

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036636.D
 Acq On : 24 Jul 2023 17:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:38:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114952	45.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.960%
35) Dibromofluoromethane	5.385	113	95875	46.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	358677	48.873	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	133485	48.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.420%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.288	85	21	0.009	ug/l #	41
3) Chloromethane	1.294	50	84	0.041	ug/l #	43
4) Vinyl Chloride	1.642	62	24	0.012	ug/l #	86
5) Bromomethane	1.611	94	67	0.054	ug/l #	29
6) Chloroethane	1.685	64	161	0.160	ug/l #	43
11) Tert butyl alcohol	2.989	59	31	0.052	ug/l #	1
12) 1,1-Dichloroethene	2.215	96	103	0.054	ug/l #	1
14) Allyl chloride	2.648	41	125	0.034	ug/l #	50
15) Acrylonitrile	3.142	53	29	0.024	ug/l #	17
16) Acetone	2.386	43	4800	4.626	ug/l	97
17) Carbon Disulfide	2.514	76	670	0.128	ug/l #	76
18) Methyl Acetate	2.709	43	238	0.055	ug/l #	53
23) Vinyl Acetate	3.727	43	60	0.011	ug/l #	73
26) 2,2-Dichloropropane	4.574	77	525	0.140	ug/l #	54
29) Tetrahydrofuran	5.025	42	172	0.158	ug/l #	34
30) Chloroform	5.086	83	19	0.005	ug/l #	19
32) 1,1,1-Trichloroethane	5.562	97	59	0.016	ug/l #	1
37) Ethyl Acetate	4.739	43	87	0.025	ug/l #	69
40) Benzene	6.044	78	367	0.041	ug/l #	51
41) Methacrylonitrile	4.928	41	37	0.020	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	125	0.038	ug/l #	77
43) Isopropyl Acetate	6.336	43	105	0.017	ug/l #	62
48) Methyl methacrylate	7.683	41	62	0.022	ug/l #	16
52) Toluene	8.720	92	432	0.077	ug/l	78
56) Ethyl methacrylate	9.177	69	39	0.010	ug/l #	1
59) 2-Hexanone	9.415	43	74	0.030	ug/l #	26
61) 1,2-Dibromoethane	9.628	107	19	0.008	ug/l #	3
65) Chlorobenzene	10.079	112	52	0.009	ug/l #	43
67) Ethyl Benzene	10.189	91	217	0.020	ug/l #	85
68) m/p-Xylenes	10.299	106	293	0.072	ug/l	99
69) o-Xylene	10.646	106	62	0.015	ug/l #	1
70) Styrene	10.659	104	209	0.031	ug/l #	31
73) Isopropylbenzene	10.963	105	110	0.011	ug/l #	49
74) N-amyl acetate	10.860	43	224	0.049	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.079	83	121	0.036	ug/l #	1
78) n-propylbenzene	11.378	91	95	0.008	ug/l	97

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

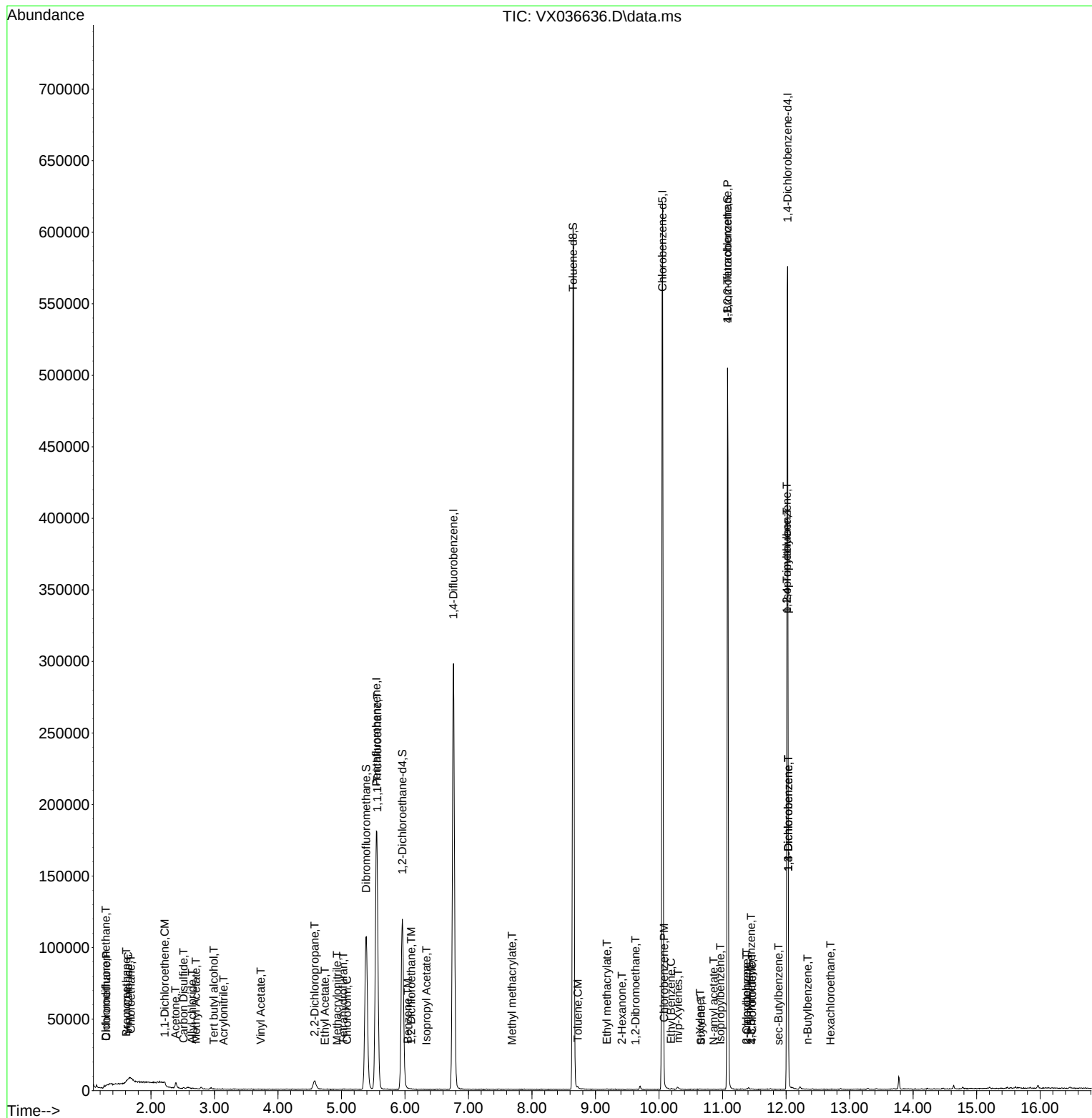
79) 2-Chlorotoluene	11.378	91	95	0.014	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	125	0.015	ug/l #	29
82) 4-Chlorotoluene	11.463	91	72	0.009	ug/l #	46
84) 1,2,4-Trimethylbenzene	12.012	105	204	0.025	ug/l	89
85) sec-Butylbenzene	11.884	105	85	0.008	ug/l #	57
86) p-Isopropyltoluene	12.012	119	123	0.015	ug/l #	1
87) 1,3-Dichlorobenzene	12.036	146	86	0.021	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	86	0.021	ug/l #	1
89) n-Butylbenzene	12.341	91	238	0.032	ug/l #	84
90) Hexachloroethane	12.701	117	45	0.027	ug/l #	17

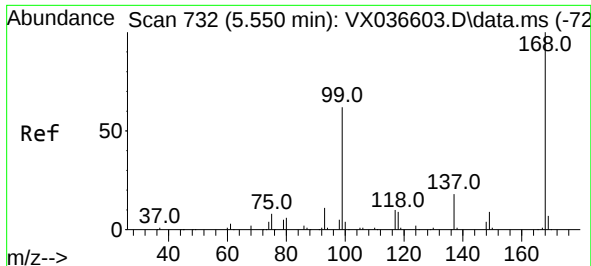
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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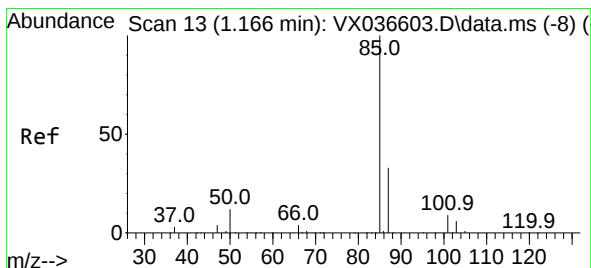
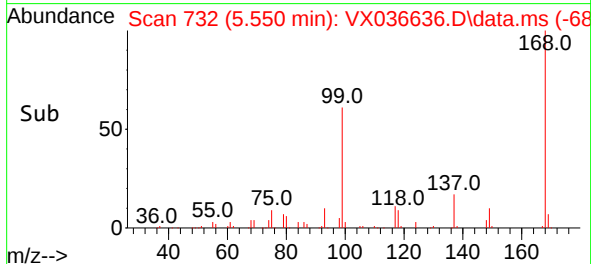
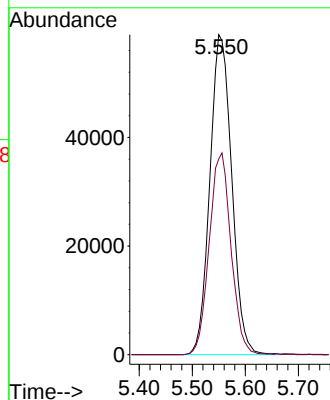
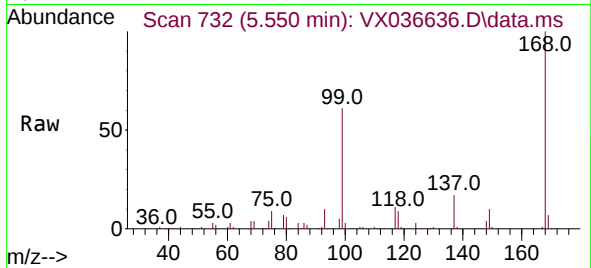




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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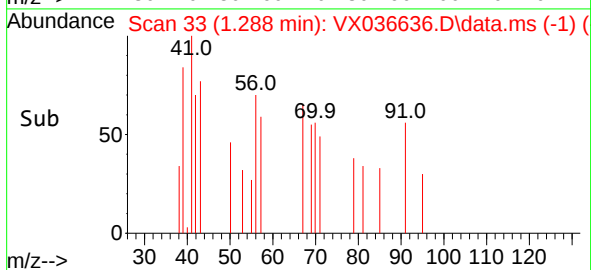
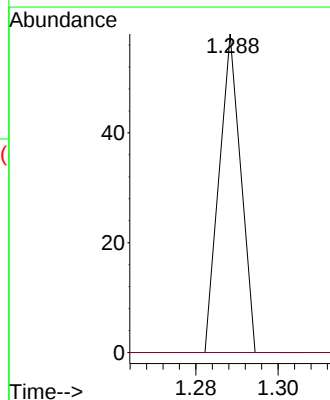
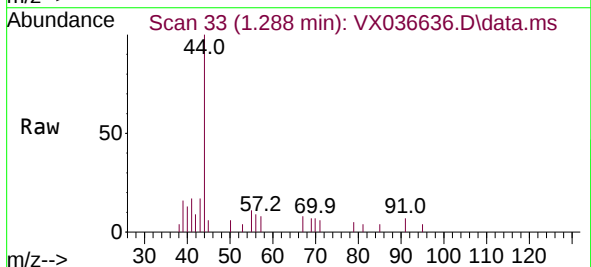
Instrument :
MSVOA_X
ClientSampleId :
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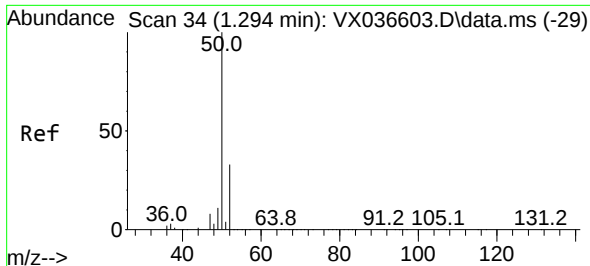
Tgt Ion:168 Resp: 168975
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.009 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.122 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

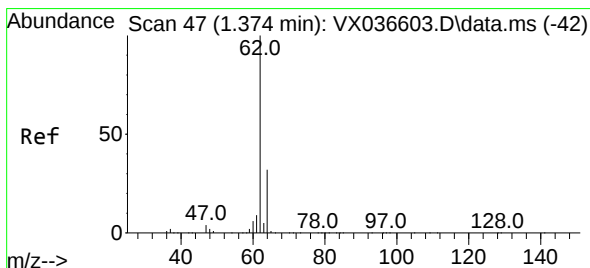
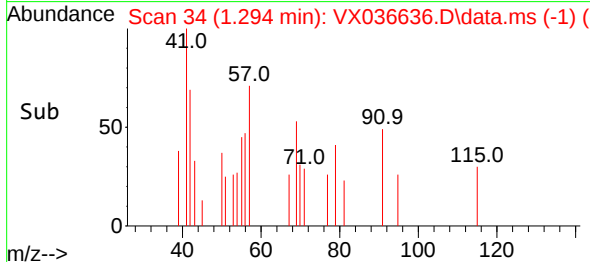
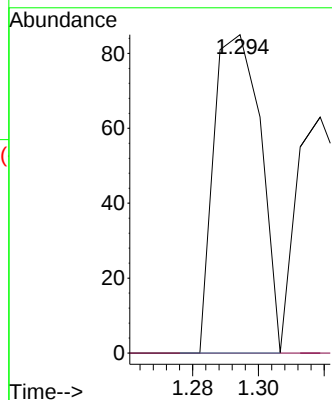
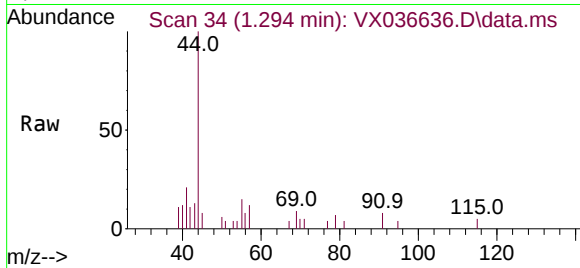




#3
Chloromethane
Concen: 0.041 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

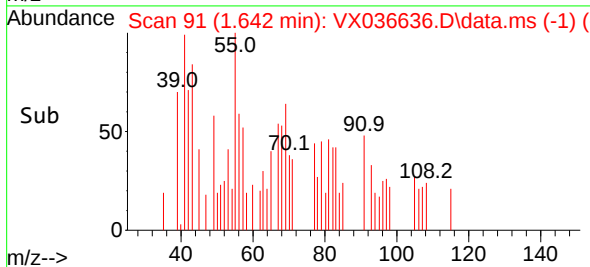
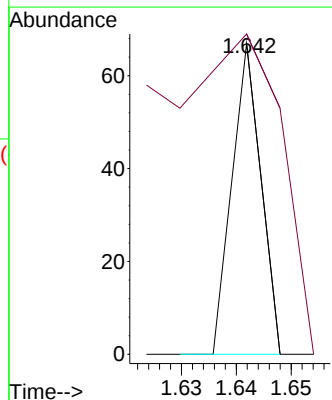
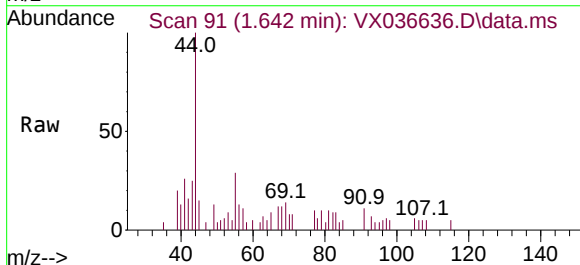
Instrument :
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IBLK

