

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036289.D
 Acq On : 23 Jun 2023 12:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 23 13:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:55:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	200834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144931	50.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.680%	
35) Dibromofluoromethane	5.385	113	112531	49.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.120%	
50) Toluene-d8	8.646	98	434922	51.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	11.079	95	155770	52.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	417	0.225	ug/l	71
4) Vinyl Chloride	1.373	62	727	0.208	ug/l #	80
5) Bromomethane	1.623	94	891	0.338	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	2.330	101	597	0.261	ug/l	93
10) Methyl Iodide	2.465	142	1061	0.381	ug/l #	98
12) 1,1-Dichloroethene	2.318	96	596	0.266	ug/l #	79
13) Acrolein	2.239	56	889	1.235	ug/l	99
14) Allyl chloride	2.666	41	813	0.224	ug/l #	80
15) Acrylonitrile	3.068	53	1595	1.200	ug/l #	84
16) Acetone	2.391	43	1403	1.178	ug/l #	68
17) Carbon Disulfide	2.513	76	7624	1.457	ug/l #	93
20) Methylene Chloride	2.788	84	1303	0.502	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	1188	0.508	ug/l	97
23) Vinyl Acetate	3.739	43	1997	0.378	ug/l #	73
25) 2-Butanone	4.604	43	1104	0.627	ug/l #	51
27) cis-1,2-Dichloroethene	4.501	96	621	0.231	ug/l	83
29) Tetrahydrofuran	5.056	42	527	0.466	ug/l #	34
36) 1,1-Dichloropropene	5.696	75	1310	0.403	ug/l	89
38) Carbon Tetrachloride	5.543	117	20899	6.819	ug/l #	15
39) Methylcyclohexane	7.384	83	1045	0.265	ug/l #	83
42) 1,2-Dichloroethane	6.104	62	753	0.211	ug/l #	77
44) Trichloroethene	7.135	130	1002	0.395	ug/l	74
46) Dibromomethane	7.592	93	471	0.266	ug/l	87
49) 1,4-Dioxane	7.714	88	61	Below Cal	#	12
51) 4-Methyl-2-Pentanone	8.573	43	1064	0.302	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	649	3.305	ug/l #	74
54) cis-1,3-Dichloropropene	8.372	75	522	2.091	ug/l #	77
58) 2-Chloroethyl Vinyl ether	8.244	63	926	0.449	ug/l	92
59) 2-Hexanone	9.439	43	1170	0.453	ug/l	96
64) Tetrachloroethene	9.274	164	913	0.413	ug/l #	83
65) Chlorobenzene	10.085	112	1585	0.241	ug/l	91
68) m/p-Xylenes	10.305	106	2171	0.481	ug/l	95
70) Styrene	10.658	104	1607	0.225	ug/l #	86
73) Isopropylbenzene	10.963	105	2342	0.205	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	81041	24.855	ug/l #	39
77) Bromobenzene	11.201	156	661	0.237	ug/l	95

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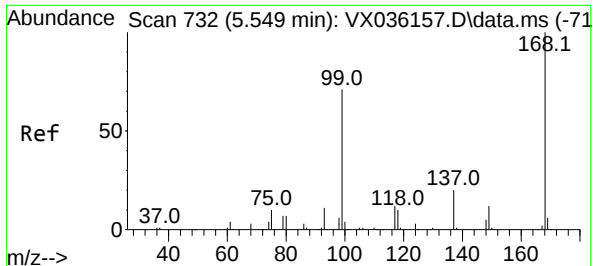
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 23 13:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:55:04 2023
 Response via : Initial Calibration

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

78) n-propylbenzene	11.304	91	3980	0.300	ug/l	97
79) 2-Chlorotoluene	11.365	91	2085	0.263	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2117	0.221	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	81041	70.359	ug/l #	5
82) 4-Chlorotoluene	11.457	91	3040	0.332	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2686	0.283	ug/l	94
85) sec-Butylbenzene	11.890	105	3577	0.309	ug/l	96
86) p-Isopropyltoluene	12.012	119	3275	0.338	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	2542	0.501	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	2542	0.489	ug/l	95
89) n-Butylbenzene	12.335	91	5180	0.599	ug/l	91
90) Hexachloroethane	12.542	117	81	2.741	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	1638	0.327	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	3158	1.028	ug/l	98
94) Hexachlorobutadiene	13.725	225	3091	2.501	ug/l	98
95) Naphthalene	13.774	128	11827	1.160	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3274	1.107	ug/l	91

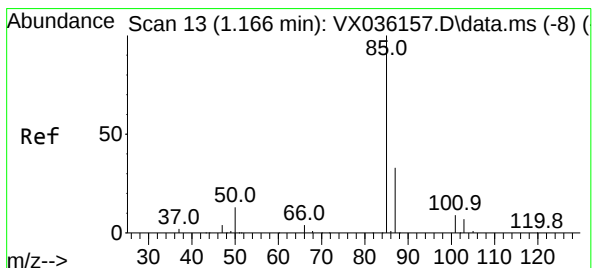
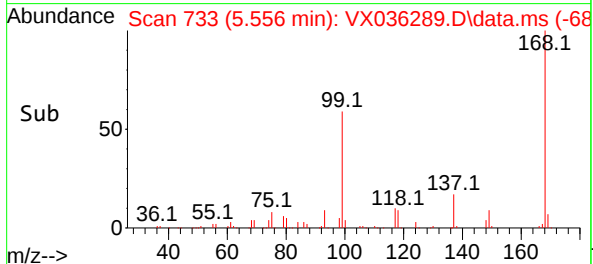
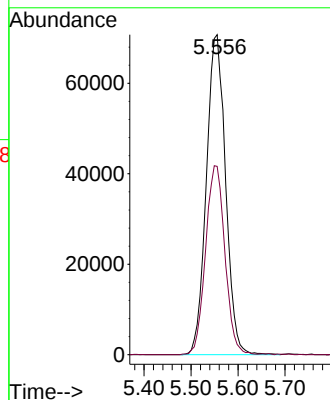
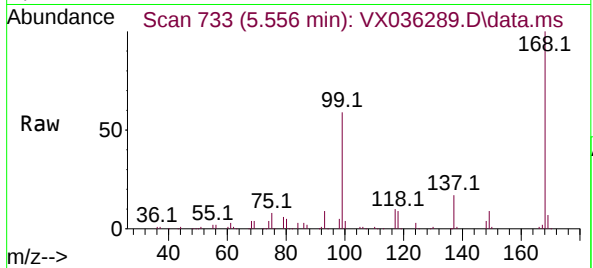
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036289.D
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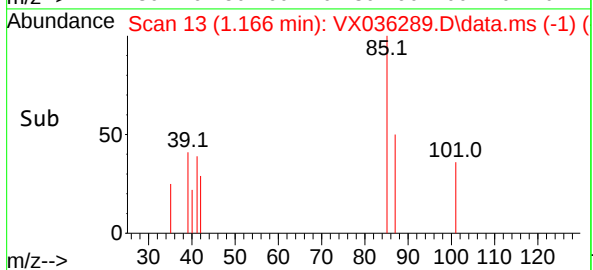
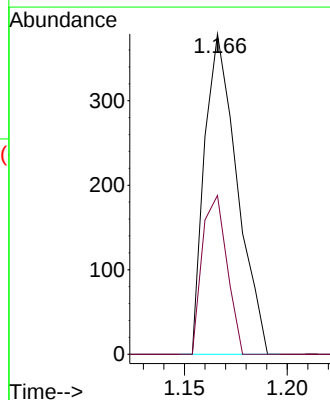
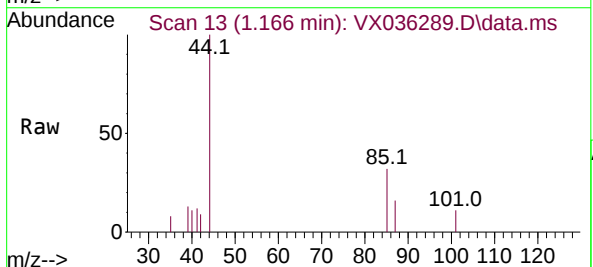
Instrument :
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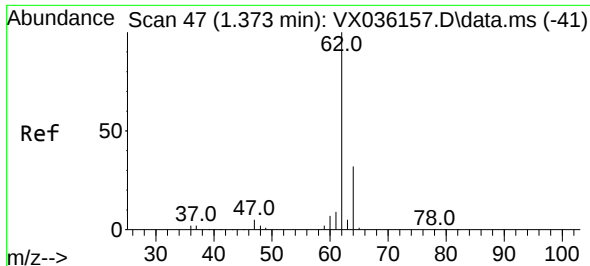
Tgt Ion:168 Resp: 200834
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.225 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion: 85 Resp: 417
Ion Ratio Lower Upper
85 100
87 49.6 16.7 50.1

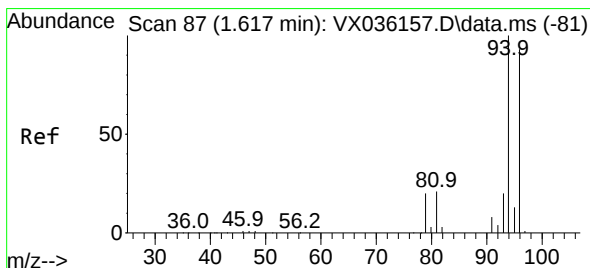
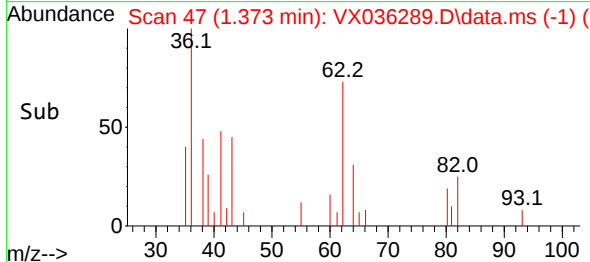
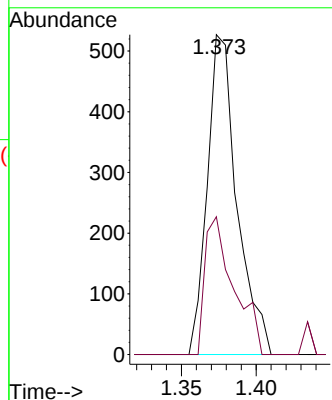
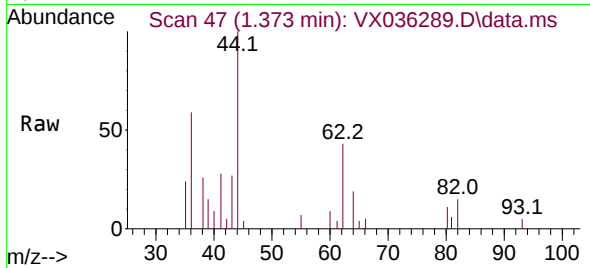




#4
 Vinyl Chloride
 Concen: 0.208 ug/l
 RT: 1.373 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

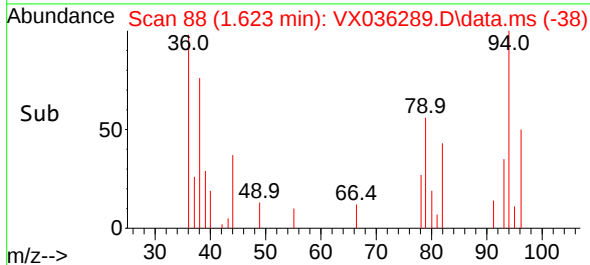
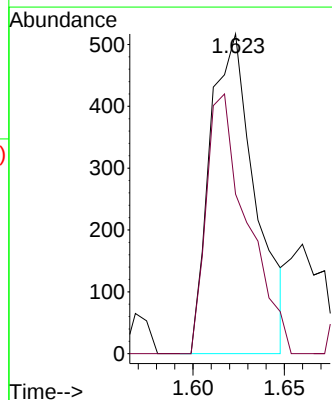
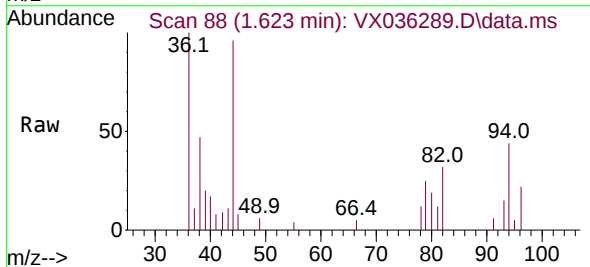
Instrument :
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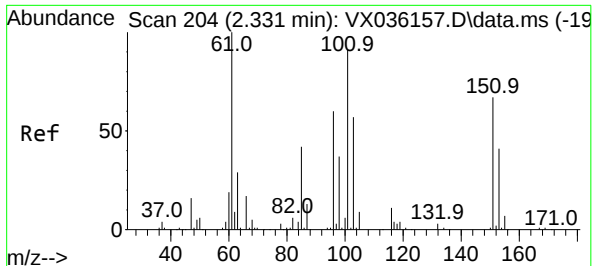
Tgt Ion: 62 Resp: 727
 Ion Ratio Lower Upper
 62 100
 64 43.1 25.4 38.0#



#5
 Bromomethane
 Concen: 0.338 ug/l
 RT: 1.623 min Scan# 88
 Delta R.T. 0.006 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Tgt Ion: 94 Resp: 891
 Ion Ratio Lower Upper
 94 100
 96 49.9 74.6 111.8#

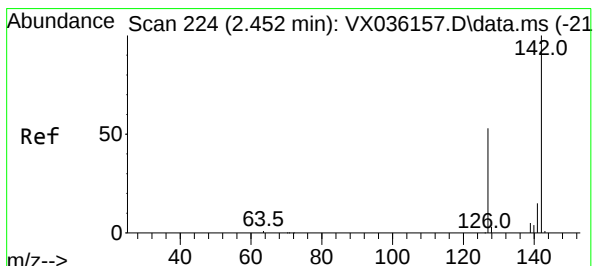
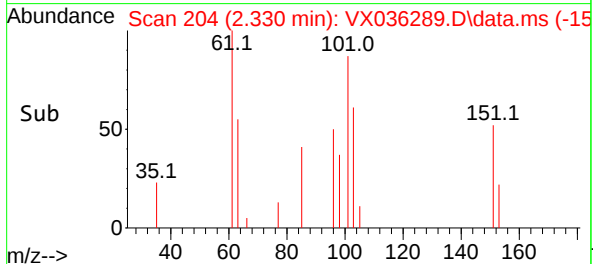
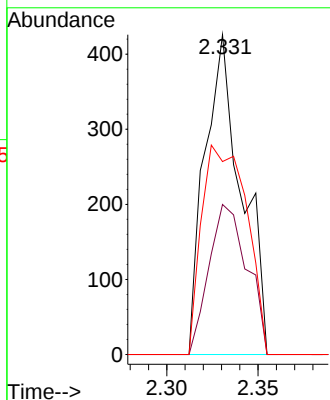
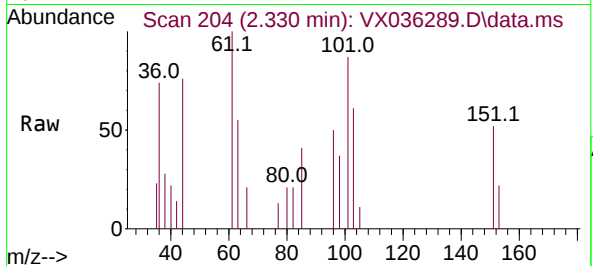




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.261 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.001 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

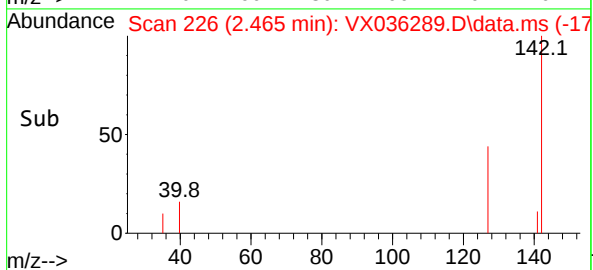
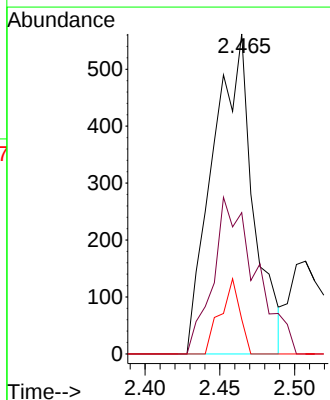
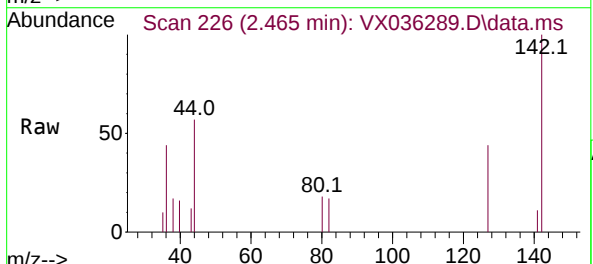
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MSVOA_X
ClientSampleId :
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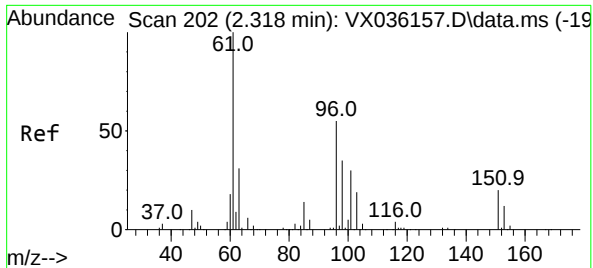
Tgt Ion:101 Resp: 597
Ion Ratio Lower Upper
101 100
85 48.9 37.0 55.6
151 80.1 58.6 87.8



