

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035606.D
 Acq On : 11 May 2023 13:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 11 14:00:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189187	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	343090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155982	47.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.385	113	115061	49.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.460%
50) Toluene-d8	8.647	98	415032	48.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	178003	51.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	887	0.360	ug/l	84
3) Chloromethane	1.294	50	1429	0.478	ug/l	# 88
4) Vinyl Chloride	1.374	62	702	0.276	ug/l	95
5) Bromomethane	1.617	94	870	0.633	ug/l	# 79
7) Trichlorofluoromethane	1.892	101	1011	0.271	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	752	0.339	ug/l	# 84
10) Methyl Iodide	2.459	142	834	0.421	ug/l	# 94
11) Tert butyl alcohol	3.001	59	538	0.924	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	636	0.302	ug/l	# 71
13) Acrolein	2.239	56	1090	1.577	ug/l	# 37
14) Allyl chloride	2.660	41	1077	0.239	ug/l	# 80
15) Acrylonitrile	3.068	53	1610	1.256	ug/l	97
16) Acetone	2.392	43	1822	1.284	ug/l	# 79
17) Carbon Disulfide	2.514	76	7894	1.553	ug/l	# 90
18) Methyl Acetate	2.709	43	1147	0.219	ug/l	# 64
20) Methylene Chloride	2.788	84	1393	0.542	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	1447	0.627	ug/l	91
23) Vinyl Acetate	3.721	43	2459	0.393	ug/l	# 92
25) 2-Butanone	4.580	43	1068	0.544	ug/l	# 90
27) cis-1,2-Dichloroethene	4.483	96	736	0.265	ug/l	91
29) Tetrahydrofuran	5.032	42	627	0.508	ug/l	# 36
31) Cyclohexane	5.470	56	1174	0.282	ug/l	# 74
36) 1,1-Dichloropropene	5.684	75	1638	0.448	ug/l	95
38) Carbon Tetrachloride	5.544	117	22064	6.377	ug/l	# 16
39) Methylcyclohexane	7.379	83	1504	0.350	ug/l	91
44) Trichloroethene	7.123	130	991	0.383	ug/l	73
46) Dibromomethane	7.592	93	520	0.281	ug/l	# 71
49) 1,4-Dioxane	7.702	88	468	8.435	ug/l	# 57
53) t-1,3-Dichloropropene	8.982	75	916	0.235	ug/l	# 88
58) 2-Chloroethyl Vinyl ether	8.244	63	804	0.385	ug/l	92
59) 2-Hexanone	9.433	43	932	0.323	ug/l	93
64) Tetrachloroethene	9.275	164	866	0.409	ug/l	# 82
65) Chlorobenzene	10.079	112	1613	0.235	ug/l	95
67) Ethyl Benzene	10.195	91	2759	0.213	ug/l	90
68) m/p-Xylenes	10.305	106	2026	0.424	ug/l	87
70) Styrene	10.652	104	1681	0.220	ug/l	98

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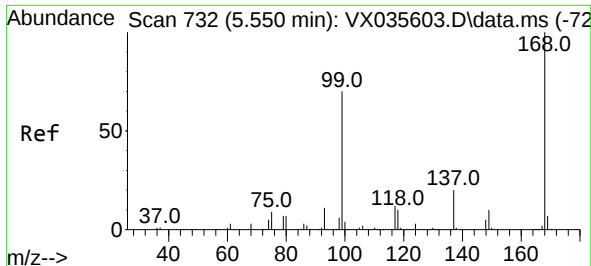
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 11 14:00:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

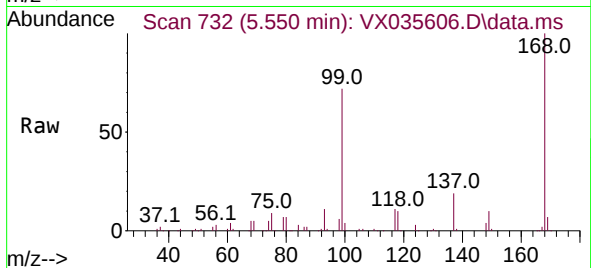
73) Isopropylbenzene	10.963	105	2648	0.213	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	94622	26.166	ug/l #	34
77) Bromobenzene	11.195	156	685	0.242	ug/l	82
78) n-propylbenzene	11.305	91	5286	0.361	ug/l	93
79) 2-Chlorotoluene	11.366	91	2536	0.277	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	2803	0.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	94622	84.329	ug/l #	8
82) 4-Chlorotoluene	11.451	91	4422	0.419	ug/l	100
83) tert-Butylbenzene	11.713	119	2566	0.249	ug/l	83
84) 1,2,4-Trimethylbenzene	11.750	105	3199	0.301	ug/l	100
85) sec-Butylbenzene	11.890	105	4993	0.386	ug/l	97
86) p-Isopropyltoluene	12.006	119	3945	0.371	ug/l #	81
87) 1,3-Dichlorobenzene	11.969	146	2651	0.494	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2651	0.489	ug/l	96
89) n-Butylbenzene	12.329	91	5934	0.614	ug/l	97
90) Hexachloroethane	12.536	117	430	0.267	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	1820	0.346	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	3941	1.244	ug/l	94
94) Hexachlorobutadiene	13.725	225	3340	2.657	ug/l	97
95) Naphthalene	13.774	128	11017	1.016	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4011	1.288	ug/l	94

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

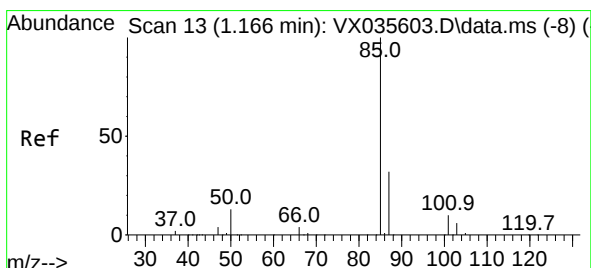
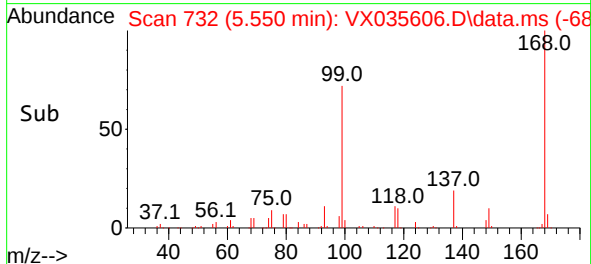
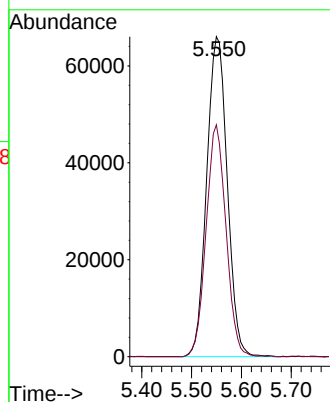


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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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MSVOA_X
ClientSampleId :
IBLK

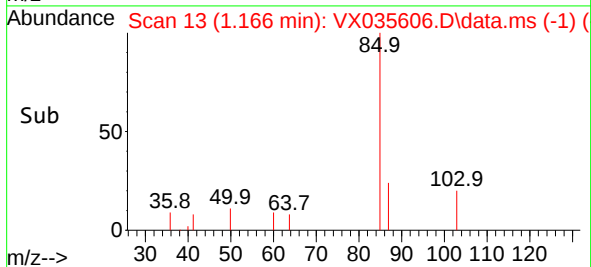
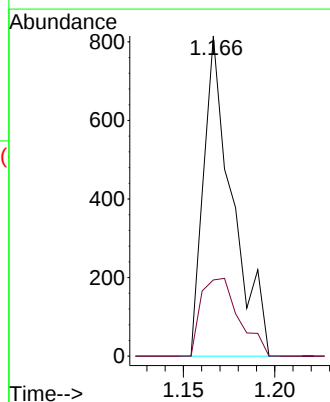
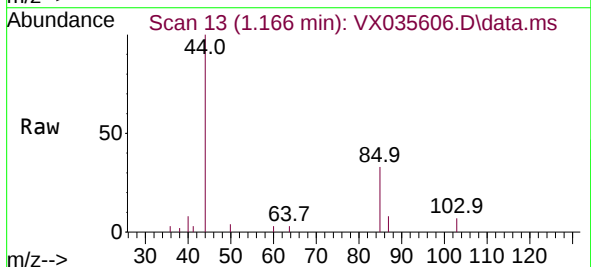


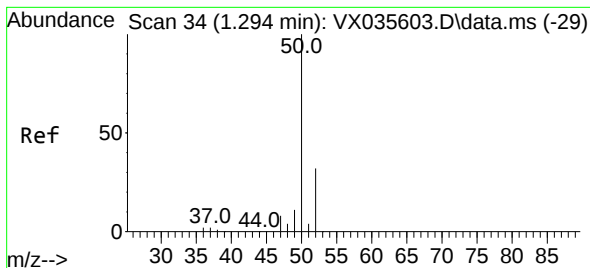
Tgt Ion:168 Resp: 189187
Ion Ratio Lower Upper
168 100
99 72.5 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 0.360 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 85 Resp: 887
Ion Ratio Lower Upper
85 100
87 23.8 16.4 49.1

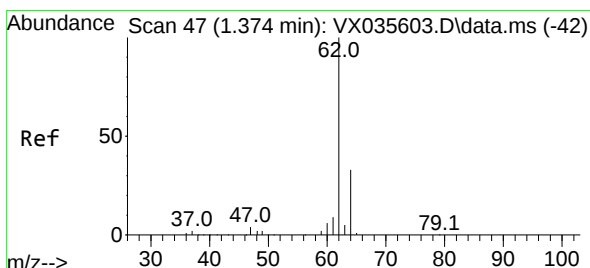
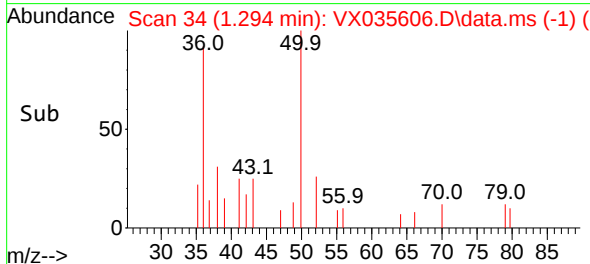
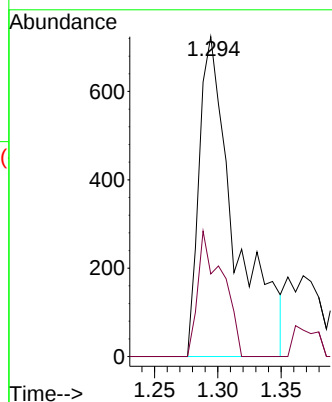
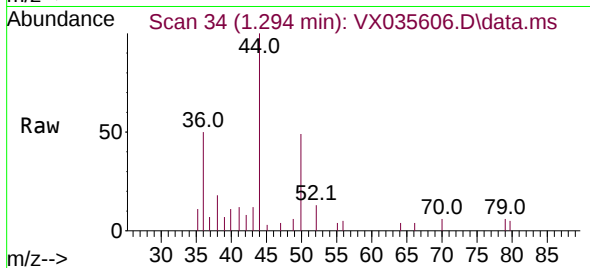




#3
Chloromethane
Concen: 0.478 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

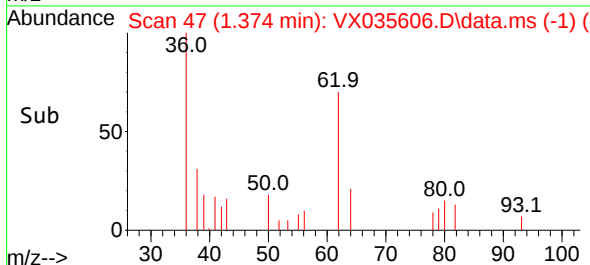
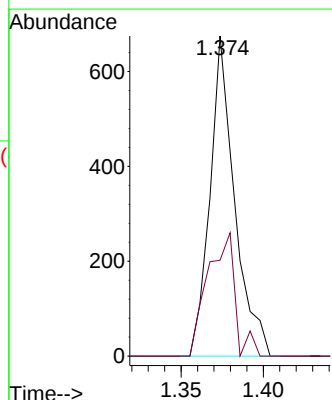
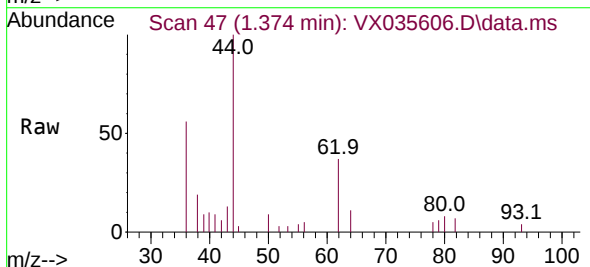
Instrument :
MSVOA_X
ClientSampleId :
IBLK

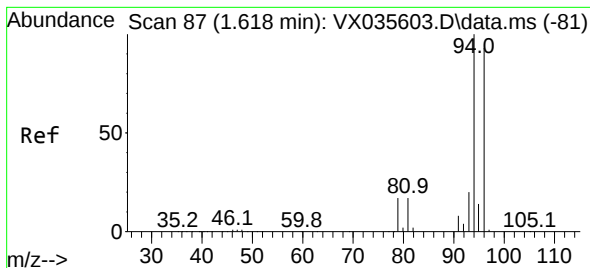
Tgt Ion: 50 Resp: 1429
Ion Ratio Lower Upper
50 100
52 25.8 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.276 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 62 Resp: 702
Ion Ratio Lower Upper
62 100
64 29.9 26.4 39.6

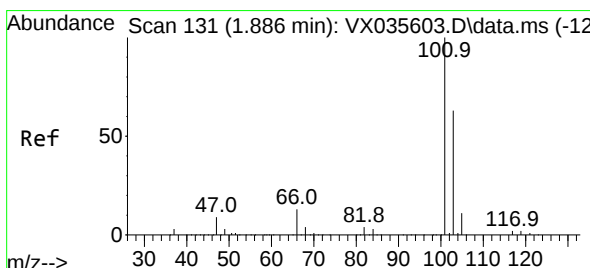
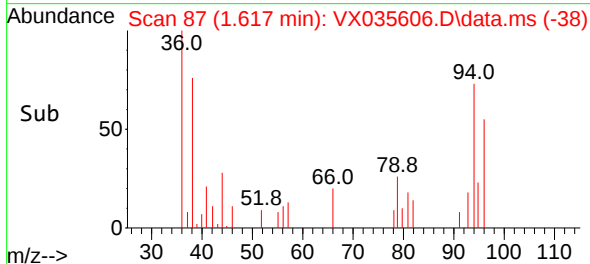
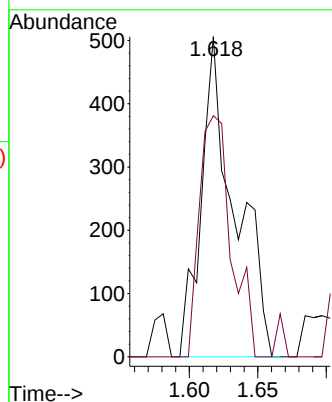
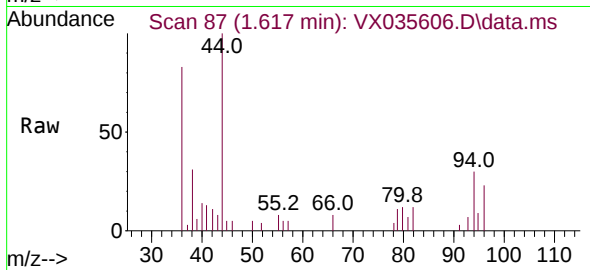




#5
 Bromomethane
 Concen: 0.633 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: VX035606.D
 Acq: 11 May 2023 13:20

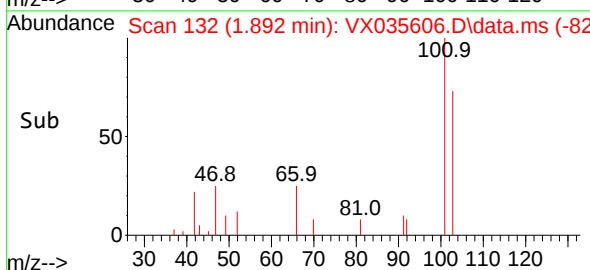
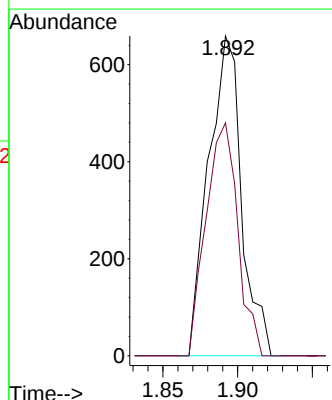
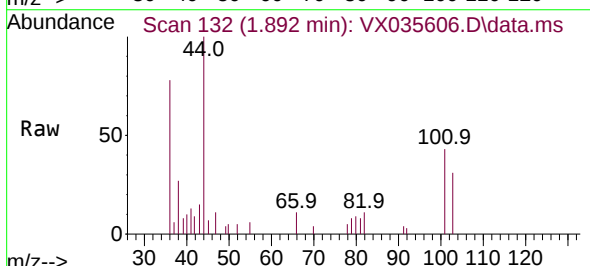
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

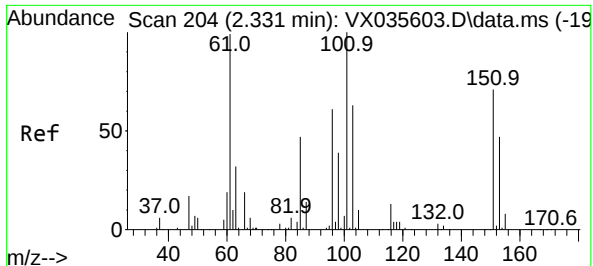
Tgt Ion: 94 Resp: 870
 Ion Ratio Lower Upper
 94 100
 96 75.3 77.0 115.6#



#7
 Trichlorofluoromethane
 Concen: 0.271 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.006 min
 Lab File: VX035606.D
 Acq: 11 May 2023 13:20