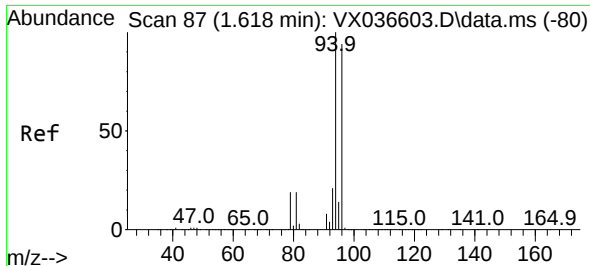
Tgt Ion: 50 Resp: 84
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.012 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.268 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 62 Resp: 24
Ion Ratio Lower Upper
62 100
64 23.9 25.4 38.0#

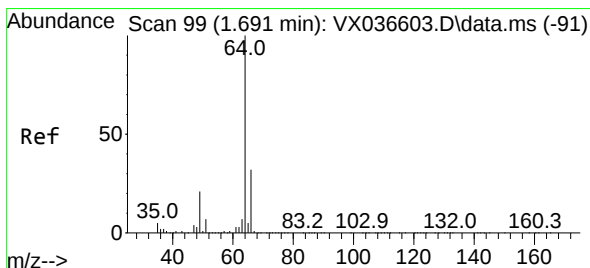
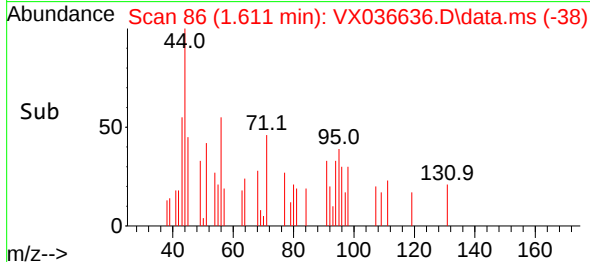
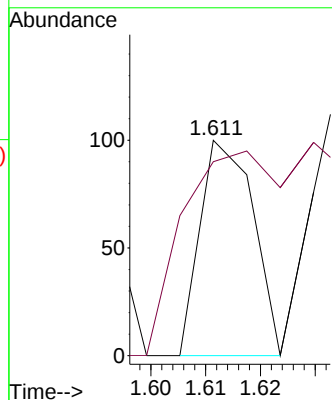
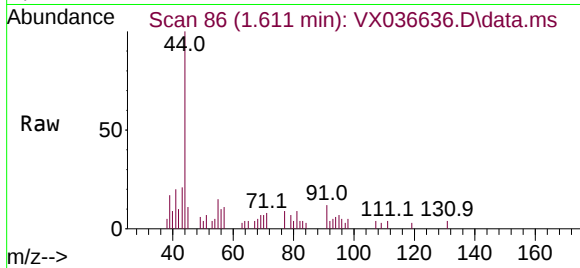




#5
Bromomethane
Concen: 0.054 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

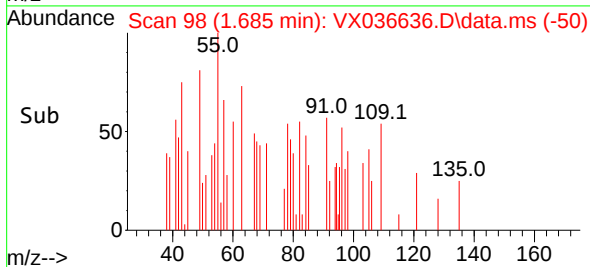
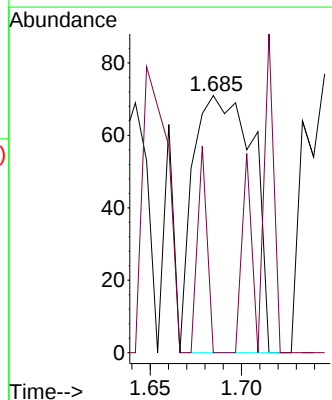
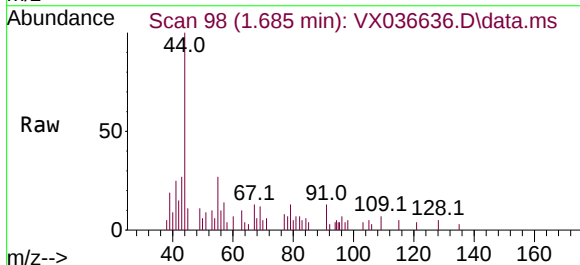
Instrument :
MSVOA_X
ClientSampleId :
IBLK

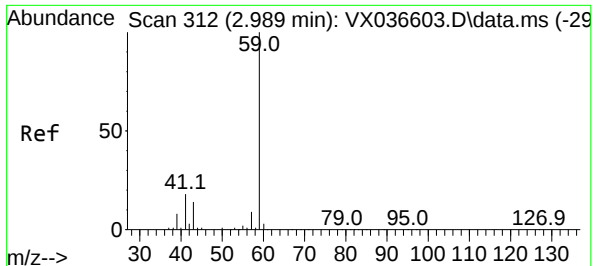
Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 25.0 74.6 111.8#



#6
Chloroethane
Concen: 0.160 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

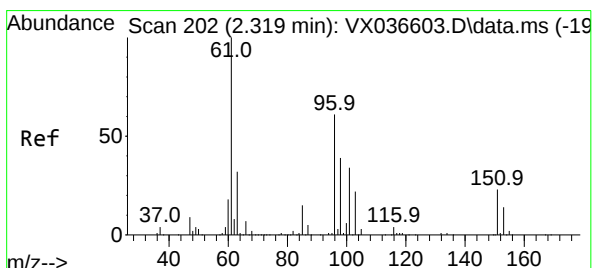
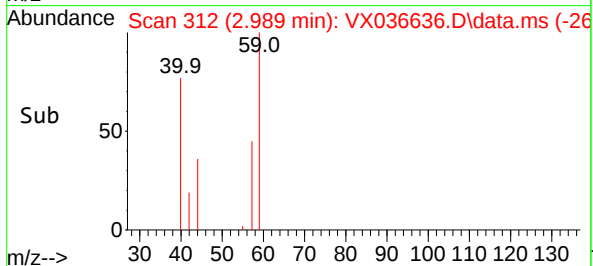
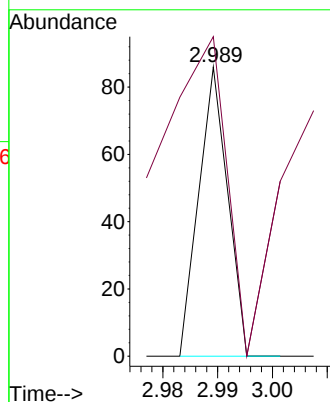
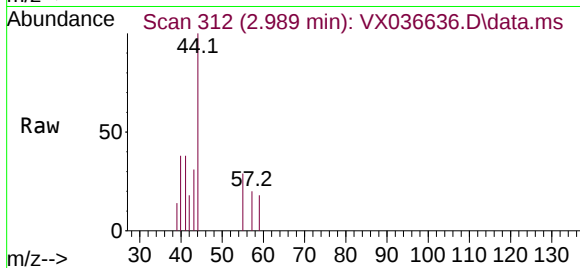




#11
Tert butyl alcohol
Concen: 0.052 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

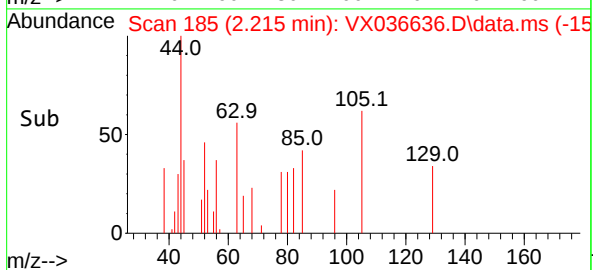
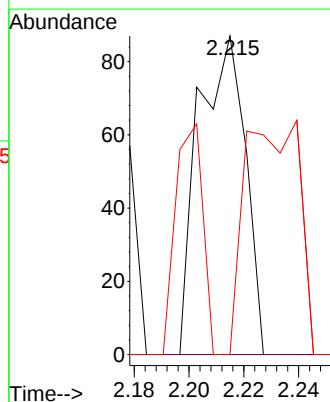
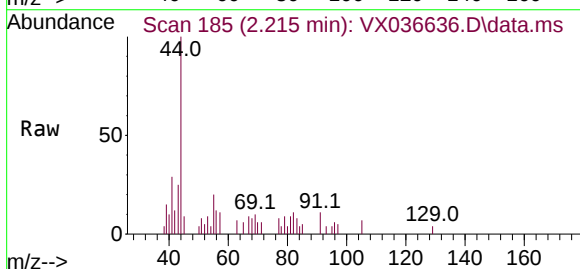
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ClientSampleId :
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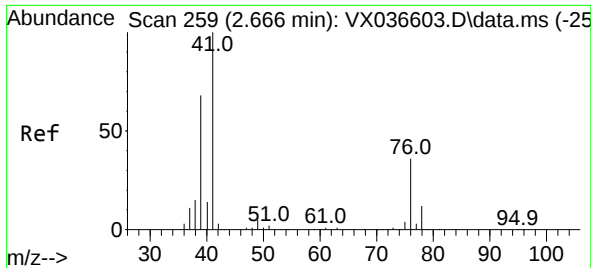
Tgt Ion: 59 Resp: 31
Ion Ratio Lower Upper
59 100
57 335.5 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.054 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.104 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 96 Resp: 103
Ion Ratio Lower Upper
96 100
61 0.0 144.6 216.8#
98 0.0 50.4 75.6#

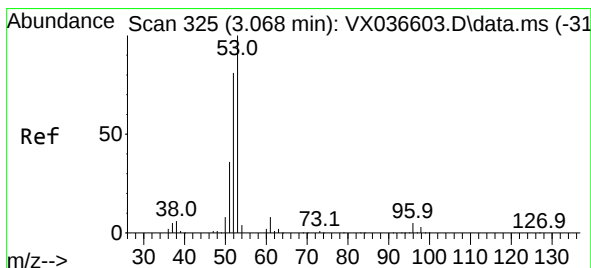
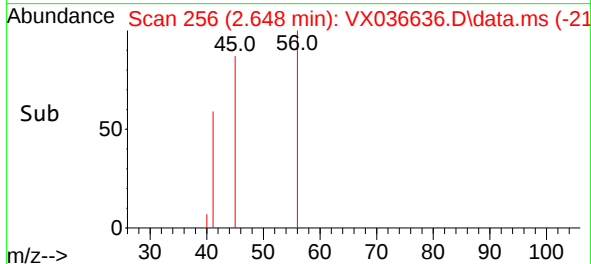
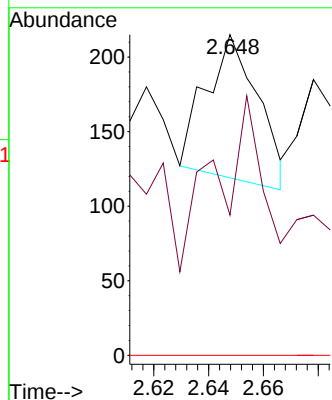
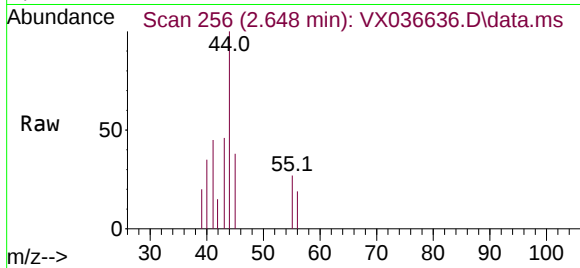




#14
 Allyl chloride
 Concen: 0.034 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VX036636.D
 Acq: 24 Jul 2023 17:44

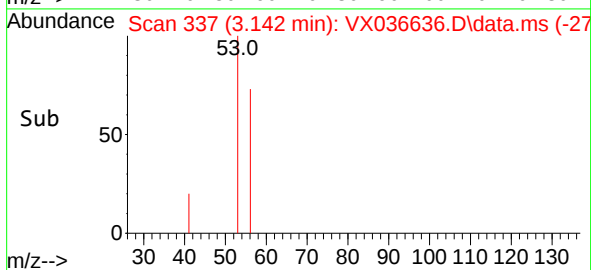
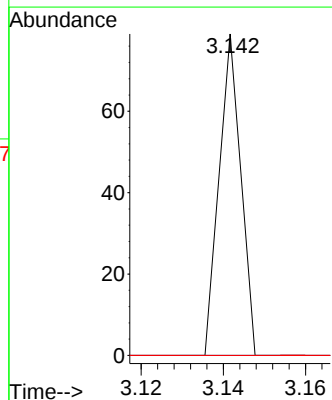
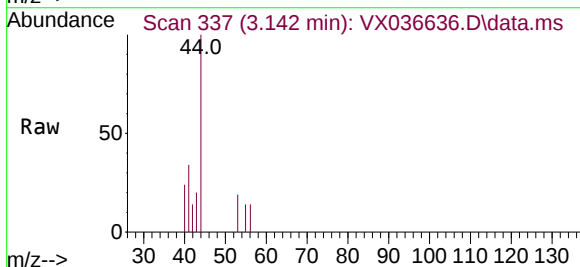
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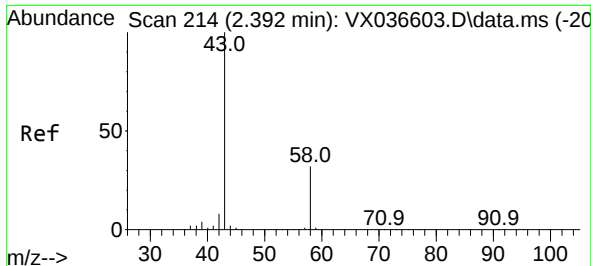
Tgt Ion:	41	Resp:	125
Ion	Ratio	Lower	Upper
41	100		
39	108.8	55.8	83.6#
76	0.0	24.3	36.5#



#15
 Acrylonitrile
 Concen: 0.024 ug/l
 RT: 3.142 min Scan# 337
 Delta R.T. 0.073 min
 Lab File: VX036636.D
 Acq: 24 Jul 2023 17:44

Tgt Ion:	53	Resp:	29
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	0.0	29.8	44.6#

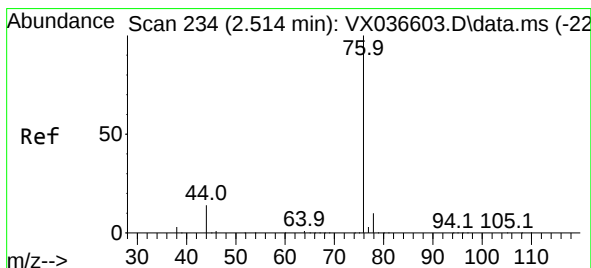
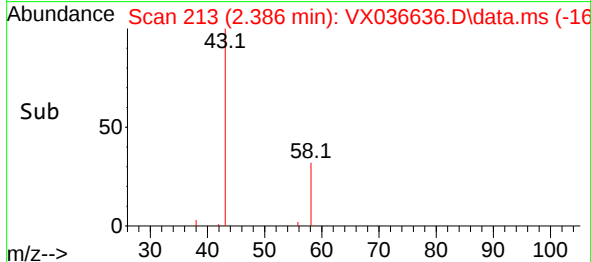
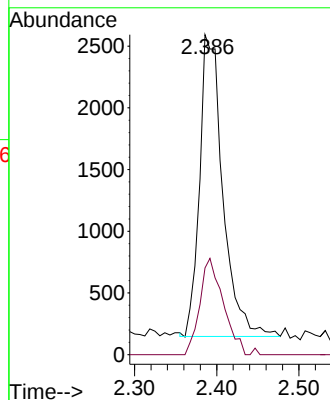
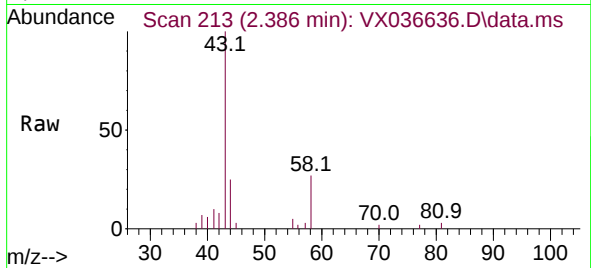