#10
Methyl Iodide
Concen: 0.381 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion:142 Resp: 1061
Ion Ratio Lower Upper
142 100
127 51.4 41.6 62.4
141 11.3 11.6 17.4#

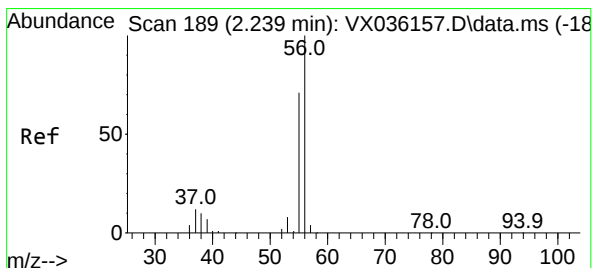
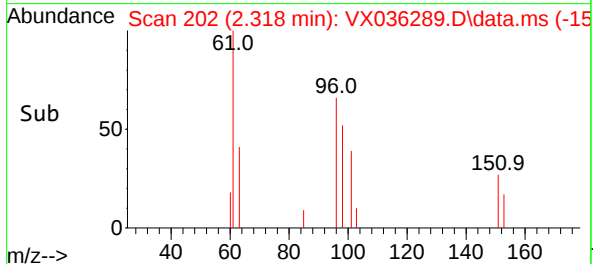
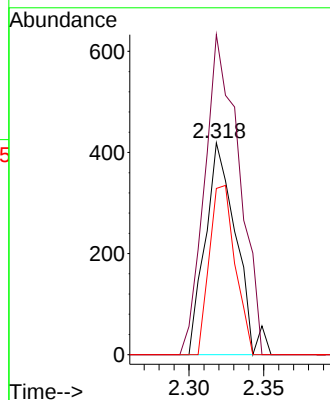
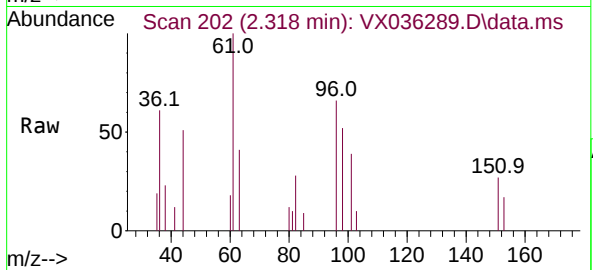




#12
1,1-Dichloroethene
Concen: 0.266 ug/l
RT: 2.318 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

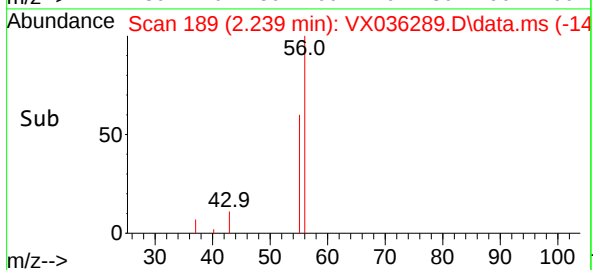
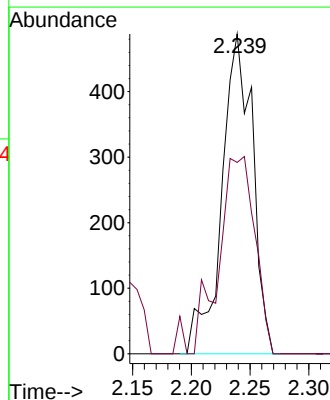
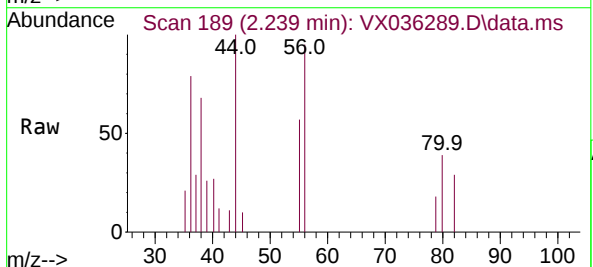
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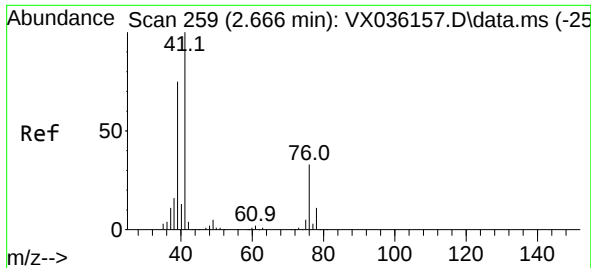
Tgt Ion: 96 Resp: 596
Ion Ratio Lower Upper
96 100
61 151.1 144.6 216.8
98 78.5 50.4 75.6#



#13
Acrolein
Concen: 1.235 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion: 56 Resp: 889
Ion Ratio Lower Upper
56 100
55 72.4 57.1 85.7

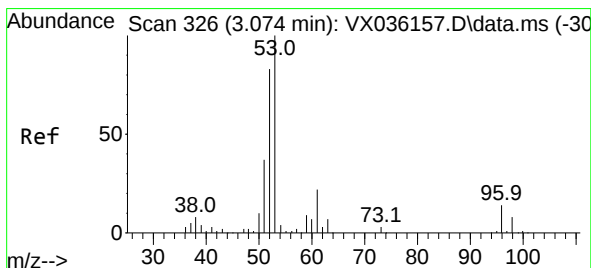
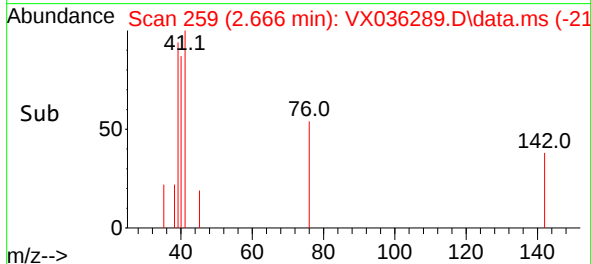
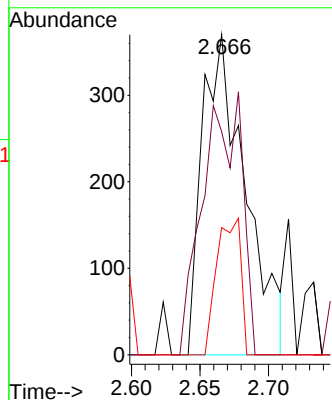
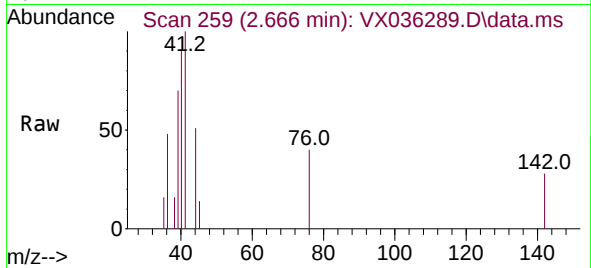




#14
 Allyl chloride
 Concen: 0.224 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

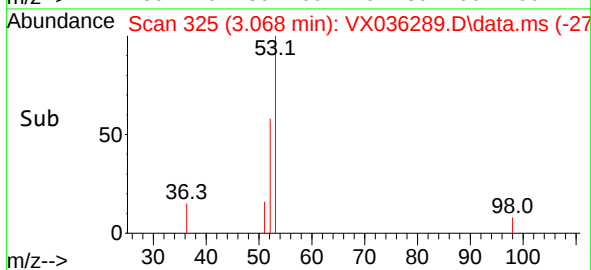
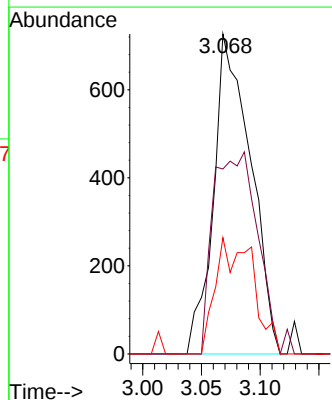
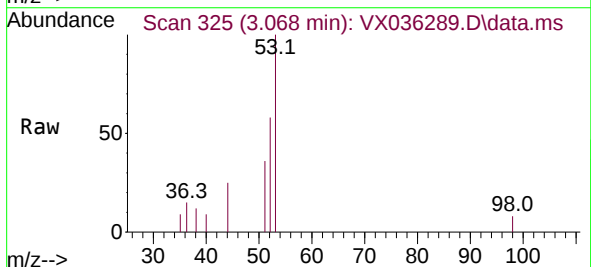
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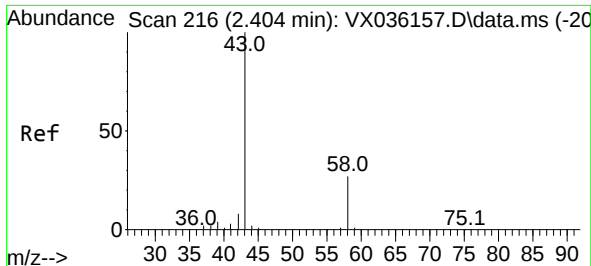
Tgt Ion: 41 Resp: 813
 Ion Ratio Lower Upper
 41 100
 39 73.1 55.8 83.6
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 1.200 ug/l
 RT: 3.068 min Scan# 325
 Delta R.T. -0.006 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Tgt Ion: 53 Resp: 1595
 Ion Ratio Lower Upper
 53 100
 52 76.2 66.0 99.0
 51 15.9 29.8 44.6#

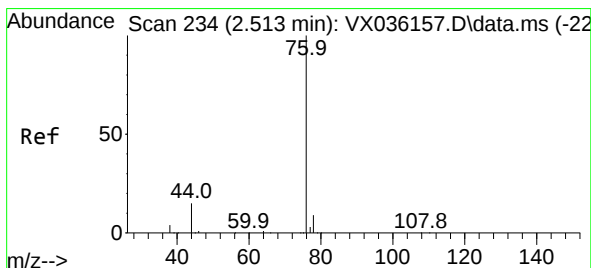
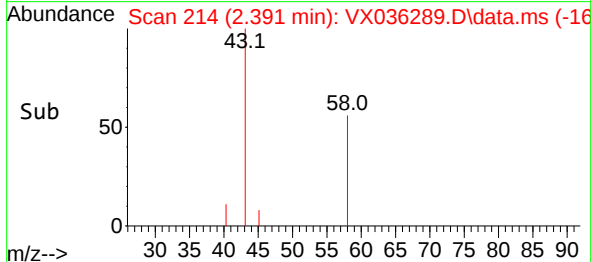
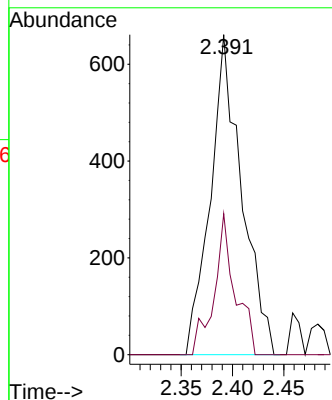
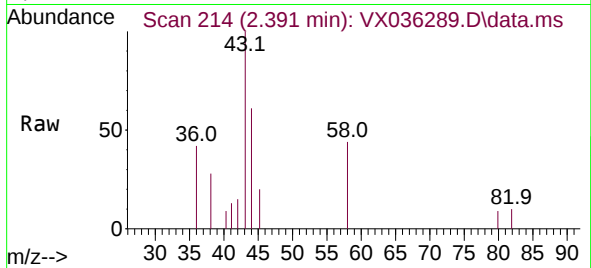




#16
Acetone
Concen: 1.178 ug/l
RT: 2.391 min Scan# 216
Delta R.T. -0.013 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

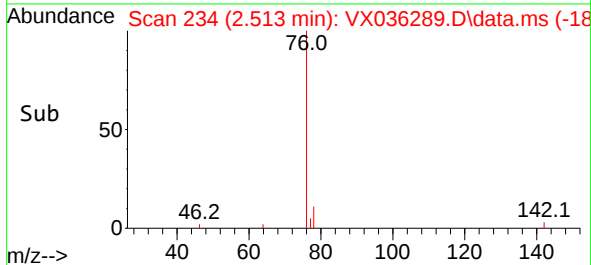
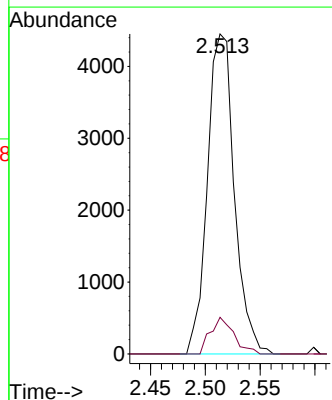
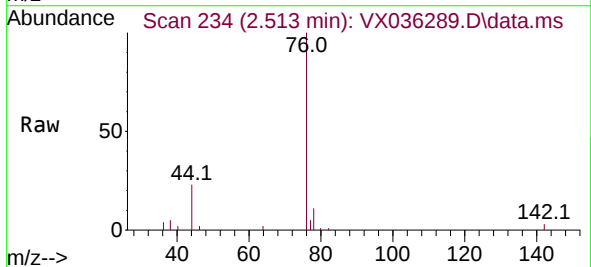
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ClientSampleId :
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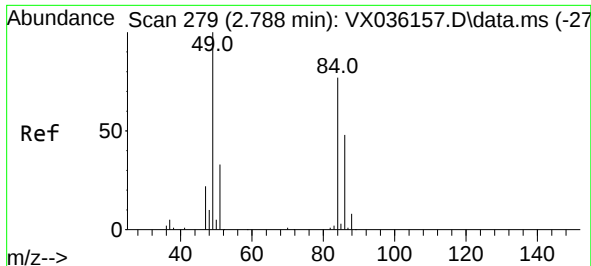
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 44.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 1.457 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion: 76 Resp: 7624
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#

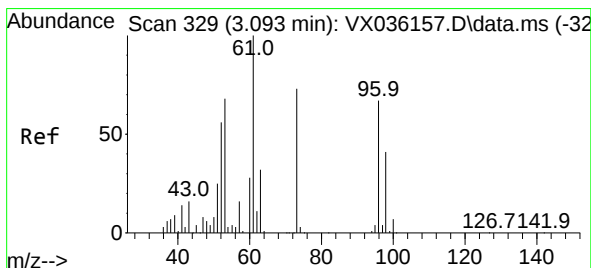
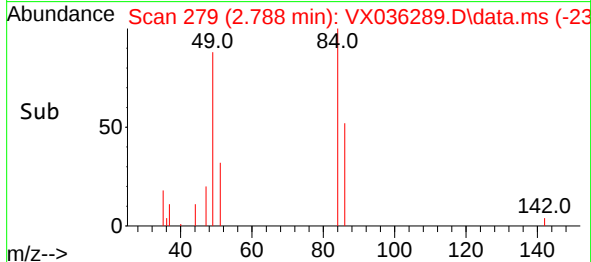
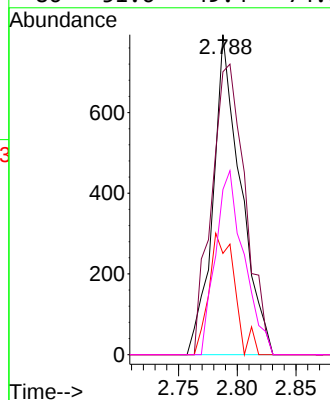
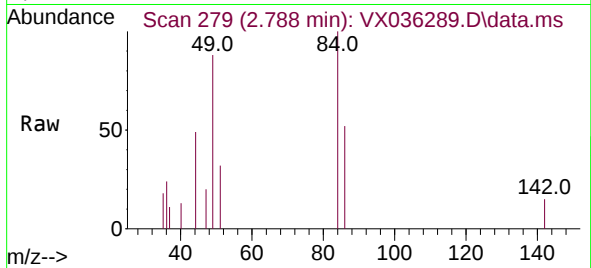




#20
Methylene Chloride
Concen: 0.502 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

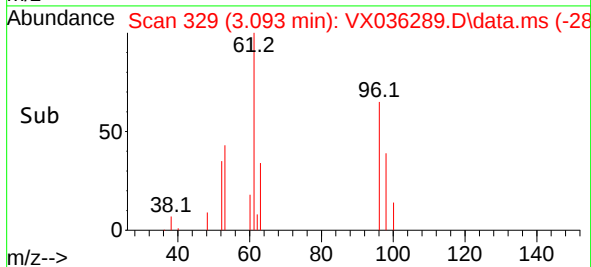
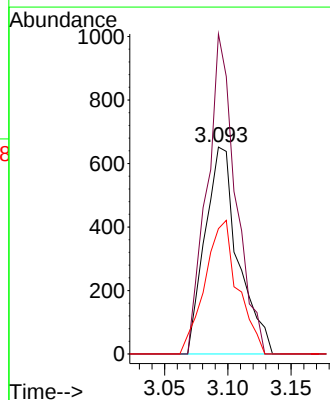
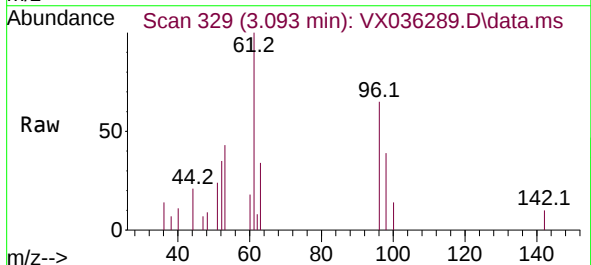
Instrument :
MSVOA_X
ClientSampleId :
IBLK