Tgt Ion: 101 Resp: 1011
 Ion Ratio Lower Upper
 101 100
 103 72.8 52.0 78.0

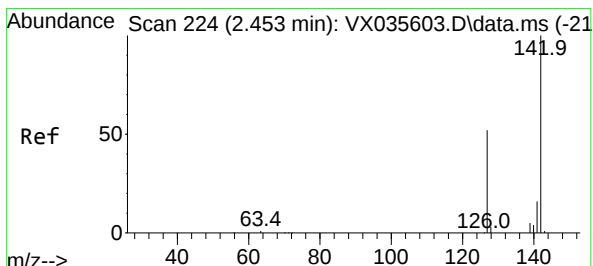
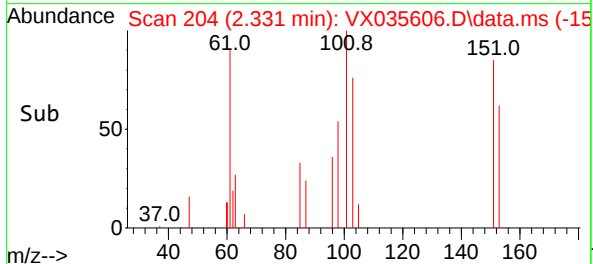
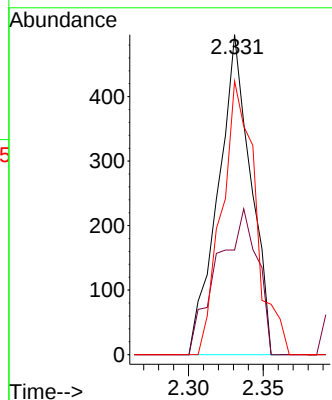
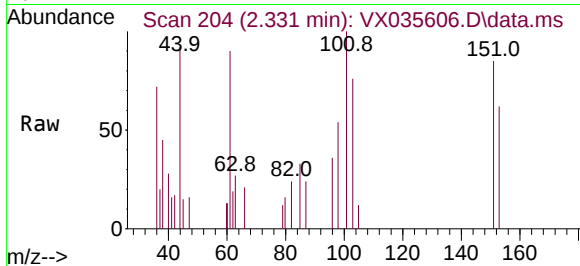




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.339 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

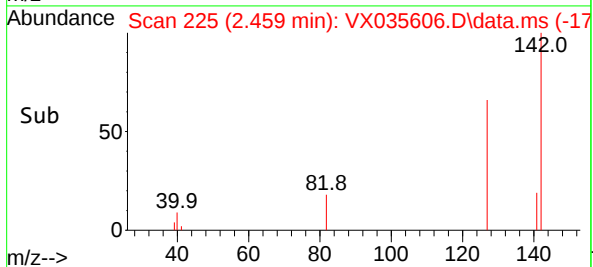
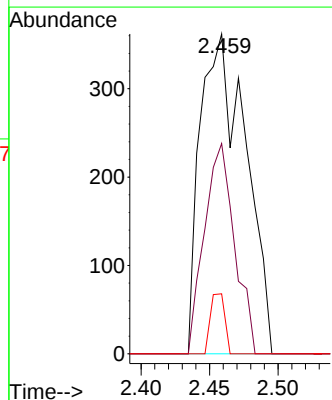
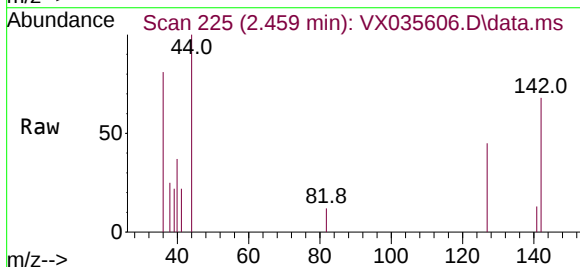
Instrument :
MSVOA_X
ClientSampleId :
IBLK

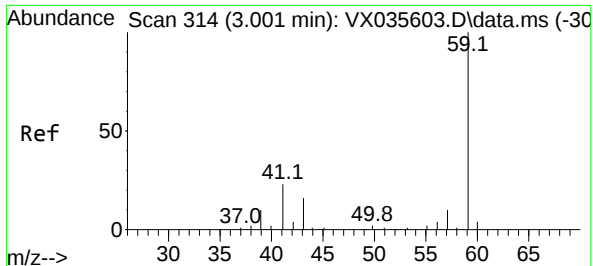
Tgt Ion:101 Resp: 752
Ion Ratio Lower Upper
101 100
85 55.9 35.4 53.2#
151 88.3 60.2 90.4



#10
Methyl Iodide
Concen: 0.421 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion:142 Resp: 834
Ion Ratio Lower Upper
142 100
127 43.8 34.0 51.0
141 5.9 11.1 16.7#





#11

Tert butyl alcohol

Concen: 0.924 ug/l

RT: 3.001 min Scan# 314

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

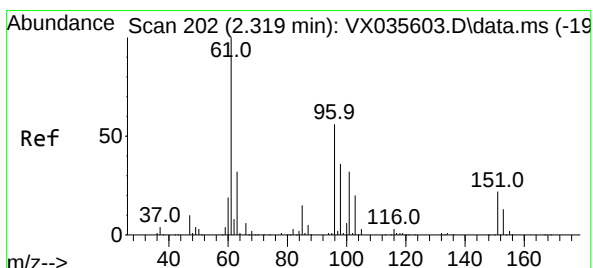
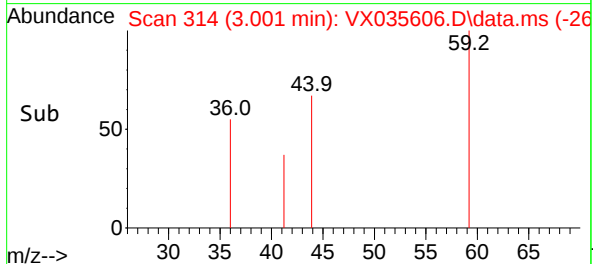
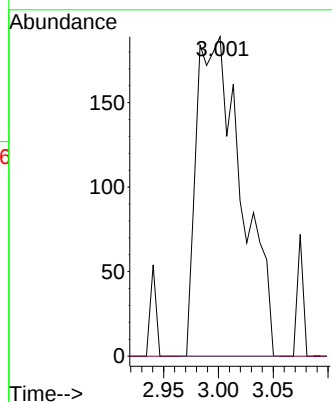
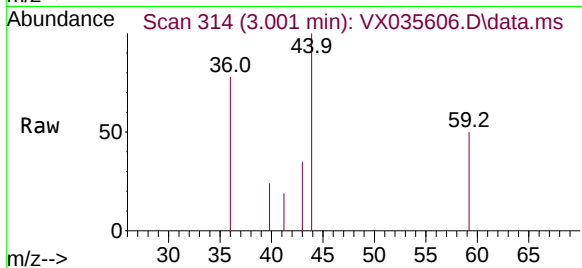
IBLK

Tgt Ion: 59 Resp: 538

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 0.302 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

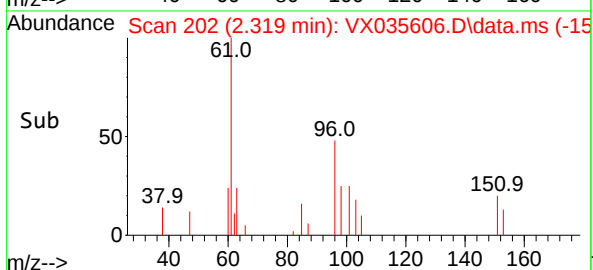
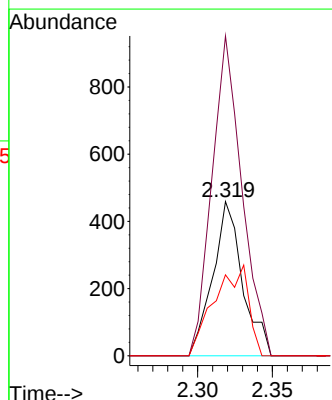
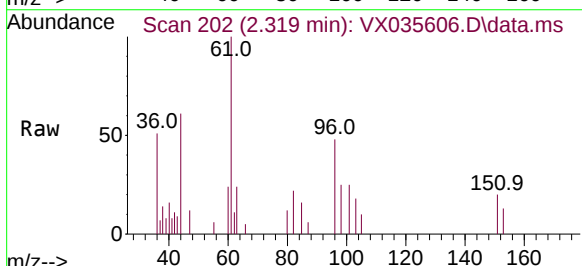
Tgt Ion: 96 Resp: 636

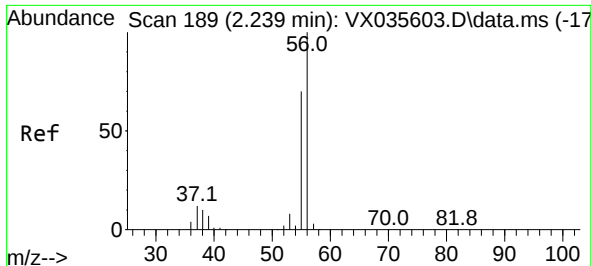
Ion Ratio Lower Upper

96 100

61 207.4 128.8 193.2#

98 52.5 51.4 77.0





#13

Acrolein

Concen: 1.577 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

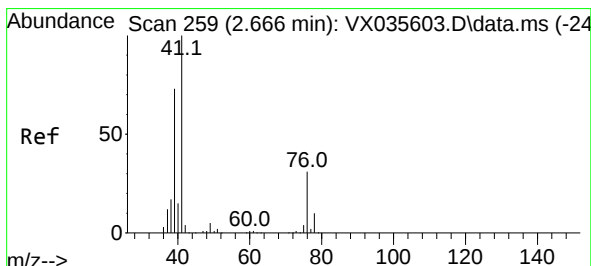
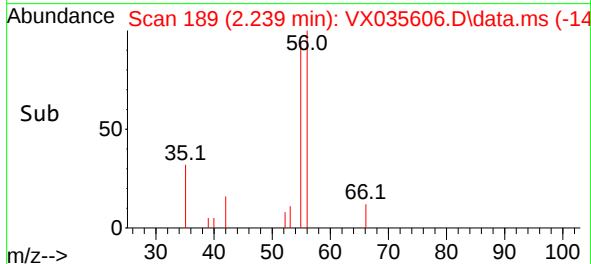
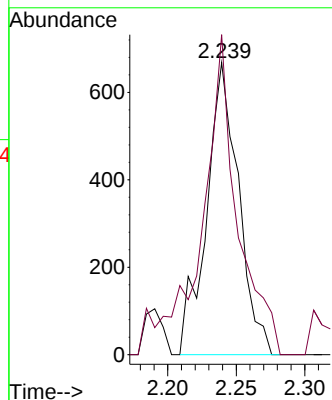
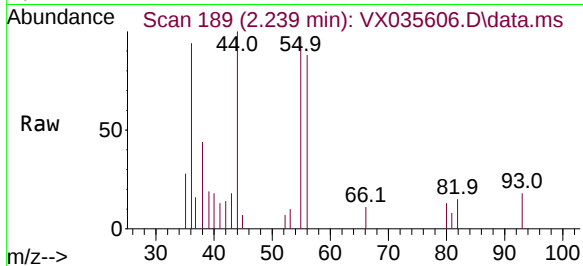
IBLK

Tgt Ion: 56 Resp: 1090

Ion Ratio Lower Upper

56 100

55 122.7 56.6 85.0#



#14

Allyl chloride

Concen: 0.239 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

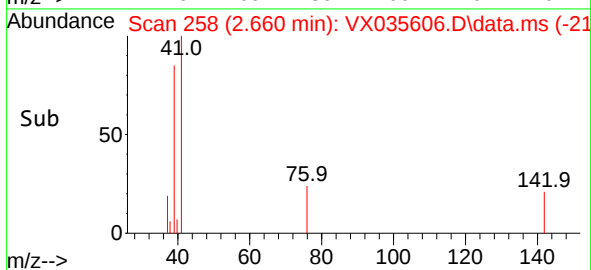
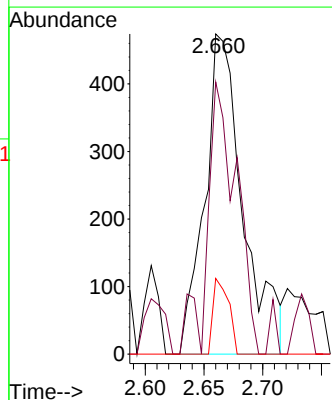
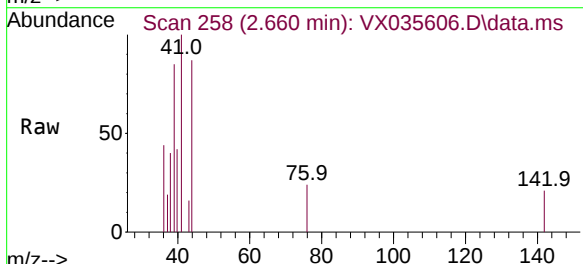
Tgt Ion: 41 Resp: 1077

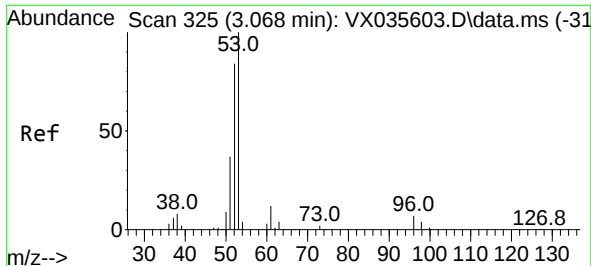
Ion Ratio Lower Upper

41 100

39 65.1 52.4 78.6

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 1.256 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

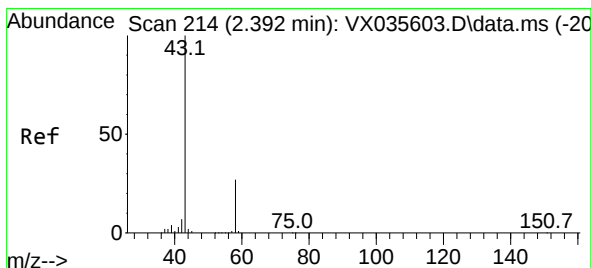
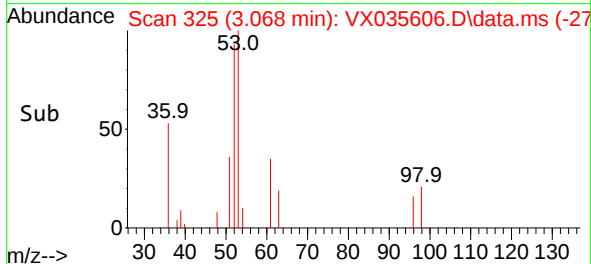
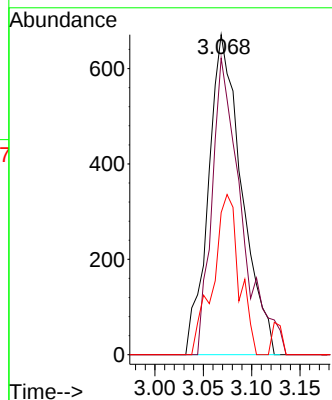
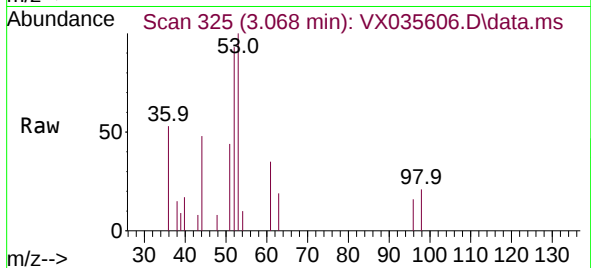
Tgt Ion: 53 Resp: 1610

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

51 39.4 28.3 42.5



#16

Acetone

Concen: 1.284 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035606.D

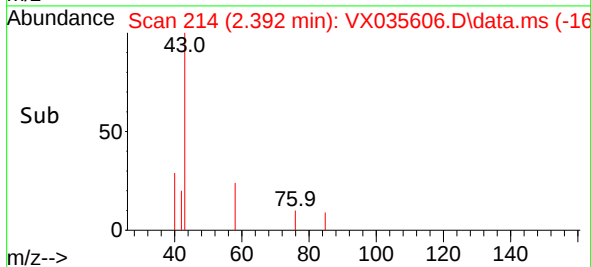
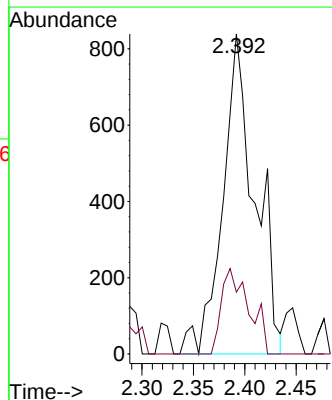
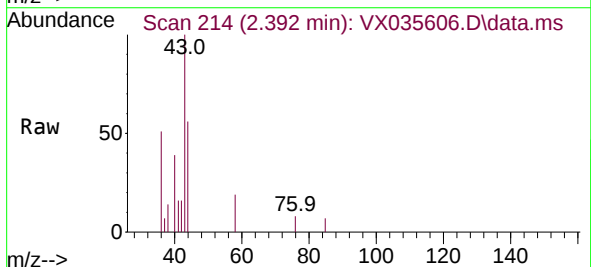
Acq: 11 May 2023 13:20

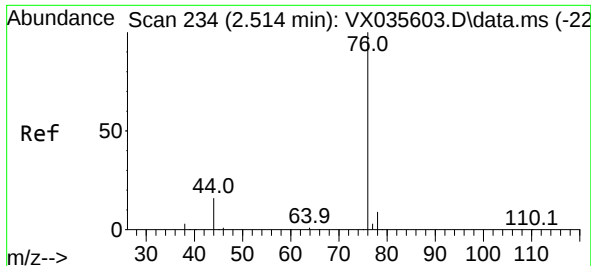
Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

43 100

58 19.3 24.7 37.1#





#17

Carbon Disulfide

Concen: 1.553 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

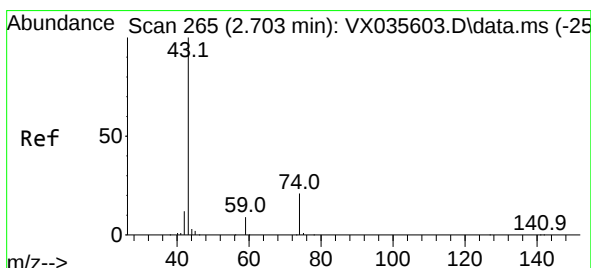
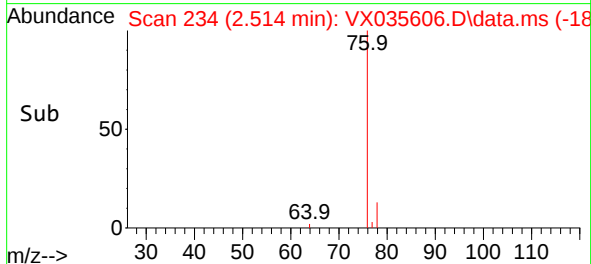
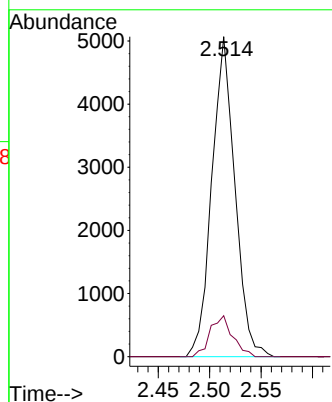
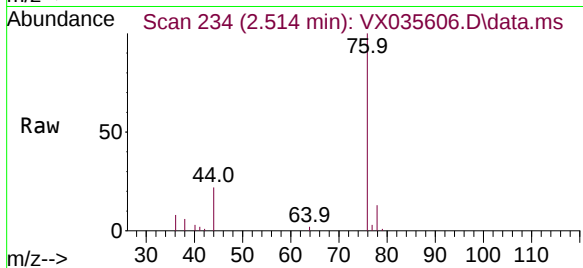
IBLK