#16
Acetone
Concen: 4.626 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

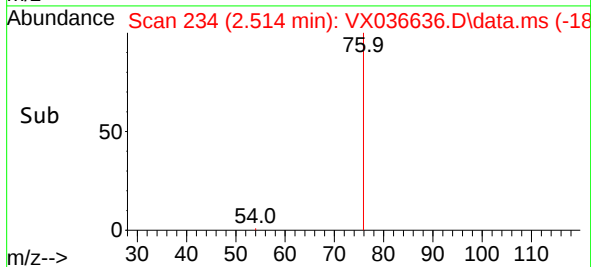
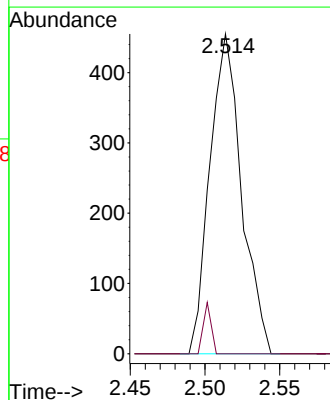
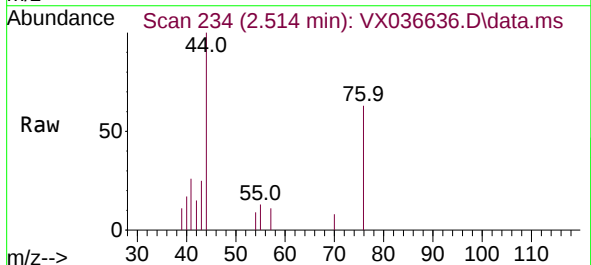
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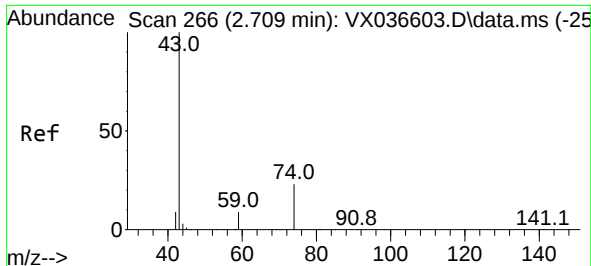
Tgt Ion: 43 Resp: 4800
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.128 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 76 Resp: 670
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.055 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

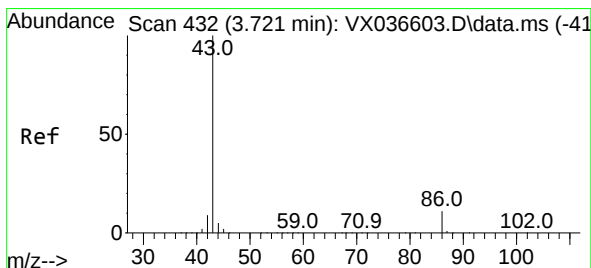
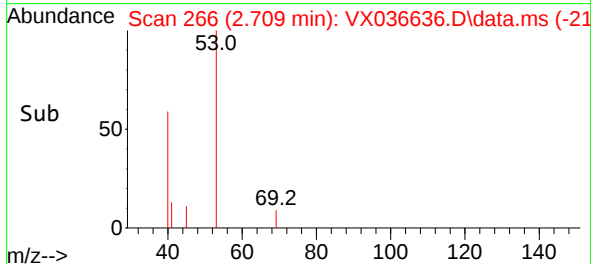
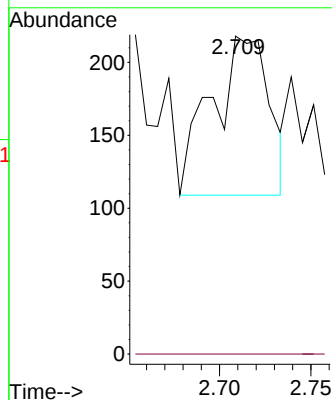
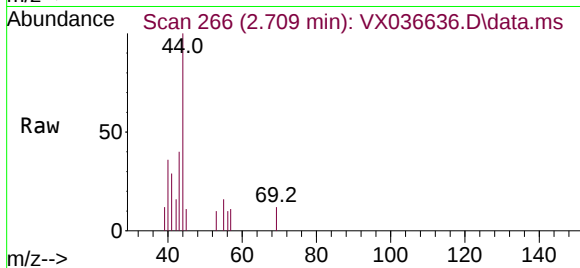
IBLK

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#23

Vinyl Acetate

Concen: 0.011 ug/l

RT: 3.727 min Scan# 433

Delta R.T. 0.006 min

Lab File: VX036636.D

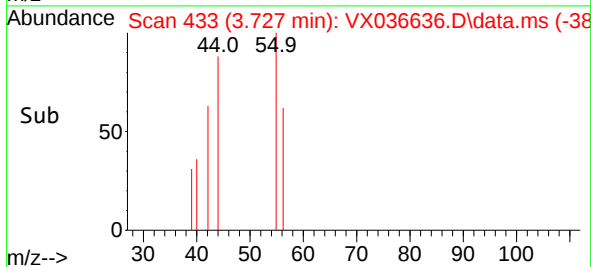
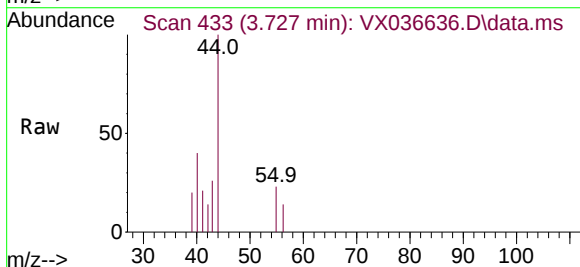
Acq: 24 Jul 2023 17:44

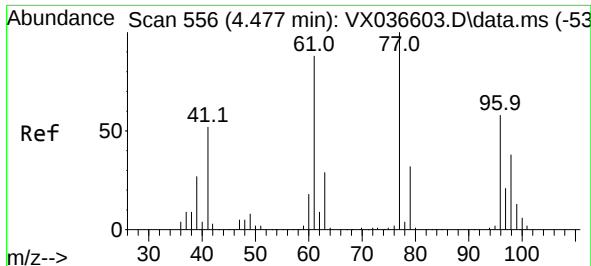
Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#





#26

2,2-Dichloropropane

Concen: 0.140 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

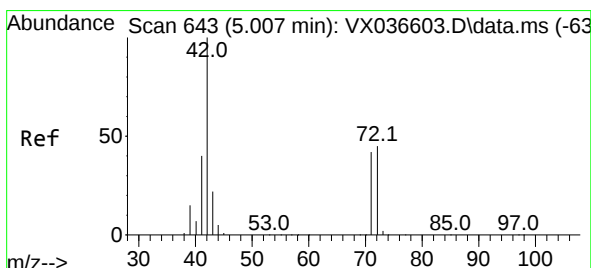
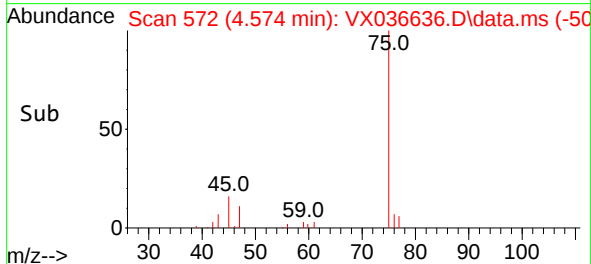
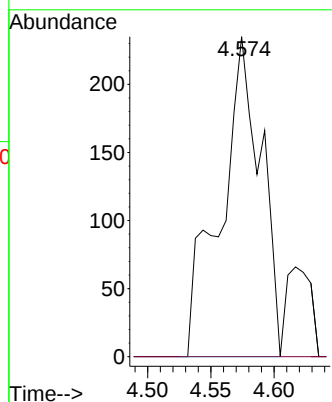
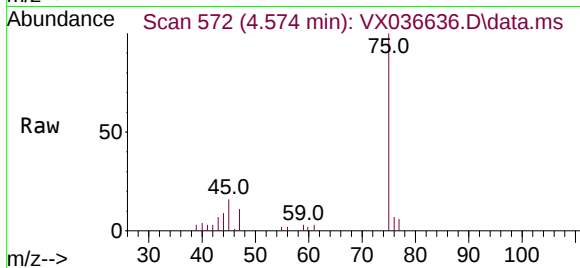
IBLK

Tgt Ion: 77 Resp: 525

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 0.158 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

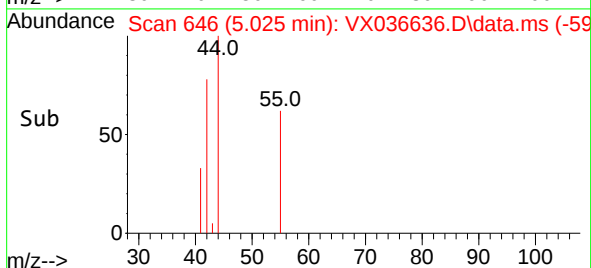
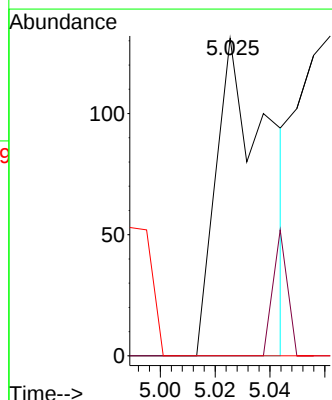
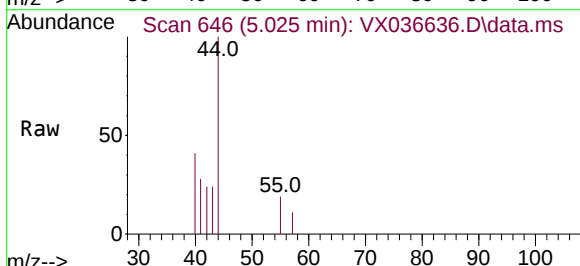
Tgt Ion: 42 Resp: 172

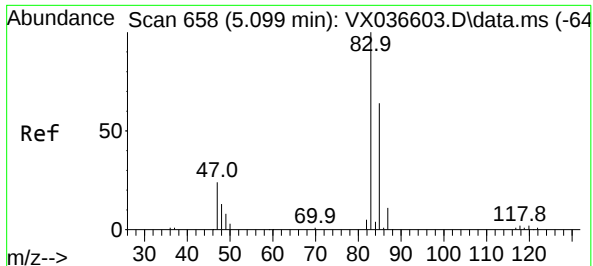
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#





#30

Chloroform

Concen: 0.005 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

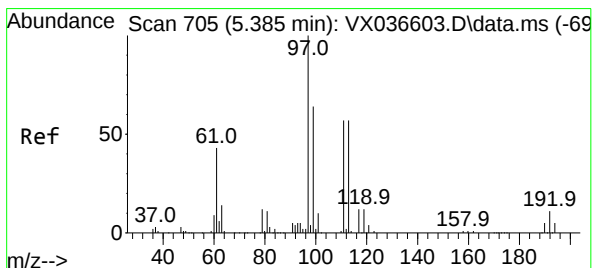
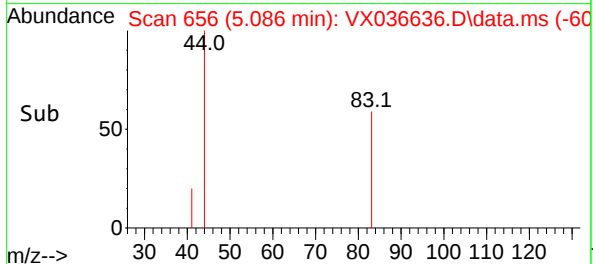
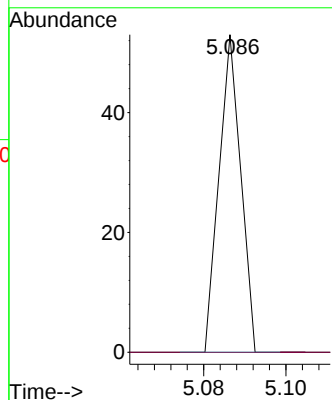
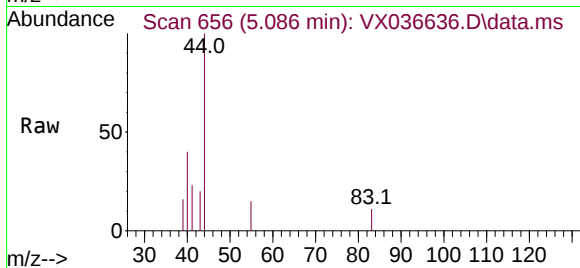
IBLK

Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#



#32

1,1,1-Trichloroethane

Concen: 0.016 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.177 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

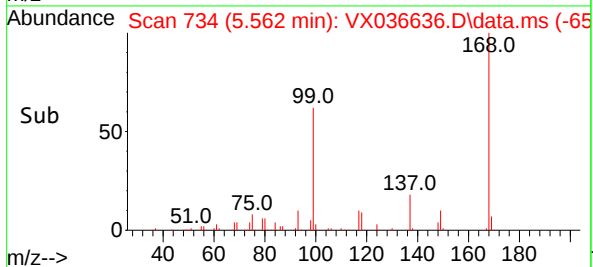
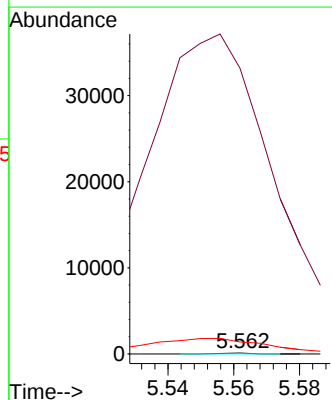
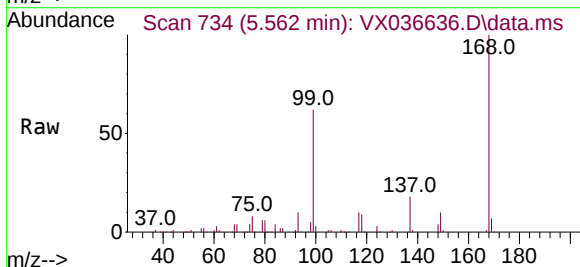
Tgt Ion: 97 Resp: 59

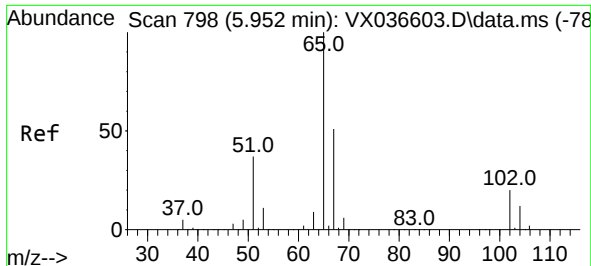
Ion Ratio Lower Upper

97 100

99 179505.1 51.1 76.7#

61 8381.4 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 45.976 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