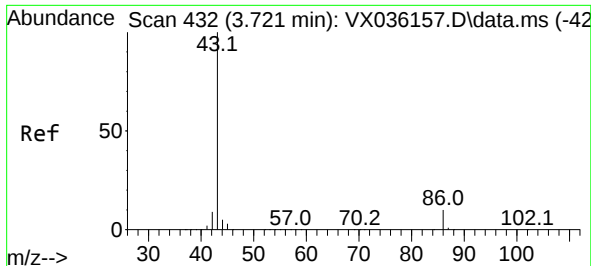
Tgt Ion:	84	Resp:	1303
Ion	Ratio	Lower	Upper
84	100		
49	88.4	103.6	155.4#
51	31.7	33.8	50.6#
86	51.6	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.508 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion:	96	Resp:	1188
Ion	Ratio	Lower	Upper
96	100		
61	154.6	119.2	178.8
98	60.6	48.7	73.1

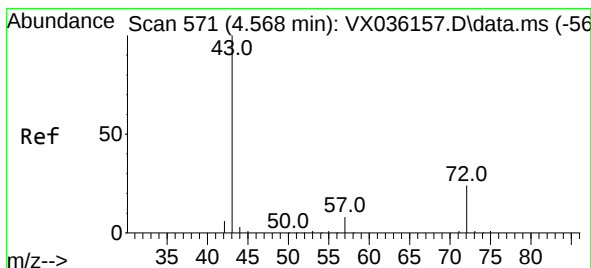
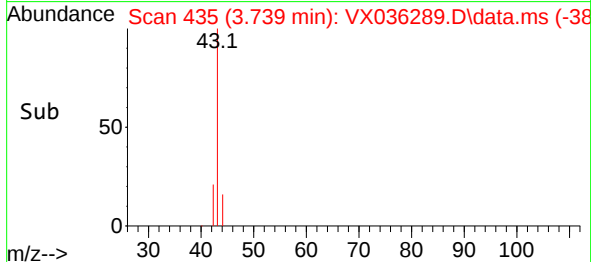
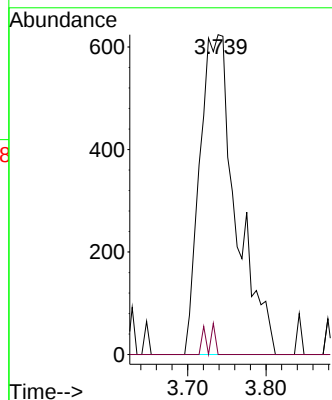
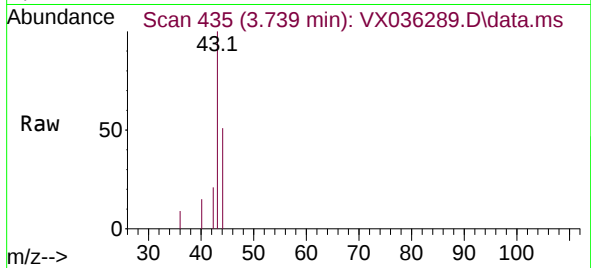




#23
 Vinyl Acetate
 Concen: 0.378 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

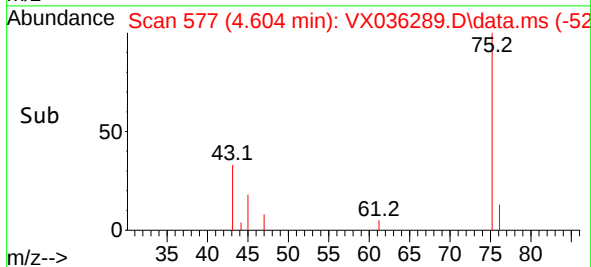
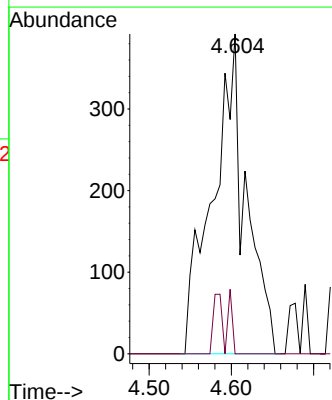
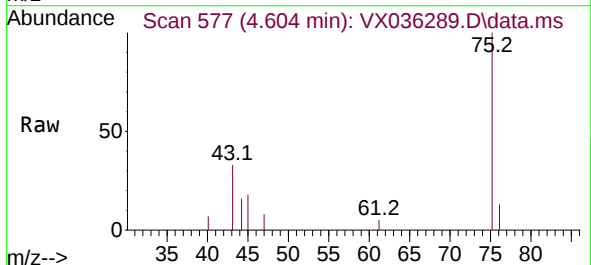
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

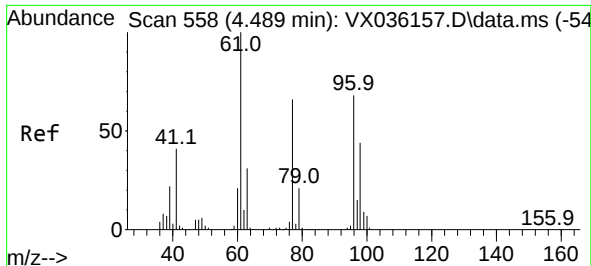
Tgt Ion: 43 Resp: 1997
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.627 ug/l
 RT: 4.604 min Scan# 577
 Delta R.T. 0.036 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Tgt Ion: 43 Resp: 1104
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.231 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

IBLK

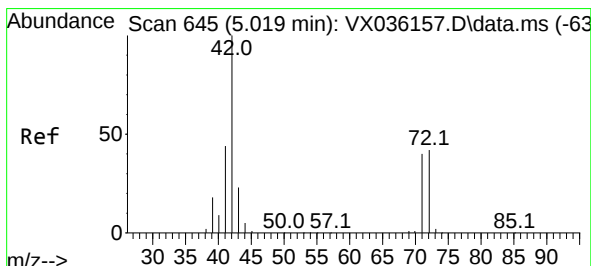
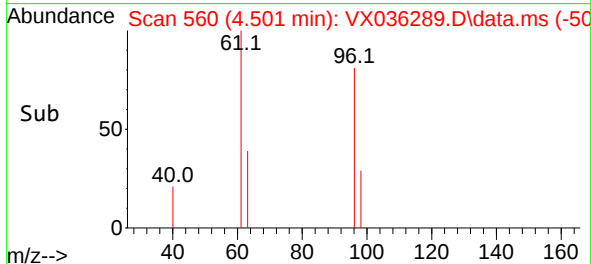
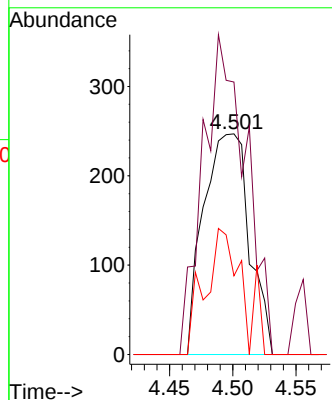
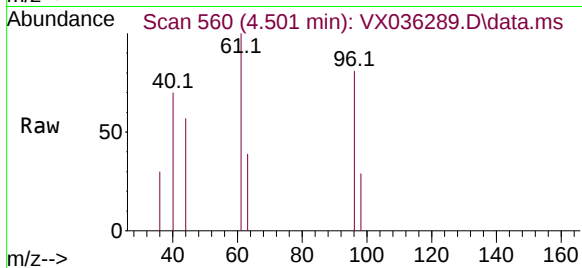
Tgt Ion: 96 Resp: 621

Ion Ratio Lower Upper

96 100

61 136.2 0.0 312.2

98 46.5 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.466 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.037 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

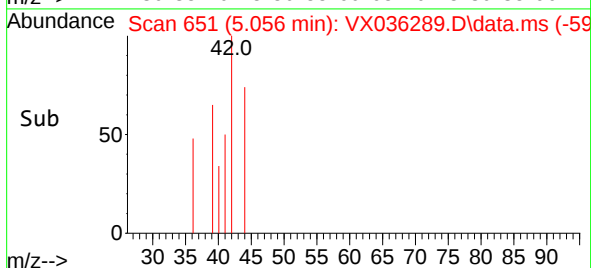
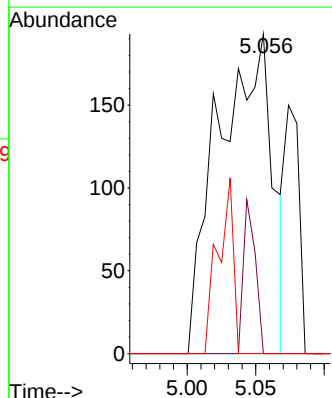
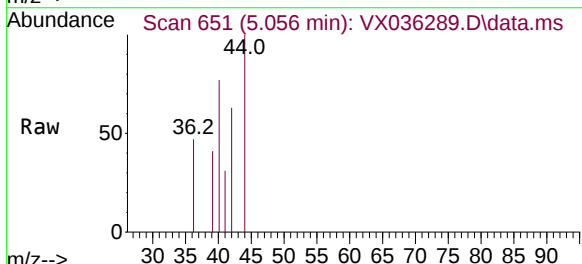
Tgt Ion: 42 Resp: 527

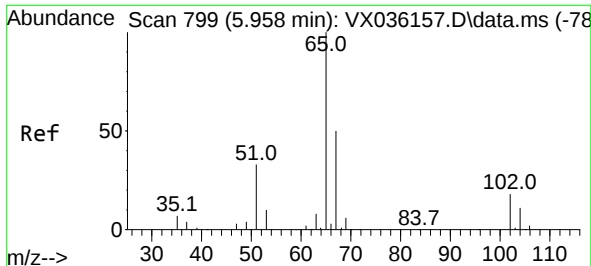
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#

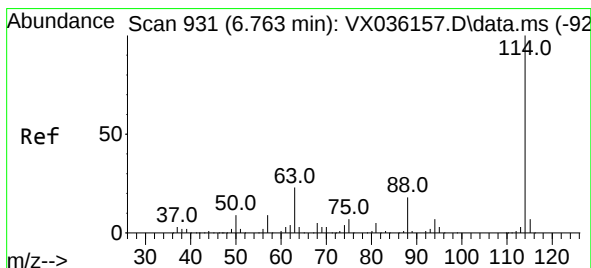
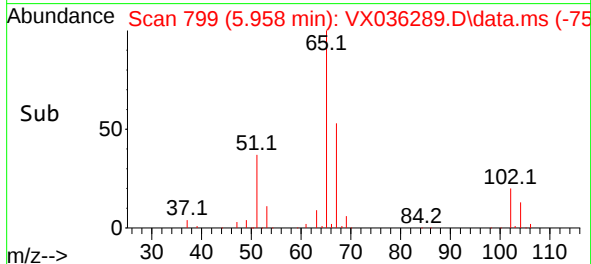
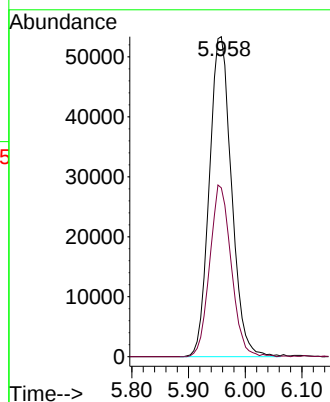
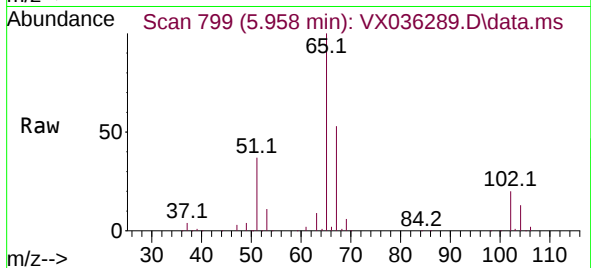




#33
 1,2-Dichloroethane-d4
 Concen: 50.344 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

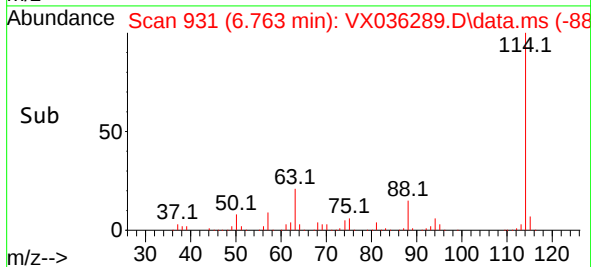
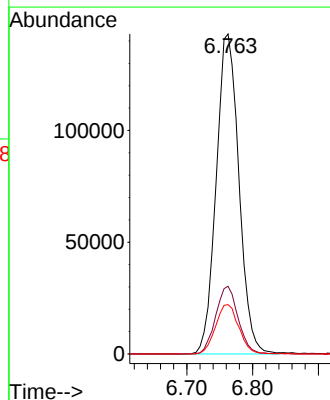
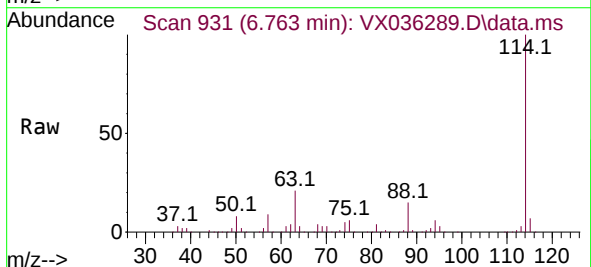
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

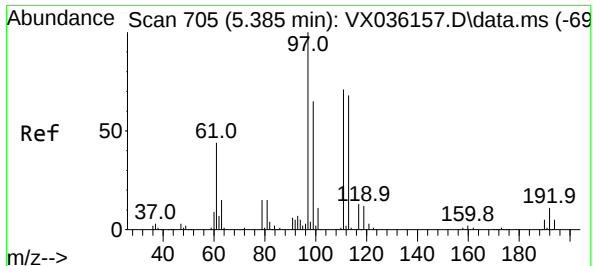
Tgt Ion: 65 Resp: 144931
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Tgt Ion: 114 Resp: 344338
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 15.4 0.0 36.6

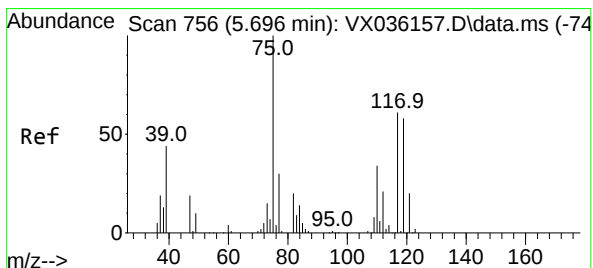
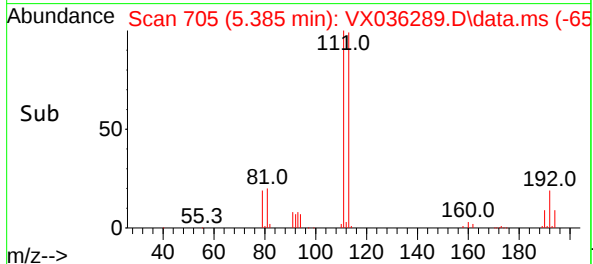
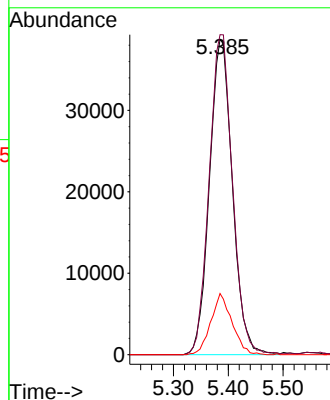
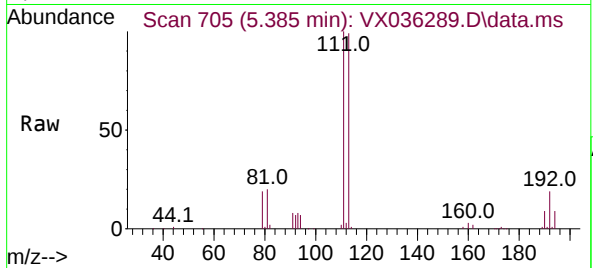




#35
Dibromofluoromethane
Concen: 49.563 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

