

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034229.D
 Acq On : 22 Feb 2023 15:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 23 01:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	329404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	497457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	194775	43.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.800%
35) Dibromofluoromethane	5.385	113	174818	48.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	8.647	98	662952	51.722	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	234319	47.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.398	85	51	0.018	ug/l #	43
3) Chloromethane	1.294	50	307	0.075	ug/l	93
4) Vinyl Chloride	1.605	62	18	0.005	ug/l #	1
6) Chloroethane	1.672	64	20	0.011	ug/l #	42
8) Diethyl Ether	1.941	74	45	0.022	ug/l #	1
10) Methyl Iodide	2.465	142	53	0.012	ug/l #	38
12) 1,1-Dichloroethene	2.331	96	37	0.010	ug/l #	1
14) Allyl chloride	2.648	41	189	0.025	ug/l #	1
15) Acrylonitrile	3.081	53	102	0.047	ug/l #	18
17) Carbon Disulfide	2.520	76	744	0.073	ug/l #	76
18) Methyl Acetate	2.697	43	1018	0.144	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	27	0.007	ug/l #	57
22) Diisopropyl ether	3.593	45	31	0.002	ug/l #	53
23) Vinyl Acetate	3.709	43	48	0.005	ug/l #	72
25) 2-Butanone	4.532	43	184	0.056	ug/l #	51
27) cis-1,2-Dichloroethene	4.617	96	21	0.005	ug/l #	1
28) Bromochloromethane	4.897	49	41	0.013	ug/l #	9
29) Tetrahydrofuran	4.995	42	62	0.031	ug/l #	34
30) Chloroform	5.105	83	137	0.020	ug/l #	18
32) 1,1,1-Trichloroethane	5.538	97	45	0.007	ug/l #	1
37) Ethyl Acetate	4.727	43	216	0.037	ug/l #	68
40) Benzene	6.037	78	71	0.005	ug/l #	52
41) Methacrylonitrile	4.897	41	165	0.050	ug/l #	50
42) 1,2-Dichloroethane	6.105	62	233	0.042	ug/l #	73
43) Isopropyl Acetate	6.330	43	122	0.012	ug/l #	61
45) 1,2-Dichloropropane	7.269	63	23	0.006	ug/l #	44
48) Methyl methacrylate	7.720	41	149	0.030	ug/l #	36
51) 4-Methyl-2-Pentanone	8.580	43	136	0.024	ug/l #	36
52) Toluene	8.726	92	94	0.010	ug/l #	52
56) Ethyl methacrylate	8.958	69	46	0.007	ug/l #	1
59) 2-Hexanone	9.439	43	33	0.008	ug/l #	24
65) Chlorobenzene	10.073	112	119	0.011	ug/l #	42
67) Ethyl Benzene	10.195	91	442	0.024	ug/l #	42
68) m/p-Xylenes	10.305	106	135	0.019	ug/l #	44
70) Styrene	10.652	104	49	0.004	ug/l #	55
73) Isopropylbenzene	10.969	105	137	0.008	ug/l #	48

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034229.D
 Acq On : 22 Feb 2023 15:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

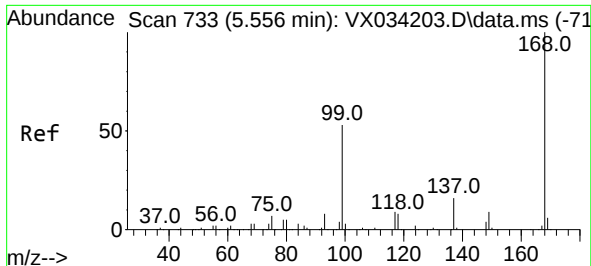
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 23 01:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

74) N-amyl acetate	10.829	43	183	0.021	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.226	83	253	0.042	ug/l #	65
77) Bromobenzene	11.189	156	306	0.072	ug/l #	28
78) n-propylbenzene	11.469	91	506	0.025	ug/l	87
79) 2-Chlorotoluene	11.366	91	275	0.022	ug/l #	60
80) 1,3,5-Trimethylbenzene	11.457	105	239	0.016	ug/l	82
82) 4-Chlorotoluene	11.469	91	506	0.035	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.756	105	559	0.037	ug/l	93
85) sec-Butylbenzene	11.884	105	225	0.012	ug/l #	54
86) p-Isopropyltoluene	12.024	119	332	0.022	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	103	0.013	ug/l #	57
88) 1,4-Dichlorobenzene	12.042	146	308	0.038	ug/l #	26
89) n-Butylbenzene	12.335	91	481	0.035	ug/l #	56
90) Hexachloroethane	12.695	117	366	0.114	ug/l #	4
91) 1,2-Dichlorobenzene	12.353	146	25	0.003	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	220	0.044	ug/l #	65
95) Naphthalene	13.774	128	32402	1.917	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94	0.019	ug/l #	28

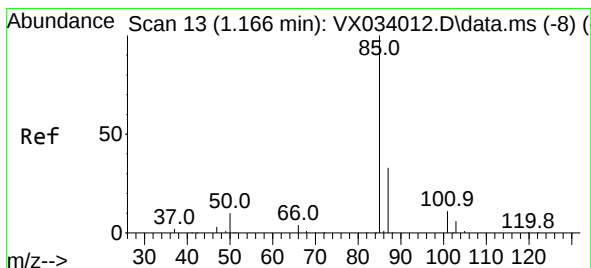
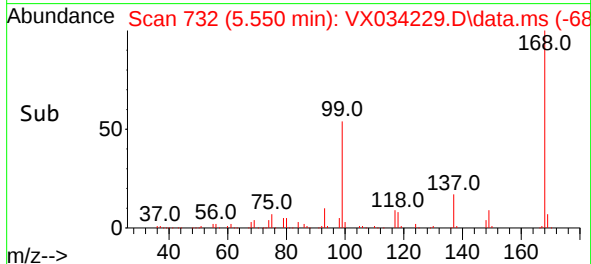
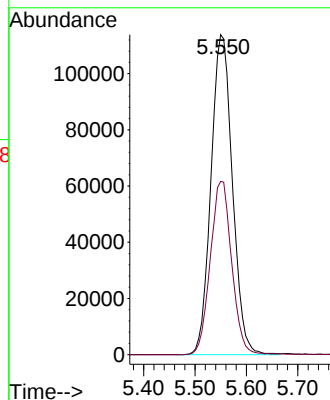
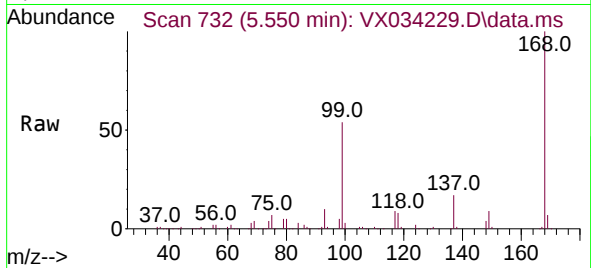
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

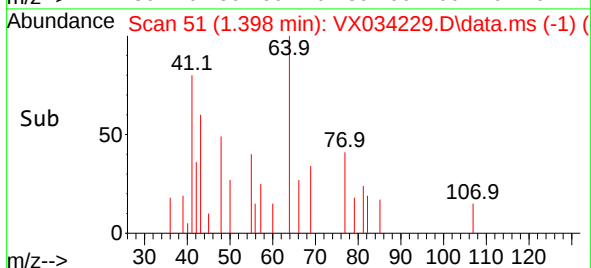
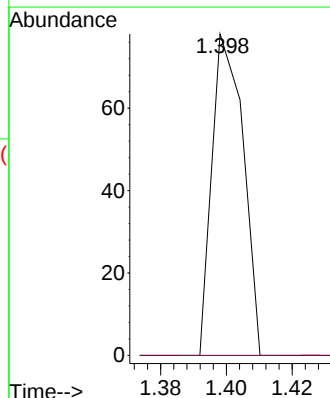
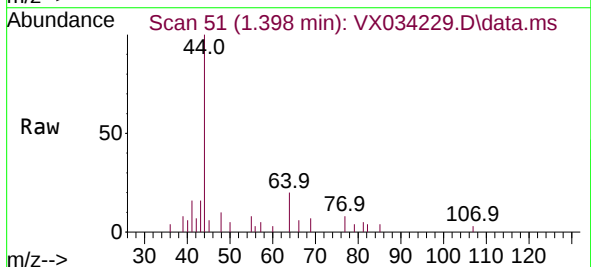
Instrument :
MSVOA_X
ClientSampleId :
IBLK

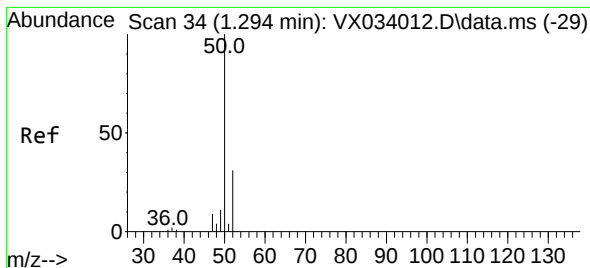
Tgt Ion:168 Resp: 329404
Ion Ratio Lower Upper
168 100
99 54.2 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.018 ug/l
RT: 1.398 min Scan# 51
Delta R.T. 0.232 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 85 Resp: 51
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#





#3

Chloromethane

Concen: 0.075 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

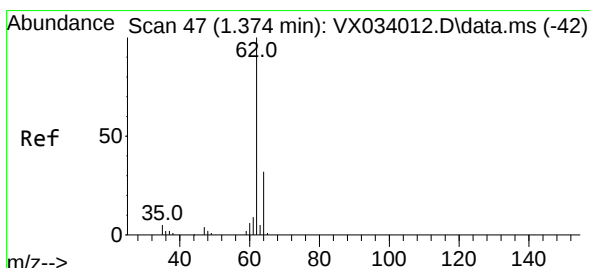
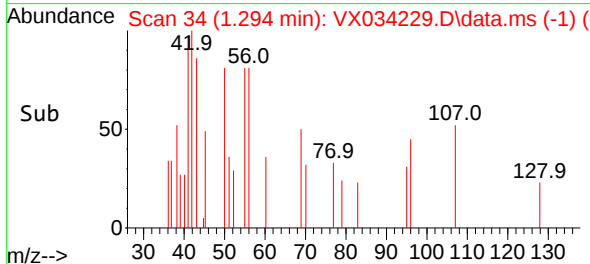
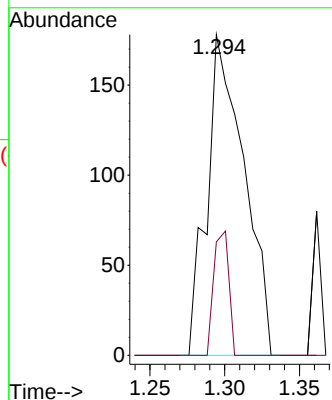
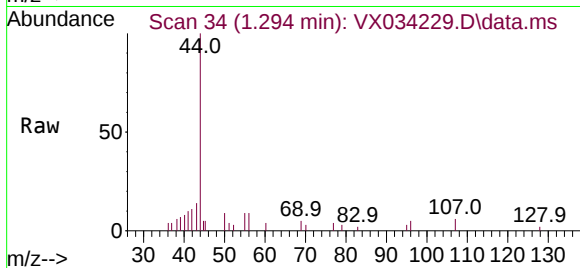
IBLK

Tgt Ion: 50 Resp: 307

Ion Ratio Lower Upper

50 100

52 35.4 25.2 37.8



#4

Vinyl Chloride

Concen: 0.005 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.232 min

Lab File: VX034229.D

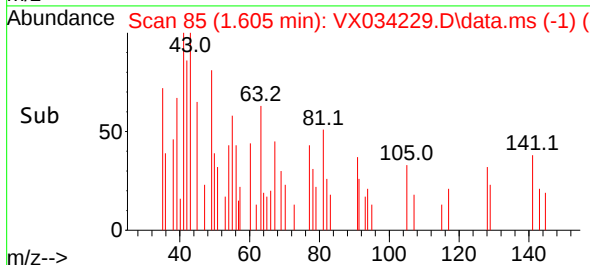
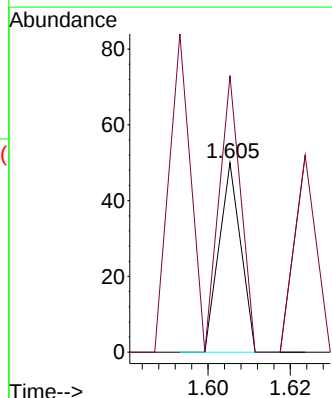
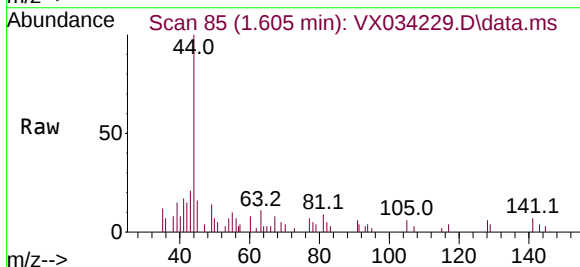
Acq: 22 Feb 2023 15:22

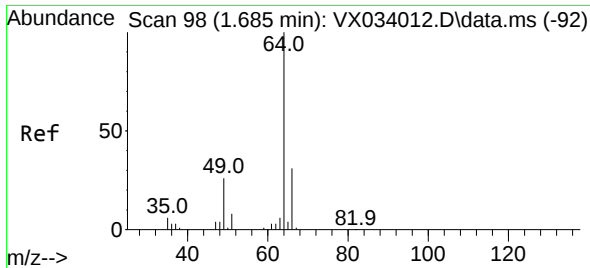
Tgt Ion: 62 Resp: 18

Ion Ratio Lower Upper

62 100

64 146.0 26.2 39.4#

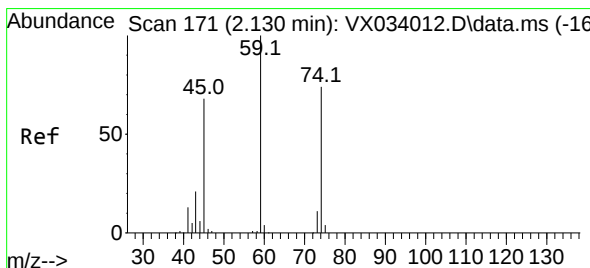
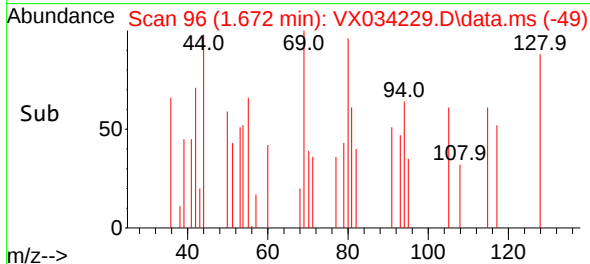
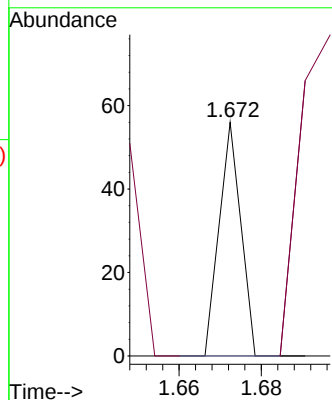
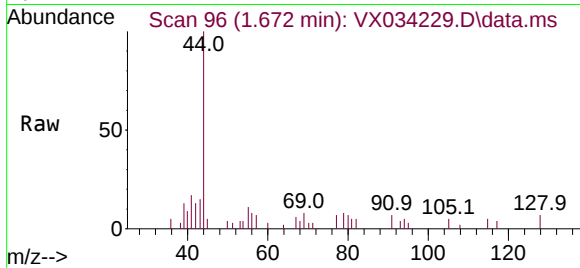




#6
Chloroethane
Concen: 0.011 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

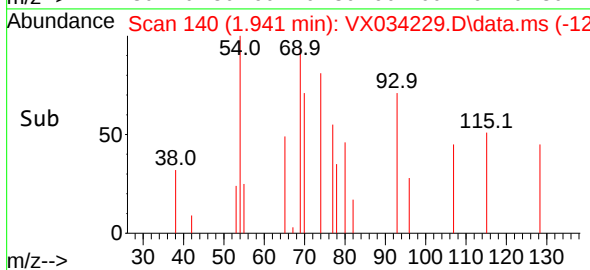
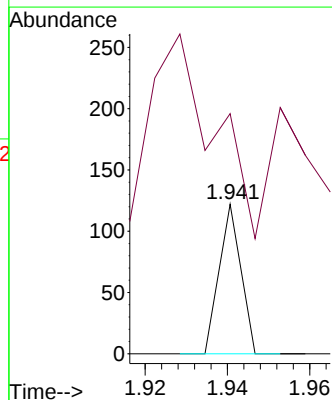
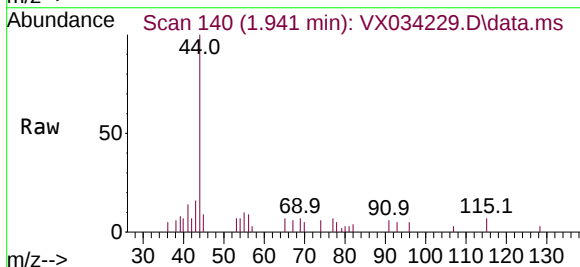
Instrument :
MSVOA_X
ClientSampleId :
IBLK

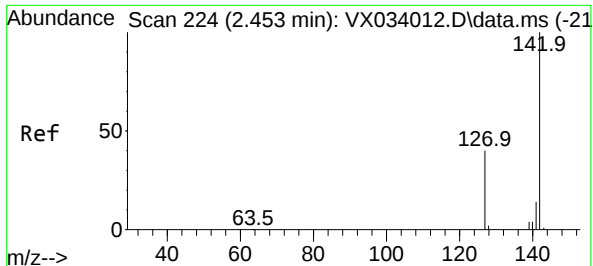
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 0.022 ug/l
RT: 1.941 min Scan# 140
Delta R.T. -0.189 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 74 Resp: 45
Ion Ratio Lower Upper
74 100
45 384.4 51.5 154.5#

