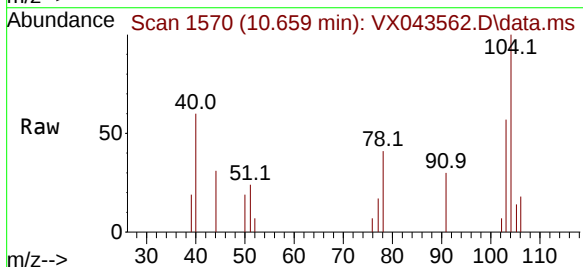
Tgt Ion:104 Resp: 1851

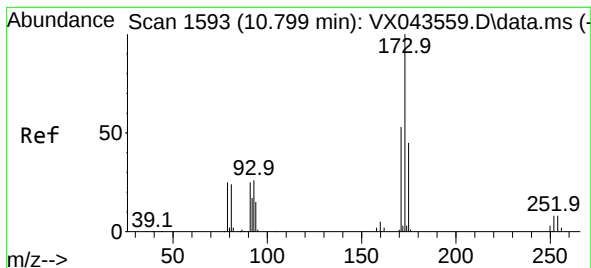
Ion Ratio Lower Upper

104 100

78 51.9 40.0 60.0

103 50.2 43.4 65.0





#71

Bromoform

Concen: 0.258 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

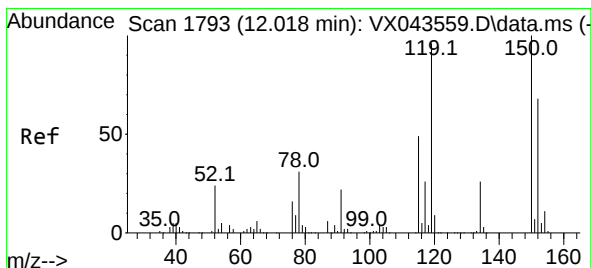
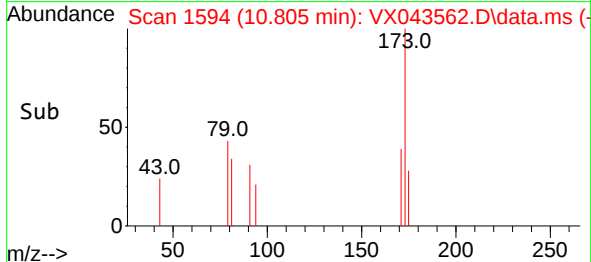
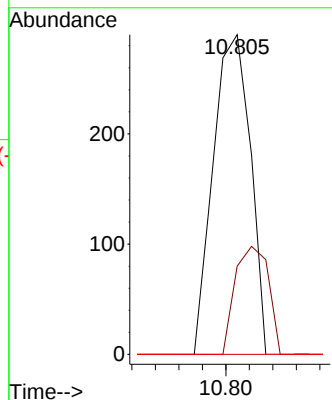
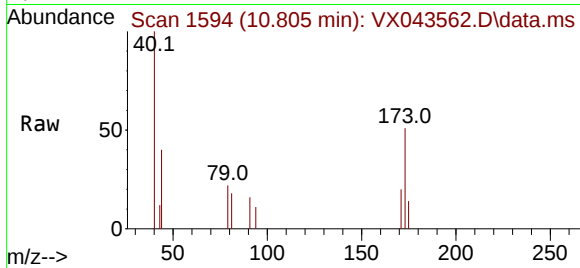
Tgt Ion:173 Resp: 318

Ion Ratio Lower Upper

173 100

175 0.0 23.3 69.9#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

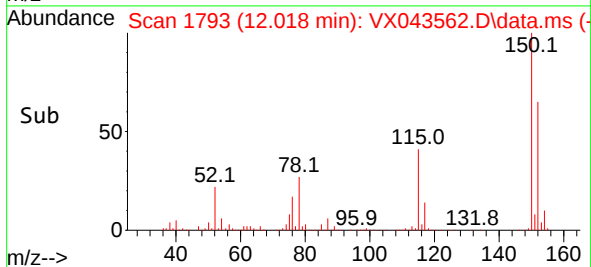
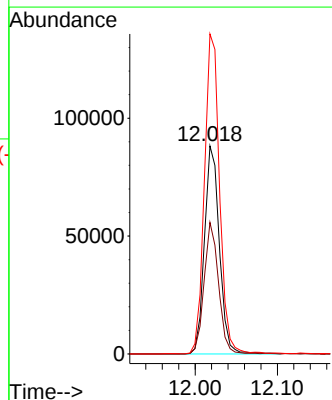
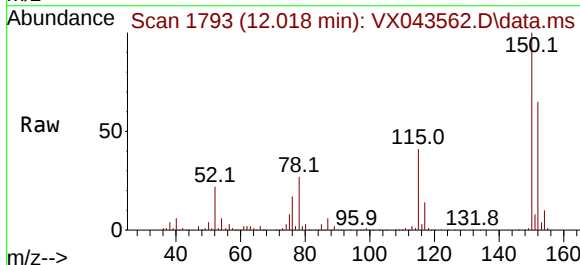
Tgt Ion:152 Resp: 111494