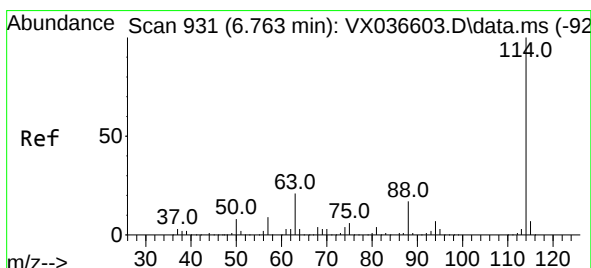
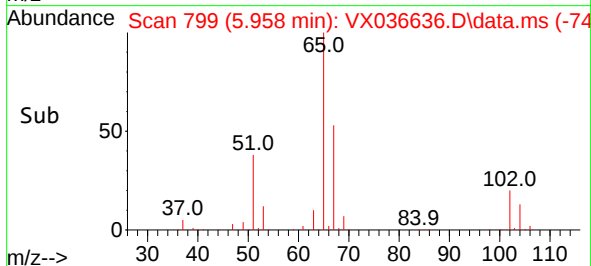
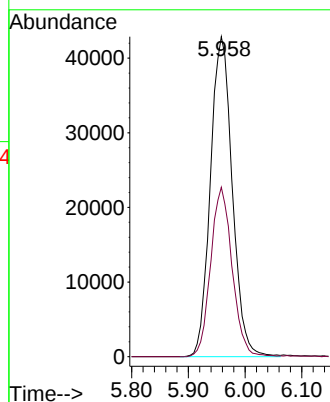
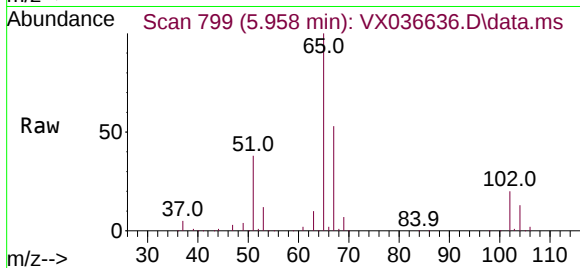
IBLK

Tgt Ion: 65 Resp: 114952

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

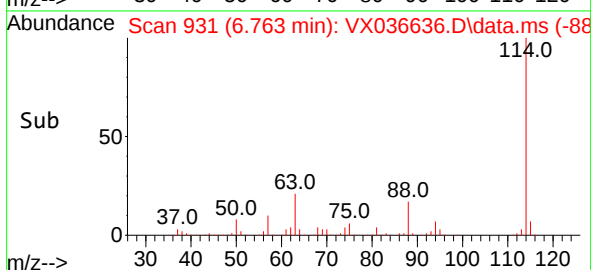
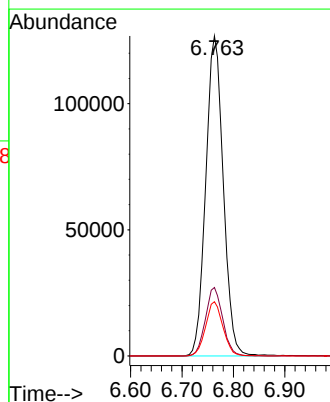
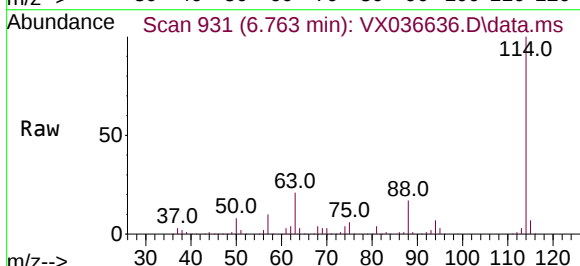
Tgt Ion: 114 Resp: 301087

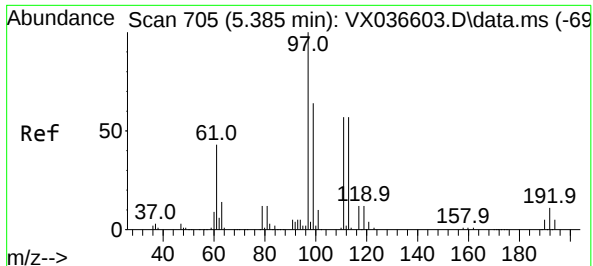
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.328 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036636.D

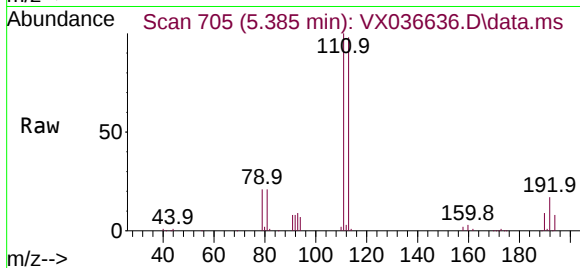
Acq: 24 Jul 2023 17:44

Instrument :

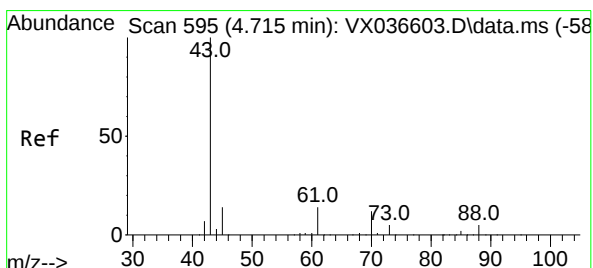
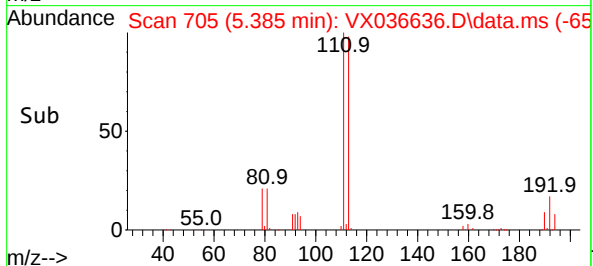
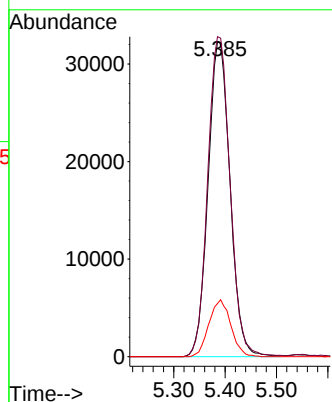
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	113	Resp:	95875
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	18.0	13.3	19.9



#37

Ethyl Acetate

Concen: 0.025 ug/l

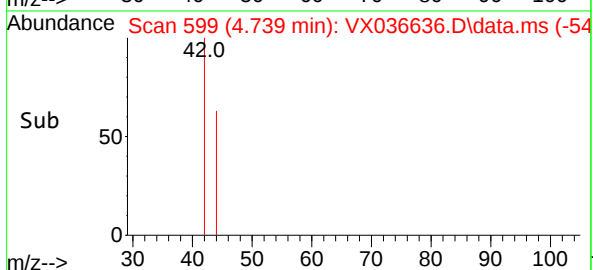
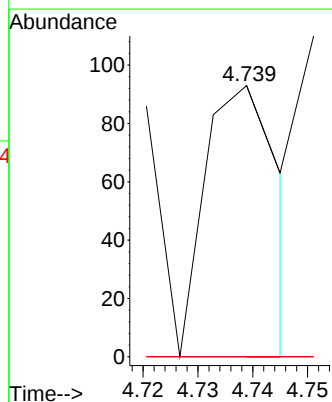
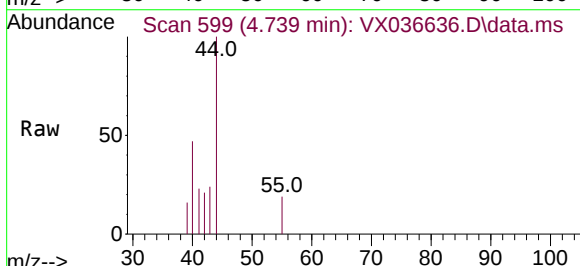
RT: 4.739 min Scan# 599

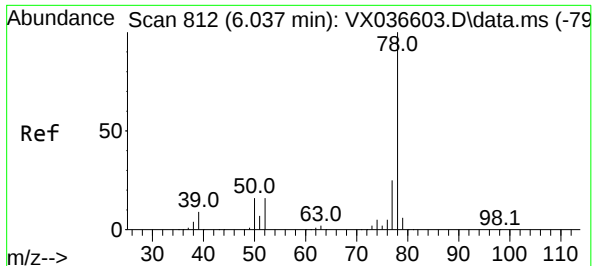
Delta R.T. 0.024 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Tgt Ion:	43	Resp:	87
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#





#40

Benzene

Concen: 0.041 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

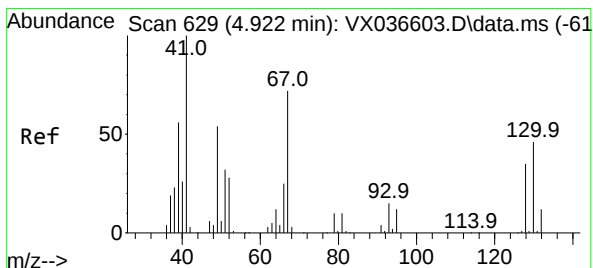
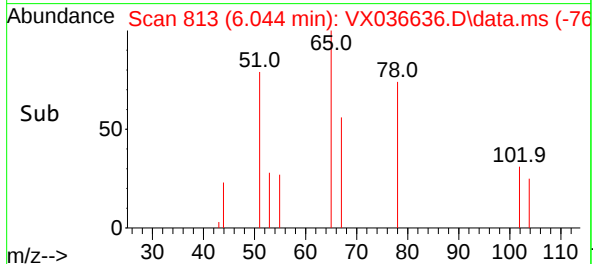
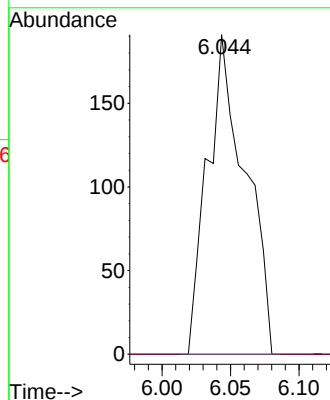
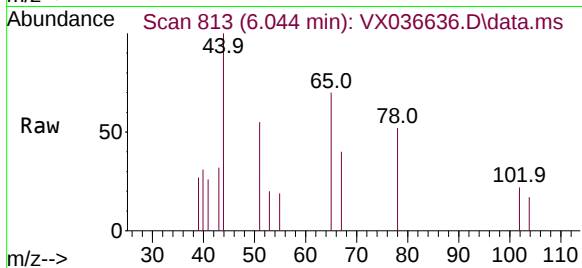
IBLK

Tgt Ion: 78 Resp: 367

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.020 ug/l

RT: 4.928 min Scan# 630

Delta R.T. 0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Tgt Ion: 41 Resp: 37

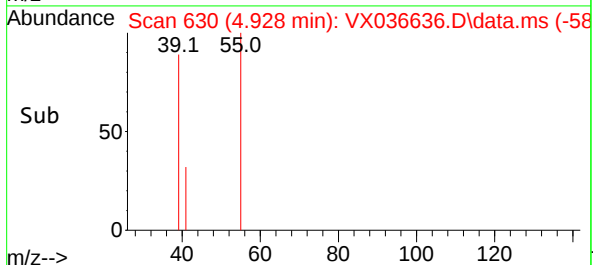
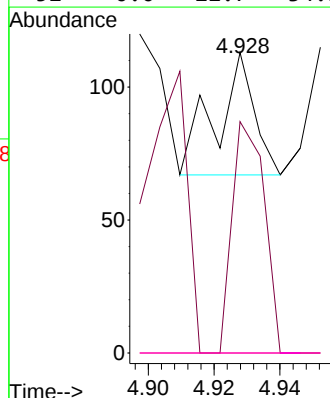
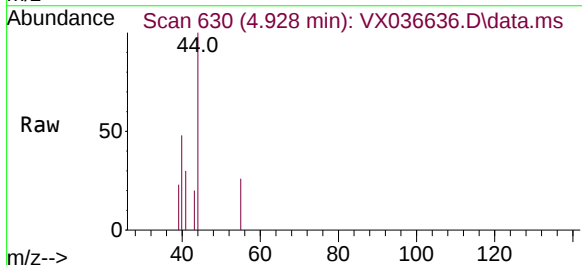
Ion Ratio Lower Upper

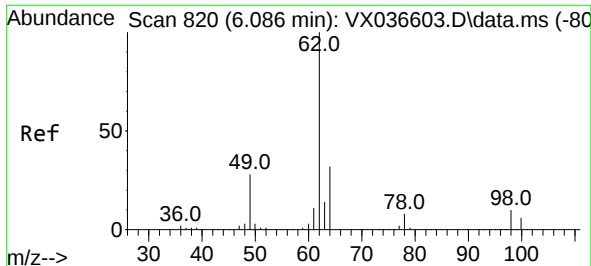
41 100

39 159.5 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.038 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

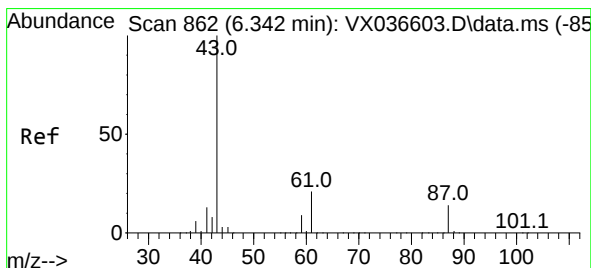
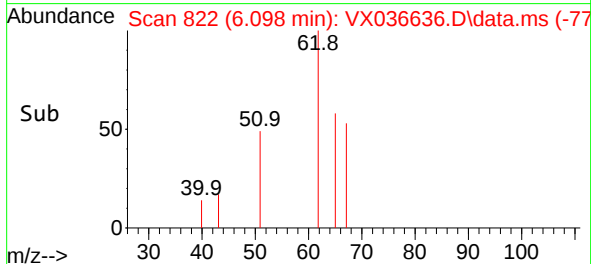
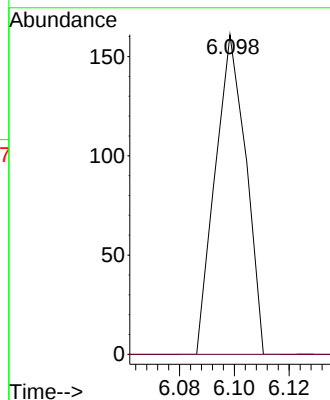
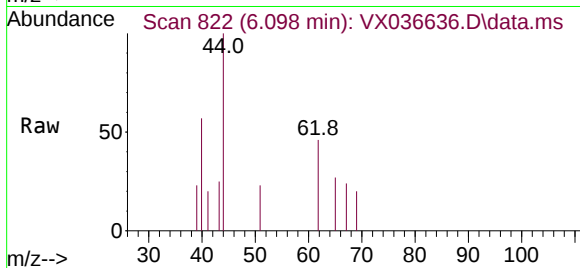
IBLK

Tgt Ion: 62 Resp: 125

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.017 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