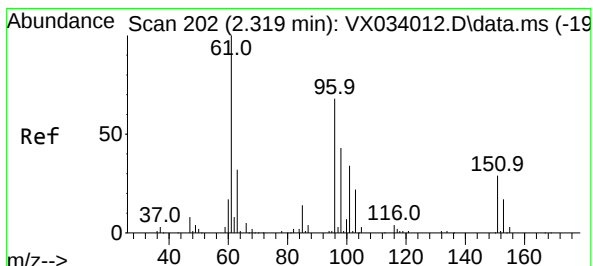
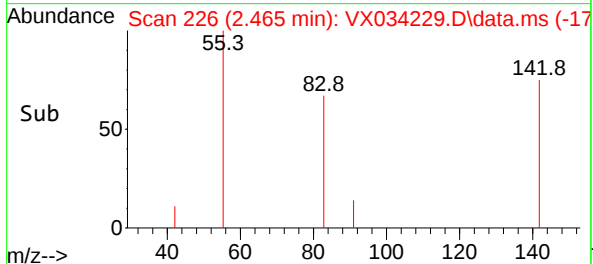
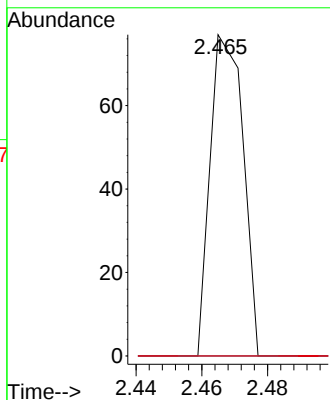
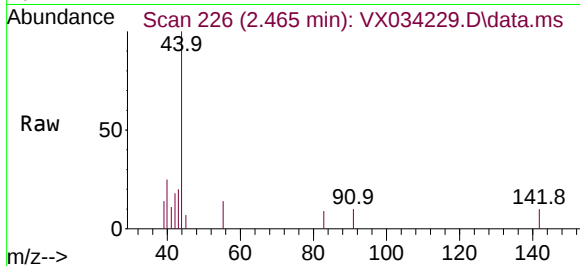




#10
Methyl Iodide
Concen: 0.012 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

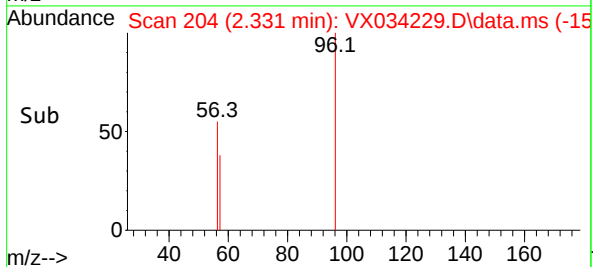
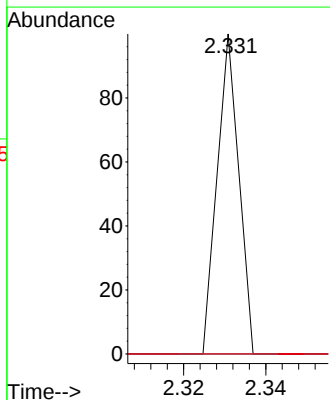
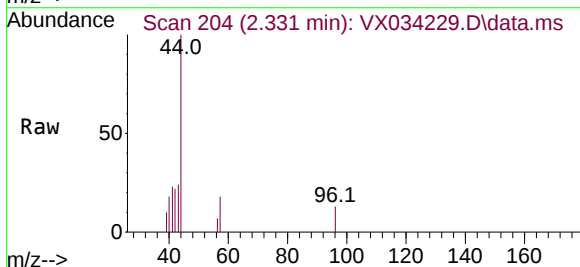
Instrument :
MSVOA_X
ClientSampleId :
IBLK

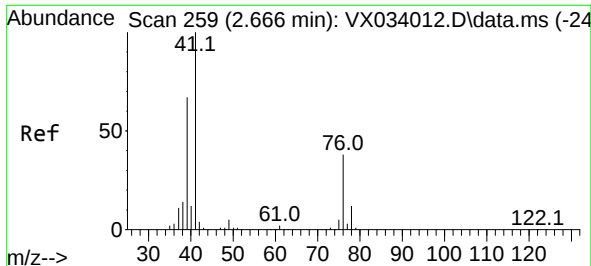
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.5 17.3#



#12
1,1-Dichloroethene
Concen: 0.010 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 96 Resp: 37
Ion Ratio Lower Upper
96 100
61 0.0 134.2 201.4#
98 0.0 50.2 75.2#

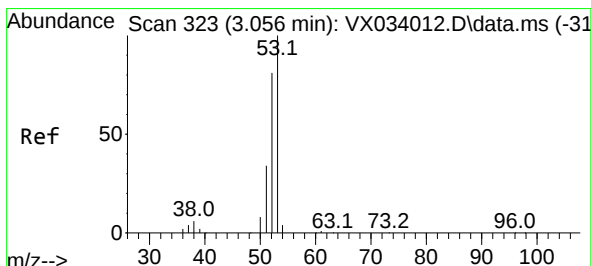
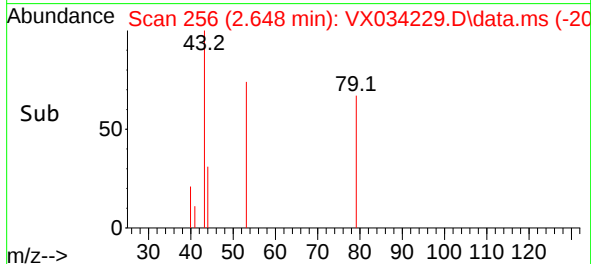
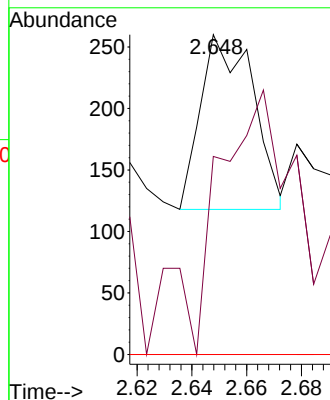
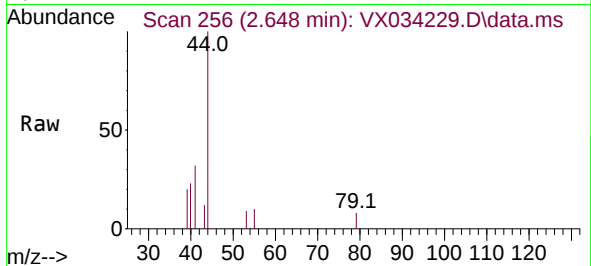




#14
 Allyl chloride
 Concen: 0.025 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX034229.D
 Acq: 22 Feb 2023 15:22

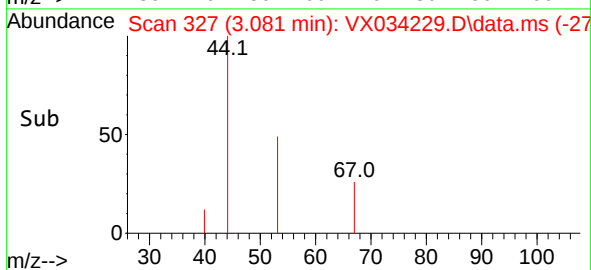
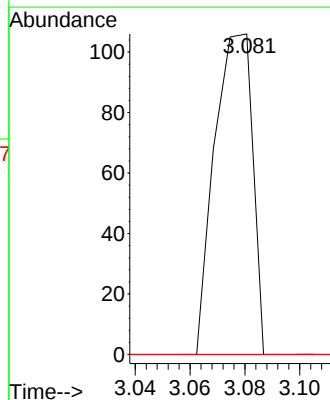
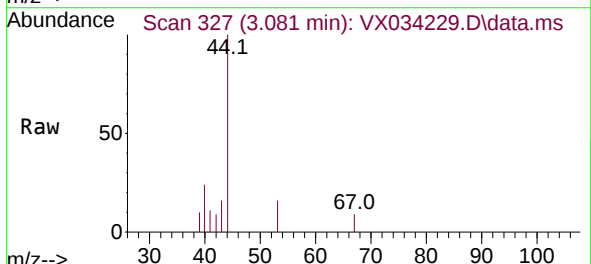
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

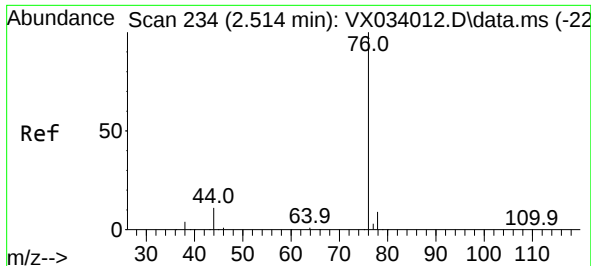
Tgt Ion: 41 Resp: 189
 Ion Ratio Lower Upper
 41 100
 39 224.9 59.0 88.4#
 76 0.0 24.6 37.0#



#15
 Acrylonitrile
 Concen: 0.047 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.025 min
 Lab File: VX034229.D
 Acq: 22 Feb 2023 15:22

Tgt Ion: 53 Resp: 102
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.7 98.5#
 51 0.0 29.0 43.4#

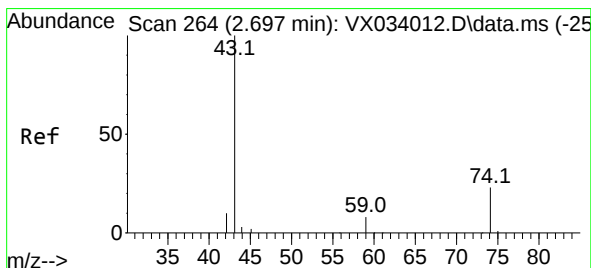
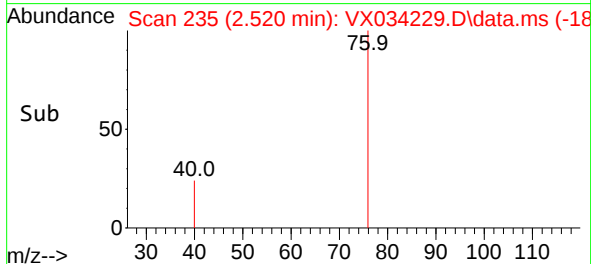
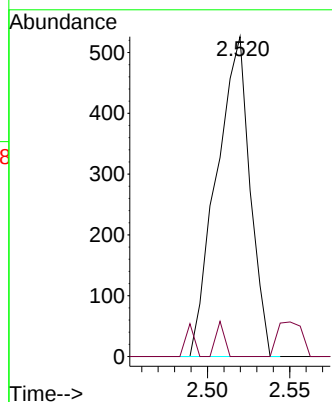
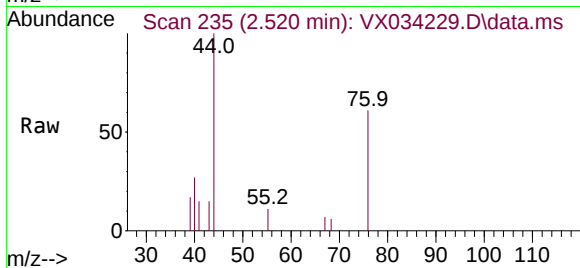




#17
Carbon Disulfide
Concen: 0.073 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

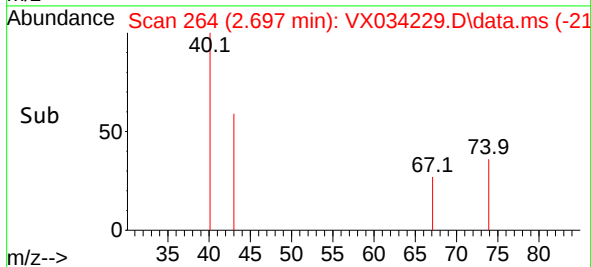
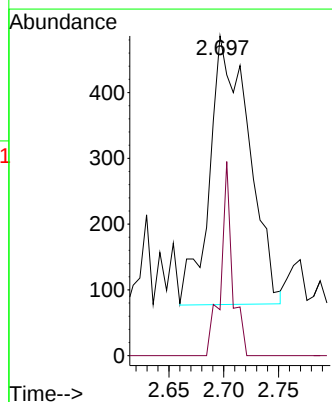
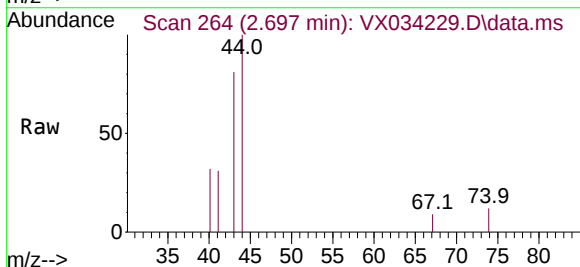
Instrument :
MSVOA_X
ClientSampleId :
IBLK

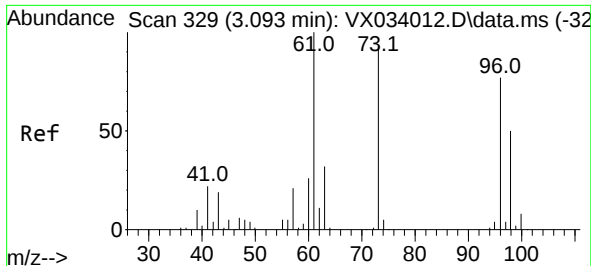
Tgt Ion: 76 Resp: 744
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.144 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
74 21.1 18.2 27.4

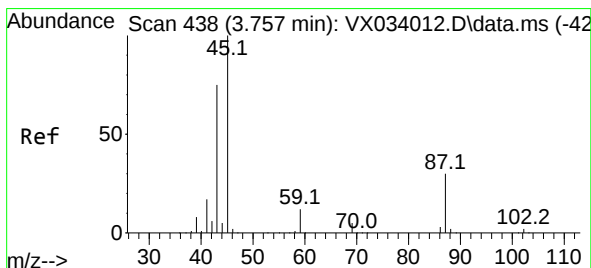
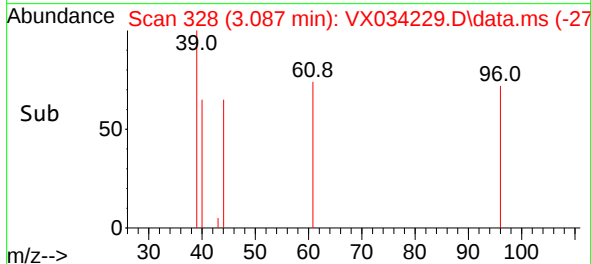
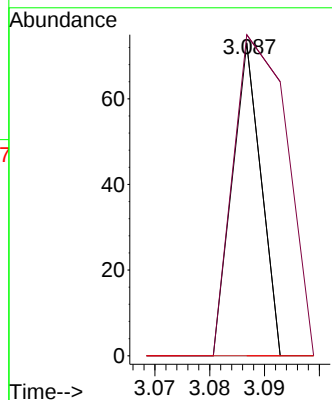
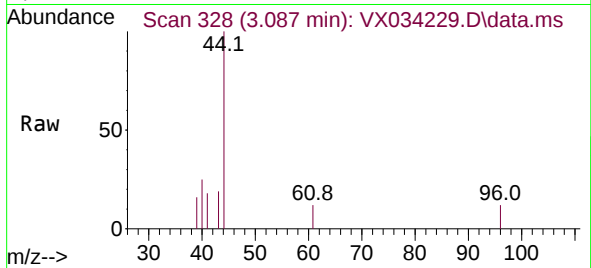




#21
trans-1,2-Dichloroethene
Concen: 0.007 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

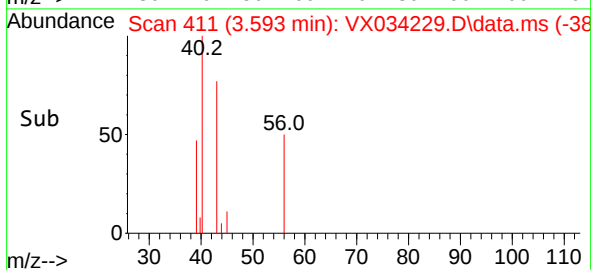
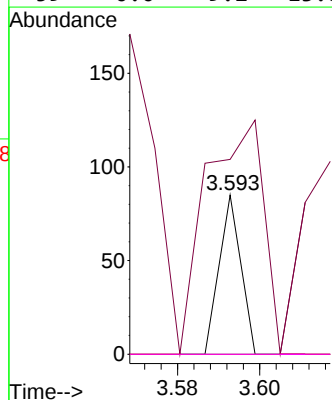
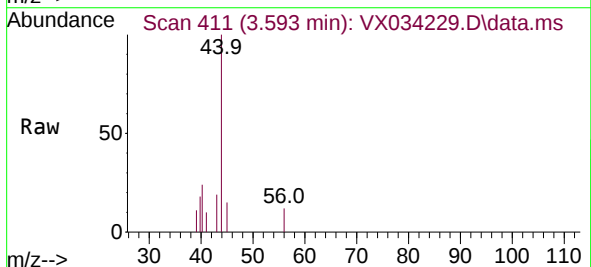
Instrument :
MSVOA_X
ClientSampleId :
IBLK