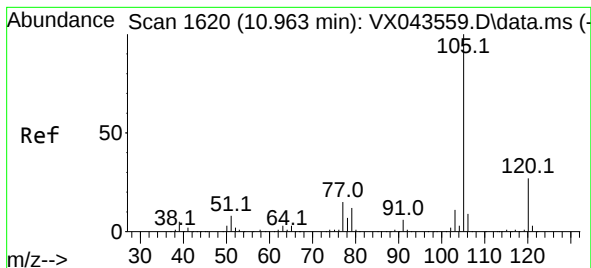
Ion Ratio Lower Upper

152 100

115 61.3 42.9 128.7

150 155.8 0.0 343.6





#73

Isopropylbenzene

Concen: 0.223 ug/l

RT: 10.963 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

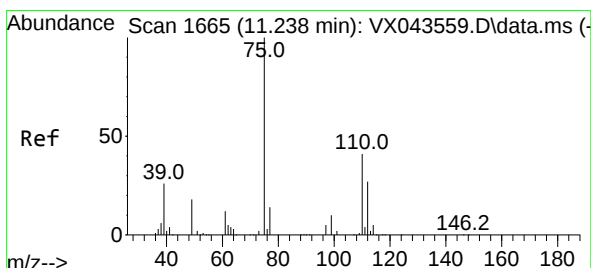
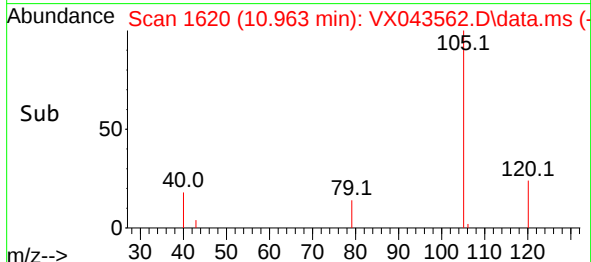
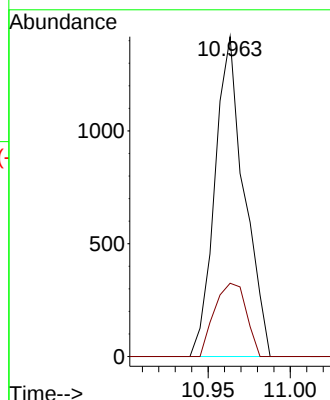
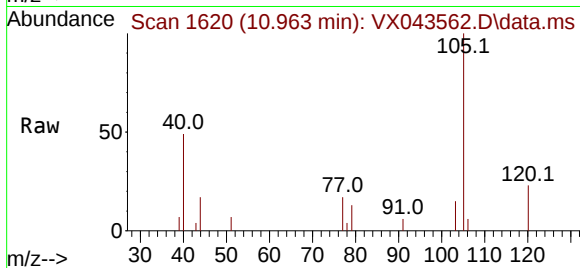
VIBLK

Tgt Ion:105 Resp: 1760

Ion Ratio Lower Upper

105 100

120 24.8 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 25.560 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043562.D

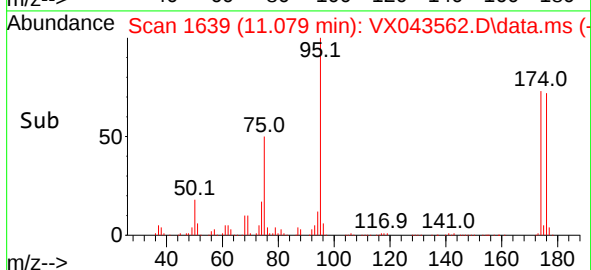
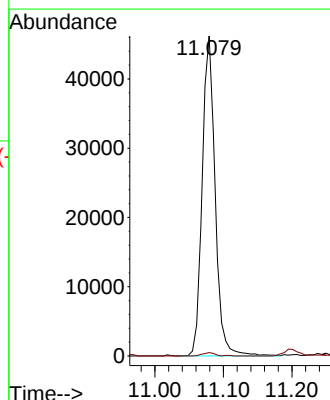
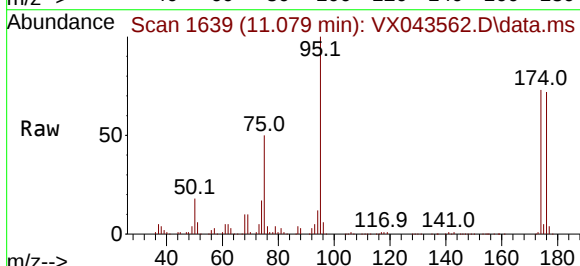
Acq: 28 Oct 2024 14:04

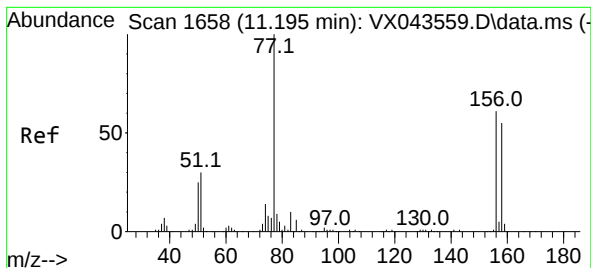
Tgt Ion: 75 Resp: 60932

Ion Ratio Lower Upper

75 100

77 1.0 22.4 67.2#





#77

Bromobenzene

Concen: 0.323 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

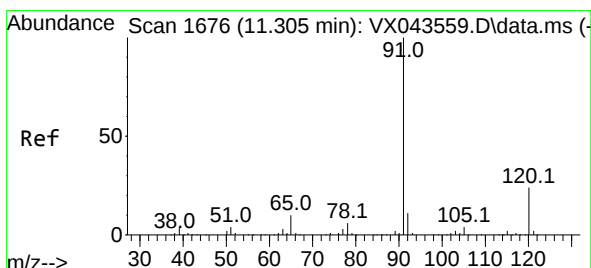
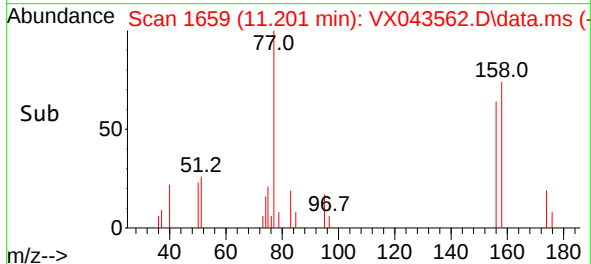
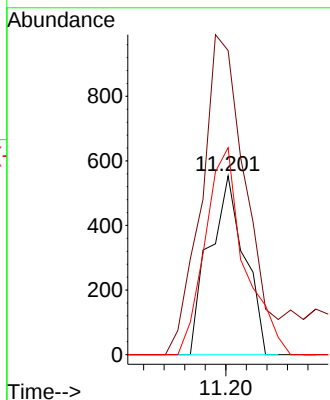
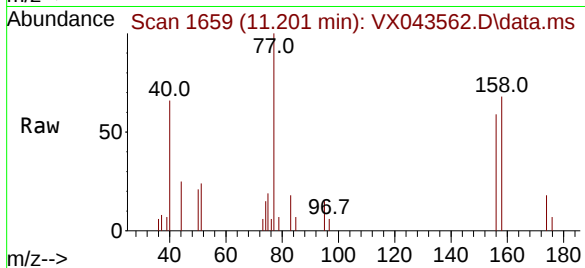
Tgt Ion:156 Resp: 658

