

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033696.D
 Acq On : 11 Jan 2023 14:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 12 00:22:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81540	46.864	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	71803	48.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.647	98	268182	50.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	78220	39.306	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.620%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	340	0.260	ug/l	86
3) Chloromethane	1.294	50	308	0.210	ug/l	94
4) Vinyl Chloride	1.374	62	341	0.244	ug/l	98
5) Bromomethane	1.618	94	208	0.259	ug/l #	49
6) Chloroethane	1.697	64	182	0.210	ug/l #	77
7) Trichlorofluoromethane	1.886	101	548	0.241	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	516	1.107	ug/l	98
10) Methyl Iodide	2.453	142	662	0.361	ug/l #	90
11) Tert butyl alcohol	3.020	59	188	0.622	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	399	0.297	ug/l	89
13) Acrolein	2.233	56	327	1.173	ug/l #	81
15) Acrylonitrile	3.081	53	1038	1.305	ug/l #	89
16) Acetone	2.404	43	1966	Below Cal		93
17) Carbon Disulfide	2.514	76	5577	3.401	ug/l	97
20) Methylene Chloride	2.794	84	916	Below Cal	#	82
21) trans-1,2-Dichloroethene	3.093	96	1019	0.648	ug/l	88
23) Vinyl Acetate	3.733	43	1237	0.322	ug/l #	72
25) 2-Butanone	4.593	43	802	0.705	ug/l #	79
27) cis-1,2-Dichloroethene	4.501	96	422	0.234	ug/l	80
31) Cyclohexane	5.464	56	727	0.284	ug/l	90
36) 1,1-Dichloropropene	5.690	75	834	0.388	ug/l #	85
37) Ethyl Acetate	4.733	43	1058	Below Cal	#	80
38) Carbon Tetrachloride	5.550	117	14459	6.502	ug/l #	15
39) Methylcyclohexane	7.373	83	873	0.329	ug/l #	85
44) Trichloroethene	7.135	130	623	0.356	ug/l	93
46) Dibromomethane	7.586	93	308	0.281	ug/l	93
52) Toluene	8.720	92	867	0.215	ug/l	81
58) 2-Chloroethyl Vinyl ether	8.257	63	470	0.424	ug/l #	44
59) 2-Hexanone	9.445	43	573	0.395	ug/l	64
64) Tetrachloroethene	9.275	164	709	Below Cal		88
65) Chlorobenzene	10.079	112	741	0.237	ug/l	97
67) Ethyl Benzene	10.195	91	1265	0.235	ug/l #	85
68) m/p-Xylenes	10.305	106	1045	0.497	ug/l	88
70) Styrene	10.665	104	839	0.247	ug/l	94
73) Isopropylbenzene	10.963	105	1171	Below Cal		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	148	Below Cal	#	42

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

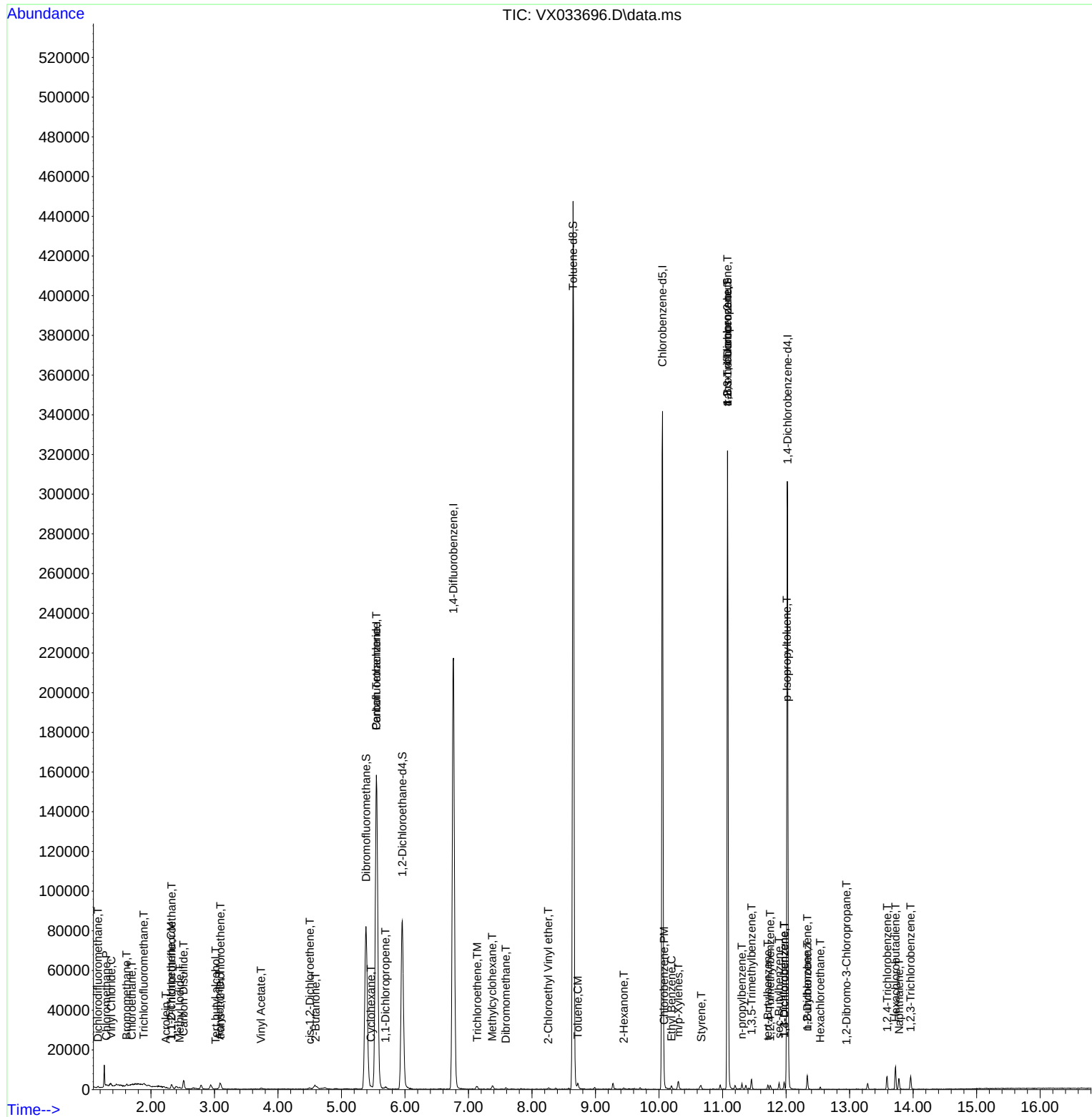
76) 1,2,3-Trichloropropane	11.079	75	39438	33.348 ug/l #	34
77) Bromobenzene	11.195	156	401	Below Cal	76
78) n-propylbenzene	11.305	91	1988	0.379 ug/l	90
79) 2-Chlorotoluene	11.366	91	1099	Below Cal	95
80) 1,3,5-Trimethylbenzene	11.457	105	1109	0.286 ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	39438	103.641 ug/l #	8
82) 4-Chlorotoluene	11.457	91	1665	Below Cal	92
83) tert-Butylbenzene	11.713	119	979	0.255 ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	1191	0.325 ug/l	92
85) sec-Butylbenzene	11.890	105	1843	0.401 ug/l	95
86) p-Isopropyltoluene	12.012	119	1719	0.437 ug/l #	84
87) 1,3-Dichlorobenzene	11.969	146	1263	0.581 ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	1263	0.570 ug/l	97
89) n-Butylbenzene	12.335	91	2278	0.707 ug/l	95
90) Hexachloroethane	12.536	117	173	0.267 ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	875	0.417 ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	66	0.251 ug/l #	22
93) 1,2,4-Trichlorobenzene	13.591	180	2074	1.467 ug/l	97
94) Hexachlorobutadiene	13.725	225	1800	2.599 ug/l	95
95) Naphthalene	13.780	128	3978	0.978 ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1929	1.364 ug/l	99

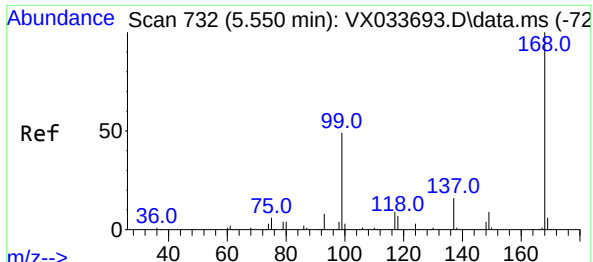
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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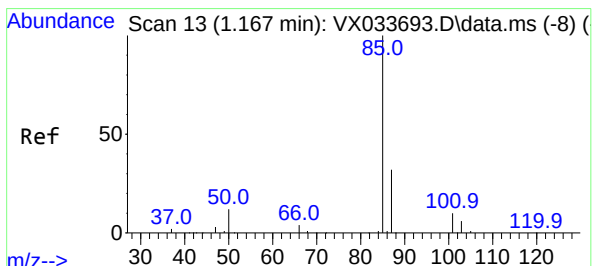
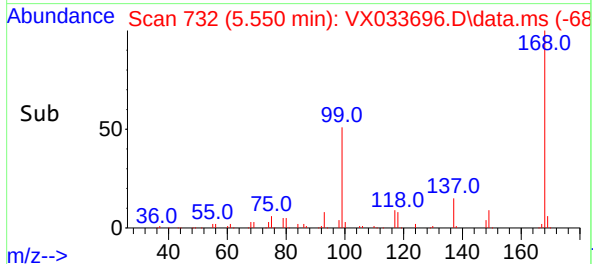
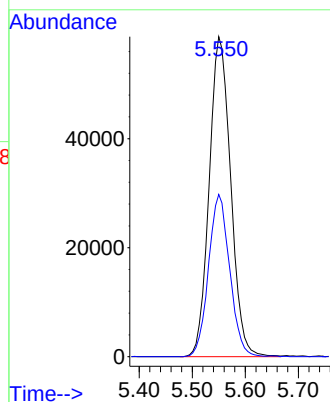
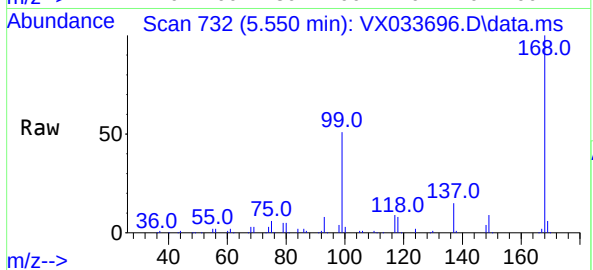