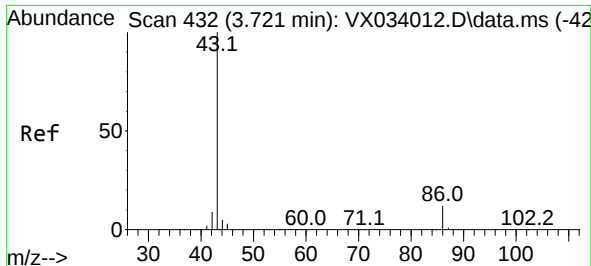
Tgt Ion: 96 Resp: 27
Ion Ratio Lower Upper
96 100
61 102.7 106.7 160.1#
98 0.0 50.0 75.0#



#22
Diisopropyl ether
Concen: 0.002 ug/l
RT: 3.593 min Scan# 411
Delta R.T. -0.164 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 45 Resp: 31
Ion Ratio Lower Upper
45 100
43 122.4 64.6 97.0#
87 0.0 21.9 32.9#
59 0.0 9.2 13.8#

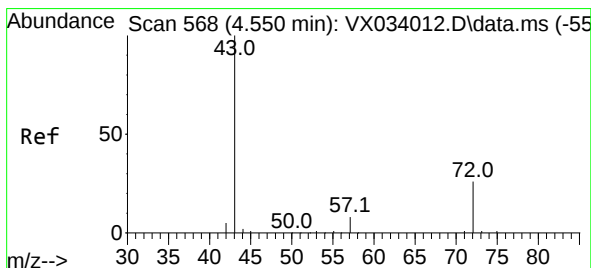
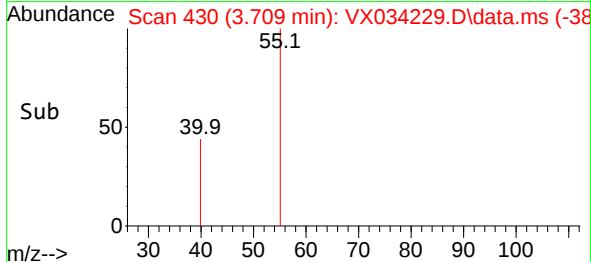
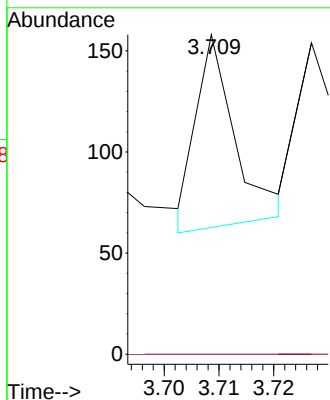
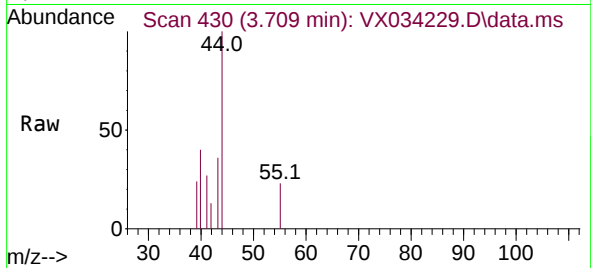




#23
 Vinyl Acetate
 Concen: 0.005 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX034229.D
 Acq: 22 Feb 2023 15:22

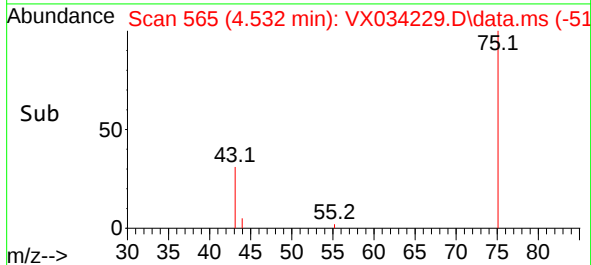
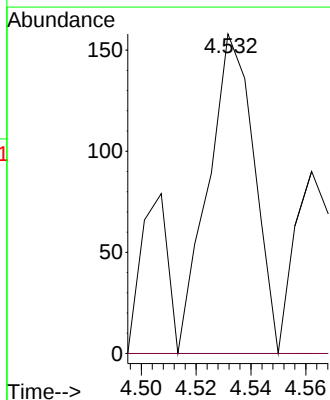
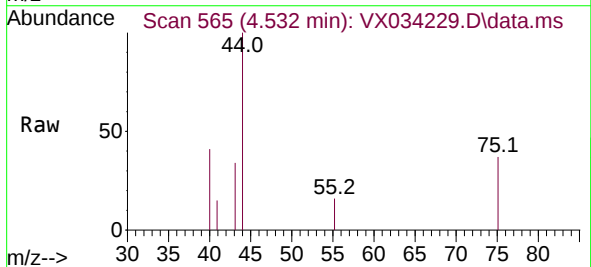
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

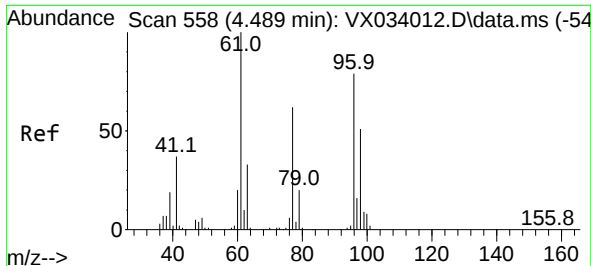
Tgt Ion: 43 Resp: 48
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 0.056 ug/l
 RT: 4.532 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VX034229.D
 Acq: 22 Feb 2023 15:22

Tgt Ion: 43 Resp: 184
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.005 ug/l

RT: 4.617 min Scan# 5

Delta R.T. 0.134 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

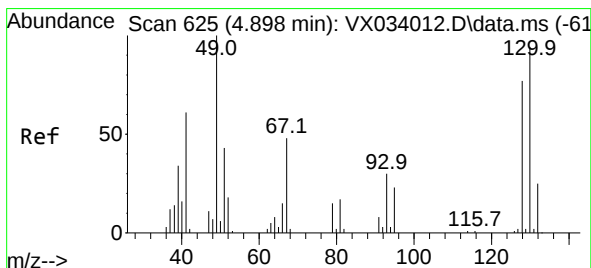
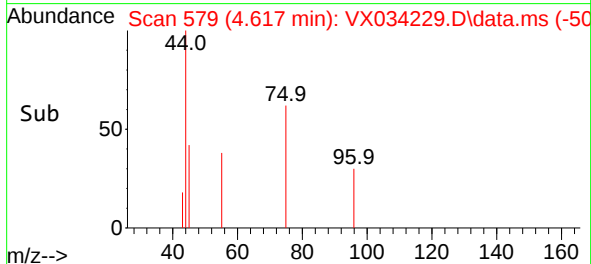
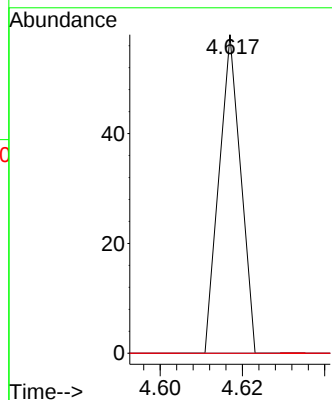
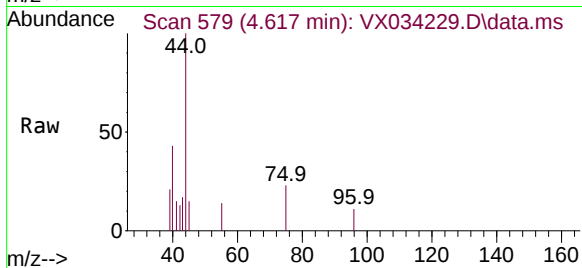
Tgt Ion: 96 Resp: 21

Ion Ratio Lower Upper

96 100

61 0.0 0.0 277.6

98 0.0 0.0 128.0



#28

Bromochloromethane

Concen: 0.013 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

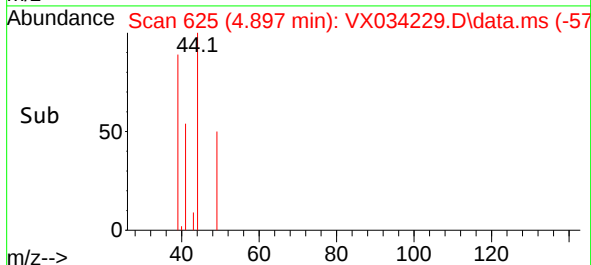
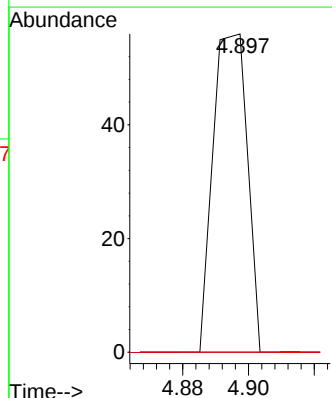
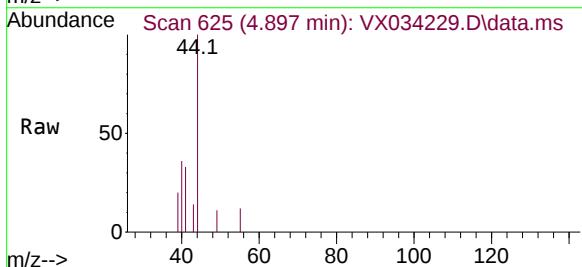
Tgt Ion: 49 Resp: 41

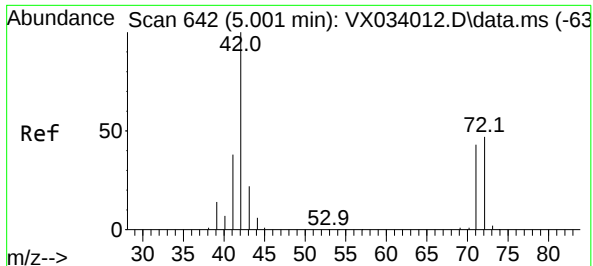
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 68.5 102.7#





#29

Tetrahydrofuran

Concen: 0.031 ug/l

RT: 4.995 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

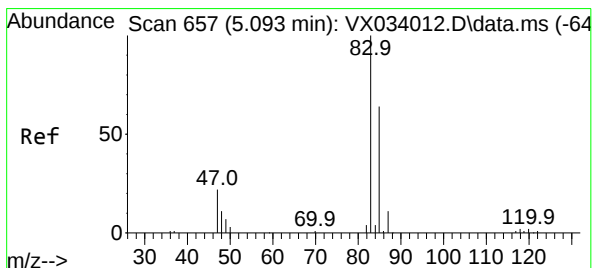
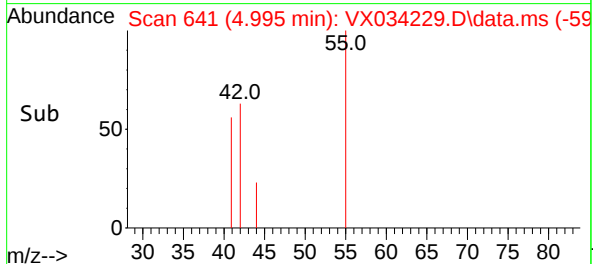
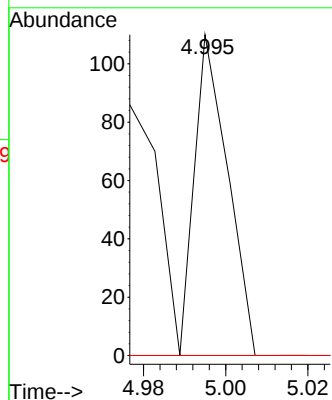
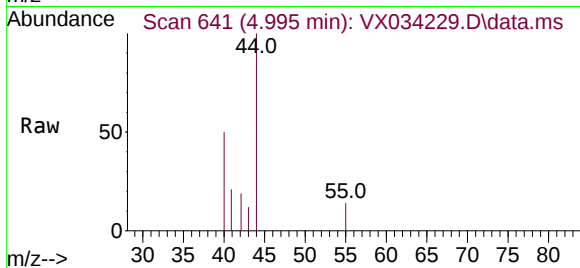
Tgt Ion: 42 Resp: 62

Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#



#30

Chloroform

Concen: 0.020 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX034229.D

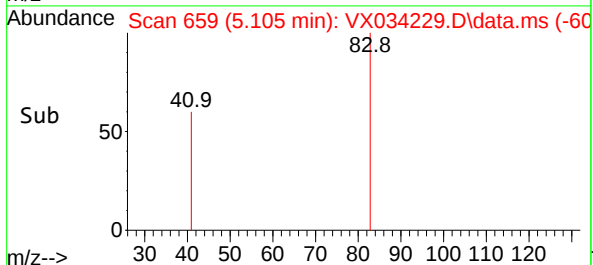
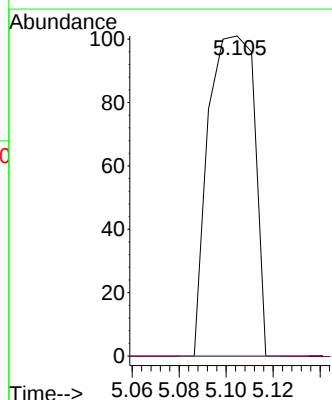
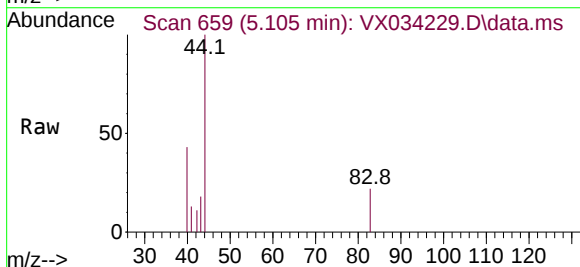
Acq: 22 Feb 2023 15:22

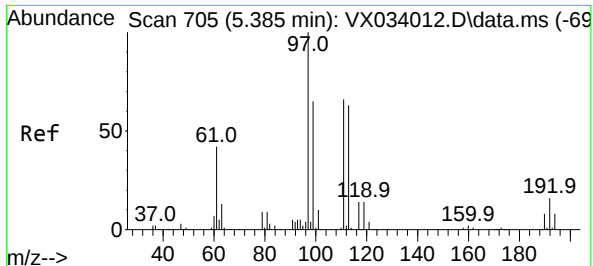
Tgt Ion: 83 Resp: 137

Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#





#32

1,1,1-Trichloroethane

Concen: 0.007 ug/l

RT: 5.538 min Scan# 71

Delta R.T. 0.159 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

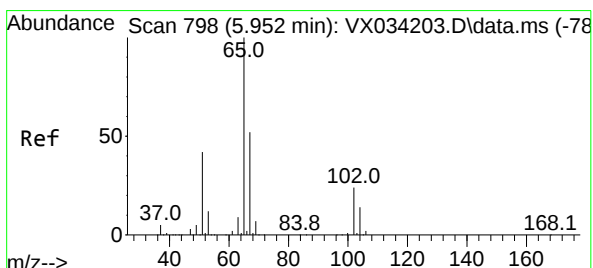
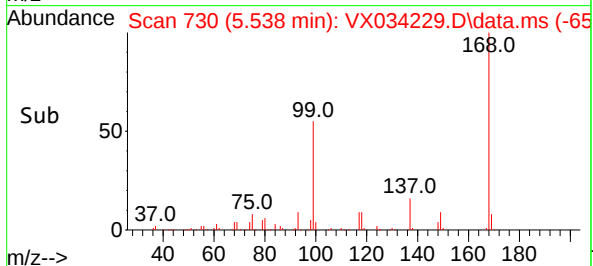
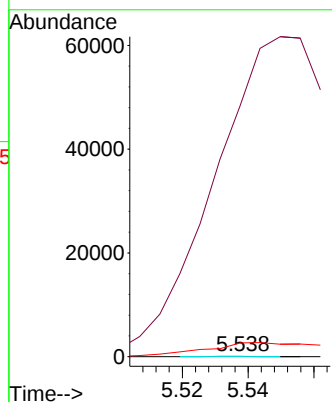
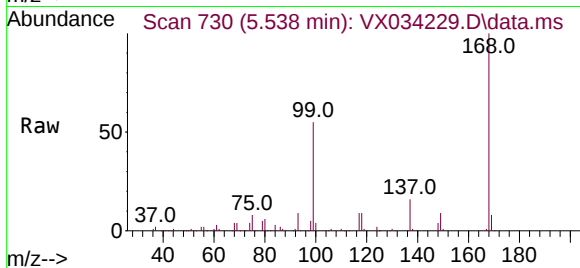
Tgt Ion: 97 Resp: 45

Ion Ratio Lower Upper

97 100

99 395980.0 52.3 78.5#

61 17622.2 35.2 52.8#



#33

1,2-Dichloroethane-d4

Concen: 43.905 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034229.D

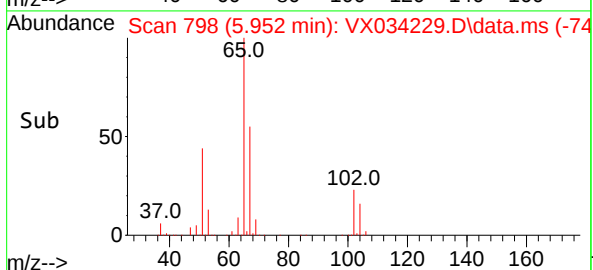
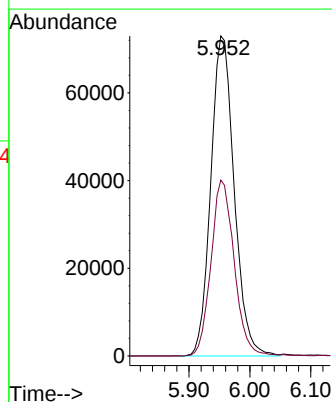
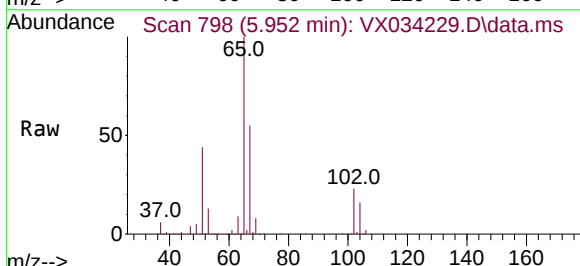
Acq: 22 Feb 2023 15:22