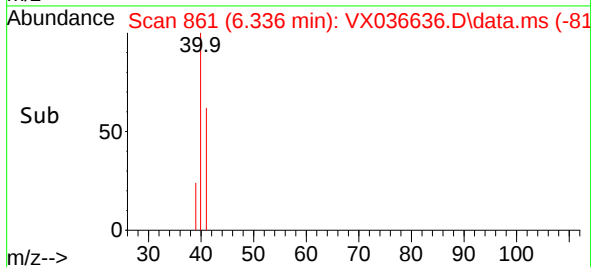
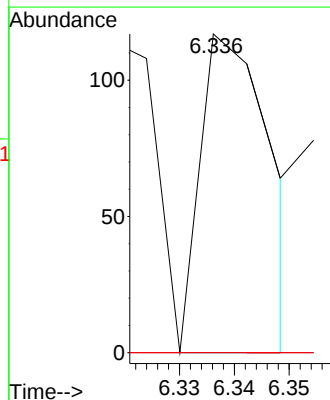
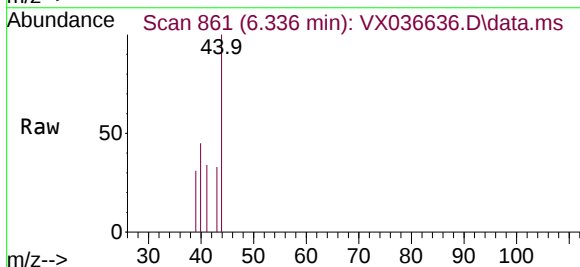
Tgt Ion: 43 Resp: 105

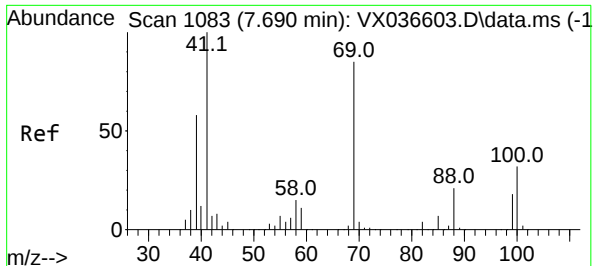
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#





#48

Methyl methacrylate

Concen: 0.022 ug/l

RT: 7.683 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

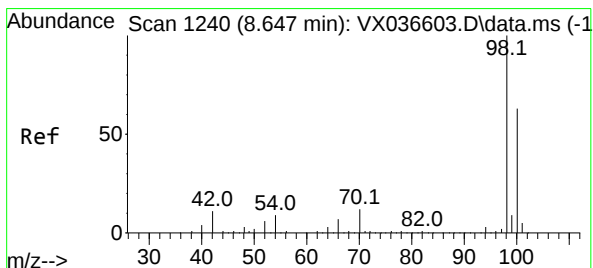
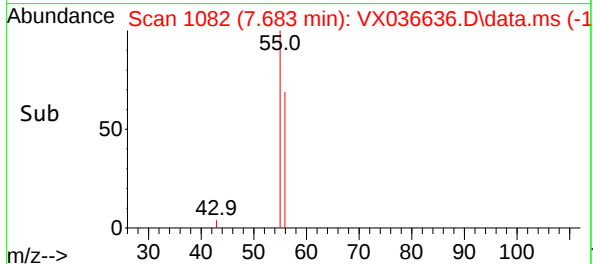
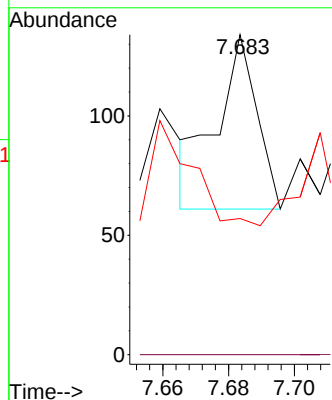
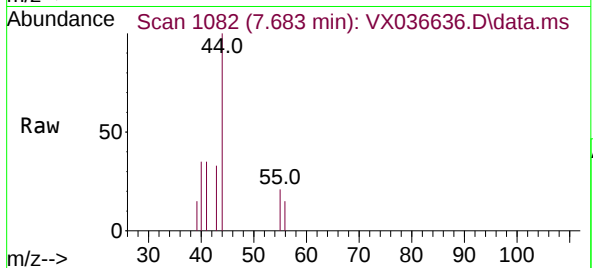
Tgt Ion: 41 Resp: 62

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 48.873 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036636.D

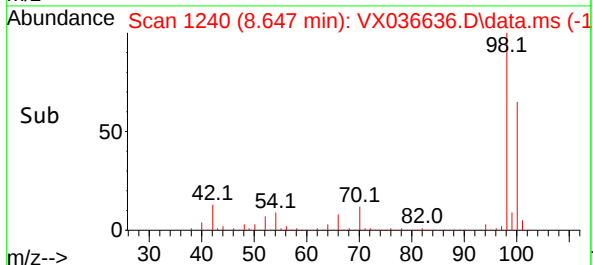
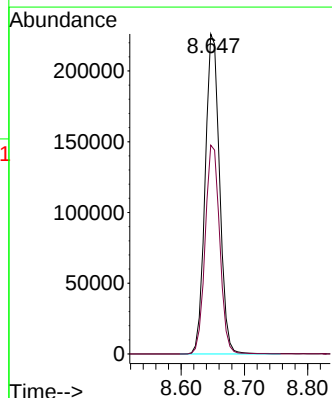
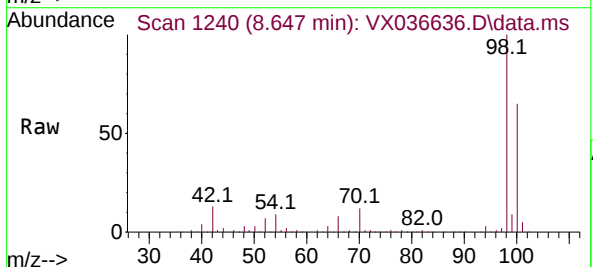
Acq: 24 Jul 2023 17:44

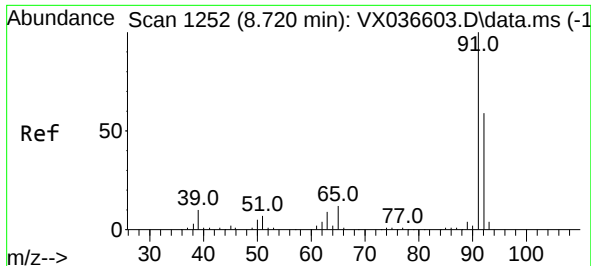
Tgt Ion: 98 Resp: 358677

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

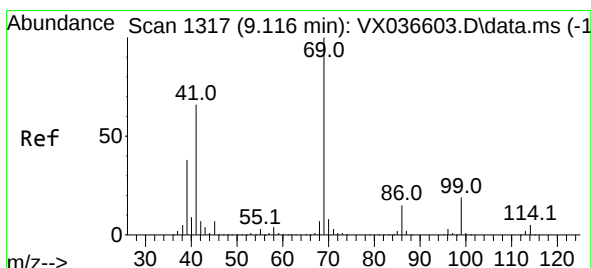
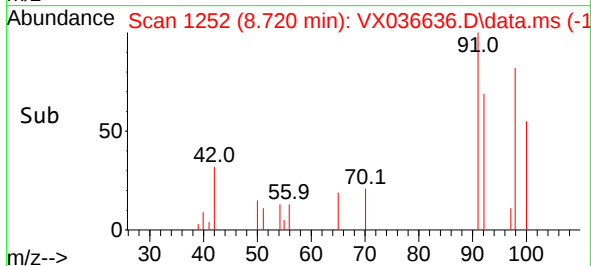
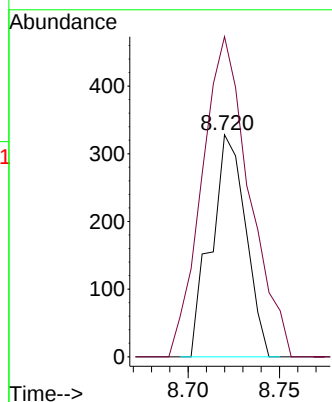
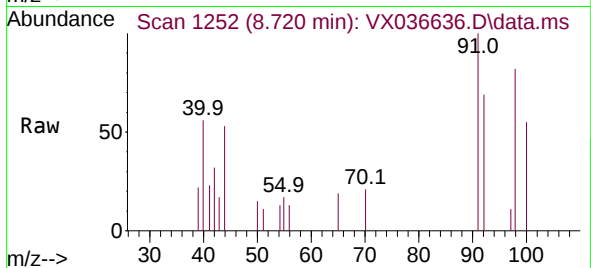




#52
Toluene
Concen: 0.077 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

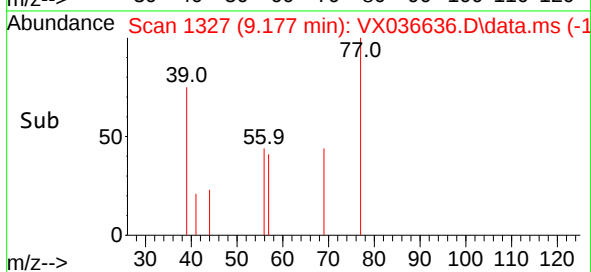
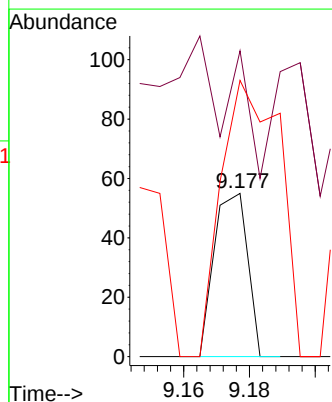
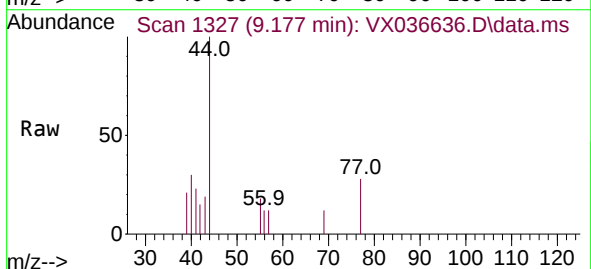
Instrument :
MSVOA_X
ClientSampleId :
IBLK

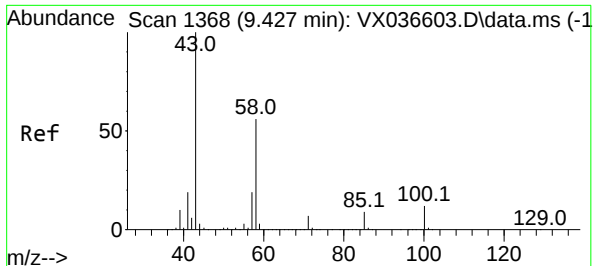
Tgt Ion: 92 Resp: 432
Ion Ratio Lower Upper
92 100
91 197.9 134.2 201.2



#56
Ethyl methacrylate
Concen: 0.010 ug/l
RT: 9.177 min Scan# 1327
Delta R.T. 0.061 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 69 Resp: 39
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2#
39 292.3 32.0 48.0#





#59

2-Hexanone

Concen: 0.030 ug/l

RT: 9.415 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

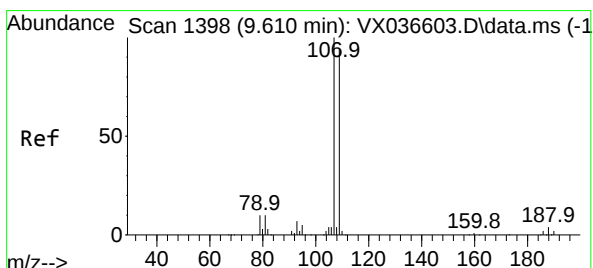
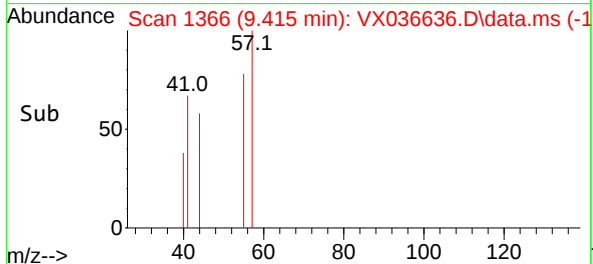
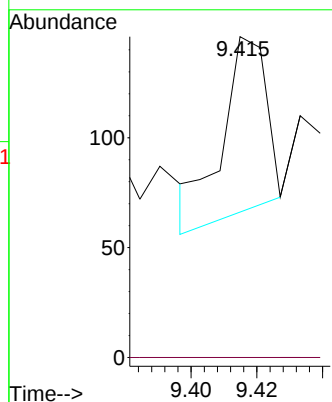
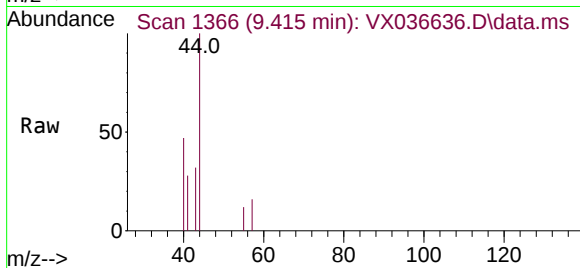
IBLK

Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#



#61

1,2-Dibromoethane

Concen: 0.008 ug/l

RT: 9.628 min Scan# 1401

Delta R.T. 0.018 min

Lab File: VX036636.D

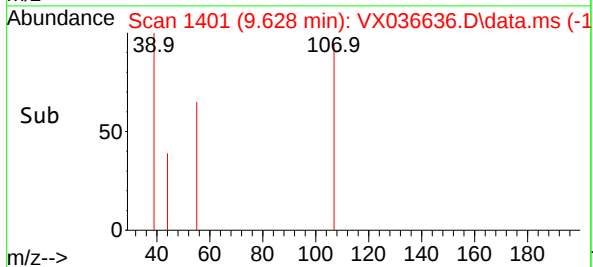
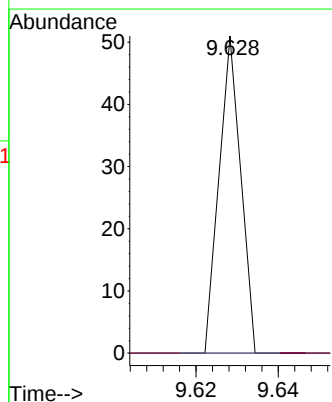
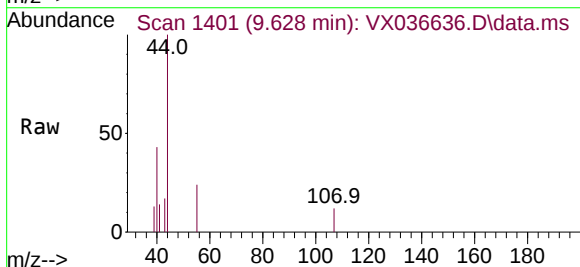
Acq: 24 Jul 2023 17:44

