

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036611.D
 Acq On : 21 Jul 2023 16:01
 Operator : JC/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BLK

Quant Time: Jul 21 23:06:59 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	5.556	168	165546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	278577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99134	40.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.940%
35) Dibromofluoromethane	5.385	113	85917	44.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.647	98	331872	48.875	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	117854	46.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.160	85	188	0.086	ug/l #	41
3) Chloromethane	1.301	50	372	0.187	ug/l #	66
4) Vinyl Chloride	1.374	62	43	0.021	ug/l #	73
7) Trichlorofluoromethane	1.892	101	142	0.045	ug/l	92
8) Diethyl Ether	2.111	74	101	0.083	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.337	101	98	0.052	ug/l #	1
10) Methyl Iodide	2.453	142	326	0.167	ug/l #	61
14) Allyl chloride	2.666	41	344	0.094	ug/l #	83
18) Methyl Acetate	2.709	43	438	0.102	ug/l #	73
19) Methyl tert-butyl Ether	3.105	73	74	0.011	ug/l #	54
21) trans-1,2-Dichloroethene	3.093	96	318	0.153	ug/l #	66
22) Diisopropyl ether	3.751	45	155	0.022	ug/l #	38
23) Vinyl Acetate	3.739	43	275	0.052	ug/l #	73
25) 2-Butanone	4.568	43	117	0.071	ug/l #	51
26) 2,2-Dichloropropane	4.471	77	83	0.023	ug/l	89
27) cis-1,2-Dichloroethene	4.483	96	77	0.031	ug/l #	28
28) Bromochloromethane	4.916	49	48	0.026	ug/l #	16
29) Tetrahydrofuran	5.026	42	146	0.137	ug/l #	1
30) Chloroform	4.989	83	110	0.028	ug/l	99
31) Cyclohexane	5.452	56	302	0.089	ug/l #	52
32) 1,1,1-Trichloroethane	5.391	97	109	0.030	ug/l #	23
37) Ethyl Acetate	4.745	43	205	0.063	ug/l #	15
39) Methylcyclohexane	7.373	83	258	0.073	ug/l #	76
40) Benzene	6.038	78	270	0.033	ug/l #	51
41) Methacrylonitrile	4.916	41	251	0.145	ug/l #	44
42) 1,2-Dichloroethane	6.092	62	185	0.061	ug/l #	77
43) Isopropyl Acetate	6.355	43	97	0.017	ug/l #	62
44) Trichloroethene	7.129	130	206	0.095	ug/l	69
46) Dibromomethane	7.586	93	93	0.060	ug/l #	1
47) Bromodichloromethane	7.824	83	297	0.093	ug/l #	63
48) Methyl methacrylate	7.696	41	145	0.056	ug/l #	59
51) 4-Methyl-2-Pentanone	8.580	43	419	0.136	ug/l #	80
52) Toluene	8.720	92	281	0.054	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	260	0.072	ug/l #	6
54) cis-1,3-Dichloropropene	8.366	75	203	0.053	ug/l #	49
55) 1,1,2-Trichloroethane	9.159	97	78	0.036	ug/l #	17

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036611.D
 Acq On : 21 Jul 2023 16:01
 Operator : JC/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BLK

Quant Time: Jul 21 23:06:59 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

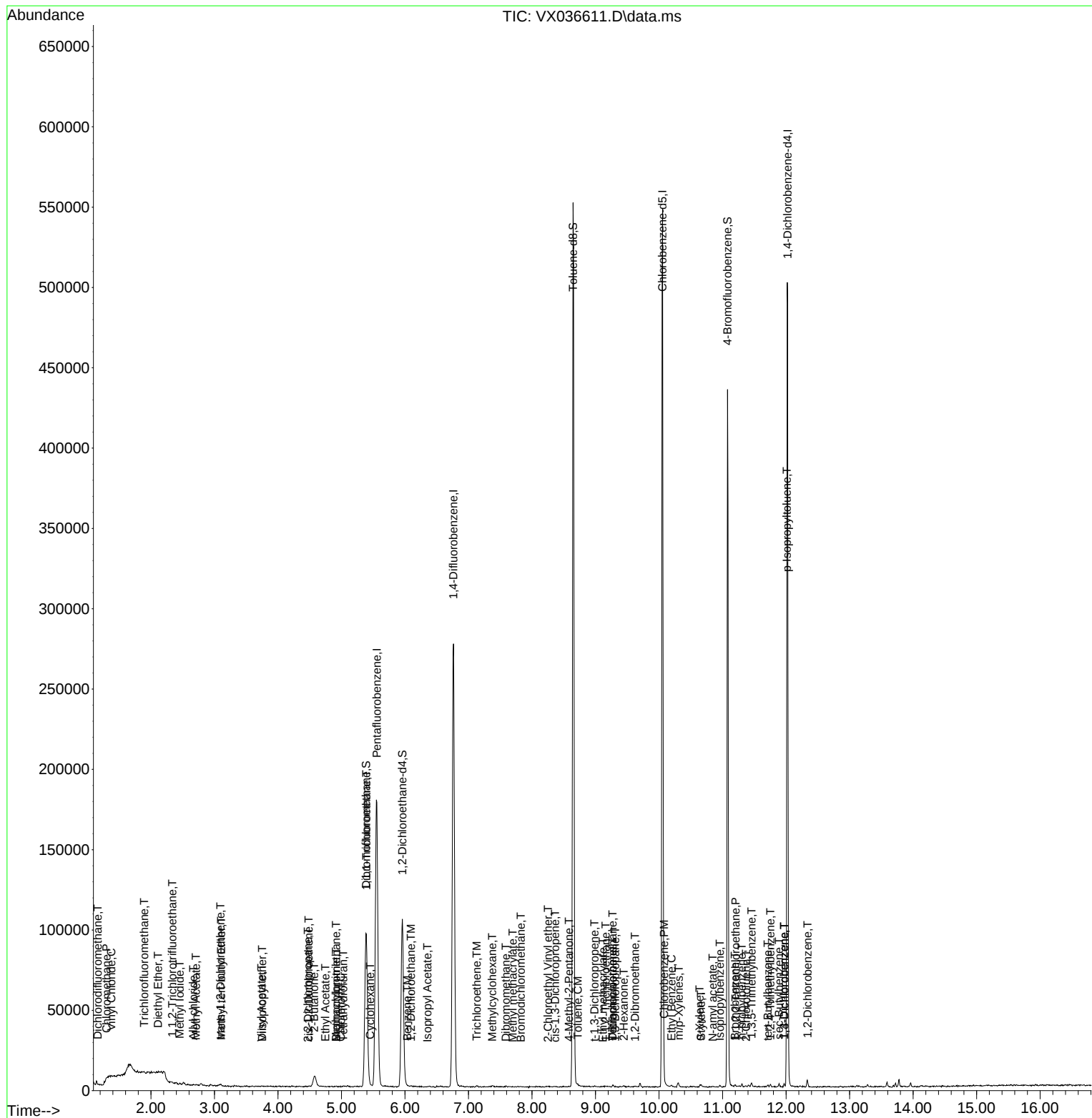
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
56) Ethyl methacrylate	9.116	69	144	0.040	ug/l	#	1
57) 1,3-Dichloropropane	9.311	76	33	0.009	ug/l	#	50
58) 2-Chloroethyl Vinyl ether	8.251	63	184	0.105	ug/l	#	47
59) 2-Hexanone	9.445	43	352	0.154	ug/l		87
60) Dibromochloromethane	9.269	129	133	0.055	ug/l	#	11
61) 1,2-Dibromoethane	9.622	107	94	0.041	ug/l	#	49
64) Tetrachloroethene	9.269	164	140	0.077	ug/l		83
65) Chlorobenzene	10.079	112	447	0.083	ug/l	#	80
67) Ethyl Benzene	10.195	91	775	0.079	ug/l	#	73
68) m/p-Xylenes	10.311	106	445	0.122	ug/l	#	44
69) o-Xylene	10.640	106	233	0.064	ug/l		99
70) Styrene	10.659	104	498	0.083	ug/l		89
73) Isopropylbenzene	10.957	105	608	0.071	ug/l		83
74) N-amyl acetate	10.848	43	432	0.109	ug/l	#	53
75) 1,1,2,2-Tetrachloroethane	11.207	83	181	0.063	ug/l	#	52
77) Bromobenzene	11.195	156	140	0.072	ug/l	#	10
78) n-propylbenzene	11.305	91	1254	0.127	ug/l		95
79) 2-Chlorotoluene	11.372	91	808	0.135	ug/l		82
80) 1,3,5-Trimethylbenzene	11.457	105	583	0.082	ug/l		85
83) tert-Butylbenzene	11.713	119	558	0.080	ug/l		74
84) 1,2,4-Trimethylbenzene	11.756	105	662	0.093	ug/l		98
85) sec-Butylbenzene	11.890	105	1021	0.117	ug/l		92
86) p-Isopropyltoluene	12.012	119	855	0.119	ug/l	#	34
87) 1,3-Dichlorobenzene	11.969	146	594	0.165	ug/l		91
88) 1,4-Dichlorobenzene	11.969	146	594	0.167	ug/l		90
91) 1,2-Dichlorobenzene	12.341	146	501	0.144	ug/l		86

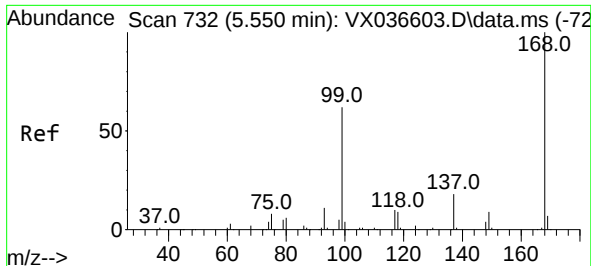
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036611.D
 Acq On : 21 Jul 2023 16:01
 Operator : JC/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BLK

Quant Time: Jul 21 23:06:59 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

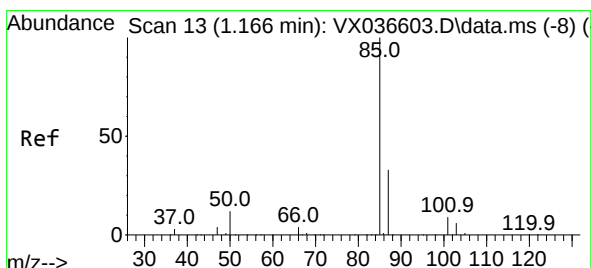
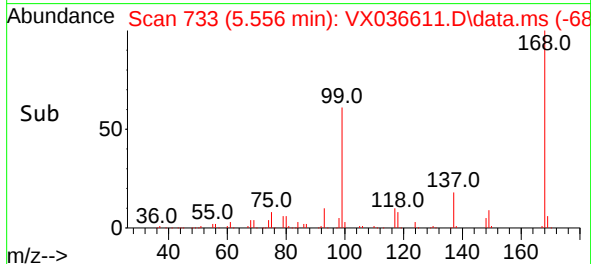
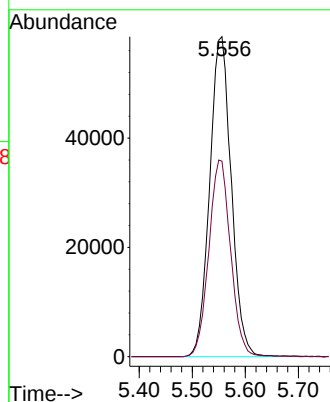
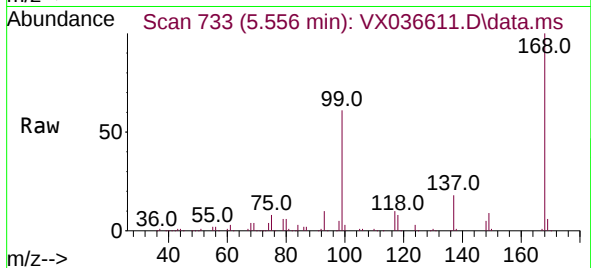




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

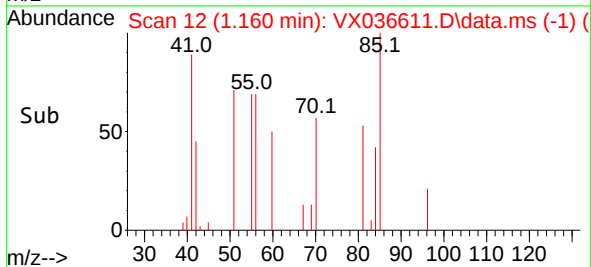
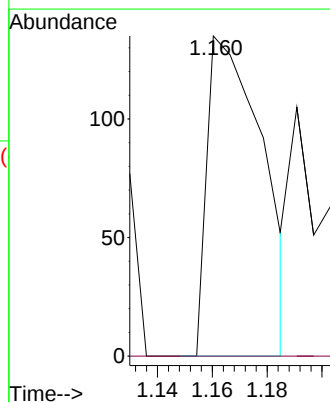
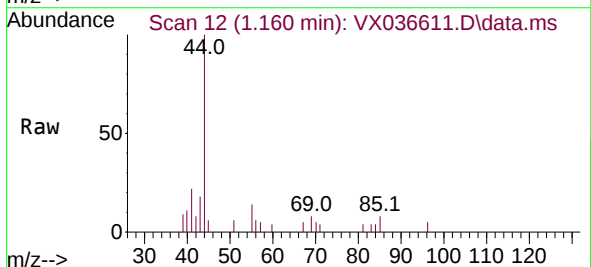
Instrument :
MSVOA_X
ClientSampleId :
BLK

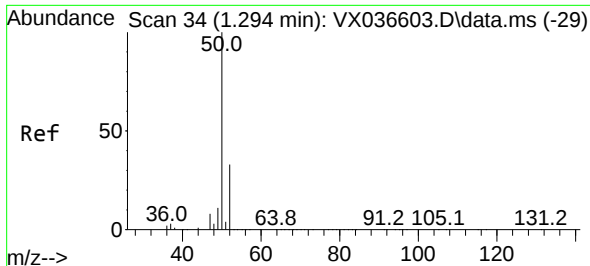
Tgt Ion:168 Resp: 165546
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.086 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 85 Resp: 188
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

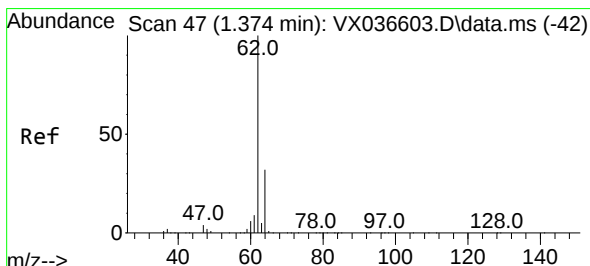
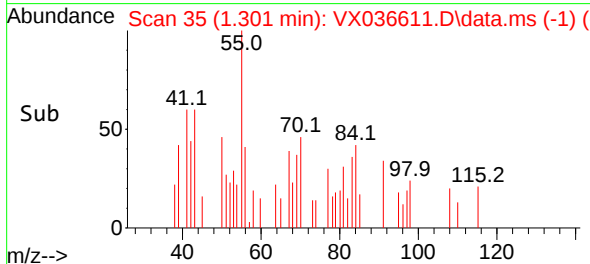
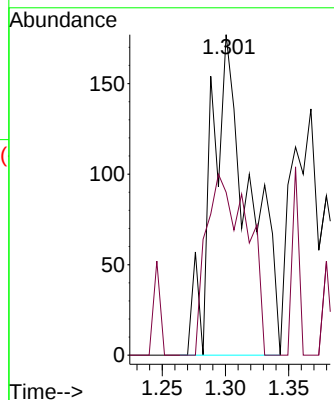
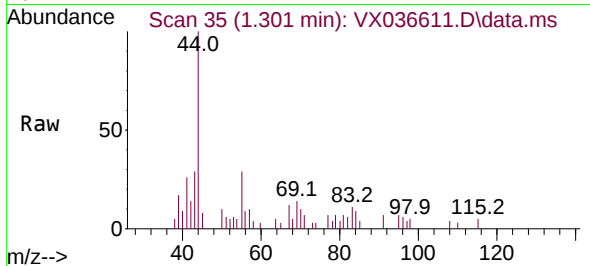




#3
Chloromethane
Concen: 0.187 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

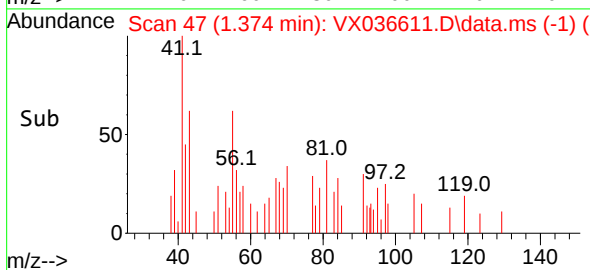
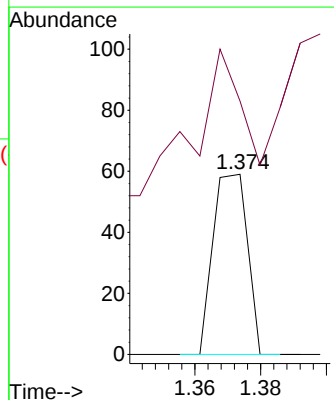
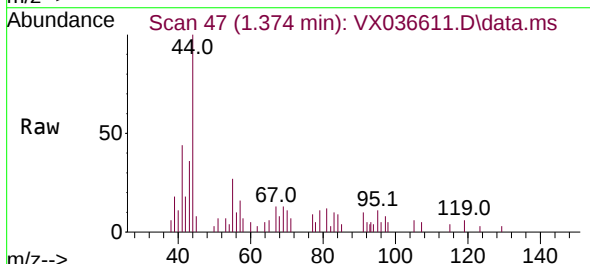
Instrument :
MSVOA_X
ClientSampleId :
BLK

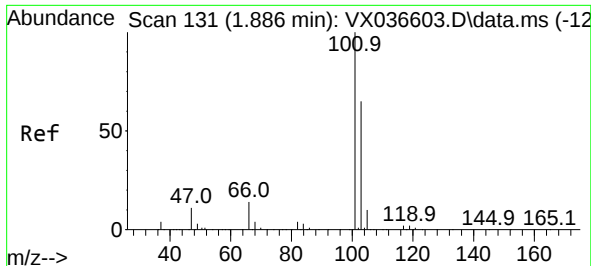
Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 50.8 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.021 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 62 Resp: 43
Ion Ratio Lower Upper
62 100
64 16.9 25.4 38.0#

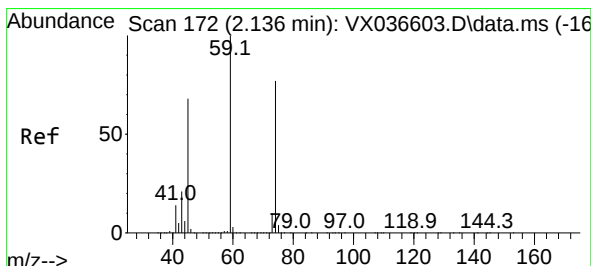
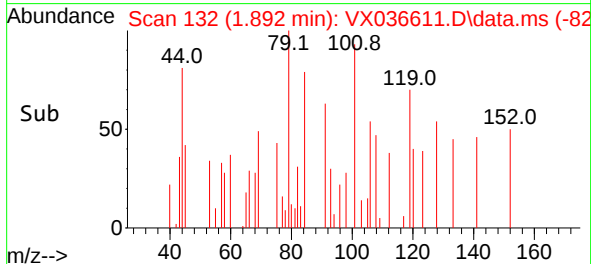
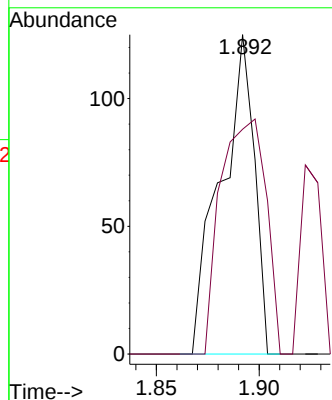
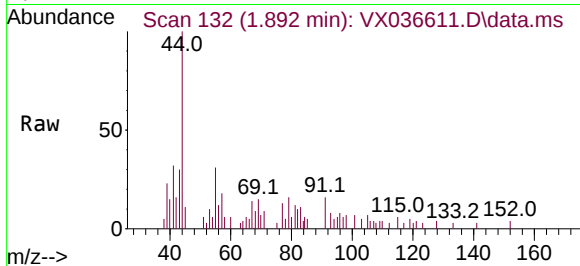