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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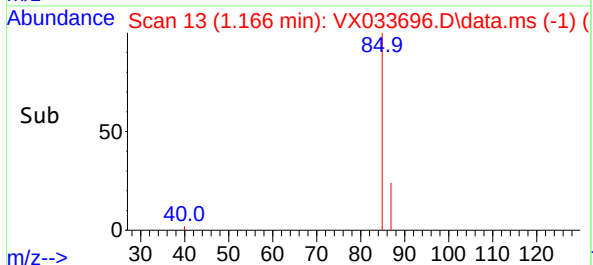
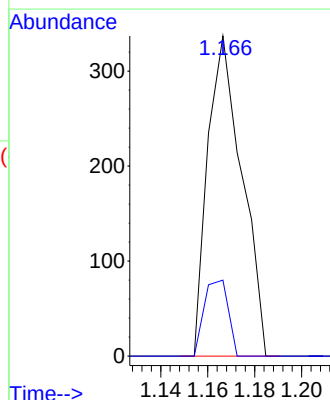
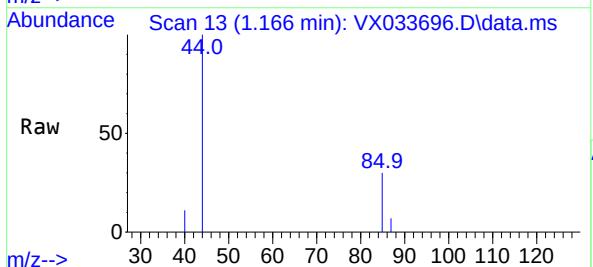
Instrument :
MSVOA_X
ClientSampleId :
IBLK

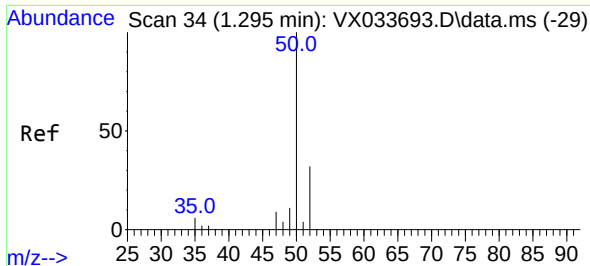
Tgt Ion:168 Resp: 165251
Ion Ratio Lower Upper
168 100
99 50.7 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.260 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 85 Resp: 340
Ion Ratio Lower Upper
85 100
87 23.7 15.8 47.4

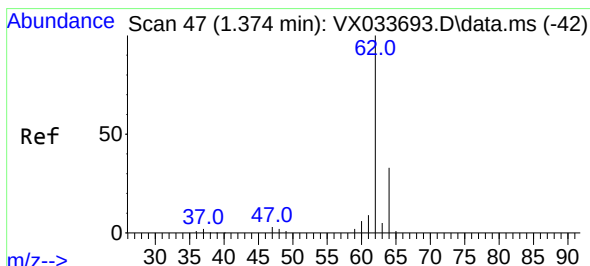
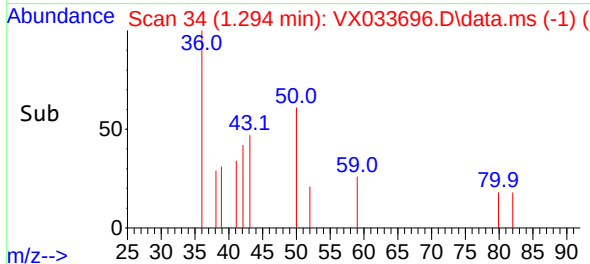
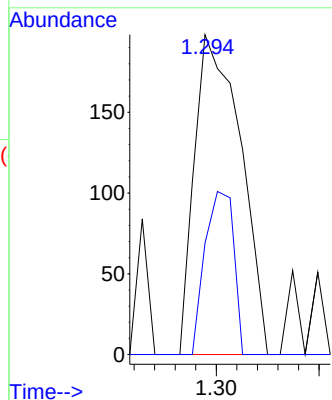
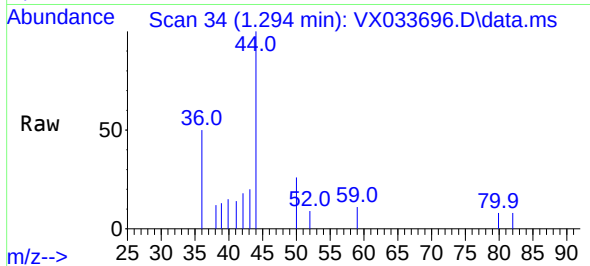




#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

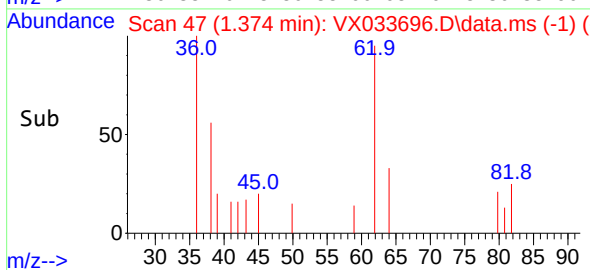
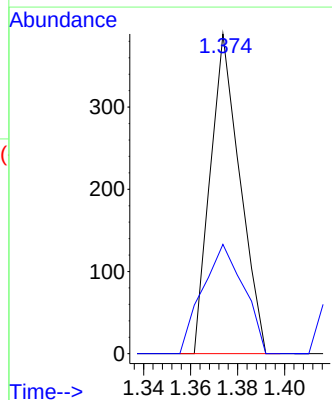
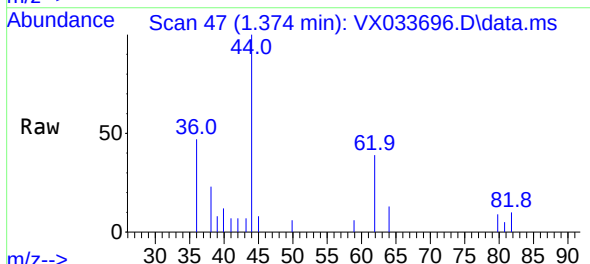
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 50 Resp: 308
Ion Ratio Lower Upper
50 100
52 34.8 25.2 37.8

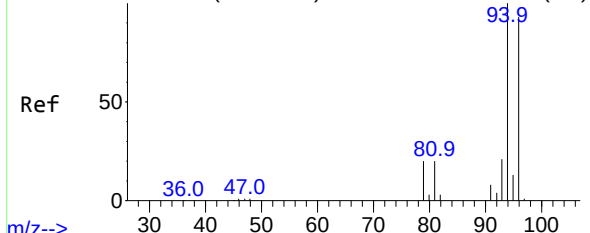


#4
Vinyl Chloride
Concen: 0.244 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

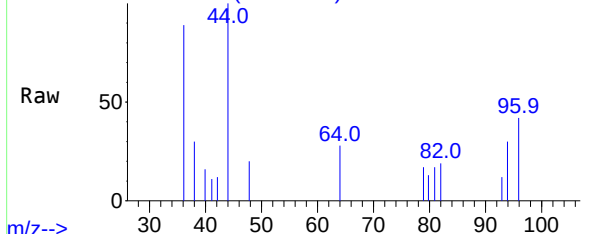
Tgt Ion: 62 Resp: 341
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.4



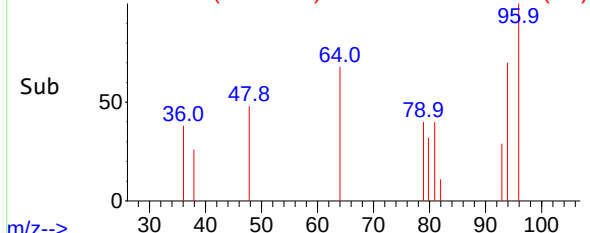
Abundance Scan 87 (1.618 min): VX033693.D\data.ms (-81)



m/z--> Scan 87 (1.618 min): VX033696.D\data.ms



m/z--> Abundance Scan 87 (1.618 min): VX033696.D\data.ms (-38)



m/z-->

#5

Bromomethane

Concen: 0.259 ug/l

RT: 1.618 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX033696.D

Acq: 11 Jan 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

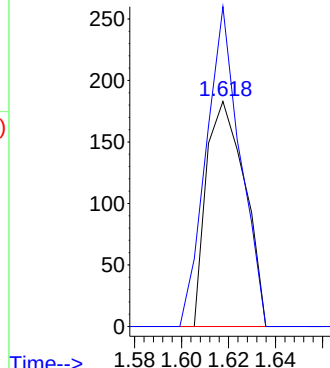
Tgt Ion: 94 Resp: 208

Ion Ratio Lower Upper

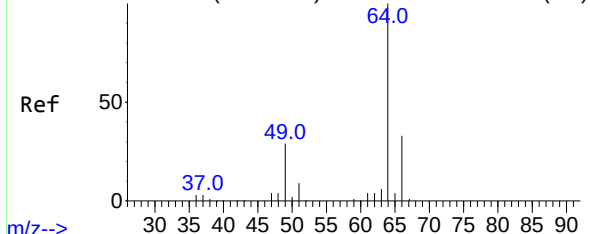
94 100

96 142.1 74.3 111.5#

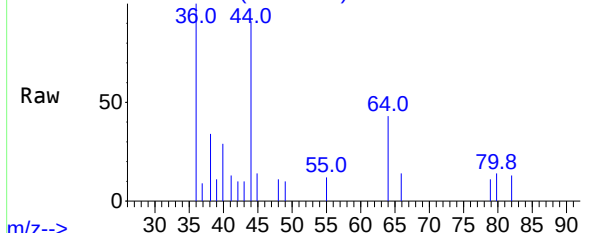
Abundance



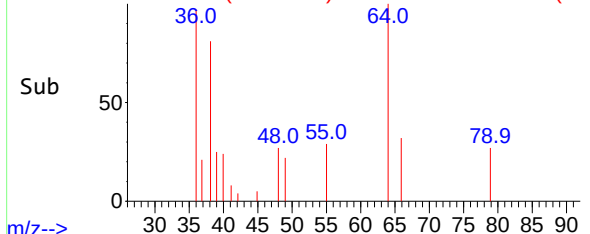
Abundance Scan 99 (1.691 min): VX033693.D\data.ms (-90)