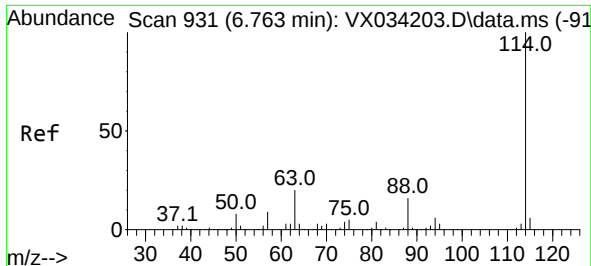
Tgt Ion: 65 Resp: 194775

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.8

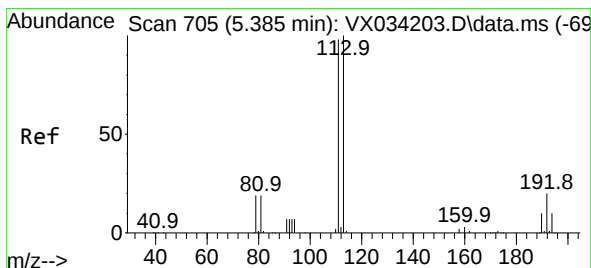
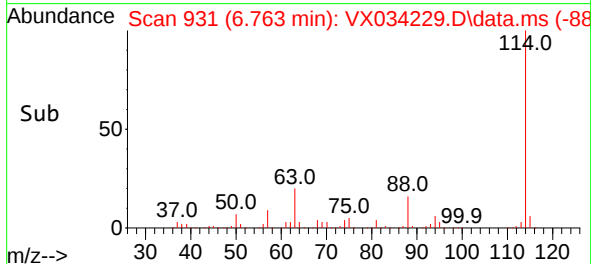
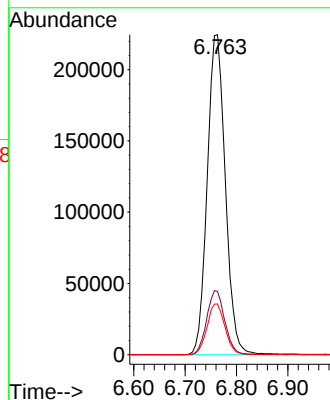
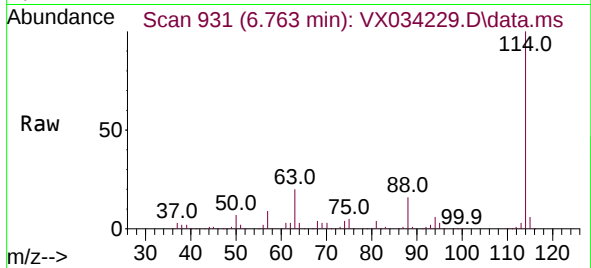




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

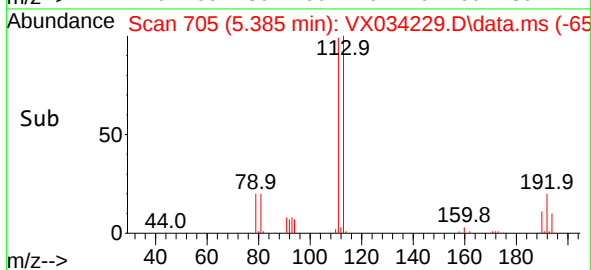
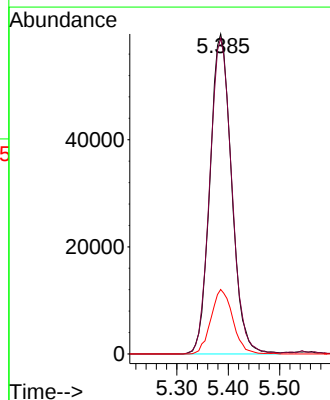
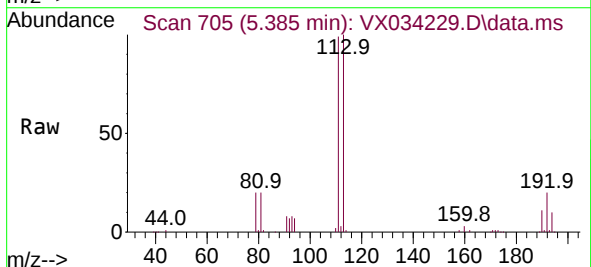
Instrument :
MSVOA_X
ClientSampleId :
IBLK

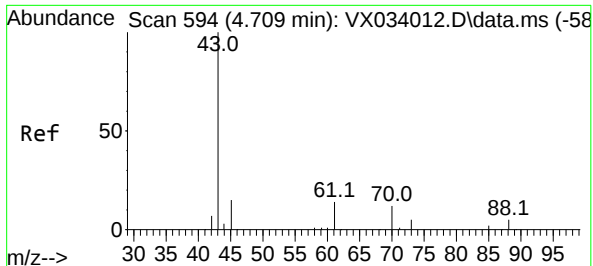
Tgt Ion:114 Resp: 548311
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.968 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion:113 Resp: 174818
Ion Ratio Lower Upper
113 100
111 99.9 83.0 124.6
192 20.3 19.0 28.4





#37

Ethyl Acetate

Concen: 0.037 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.018 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

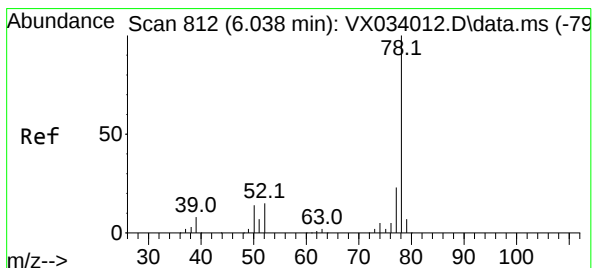
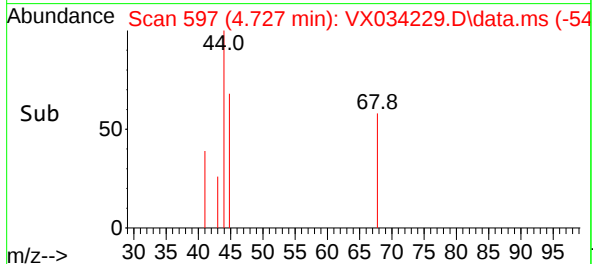
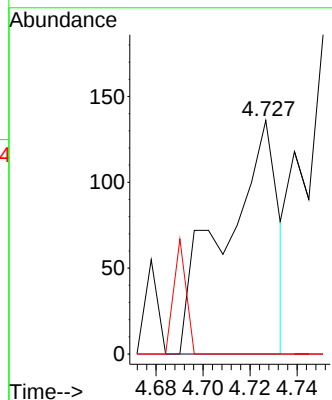
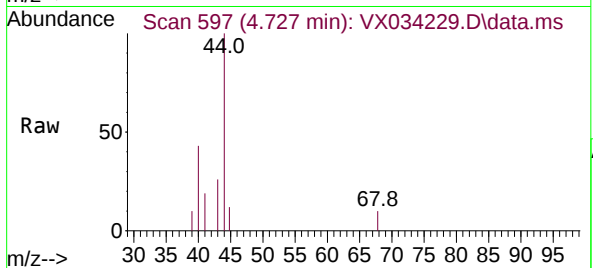
Tgt Ion: 43 Resp: 216

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#



#40

Benzene

Concen: 0.005 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034229.D

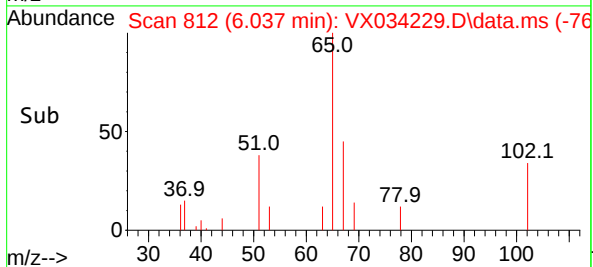
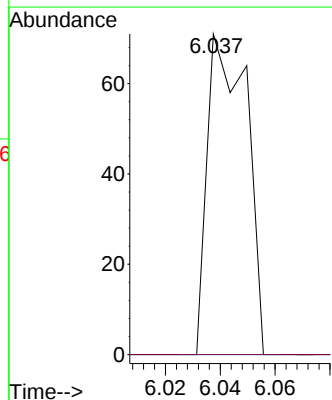
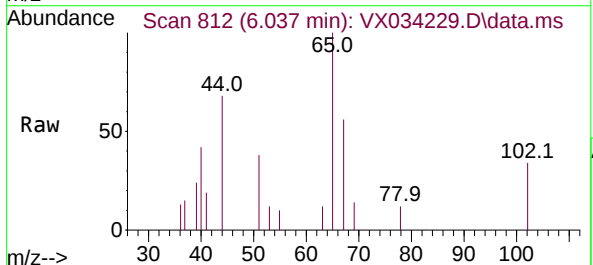
Acq: 22 Feb 2023 15:22

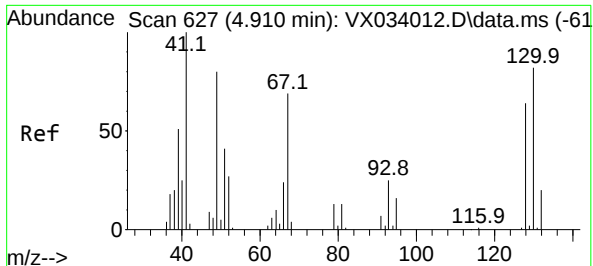
Tgt Ion: 78 Resp: 71

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#

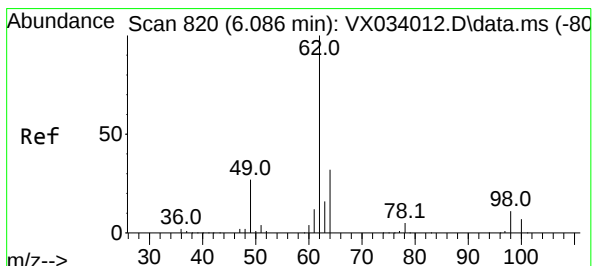
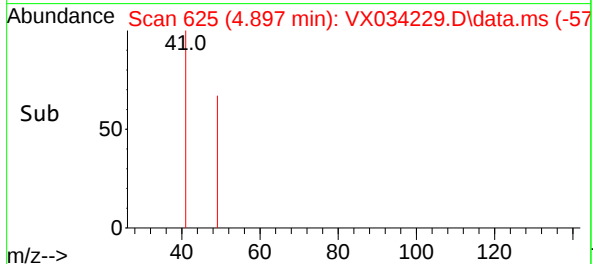
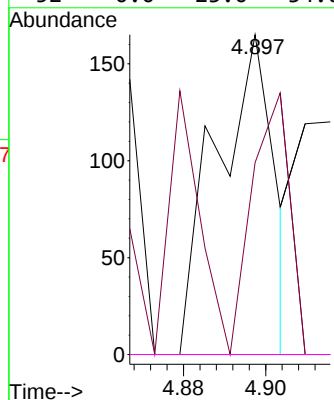
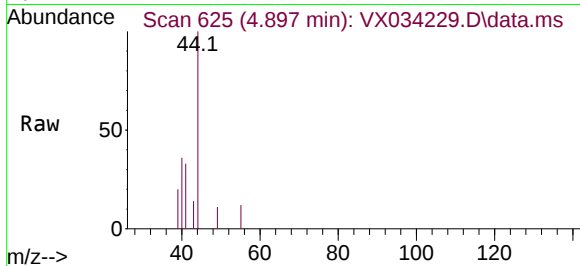




#41
Methacrylonitrile
Concen: 0.050 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

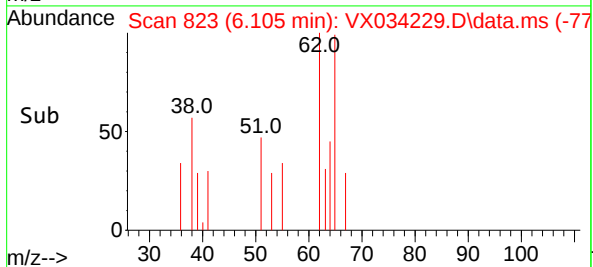
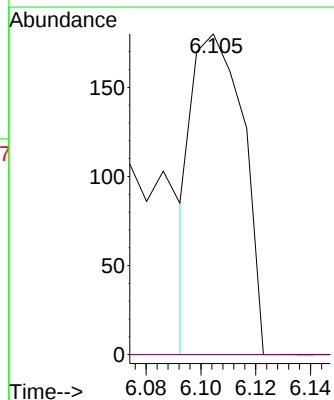
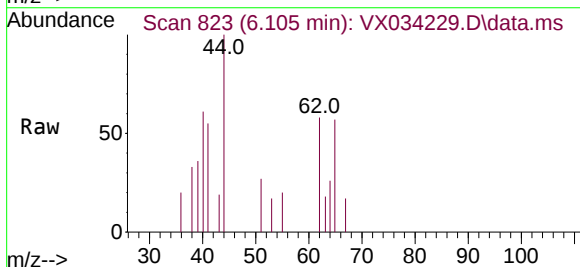
Instrument :
MSVOA_X
ClientSampleId :
IBLK

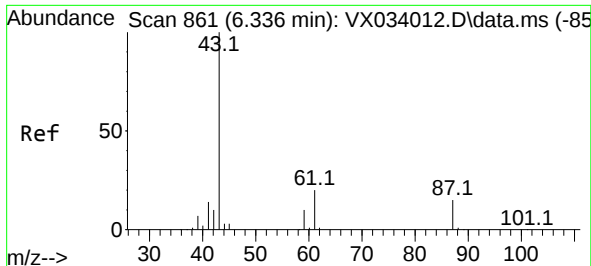
Tgt Ion: 41	Resp:	165
Ion	Ratio	Lower Upper
41	100	
39	52.1	43.8 65.6
67	0.0	54.8 82.2#
52	0.0	23.0 34.6#



#42
1,2-Dichloroethane
Concen: 0.042 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 62	Resp:	233
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 20.2

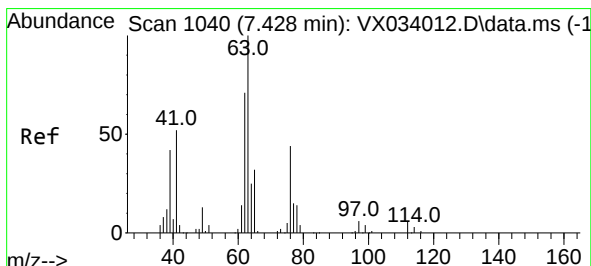
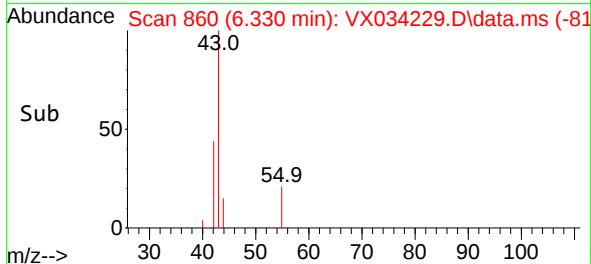
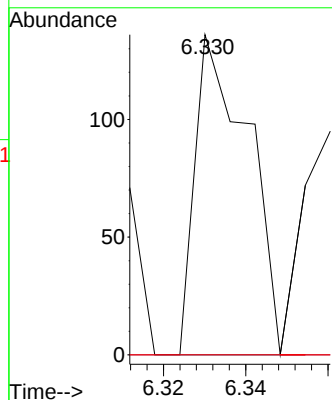
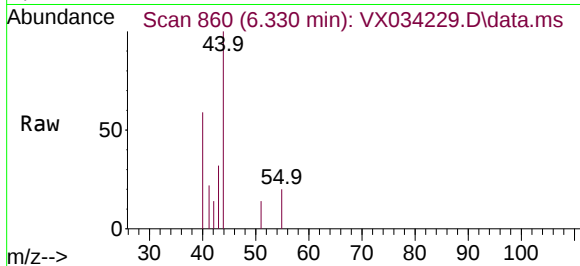




#43
Isopropyl Acetate
Concen: 0.012 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

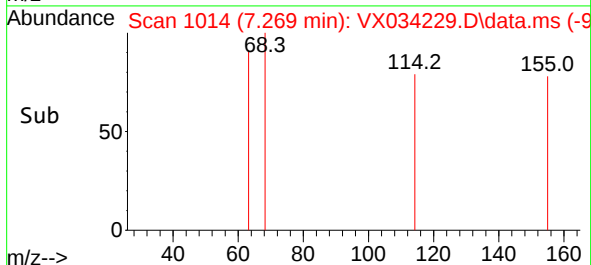
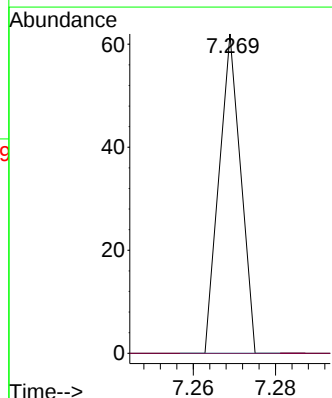
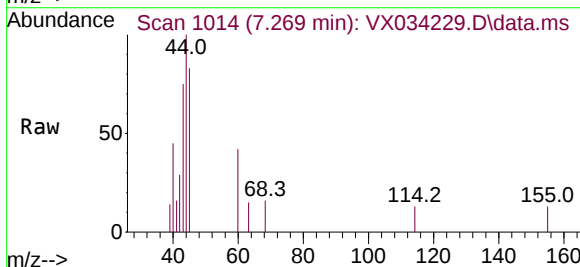
Instrument :
MSVOA_X
ClientSampleId :
IBLK