#7
 Trichlorofluoromethane
 Concen: 0.045 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX036611.D
 Acq: 21 Jul 2023 16:01

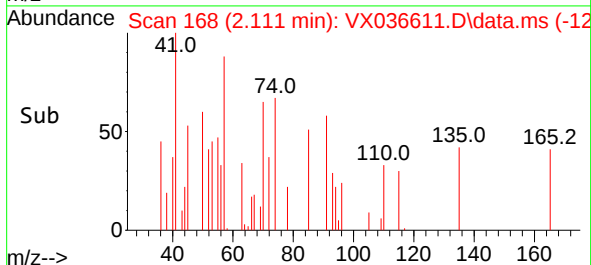
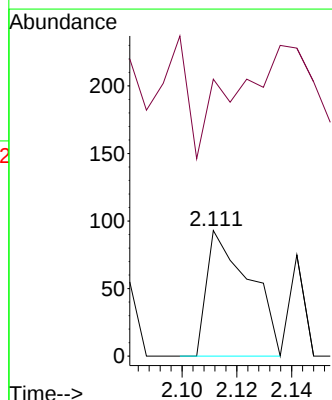
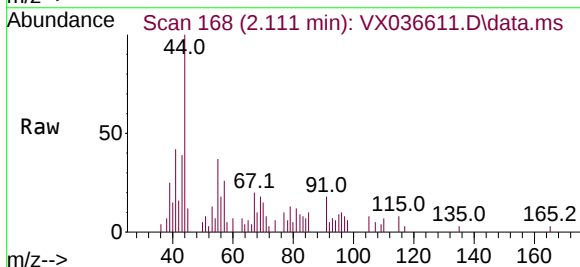
Instrument :
 MSVOA_X
 ClientSampleId :
 BLK

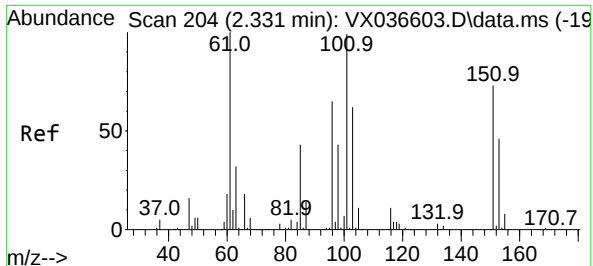
Tgt Ion:101 Resp: 142
 Ion Ratio Lower Upper
 101 100
 103 70.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 0.083 ug/l
 RT: 2.111 min Scan# 168
 Delta R.T. -0.024 min
 Lab File: VX036611.D
 Acq: 21 Jul 2023 16:01

Tgt Ion: 74 Resp: 101
 Ion Ratio Lower Upper
 74 100
 45 0.0 53.3 159.8#

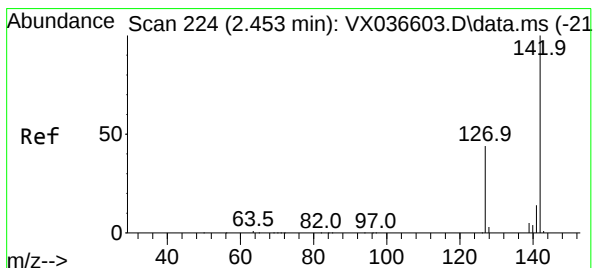
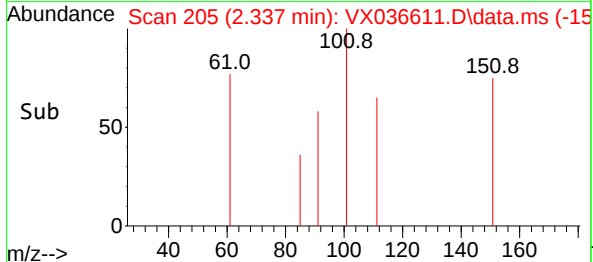
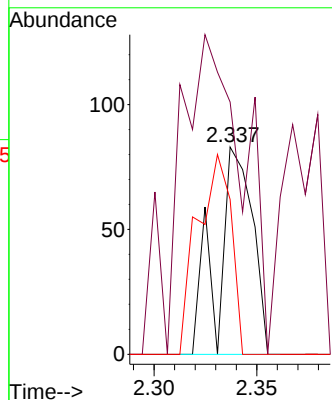
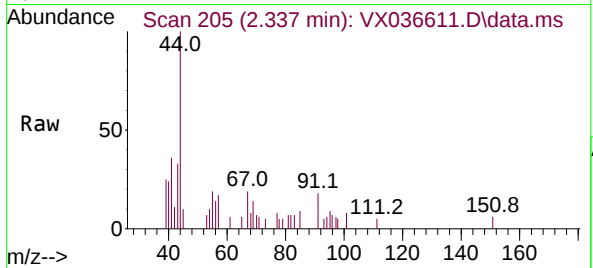




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.052 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

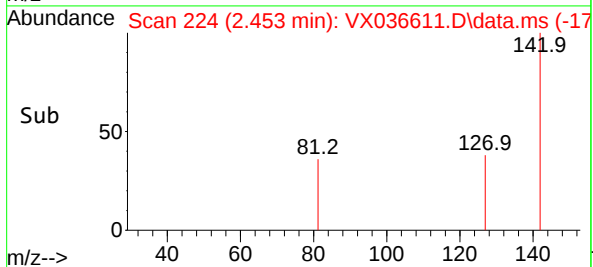
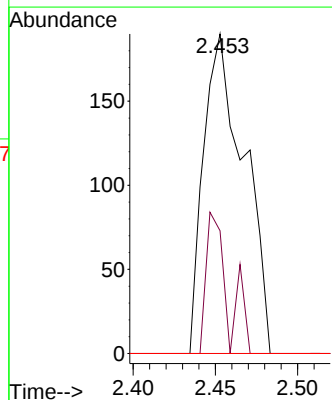
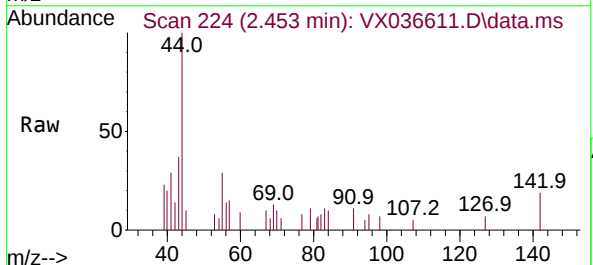
Instrument :
MSVOA_X
ClientSampleId :
BLK

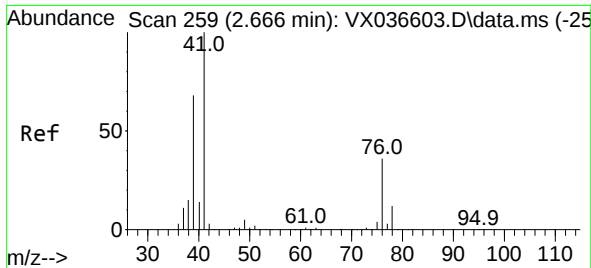
Tgt Ion:101 Resp: 98
Ion Ratio Lower Upper
101 100
85 285.7 37.0 55.6#
151 92.9 58.6 87.8#



#10
Methyl Iodide
Concen: 0.167 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:142 Resp: 326
Ion Ratio Lower Upper
142 100
127 23.6 41.6 62.4#
141 0.0 11.6 17.4#

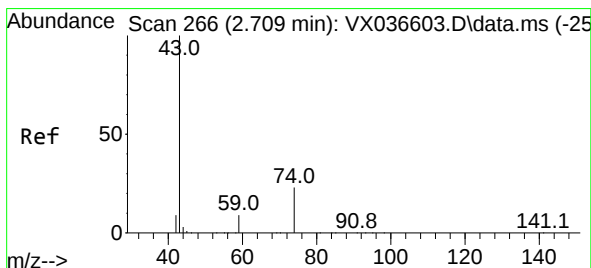
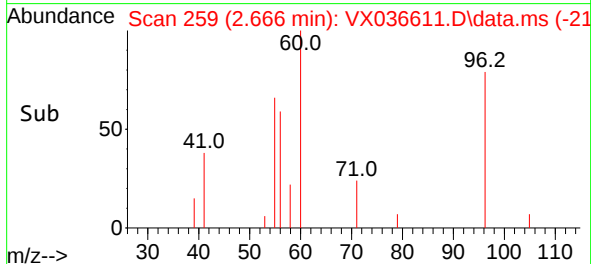
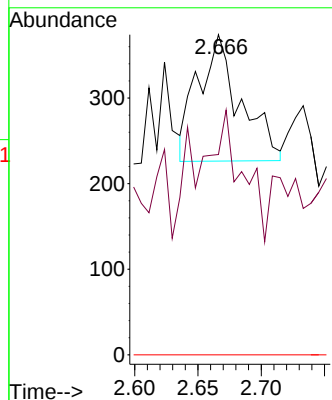
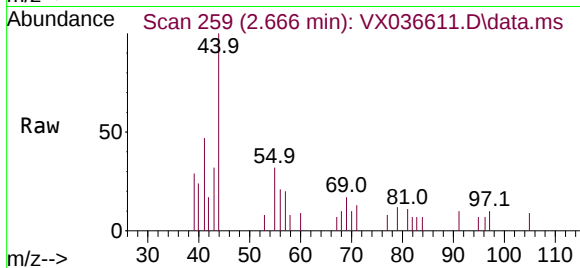




#14
 Allyl chloride
 Concen: 0.094 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036611.D
 Acq: 21 Jul 2023 16:01

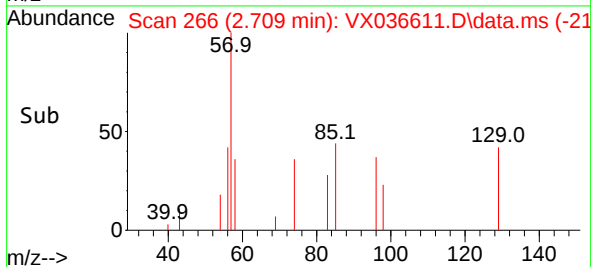
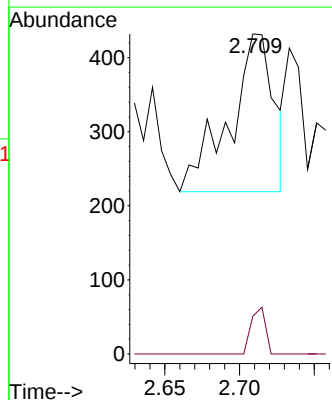
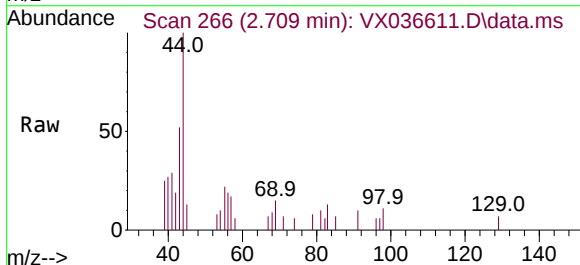
Instrument :
 MSVOA_X
 ClientSampleId :
 BLK

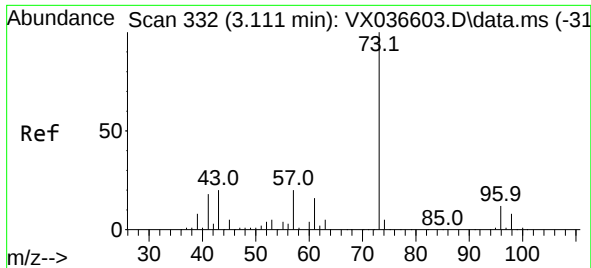
Tgt Ion: 41 Resp: 344
 Ion Ratio Lower Upper
 41 100
 39 70.3 55.8 83.6
 76 0.0 24.3 36.5#



#18
 Methyl Acetate
 Concen: 0.102 ug/l
 RT: 2.709 min Scan# 266
 Delta R.T. 0.000 min
 Lab File: VX036611.D
 Acq: 21 Jul 2023 16:01

Tgt Ion: 43 Resp: 438
 Ion Ratio Lower Upper
 43 100
 74 9.6 17.8 26.8#

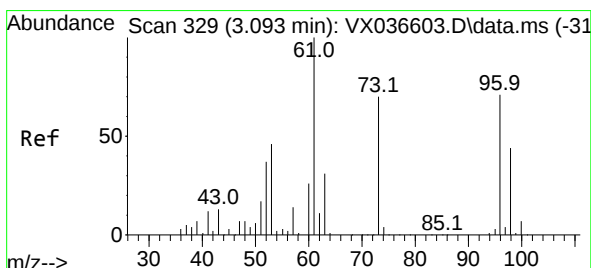
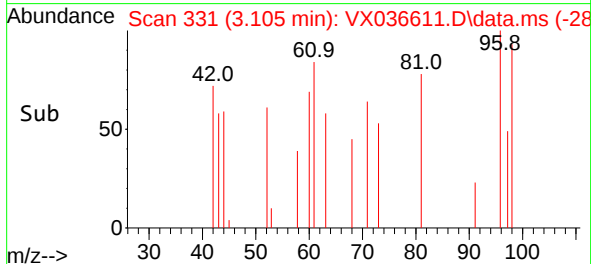
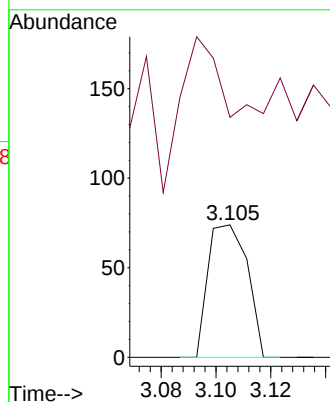
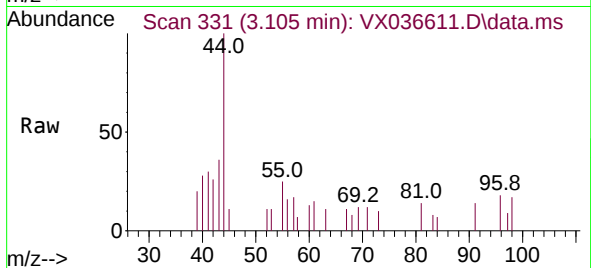




#19
Methyl tert-butyl Ether
Concen: 0.011 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

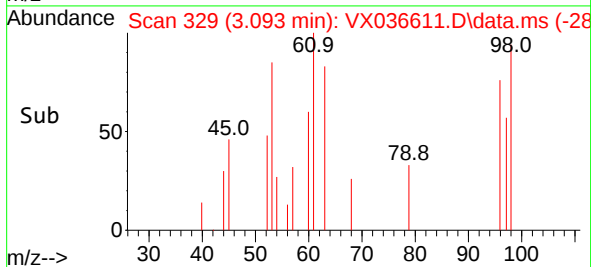
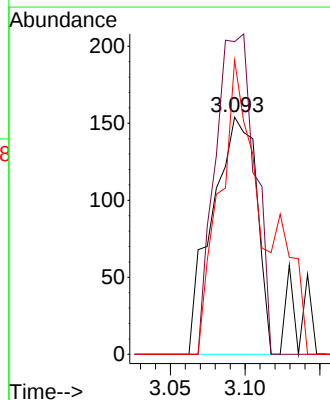
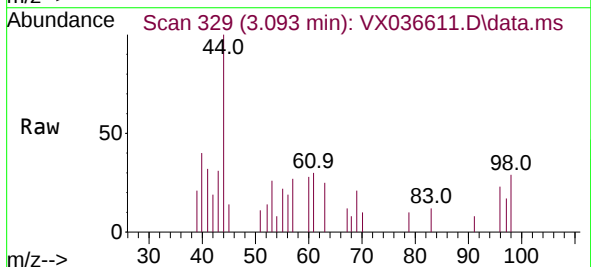
Instrument :
MSVOA_X
ClientSampleId :
BLK

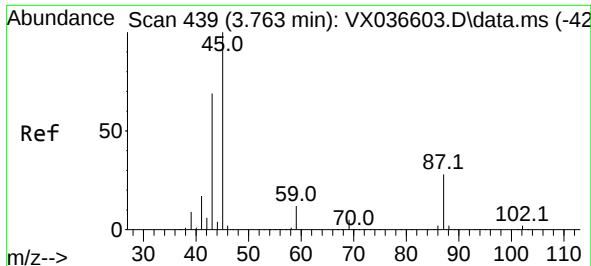
Tgt Ion: 73 Resp: 74
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



#21
trans-1,2-Dichloroethene
Concen: 0.153 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 96 Resp: 318
Ion Ratio Lower Upper
96 100
61 131.8 119.2 178.8
98 124.0 48.7 73.1#

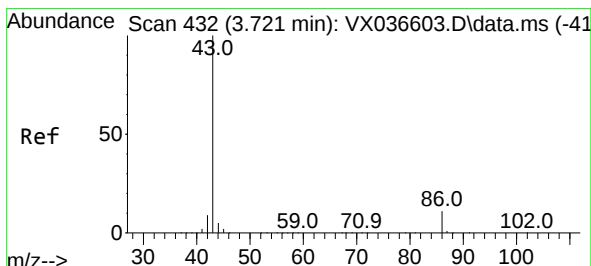
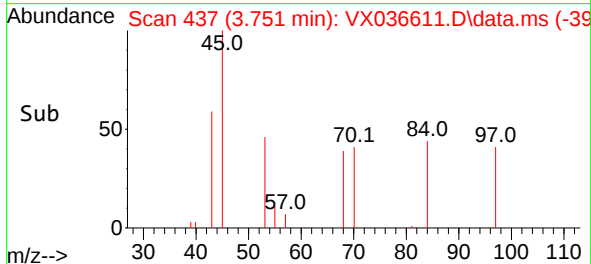
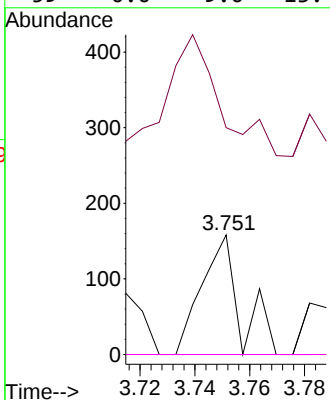
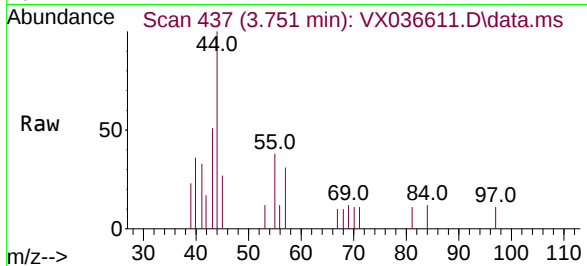




#22
Diisopropyl ether
Concen: 0.022 ug/l
RT: 3.751 min Scan# 41
Delta R.T. -0.012 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

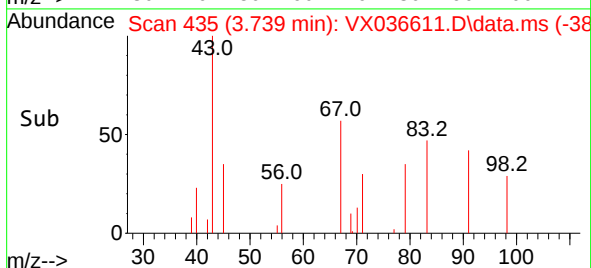
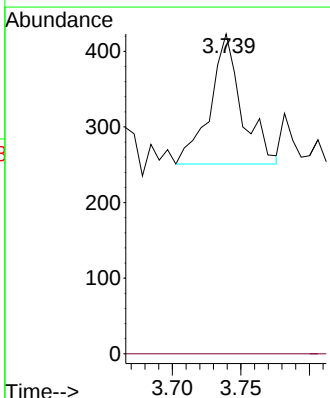
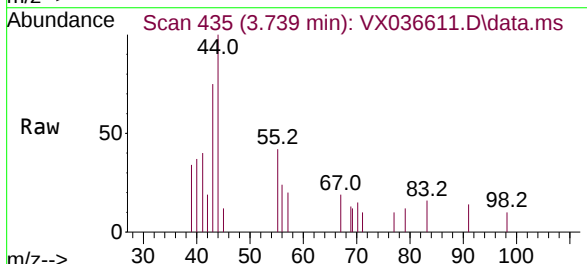
Instrument :
MSVOA_X
ClientSampleId :
BLK