m/z--> Scan 100 (1.697 min): VX033696.D\data.ms



m/z--> Abundance Scan 100 (1.697 min): VX033696.D\data.ms (-50)



m/z-->

#6

Chloroethane

Concen: 0.210 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.006 min

Lab File: VX033696.D

Acq: 11 Jan 2023 14:06

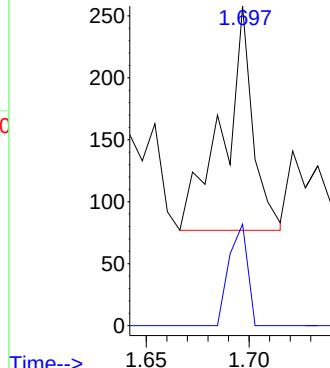
Tgt Ion: 64 Resp: 182

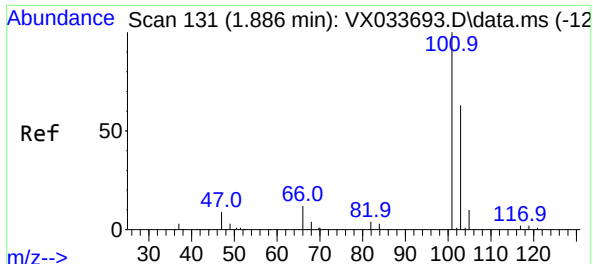
Ion Ratio Lower Upper

64 100

66 45.3 26.1 39.1#

Abundance

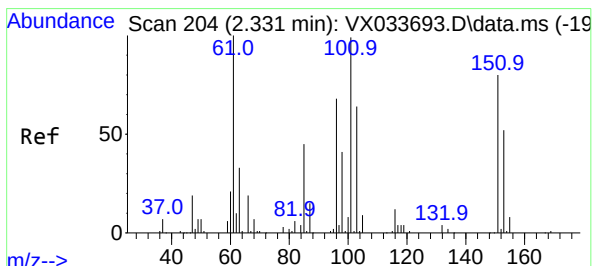
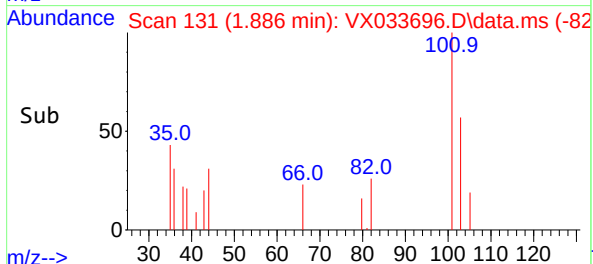
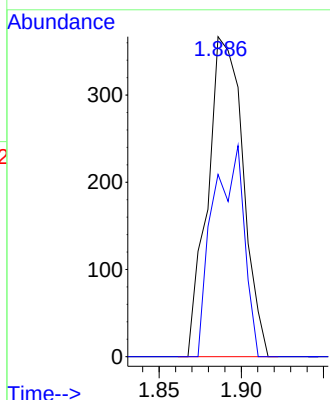
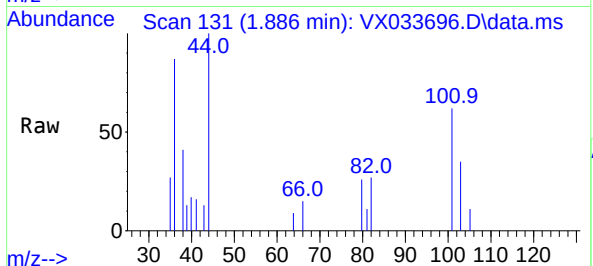




#7
Trichlorofluoromethane
Concen: 0.241 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

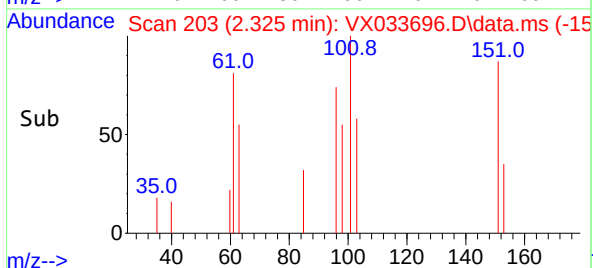
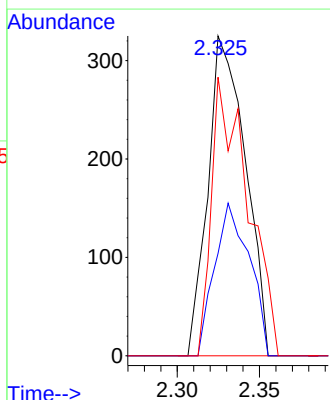
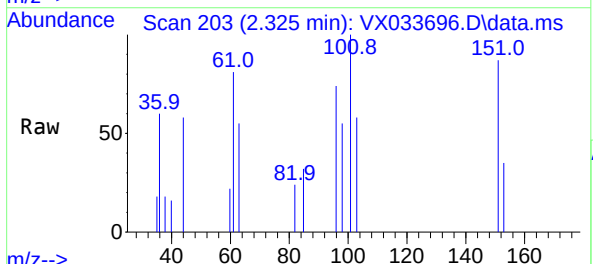
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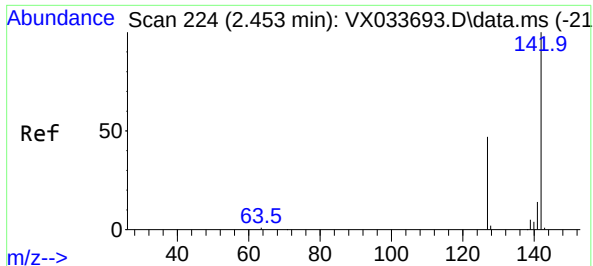
Tgt Ion:101 Resp: 548
Ion Ratio Lower Upper
101 100
103 56.9 50.6 75.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.107 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

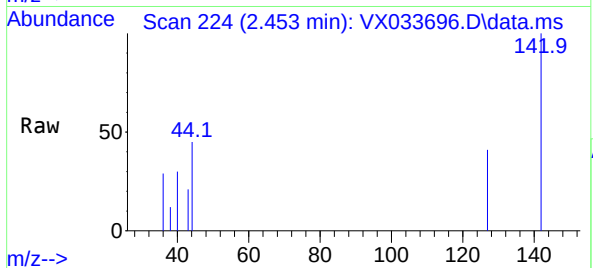
Tgt Ion:101 Resp: 516
Ion Ratio Lower Upper
101 100
85 44.2 36.7 55.1
151 83.9 66.5 99.7





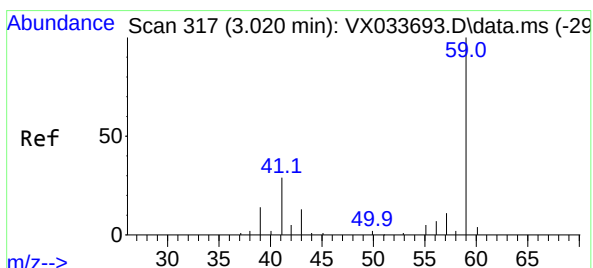
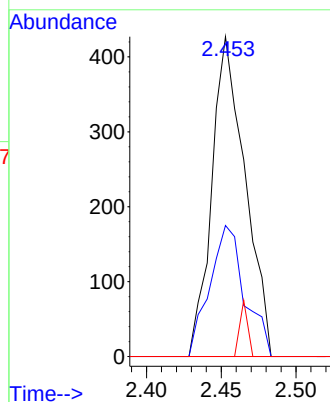
#10
Methyl Iodide
Concen: 0.361 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
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Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 662

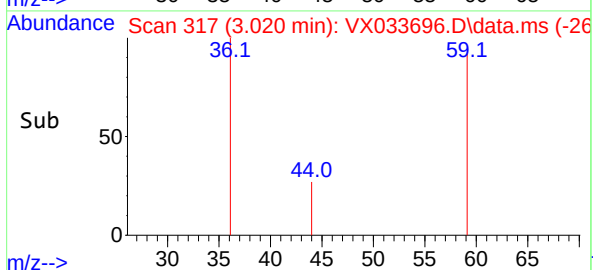
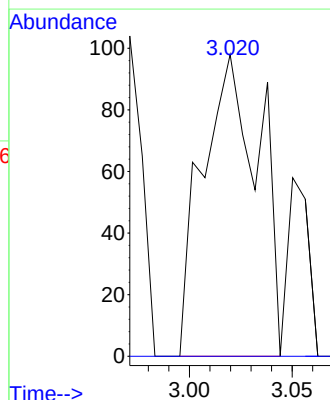
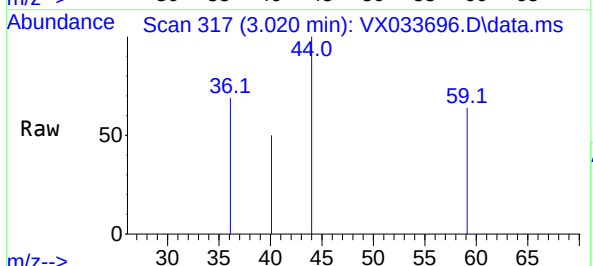
Ion	Ratio	Lower	Upper
142	100		
127	43.1	37.3	55.9
141	4.1	11.5	17.3#

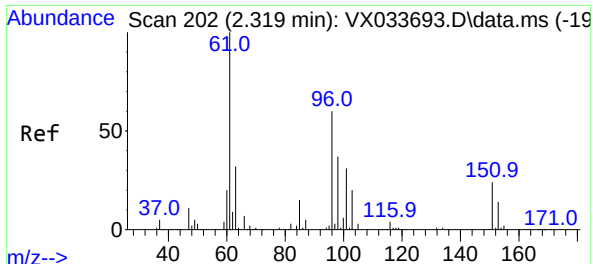


#11
Tert butyl alcohol
Concen: 0.622 ug/l
RT: 3.020 min Scan# 317
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 59 Resp: 188