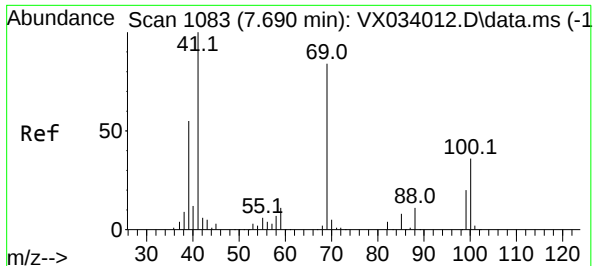
Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.6 15.8#



#45
1,2-Dichloropropane
Concen: 0.006 ug/l
RT: 7.269 min Scan# 1014
Delta R.T. -0.158 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#





#48

Methyl methacrylate

Concen: 0.030 ug/l

RT: 7.720 min Scan# 1

Delta R.T. 0.031 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

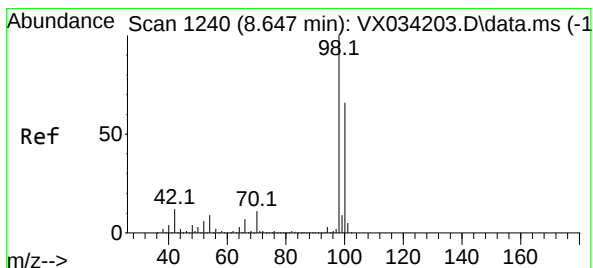
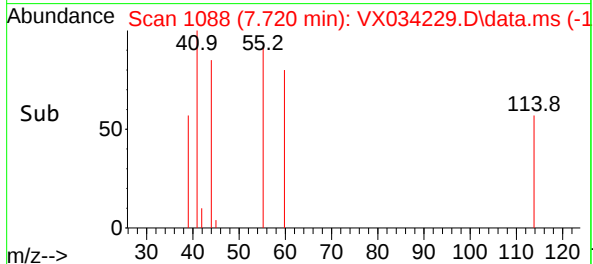
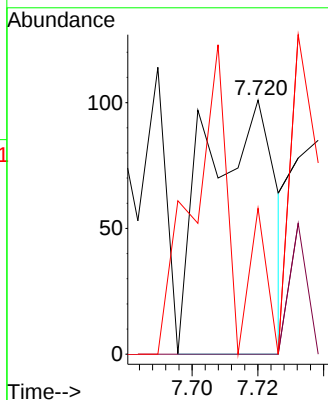
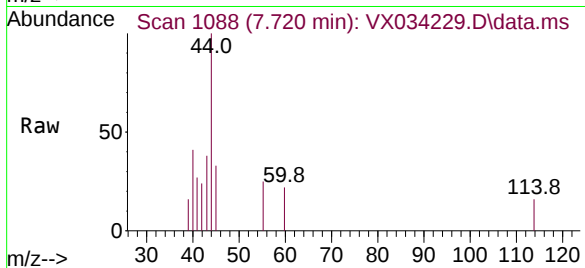
Tgt Ion: 41 Resp: 149

Ion Ratio Lower Upper

41 100

69 0.0 63.1 94.7#

39 72.5 43.2 64.8#



#50

Toluene-d8

Concen: 51.722 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034229.D

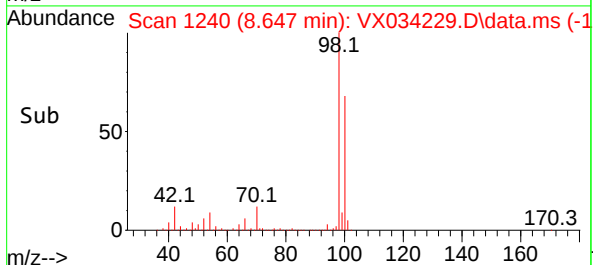
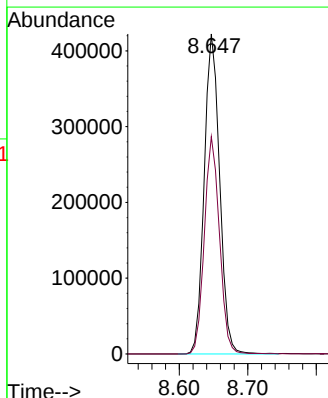
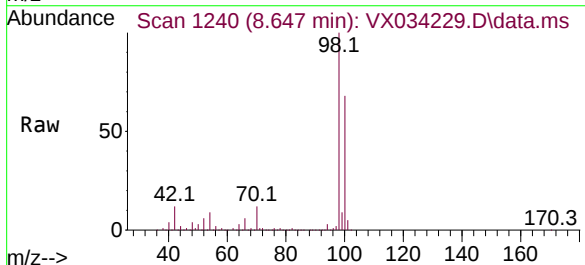
Acq: 22 Feb 2023 15:22

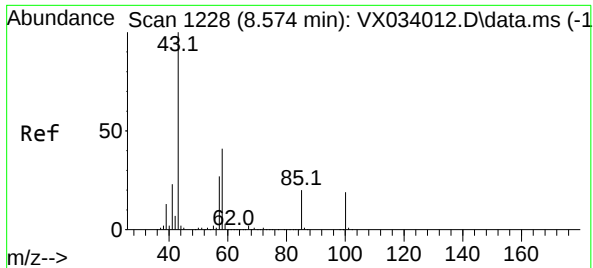
Tgt Ion: 98 Resp: 662952

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.024 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

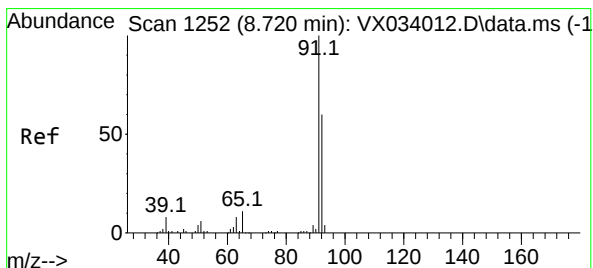
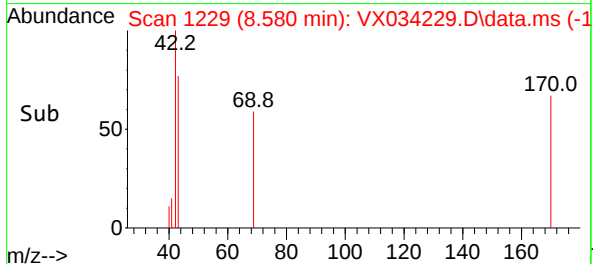
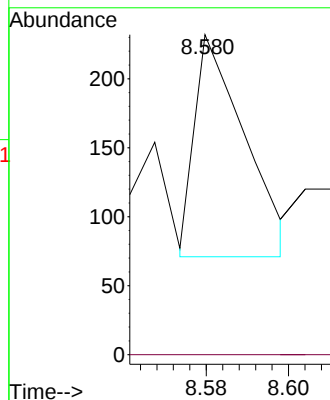
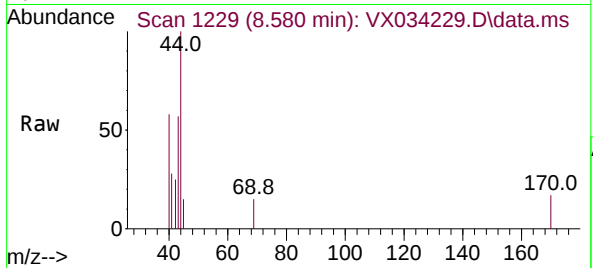
IBLK

Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

43 100

58 0.0 31.2 46.8#



#52

Toluene

Concen: 0.010 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.012 min

Lab File: VX034229.D

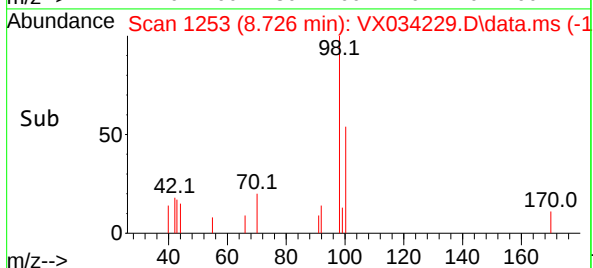
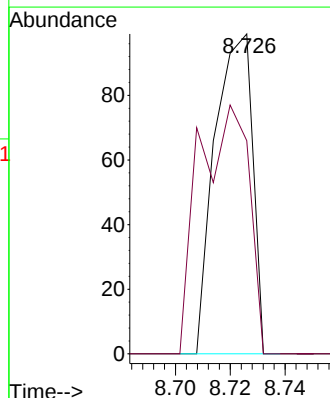
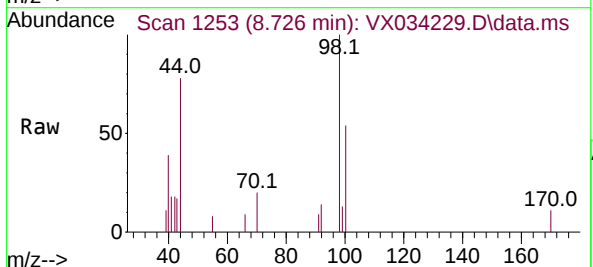
Acq: 22 Feb 2023 15:22

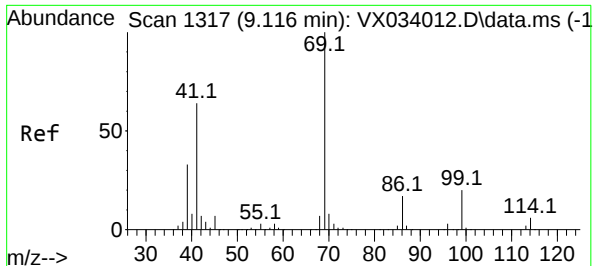
Tgt Ion: 92 Resp: 94

Ion Ratio Lower Upper

92 100

91 103.2 135.5 203.3#





#56

Ethyl methacrylate

Concen: 0.007 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.158 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

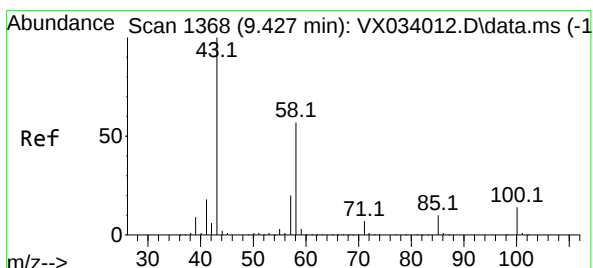
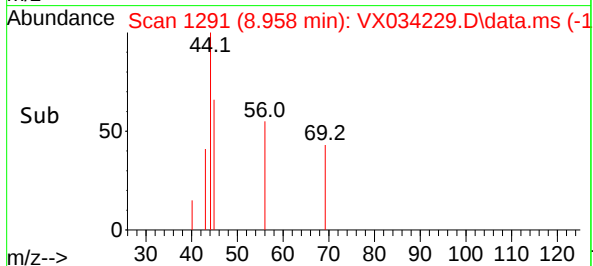
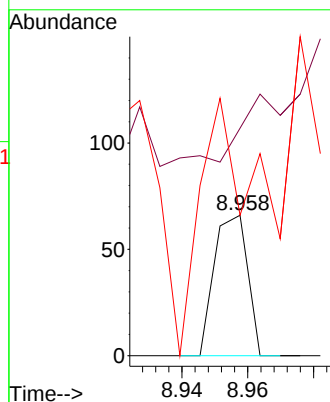
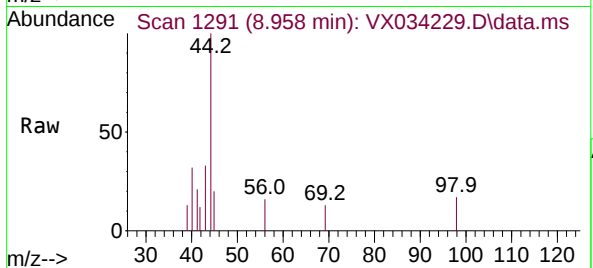
Tgt Ion: 69 Resp: 46

Ion Ratio Lower Upper

69 100

41 0.0 55.1 82.7#

39 213.0 28.5 42.7#



#59

2-Hexanone

Concen: 0.008 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX034229.D

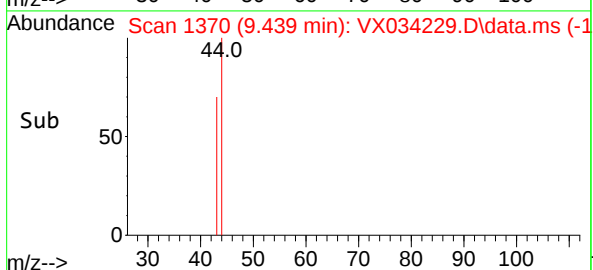
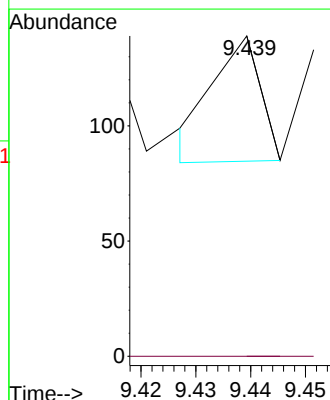
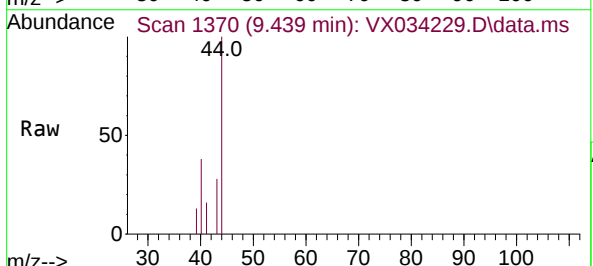
Acq: 22 Feb 2023 15:22

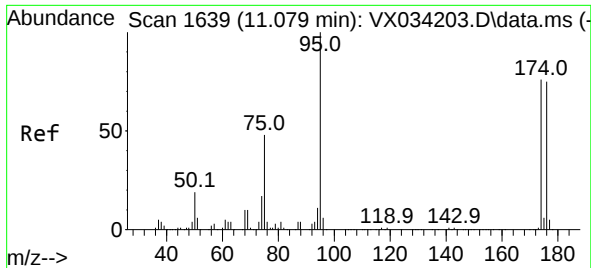
Tgt Ion: 43 Resp: 33

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.0#

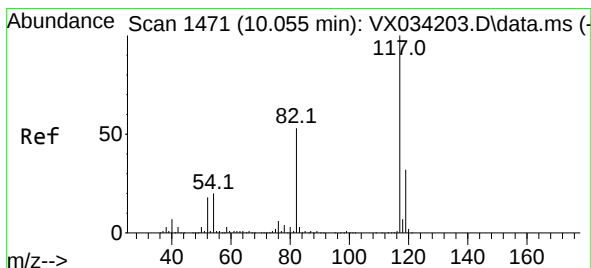
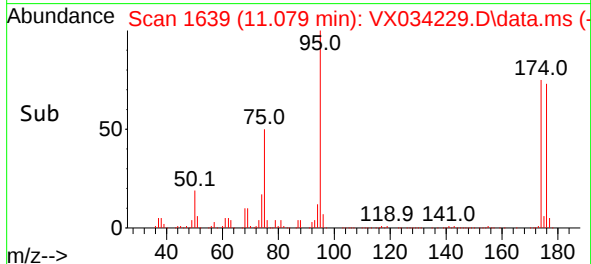
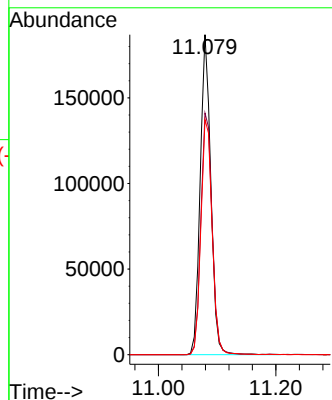
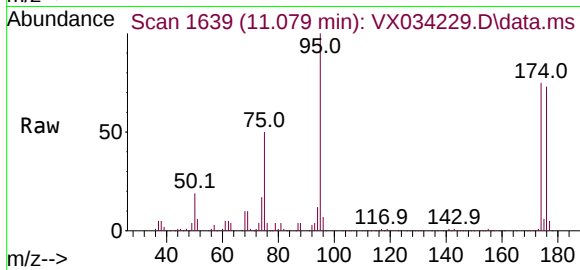




#62
4-Bromofluorobenzene
Concen: 47.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

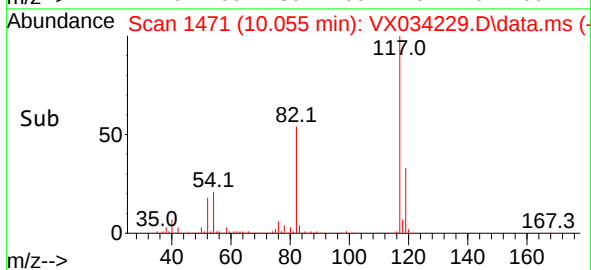
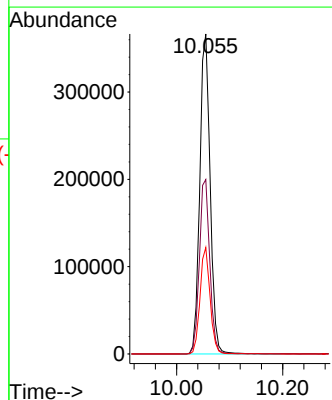
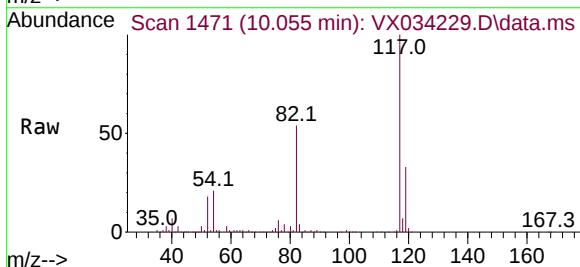
Instrument :
MSVOA_X
ClientSampleId :
IBLK