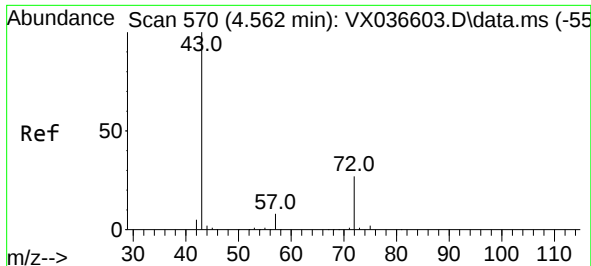
Tgt Ion:	45	Resp:	155
Ion	Ratio	Lower	Upper
45	100		
43	23.4	69.7	104.5#
87	0.0	20.8	31.2#
59	0.0	9.0	13.4#



#23
Vinyl Acetate
Concen: 0.052 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:	43	Resp:	275
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#





#25

2-Butanone

Concen: 0.071 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

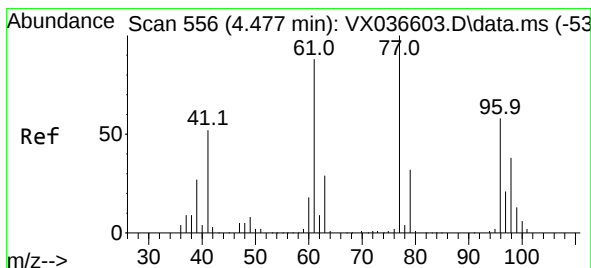
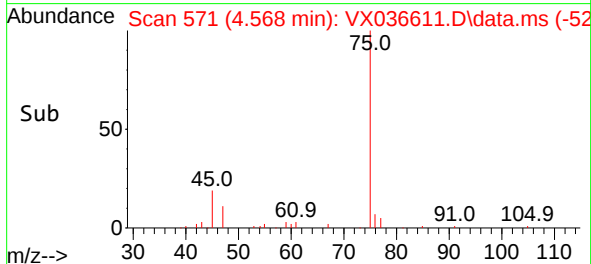
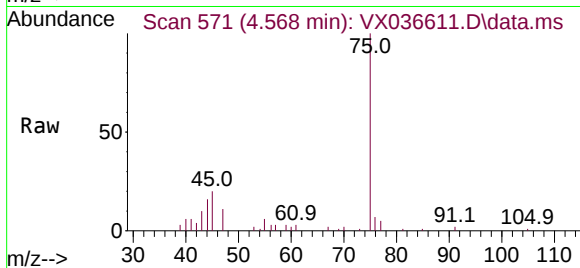
BLK

Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.023 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX036611.D

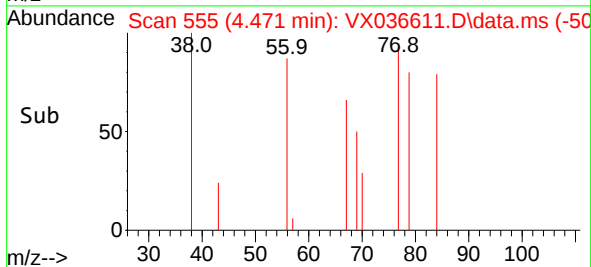
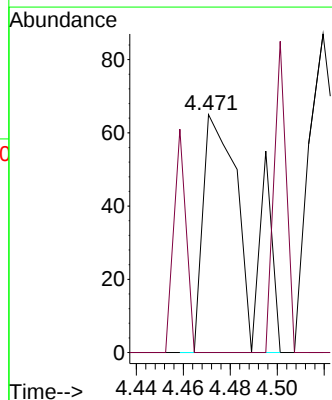
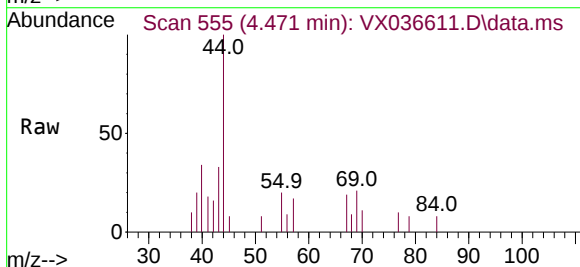
Acq: 21 Jul 2023 16:01

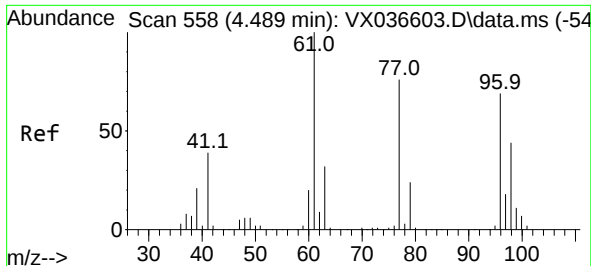
Tgt Ion: 77 Resp: 83

Ion Ratio Lower Upper

77 100

97 26.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.031 ug/l

RT: 4.483 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

BLK

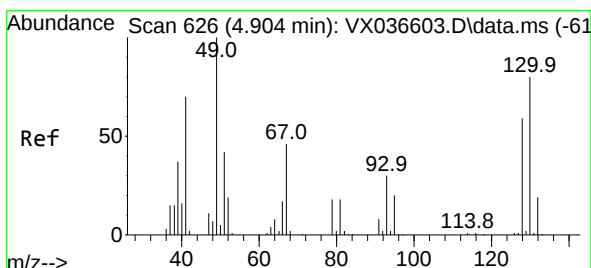
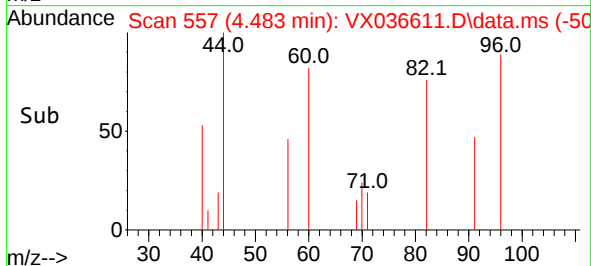
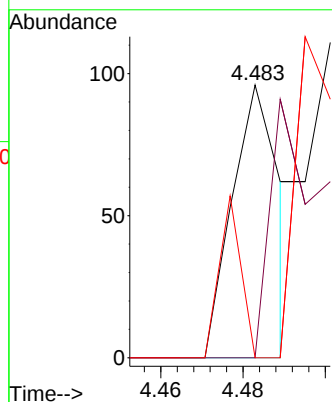
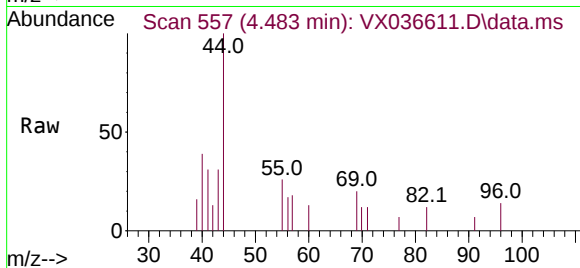
Tgt Ion: 96 Resp: 77

Ion Ratio Lower Upper

96 100

61 98.7 0.0 312.2

98 174.0 0.0 129.0#



#28

Bromochloromethane

Concen: 0.026 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.012 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

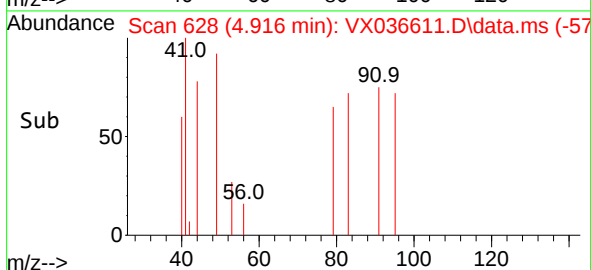
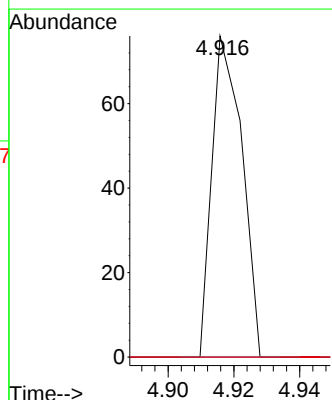
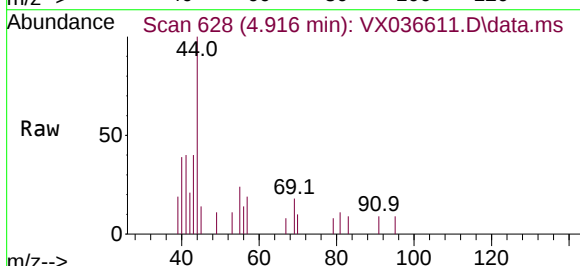
Tgt Ion: 49 Resp: 48

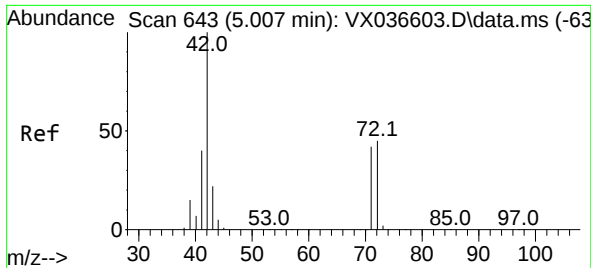
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 0.137 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

BLK

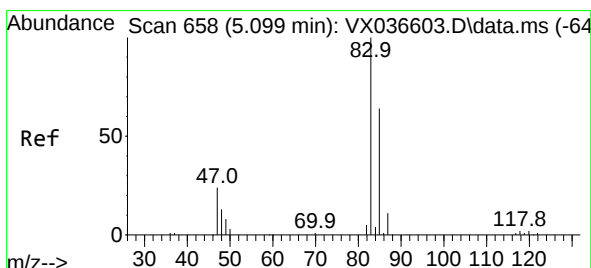
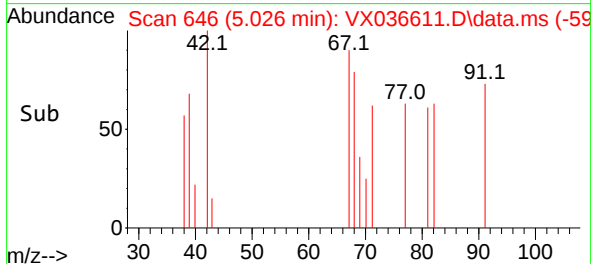
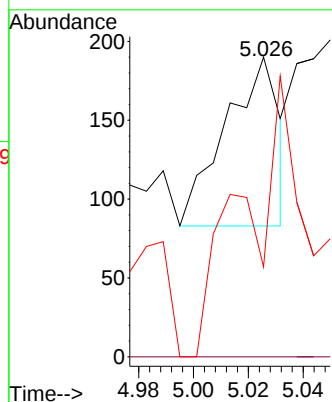
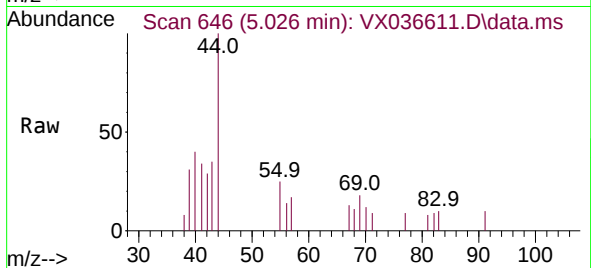
Tgt Ion: 42 Resp: 146

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 169.9 32.2 48.2#



#30

Chloroform

Concen: 0.028 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.110 min

Lab File: VX036611.D

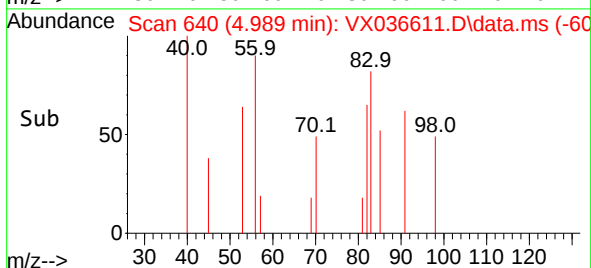
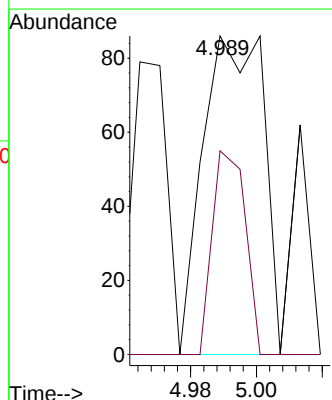
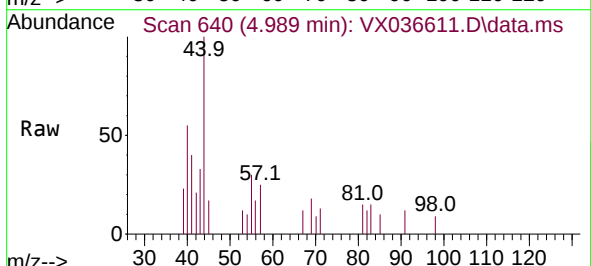
Acq: 21 Jul 2023 16:01

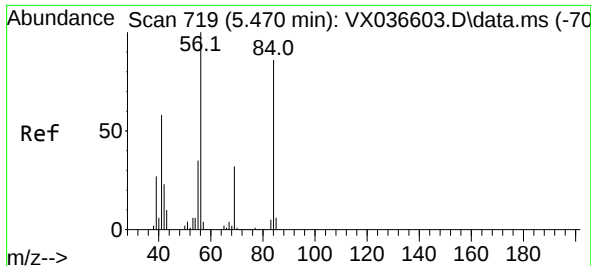
Tgt Ion: 83 Resp: 110

Ion Ratio Lower Upper

83 100

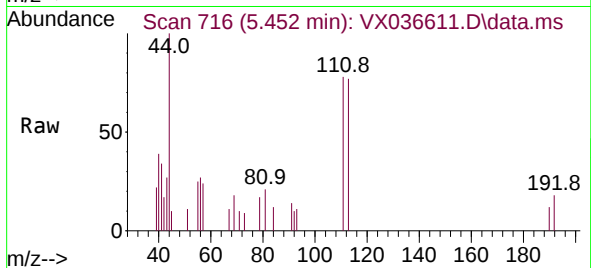
85 64.0 50.3 75.5





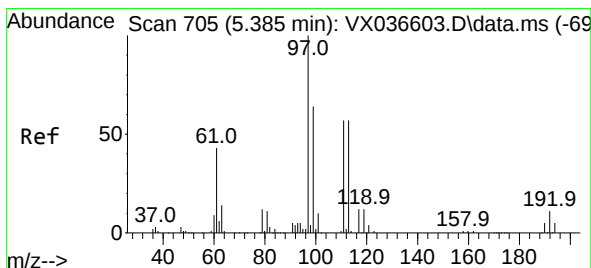
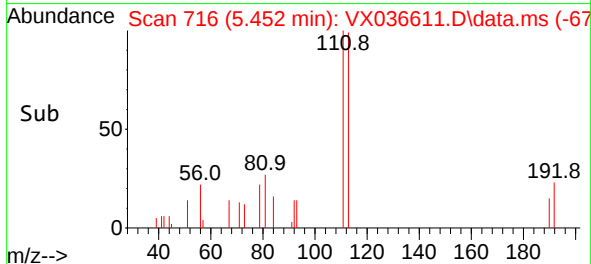
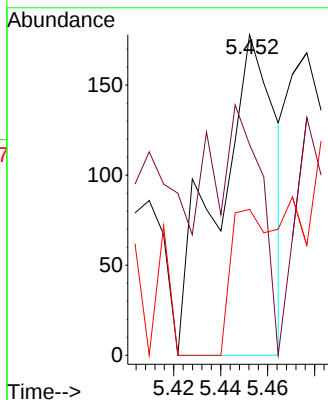
#31
Cyclohexane
Concen: 0.089 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.018 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
BLK



Tgt Ion: 56 Resp: 302

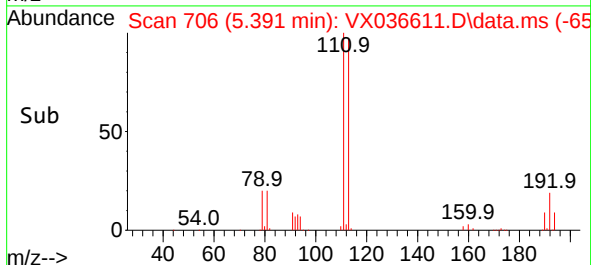
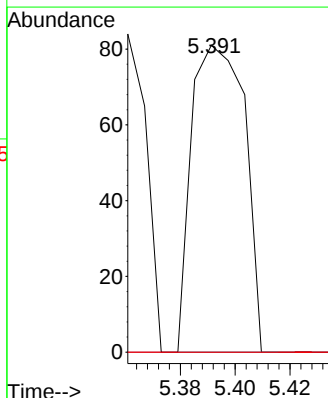
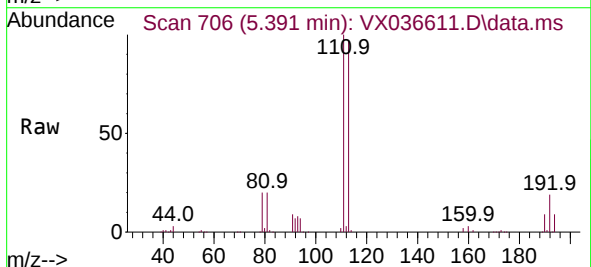
Ion	Ratio	Lower	Upper
56	100		
69	65.7	23.4	35.2#
84	45.5	65.9	98.9#

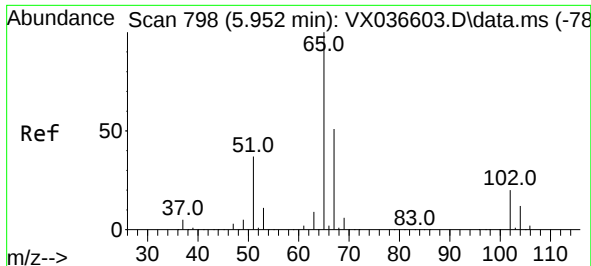


#32
1,1,1-Trichloroethane
Concen: 0.030 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 97 Resp: 109

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	0.0	36.4	54.6#





#33

1,2-Dichloroethane-d4

Concen: 40.471 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

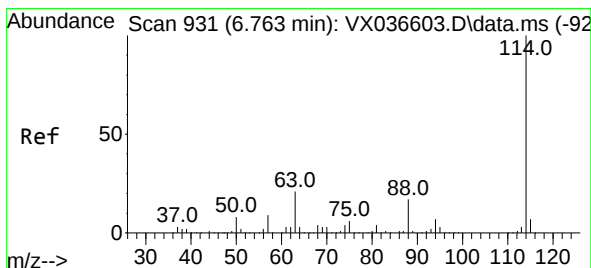
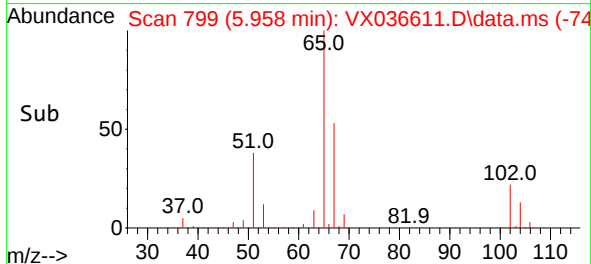
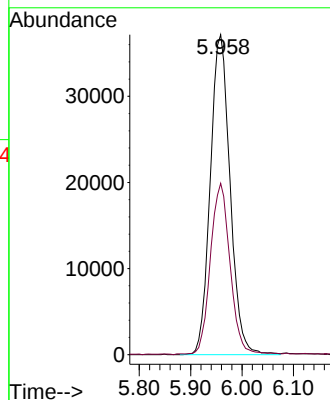
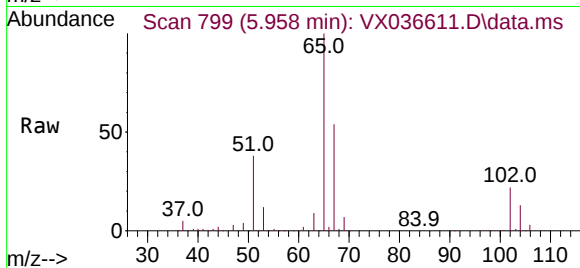
BLK