Ion Ratio Lower Upper

156 100

77 225.5 79.7 239.1

158 129.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.308 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043562.D

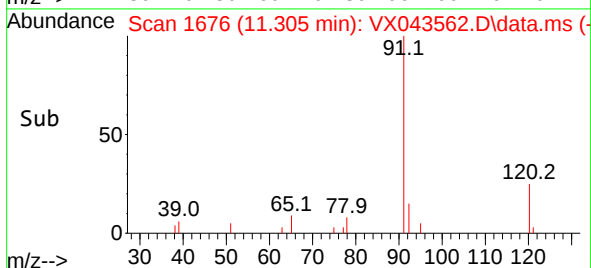
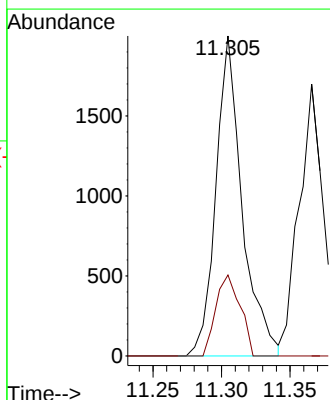
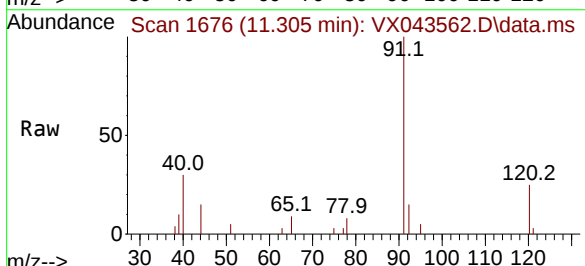
Acq: 28 Oct 2024 14:04

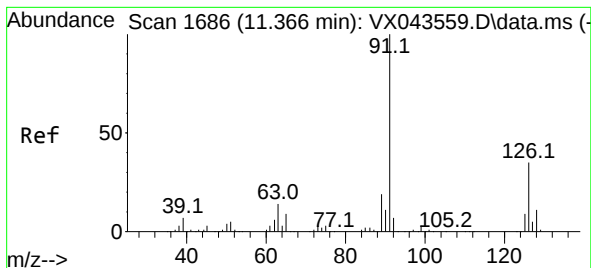
Tgt Ion: 91 Resp: 2655

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.7





#79

2-Chlorotoluene

Concen: 0.385 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

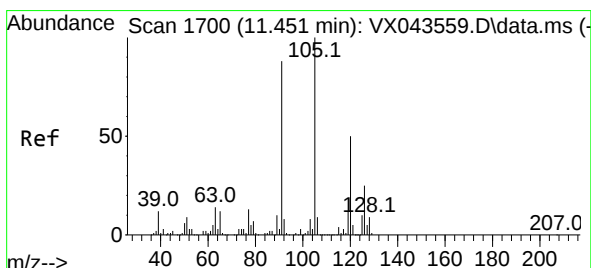
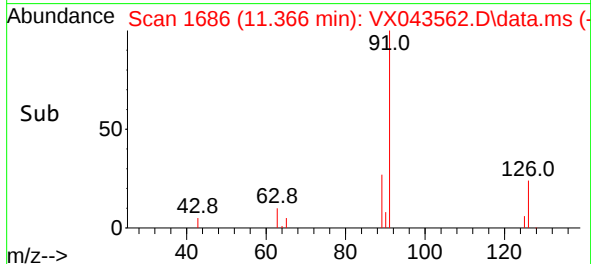
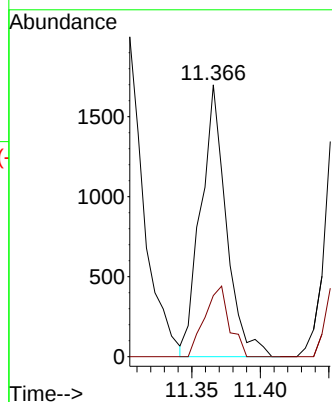
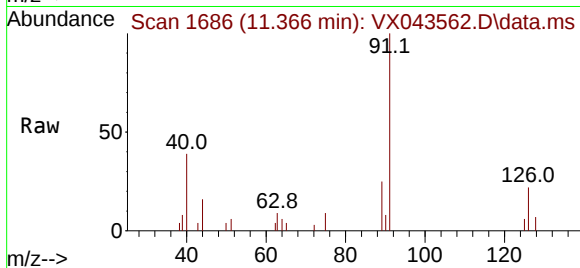
VIBLK