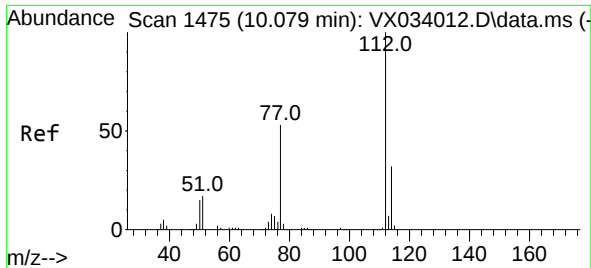
Tgt Ion: 95 Resp: 234319
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 77.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 117 Resp: 497457
Ion Ratio Lower Upper
117 100
82 54.5 40.6 60.8
119 33.2 25.6 38.4

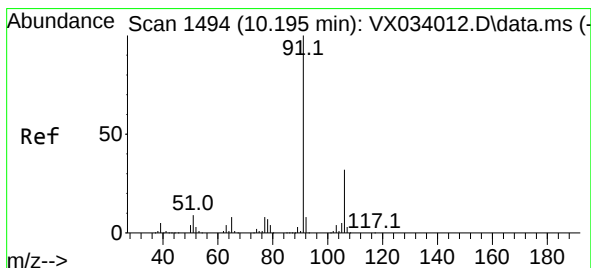
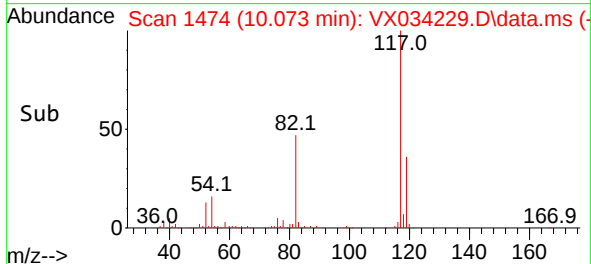
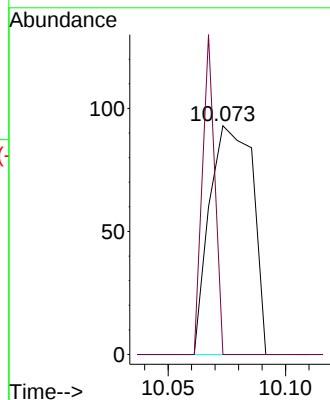
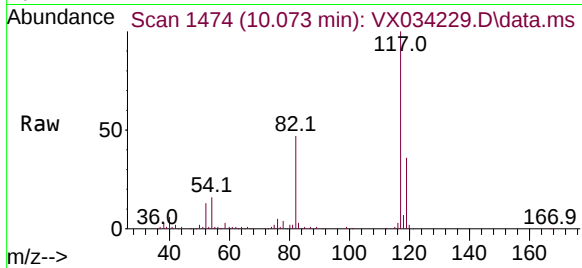




#65
Chlorobenzene
Concen: 0.011 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

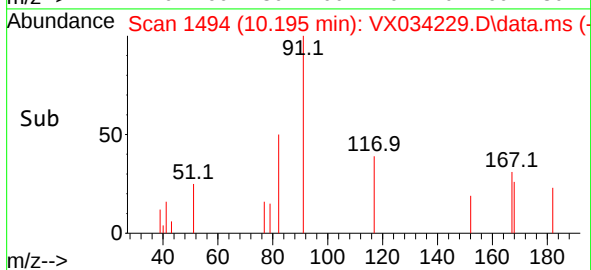
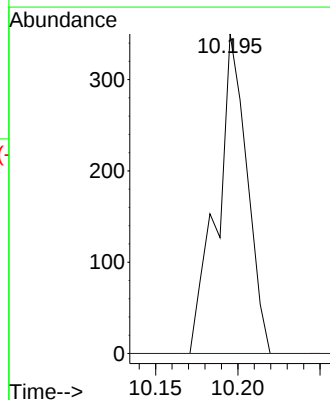
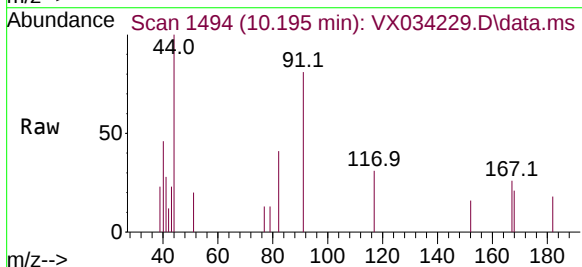
Instrument :
MSVOA_X
ClientSampleId :
IBLK

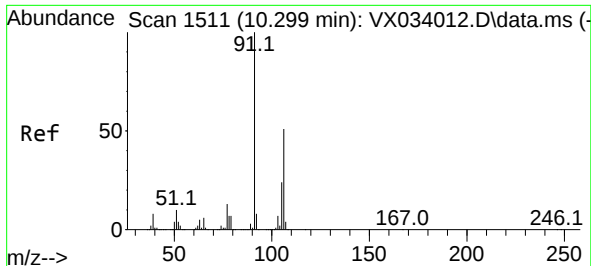
Tgt Ion:112 Resp: 119
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.4#



#67
Ethyl Benzene
Concen: 0.024 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 91 Resp: 442
Ion Ratio Lower Upper
91 100
106 0.0 25.8 38.8#

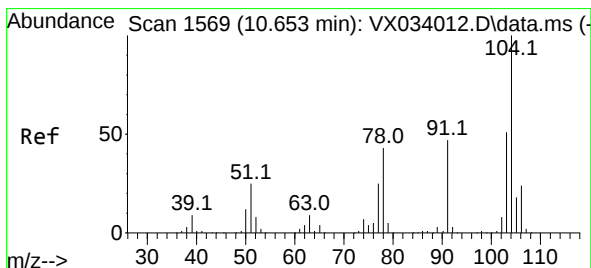
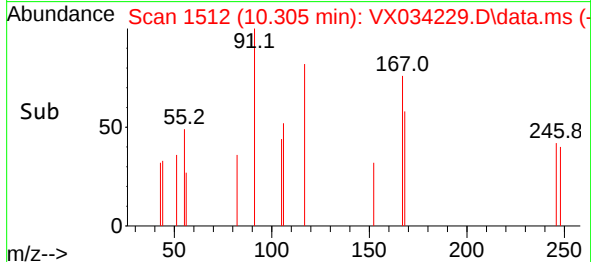
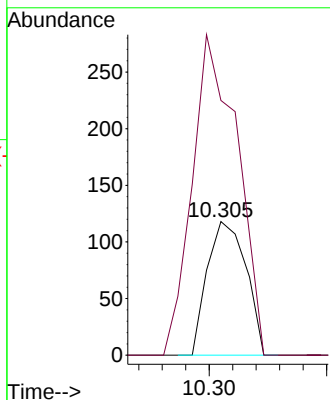
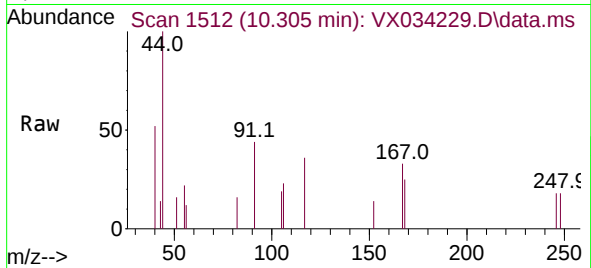




#68
m/p-Xylenes
Concen: 0.019 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

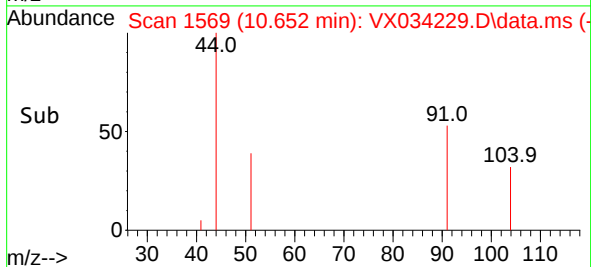
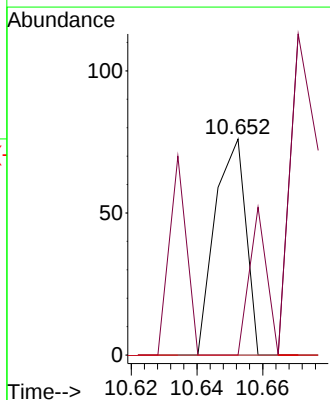
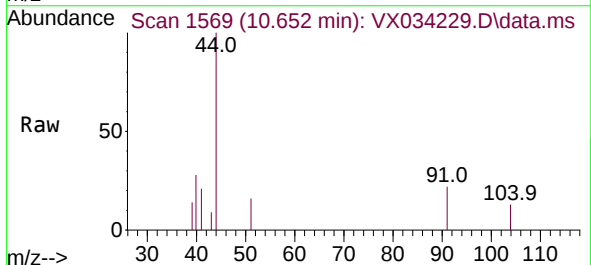
Instrument :
MSVOA_X
ClientSampleId :
IBLK

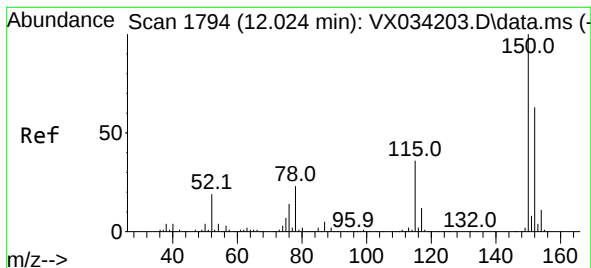
Tgt Ion:106 Resp: 135
Ion Ratio Lower Upper
106 100
91 279.3 156.4 234.6#



#70
Styrene
Concen: 0.004 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion:104 Resp: 49
Ion Ratio Lower Upper
104 100
78 53.1 37.5 56.3
103 0.0 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

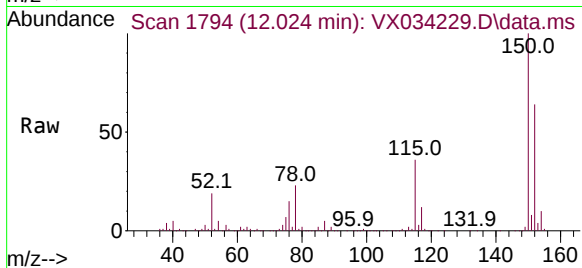
Tgt Ion:152 Resp: 232185

Ion Ratio Lower Upper

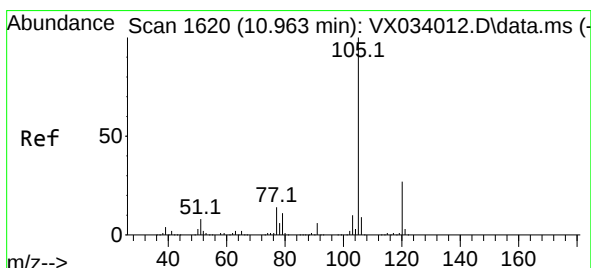
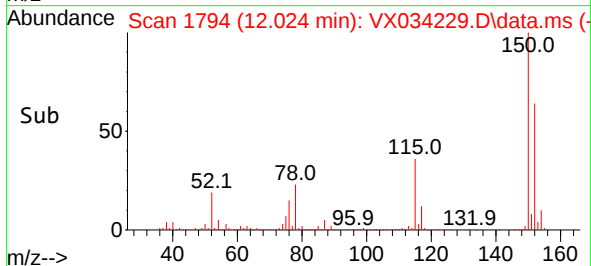
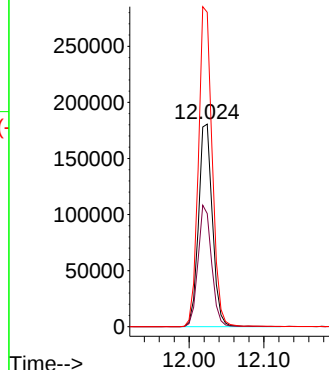
152 100

115 58.6 38.7 116.1

150 157.2 0.0 348.2



Abundance



#73

Isopropylbenzene

Concen: 0.008 ug/l

RT: 10.969 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VX034229.D

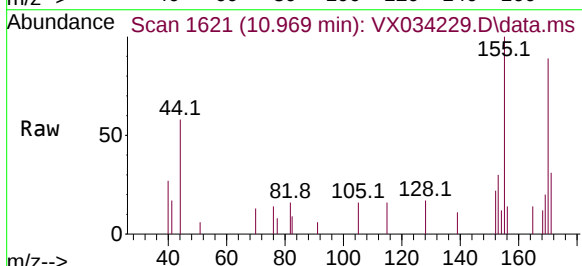
Acq: 22 Feb 2023 15:22

Tgt Ion:105 Resp: 137

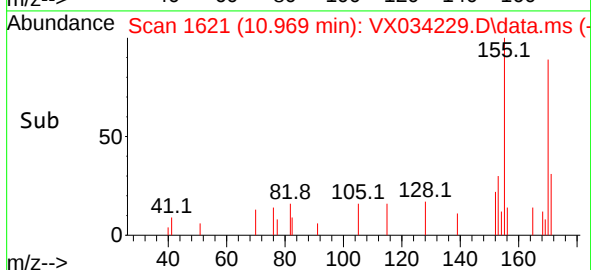
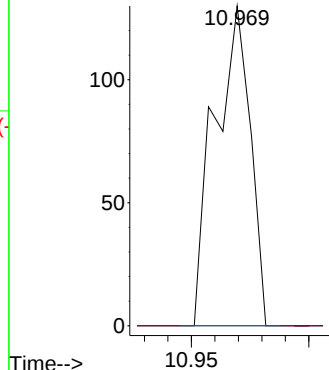
Ion Ratio Lower Upper

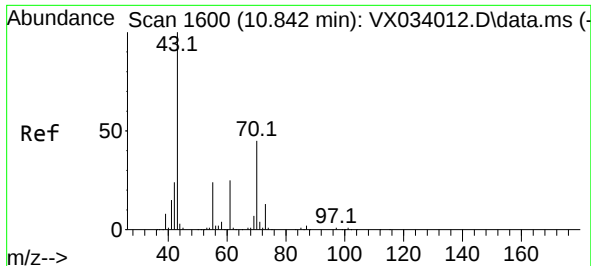
105 100

120 0.0 13.6 40.8#



Abundance

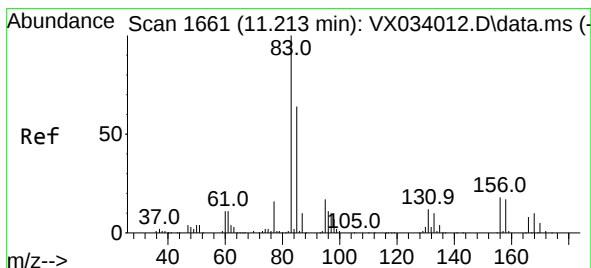
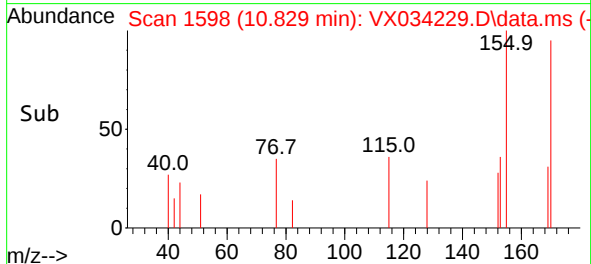
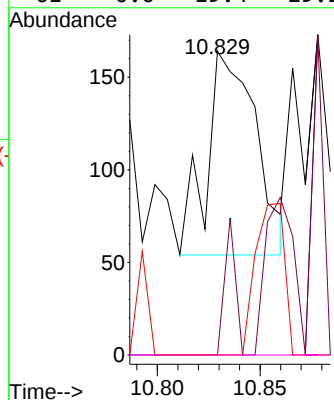
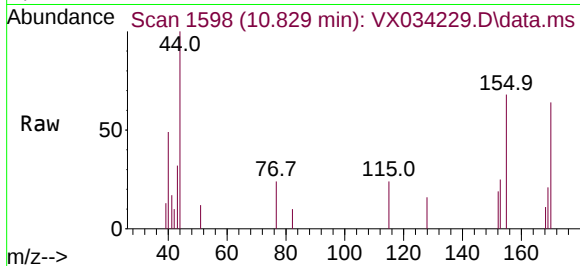




#74
N-amy1 acetate
Concen: 0.021 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

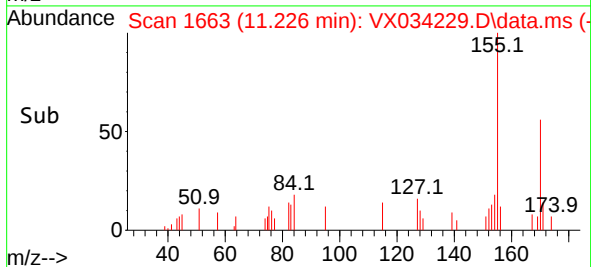
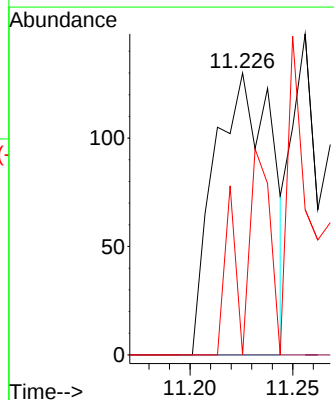
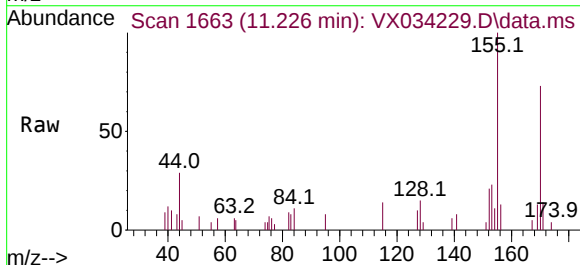
Instrument :
MSVOA_X
ClientSampleId :
IBLK