Tgt Ion: 65 Resp: 99134

Ion Ratio Lower Upper

65 100

67 53.6 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: VX036611.D

Acq: 21 Jul 2023 16:01

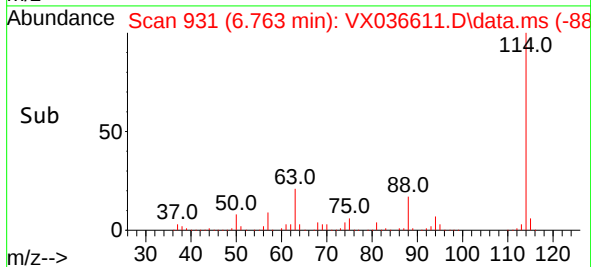
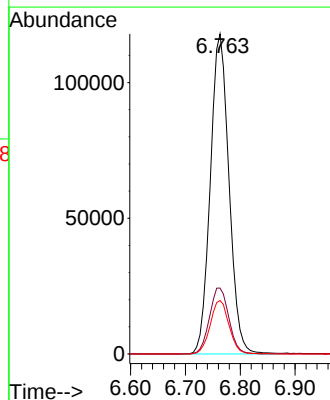
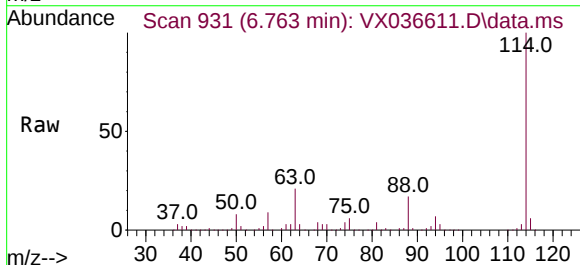
Tgt Ion: 114 Resp: 278577

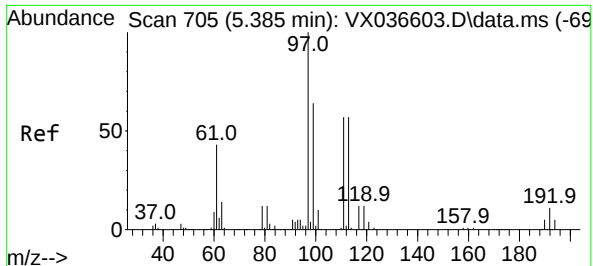
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.7 0.0 36.6

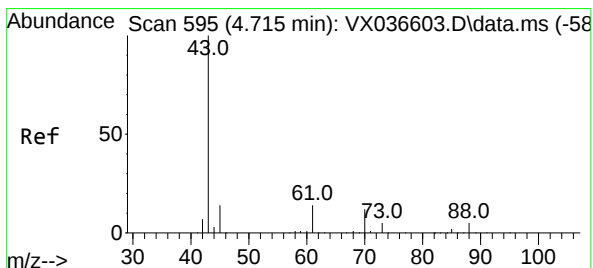
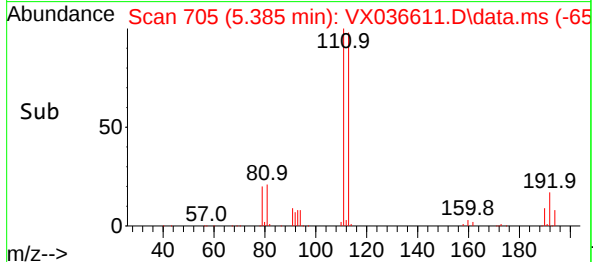
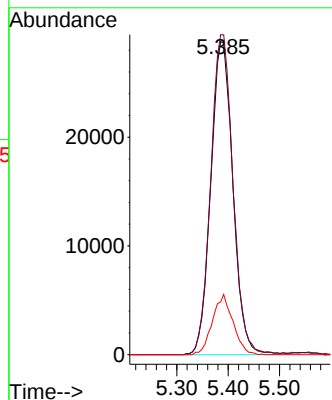
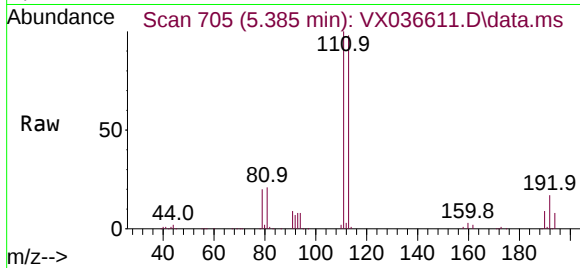




#35
Dibromofluoromethane
Concen: 44.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

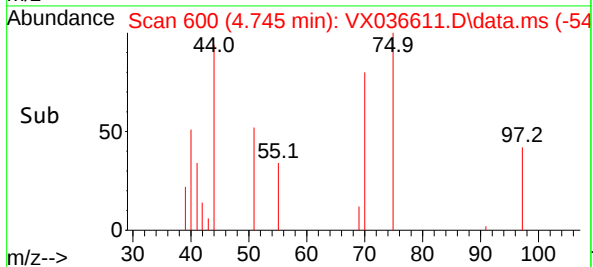
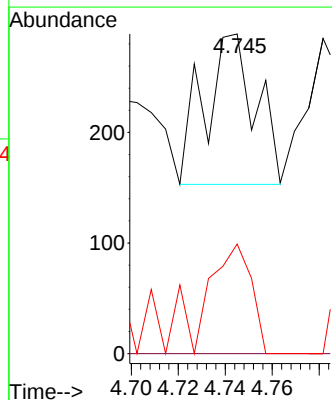
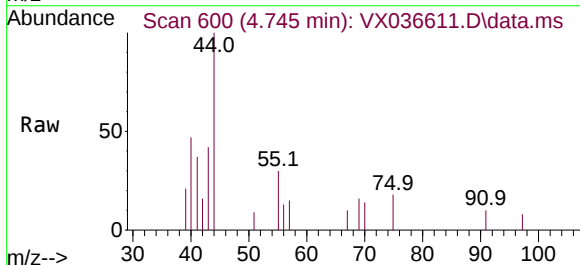
Instrument :
MSVOA_X
ClientSampleId :
BLK

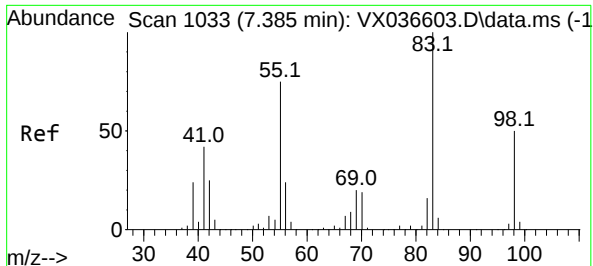
Tgt Ion:113 Resp: 85917
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.9 13.3 19.9



#37
Ethyl Acetate
Concen: 0.063 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.031 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 67.3 8.3 12.5#





#39

Methylcyclohexane

Concen: 0.073 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

BLK

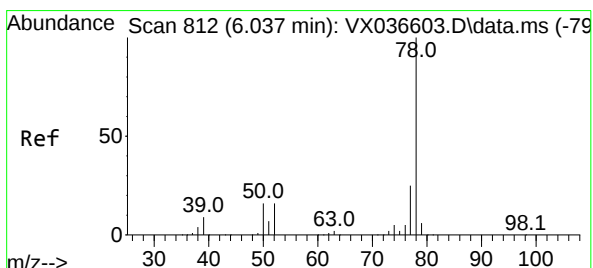
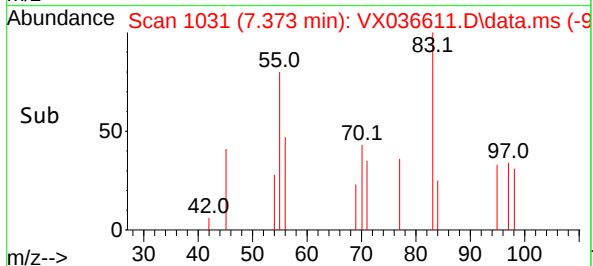
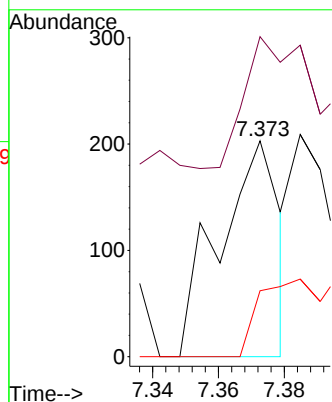
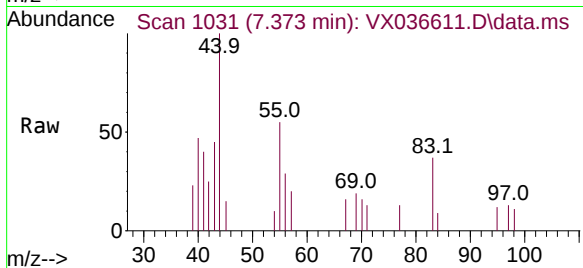
Tgt Ion: 83 Resp: 258

Ion Ratio Lower Upper

83 100

55 59.6 64.6 97.0#

98 30.5 36.7 55.1#



#40

Benzene

Concen: 0.033 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036611.D

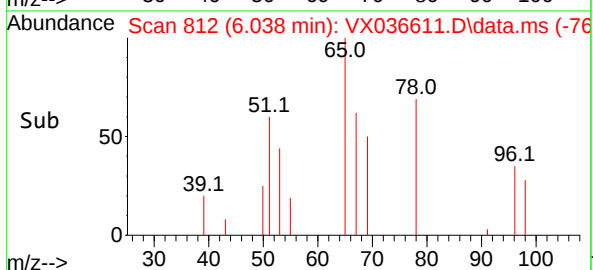
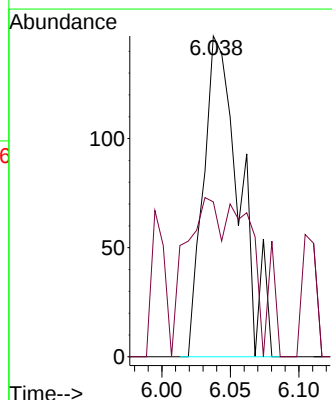
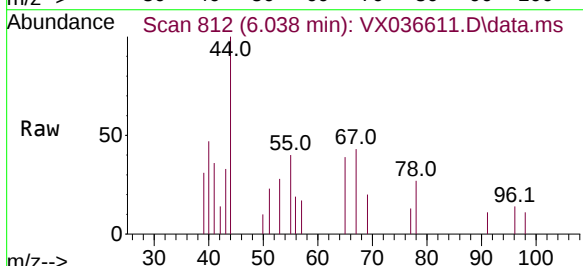
Acq: 21 Jul 2023 16:01

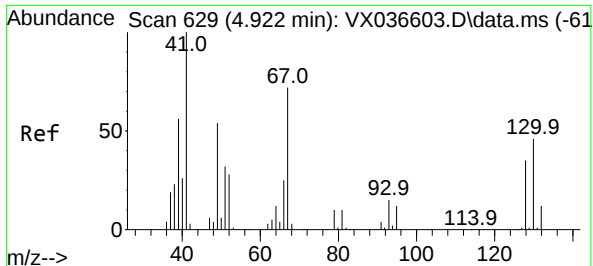
Tgt Ion: 78 Resp: 270

Ion Ratio Lower Upper

78 100

77 48.3 19.3 28.9#

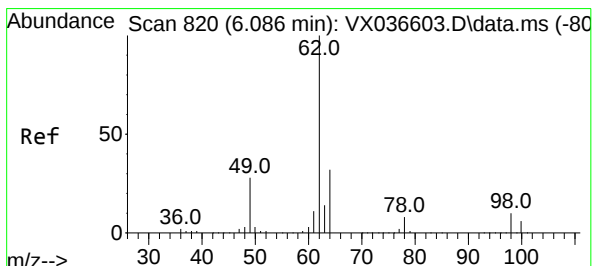
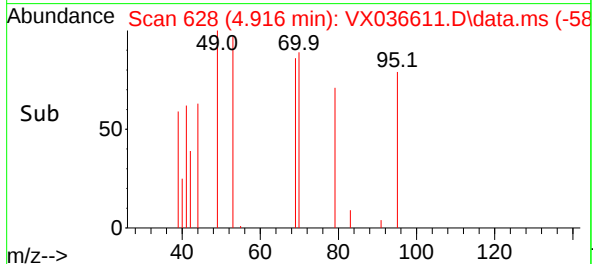
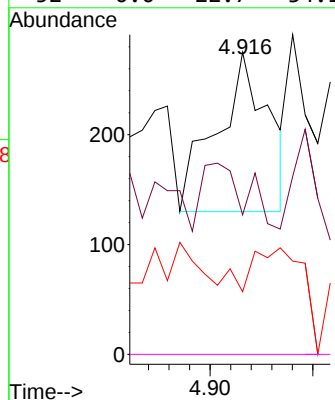
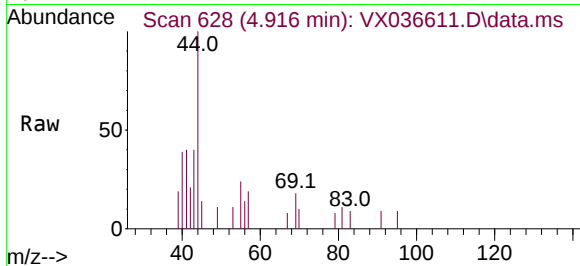




#41
Methacrylonitrile
Concen: 0.145 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

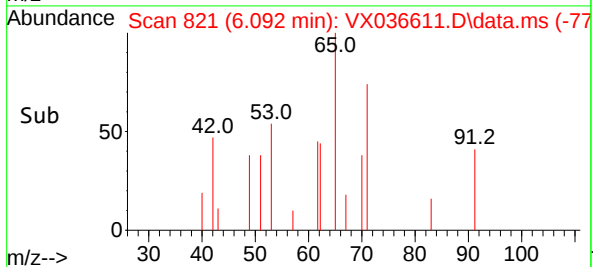
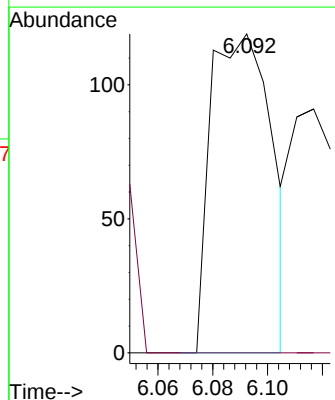
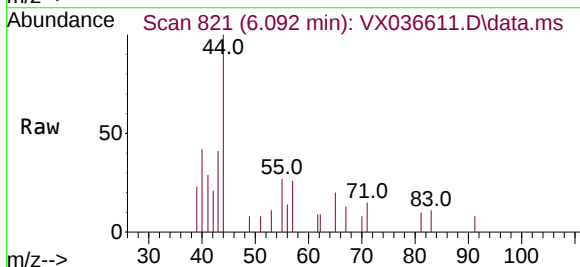
Instrument :
MSVOA_X
ClientSampleId :
BLK

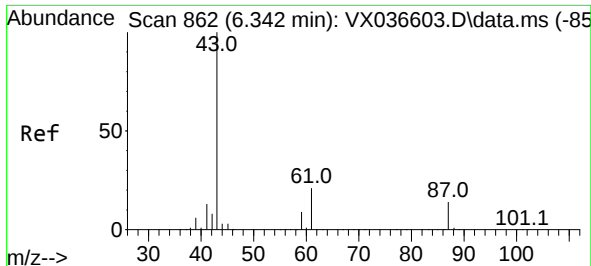
Tgt Ion: 41 Resp: 251
Ion Ratio Lower Upper
41 100
39 37.1 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.061 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 62 Resp: 185
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.017 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

BLK

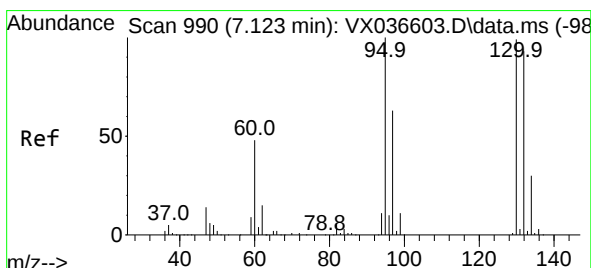
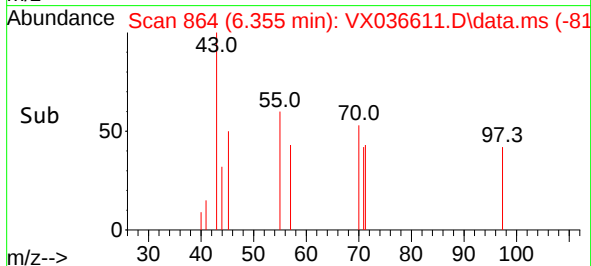
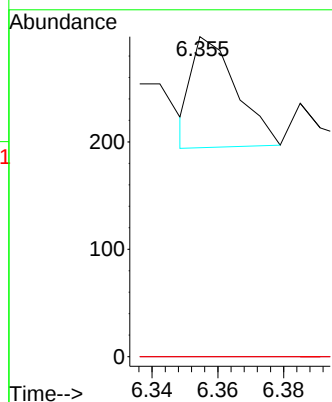
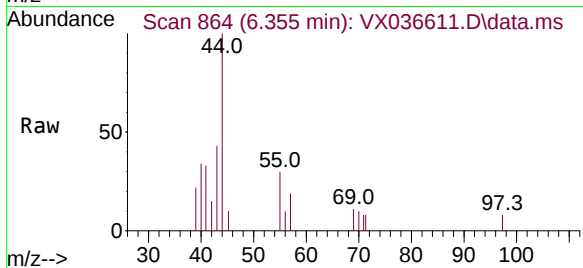
Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.095 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036611.D

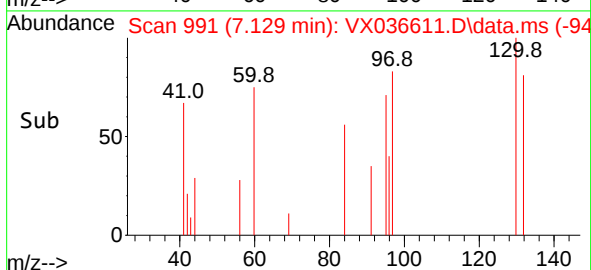
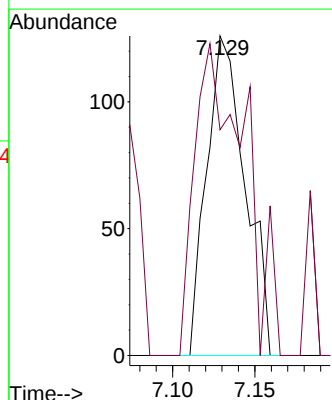
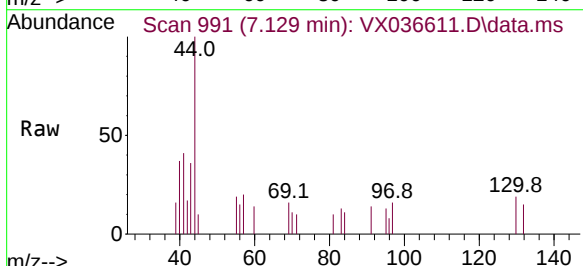
Acq: 21 Jul 2023 16:01

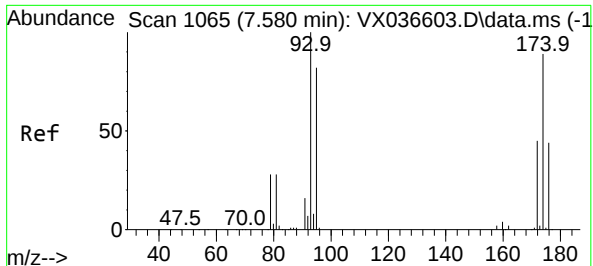
Tgt Ion:130 Resp: 206

Ion Ratio Lower Upper

130 100

95 70.6 0.0 204.4

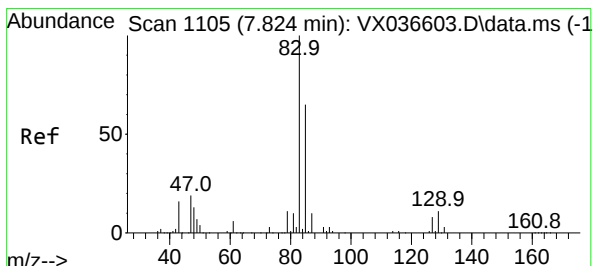
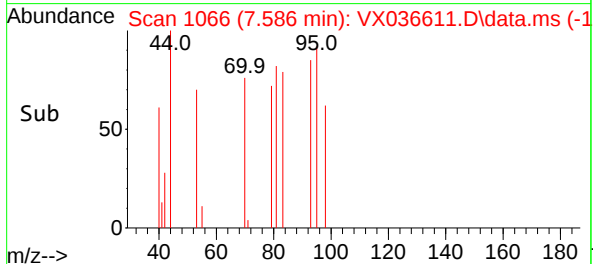
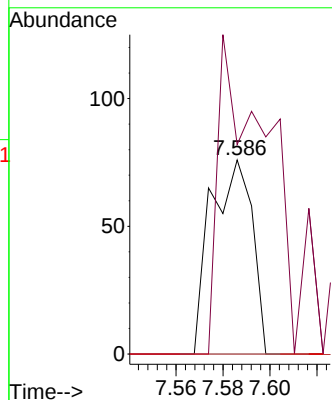
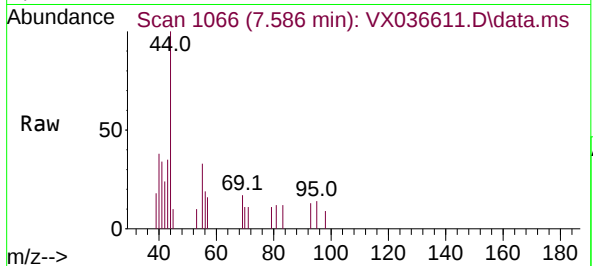