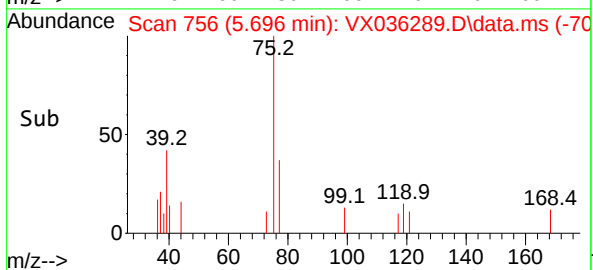
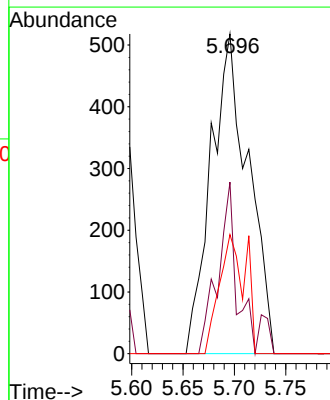
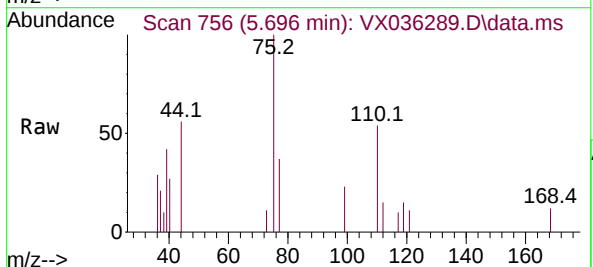
Instrument :
MSVOA_X
ClientSampleId :
IBLK

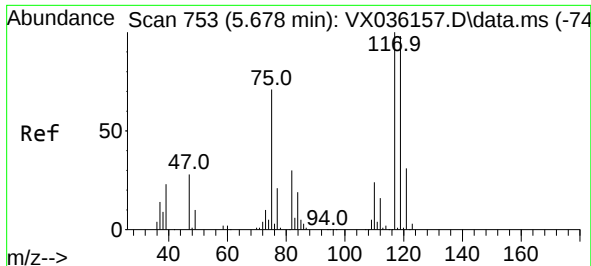
Tgt Ion:113 Resp: 112531
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.403 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

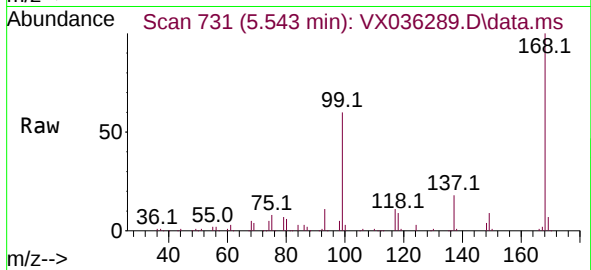
Tgt Ion: 75 Resp: 1310
Ion Ratio Lower Upper
75 100
110 26.9 17.0 50.9
77 25.8 24.7 37.1



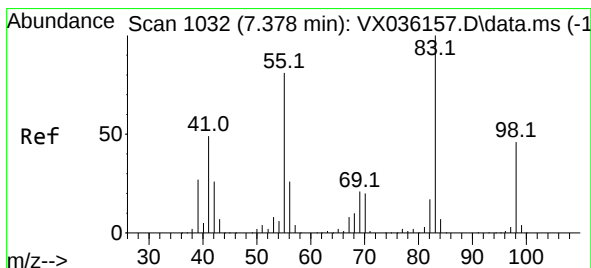
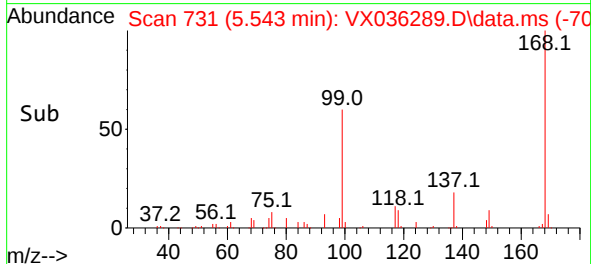
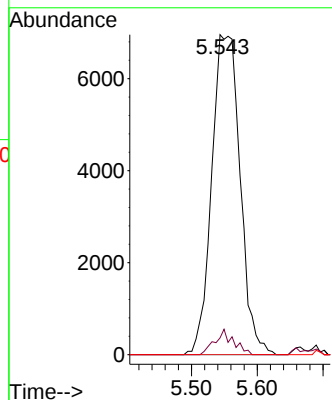


#38
Carbon Tetrachloride
Concen: 6.819 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

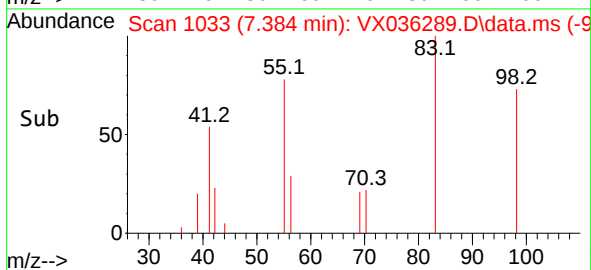
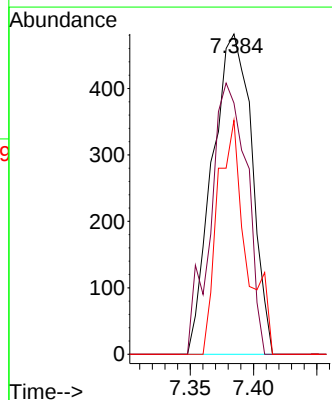
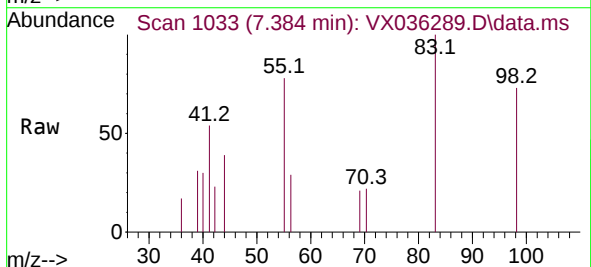


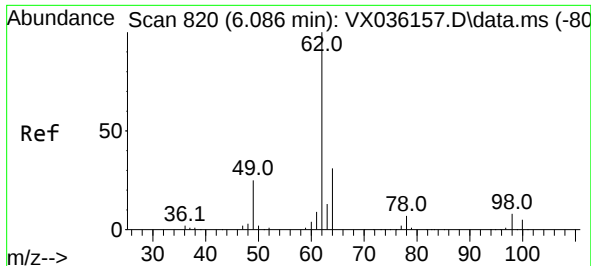
Tgt Ion:117 Resp: 20899
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.265 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion: 83 Resp: 1045
Ion Ratio Lower Upper
83 100
55 78.4 64.6 97.0
98 73.0 36.7 55.1#





#42

1,2-Dichloroethane

Concen: 0.211 ug/l

RT: 6.104 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

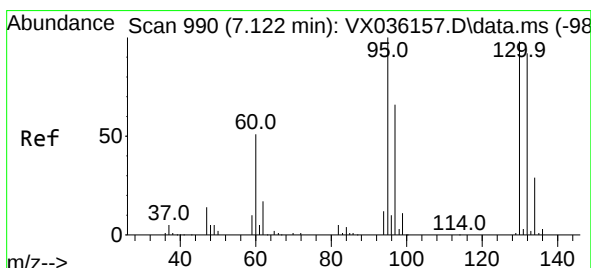
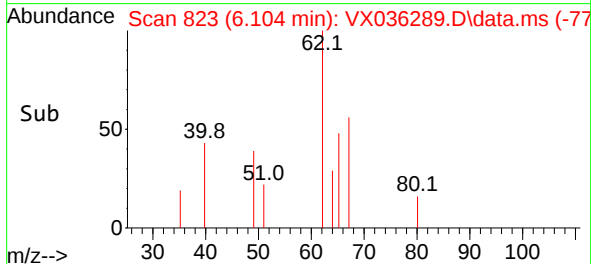
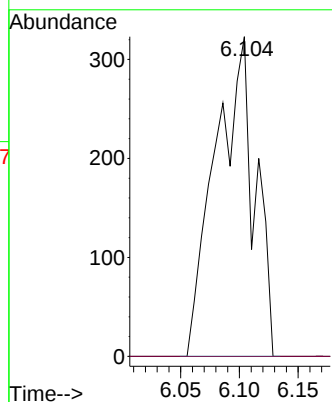
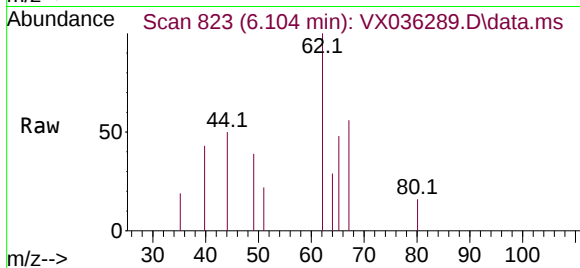
IBLK

Tgt Ion: 62 Resp: 753

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 0.395 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.013 min

Lab File: VX036289.D

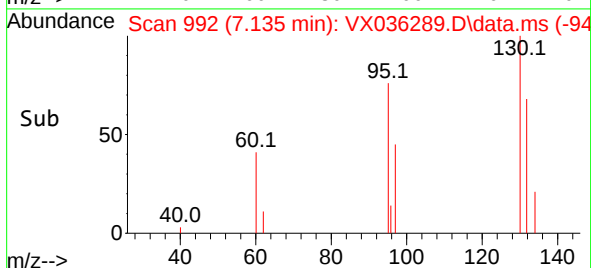
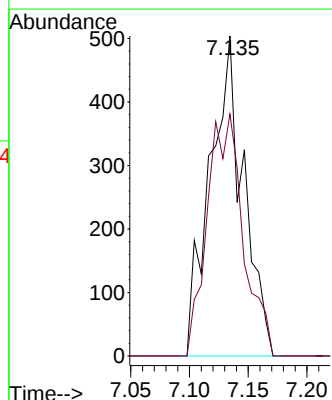
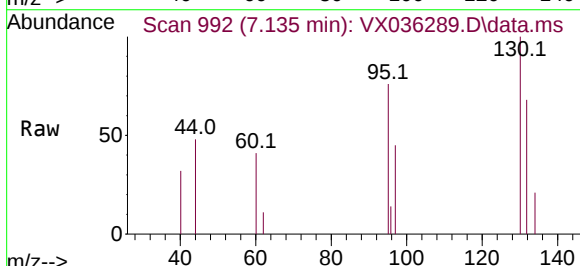
Acq: 23 Jun 2023 12:48

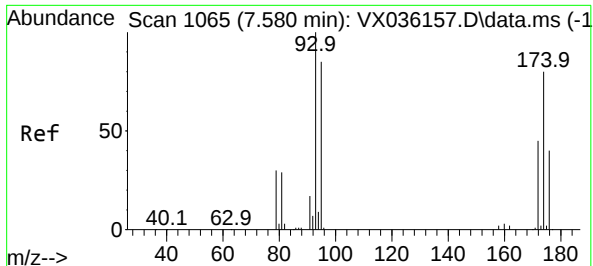
Tgt Ion:130 Resp: 1002

Ion Ratio Lower Upper

130 100

95 75.6 0.0 204.4

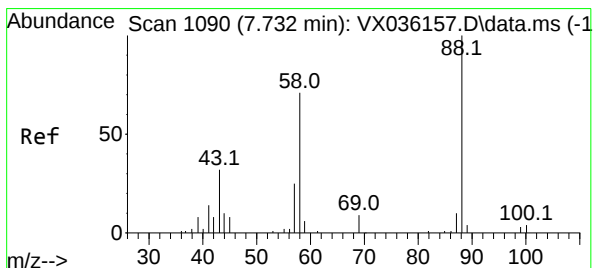
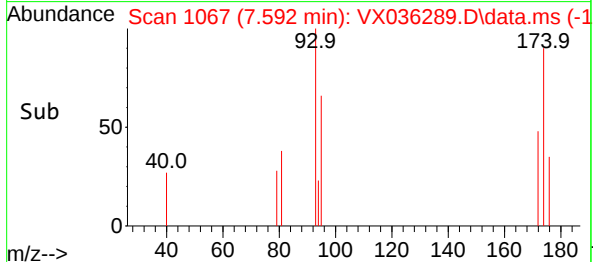
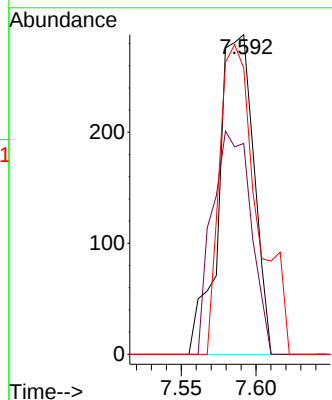
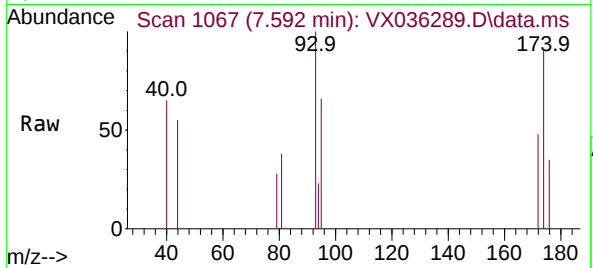




#46
Dibromomethane
Concen: 0.266 ug/l
RT: 7.592 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

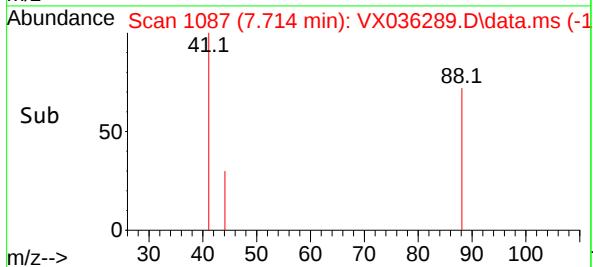
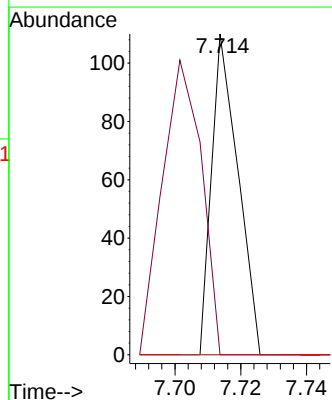
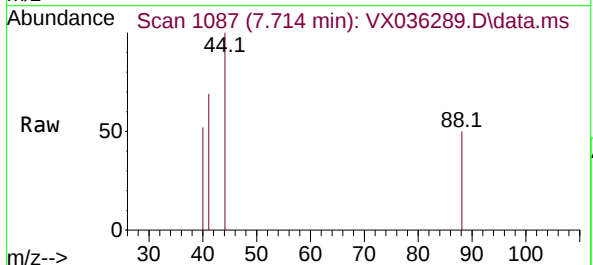
Instrument :
MSVOA_X
ClientSampleId :
IBLK

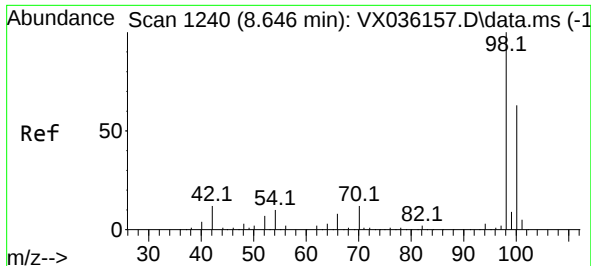
Tgt Ion: 93 Resp: 471
Ion Ratio Lower Upper
93 100
95 76.9 66.6 100.0
174 103.2 69.4 104.0



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.714 min Scan# 1087
Delta R.T. -0.018 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 136.1 0.0 0.0#
58 0.0 60.1 90.1#

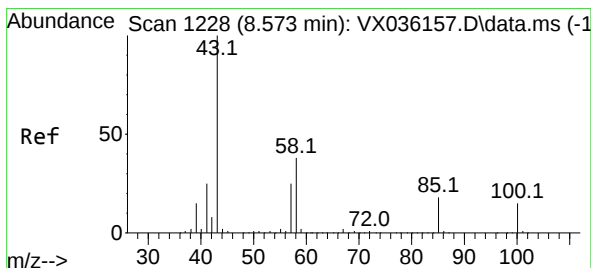
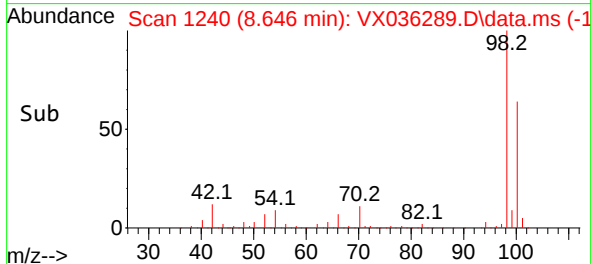
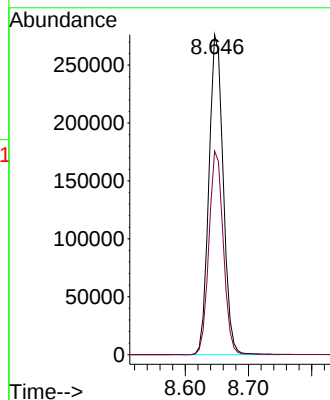
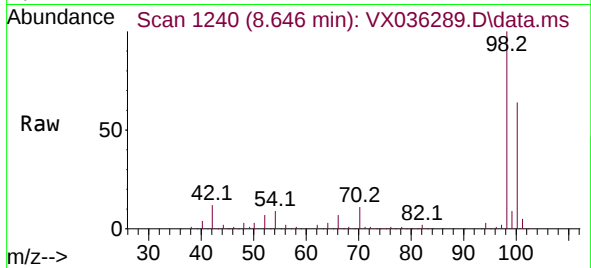