Tgt Ion: 91 Resp: 2198

Ion Ratio Lower Upper

91 100

126 25.0 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043562.D

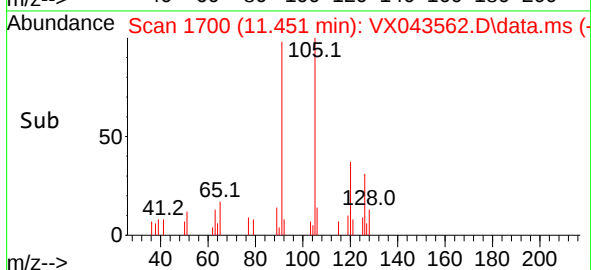
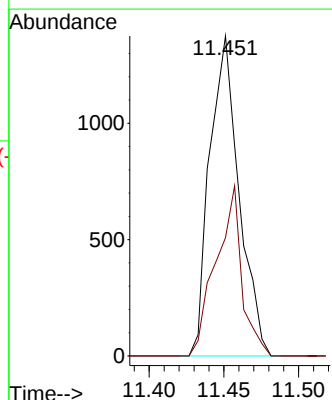
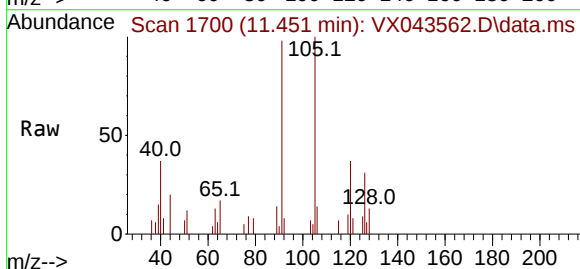
Acq: 28 Oct 2024 14:04

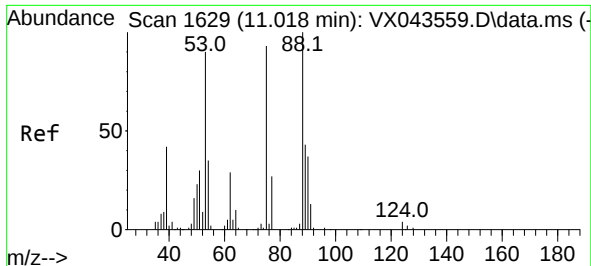
Tgt Ion: 105 Resp: 1878

Ion Ratio Lower Upper

105 100

120 46.8 23.8 71.5

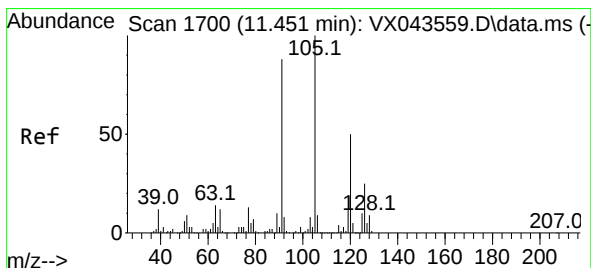
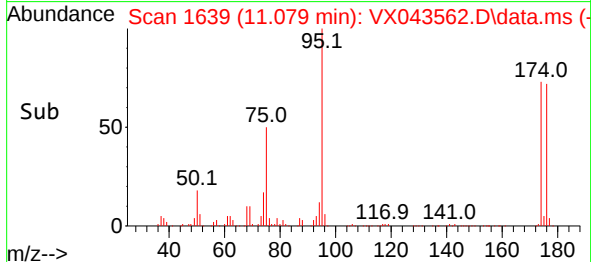
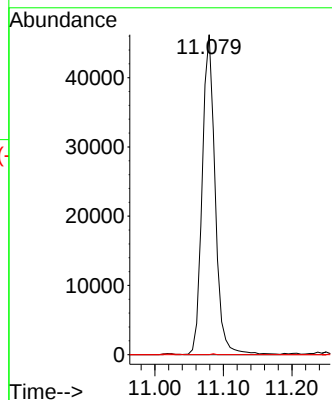
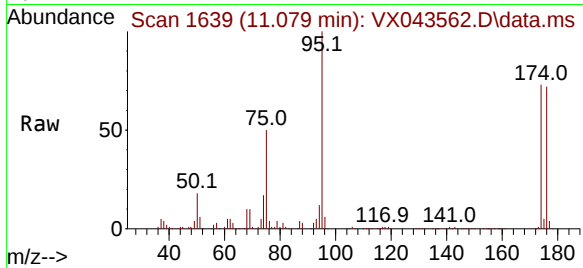




#81
trans-1,4-Dichloro-2-butene
Concen: 70.316 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

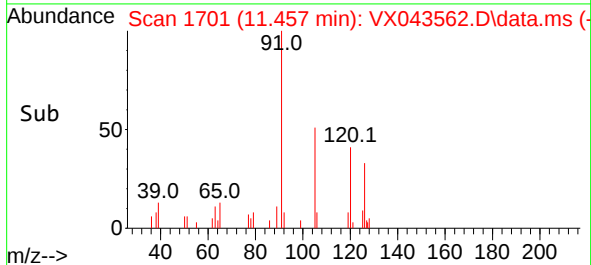
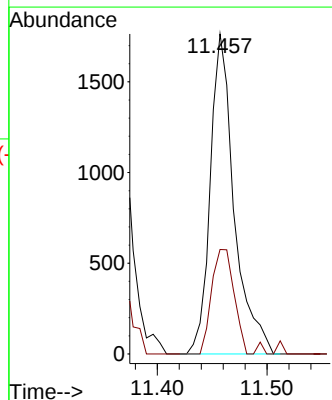
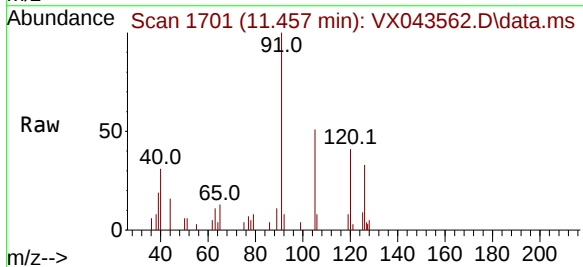
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

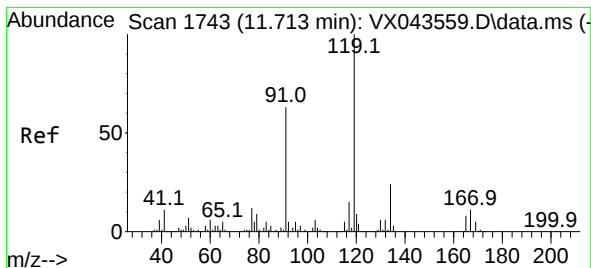
Tgt Ion: 75 Resp: 60932
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#