#46
Dibromomethane
Concen: 0.060 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

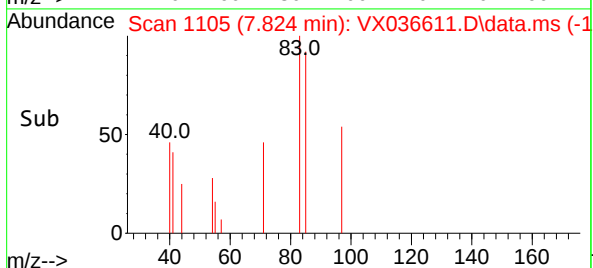
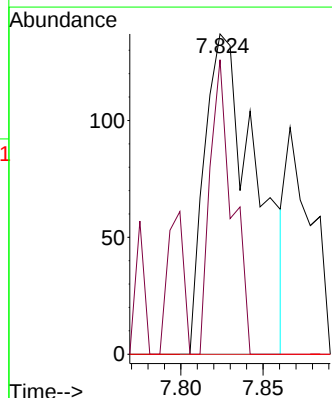
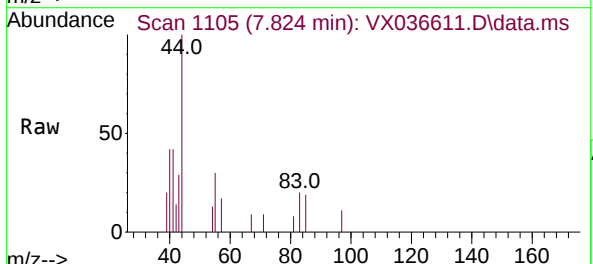
Instrument :
MSVOA_X
ClientSampleId :
BLK

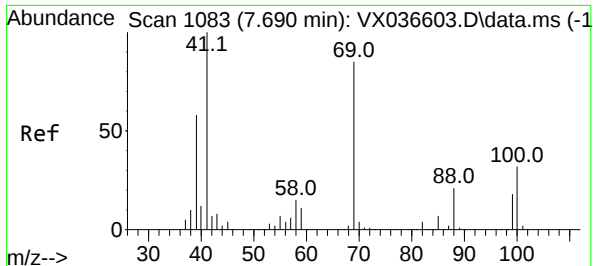
Tgt Ion: 93 Resp: 93
Ion Ratio Lower Upper
93 100
95 233.3 66.6 100.0#
174 0.0 69.4 104.0#



#47
Bromodichloromethane
Concen: 0.093 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 83 Resp: 297
Ion Ratio Lower Upper
83 100
85 92.0 49.8 74.6#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.056 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

BLK

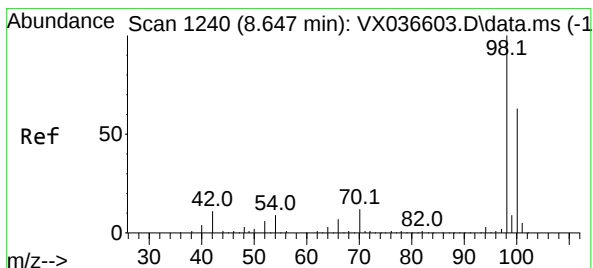
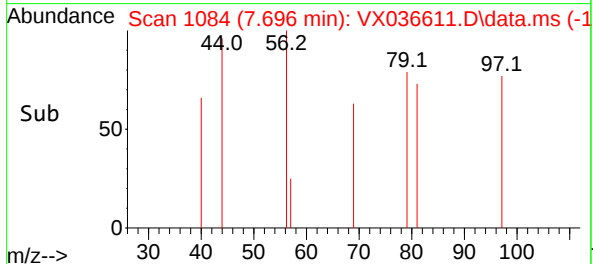
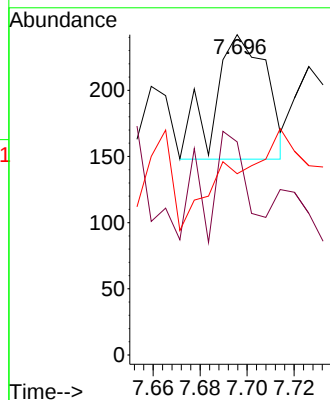
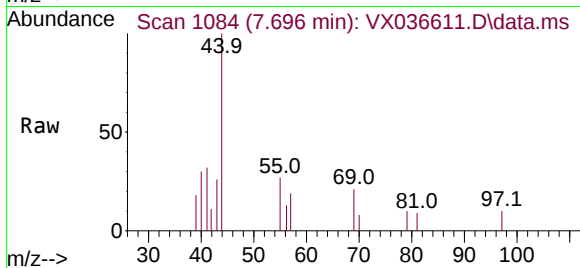
Tgt Ion: 41 Resp: 145

Ion Ratio Lower Upper

41 100

69 82.1 59.2 88.8

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 48.875 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036611.D

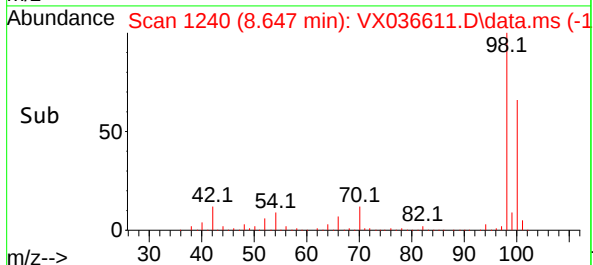
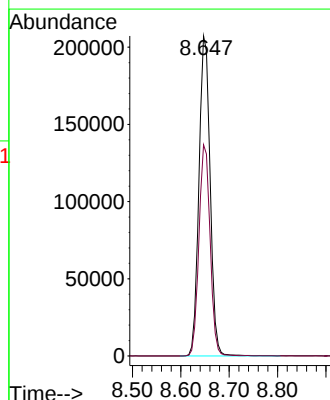
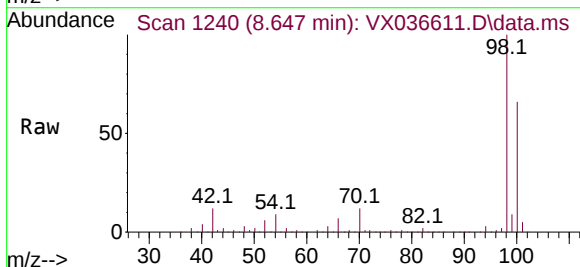
Acq: 21 Jul 2023 16:01

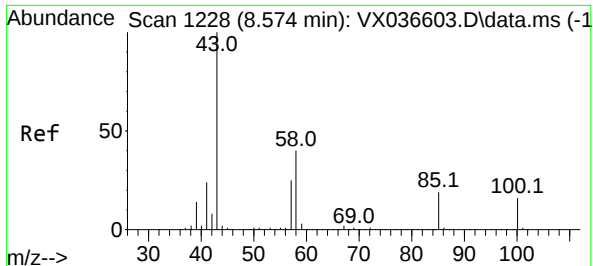
Tgt Ion: 98 Resp: 331872

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.136 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

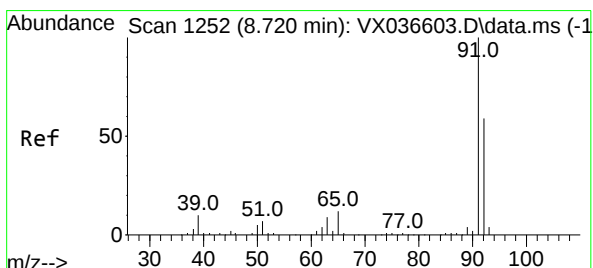
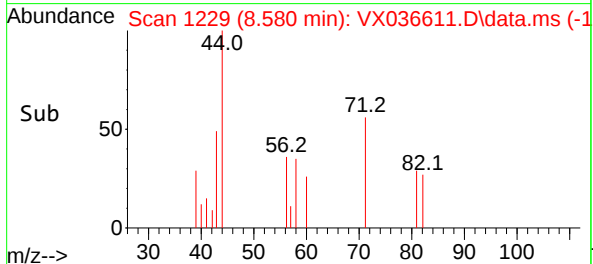
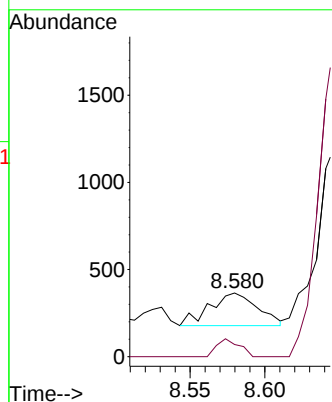
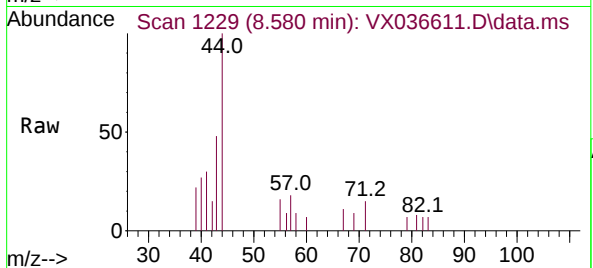
BLK

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

58 25.8 30.4 45.6#



#52

Toluene

Concen: 0.054 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036611.D

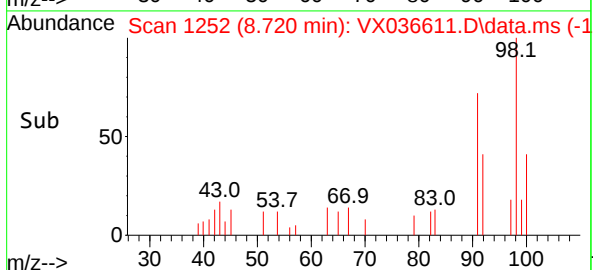
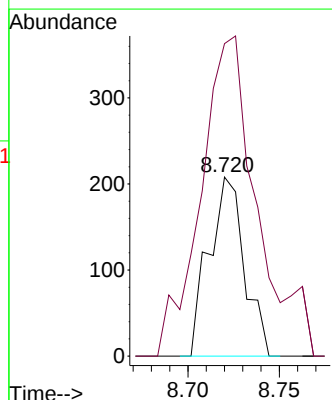
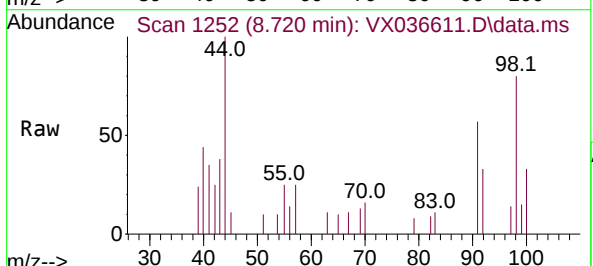
Acq: 21 Jul 2023 16:01

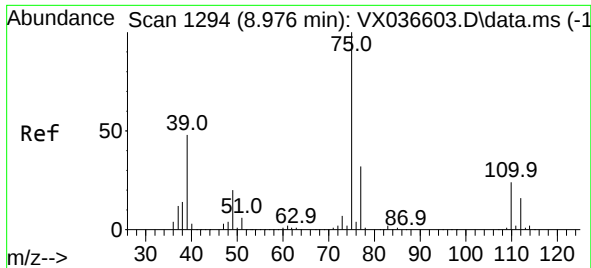
Tgt Ion: 92 Resp: 281

Ion Ratio Lower Upper

92 100

91 283.6 134.2 201.2#

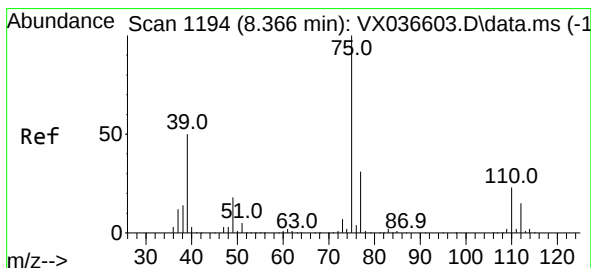
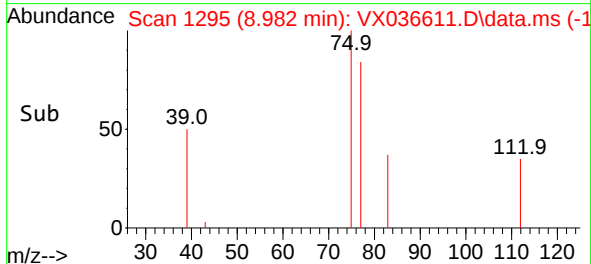
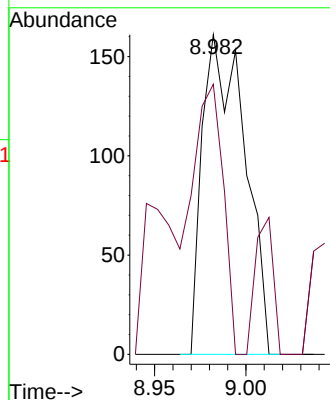
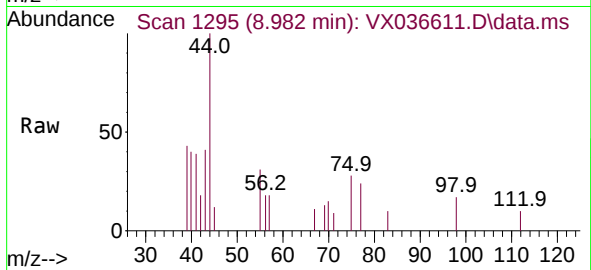




#53
t-1,3-Dichloropropene
Concen: 0.072 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

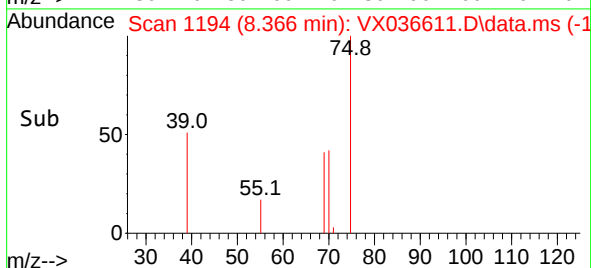
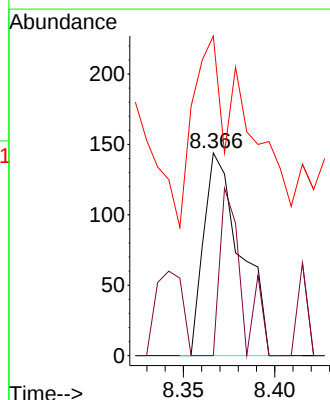
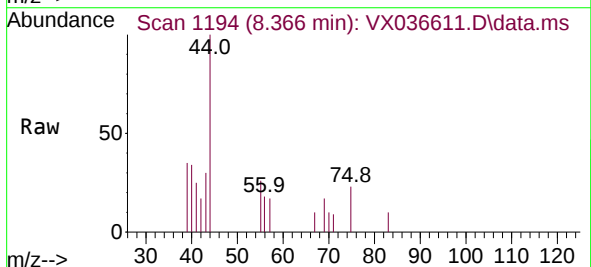
Instrument :
MSVOA_X
ClientSampleId :
BLK

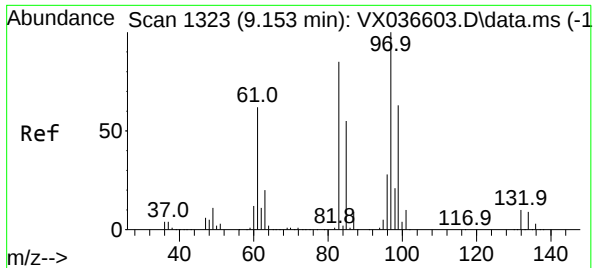
Tgt Ion: 75 Resp: 260
Ion Ratio Lower Upper
75 100
77 84.5 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 0.053 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 94.4 46.7 70.1#

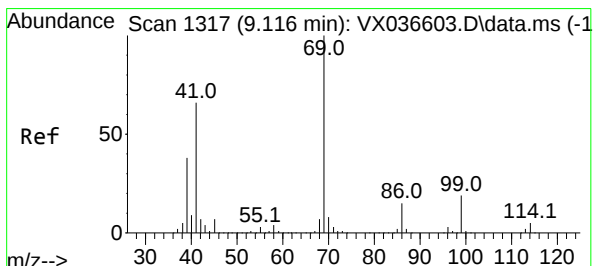
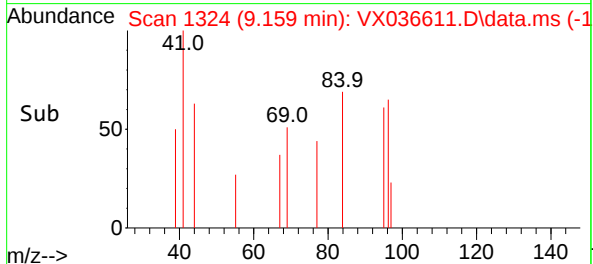
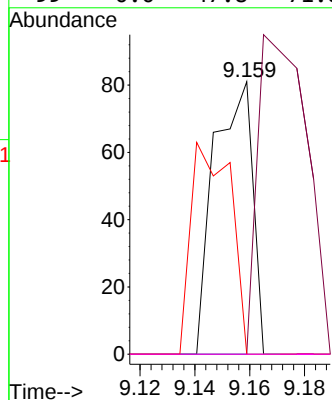
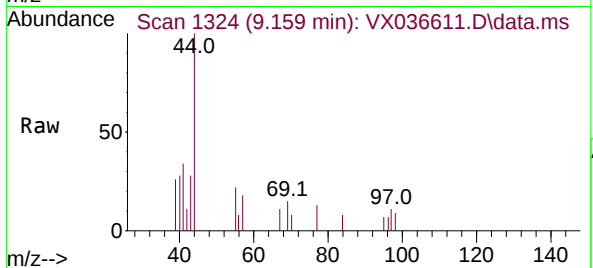




#55
1,1,2-Trichloroethane
Concen: 0.036 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

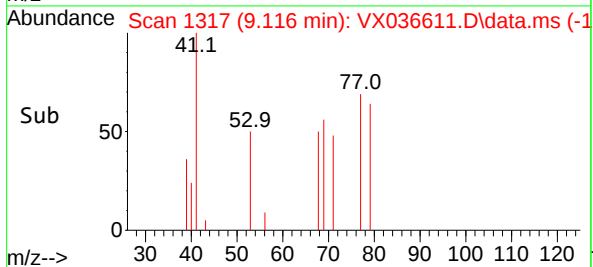
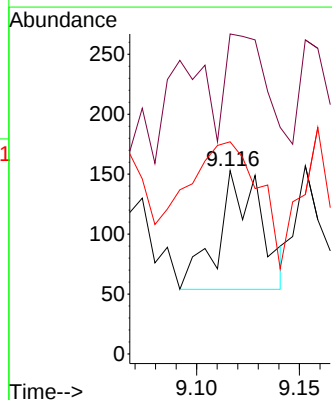
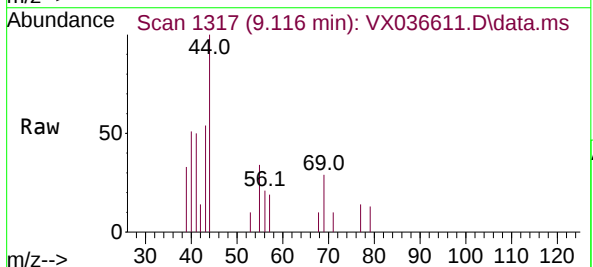
Instrument :
MSVOA_X
ClientSampleId :
BLK