Tgt Ion: 76 Resp: 7894

Ion Ratio Lower Upper

76 100

78 12.8 7.2 10.8#



#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX035606.D

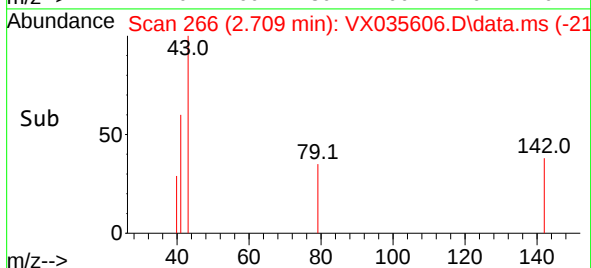
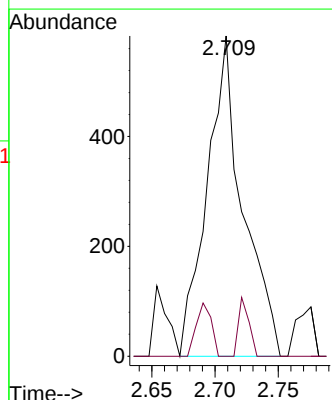
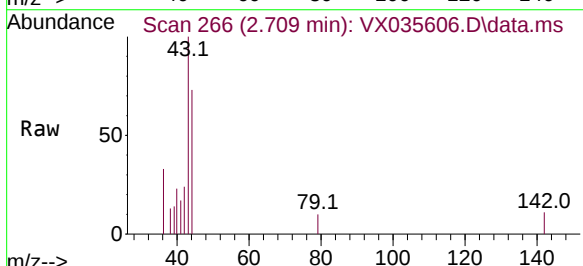
Acq: 11 May 2023 13:20

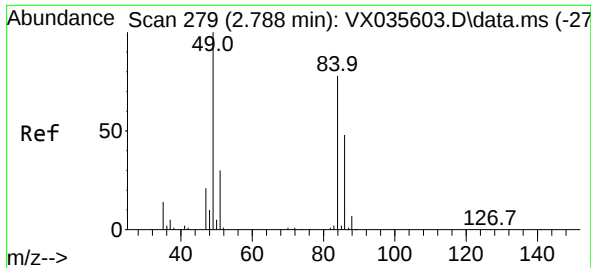
Tgt Ion: 43 Resp: 1147

Ion Ratio Lower Upper

43 100

74 5.3 18.3 27.5#





#20

Methylene Chloride

Concen: 0.542 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 1393

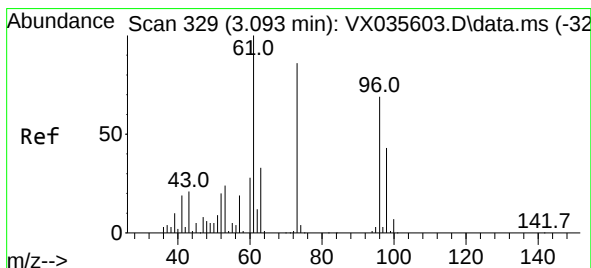
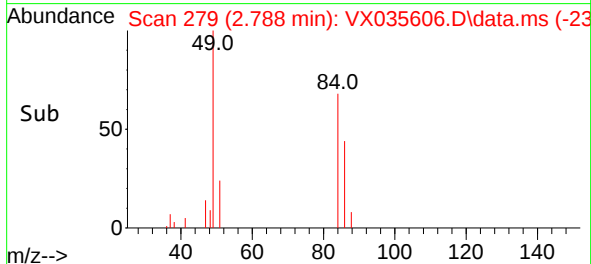
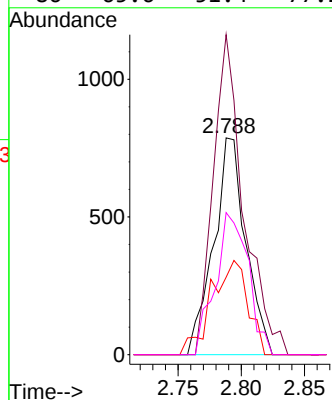
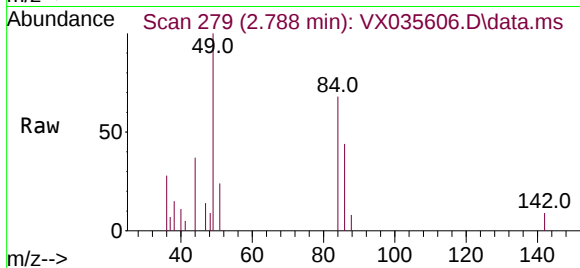
Ion Ratio Lower Upper

84 100

49 147.6 103.8 155.8

51 35.7 31.8 47.8

86 65.6 51.4 77.2



#21

trans-1,2-Dichloroethene

Concen: 0.627 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

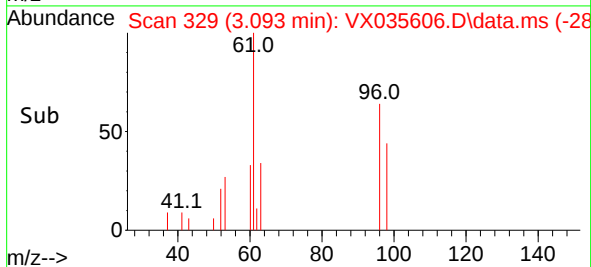
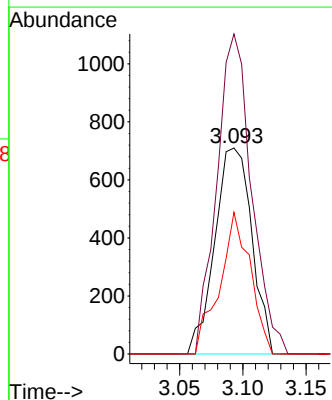
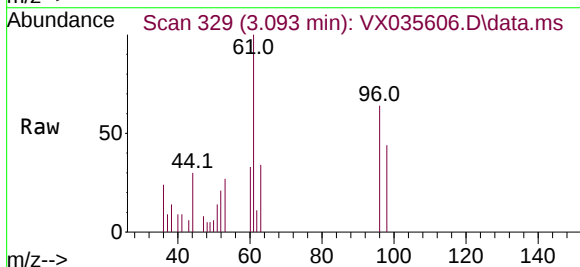
Tgt Ion: 96 Resp: 1447

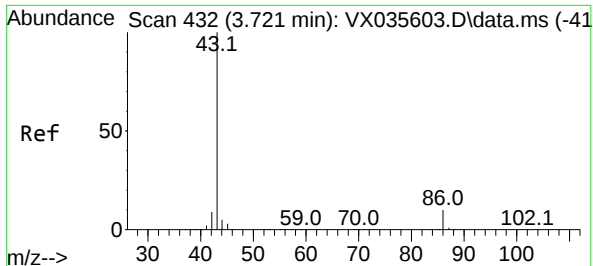
Ion Ratio Lower Upper

96 100

61 155.4 113.0 169.6

98 68.7 52.1 78.1

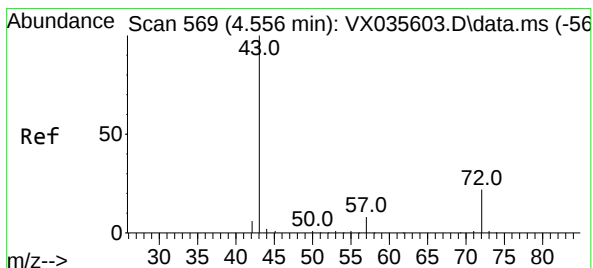
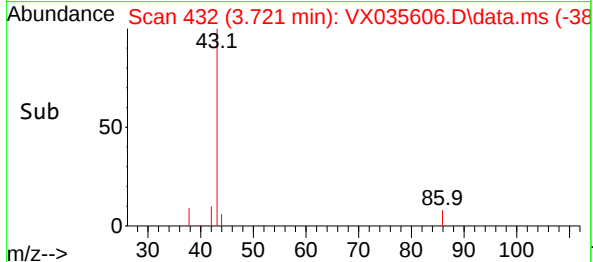
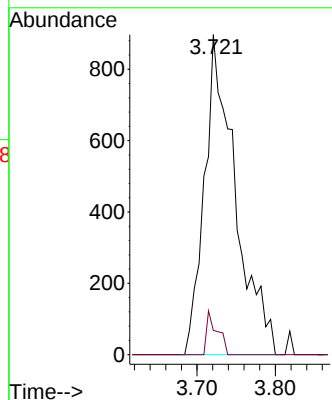
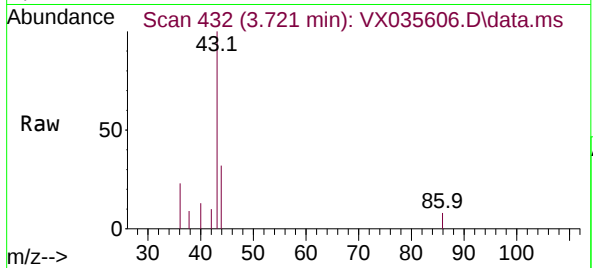




#23
 Vinyl Acetate
 Concen: 0.393 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035606.D
 Acq: 11 May 2023 13:20

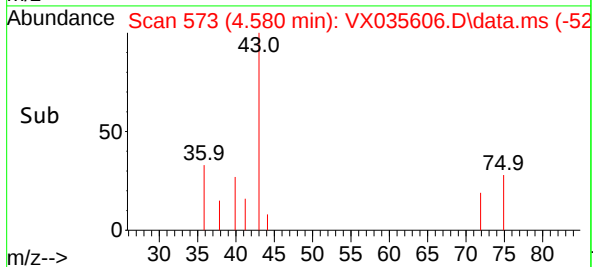
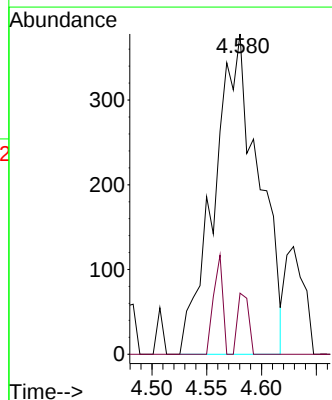
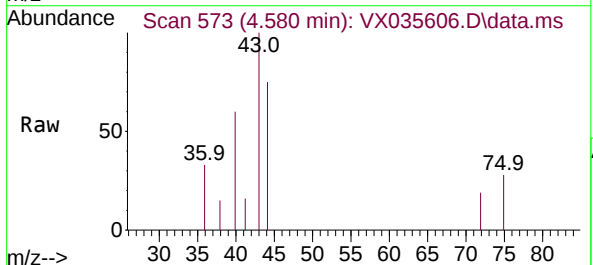
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

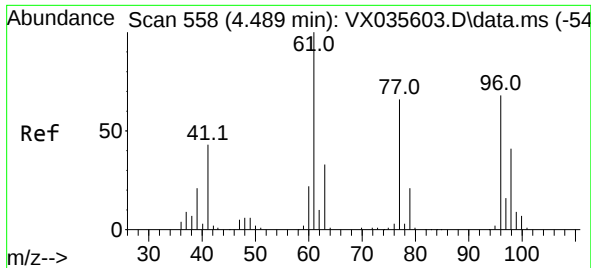
Tgt Ion: 43 Resp: 2459
 Ion Ratio Lower Upper
 43 100
 86 7.6 8.5 12.7#



#25
 2-Butanone
 Concen: 0.544 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.024 min
 Lab File: VX035606.D
 Acq: 11 May 2023 13:20

Tgt Ion: 43 Resp: 1068
 Ion Ratio Lower Upper
 43 100
 72 19.0 19.3 28.9#





#27

cis-1,2-Dichloroethene

Concen: 0.265 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

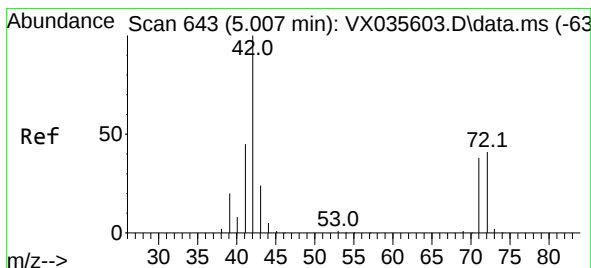
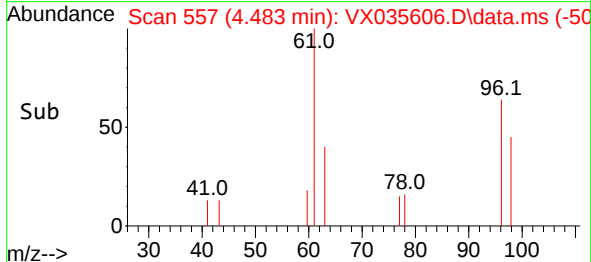
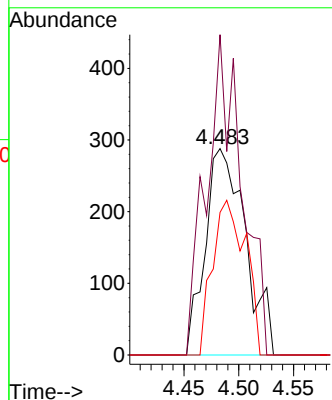
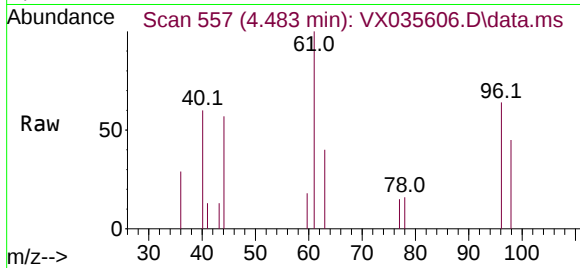
MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 96 Resp: 736

Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	300.4
98	61.7	0.0	129.0



#29

Tetrahydrofuran

Concen: 0.508 ug/l

RT: 5.032 min Scan# 647

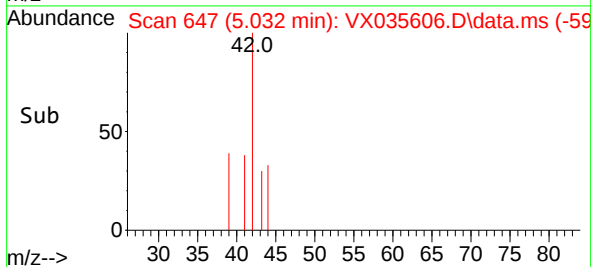
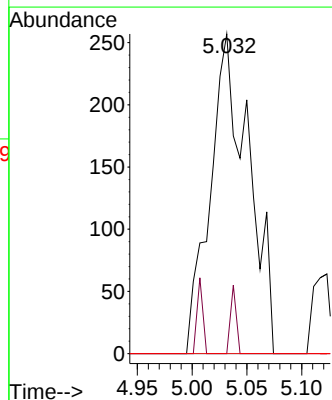
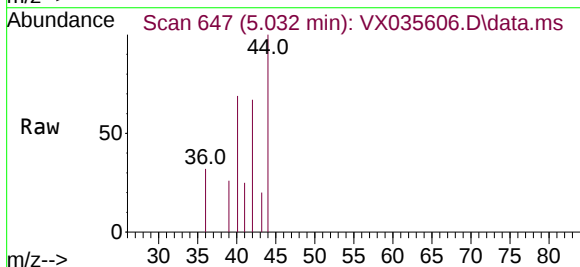
Delta R.T. 0.025 min

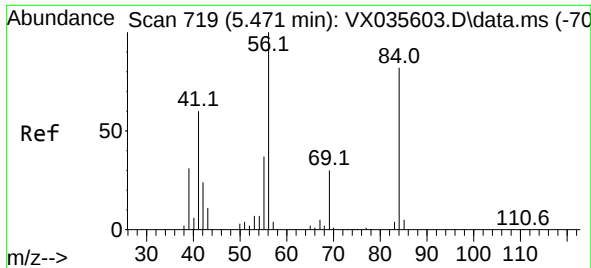
Lab File: VX035606.D

Acq: 11 May 2023 13:20

Tgt Ion: 42 Resp: 627

Ion	Ratio	Lower	Upper
42	100		
72	3.2	34.5	51.7#
71	0.0	32.1	48.1#

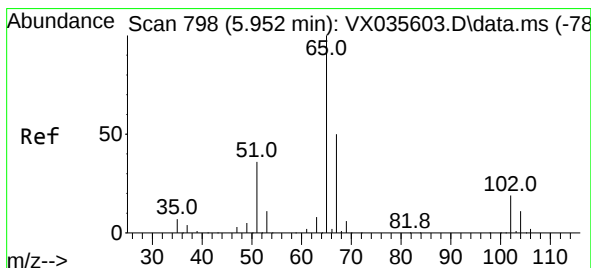
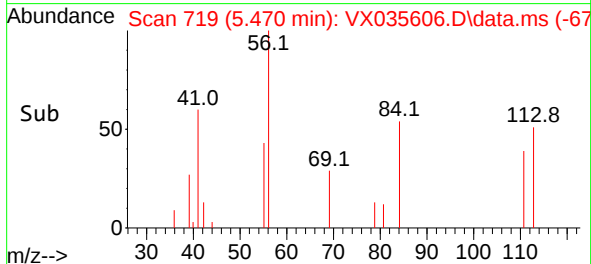
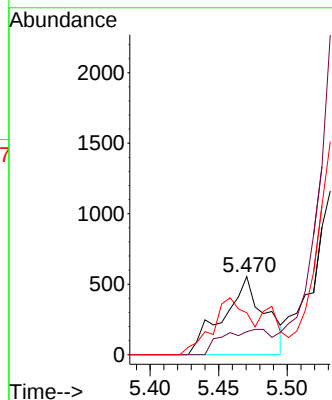
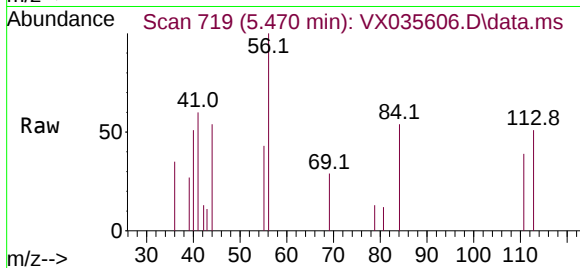