#82
4-Chlorotoluene
Concen: 0.417 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043562.D
Acq: 28 Oct 2024 14:04

Tgt Ion: 91 Resp: 2670
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.8





#83

tert-Butylbenzene

Concen: 0.225 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

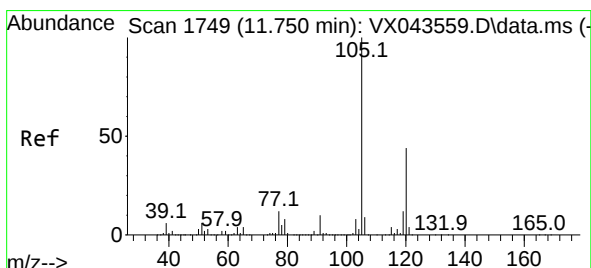
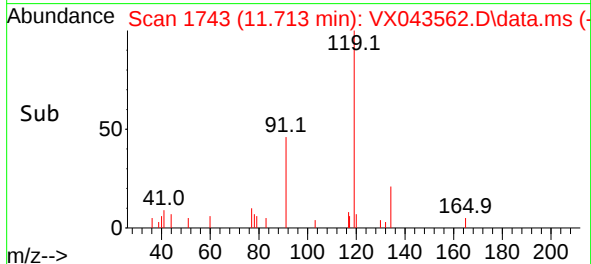
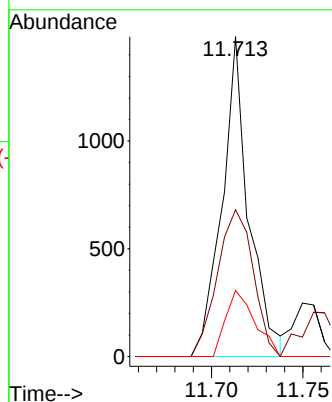
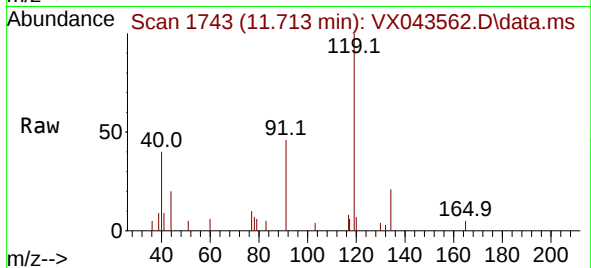
Tgt Ion:119 Resp: 1508

Ion Ratio Lower Upper

119 100

91 61.7 29.5 88.5

134 22.6 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 0.276 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043562.D

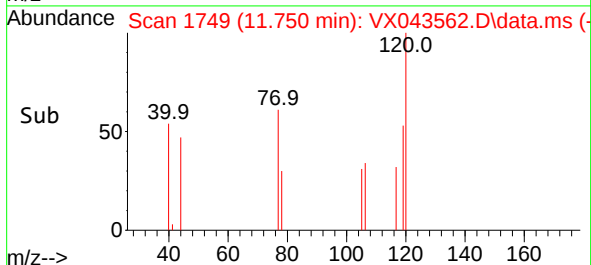
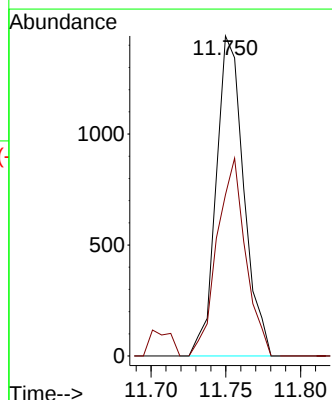
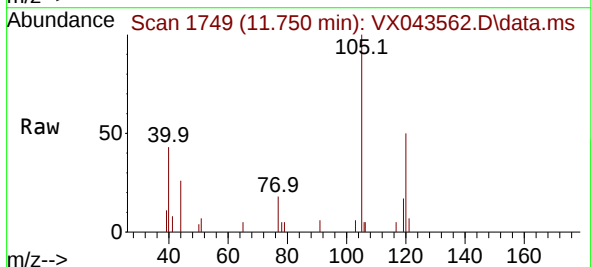
Acq: 28 Oct 2024 14:04

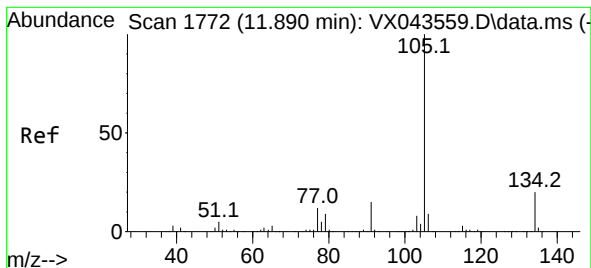
Tgt Ion:105 Resp: 1855

Ion Ratio Lower Upper

105 100

120 63.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.232 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

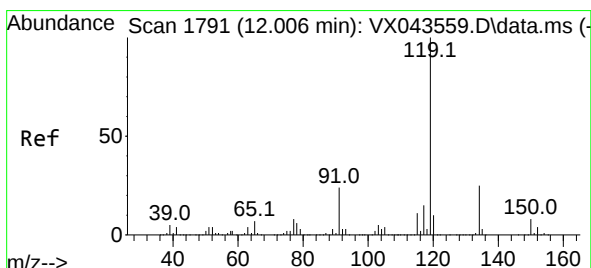
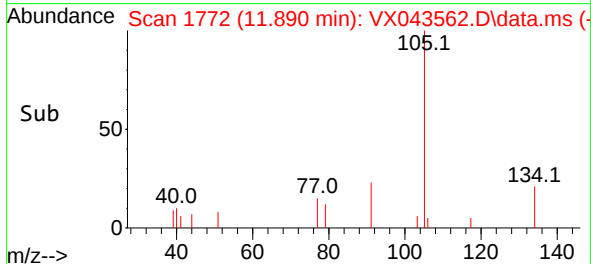
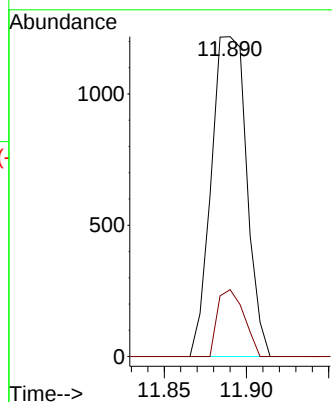
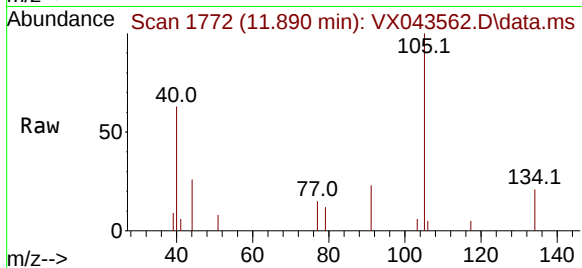
VIBLK