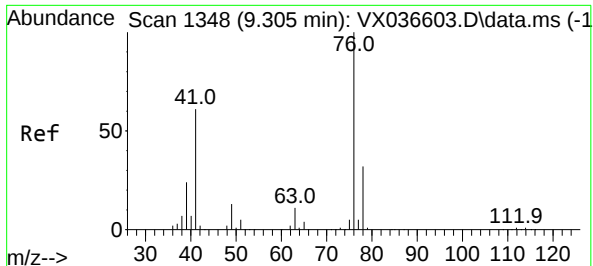
Tgt Ion:	97	Resp:	78
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.8	98.8#
85	0.0	41.6	62.4#
99	0.0	47.8	71.8#



#56
Ethyl methacrylate
Concen: 0.040 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:	69	Resp:	144
Ion	Ratio	Lower	Upper
69	100		
41	138.2	56.8	85.2#
39	169.4	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 0.009 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

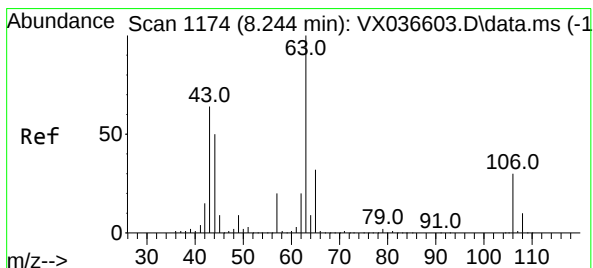
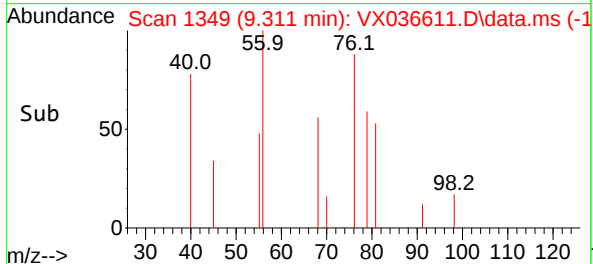
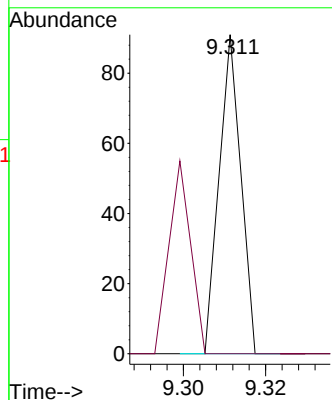
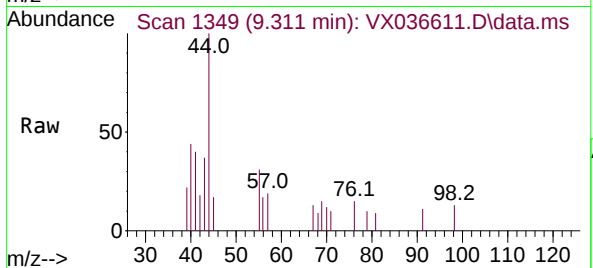
BLK

Tgt Ion: 76 Resp: 33

Ion Ratio Lower Upper

76 100

78 60.6 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.105 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036611.D

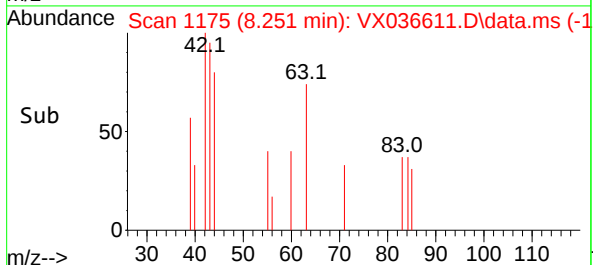
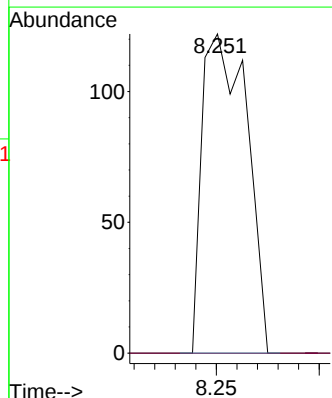
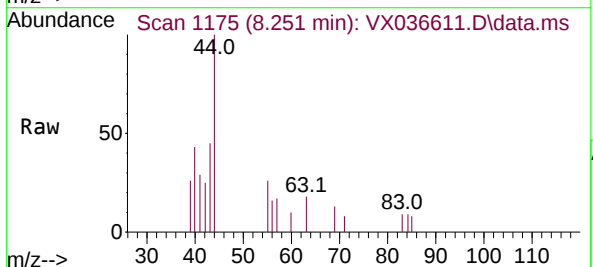
Acq: 21 Jul 2023 16:01

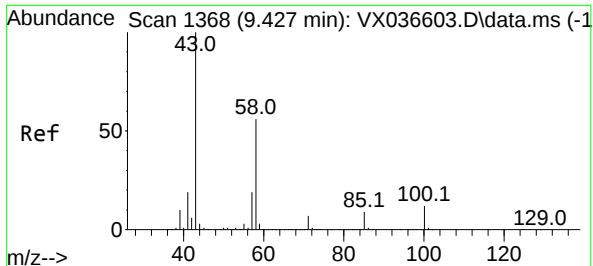
Tgt Ion: 63 Resp: 184

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#





#59

2-Hexanone

Concen: 0.154 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

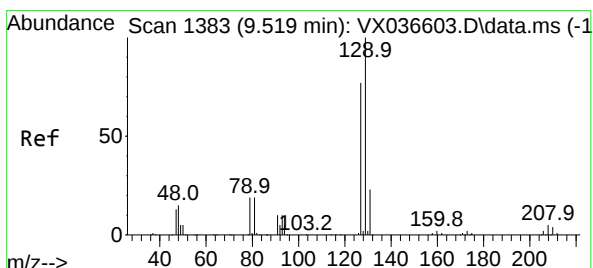
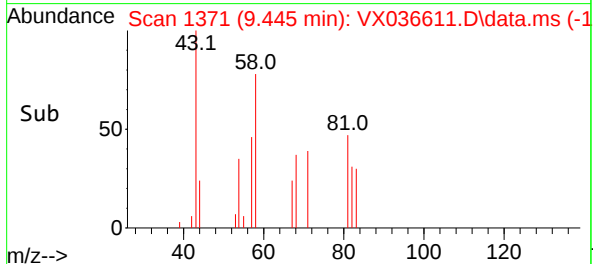
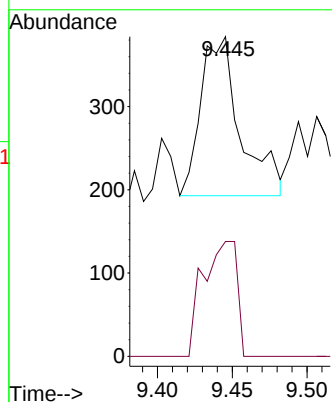
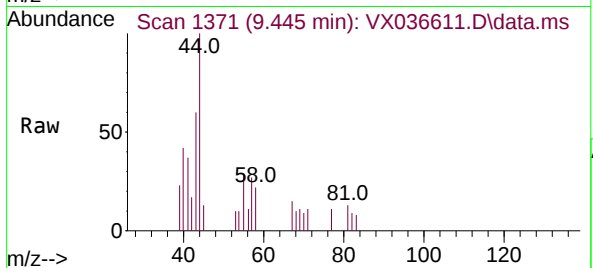
BLK

Tgt Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 61.6 26.2 78.5



#60

Dibromochloromethane

Concen: 0.055 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX036611.D

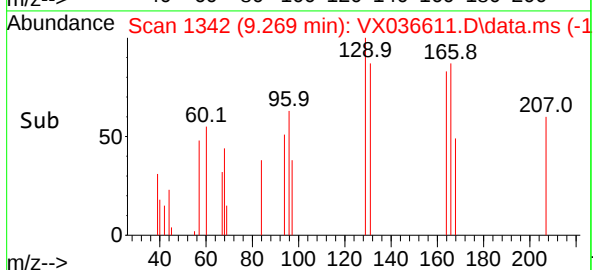
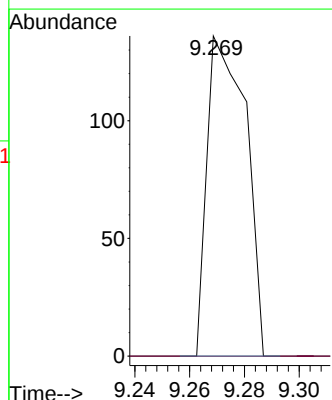
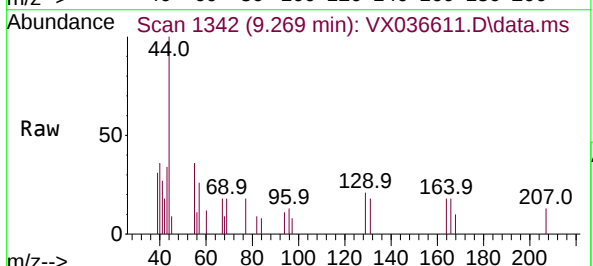
Acq: 21 Jul 2023 16:01

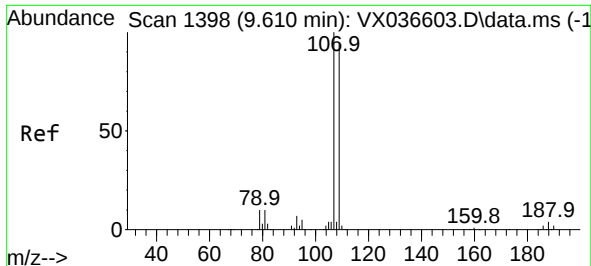
Tgt Ion: 129 Resp: 133

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#





#61

1,2-Dibromoethane

Concen: 0.041 ug/l

RT: 9.622 min Scan# 1400

Delta R.T. 0.012 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

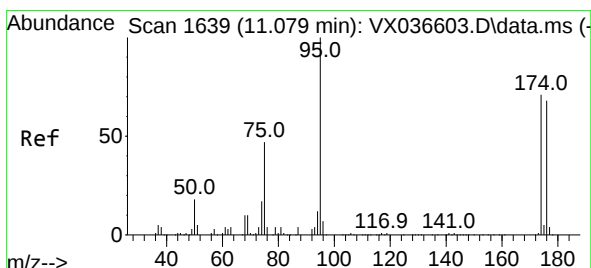
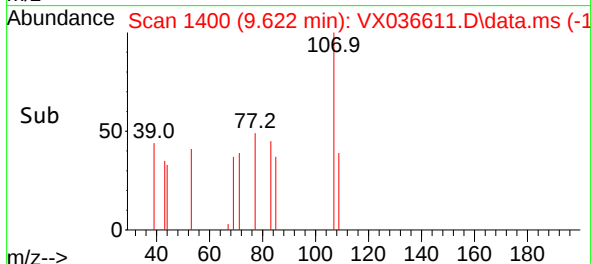
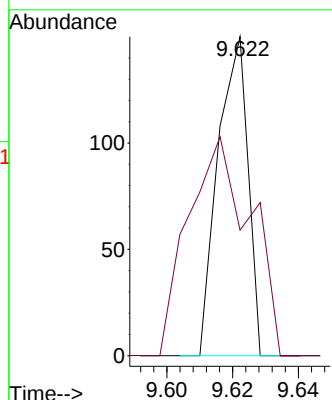
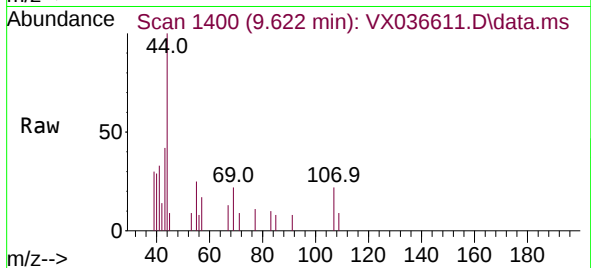
BLK

Tgt Ion:107 Resp: 94

Ion Ratio Lower Upper

107 100

109 143.6 75.2 112.8#



#62

4-Bromofluorobenzene

Concen: 46.004 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

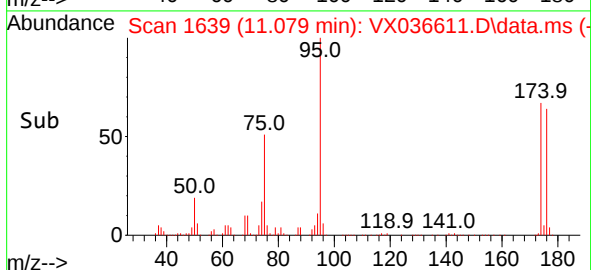
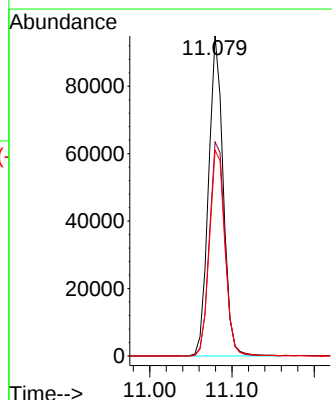
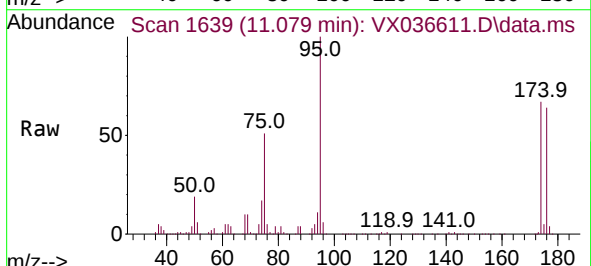
Tgt Ion: 95 Resp: 117854

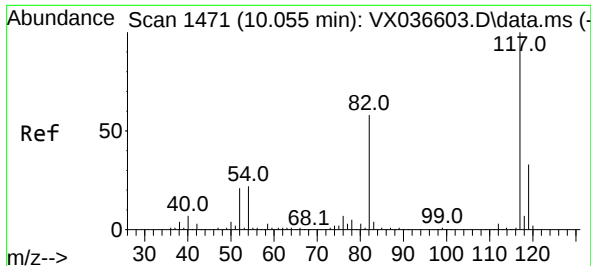
Ion Ratio Lower Upper

95 100

174 70.9 0.0 135.6

176 68.0 0.0 131.0

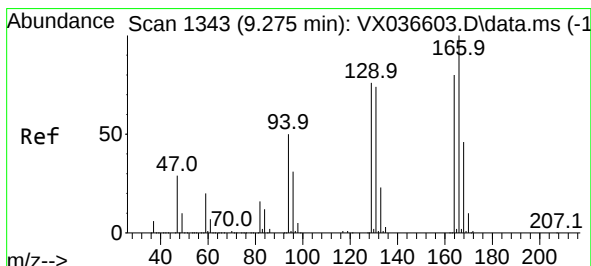
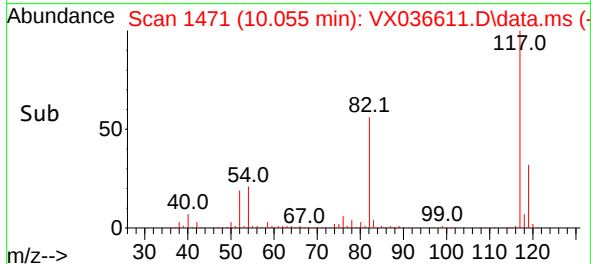
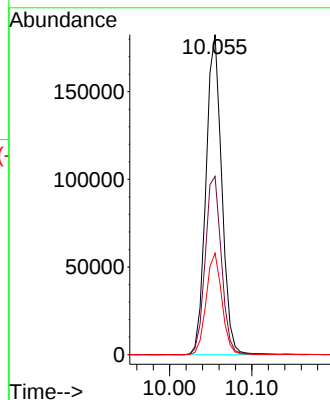
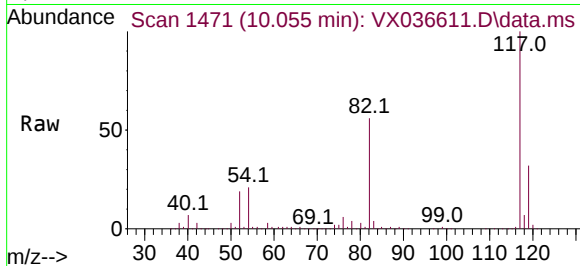




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

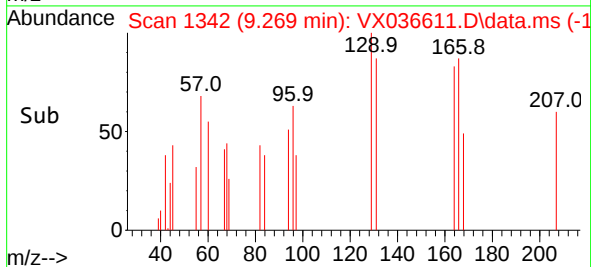
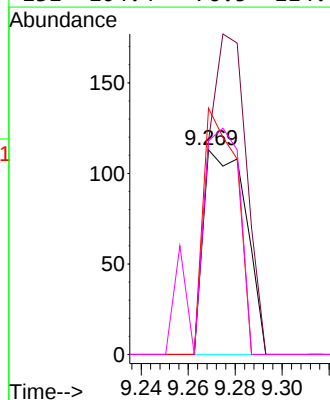
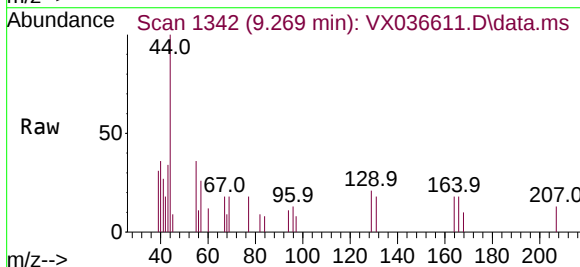
Instrument :
MSVOA_X
ClientSampleId :
BLK

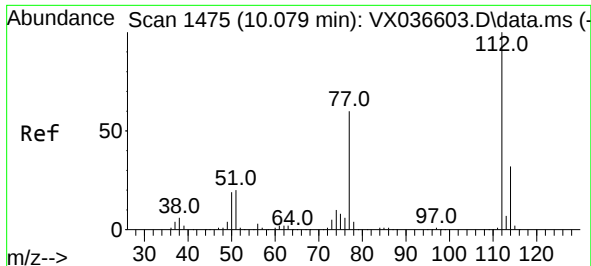
Tgt Ion:117 Resp: 243357
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.077 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:164 Resp: 140
Ion Ratio Lower Upper
164 100
166 104.4 102.7 154.1
129 120.4 80.4 120.6
131 104.4 76.5 114.7

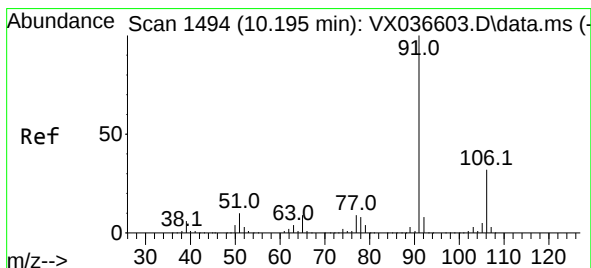
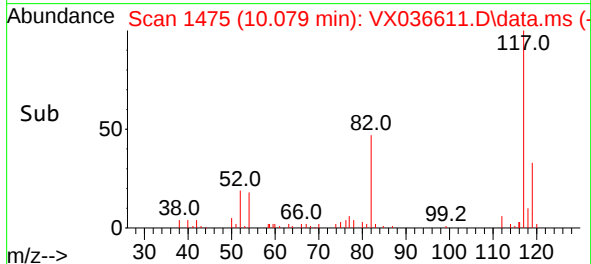
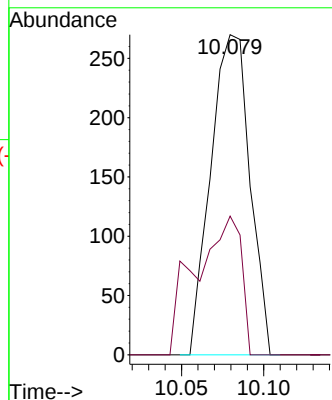
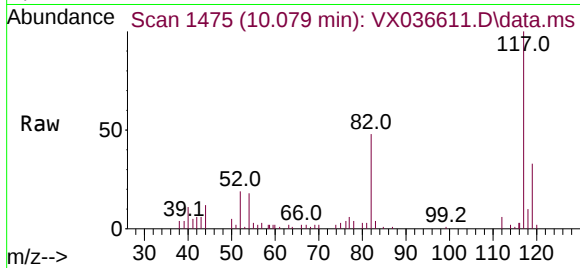