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.7	5.5#

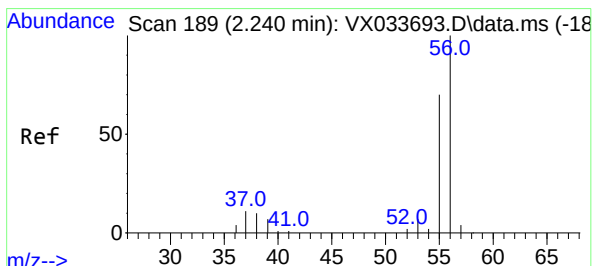
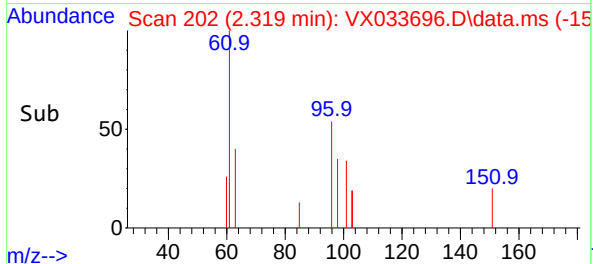
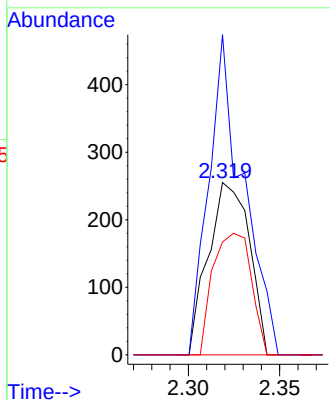
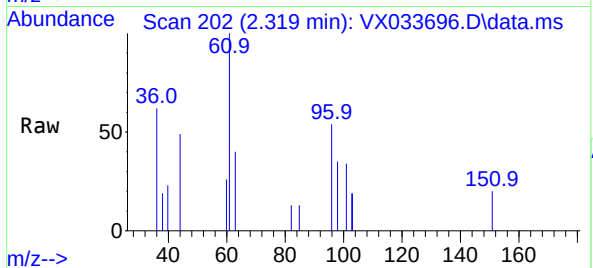




#12
1,1-Dichloroethene
Concen: 0.297 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033696.D
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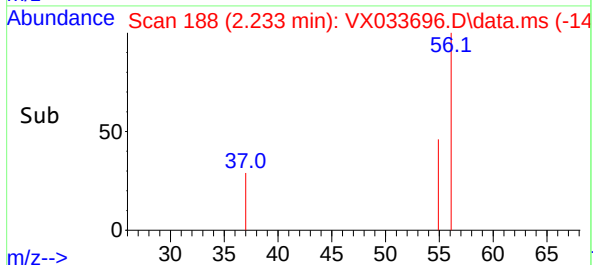
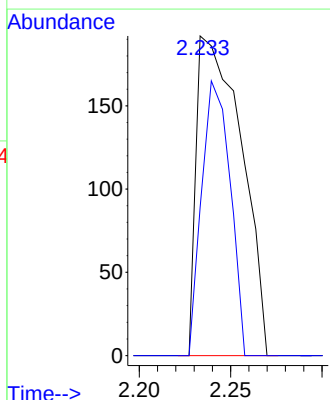
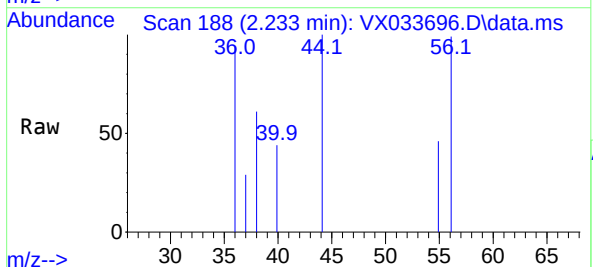
Instrument :
MSVOA_X
ClientSampleId :
IBLK

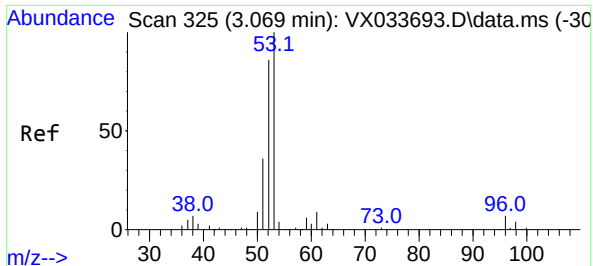
Tgt Ion: 96 Resp: 399
Ion Ratio Lower Upper
96 100
61 185.9 134.2 201.4
98 65.5 50.2 75.2



#13
Acrolein
Concen: 1.173 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 56 Resp: 327
Ion Ratio Lower Upper
56 100
55 54.4 56.3 84.5#





#15

Acrylonitrile

Concen: 1.305 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX033696.D

Acq: 11 Jan 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

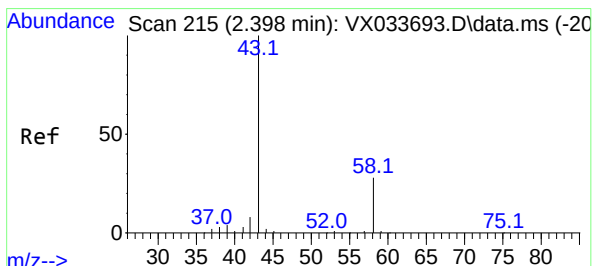
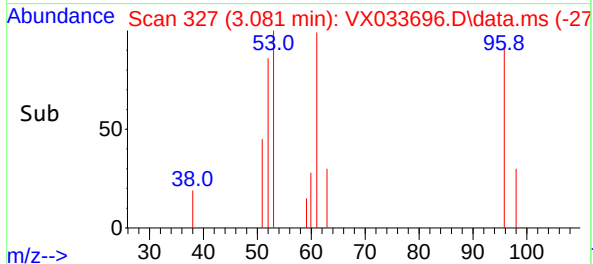
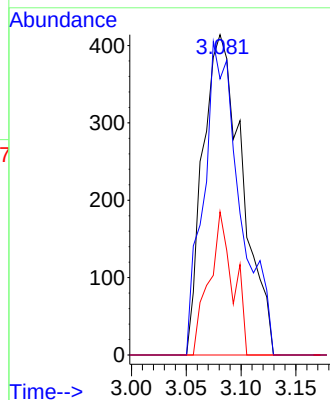
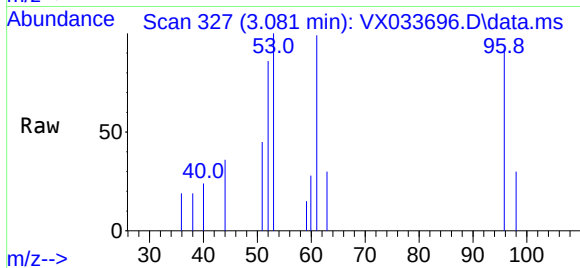
Tgt Ion: 53 Resp: 1038

Ion Ratio Lower Upper

53 100

52 90.3 65.7 98.5

51 26.9 29.0 43.4#



#16

Acetone

Concen: Below Cal

RT: 2.404 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX033696.D

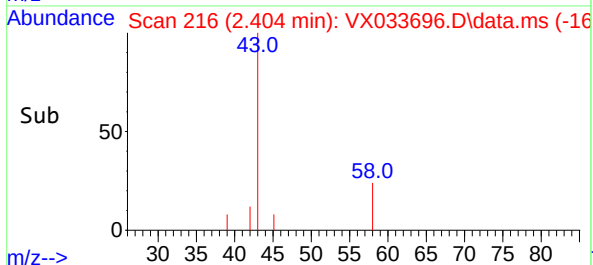
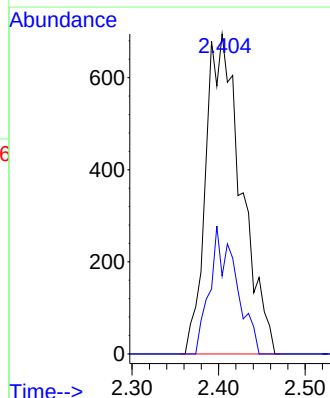
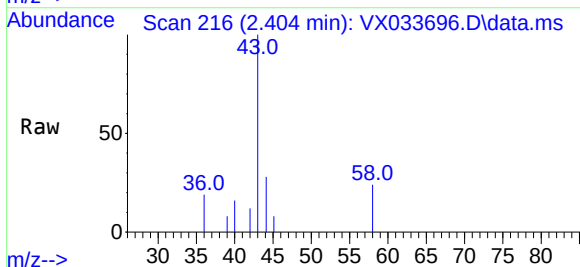
Acq: 11 Jan 2023 14:06

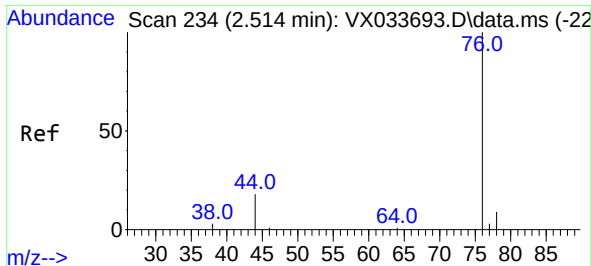
Tgt Ion: 43 Resp: 1966

Ion Ratio Lower Upper

43 100

58 24.3 22.6 33.8

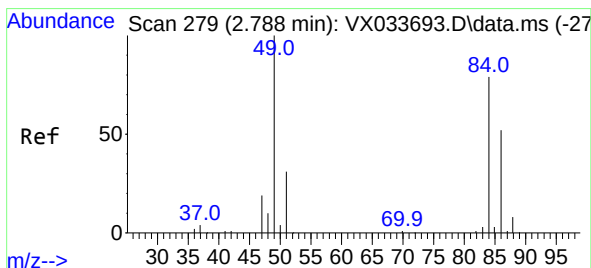
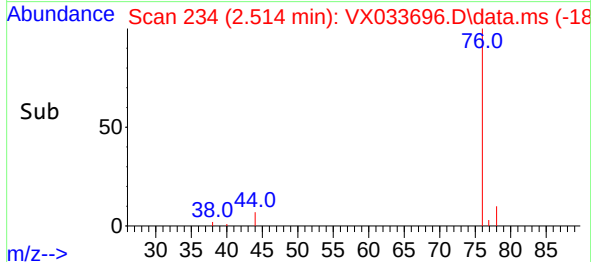
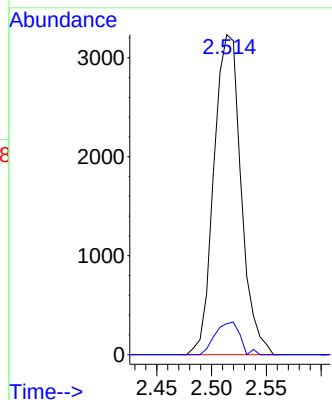
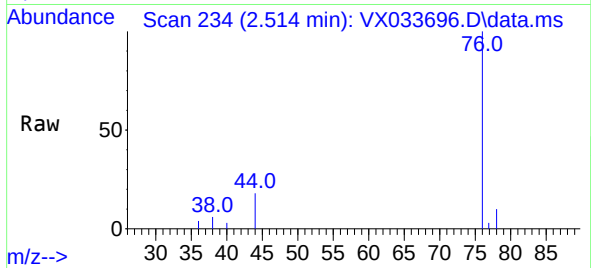