Tgt Ion:105 Resp: 1820

Ion Ratio Lower Upper

105 100

134 15.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 0.251 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

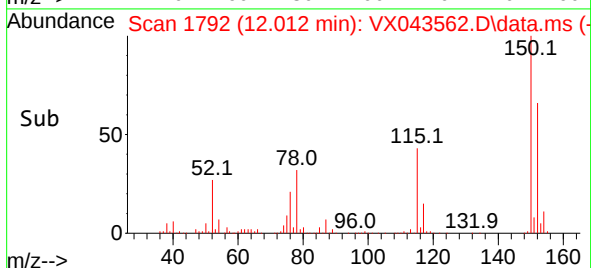
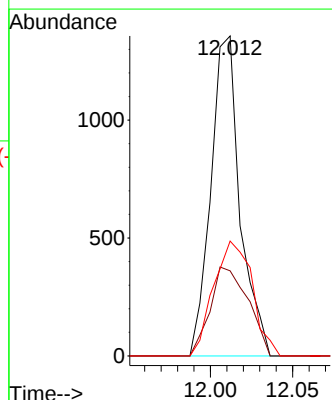
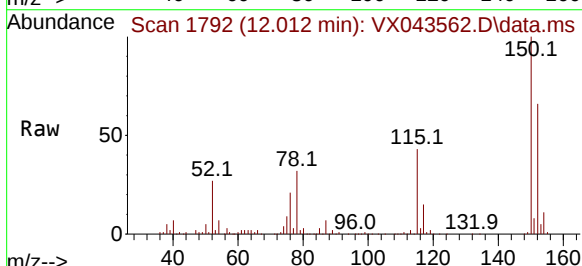
Tgt Ion:119 Resp: 1673

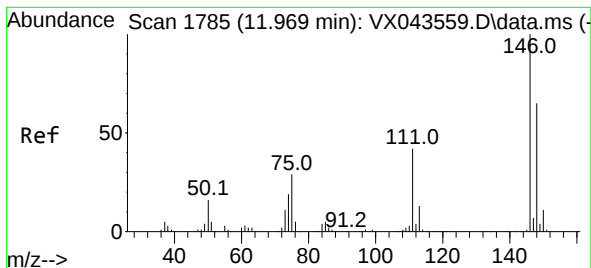
Ion Ratio Lower Upper

119 100

134 36.1 13.1 39.1

91 47.5 12.4 37.0#





#87

1,3-Dichlorobenzene

Concen: 0.500 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

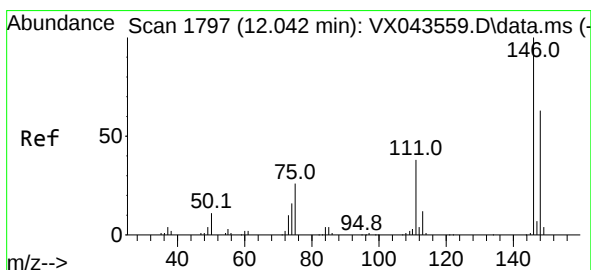
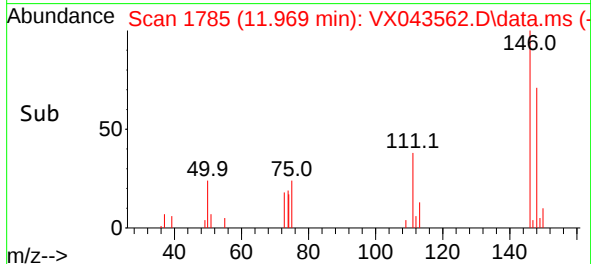
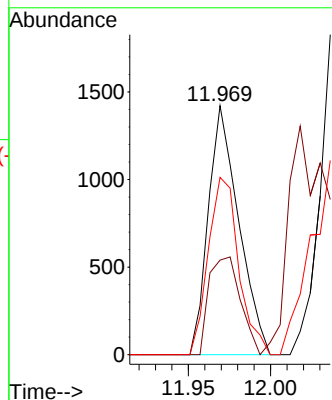
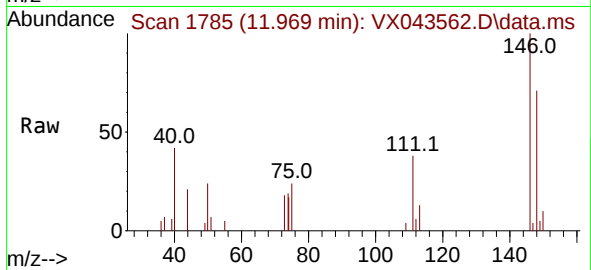
Tgt Ion:146 Resp: 1828

Ion Ratio Lower Upper

146 100

111 40.5 21.1 63.4

148 71.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.483 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