#31
Cyclohexane
Concen: 0.282 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

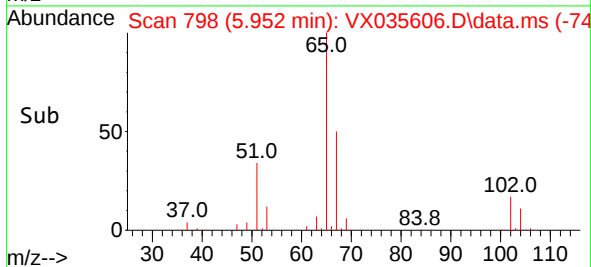
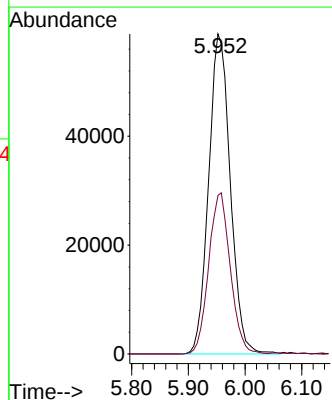
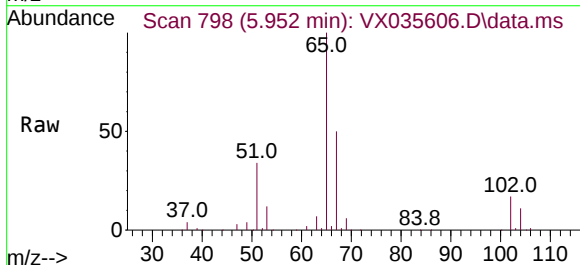
Instrument :
MSVOA_X
ClientSampleId :
IBLK

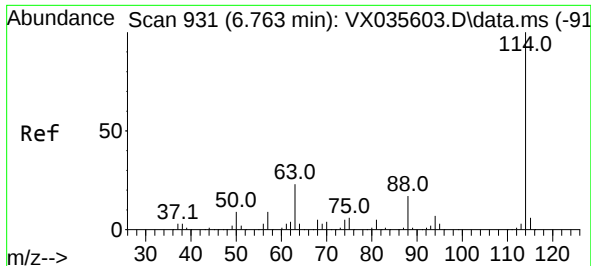
Tgt Ion: 56 Resp: 1174
Ion Ratio Lower Upper
56 100
69 29.4 23.7 35.5
84 53.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.261 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 65 Resp: 155982
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

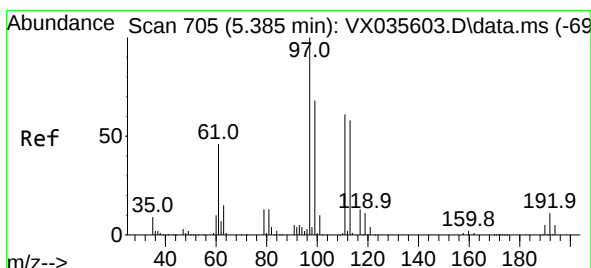
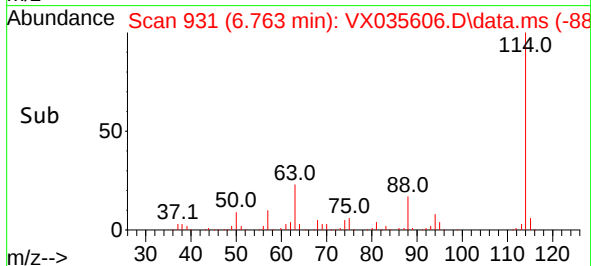
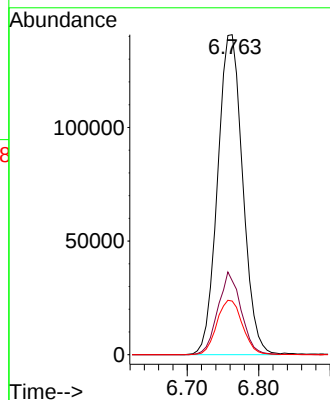
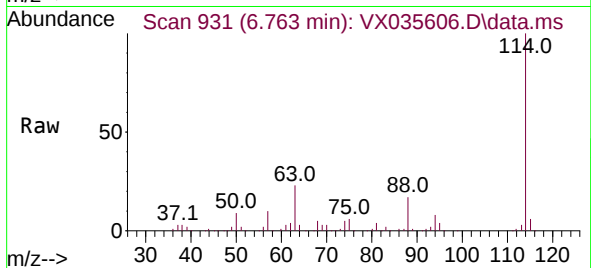
Tgt Ion:114 Resp: 343090

Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.728 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

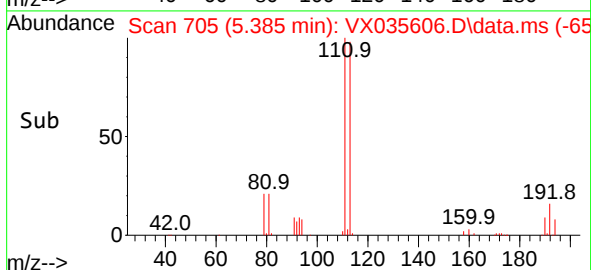
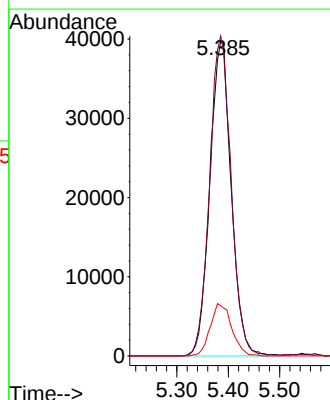
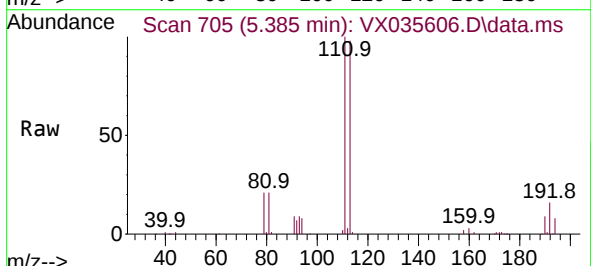
Tgt Ion:113 Resp: 115061

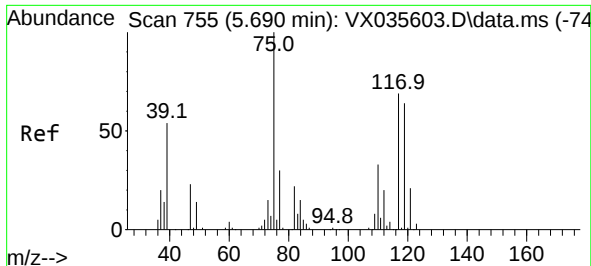
Ion Ratio Lower Upper

113 100

111 101.8 83.7 125.5

192 16.6 15.4 23.2





#36

1,1-Dichloropropene

Concen: 0.448 ug/l

RT: 5.684 min Scan# 711

Delta R.T. -0.006 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

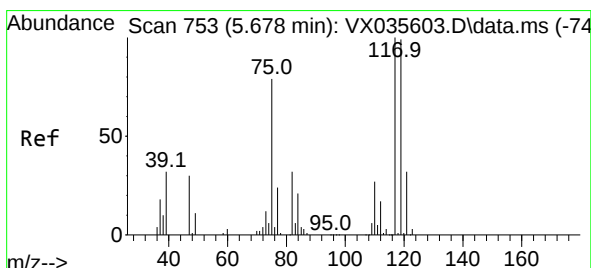
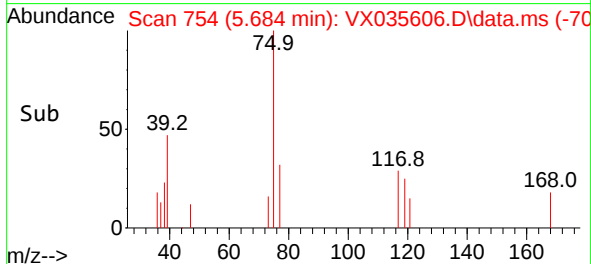
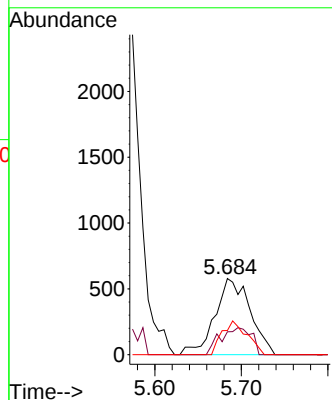
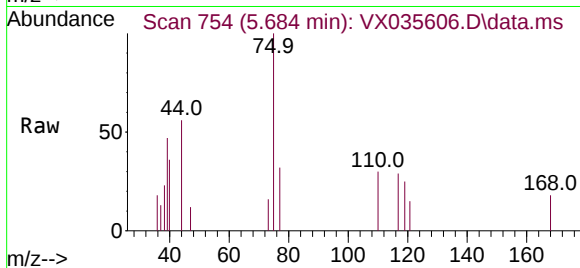
Tgt Ion: 75 Resp: 1638

Ion Ratio Lower Upper

75 100

110 31.0 17.5 52.5

77 31.4 24.3 36.5



#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

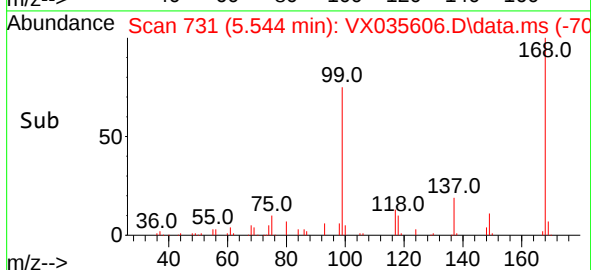
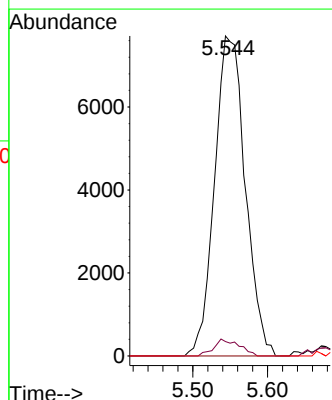
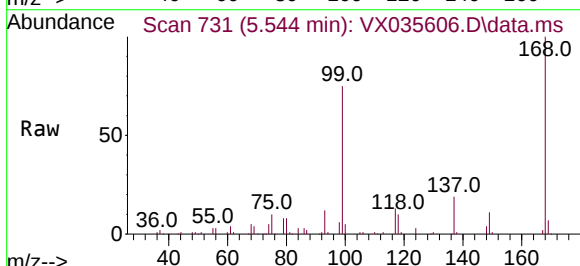
Tgt Ion: 117 Resp: 22064

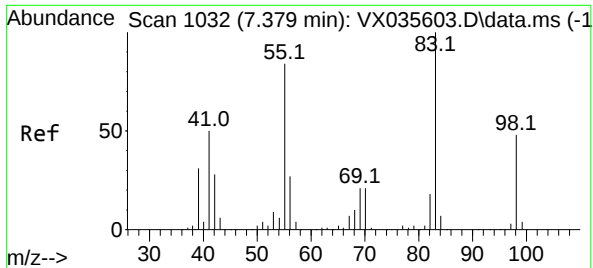
Ion Ratio Lower Upper

117 100

119 4.5 76.6 114.8#

121 0.0 23.8 35.6#

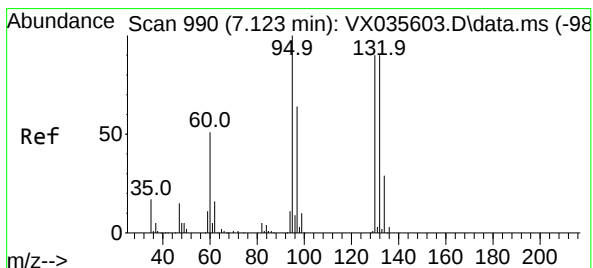
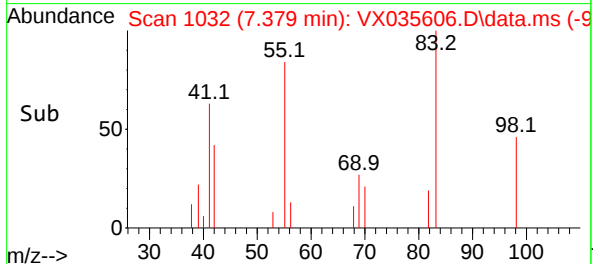
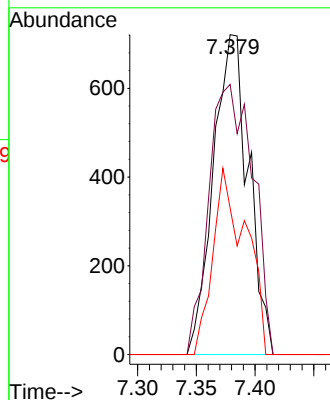
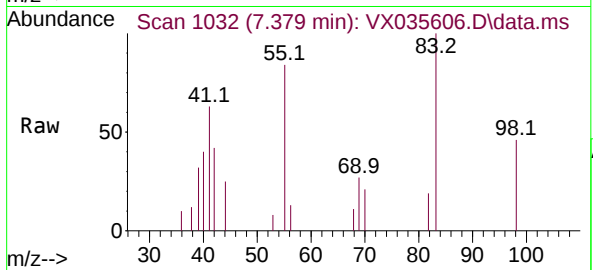




#39
Methylcyclohexane
Concen: 0.350 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

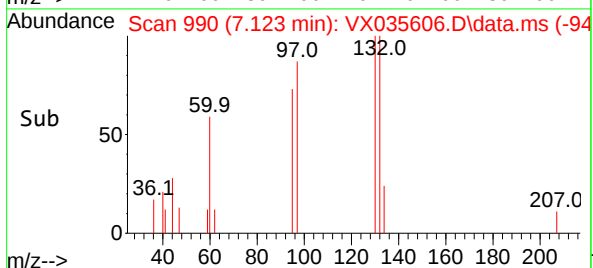
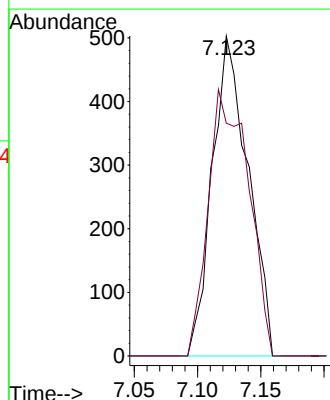
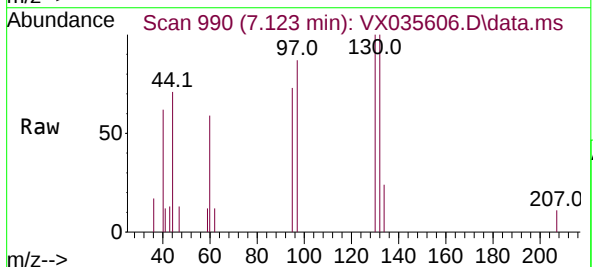
Instrument :
MSVOA_X
ClientSampleId :
IBLK

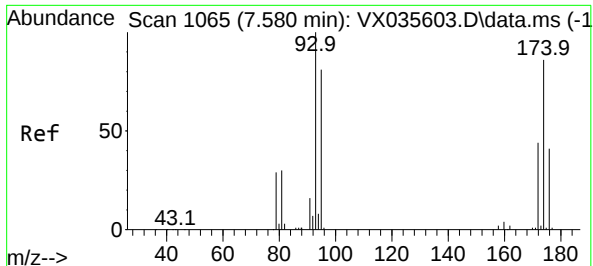
Tgt Ion: 83	Resp:	1504
Ion	Ratio	Lower Upper
83	100	
55	84.5	60.5 90.7
98	45.8	40.4 60.6



#44
Trichloroethene
Concen: 0.383 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 130	Resp:	991
Ion	Ratio	Lower Upper
130	100	
95	72.8	0.0 198.4

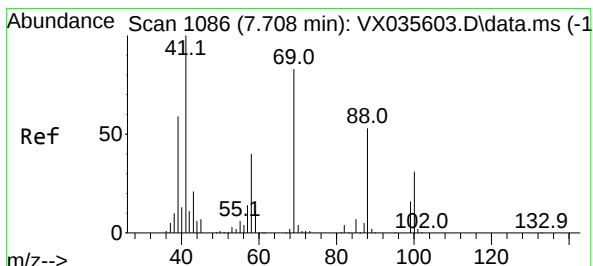
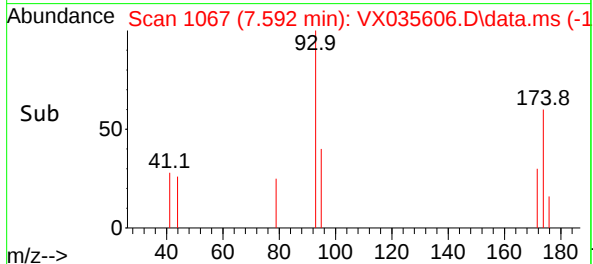
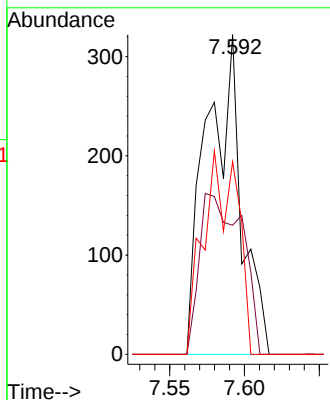
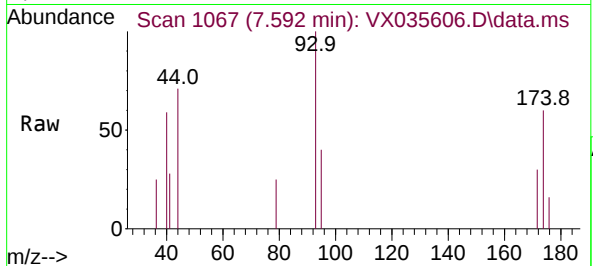




#46
Dibromomethane
Concen: 0.281 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