#17
Carbon Disulfide
Concen: 3.401 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

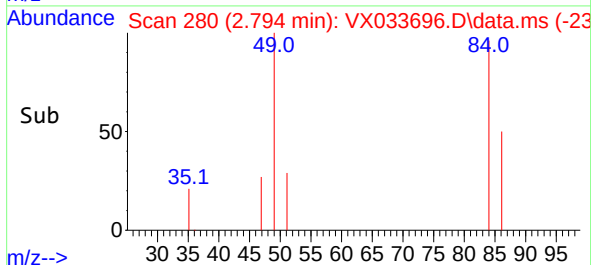
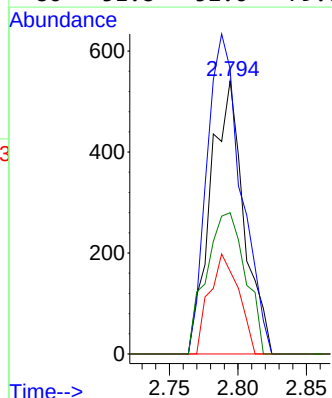
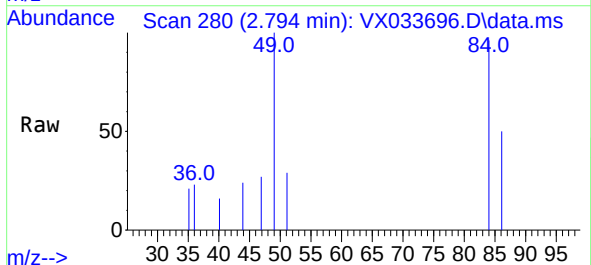
Instrument :
MSVOA_X
ClientSampleId :
IBLK

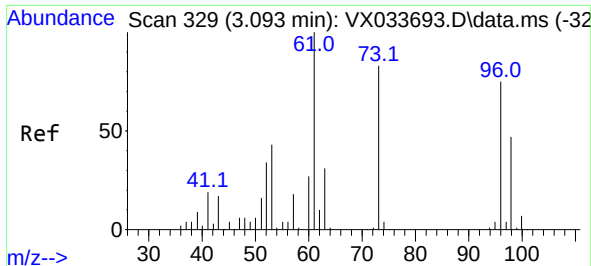
Tgt Ion: 76 Resp: 5577
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

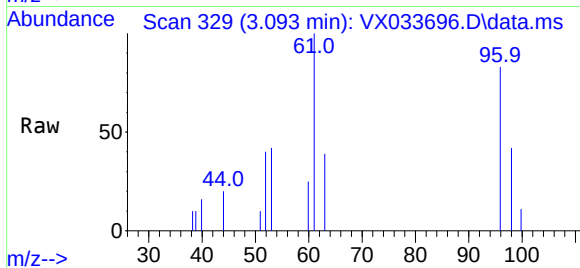
Tgt Ion: 84 Resp: 916
Ion Ratio Lower Upper
84 100
49 104.4 101.1 151.7
51 30.3 31.0 46.6#
86 51.8 52.6 79.0#



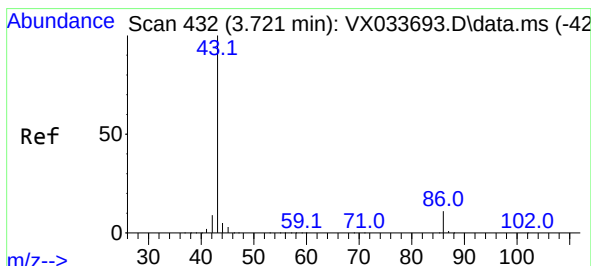
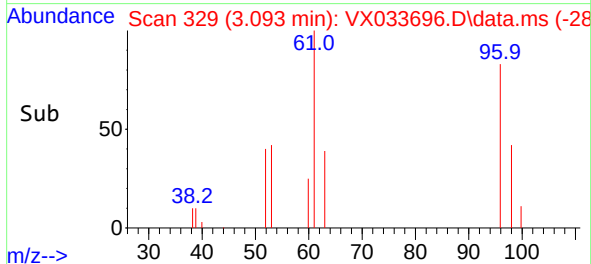
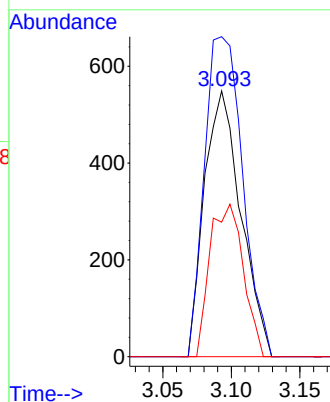


#21
trans-1,2-Dichloroethene
Concen: 0.648 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
IBLK

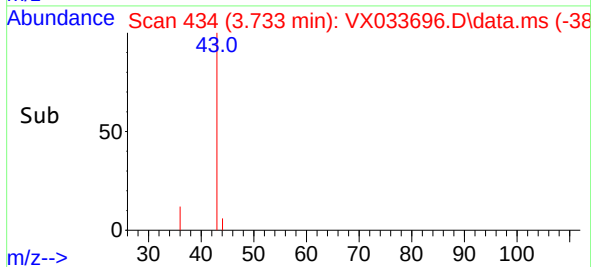
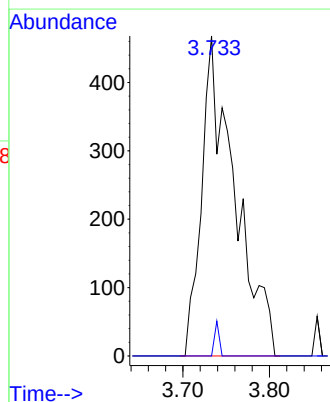
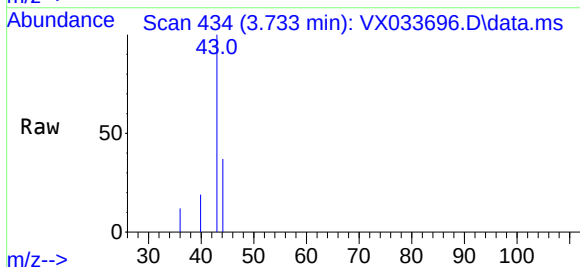


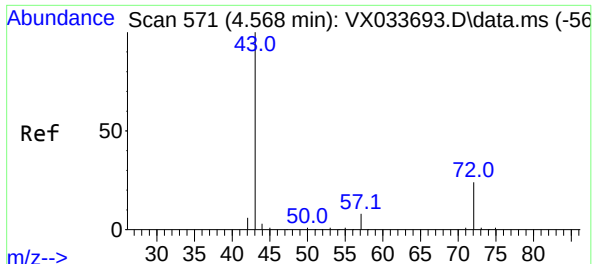
Tgt Ion: 96 Resp: 1019
Ion Ratio Lower Upper
96 100
61 120.4 106.7 160.1
98 50.6 50.0 75.0



#23
Vinyl Acetate
Concen: 0.322 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
86 0.0 8.4 12.6#

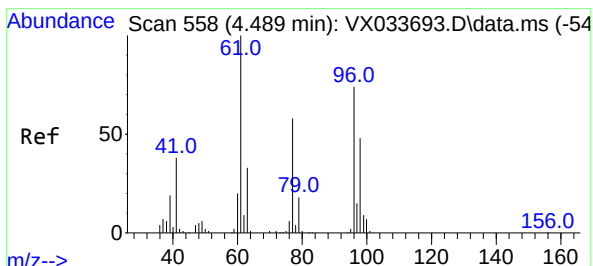
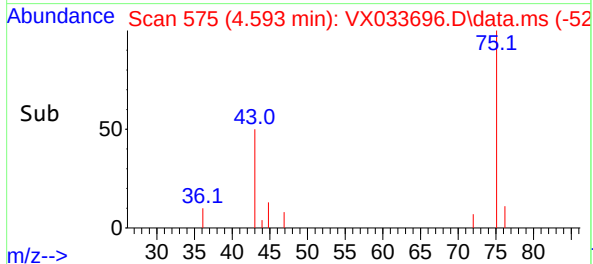
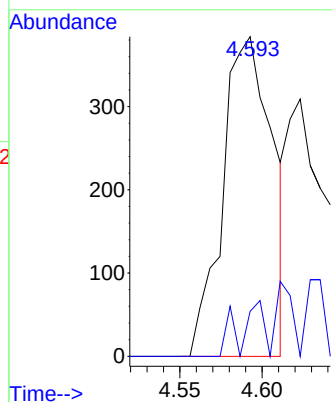
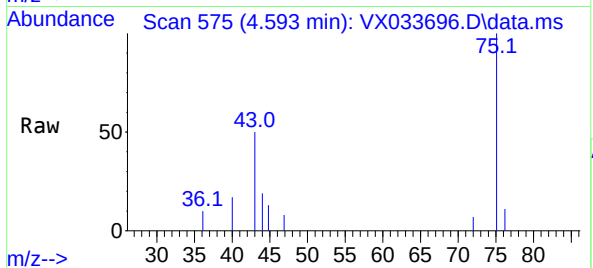




#25
2-Butanone
Concen: 0.705 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