#50
Toluene-d8
Concen: 51.287 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

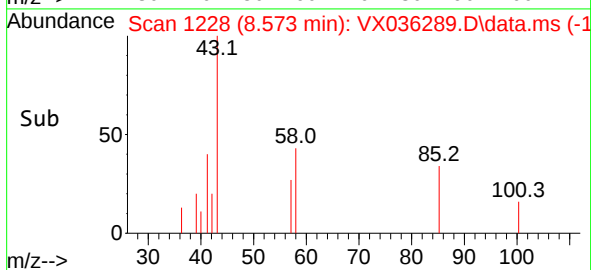
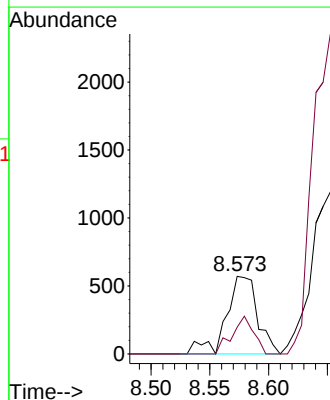
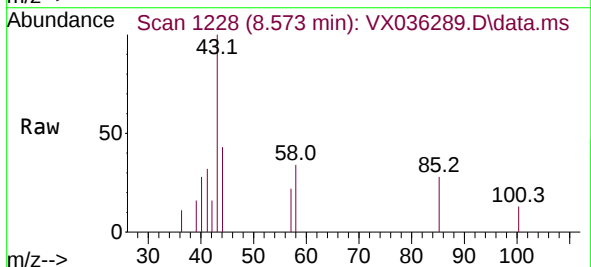
Instrument :
MSVOA_X
ClientSampleId :
IBLK

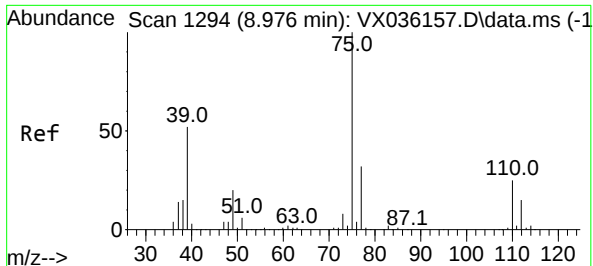
Tgt Ion: 98 Resp: 434922
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.302 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
58 33.4 30.4 45.6





#53

t-1,3-Dichloropropene

Concen: 3.305 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

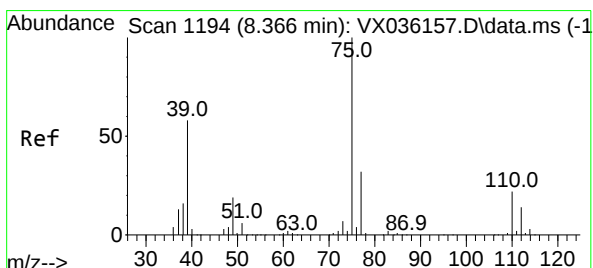
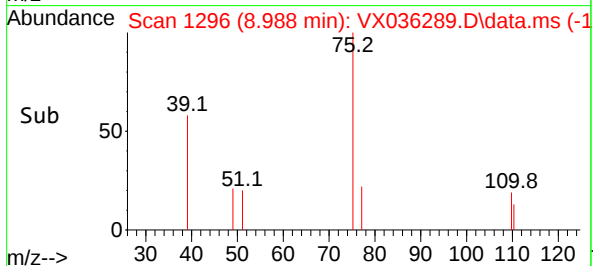
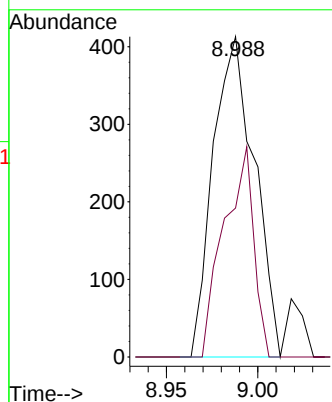
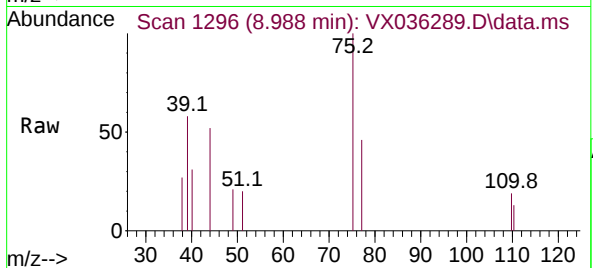
IBLK

Tgt Ion: 75 Resp: 649

Ion Ratio Lower Upper

75 100

77 46.5 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 2.091 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

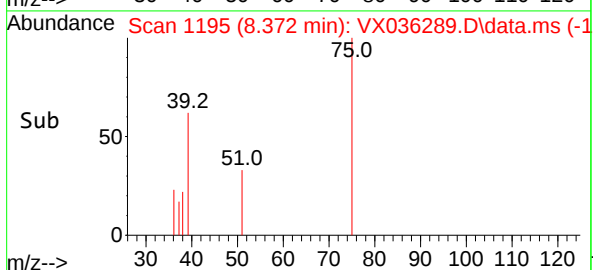
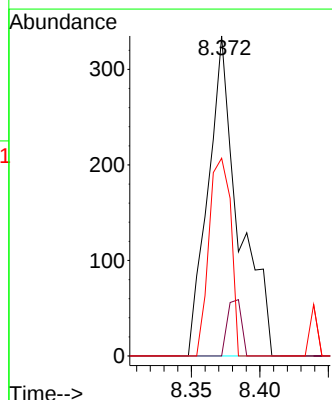
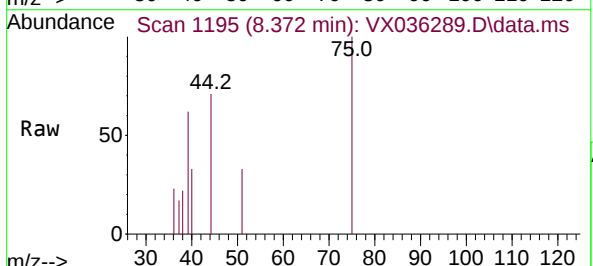
Tgt Ion: 75 Resp: 522

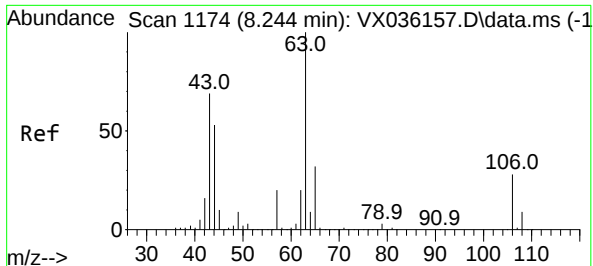
Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

39 61.8 46.7 70.1





#58

2-Chloroethyl Vinyl ether

Concen: 0.449 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

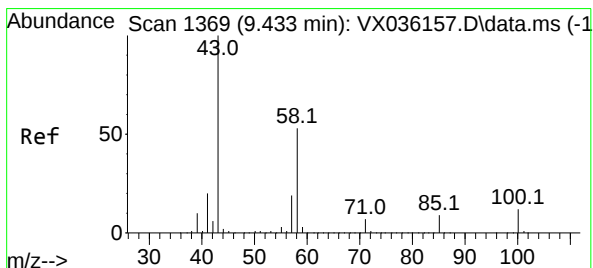
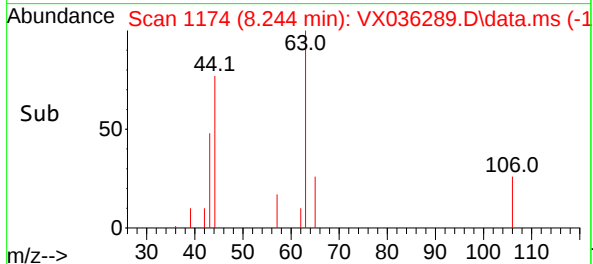
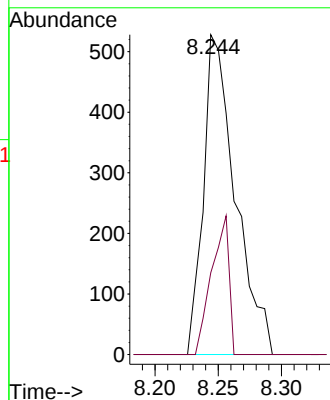
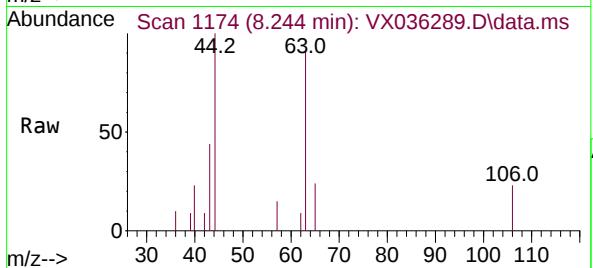
IBLK

Tgt Ion: 63 Resp: 926

Ion Ratio Lower Upper

63 100

106 23.8 22.5 33.7



#59

2-Hexanone

Concen: 0.453 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX036289.D

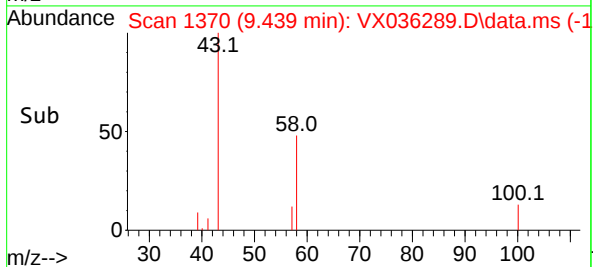
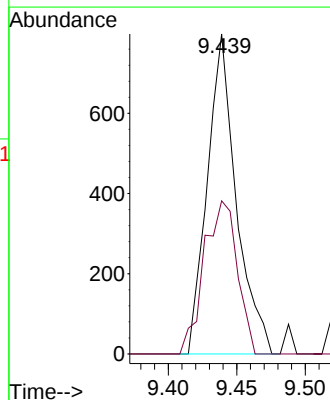
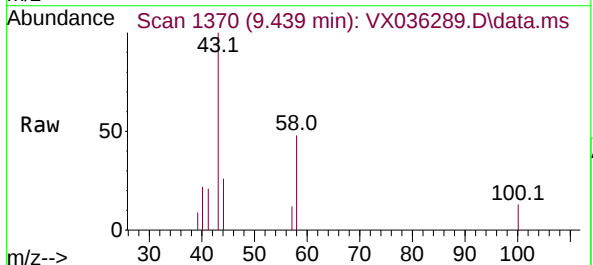
Acq: 23 Jun 2023 12:48

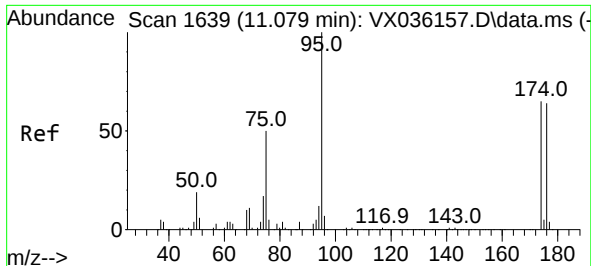
Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

58 54.9 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 52.149 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

IBLK

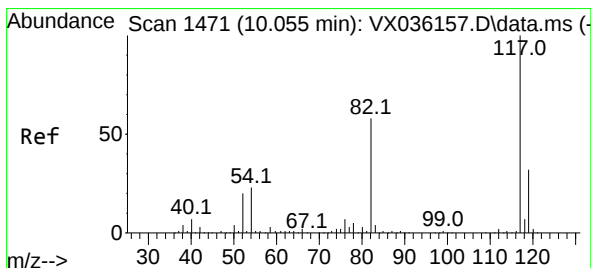
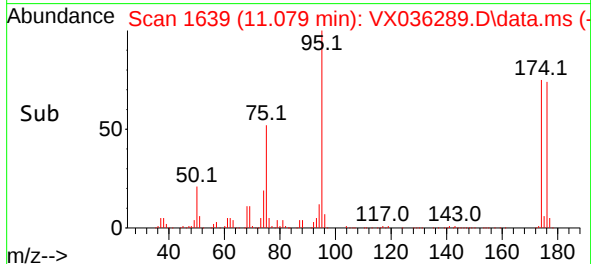
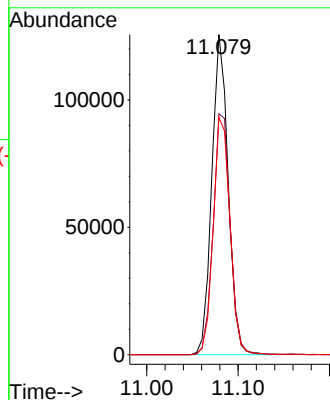
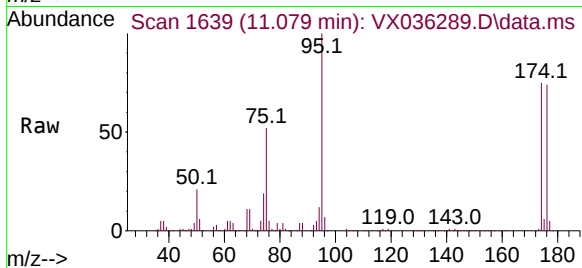
Tgt Ion: 95 Resp: 155770

Ion Ratio Lower Upper

95 100

174 78.4 0.0 135.6

176 76.4 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: VX036289.D

Acq: 23 Jun 2023 12:48

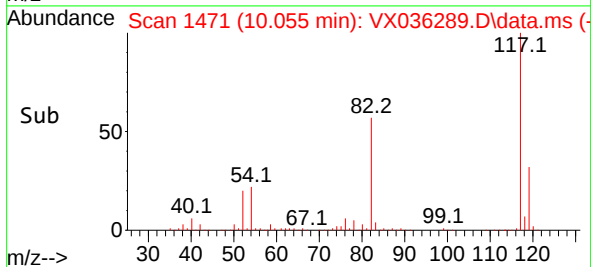
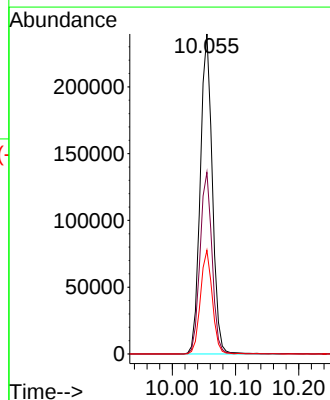
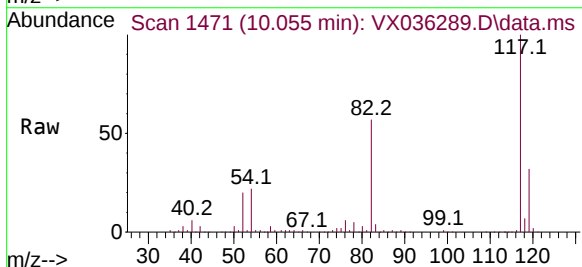
Tgt Ion: 117 Resp: 317693

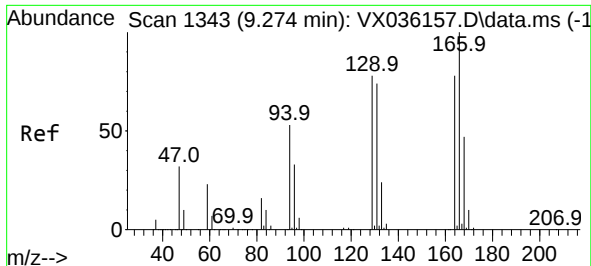
Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 32.4 25.5 38.3

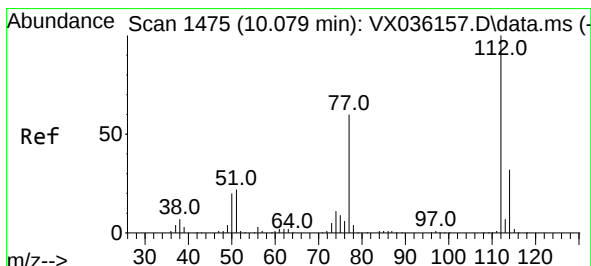
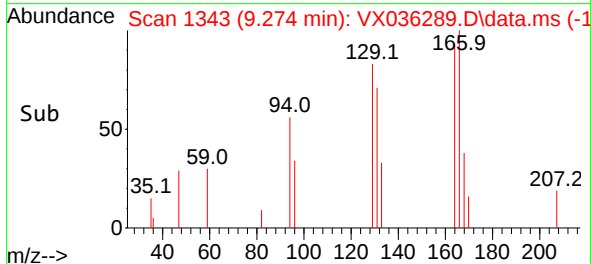
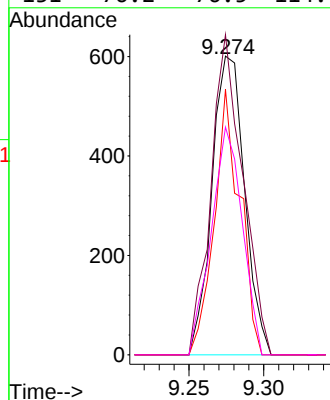
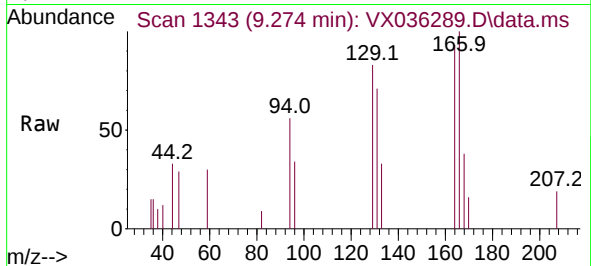