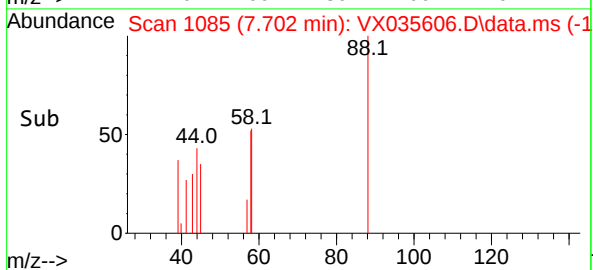
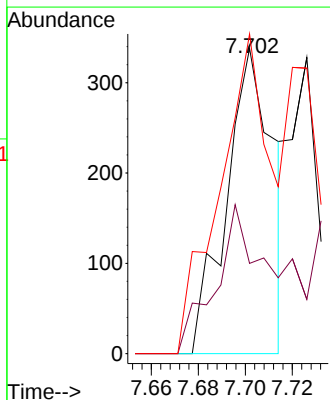
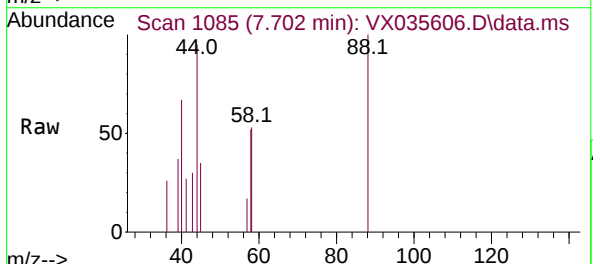
Instrument :
MSVOA_X
ClientSampleId :
IBLK

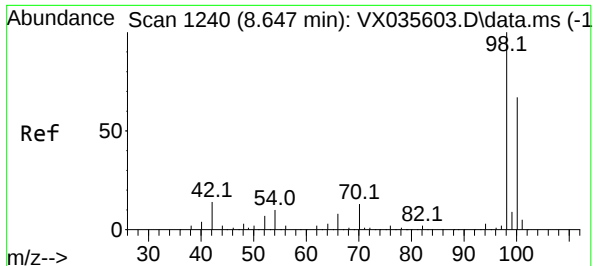
Tgt Ion: 93 Resp: 520
Ion Ratio Lower Upper
93 100
95 61.3 66.9 100.3#
174 61.9 75.4 113.0#



#49
1,4-Dioxane
Concen: 8.435 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
43 50.0 27.7 41.5#
58 112.6 56.8 85.2#





#50

Toluene-d8

Concen: 48.555 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

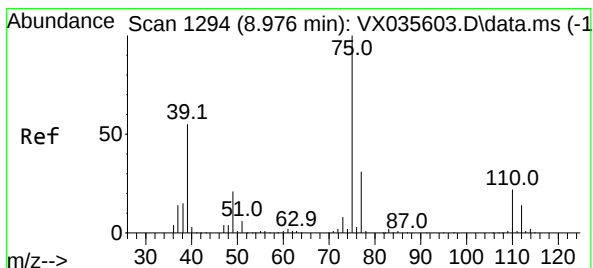
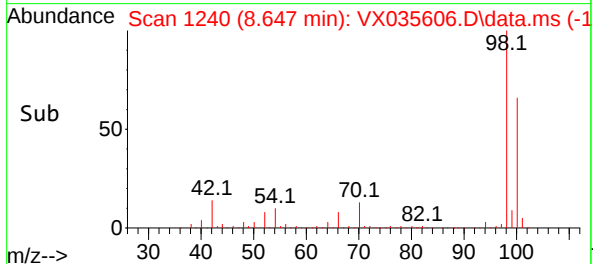
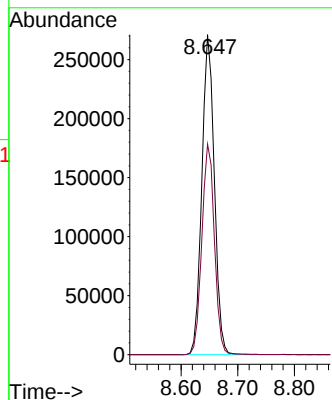
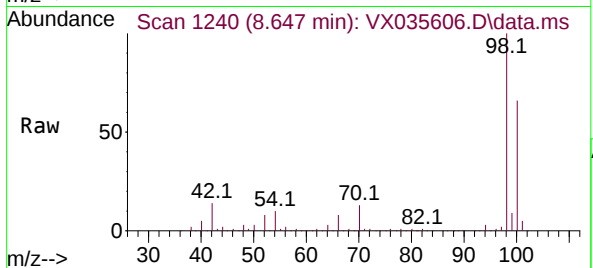
IBLK

Tgt Ion: 98 Resp: 415032

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#53

t-1,3-Dichloropropene

Concen: 0.235 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX035606.D

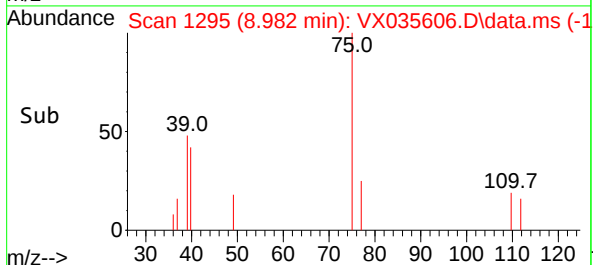
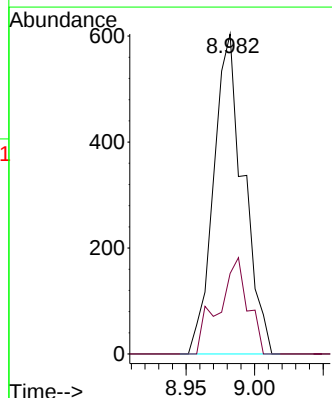
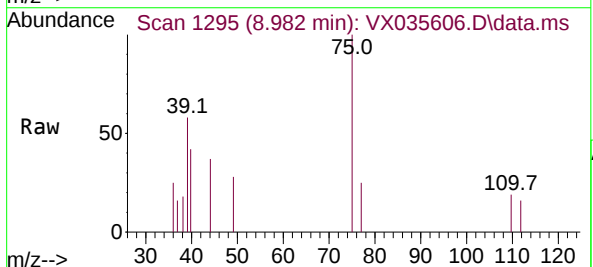
Acq: 11 May 2023 13:20

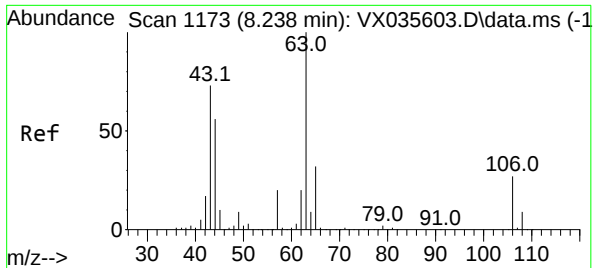
Tgt Ion: 75 Resp: 916

Ion Ratio Lower Upper

75 100

77 25.2 25.4 38.2#

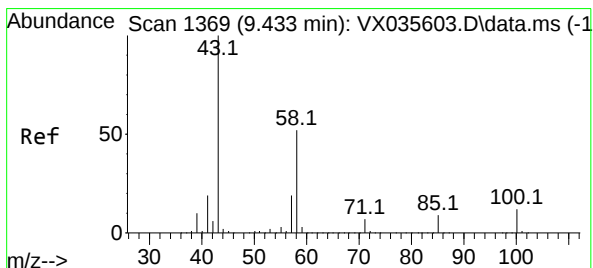
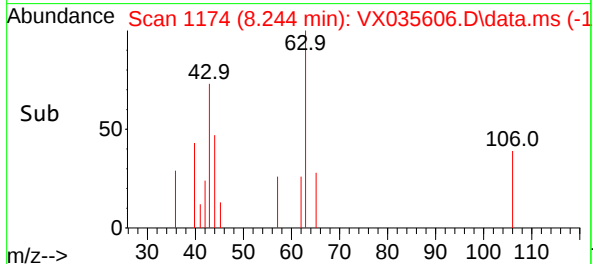
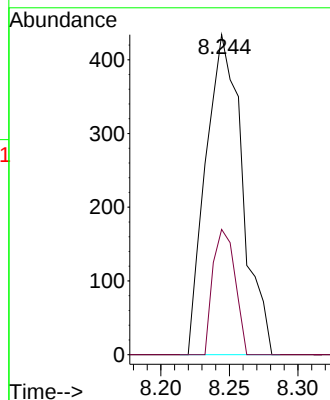
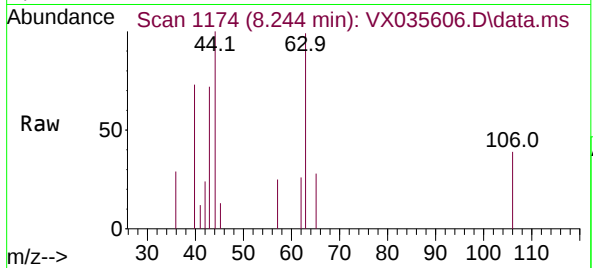




#58
2-Chloroethyl Vinyl ether
Concen: 0.385 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

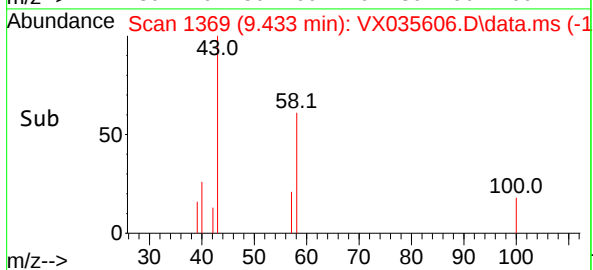
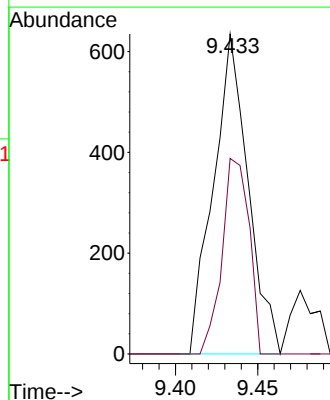
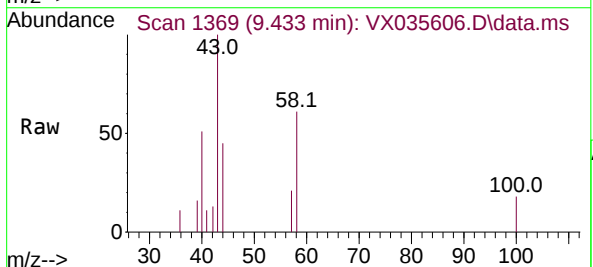
Instrument :
MSVOA_X
ClientSampleId :
IBLK

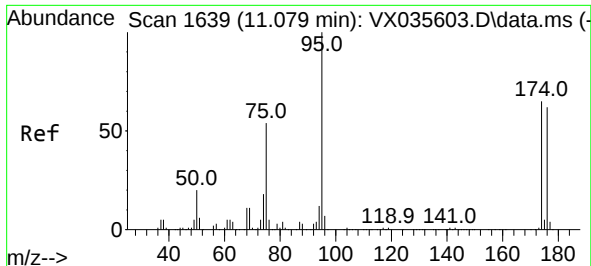
Tgt Ion: 63 Resp: 804
Ion Ratio Lower Upper
63 100
106 23.8 22.2 33.2



#59
2-Hexanone
Concen: 0.323 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 47.5 26.3 78.9





#62

4-Bromofluorobenzene

Concen: 51.720 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

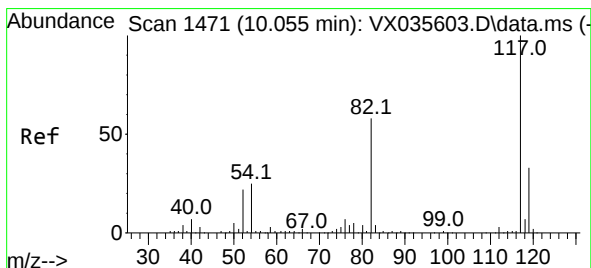
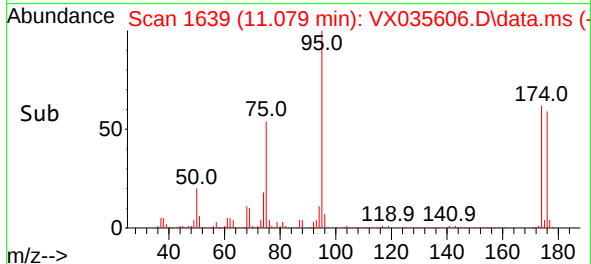
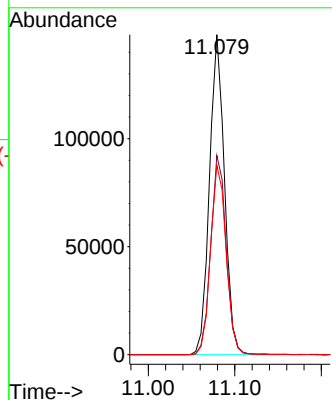
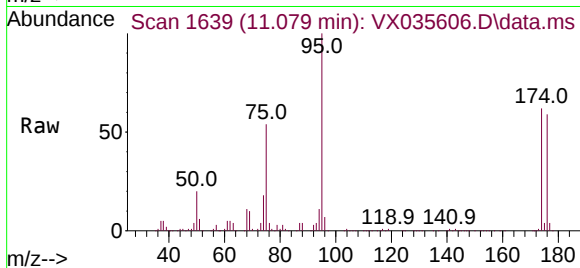
Tgt Ion: 95 Resp: 178003

Ion Ratio Lower Upper

95 100

174 64.0 0.0 147.4

176 61.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

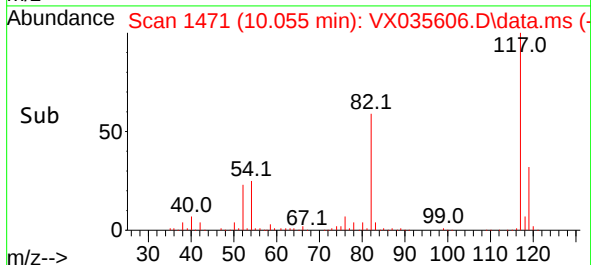
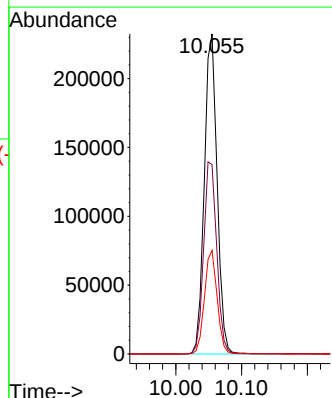
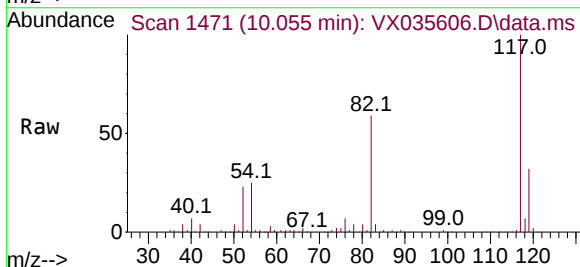
Tgt Ion: 117 Resp: 314775

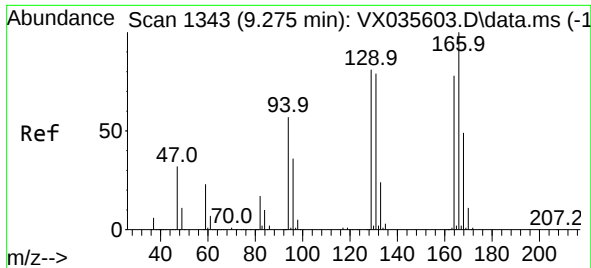
Ion Ratio Lower Upper

117 100

82 59.1 45.0 67.4

119 32.3 26.0 39.0



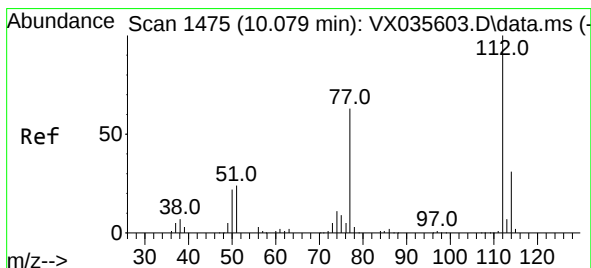
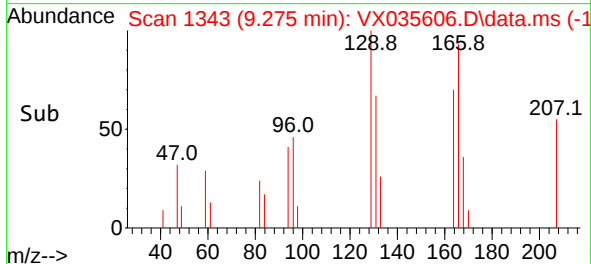
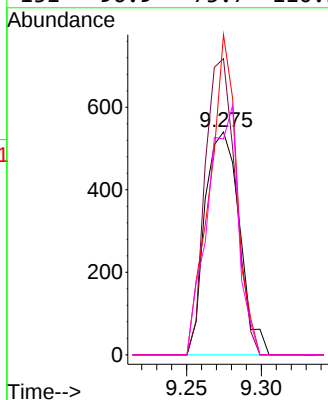
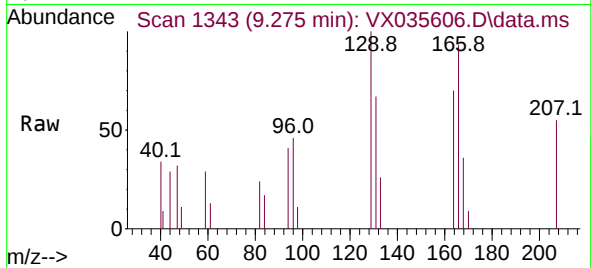


#64
Tetrachloroethene
Concen: 0.409 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 866