#65
Chlorobenzene
Concen: 0.083 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

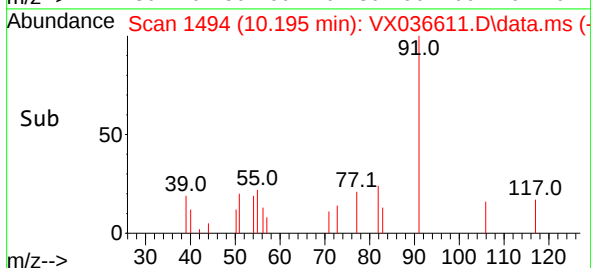
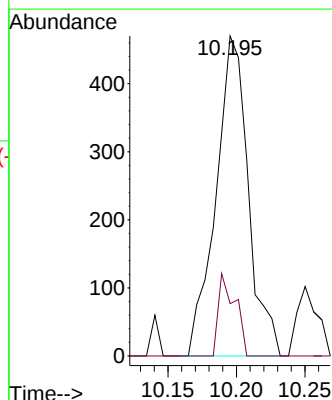
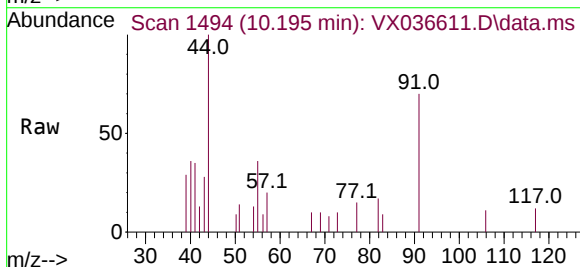
Instrument :
MSVOA_X
ClientSampleId :
BLK

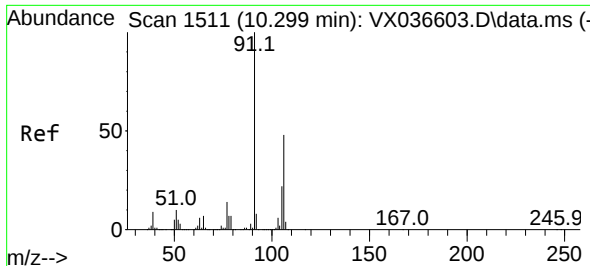
Tgt Ion:112 Resp: 447
Ion Ratio Lower Upper
112 100
114 43.3 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.079 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 91 Resp: 775
Ion Ratio Lower Upper
91 100
106 16.4 24.9 37.3#

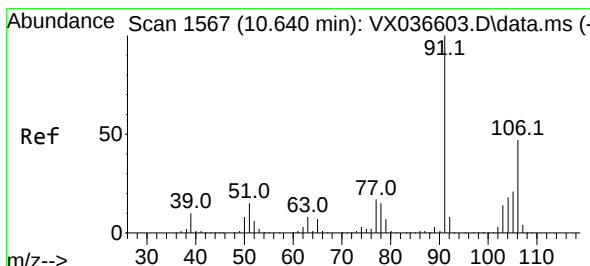
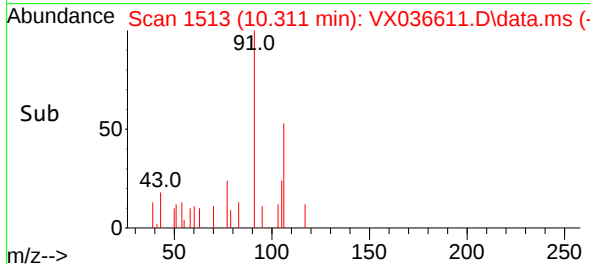
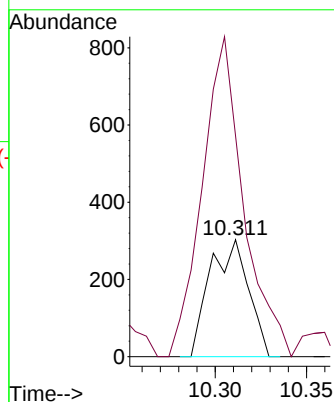
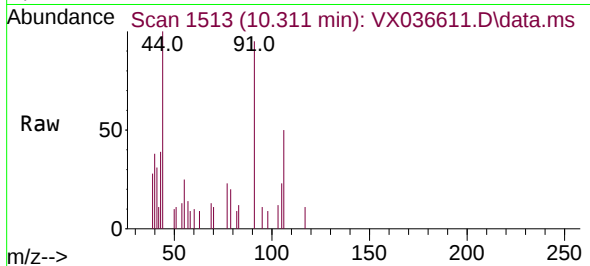




#68
m/p-Xylenes
Concen: 0.122 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

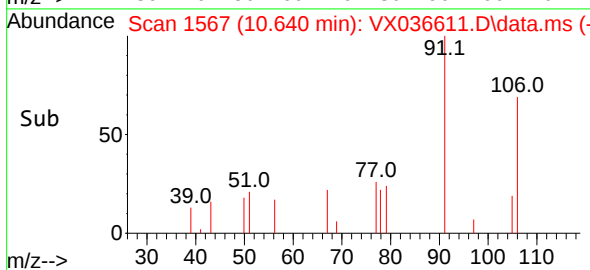
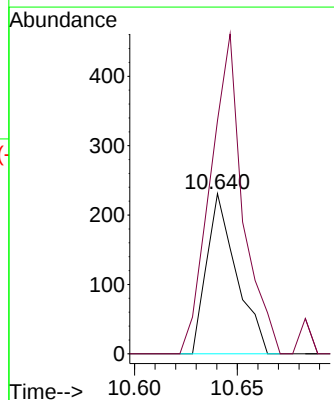
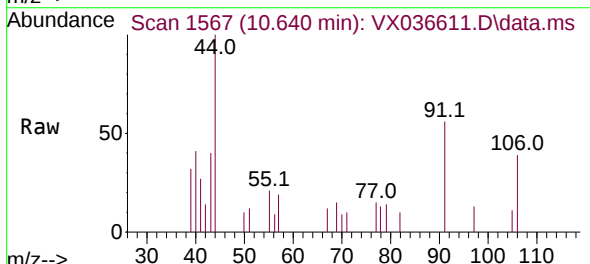
Instrument :
MSVOA_X
ClientSampleId :
BLK

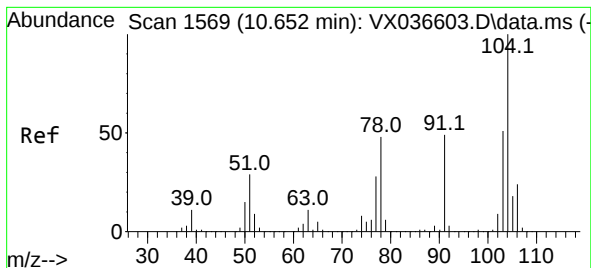
Tgt Ion:106 Resp: 445
Ion Ratio Lower Upper
106 100
91 293.0 165.5 248.3#



#69
o-Xylene
Concen: 0.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:106 Resp: 233
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.8





#70

Styrene

Concen: 0.083 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

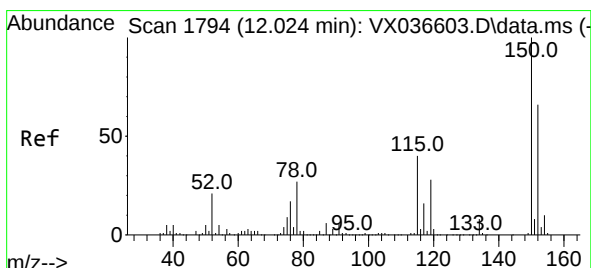
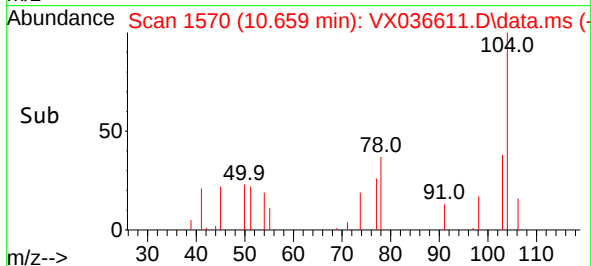
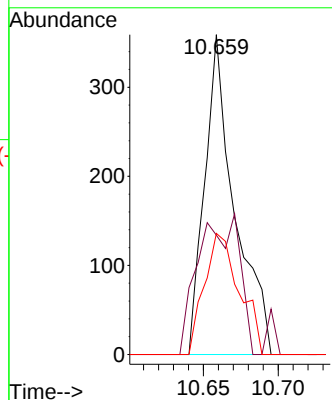
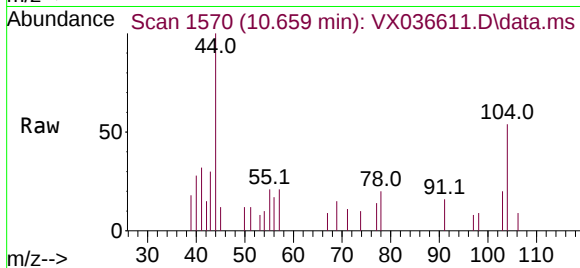
Instrument :

MSVOA_X

ClientSampleId :

BLK

Tgt Ion:104	Resp:	498
Ion Ratio	Lower	Upper
104	100	
78	59.8	43.6 65.4
103	44.6	43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

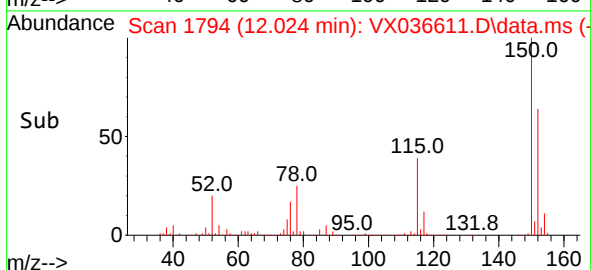
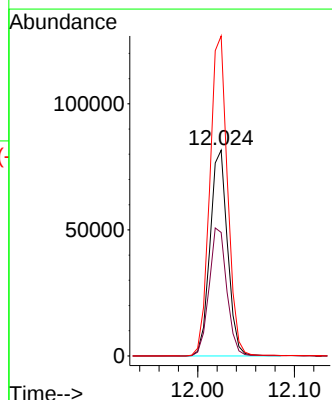
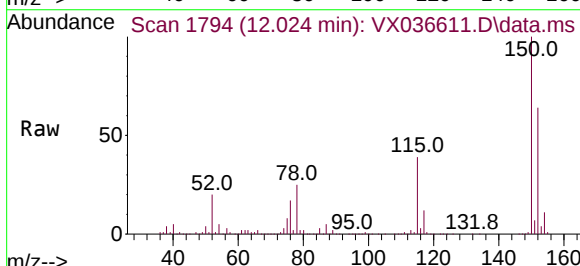
RT: 12.024 min Scan# 1794

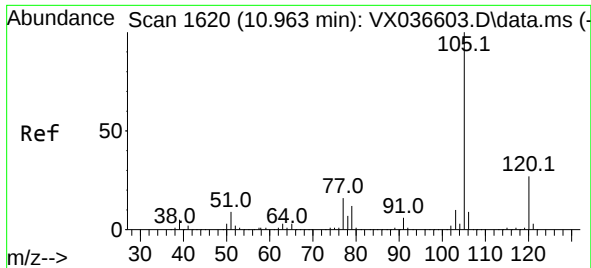
Delta R.T. 0.000 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Tgt Ion:152	Resp:	102968
Ion Ratio	Lower	Upper
152	100	
115	62.9	43.3 129.9
150	157.3	0.0 345.0

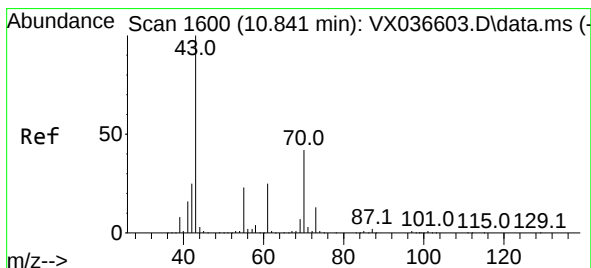
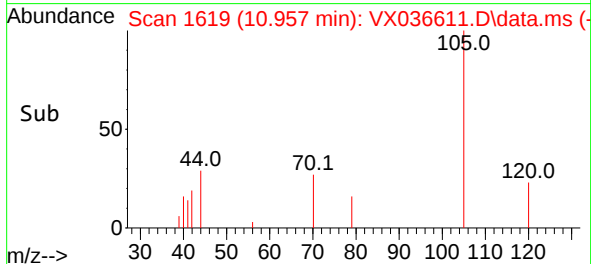
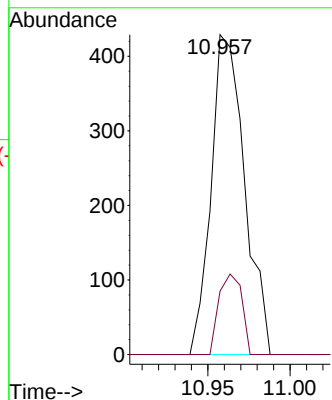
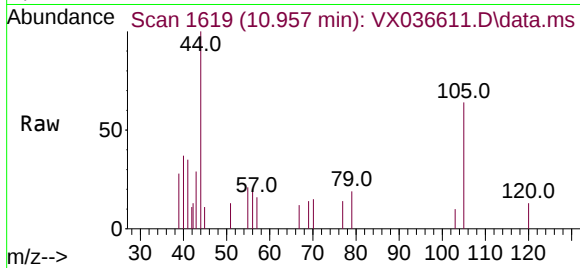




#73
Isopropylbenzene
Concen: 0.071 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

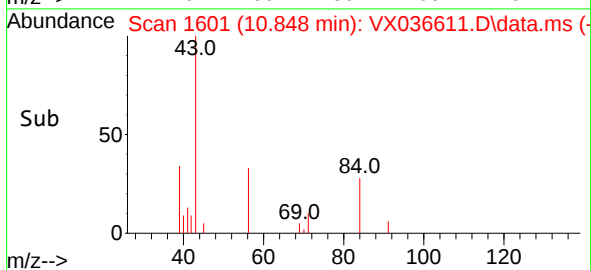
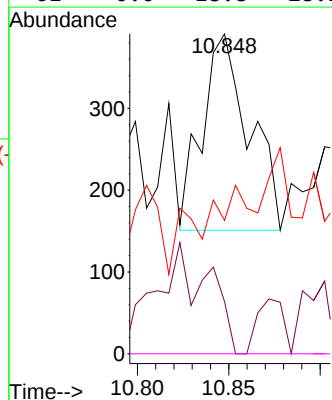
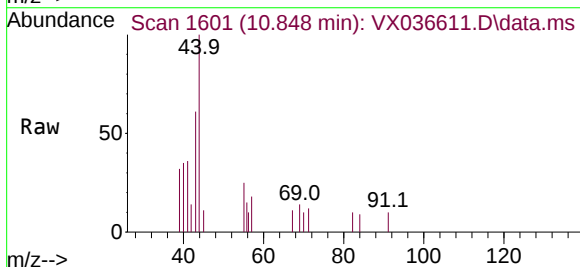
Instrument :
MSVOA_X
ClientSampleId :
BLK

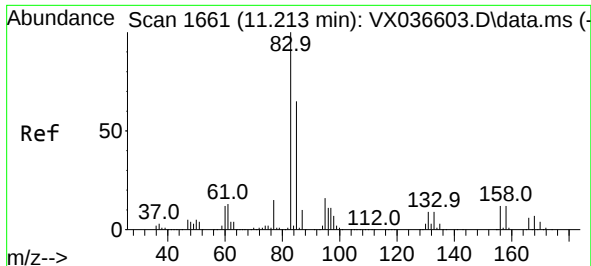
Tgt Ion:105 Resp: 608
Ion Ratio Lower Upper
105 100
120 17.3 12.9 38.6



#74
N-ethyl acetate
Concen: 0.109 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 17.6 19.3 28.9#
61 0.0 18.8 28.2#

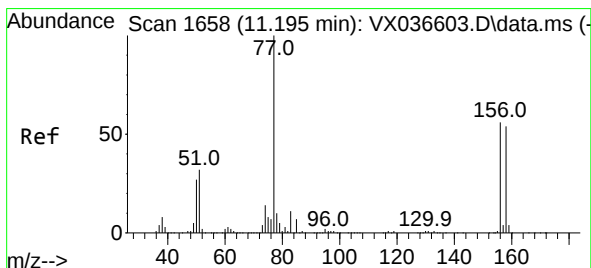
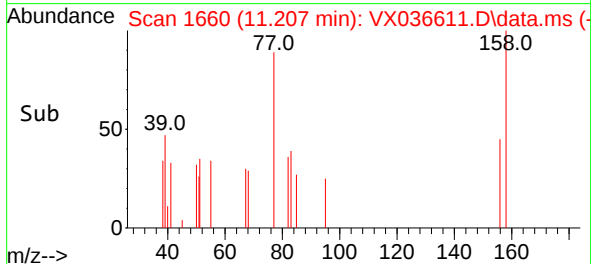
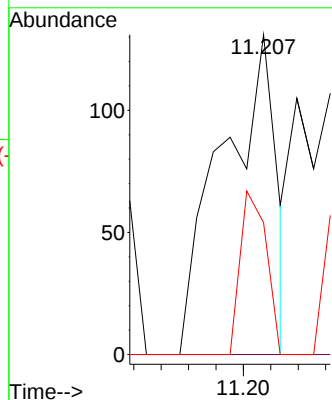
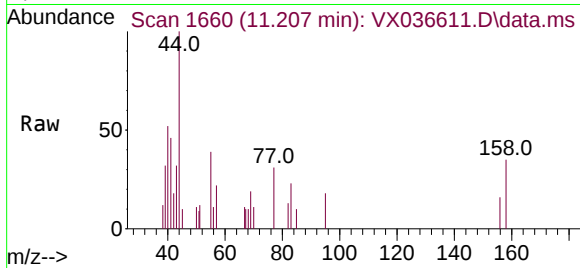




#75
1,1,2,2-Tetrachloroethane
Concen: 0.063 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

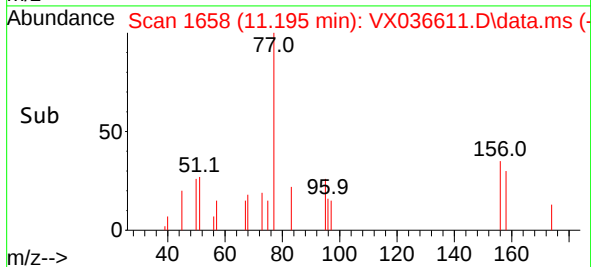
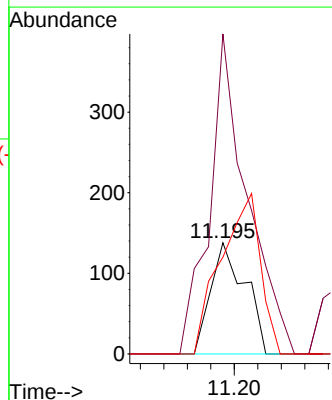
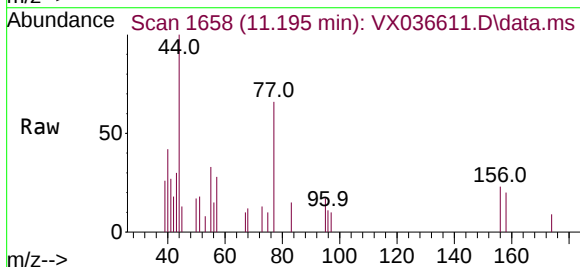
Instrument :
MSVOA_X
ClientSampleId :
BLK

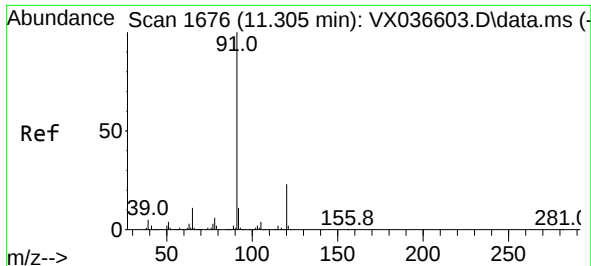
Tgt Ion: 83 Resp: 181
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 24.3 32.0 96.2#



#77
Bromobenzene
Concen: 0.072 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 156 Resp: 140
Ion Ratio Lower Upper
156 100
77 316.4 88.4 265.3#
158 166.4 48.0 144.0#