#64
Tetrachloroethene
Concen: 0.413 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

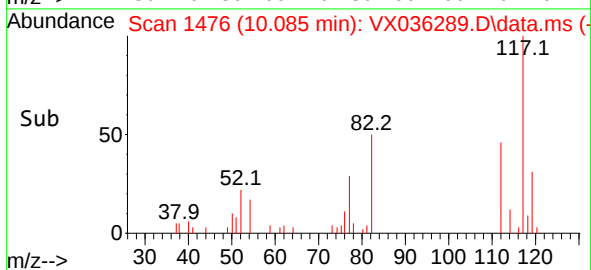
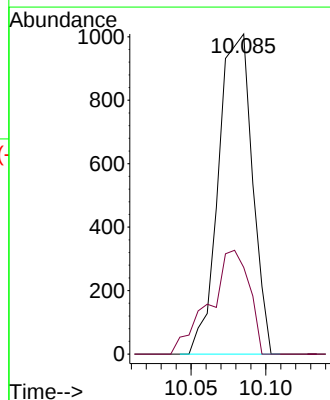
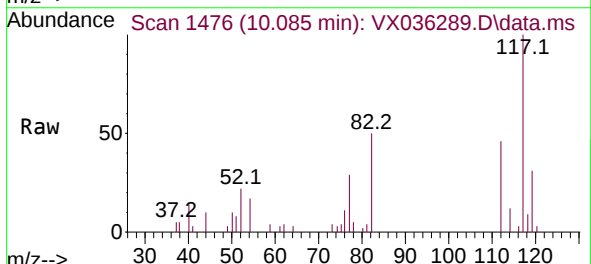
Instrument :
MSVOA_X
ClientSampleId :
IBLK

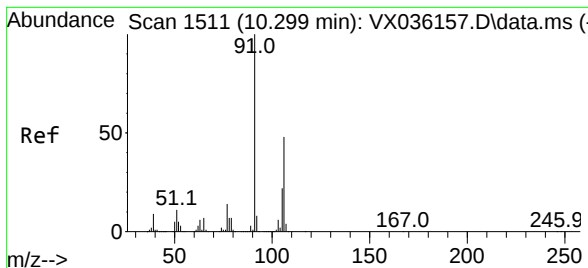
Tgt Ion:164 Resp: 913
Ion Ratio Lower Upper
164 100
166 107.2 102.7 154.1
129 88.9 80.4 120.6
131 76.2 76.5 114.7#



#65
Chlorobenzene
Concen: 0.241 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion:112 Resp: 1585
Ion Ratio Lower Upper
112 100
114 27.1 25.7 38.5

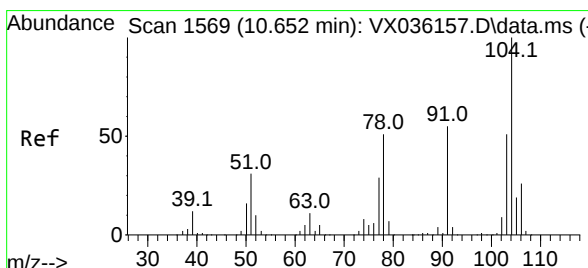
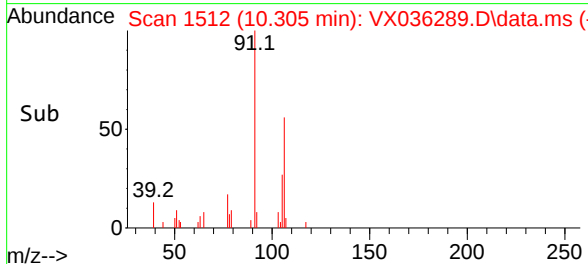
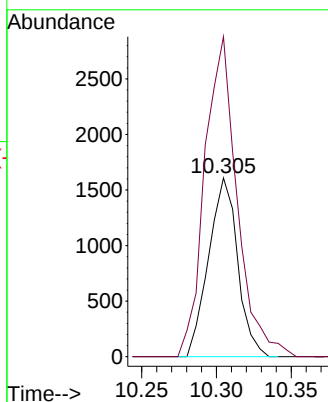
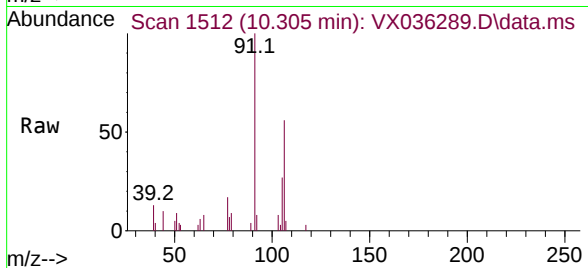




#68
m/p-Xylenes
Concen: 0.481 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

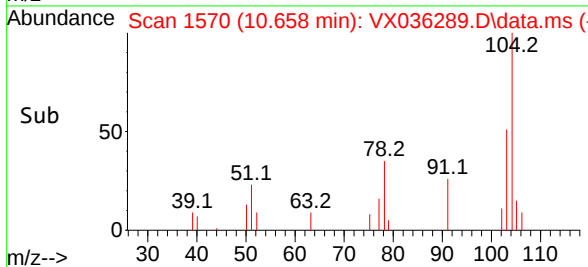
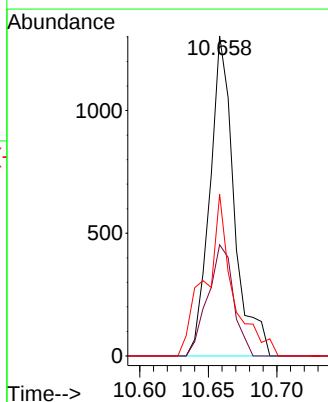
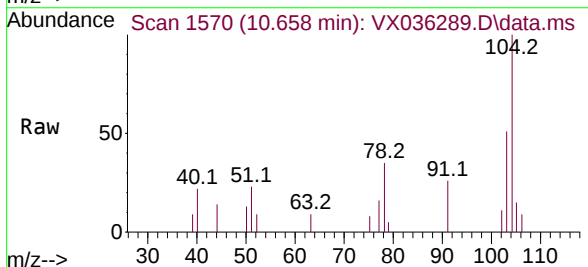
Instrument :
MSVOA_X
ClientSampleId :
IBLK

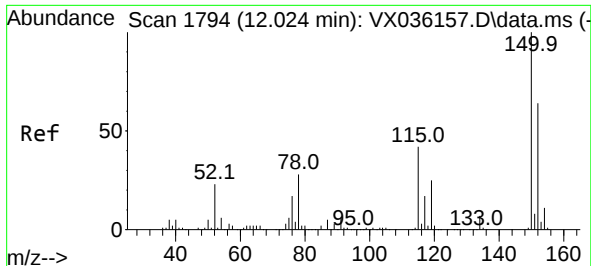
Tgt Ion:106 Resp: 2171
Ion Ratio Lower Upper
106 100
91 199.8 165.5 248.3



#70
Styrene
Concen: 0.225 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion:104 Resp: 1607
Ion Ratio Lower Upper
104 100
78 36.7 43.6 65.4#
103 57.2 43.6 65.4

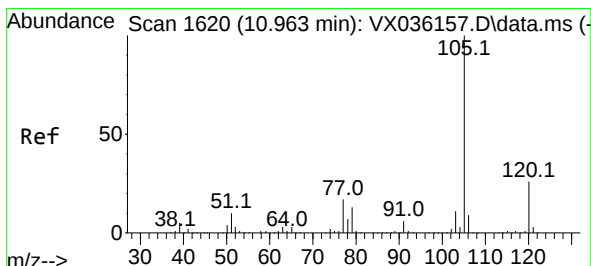
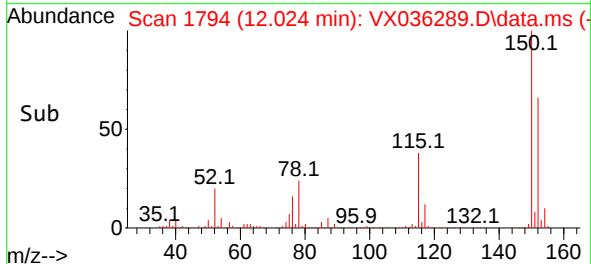
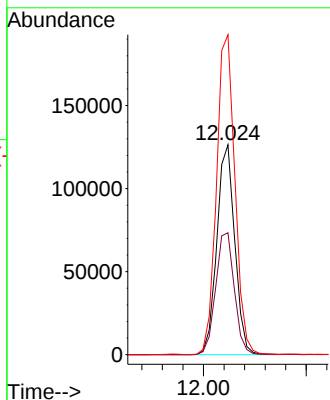
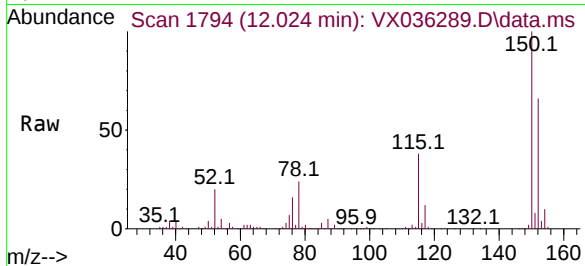




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

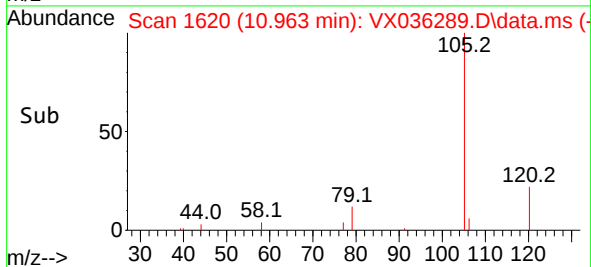
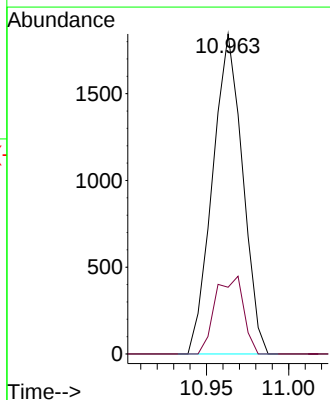
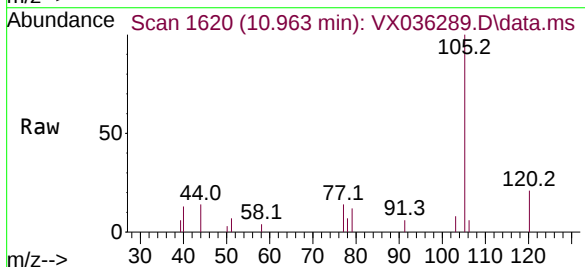
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

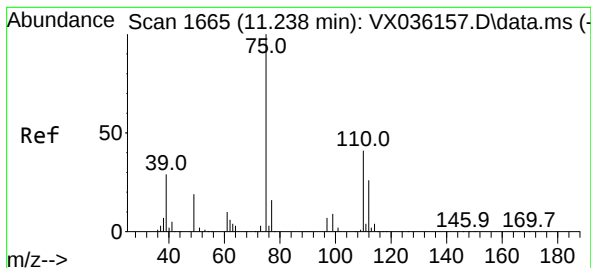
Tgt Ion:152 Resp: 152899
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.3 129.9
 150 156.3 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.205 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Tgt Ion:105 Resp: 2342
 Ion Ratio Lower Upper
 105 100
 120 22.8 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 24.855 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

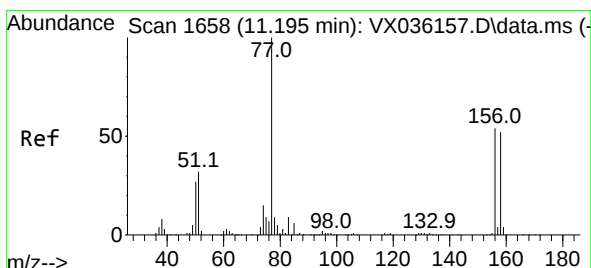
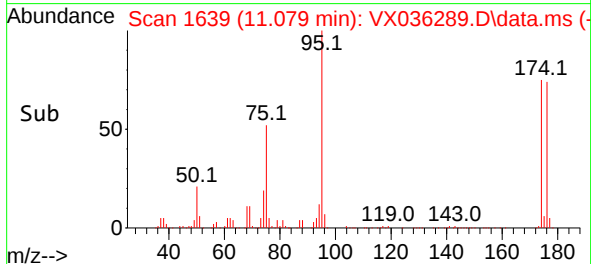
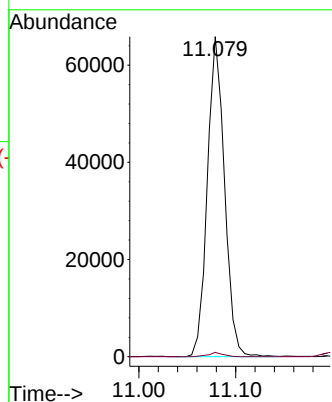
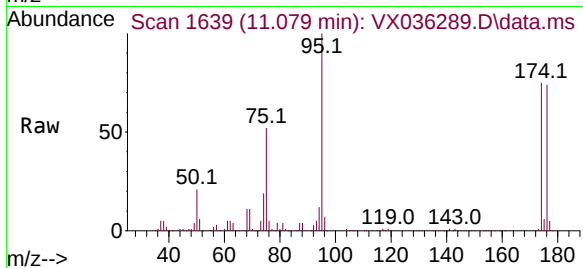
IBLK

Tgt Ion: 75 Resp: 81041

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#77

Bromobenzene

Concen: 0.237 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

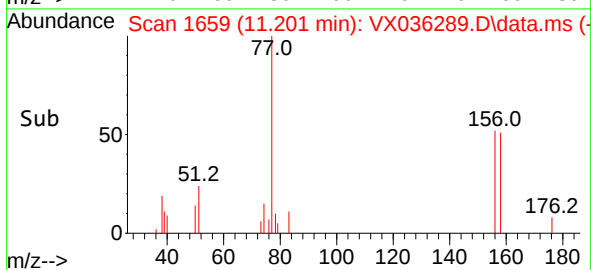
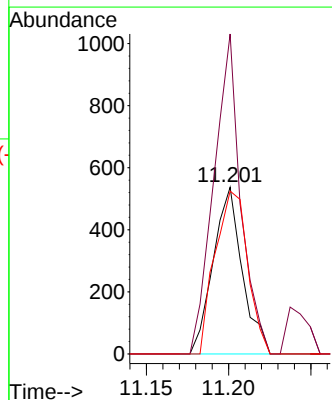
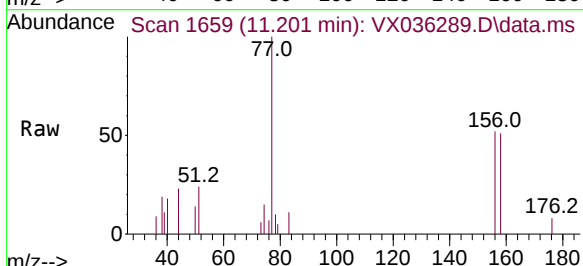
Tgt Ion:156 Resp: 661

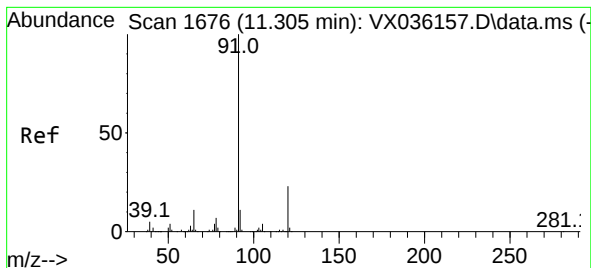
Ion Ratio Lower Upper

156 100

77 178.1 88.4 265.3

158 109.4 48.0 144.0





#78

n-propylbenzene

Concen: 0.300 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

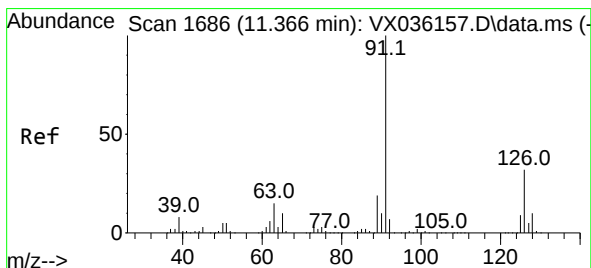
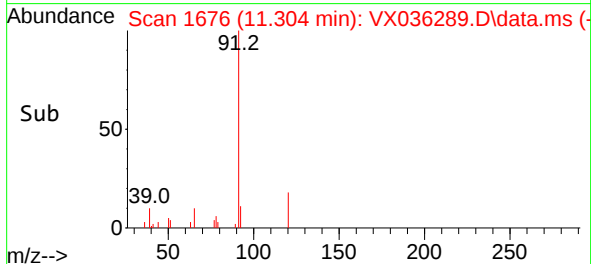
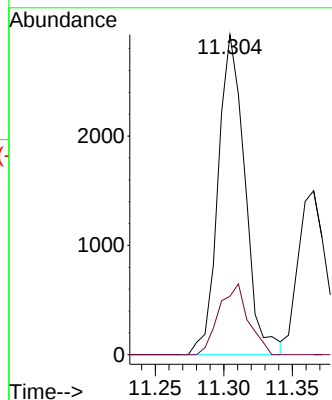
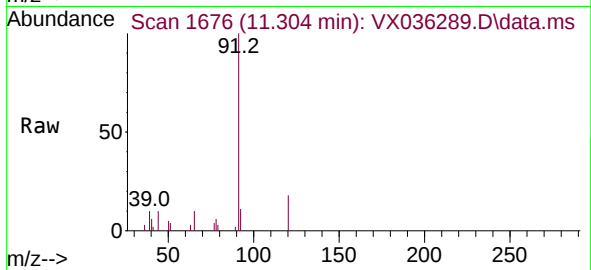
IBLK