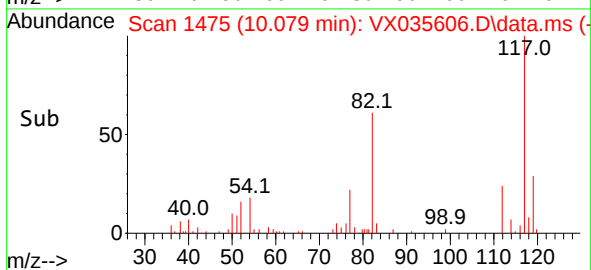
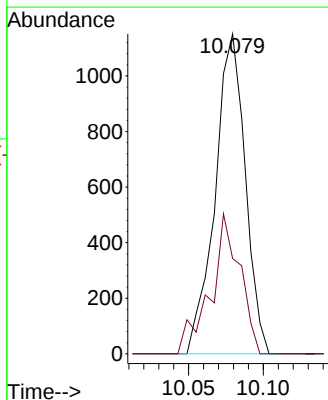
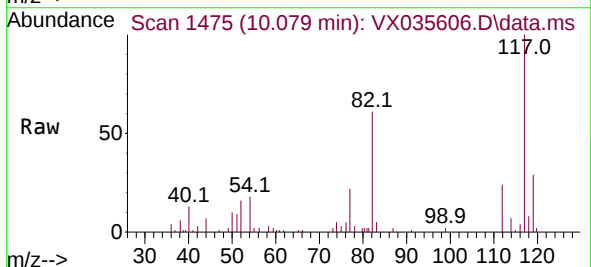
Ion	Ratio	Lower	Upper
164	100		
166	133.0	102.7	154.1
129	143.7	75.6	113.4#
131	96.9	73.7	110.5

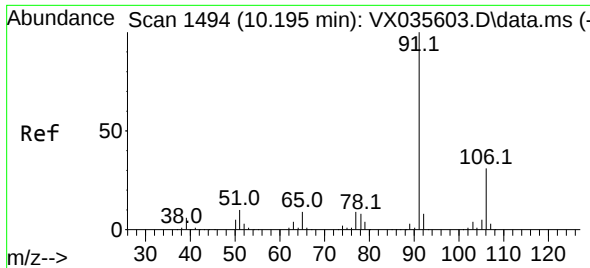


#65
Chlorobenzene
Concen: 0.235 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion:112 Resp: 1613

Ion	Ratio	Lower	Upper
112	100		
114	29.8	26.2	39.2

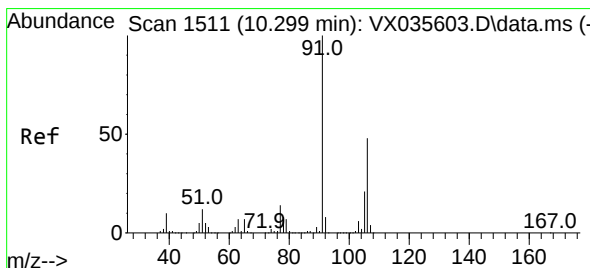
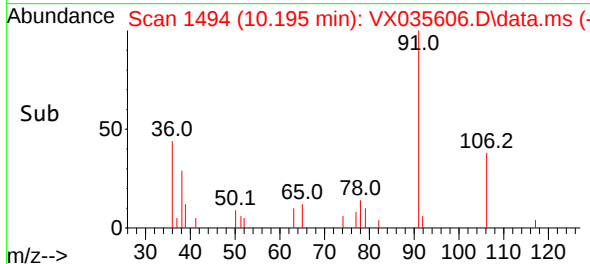
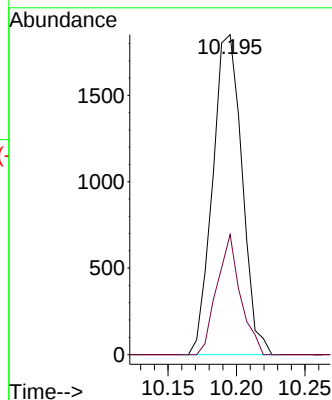
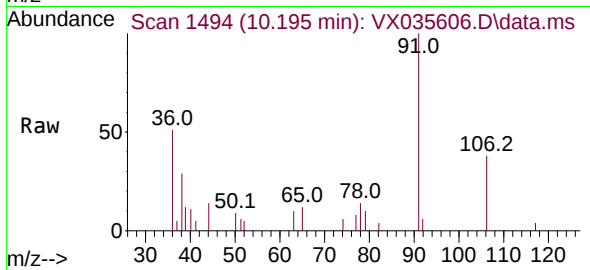




#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

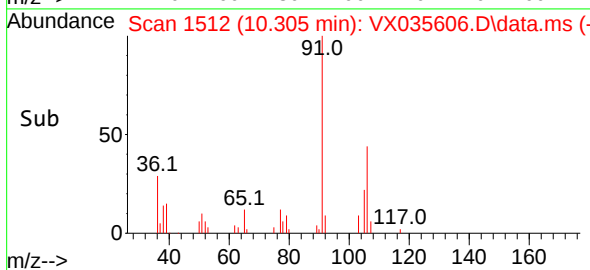
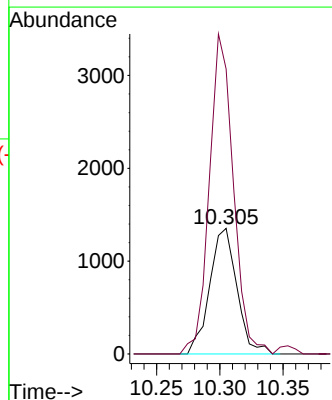
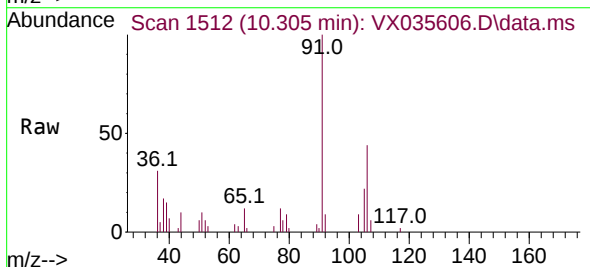
Instrument :
MSVOA_X
ClientSampleId :
IBLK

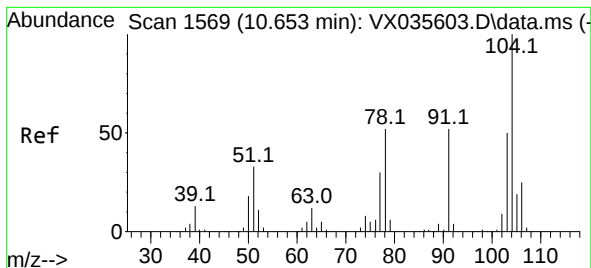
Tgt Ion: 91 Resp: 2759
Ion Ratio Lower Upper
91 100
106 37.5 25.6 38.4



#68
m/p-Xylenes
Concen: 0.424 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 106 Resp: 2026
Ion Ratio Lower Upper
106 100
91 225.1 164.0 246.0





#70

Styrene

Concen: 0.220 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

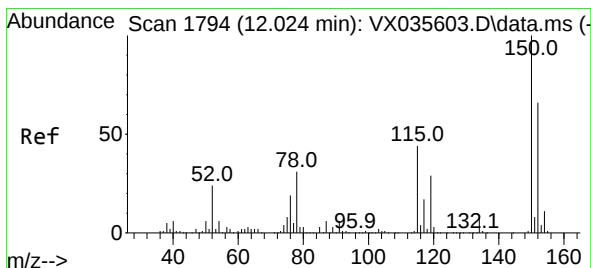
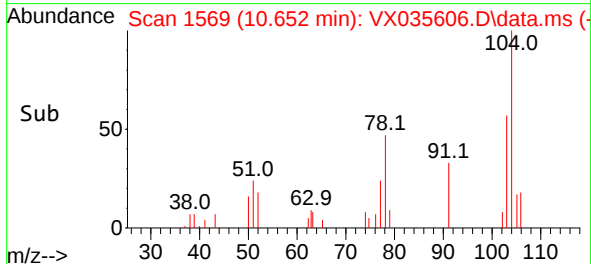
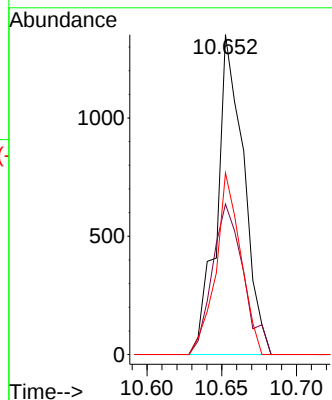
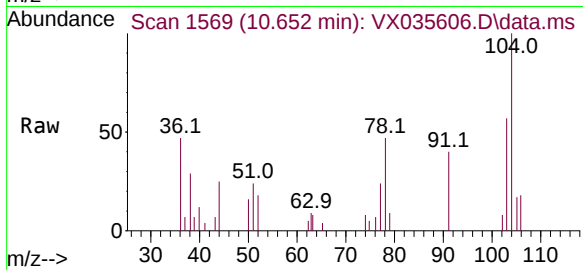
Tgt Ion:104 Resp: 1681

Ion Ratio Lower Upper

104 100

78 54.3 43.4 65.2

103 52.9 44.2 66.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

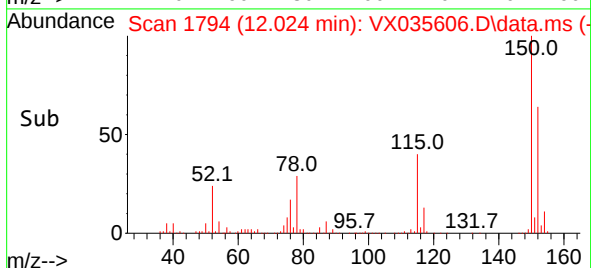
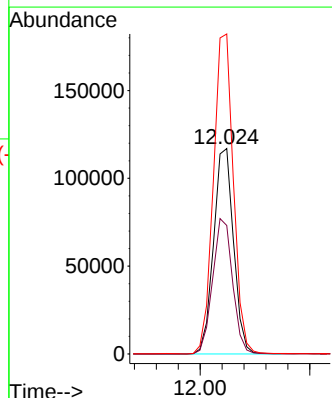
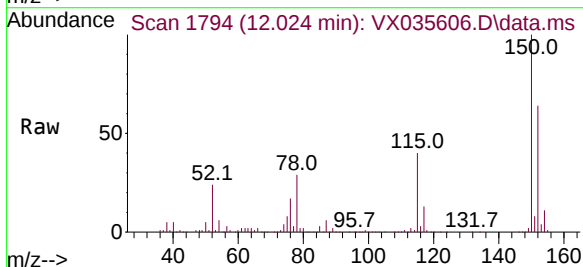
Tgt Ion:152 Resp: 147841

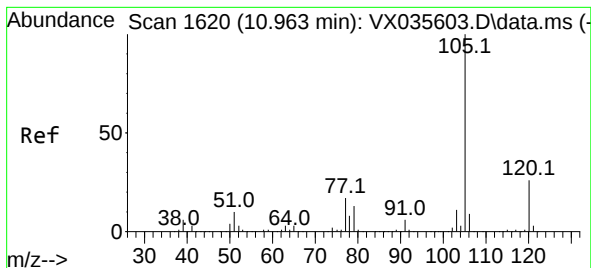
Ion Ratio Lower Upper

152 100

115 65.7 45.0 135.0

150 155.9 0.0 352.4





#73

Isopropylbenzene

Concen: 0.213 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

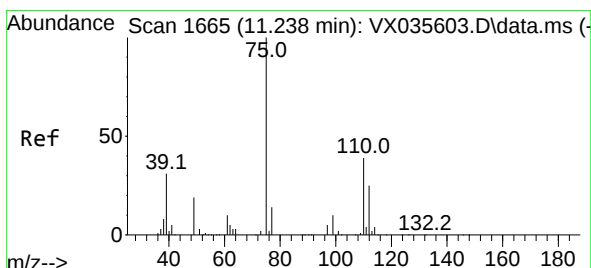
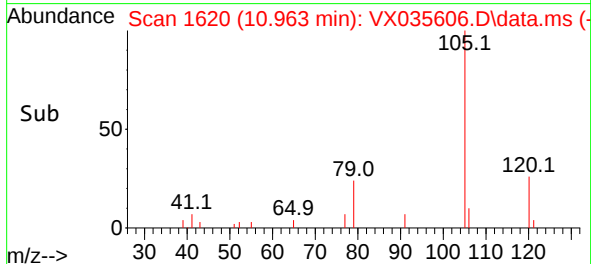
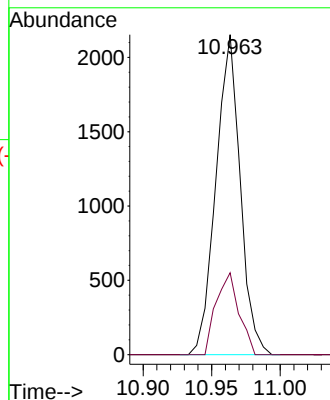
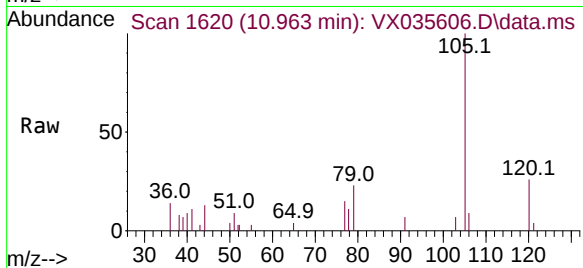
IBLK

Tgt Ion:105 Resp: 2648

Ion Ratio Lower Upper

105 100

120 24.0 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 26.166 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035606.D

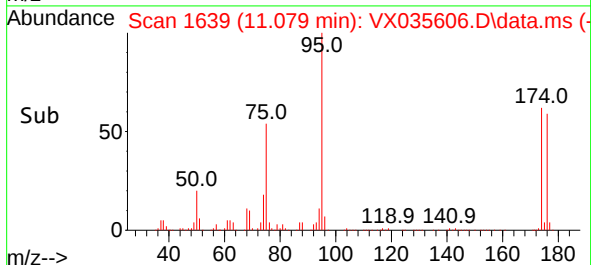
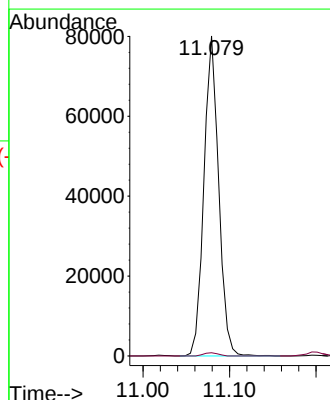
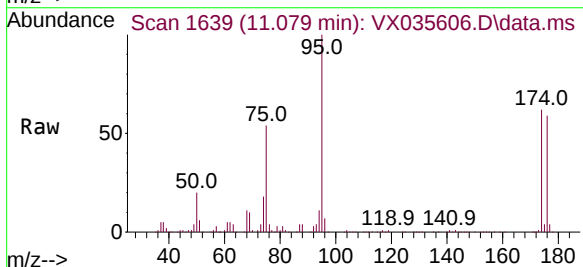
Acq: 11 May 2023 13:20

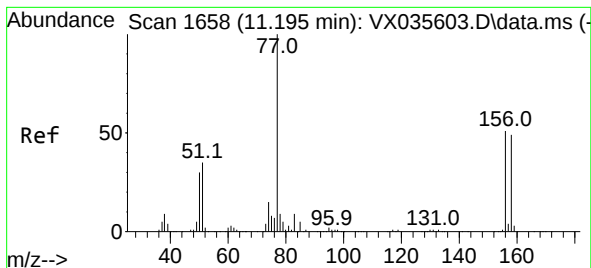
Tgt Ion: 75 Resp: 94622

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#77

Bromobenzene

Concen: 0.242 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

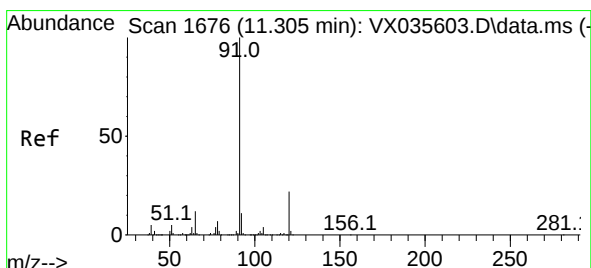
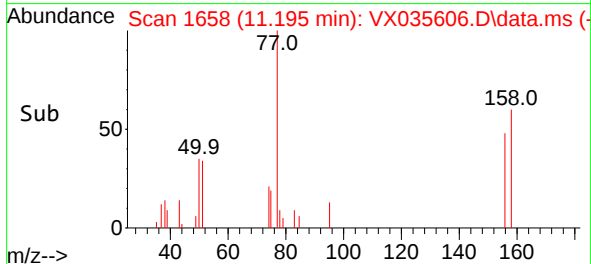
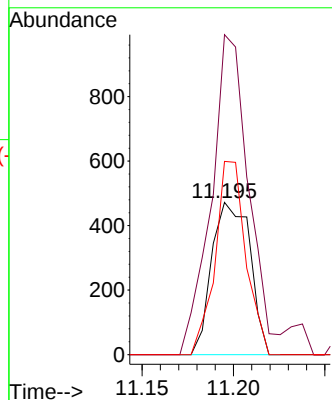
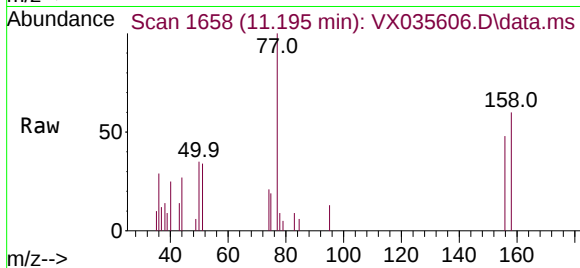
Tgt Ion:156 Resp: 685

Ion Ratio Lower Upper

156 100

77 207.3 86.7 259.9

158 102.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035606.D

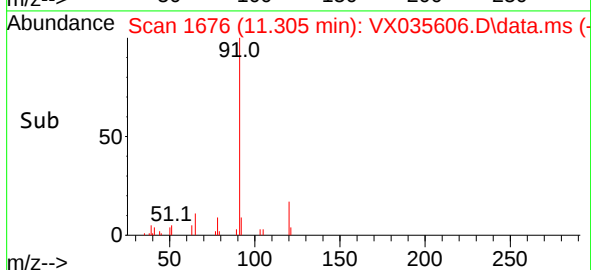
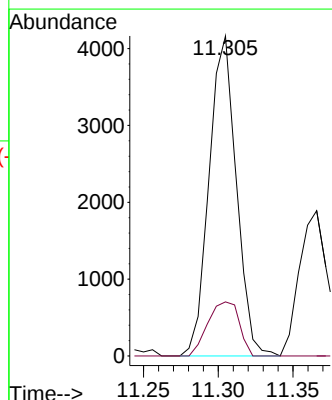
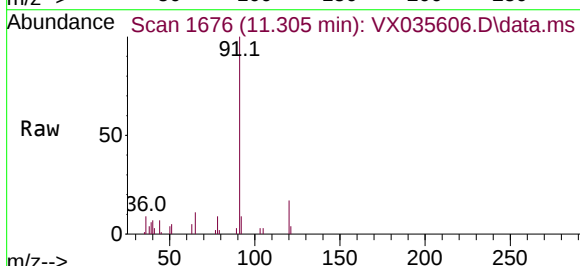
Acq: 11 May 2023 13:20