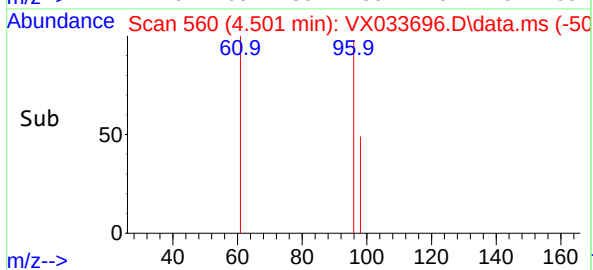
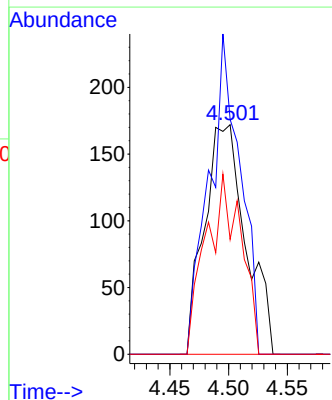
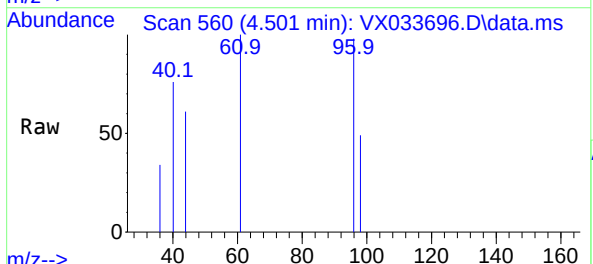
Instrument :
MSVOA_X
ClientSampleId :
IBLK

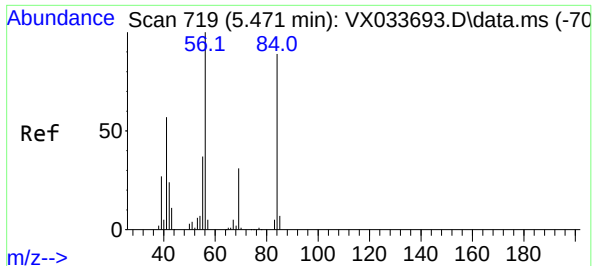
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
72 14.1 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.234 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 96 Resp: 422
Ion Ratio Lower Upper
96 100
61 105.0 0.0 277.6
98 66.6 0.0 128.0



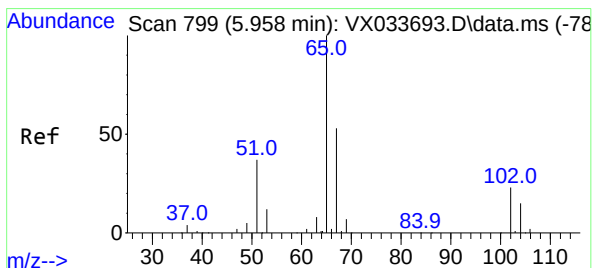
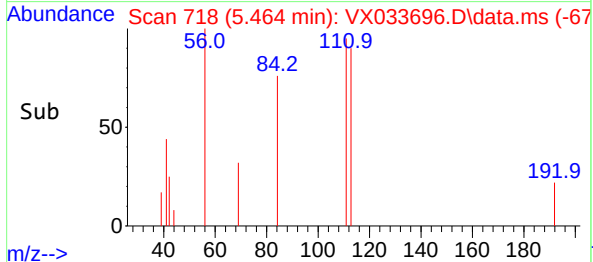
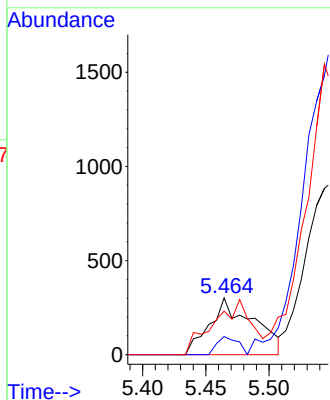
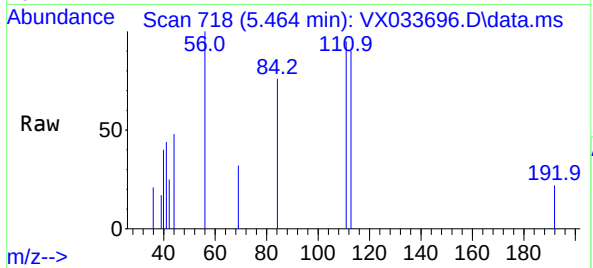


#31
Cyclohexane
Concen: 0.284 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 727

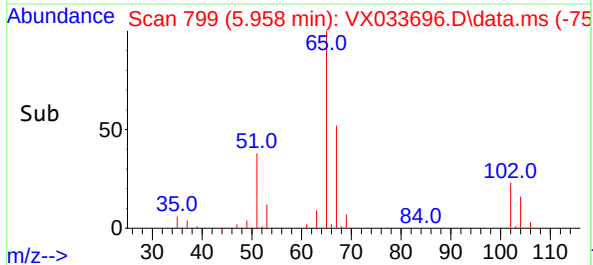
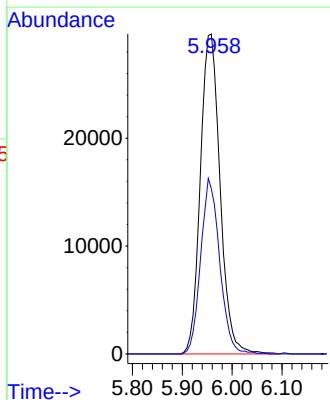
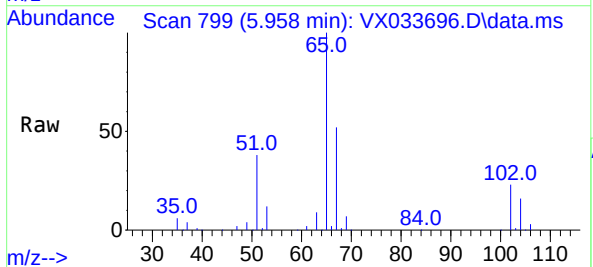
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.6	37.0
84	76.5	71.0	106.6

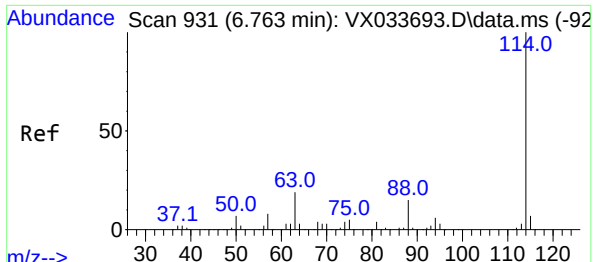


#33
1,2-Dichloroethane-d4
Concen: 46.864 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 65 Resp: 81540

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8

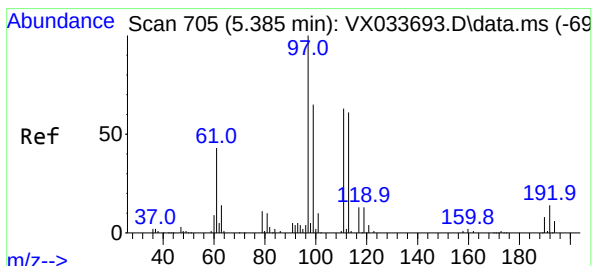
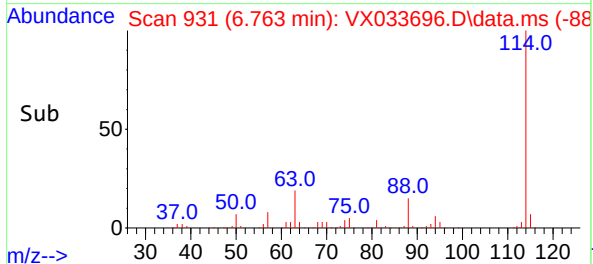
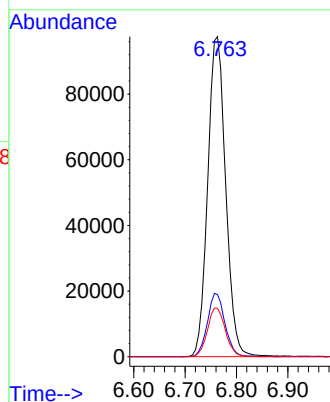
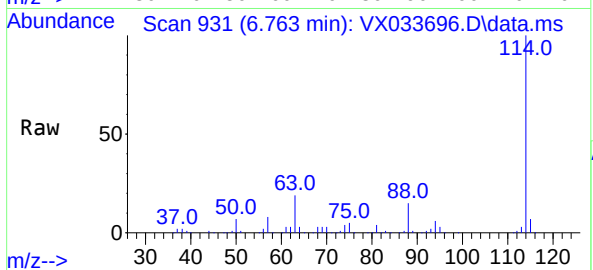




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

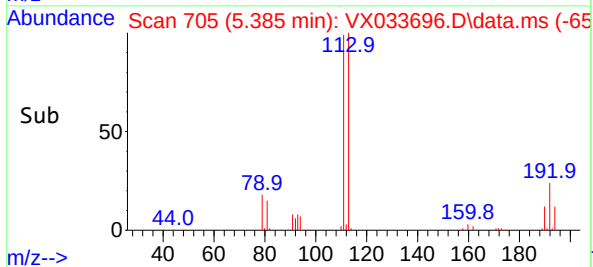
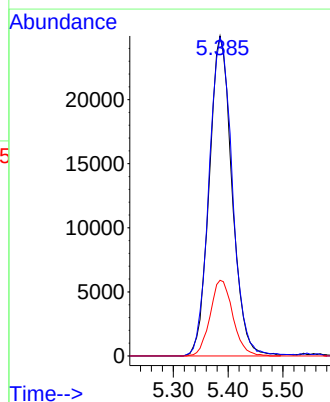
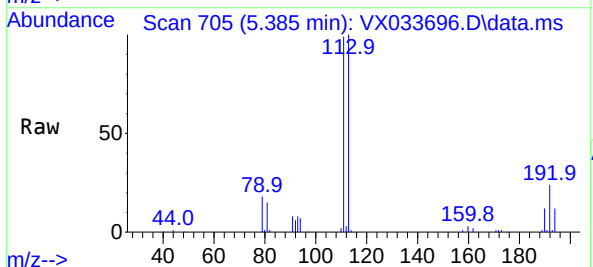
Instrument :
MSVOA_X
ClientSampleId :
IBLK