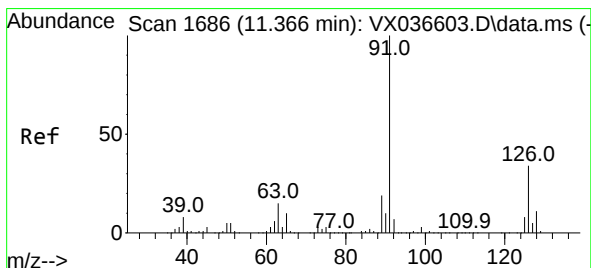
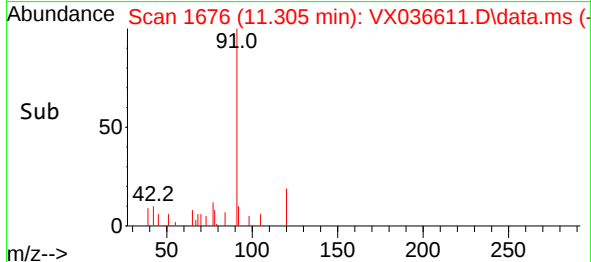
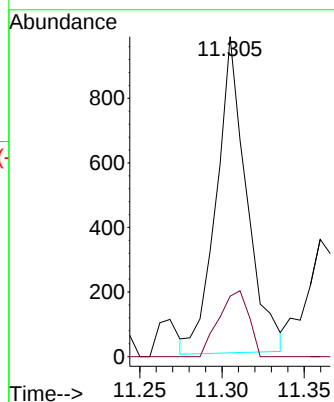
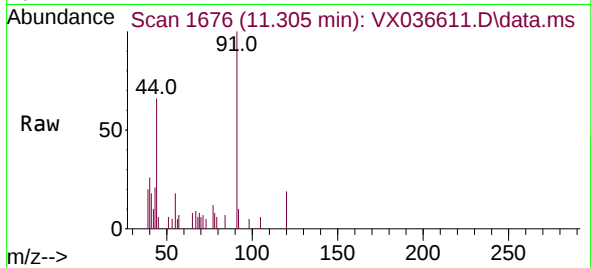




#78
n-propylbenzene
Concen: 0.127 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

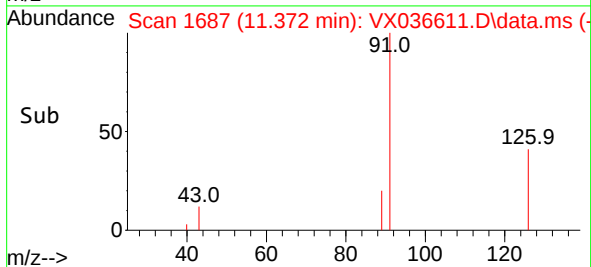
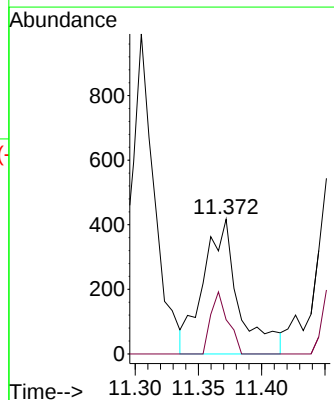
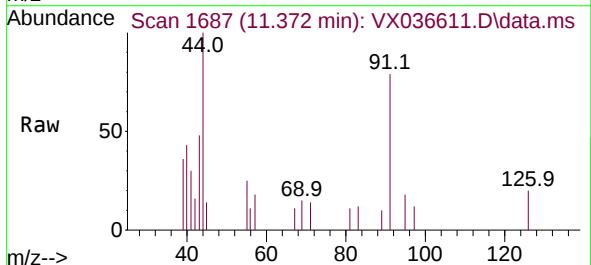
Instrument :
MSVOA_X
ClientSampleId :
BLK

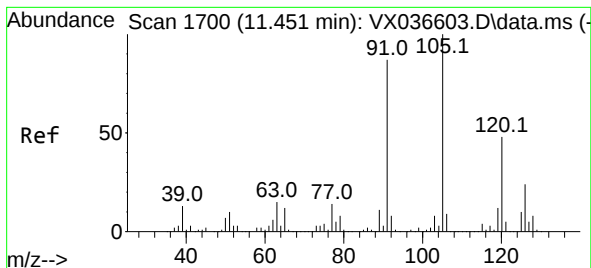
Tgt Ion: 91 Resp: 1254
Ion Ratio Lower Upper
91 100
120 20.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.135 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion: 91 Resp: 808
Ion Ratio Lower Upper
91 100
126 22.4 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.082 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

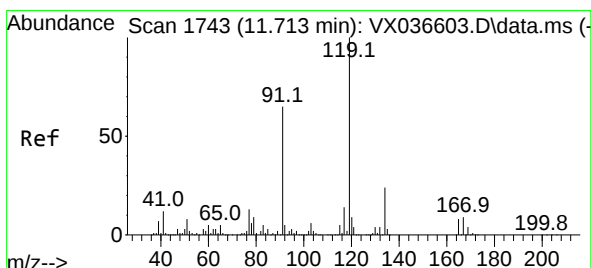
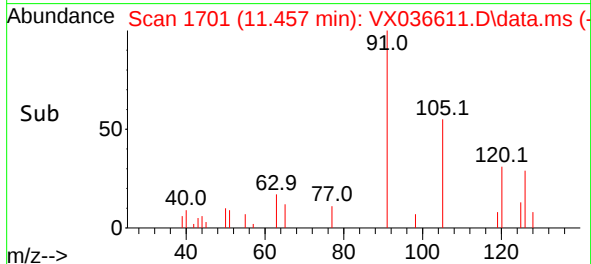
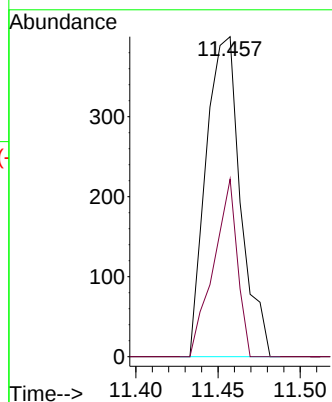
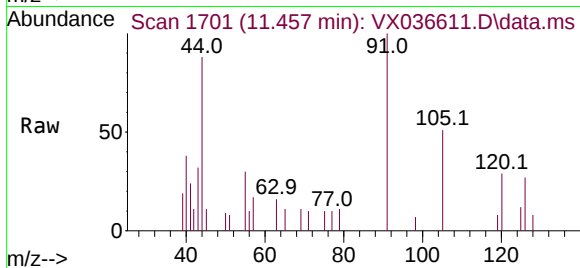
BLK

Tgt Ion:105 Resp: 583

Ion Ratio Lower Upper

105 100

120 38.3 24.1 72.3



#83

tert-Butylbenzene

Concen: 0.080 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036611.D

Acq: 21 Jul 2023 16:01

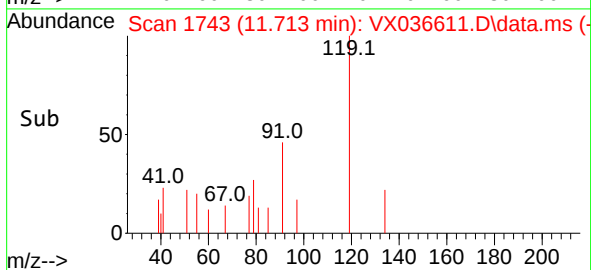
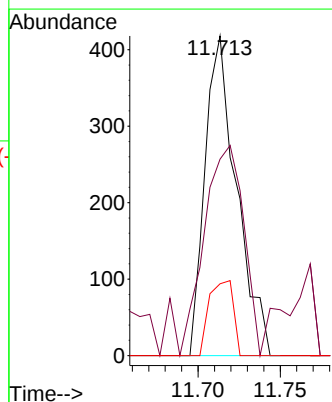
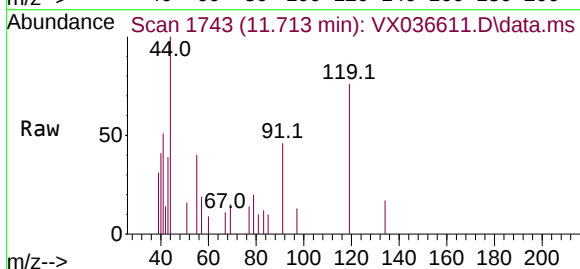
Tgt Ion:119 Resp: 558

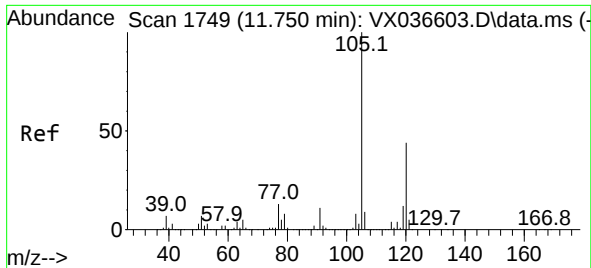
Ion Ratio Lower Upper

119 100

91 86.7 31.2 93.6

134 17.9 11.7 35.0

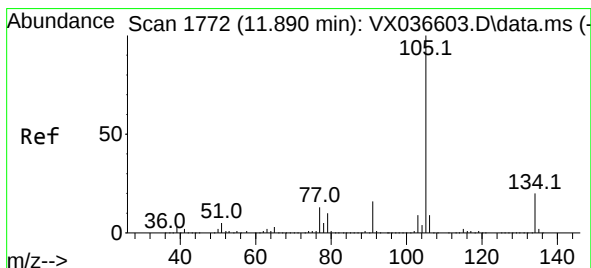
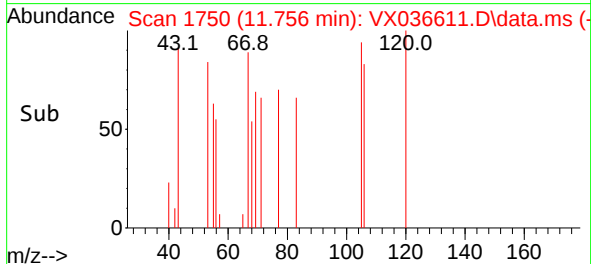
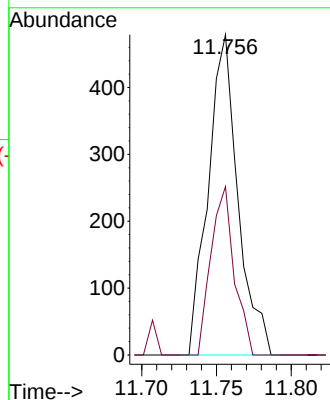
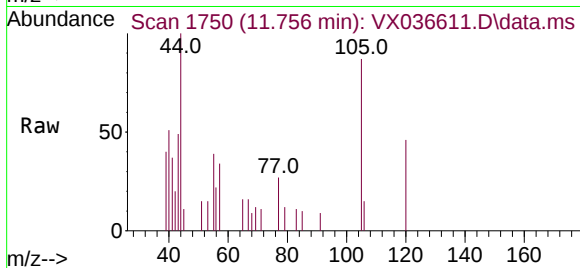




#84
1,2,4-Trimethylbenzene
Concen: 0.093 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

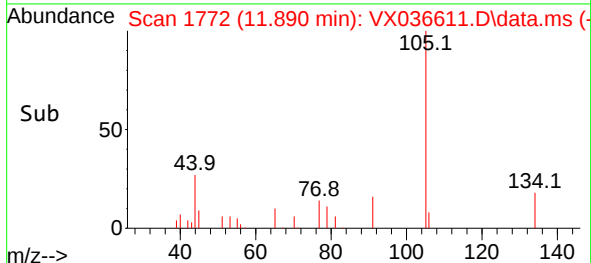
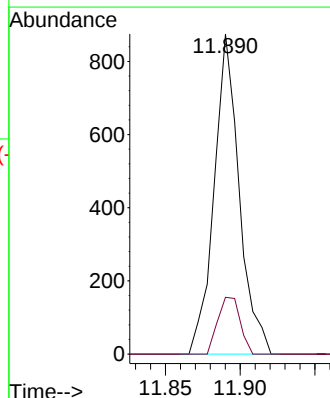
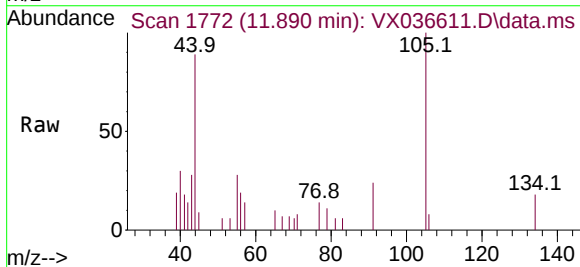
Instrument :
MSVOA_X
ClientSampleId :
BLK

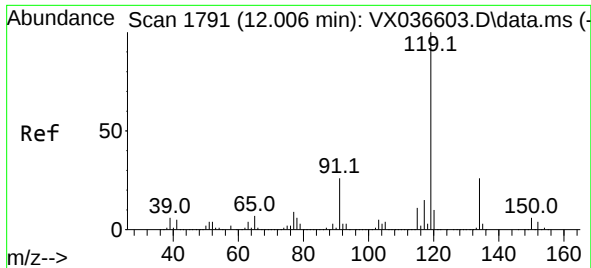
Tgt Ion:105 Resp: 662
Ion Ratio Lower Upper
105 100
120 41.1 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.117 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:105 Resp: 1021
Ion Ratio Lower Upper
105 100
134 15.8 9.8 29.4

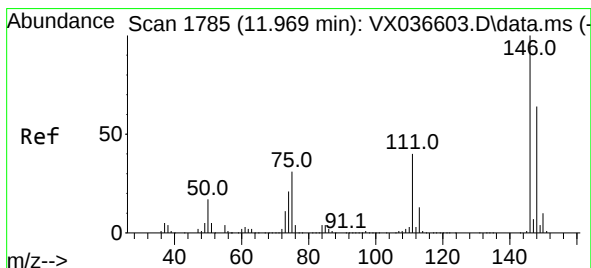
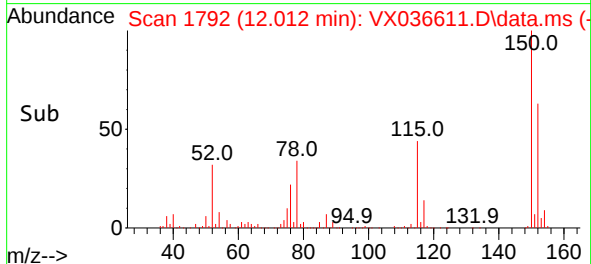
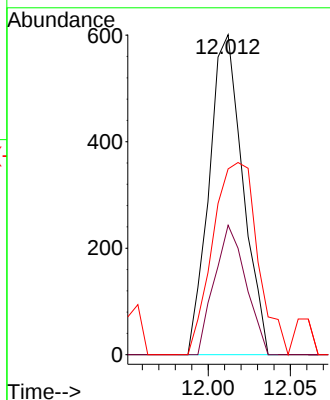
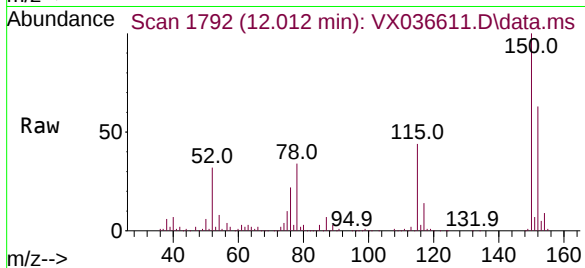




#86
p-Isopropyltoluene
Concen: 0.119 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

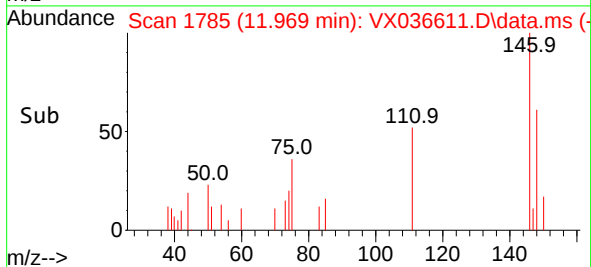
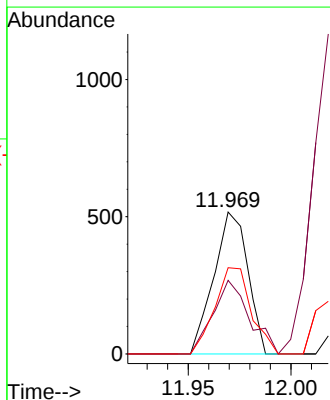
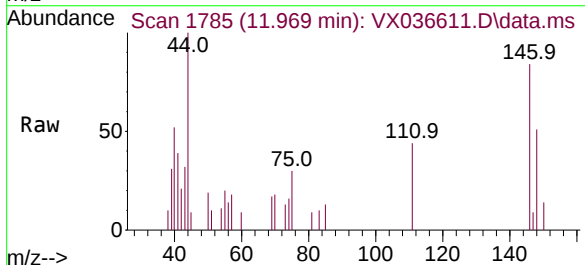
Instrument :
MSVOA_X
ClientSampleId :
BLK

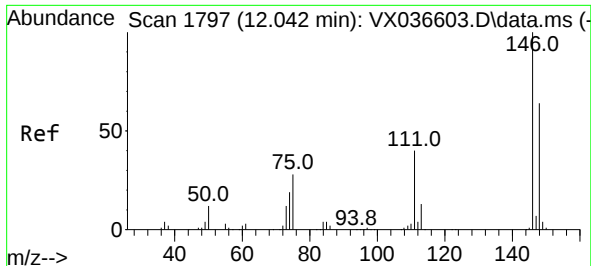
Tgt Ion:119 Resp: 855
Ion Ratio Lower Upper
119 100
134 37.8 12.8 38.3
91 80.2 13.1 39.3#



#87
1,3-Dichlorobenzene
Concen: 0.165 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:146 Resp: 594
Ion Ratio Lower Upper
146 100
111 55.6 22.1 66.1
148 65.3 31.8 95.3

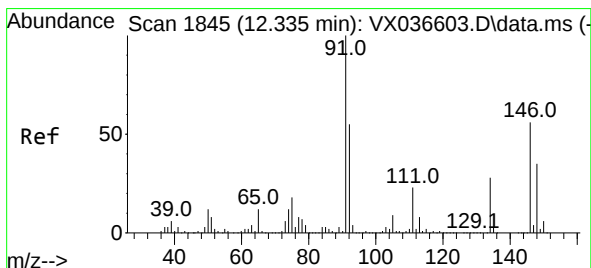
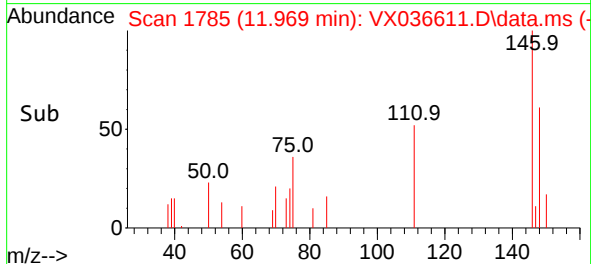
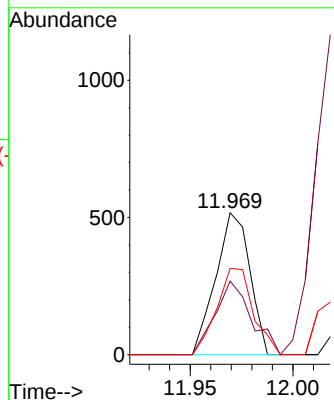
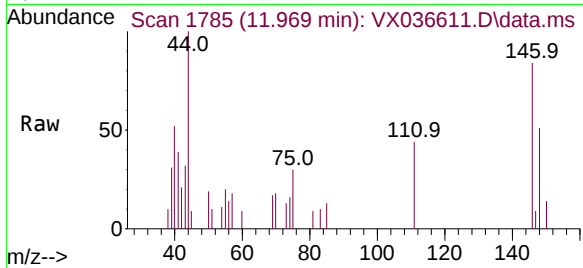




#88
1,4-Dichlorobenzene
Concen: 0.167 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
BLK

Tgt Ion:146 Resp: 594
Ion Ratio Lower Upper
146 100
111 55.6 21.3 63.7
148 65.3 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 0.144 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX036611.D
Acq: 21 Jul 2023 16:01

Tgt Ion:146 Resp: 501
Ion Ratio Lower Upper
146 100
111 55.9 22.4 67.0
148 54.3 31.6 95.0