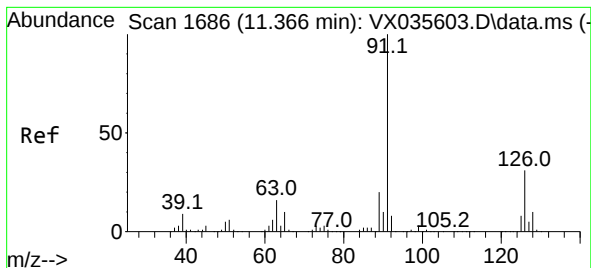
Tgt Ion: 91 Resp: 5286

Ion Ratio Lower Upper

91 100

120 19.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.277 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

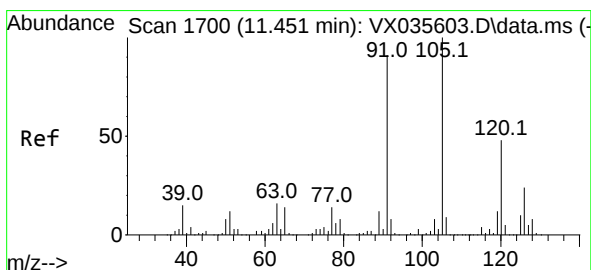
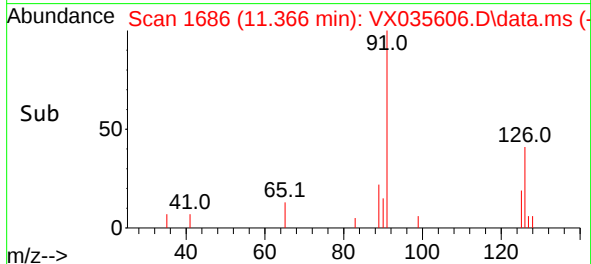
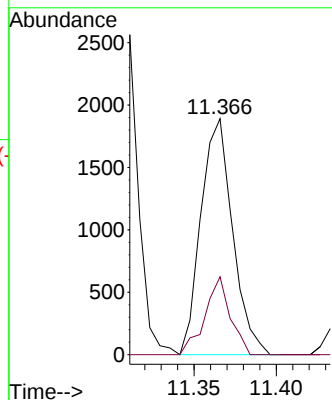
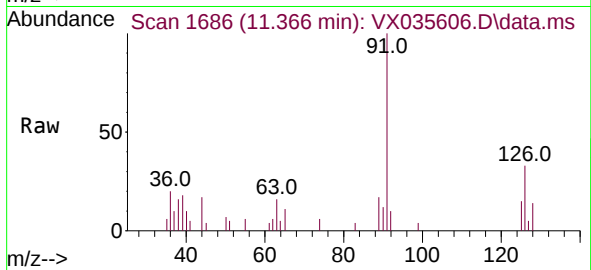
IBLK

Tgt Ion: 91 Resp: 2536

Ion Ratio Lower Upper

91 100

126 26.3 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 0.265 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035606.D

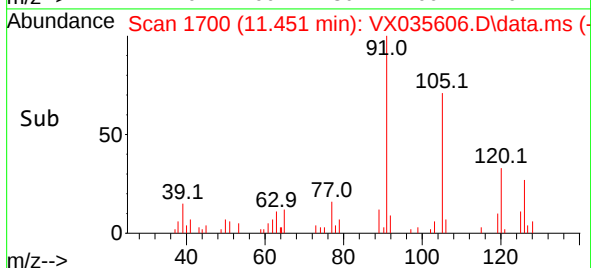
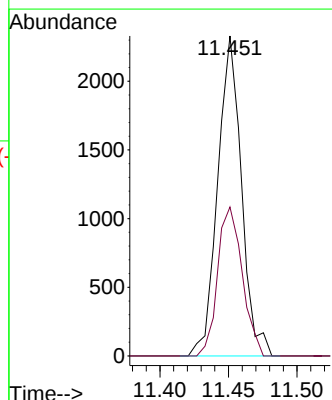
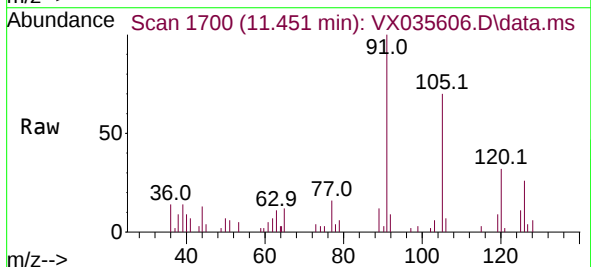
Acq: 11 May 2023 13:20

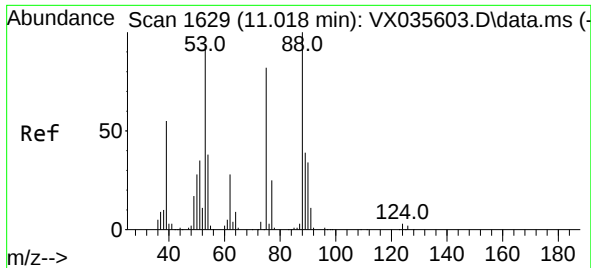
Tgt Ion: 105 Resp: 2803

Ion Ratio Lower Upper

105 100

120 48.2 23.7 71.1

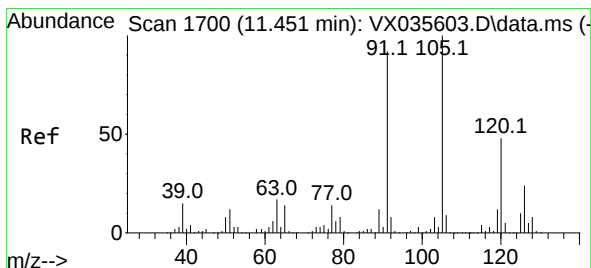
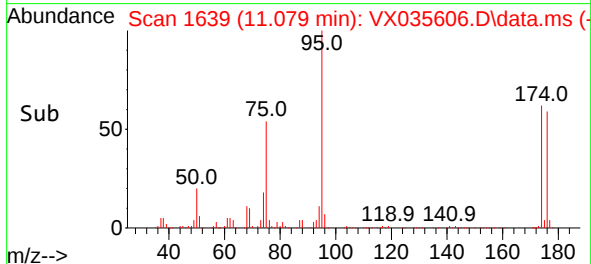
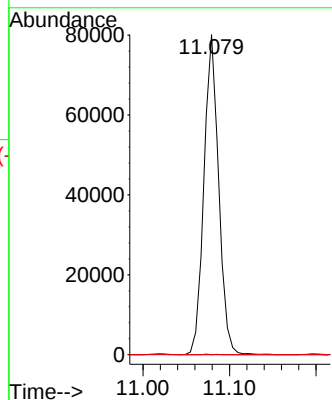
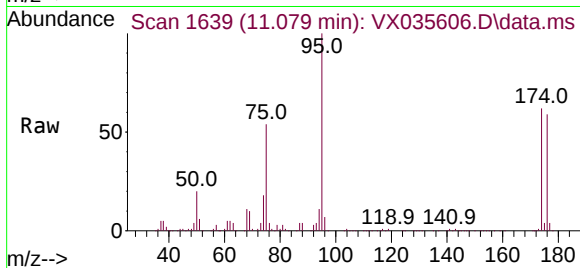




#81
trans-1,4-Dichloro-2-butene
Concen: 84.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

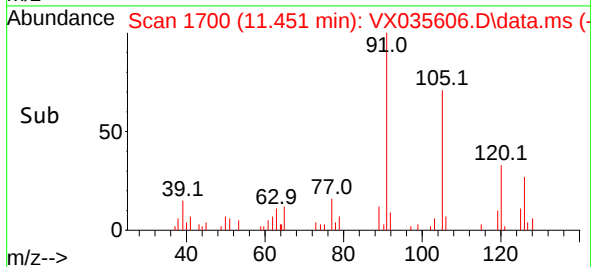
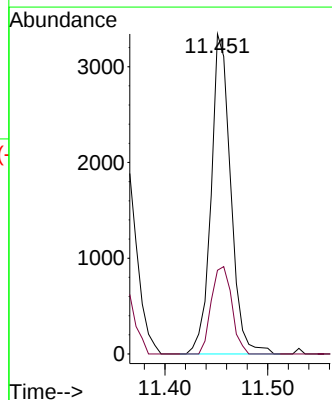
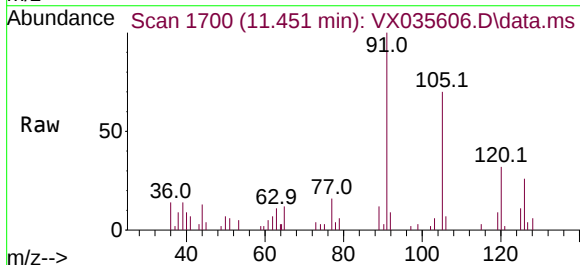
Instrument :
MSVOA_X
ClientSampleId :
IBLK

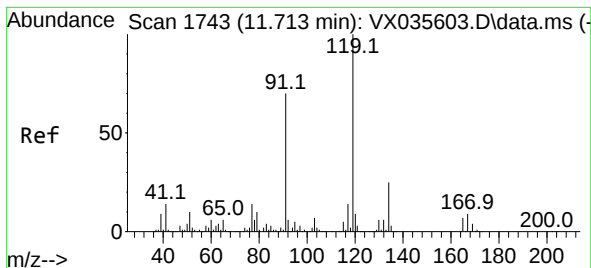
Tgt Ion: 75 Resp: 94622
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion: 91 Resp: 4422
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.249 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

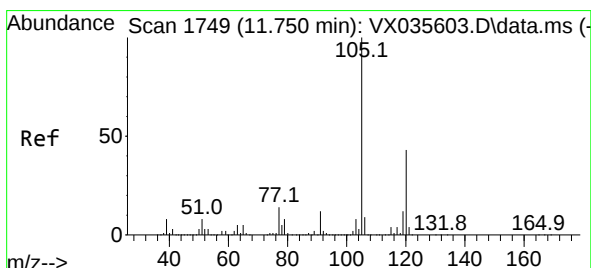
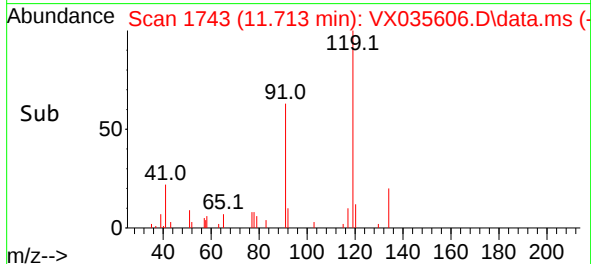
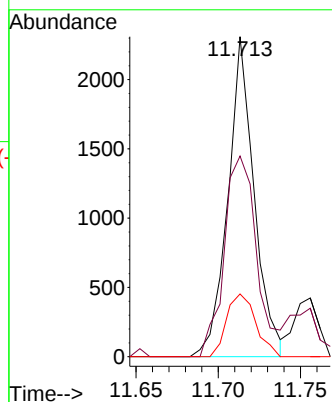
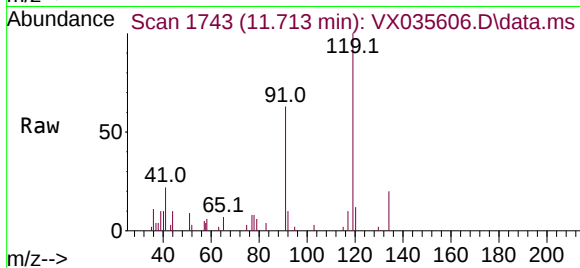
Tgt Ion:119 Resp: 2566

Ion Ratio Lower Upper

119 100

91 77.9 30.6 92.0

134 21.8 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 0.301 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035606.D

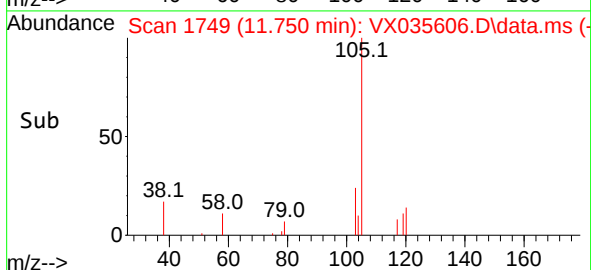
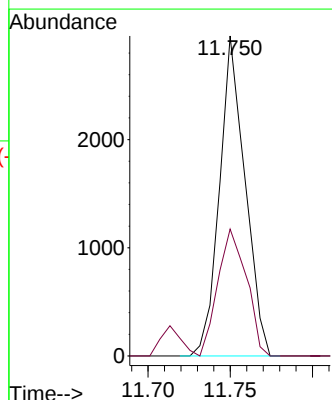
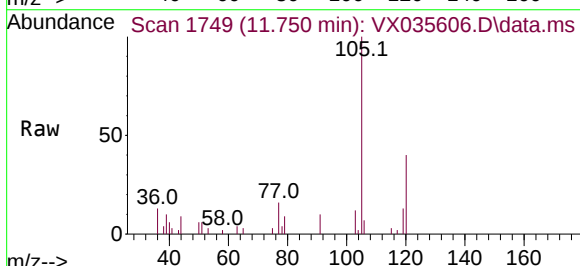
Acq: 11 May 2023 13:20

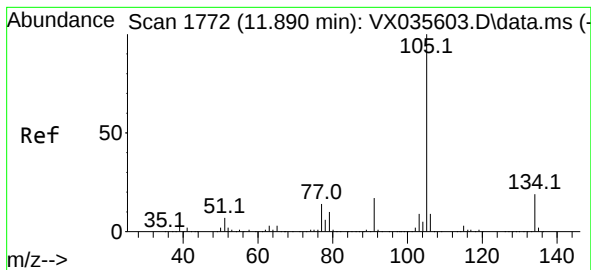
Tgt Ion:105 Resp: 3199

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.386 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

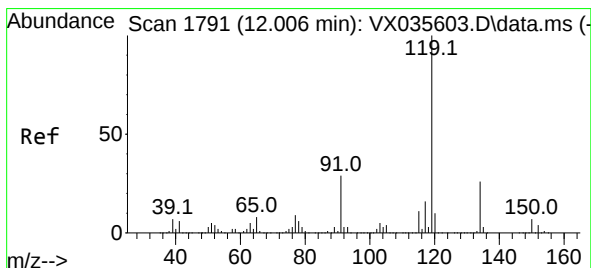
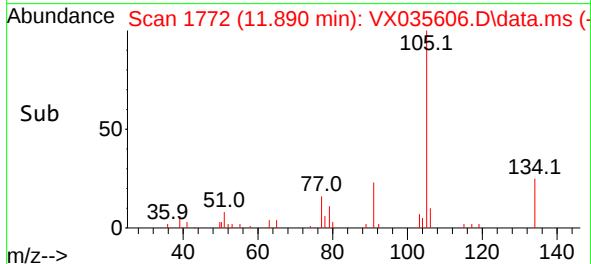
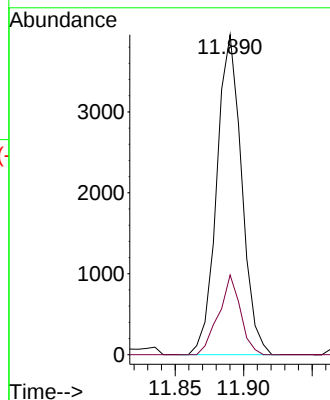
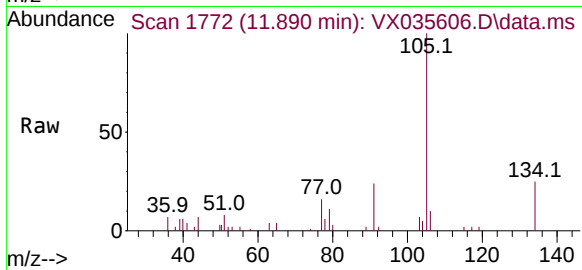
IBLK

Tgt Ion:105 Resp: 4993

Ion Ratio Lower Upper

105 100

134 21.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 0.371 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

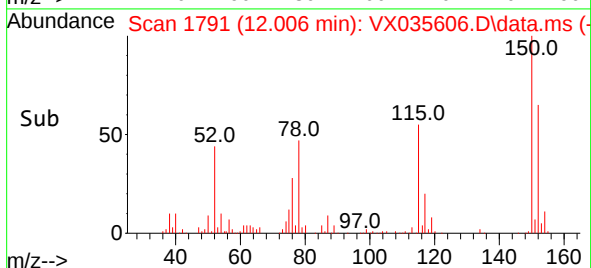
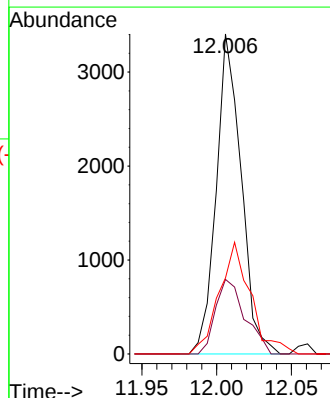
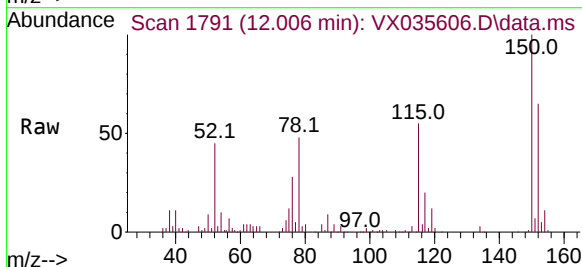
Tgt Ion:119 Resp: 3945

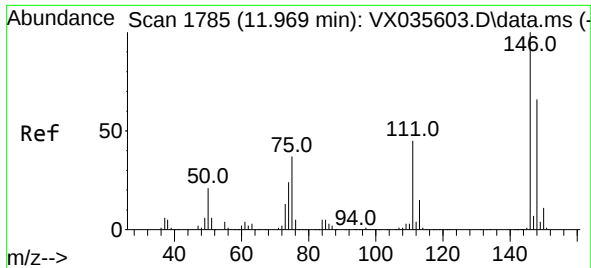
Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.5