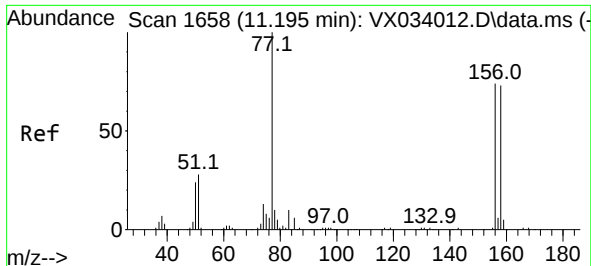
Tgt Ion: 43	Resp:	183
Ion	Ratio	Lower Upper
43	100	
70	0.0	34.8 52.2#
55	0.0	19.4 29.0#
61	0.0	19.4 29.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.042 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.012 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 83	Resp:	253
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.5 16.7#
85	36.4	32.3 96.9

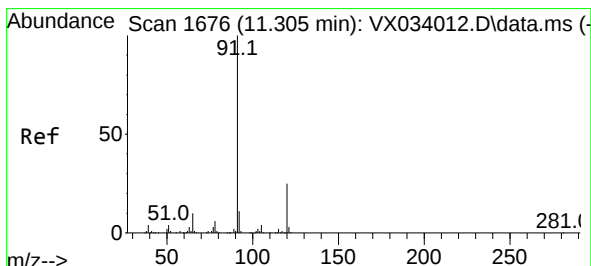
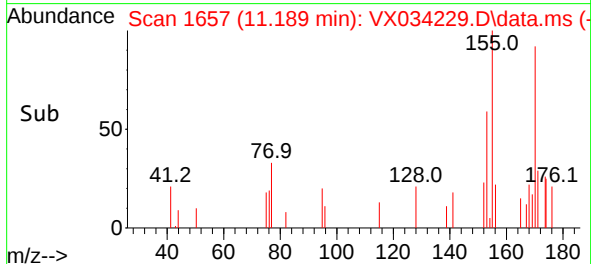
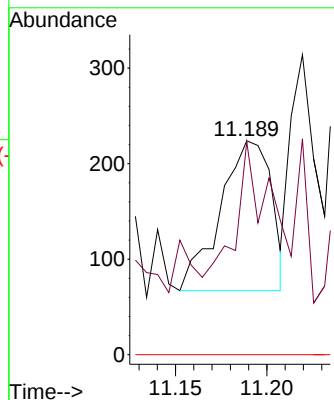
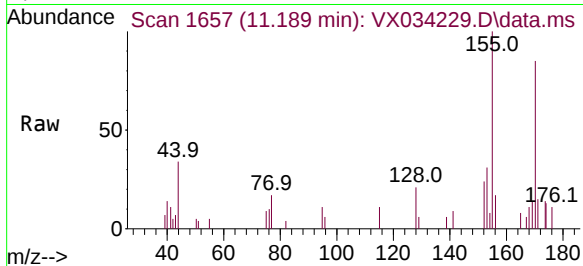




#77
Bromobenzene
Concen: 0.072 ug/l
RT: 11.189 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

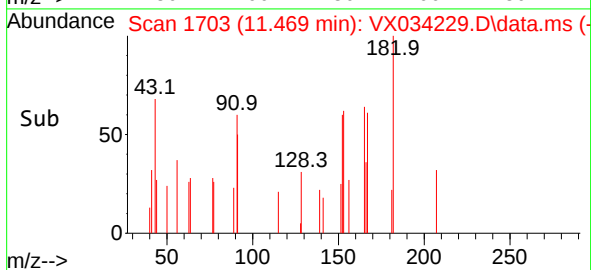
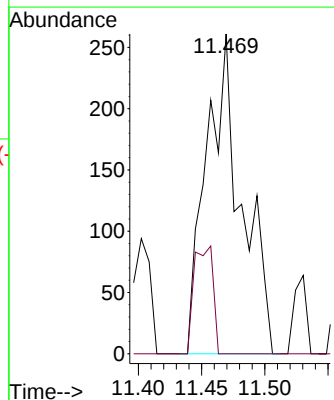
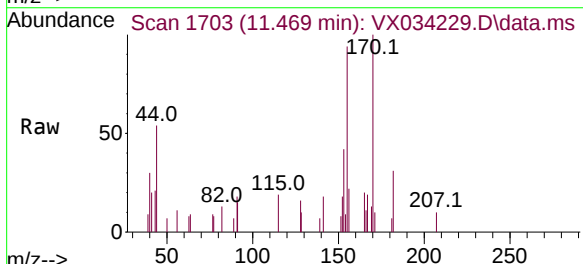
Instrument :
MSVOA_X
ClientSampleId :
IBLK

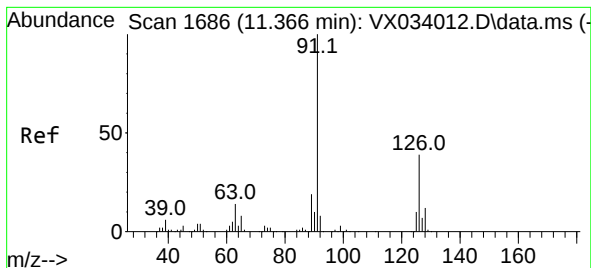
Tgt Ion:156 Resp: 306
Ion Ratio Lower Upper
156 100
77 72.9 68.1 204.3
158 0.0 48.0 144.2#



#78
n-propylbenzene
Concen: 0.025 ug/l
RT: 11.469 min Scan# 1703
Delta R.T. 0.165 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 91 Resp: 506
Ion Ratio Lower Upper
91 100
120 18.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 0.022 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

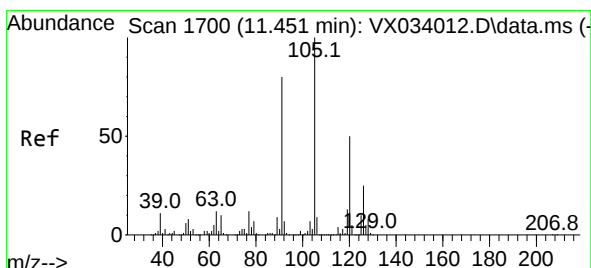
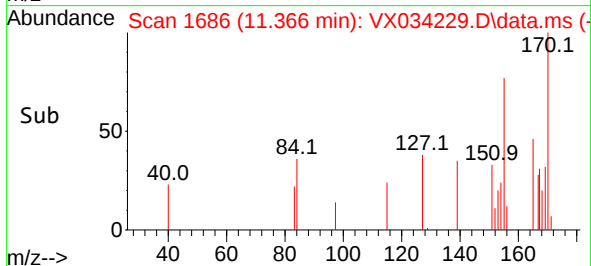
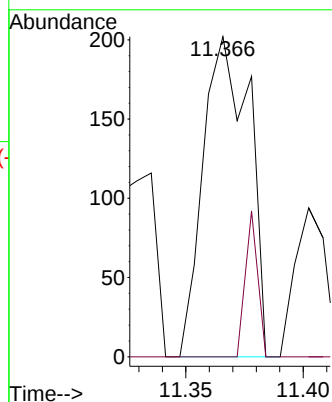
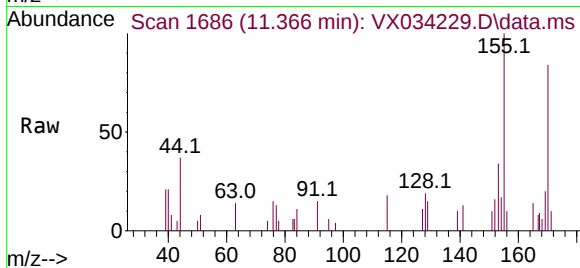
IBLK

Tgt Ion: 91 Resp: 275

Ion Ratio Lower Upper

91 100

126 12.4 18.1 54.1#



#80

1,3,5-Trimethylbenzene

Concen: 0.016 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX034229.D

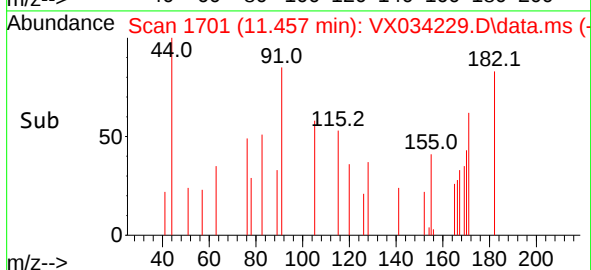
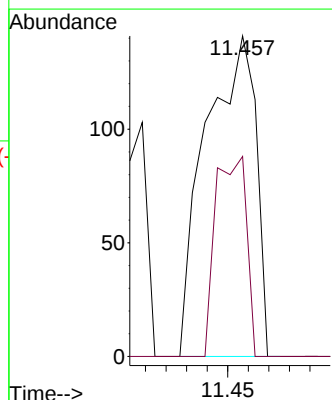
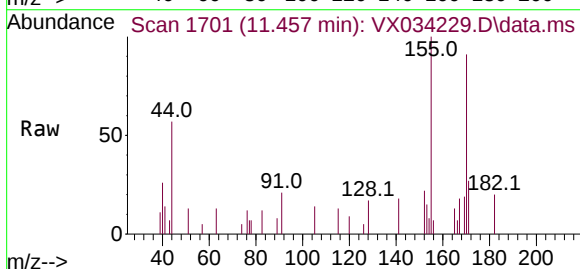
Acq: 22 Feb 2023 15:22

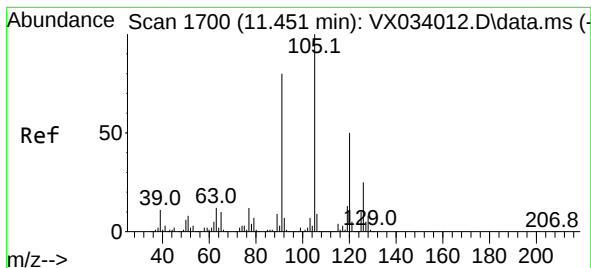
Tgt Ion: 105 Resp: 239

Ion Ratio Lower Upper

105 100

120 38.5 25.6 76.8





#82

4-Chlorotoluene

Concen: 0.035 ug/l

RT: 11.469 min Scan# 1703

Delta R.T. 0.012 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

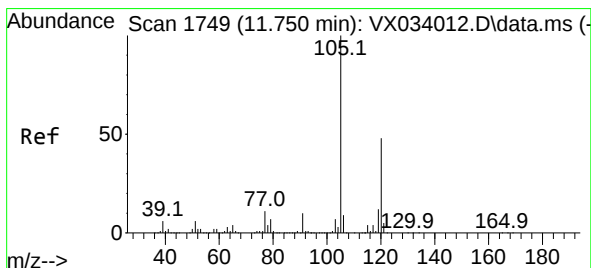
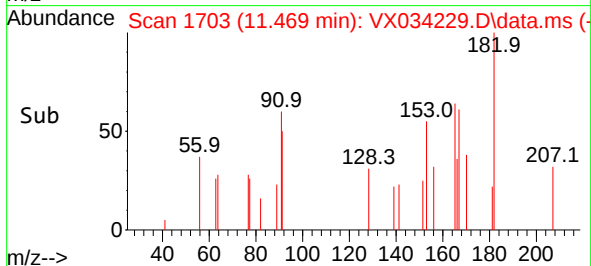
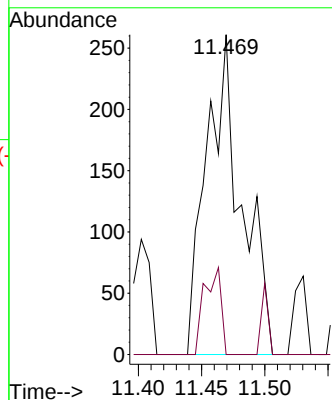
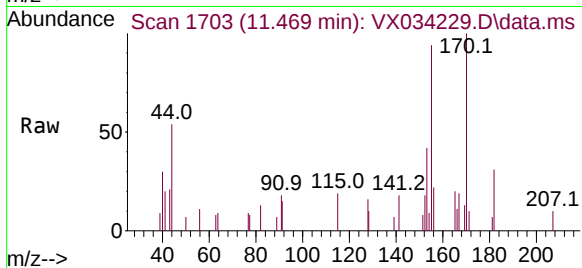
IBLK

Tgt Ion: 91 Resp: 506

Ion Ratio Lower Upper

91 100

126 13.0 15.8 47.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.037 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034229.D

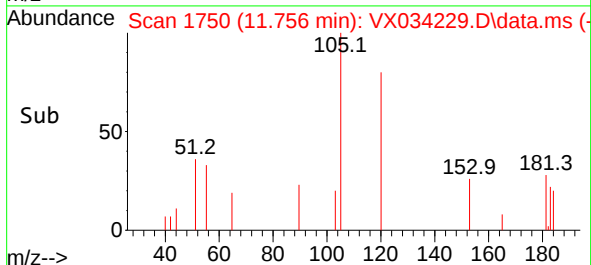
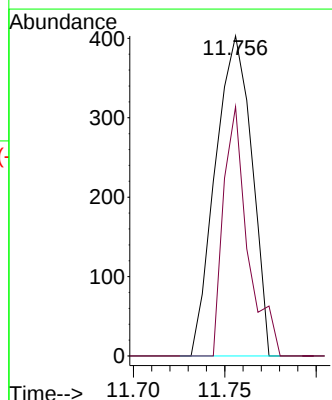
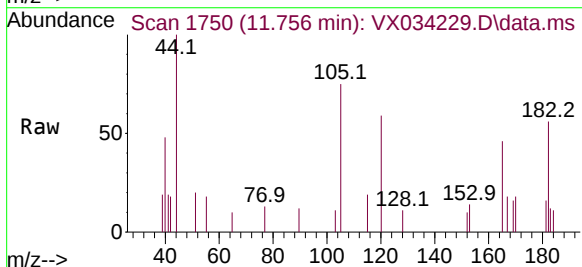
Acq: 22 Feb 2023 15:22

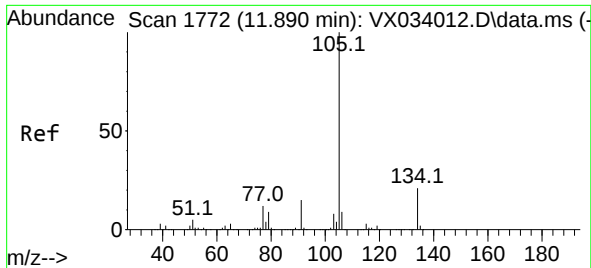
Tgt Ion: 105 Resp: 559

Ion Ratio Lower Upper

105 100

120 51.7 23.4 70.2

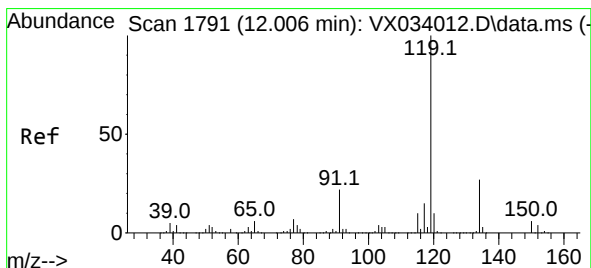
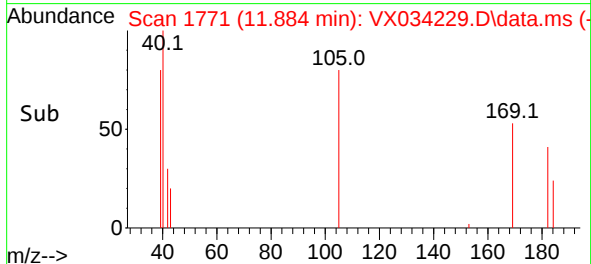
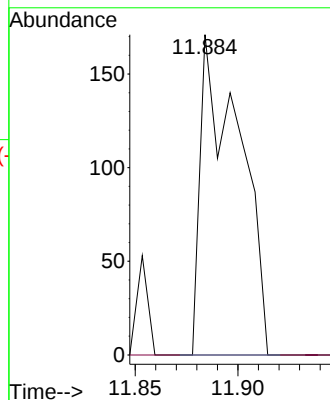
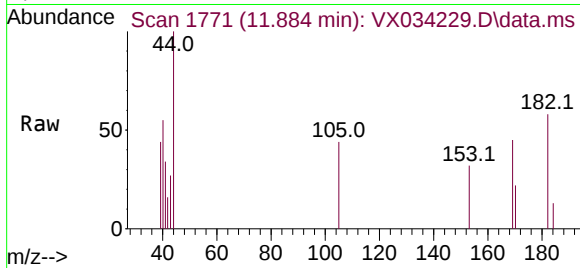




#85
 sec-Butylbenzene
 Concen: 0.012 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX034229.D
 Acq: 22 Feb 2023 15:22