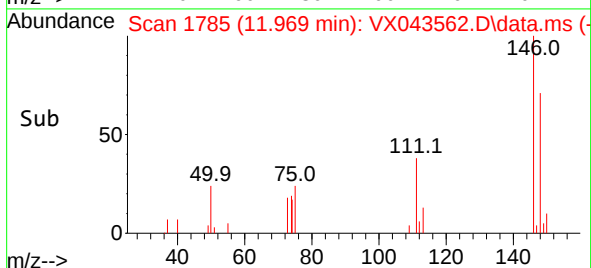
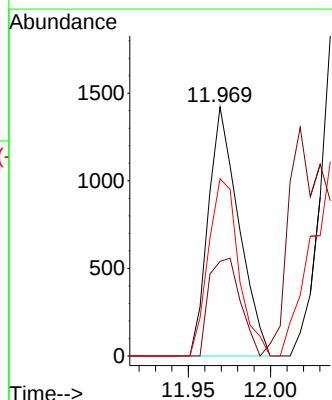
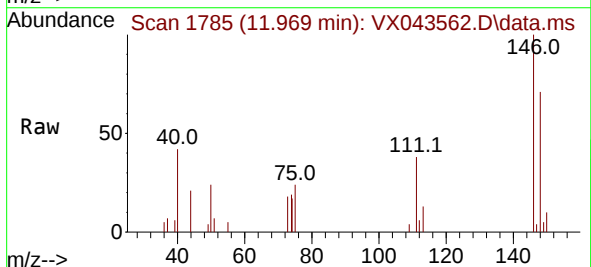
Tgt Ion:146 Resp: 1828

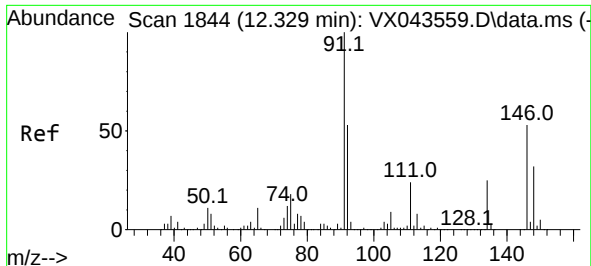
Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.3

148 71.2 31.9 95.9





#89

n-Butylbenzene

Concen: 0.289 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

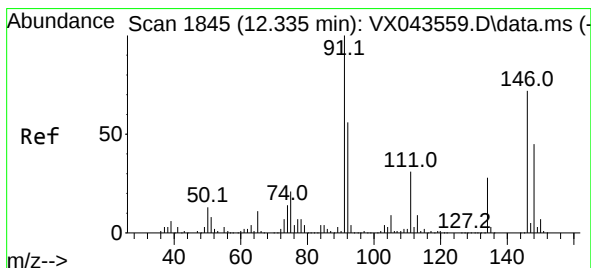
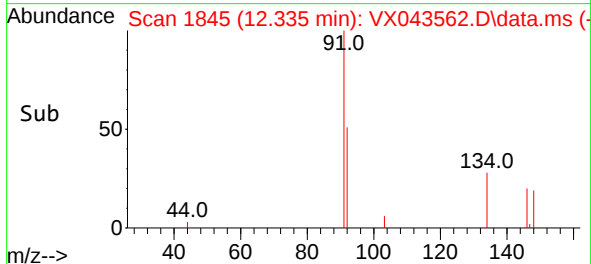
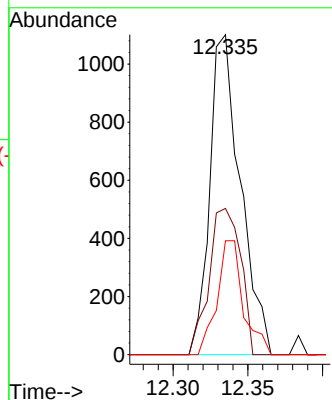
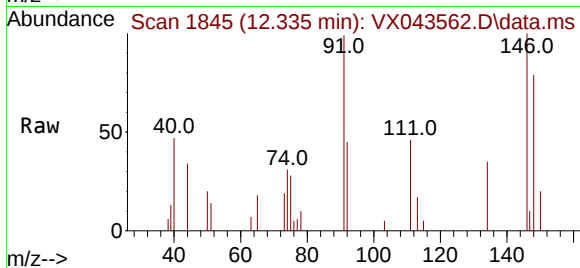
Tgt Ion: 91 Resp: 1572

Ion Ratio Lower Upper

91 100

92 47.1 27.1 81.2

134 30.5 12.9 38.6



#91

1,2-Dichlorobenzene

Concen: 0.401 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

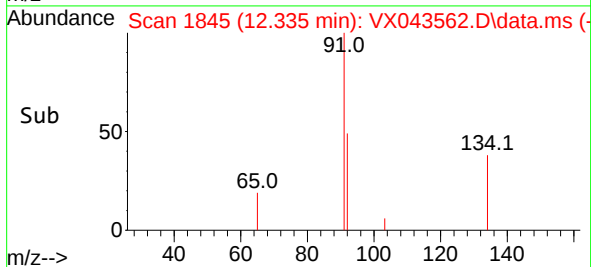
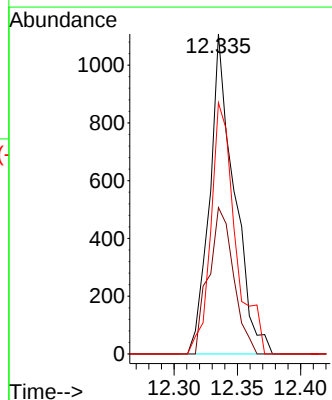
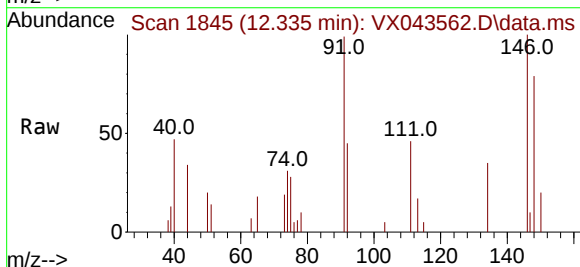
Tgt Ion:146 Resp: 1498