Tgt Ion: 91 Resp: 3980

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.263 ug/l

RT: 11.365 min Scan# 1686

Delta R.T. -0.001 min

Lab File: VX036289.D

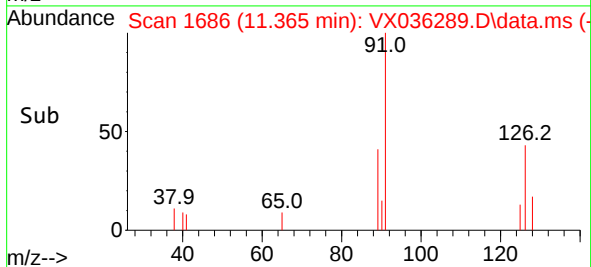
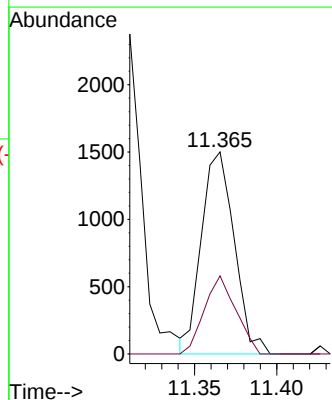
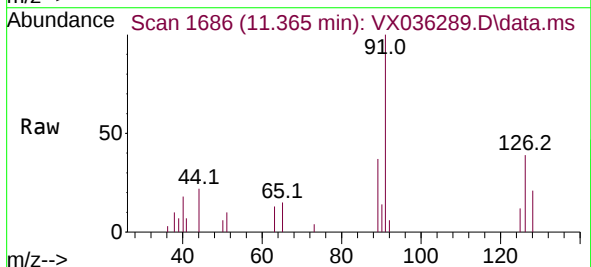
Acq: 23 Jun 2023 12:48

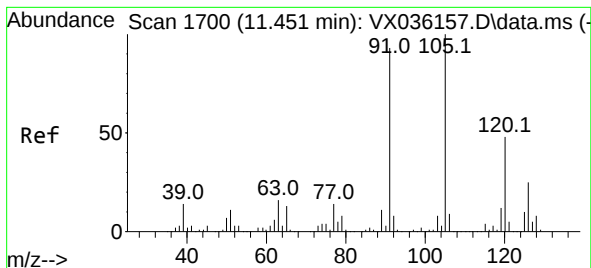
Tgt Ion: 91 Resp: 2085

Ion Ratio Lower Upper

91 100

126 37.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.221 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

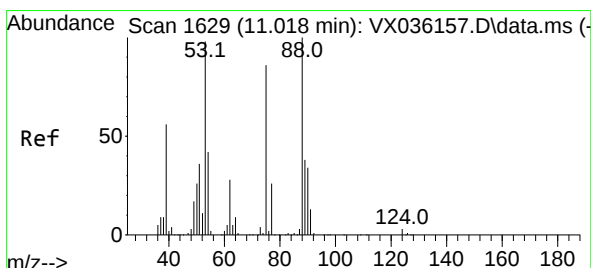
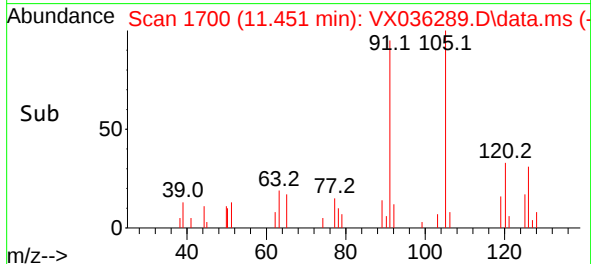
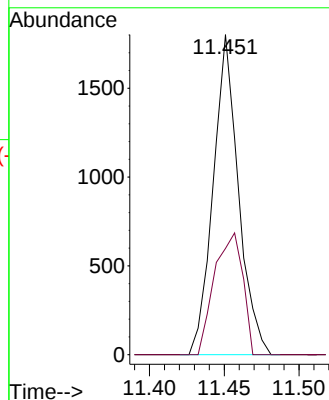
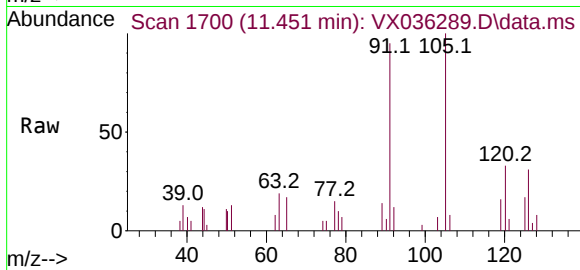
IBLK

Tgt Ion:105 Resp: 2117

Ion Ratio Lower Upper

105 100

120 42.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 70.359 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

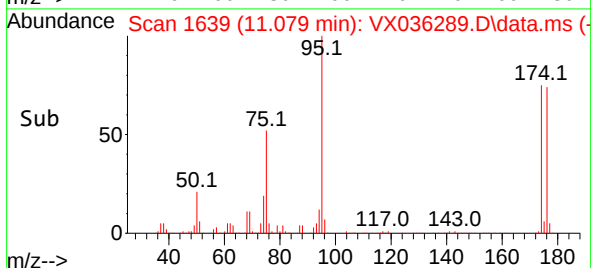
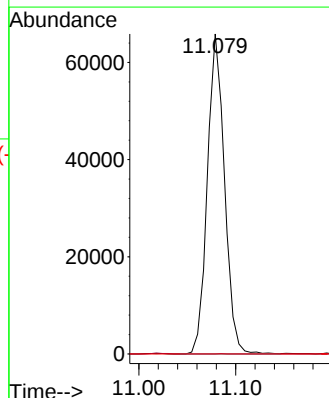
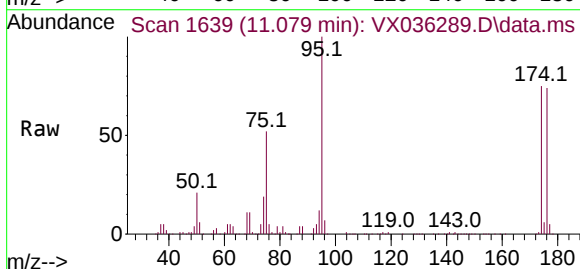
Tgt Ion: 75 Resp: 81041

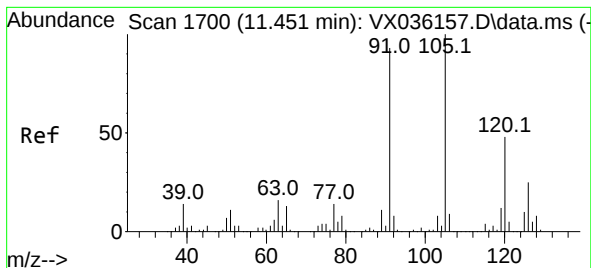
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.332 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

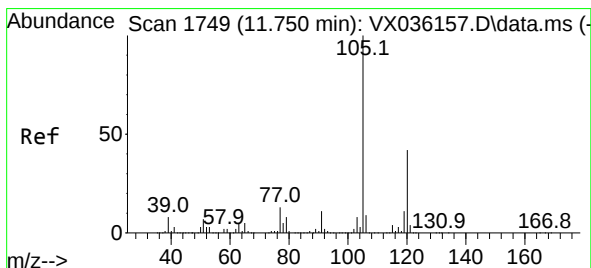
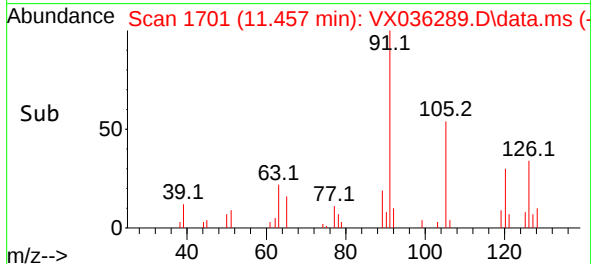
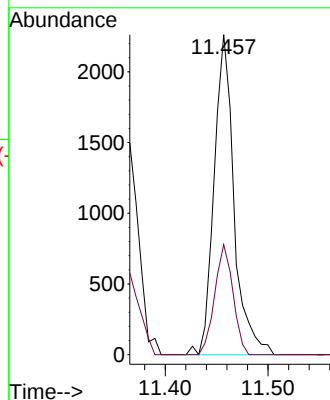
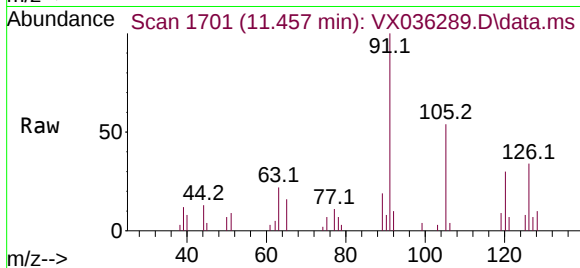
IBLK

Tgt Ion: 91 Resp: 3040

Ion Ratio Lower Upper

91 100

126 31.4 14.2 42.6



#84

1,2,4-Trimethylbenzene

Concen: 0.283 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX036289.D

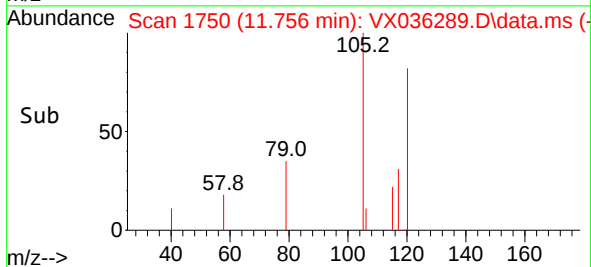
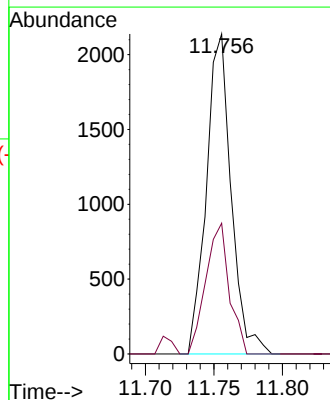
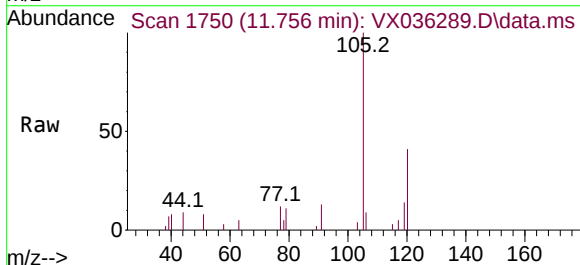
Acq: 23 Jun 2023 12:48

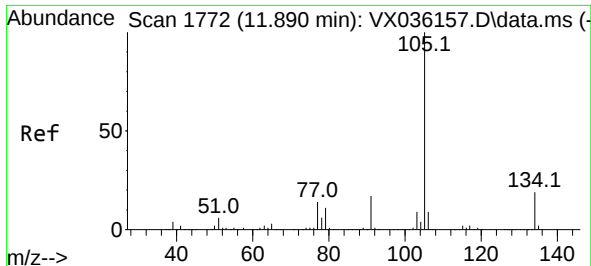
Tgt Ion: 105 Resp: 2686

Ion Ratio Lower Upper

105 100

120 38.8 21.2 63.6

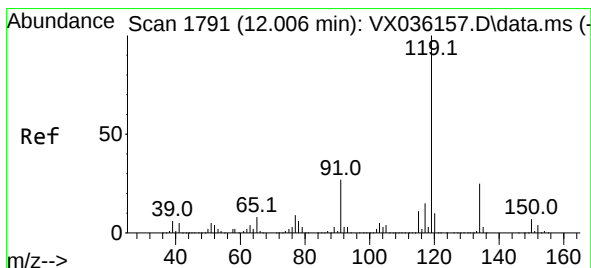
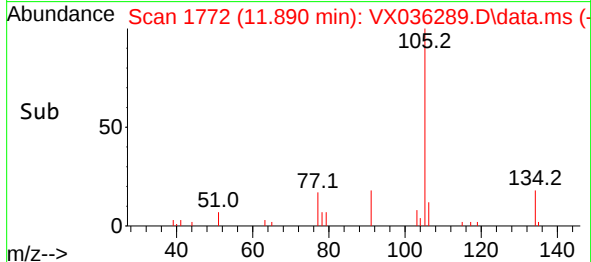
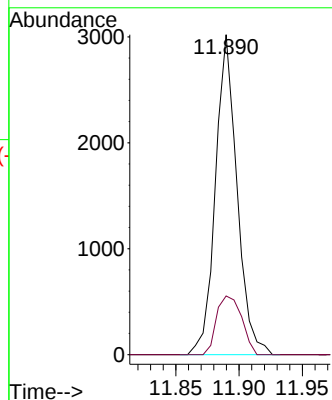
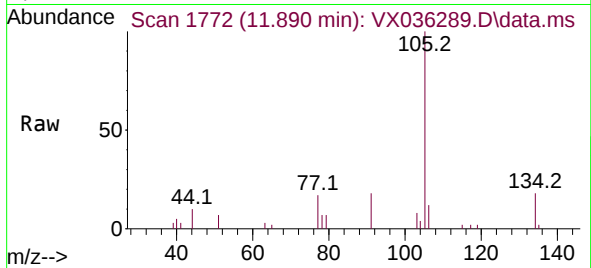




#85
 sec-Butylbenzene
 Concen: 0.309 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

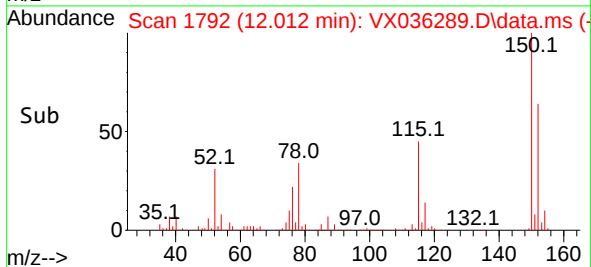
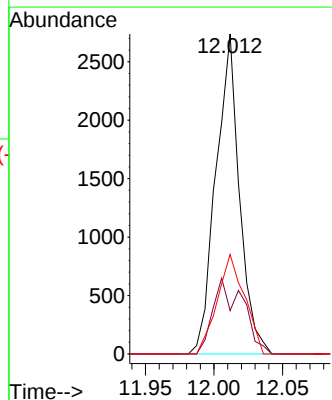
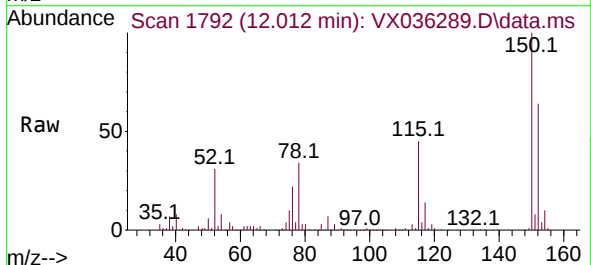
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

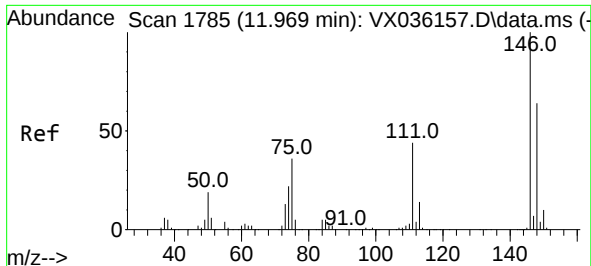
Tgt Ion:105 Resp: 3577
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.338 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Tgt Ion:119 Resp: 3275
 Ion Ratio Lower Upper
 119 100
 134 30.0 12.8 38.3
 91 36.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.501 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