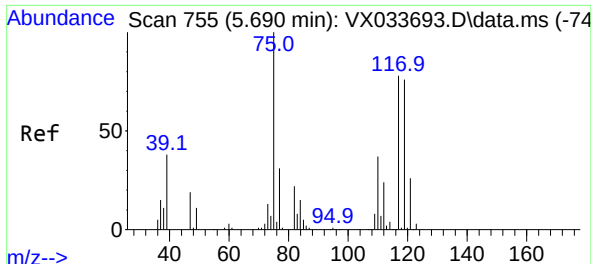
Tgt Ion:114 Resp: 236907
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.810 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:113 Resp: 71803
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 23.7 19.0 28.4





#36

1,1-Dichloropropene

Concen: 0.388 ug/l

RT: 5.690 min Scan# 75

Delta R.T. -0.000 min

Lab File: VX033696.D

Acq: 11 Jan 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

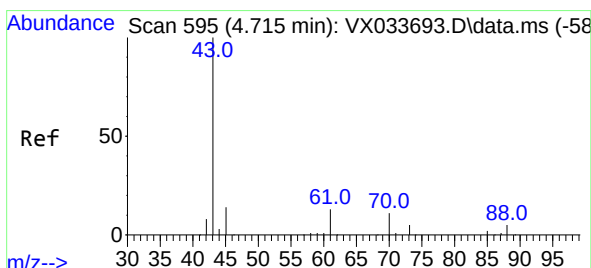
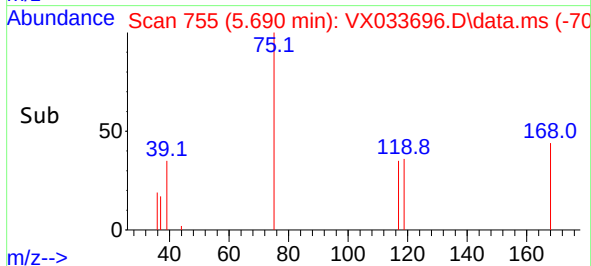
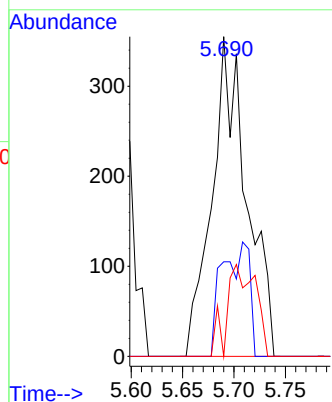
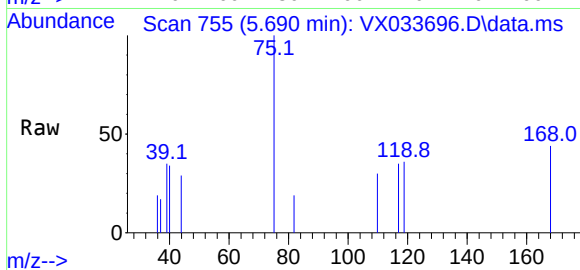
Tgt Ion: 75 Resp: 834

Ion Ratio Lower Upper

75 100

110 28.1 18.8 56.4

77 23.9 25.1 37.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.733 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX033696.D

Acq: 11 Jan 2023 14:06

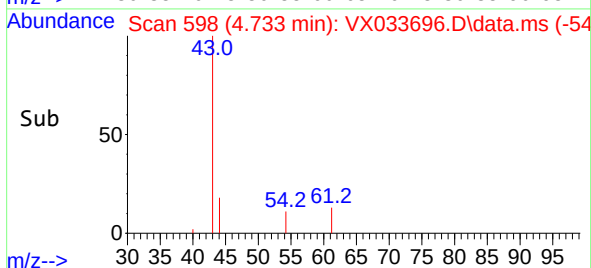
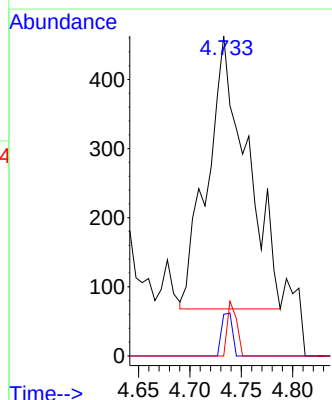
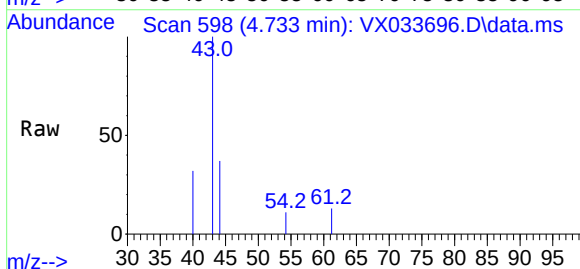
Tgt Ion: 43 Resp: 1058

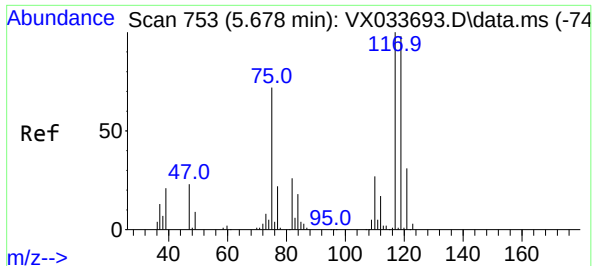
Ion Ratio Lower Upper

43 100

61 4.3 11.1 16.7#

70 4.6 8.5 12.7#

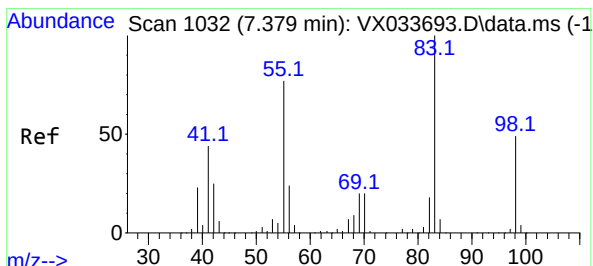
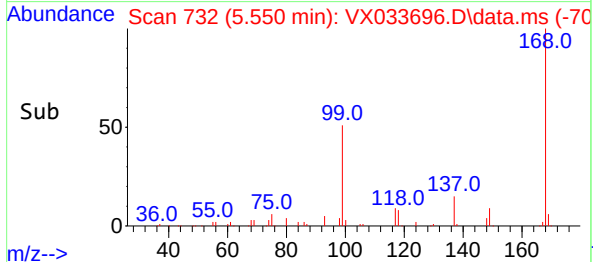
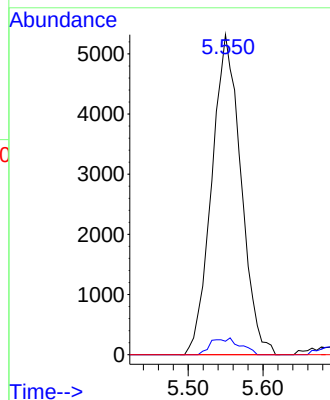
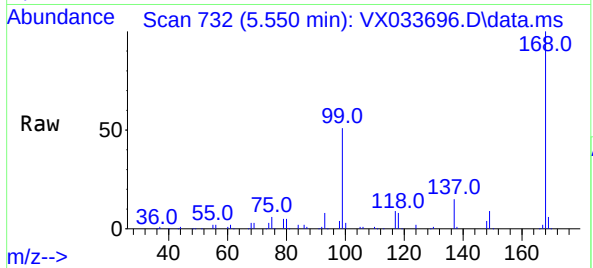




#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

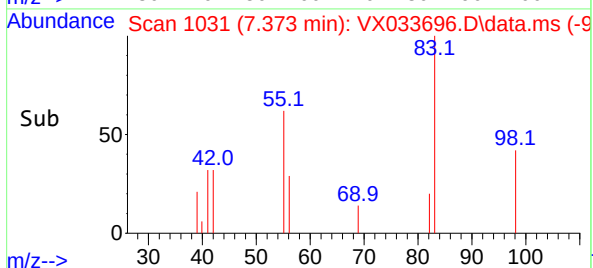
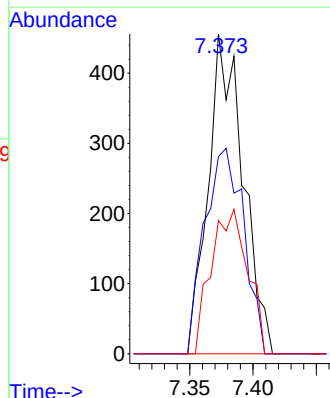
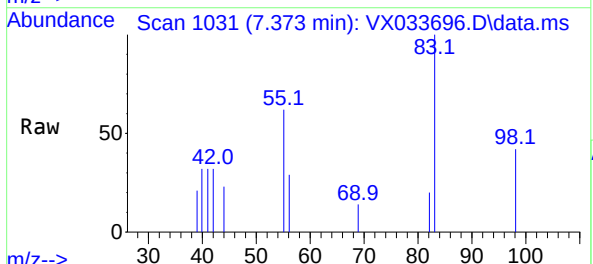
Instrument :
MSVOA_X
ClientSampleId :
IBLK

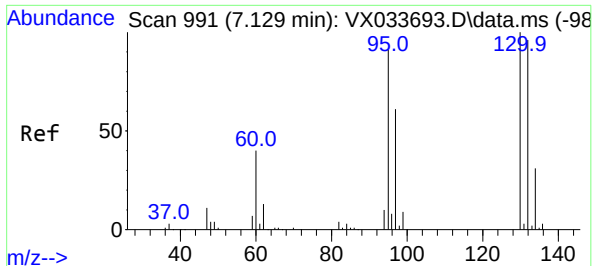
Tgt Ion:117 Resp: 14459
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.329 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 83 Resp: 873
Ion Ratio Lower Upper
83 100
55 61.6 61.8 92.6#
98 41.7 39.3 58.9