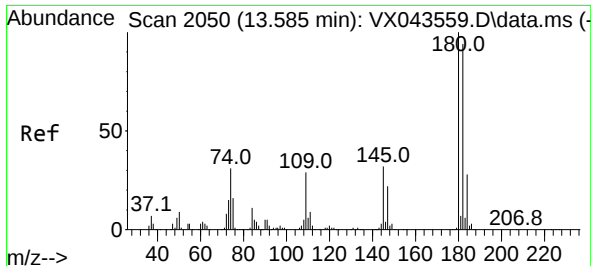
Ion Ratio Lower Upper

146 100

111 46.3 21.6 64.6

148 78.1 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.494 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

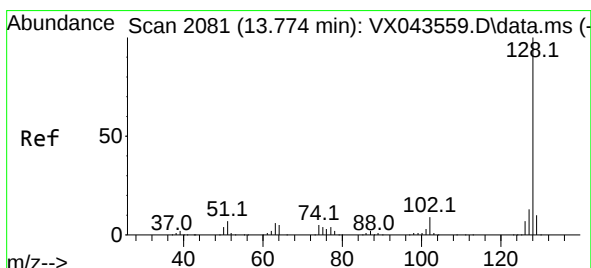
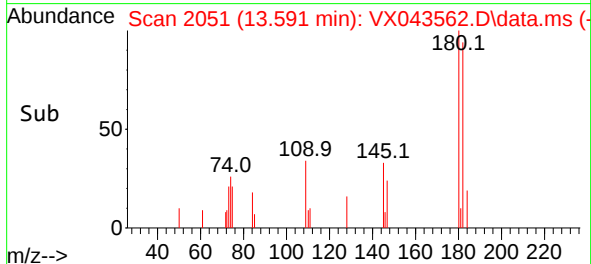
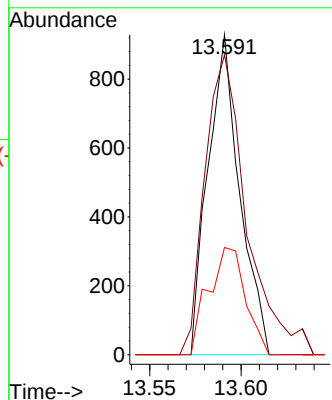
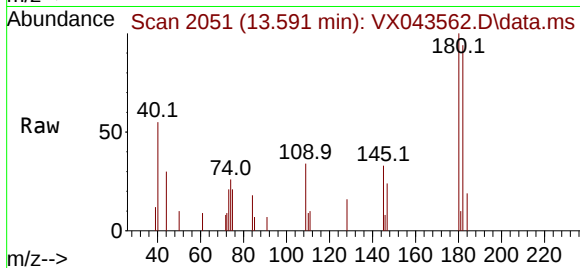
Tgt Ion:180 Resp: 1120

Ion Ratio Lower Upper

180 100

182 123.7 46.8 140.4

145 39.1 16.1 48.3



#95

Naphthalene

Concen: 0.668 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043562.D

Acq: 28 Oct 2024 14:04

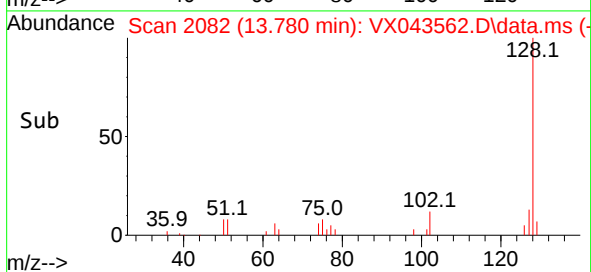
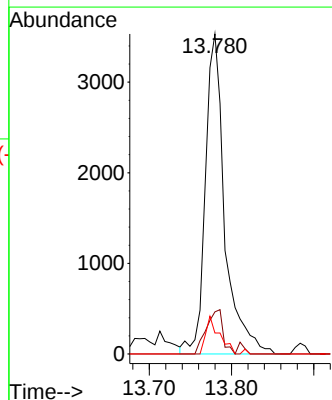
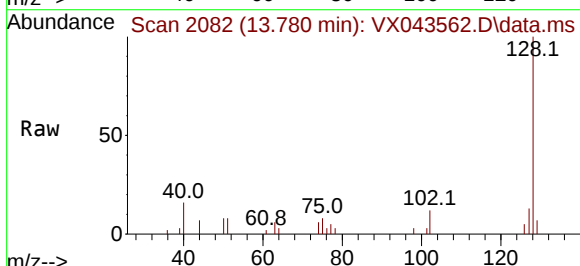
Tgt Ion:128 Resp: 5803

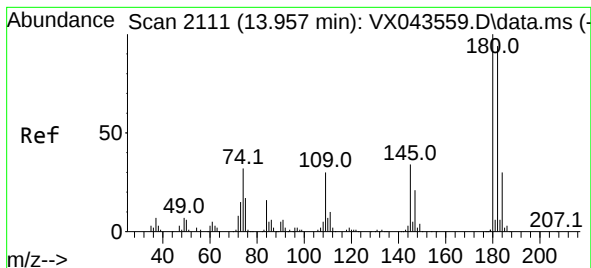
Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

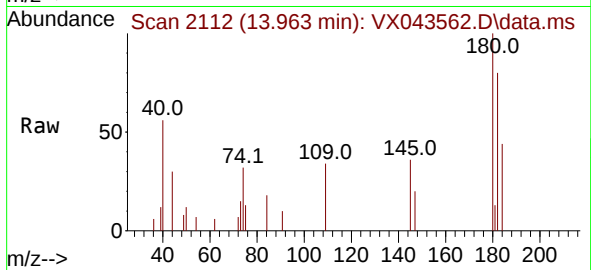
129 8.2 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.518 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX043562.D
 Acq: 28 Oct 2024 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	1239
Ion	Ratio	Lower	Upper
180	100		
182	104.6	47.1	141.3
145	44.4	17.4	52.3