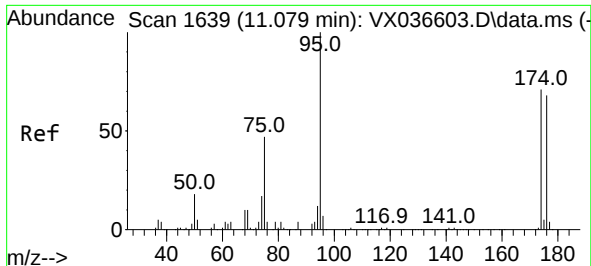
Tgt Ion: 107 Resp: 19

Ion Ratio Lower Upper

107 100

109 0.0 75.2 112.8#

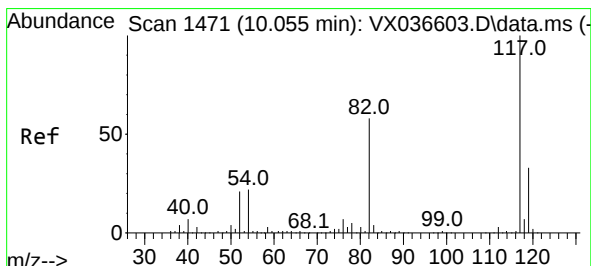
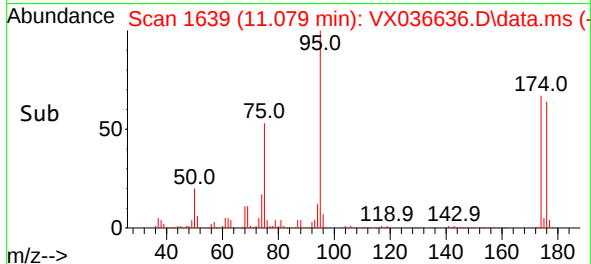
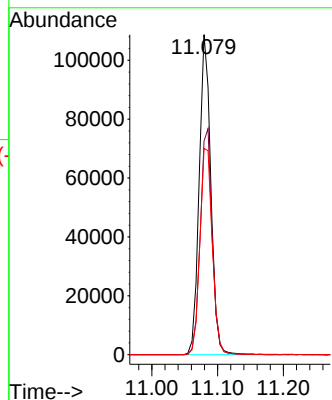
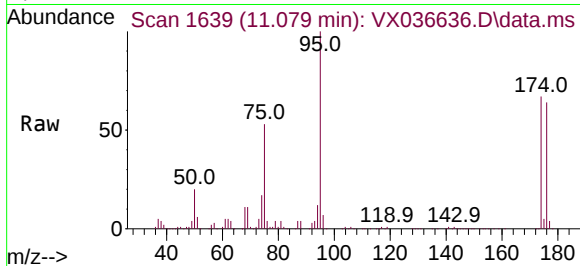




#62
4-Bromofluorobenzene
Concen: 48.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

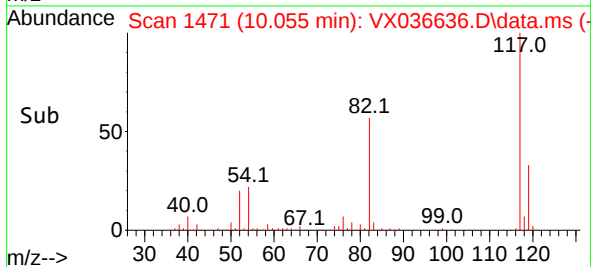
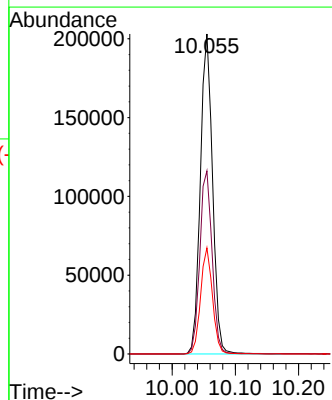
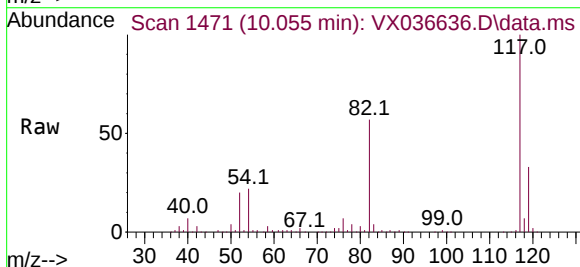
Instrument :
MSVOA_X
ClientSampleId :
IBLK

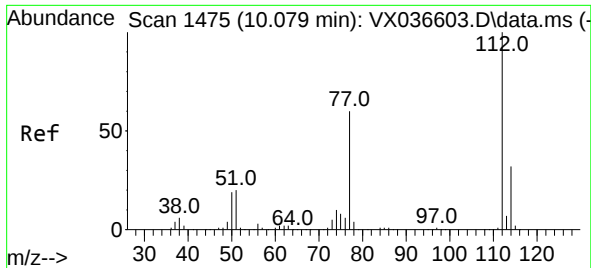
Tgt Ion: 95 Resp: 133485
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 69.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 117 Resp: 272625
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 33.2 25.5 38.3

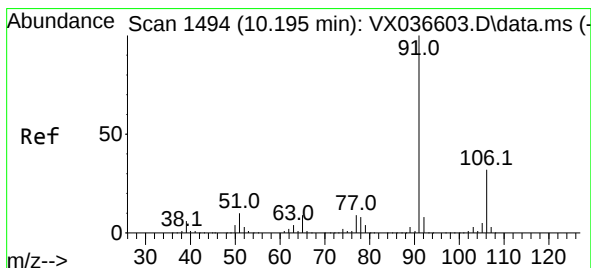
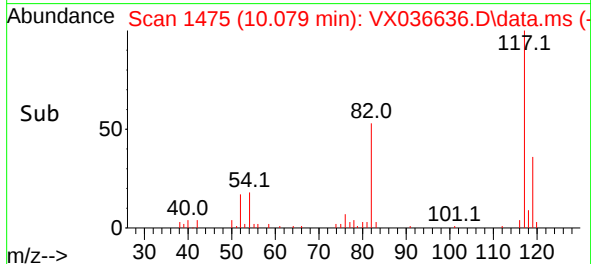
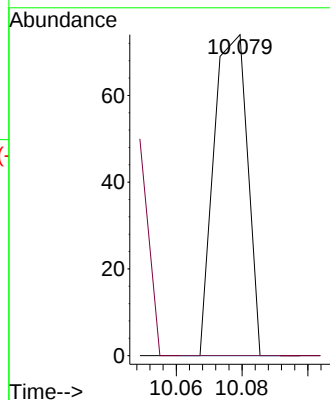
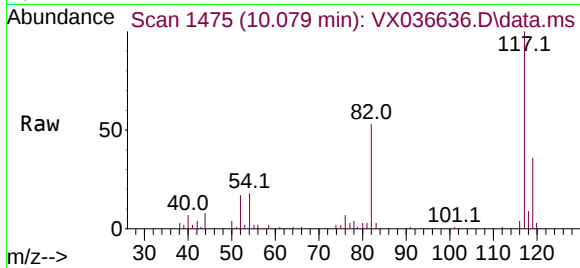




#65
Chlorobenzene
Concen: 0.009 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

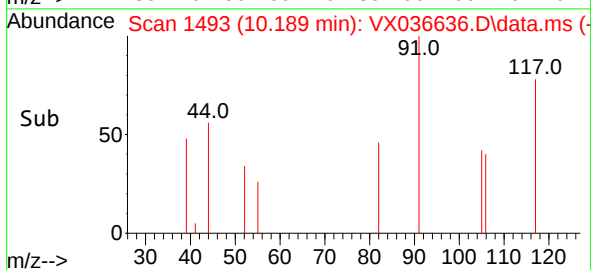
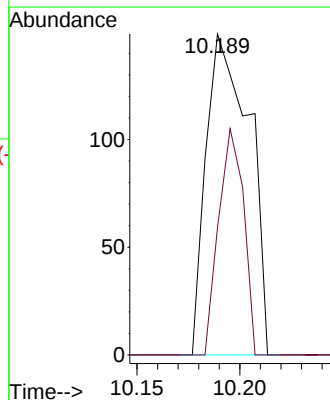
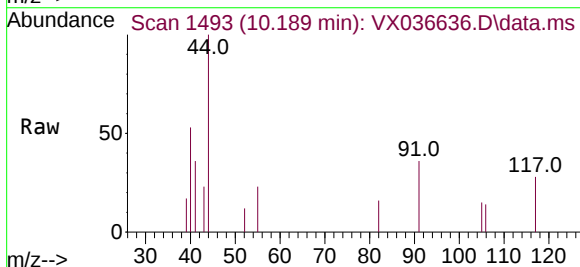
Instrument :
MSVOA_X
ClientSampleId :
IBLK

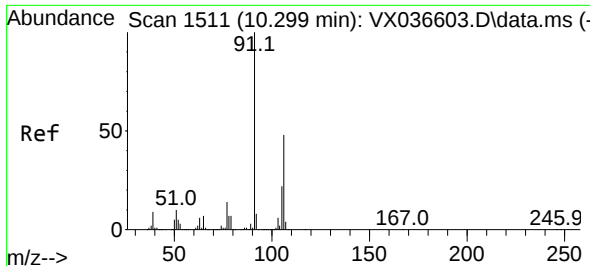
Tgt Ion:112 Resp: 52
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.020 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 91 Resp: 217
Ion Ratio Lower Upper
91 100
106 39.6 24.9 37.3#

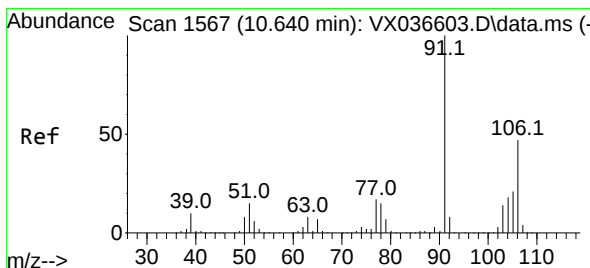
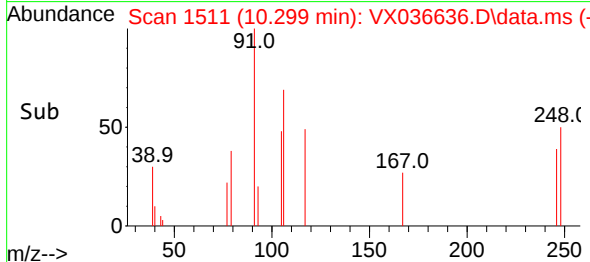
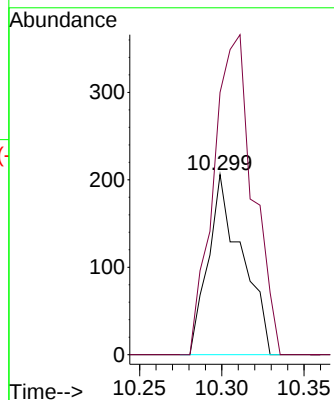
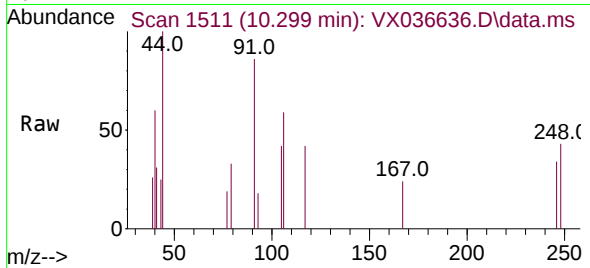




#68
m/p-Xylenes
Concen: 0.072 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

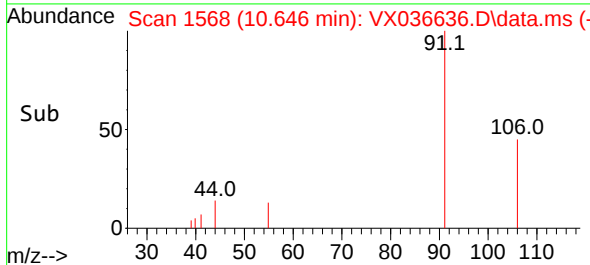
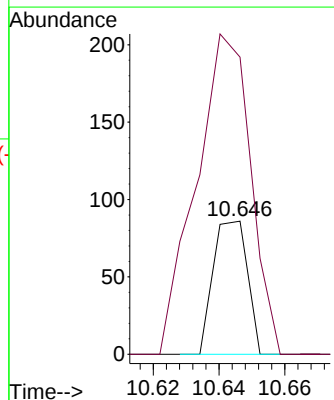
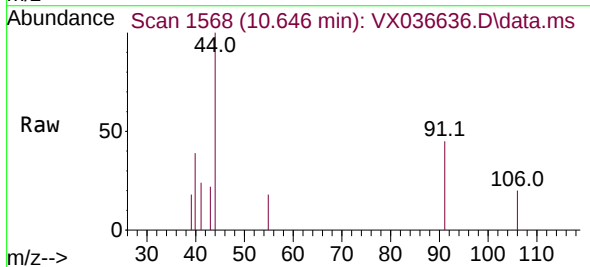
Instrument :
MSVOA_X
ClientSampleId :
IBLK

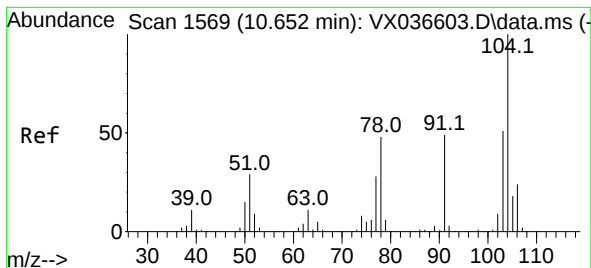
Tgt Ion:106 Resp: 293
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3



#69
o-Xylene
Concen: 0.015 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 383.9 108.9 326.8#





#70

Styrene

Concen: 0.031 ug/l

RT: 10.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

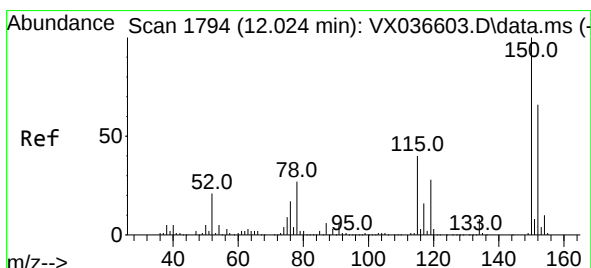
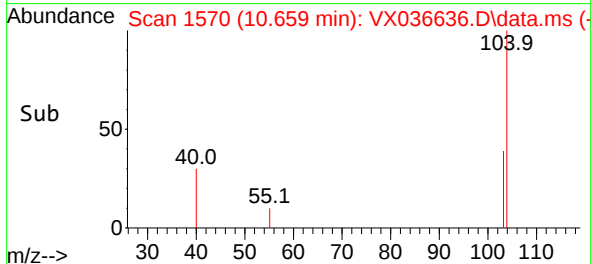
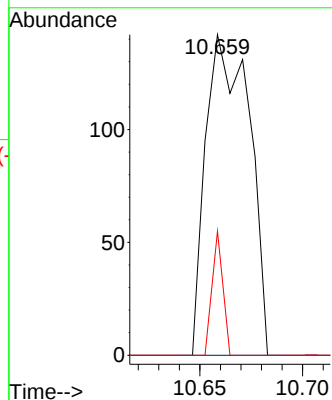
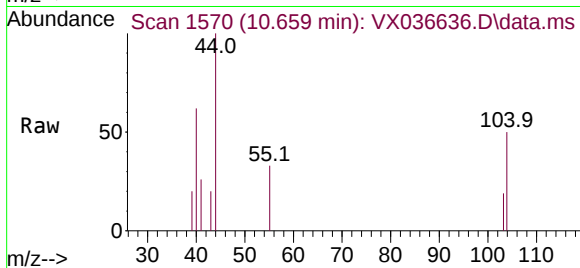
Tgt Ion:104 Resp: 209