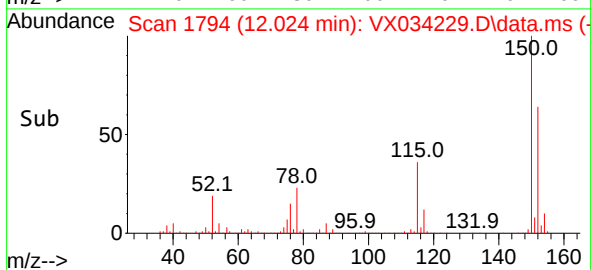
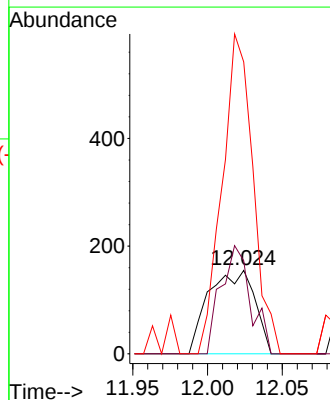
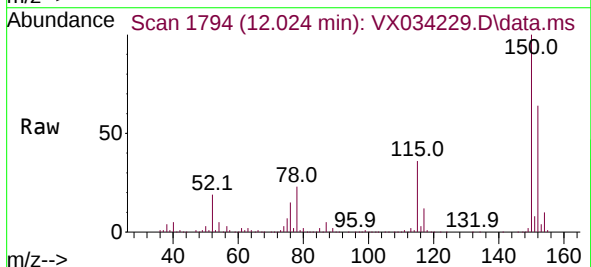
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

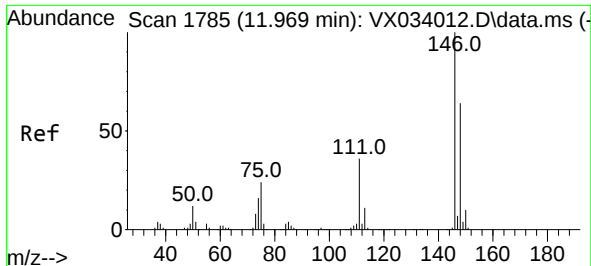
Tgt Ion:105 Resp: 225
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.3#



#86
 p-Isopropyltoluene
 Concen: 0.022 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.012 min
 Lab File: VX034229.D
 Acq: 22 Feb 2023 15:22

Tgt Ion:119 Resp: 332
 Ion Ratio Lower Upper
 119 100
 134 83.7 13.6 40.8#
 91 256.9 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.013 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

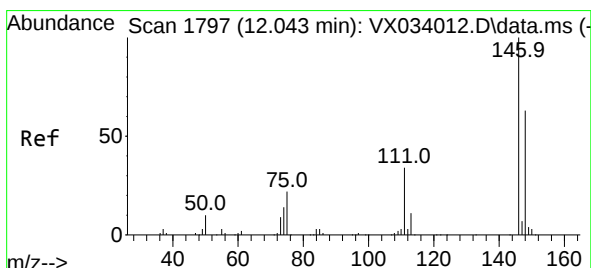
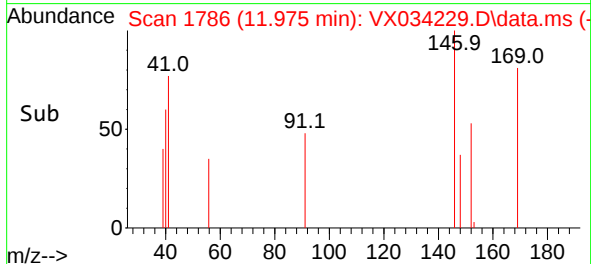
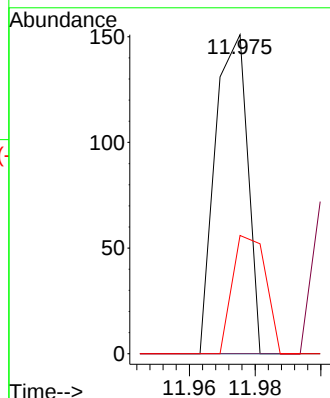
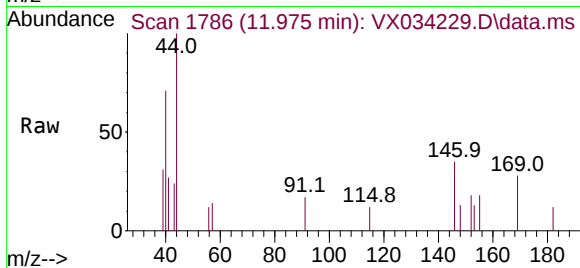
Tgt Ion:146 Resp: 103

Ion Ratio Lower Upper

146 100

111 0.0 18.6 55.6#

148 38.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.038 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

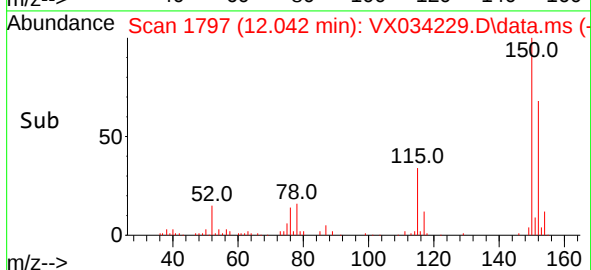
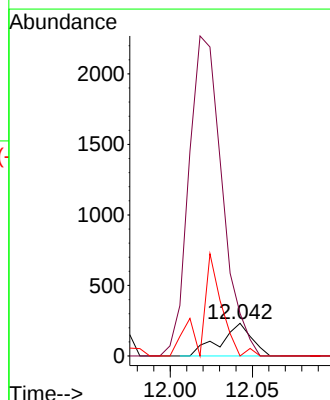
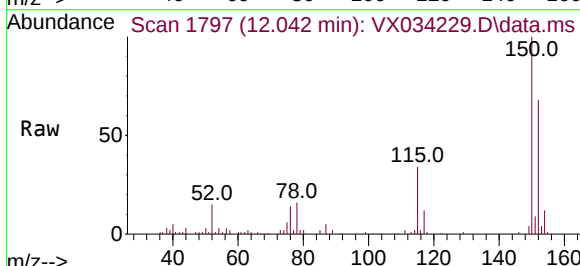
Tgt Ion:146 Resp: 308

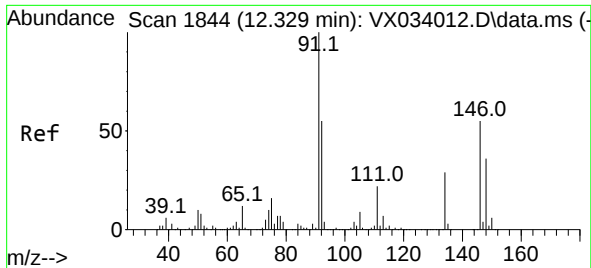
Ion Ratio Lower Upper

146 100

111 0.0 17.8 53.4#

148 0.0 32.1 96.3#

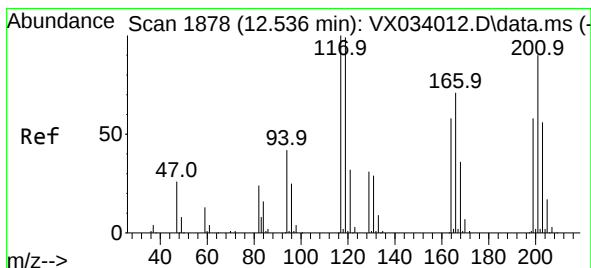
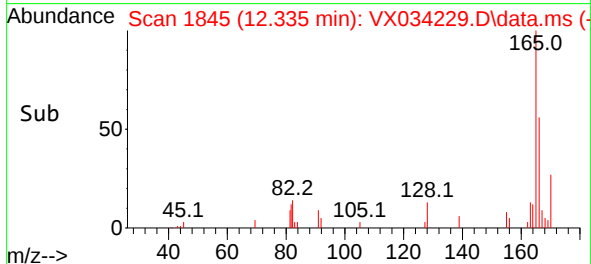
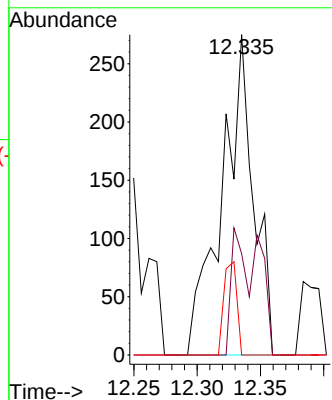
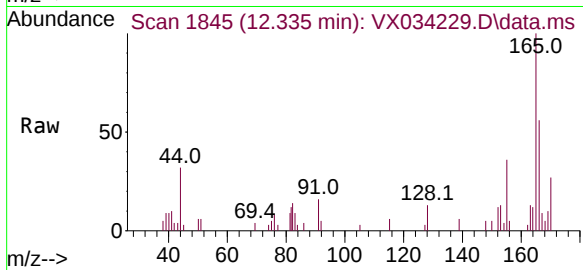




#89
n-Butylbenzene
Concen: 0.035 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

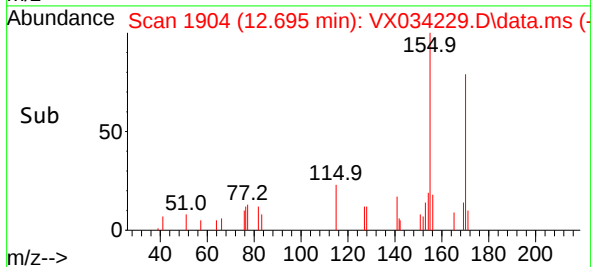
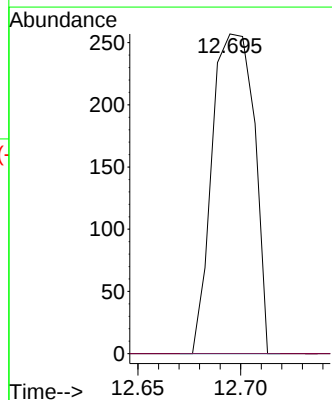
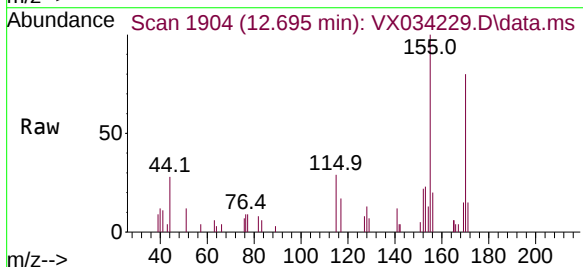
Instrument :
MSVOA_X
ClientSampleId :
IBLK

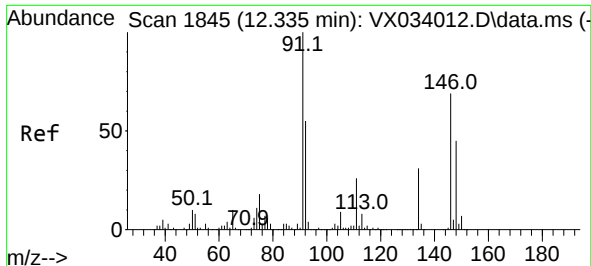
Tgt Ion: 91 Resp: 481
Ion Ratio Lower Upper
91 100
92 18.7 27.5 82.5#
134 11.6 14.3 42.9#



#90
Hexachloroethane
Concen: 0.114 ug/l
RT: 12.695 min Scan# 1904
Delta R.T. 0.159 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 117 Resp: 366
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#





#91

1,2-Dichlorobenzene

Concen: 0.003 ug/l

RT: 12.353 min Scan# 1845

Delta R.T. 0.018 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

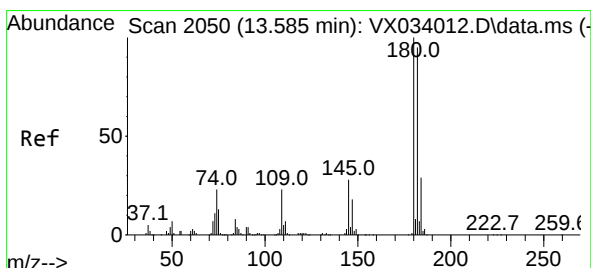
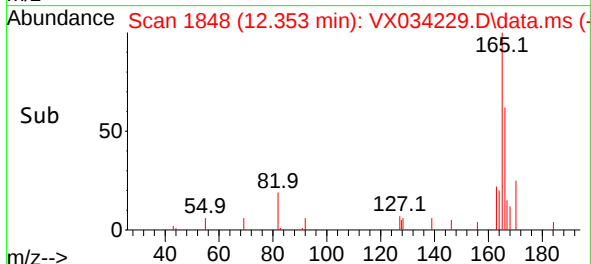
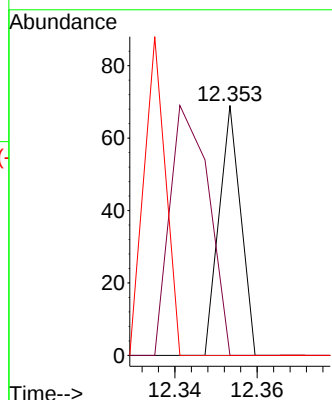
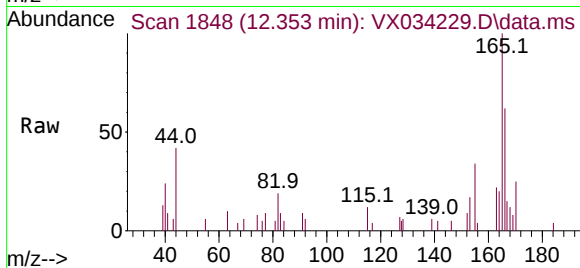
Tgt Ion:146 Resp: 25

Ion Ratio Lower Upper

146 100

111 180.0 19.3 57.8#

148 128.0 32.3 96.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.044 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

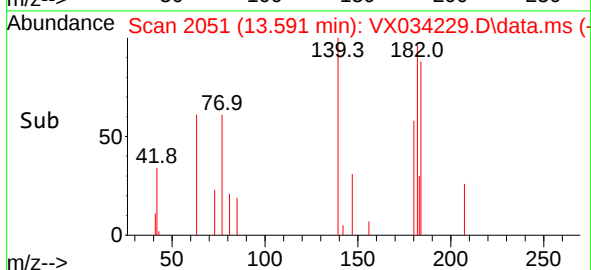
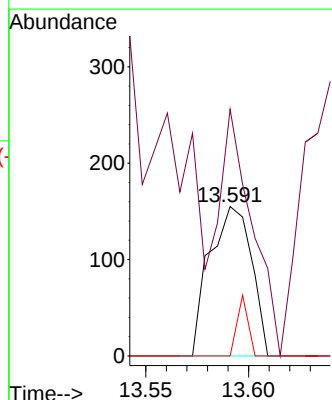
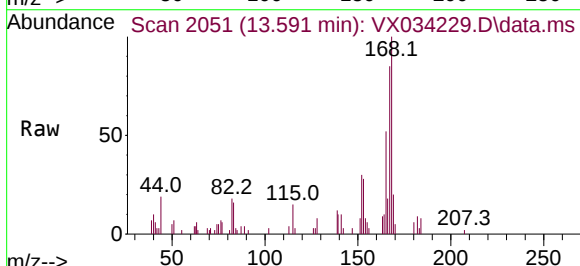
Tgt Ion:180 Resp: 220

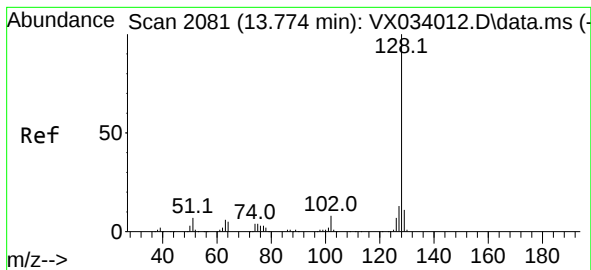
Ion Ratio Lower Upper

180 100

182 130.5 47.9 143.6

145 10.5 14.1 42.2#





#95

Naphthalene

Concen: 1.917 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

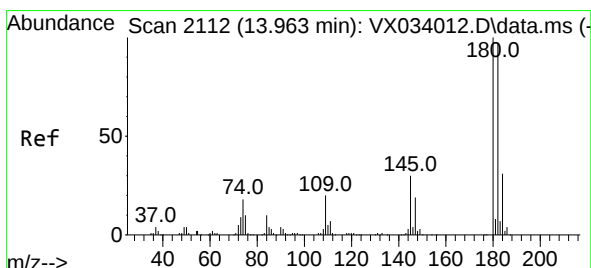
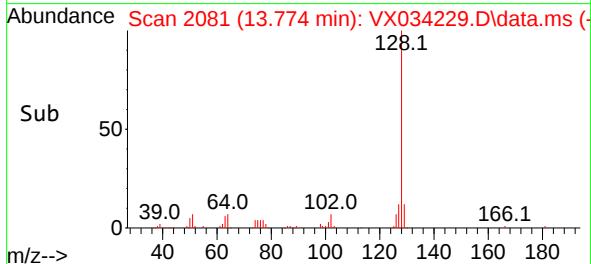
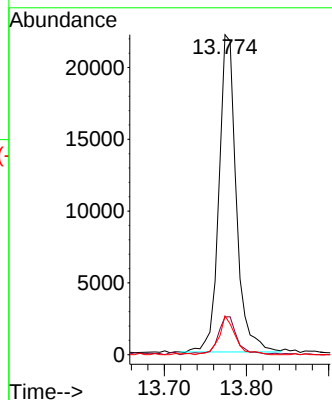
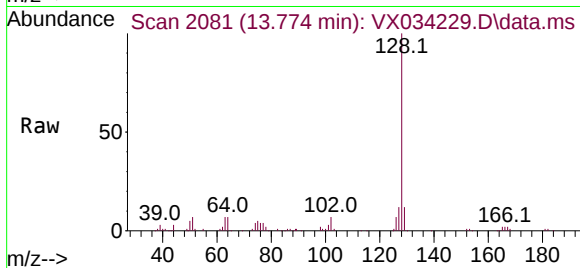
Tgt Ion:128 Resp: 32402

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.019 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Tgt Ion:180 Resp: 94

Ion Ratio Lower Upper

180 100

182 184.0 47.6 142.9#

145 23.4 15.1 45.3