IBLK

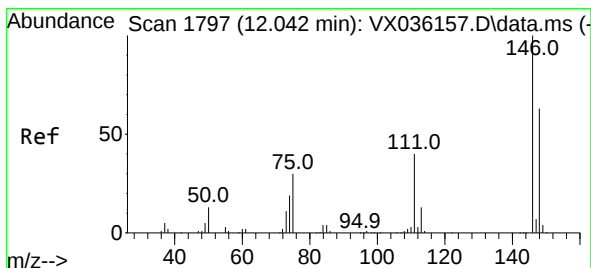
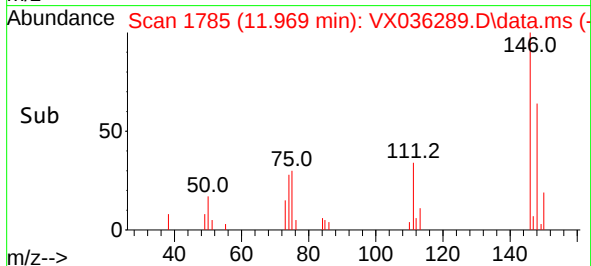
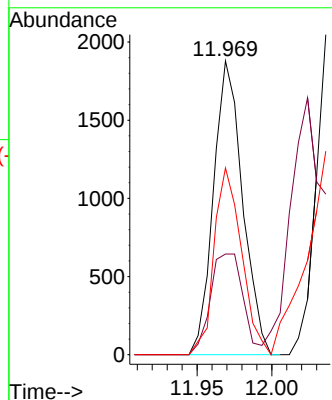
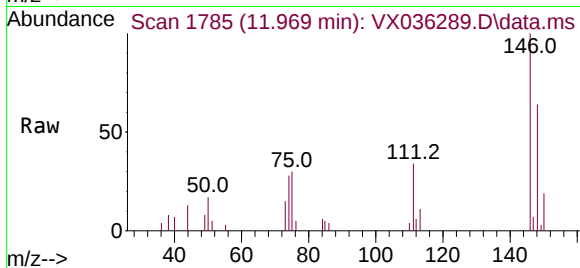
Tgt Ion:146 Resp: 2542

Ion Ratio Lower Upper

146 100

111 38.7 22.1 66.1

148 59.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.489 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

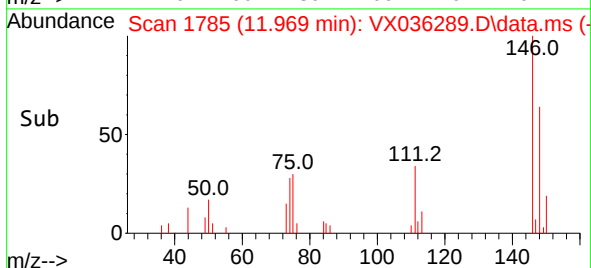
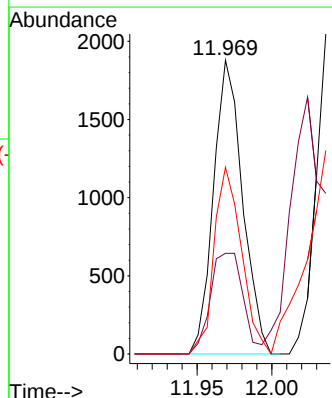
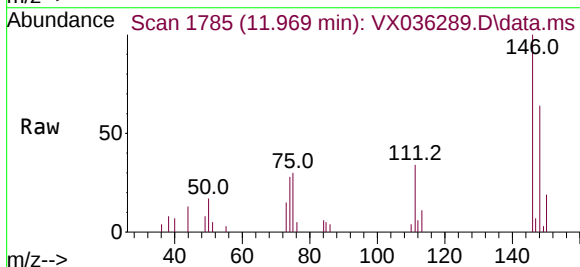
Tgt Ion:146 Resp: 2542

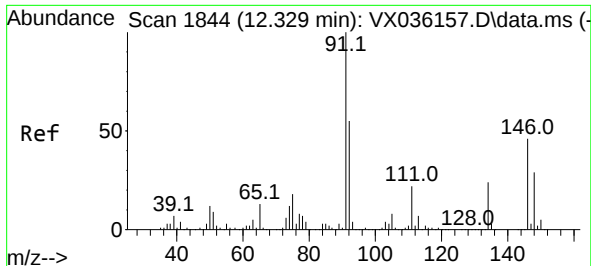
Ion Ratio Lower Upper

146 100

111 38.7 21.3 63.7

148 59.9 31.8 95.4





#89

n-Butylbenzene

Concen: 0.599 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX036289.D

Acq: 23 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

IBLK

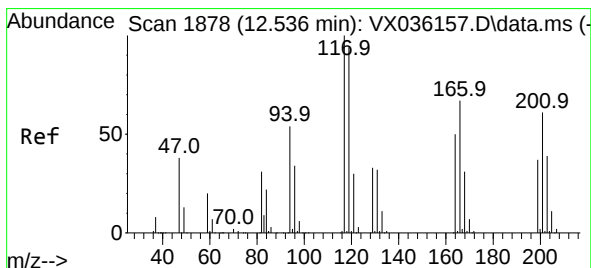
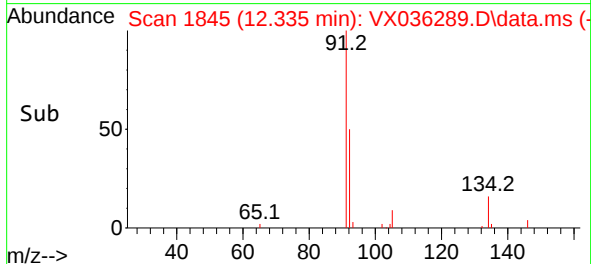
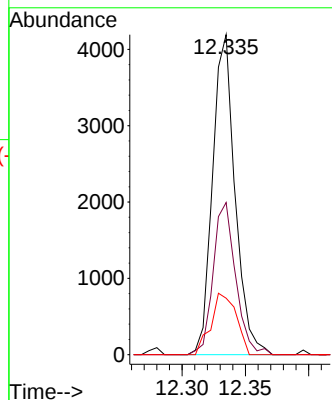
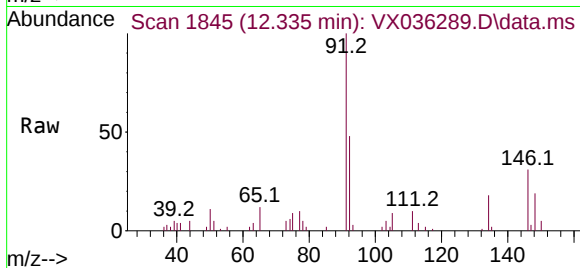
Tgt Ion: 91 Resp: 5180

Ion Ratio Lower Upper

91 100

92 47.6 27.4 82.0

134 21.5 12.6 37.8



#90

Hexachloroethane

Concen: 2.741 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX036289.D

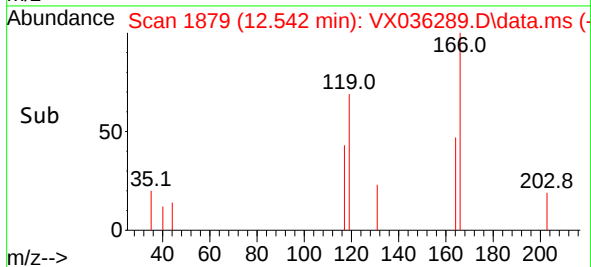
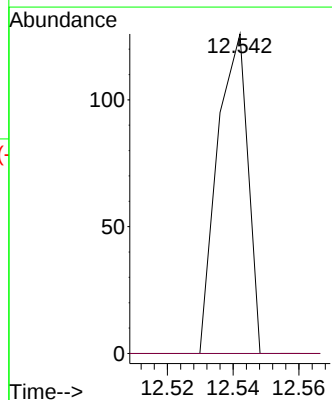
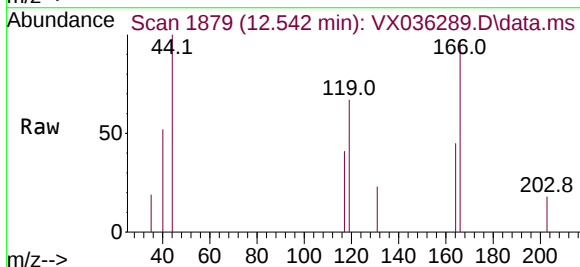
Acq: 23 Jun 2023 12:48

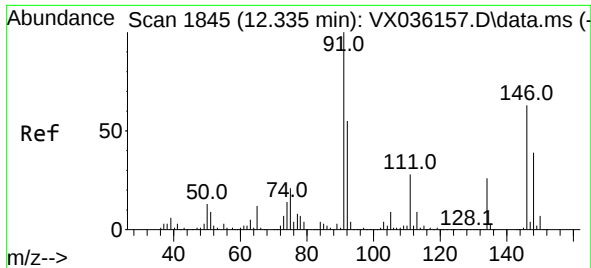
Tgt Ion: 117 Resp: 81

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

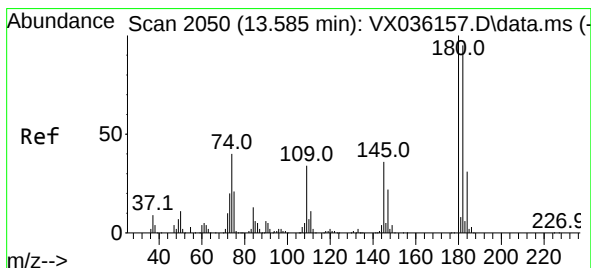
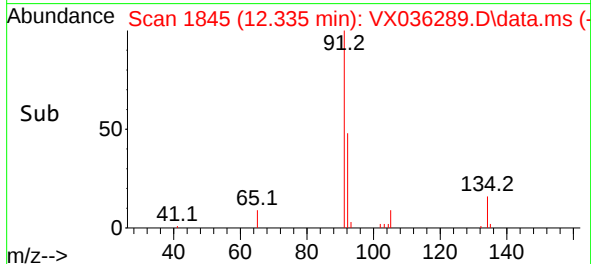
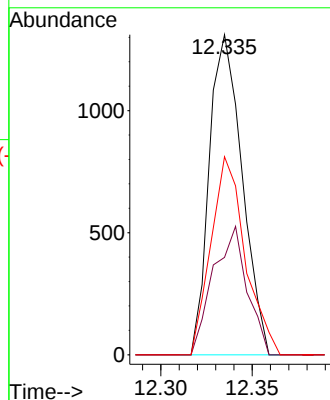
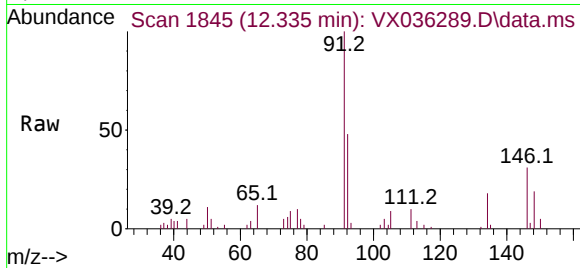




#91
1,2-Dichlorobenzene
Concen: 0.327 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

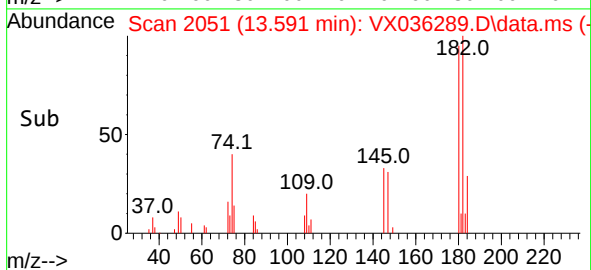
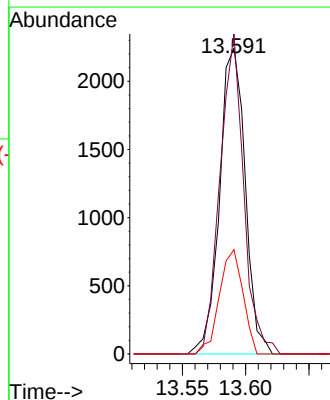
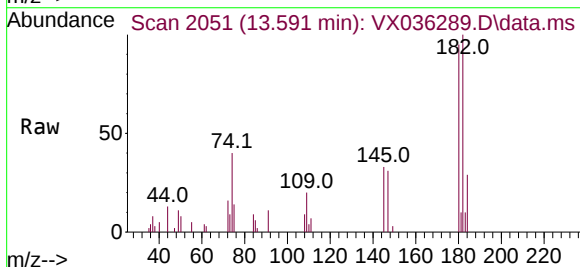
Instrument :
MSVOA_X
ClientSampleId :
IBLK

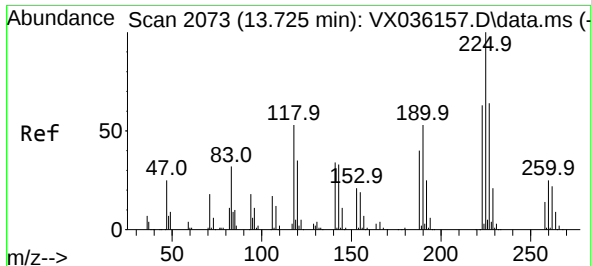
Tgt Ion:146 Resp: 1638
Ion Ratio Lower Upper
146 100
111 41.3 22.4 67.0
148 64.6 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 1.028 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion:180 Resp: 3158
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.8
145 31.4 18.0 54.0

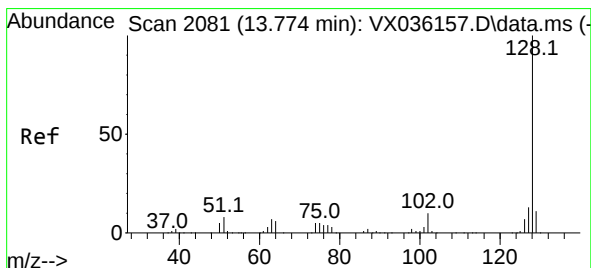
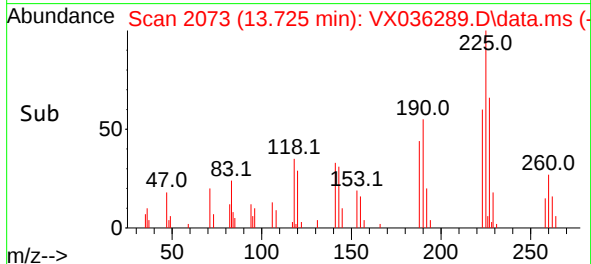
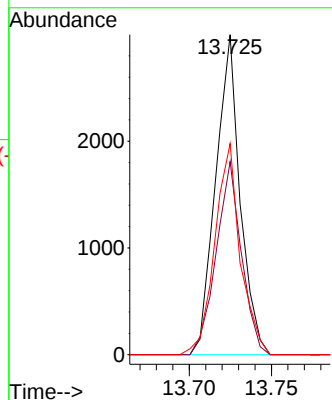
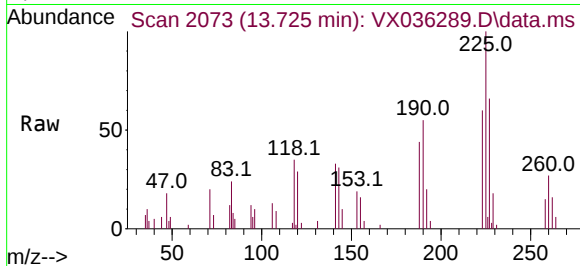




#94
Hexachlorobutadiene
Concen: 2.501 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

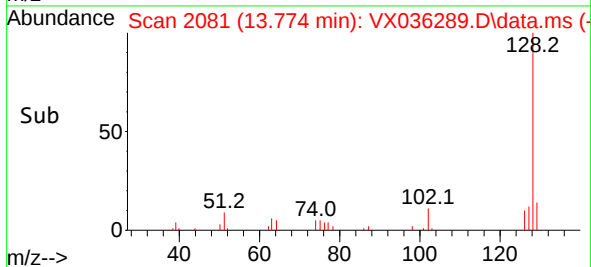
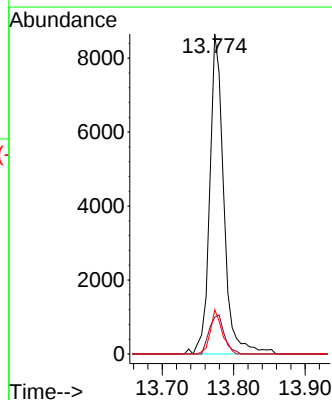
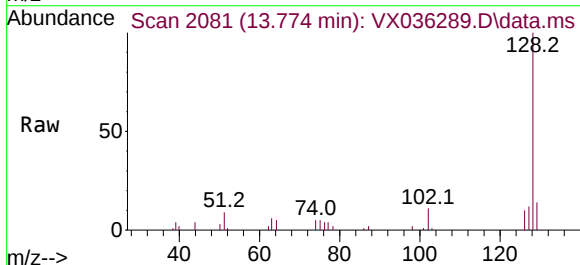
Instrument :
MSVOA_X
ClientSampleId :
IBLK

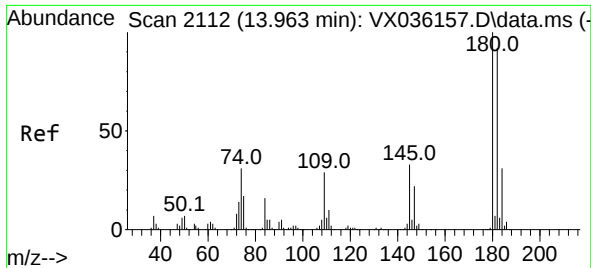
Tgt Ion:225 Resp: 3091
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.2
227 68.6 32.5 97.5



#95
Naphthalene
Concen: 1.160 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036289.D
Acq: 23 Jun 2023 12:48

Tgt Ion:128 Resp: 11827
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.107 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX036289.D
 Acq: 23 Jun 2023 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	3274
Ion	Ratio	Lower	Upper
180	100		
182	106.2	46.9	140.6
145	35.6	17.8	53.5