91 44.0 12.9 38.7#

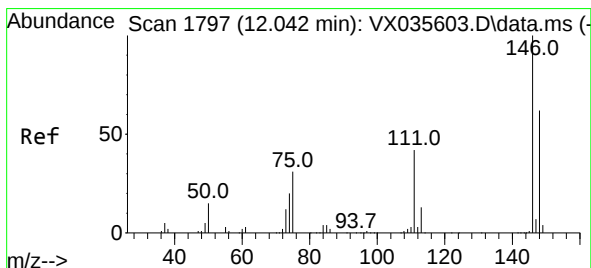
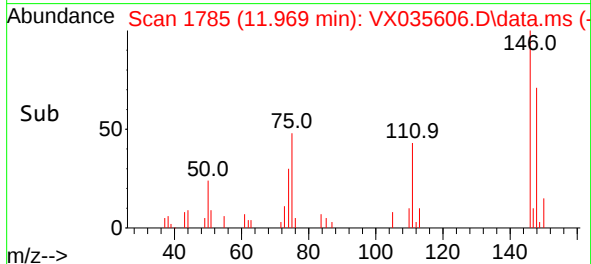
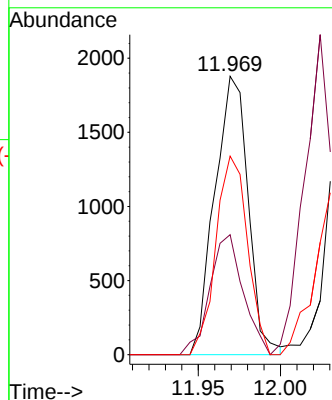
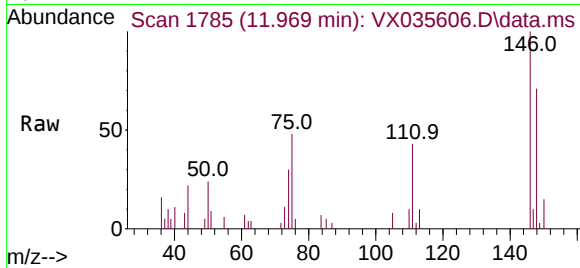




#87
1,3-Dichlorobenzene
Concen: 0.494 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

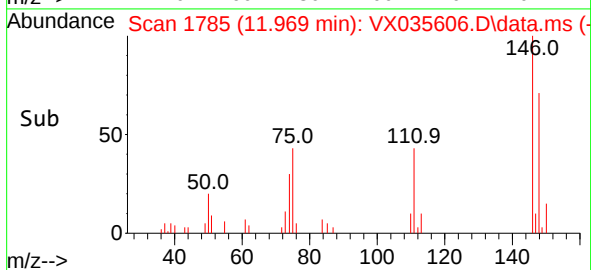
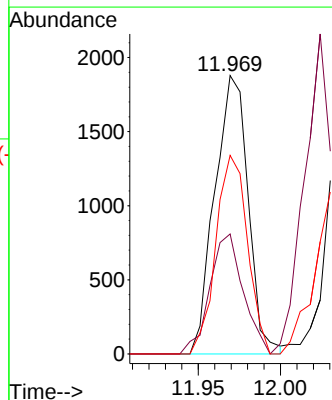
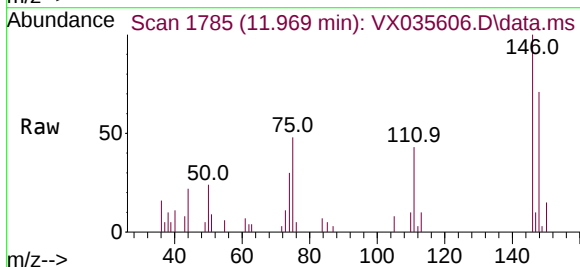
Instrument :
MSVOA_X
ClientSampleId :
IBLK

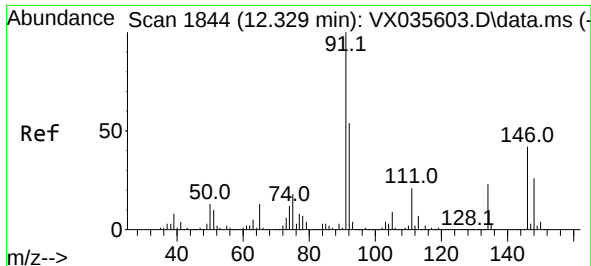
Tgt Ion:146 Resp: 2651
Ion Ratio Lower Upper
146 100
111 43.0 20.9 62.8
148 67.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.489 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX035606.D
Acq: 11 May 2023 13:20

Tgt Ion:146 Resp: 2651
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.9
148 67.6 31.8 95.4





#89

n-Butylbenzene

Concen: 0.614 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

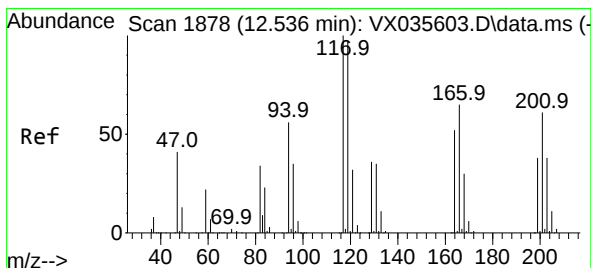
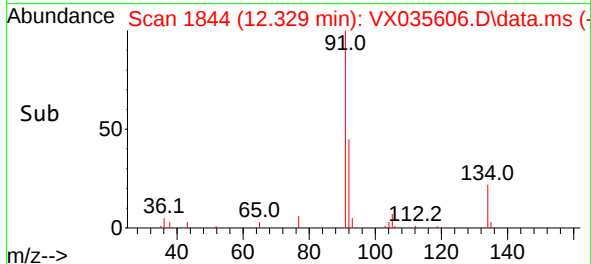
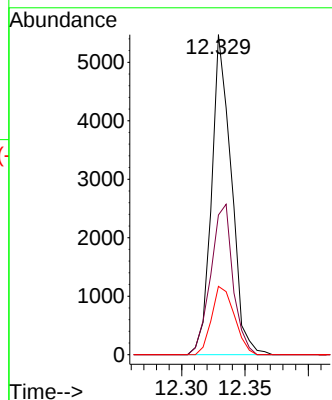
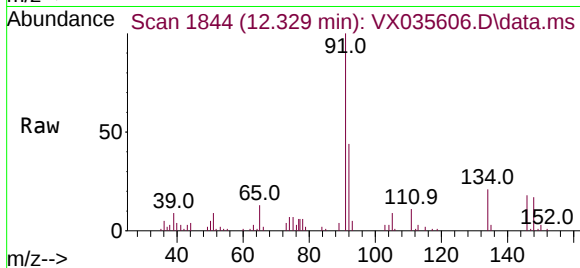
Tgt Ion: 91 Resp: 5934

Ion Ratio Lower Upper

91 100

92 53.1 27.7 83.0

134 24.7 13.0 38.9



#90

Hexachloroethane

Concen: 0.267 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035606.D

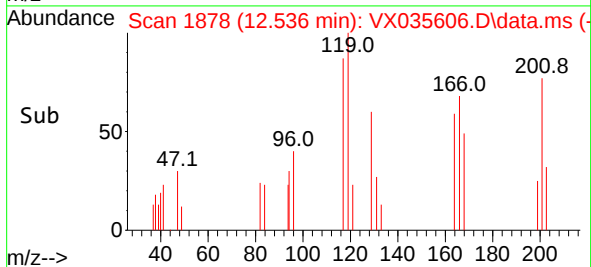
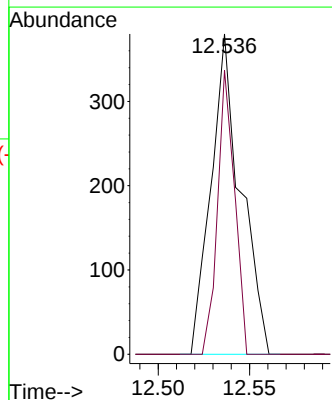
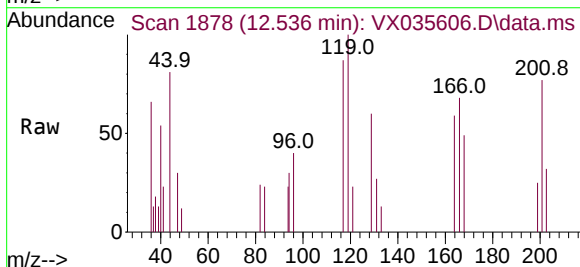
Acq: 11 May 2023 13:20

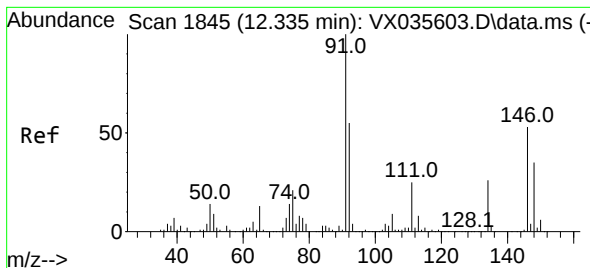
Tgt Ion: 117 Resp: 430

Ion Ratio Lower Upper

117 100

201 50.9 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 0.346 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

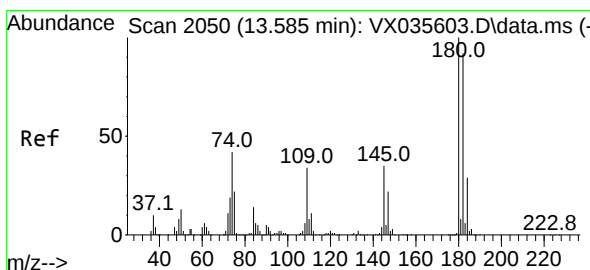
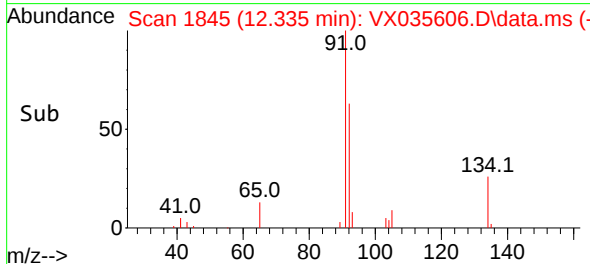
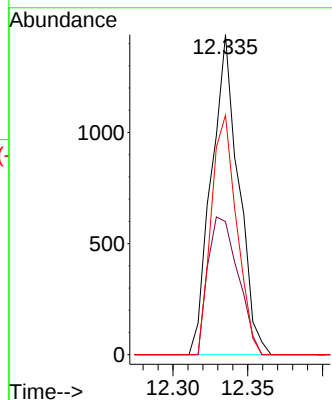
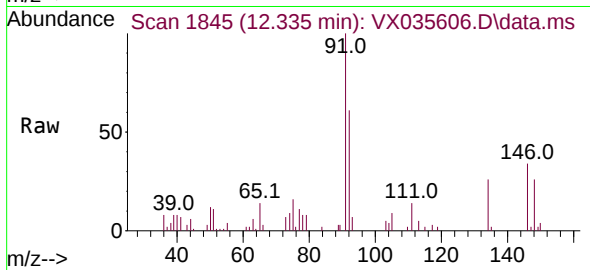
Tgt Ion:146 Resp: 1820

Ion Ratio Lower Upper

146 100

111 48.0 22.0 66.0

148 70.1 32.0 96.0



#93

1,2,4-Trichlorobenzene

Concen: 1.244 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

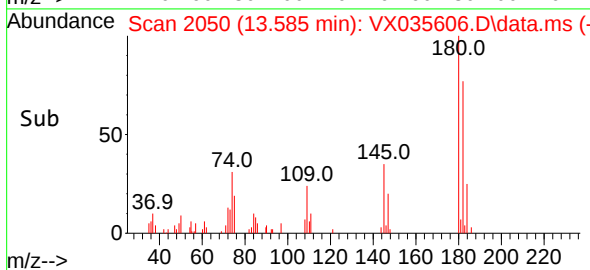
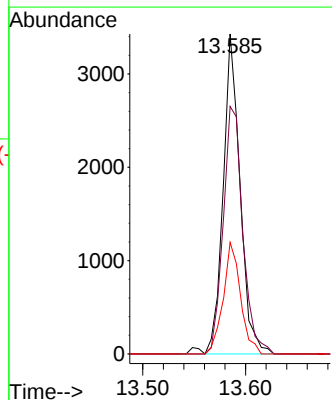
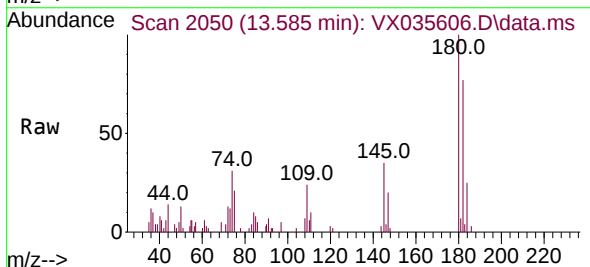
Tgt Ion:180 Resp: 3941

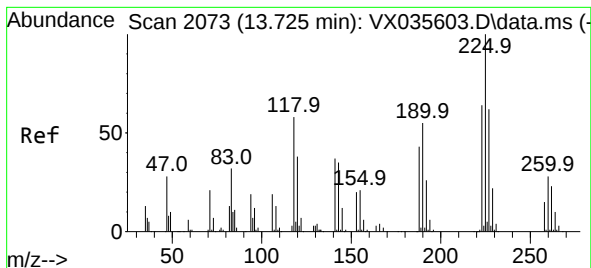
Ion Ratio Lower Upper

180 100

182 88.4 47.0 141.0

145 35.5 15.9 47.7





#94

Hexachlorobutadiene

Concen: 2.657 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

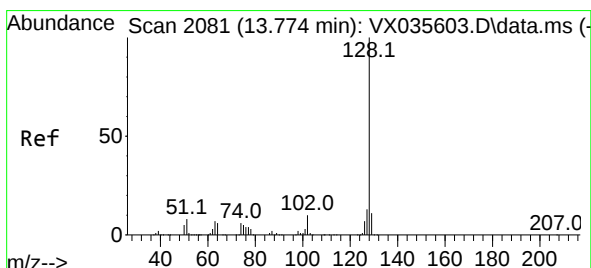
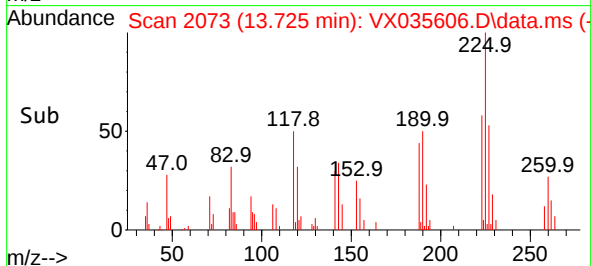
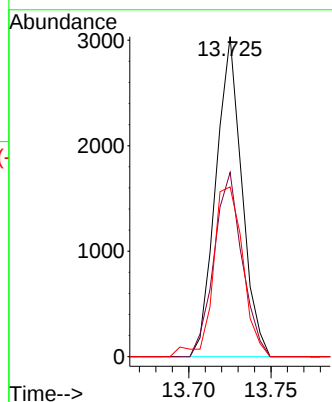
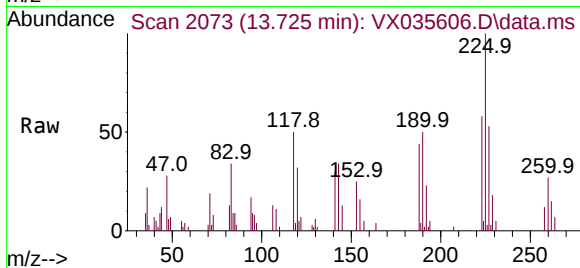
Tgt Ion:225 Resp: 3340

Ion Ratio Lower Upper

225 100

223 62.2 32.1 96.5

227 60.6 31.8 95.4



#95

Naphthalene

Concen: 1.016 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035606.D

Acq: 11 May 2023 13:20

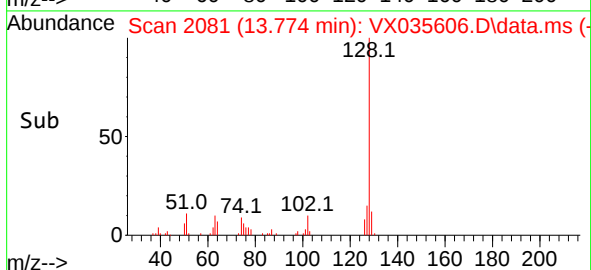
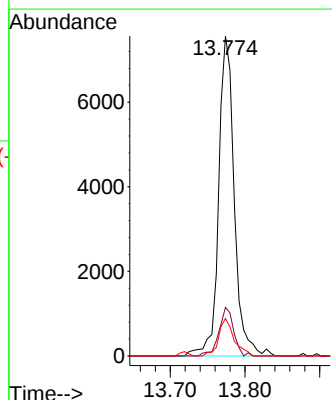
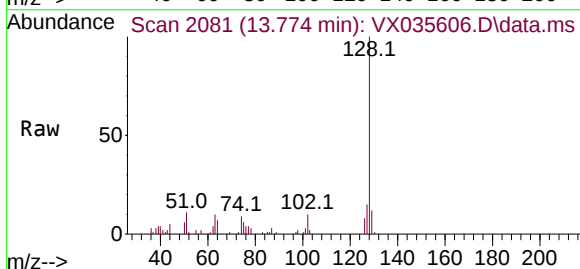
Tgt Ion:128 Resp: 11017

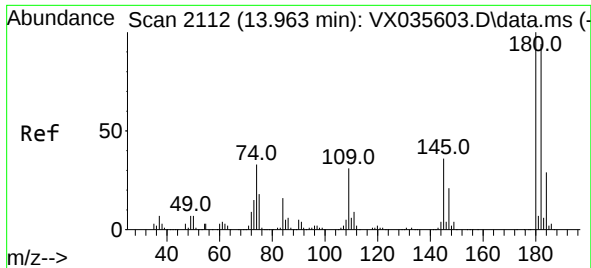
Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

129 11.5 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 1.288 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035606.D

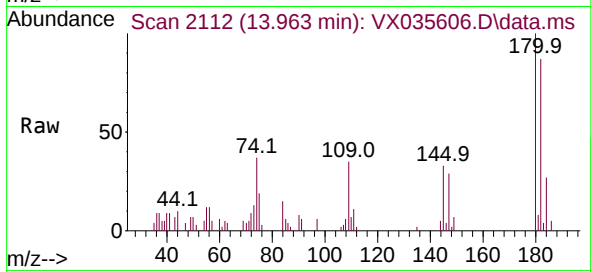
Acq: 11 May 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 4011

Ion Ratio Lower Upper

180 100

182 92.5 48.0 144.2

145 43.4 17.7 53.1