Ion Ratio Lower Upper

104 100

78 0.0 43.6 65.4#

103 9.6 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

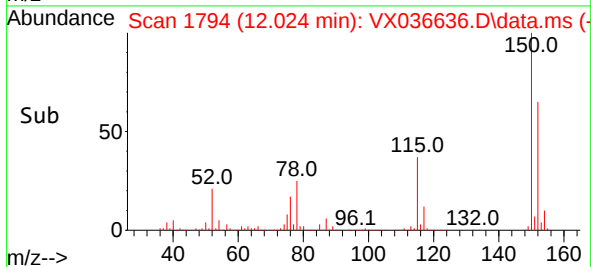
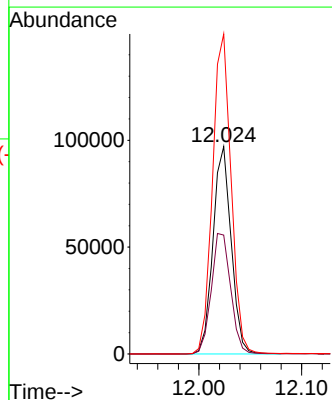
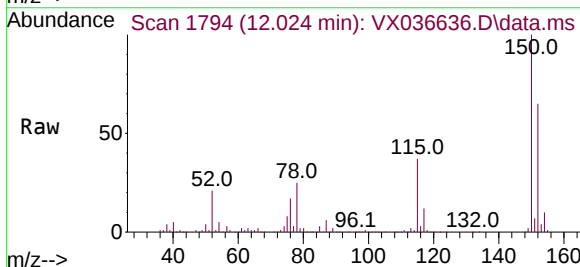
Tgt Ion:152 Resp: 119235

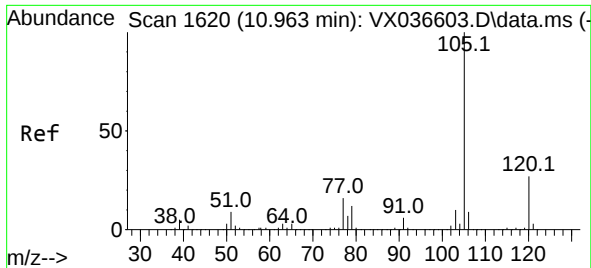
Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 157.8 0.0 345.0

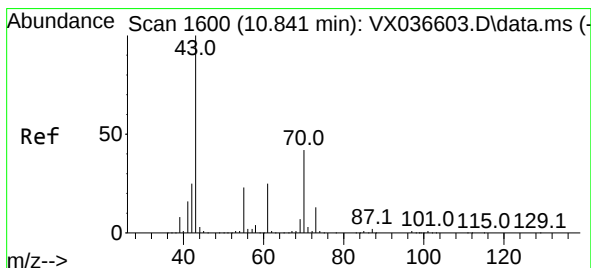
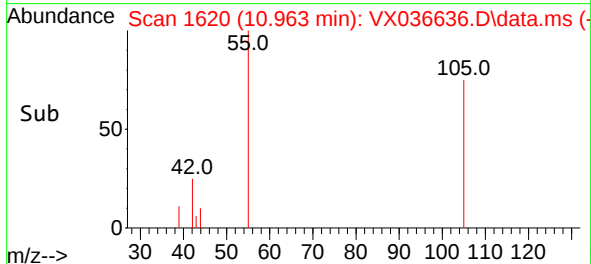
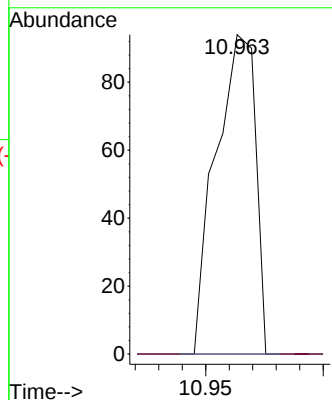
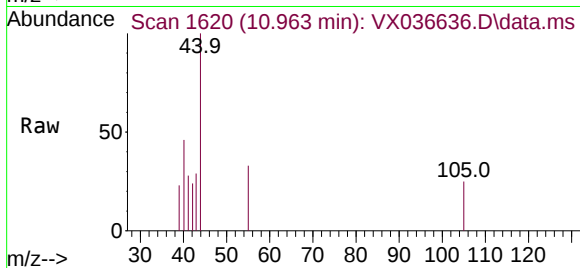




#73
Isopropylbenzene
Concen: 0.011 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

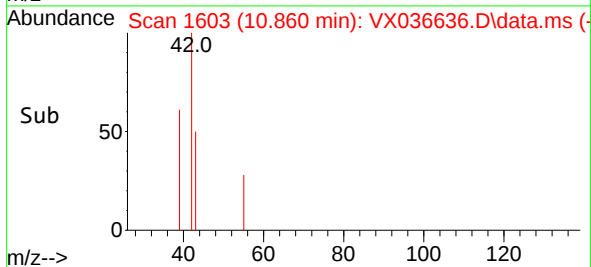
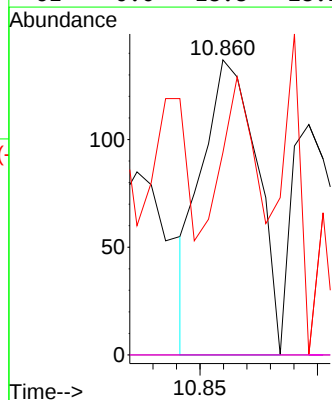
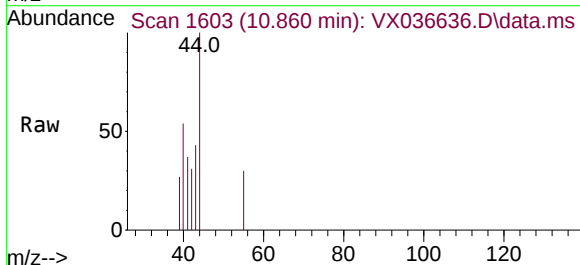
Instrument :
MSVOA_X
ClientSampleId :
IBLK

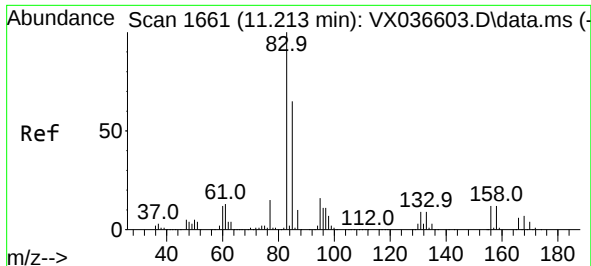
Tgt Ion:105 Resp: 110
Ion Ratio Lower Upper
105 100
120 0.0 12.9 38.6#



#74
N-ethyl acetate
Concen: 0.049 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 28.1 19.3 28.9
61 0.0 18.8 28.2#

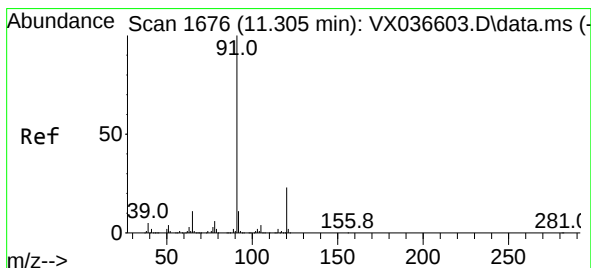
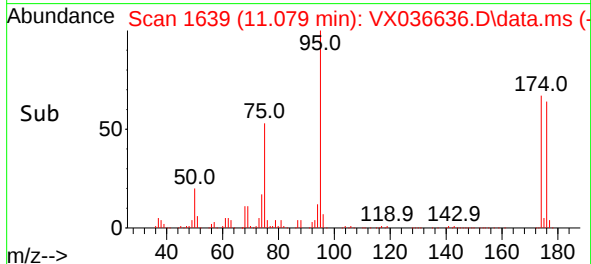
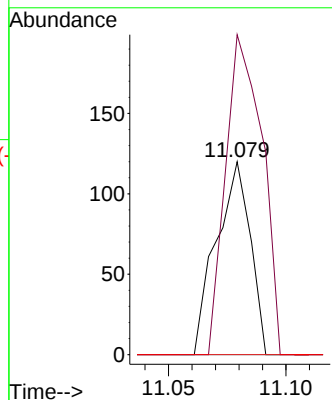
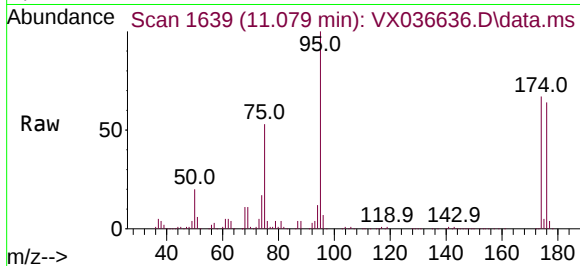




#75
1,1,2,2-Tetrachloroethane
Concen: 0.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

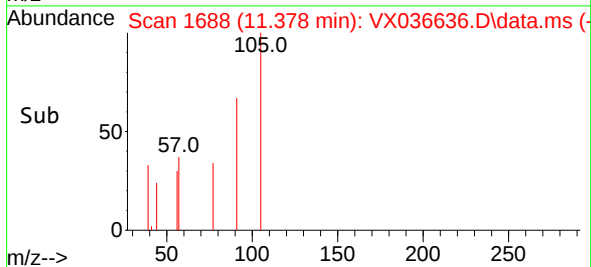
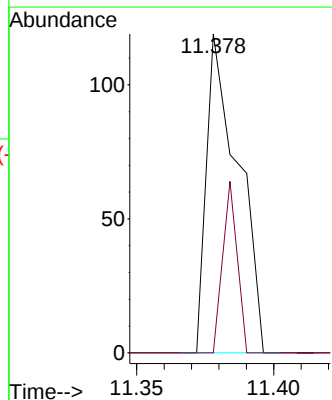
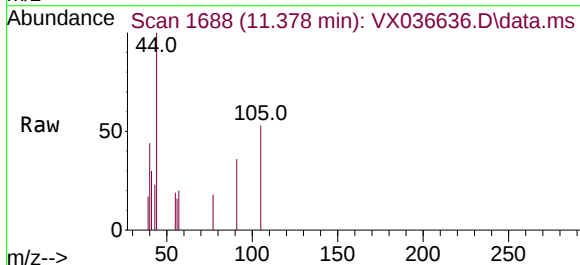
Instrument :
MSVOA_X
ClientSampleId :
IBLK

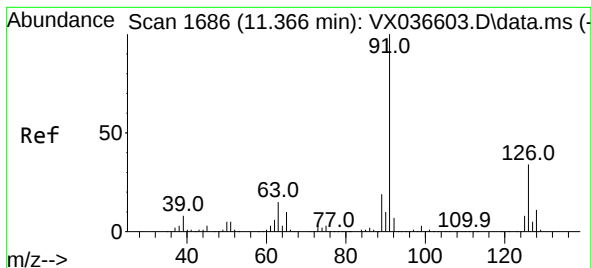
Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
131 177.7 5.3 15.8#
85 0.0 32.0 96.2#



#78
n-propylbenzene
Concen: 0.008 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.073 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.014 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

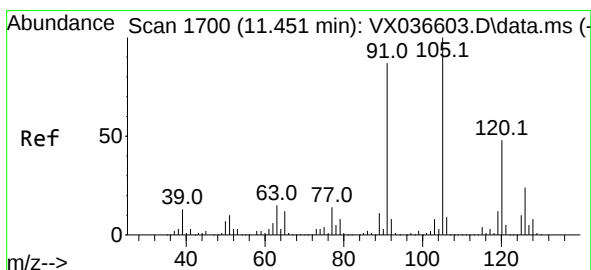
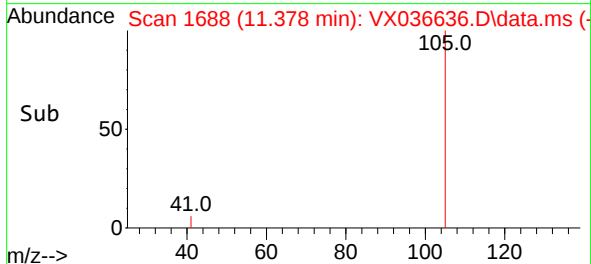
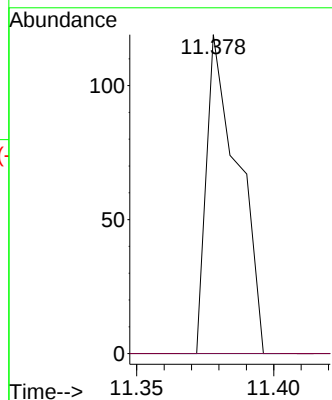
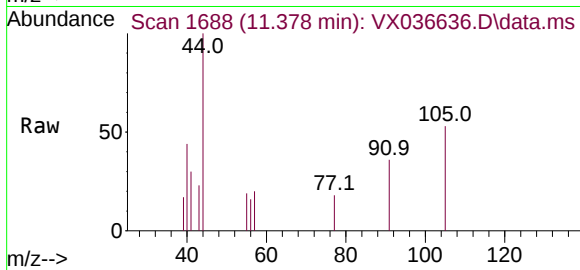
IBLK

Tgt Ion: 91 Resp: 95

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.015 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036636.D

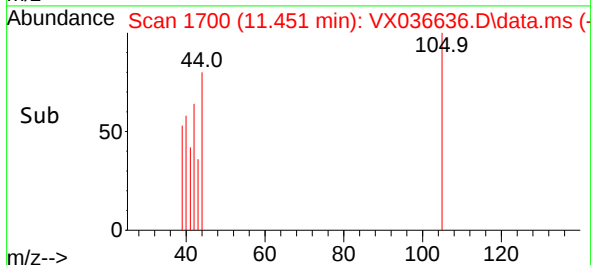
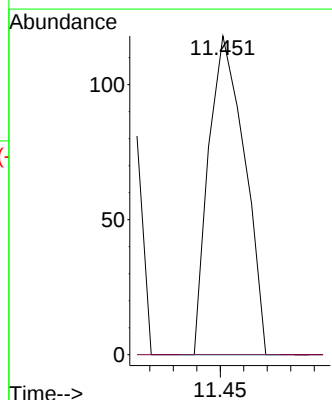
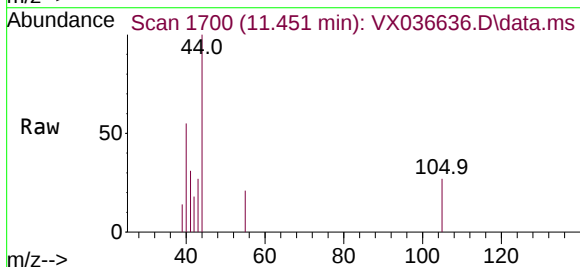
Acq: 24 Jul 2023 17:44

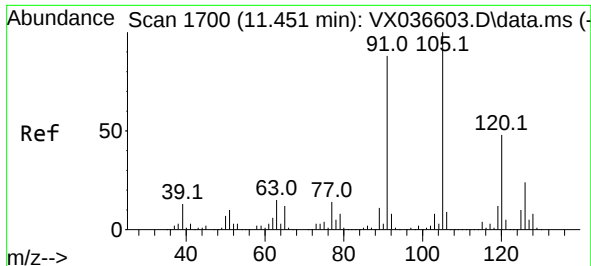
Tgt Ion: 105 Resp: 125

Ion Ratio Lower Upper

105 100

120 0.0 24.1 72.3#

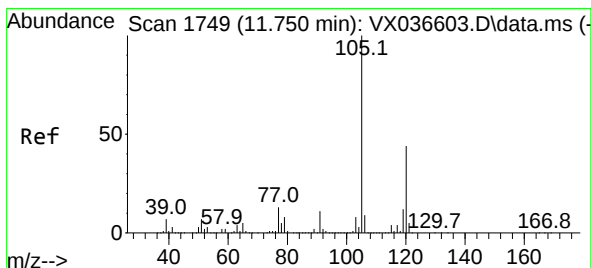
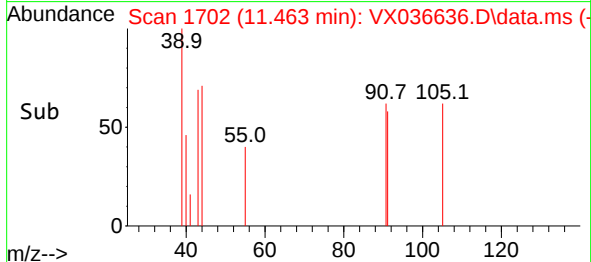
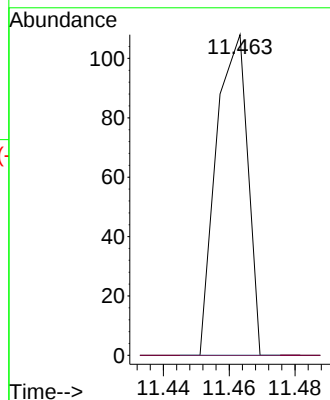
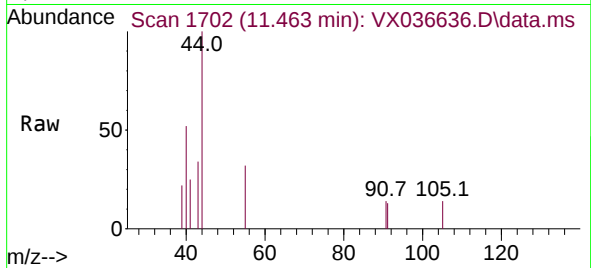




#82
4-Chlorotoluene
Concen: 0.009 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

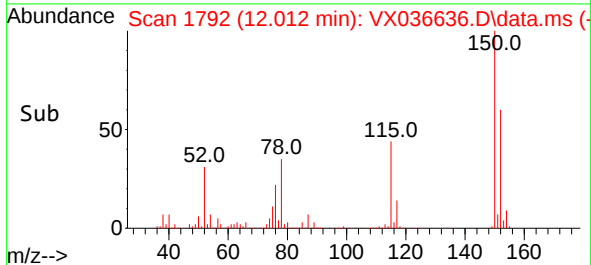
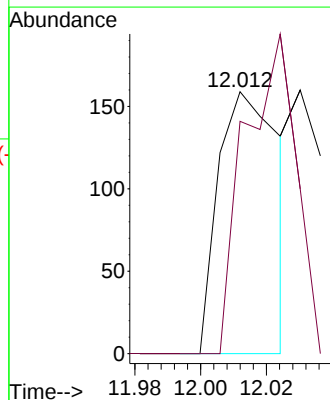
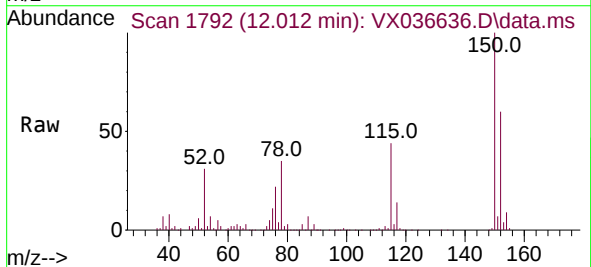
Instrument :
MSVOA_X
ClientSampleId :
IBLK

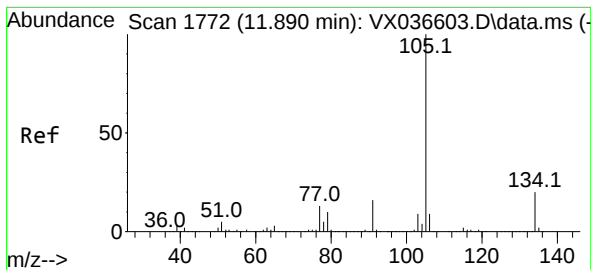
Tgt Ion: 91 Resp: 72
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.025 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.262 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 105 Resp: 204
Ion Ratio Lower Upper
105 100
120 49.5 21.2 63.6

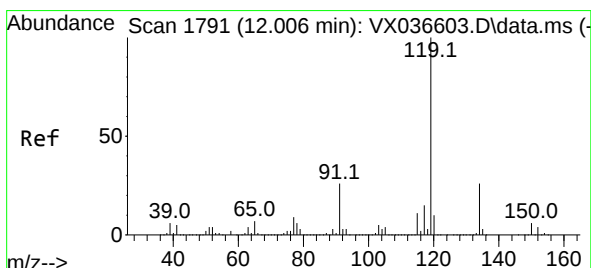
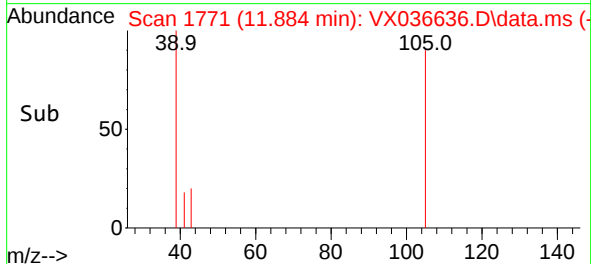
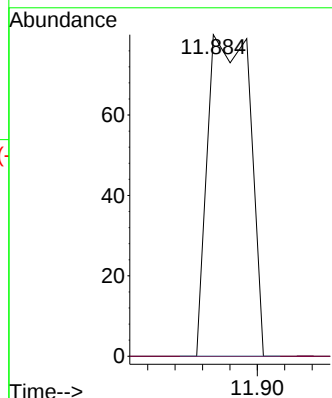
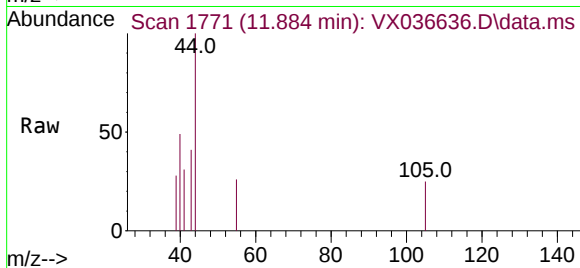




#85
 sec-Butylbenzene
 Concen: 0.008 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX036636.D
 Acq: 24 Jul 2023 17:44

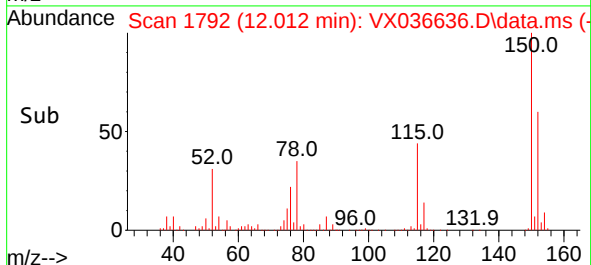
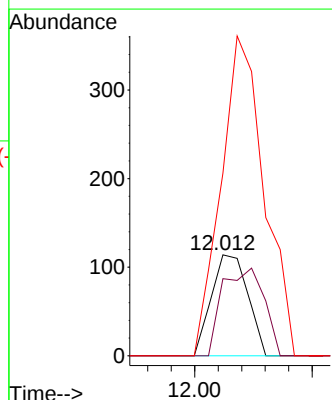
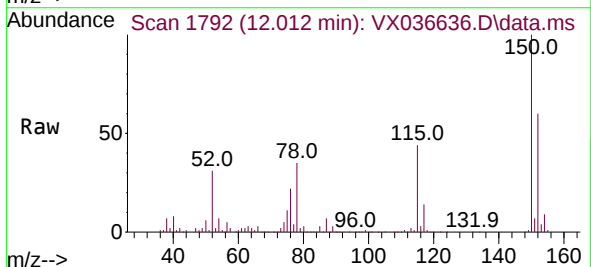
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

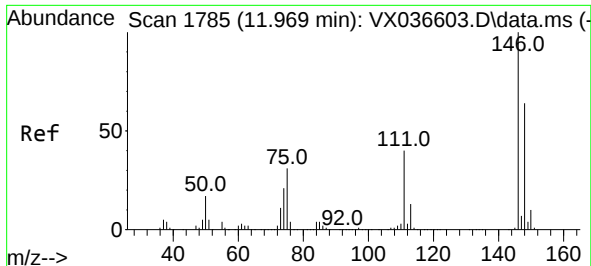
Tgt Ion:105 Resp: 85
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.015 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036636.D
 Acq: 24 Jul 2023 17:44

Tgt Ion:119 Resp: 123
 Ion Ratio Lower Upper
 119 100
 134 99.2 12.8 38.3#
 91 374.8 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.021 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.067 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

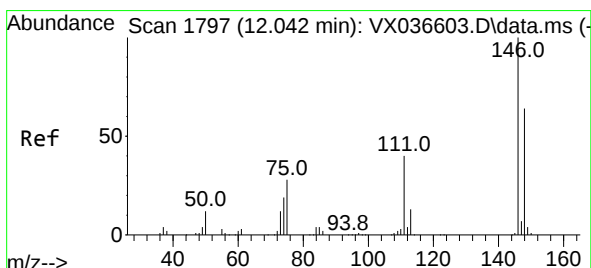
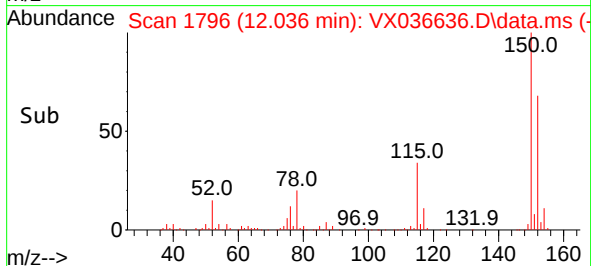
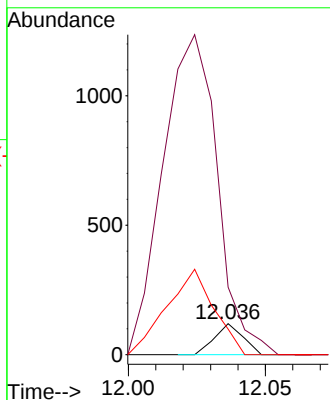
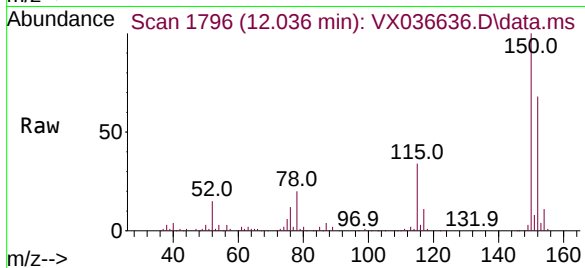
Tgt Ion:146 Resp: 86

Ion Ratio Lower Upper

146 100

111 1984.9 22.1 66.1#

148 460.5 31.8 95.3#



#88

1,4-Dichlorobenzene

Concen: 0.021 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

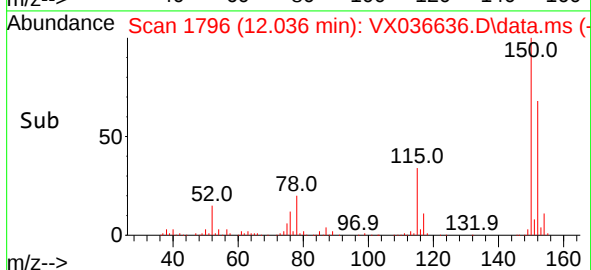
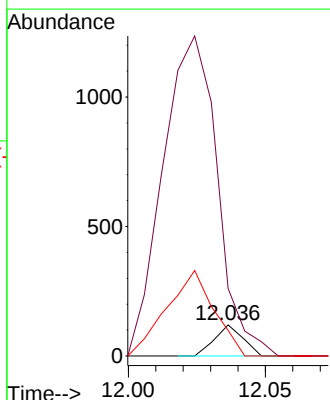
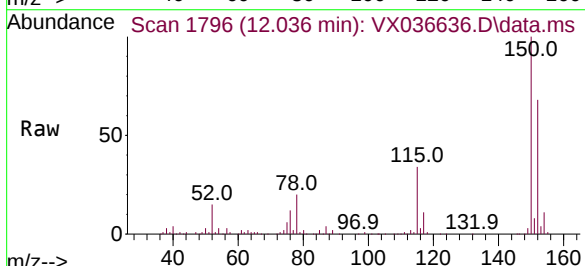
Tgt Ion:146 Resp: 86

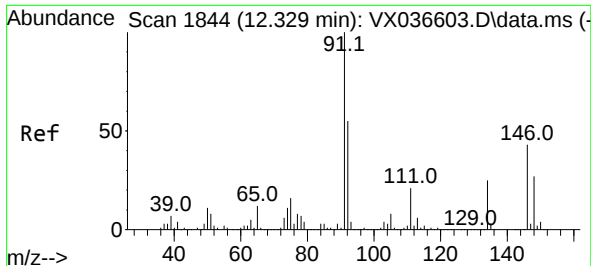
Ion Ratio Lower Upper

146 100

111 1984.9 21.3 63.7#

148 460.5 31.8 95.4#

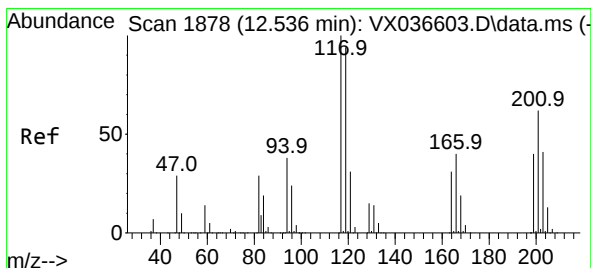
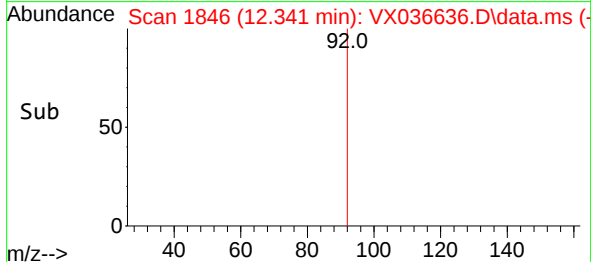
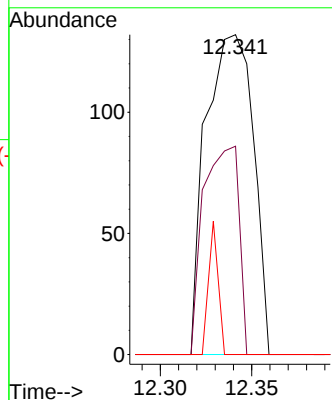
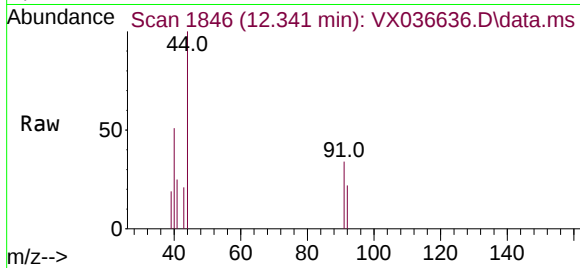




#89
n-Butylbenzene
Concen: 0.032 ug/l
RT: 12.341 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 238
Ion Ratio Lower Upper
91 100
92 48.7 27.4 82.0
134 8.4 12.6 37.8#



#90
Hexachloroethane
Concen: 0.027 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 117 Resp: 45
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