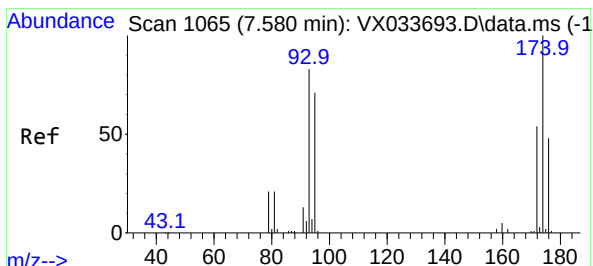
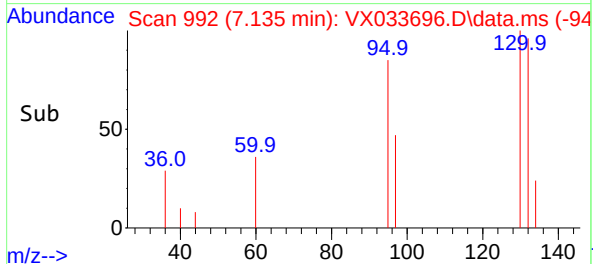
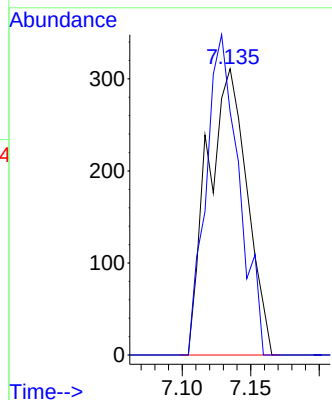
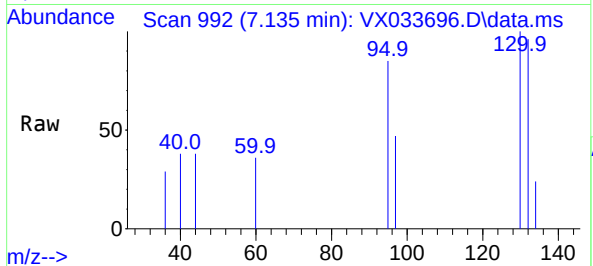




#44
Trichloroethene
Concen: 0.356 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

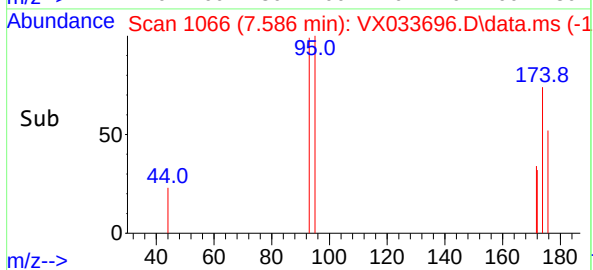
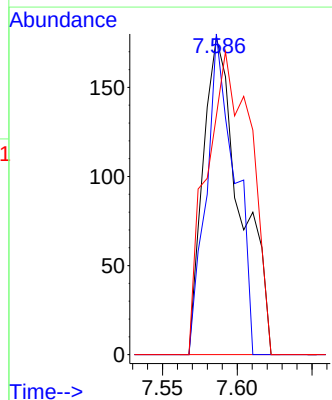
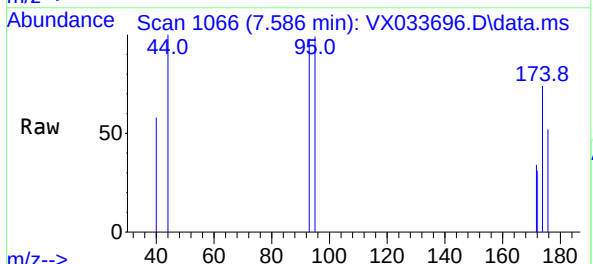
Instrument :
MSVOA_X
ClientSampleId :
IBLK

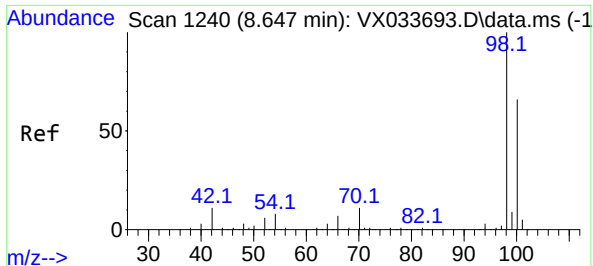
Tgt Ion:130 Resp: 623
Ion Ratio Lower Upper
130 100
95 84.9 0.0 182.6



#46
Dibromomethane
Concen: 0.281 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 93 Resp: 308
Ion Ratio Lower Upper
93 100
95 77.9 67.6 101.4
174 114.3 97.4 146.0

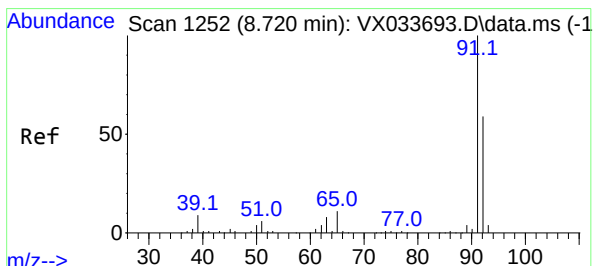
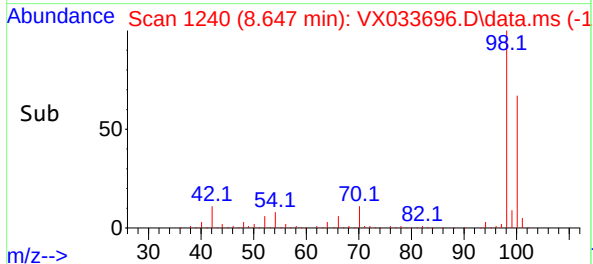
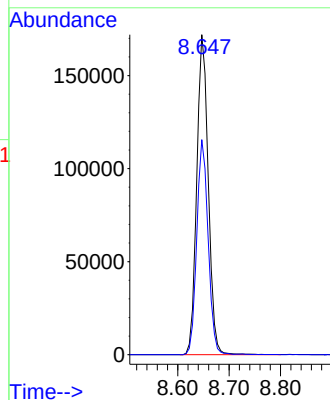
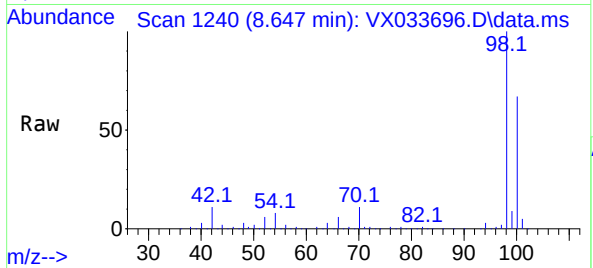




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

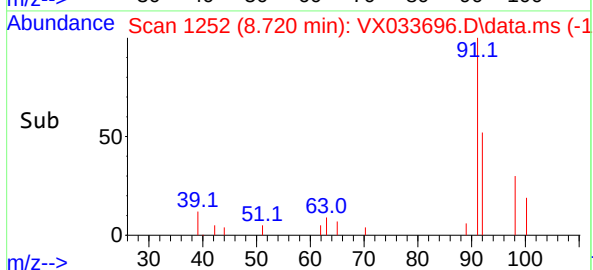
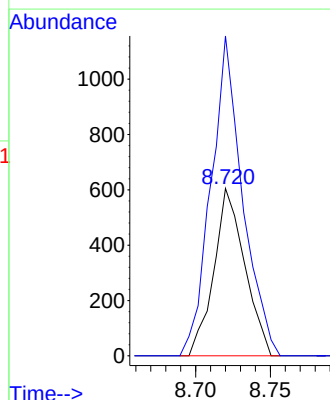
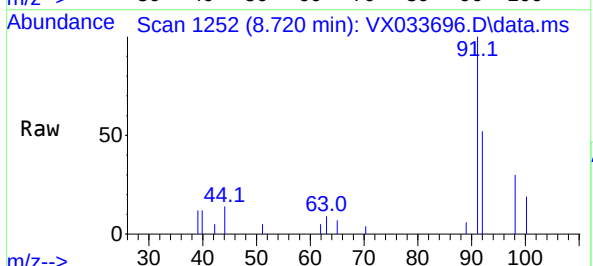
Instrument :
MSVOA_X
ClientSampleId :
IBLK

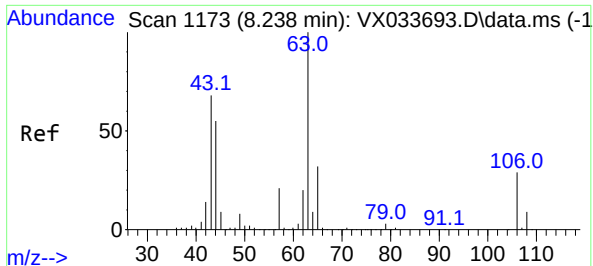
Tgt Ion: 98 Resp: 268182
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#52
Toluene
Concen: 0.215 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 92 Resp: 867
Ion Ratio Lower Upper
92 100
91 196.0 135.5 203.3

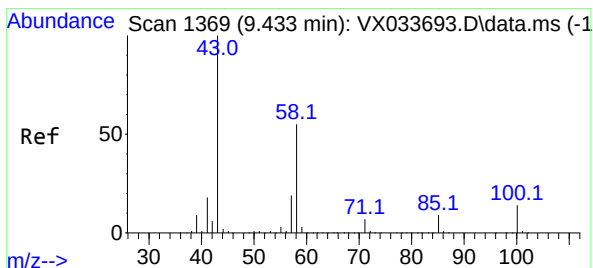
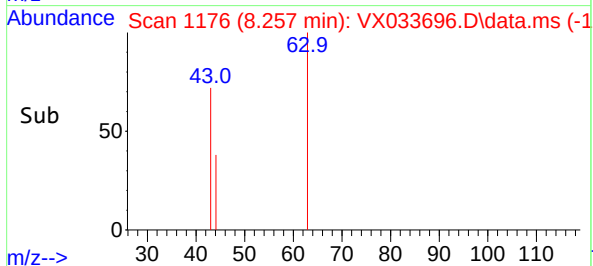
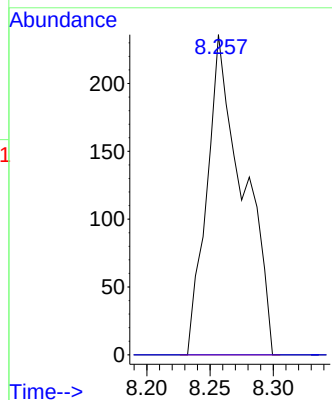
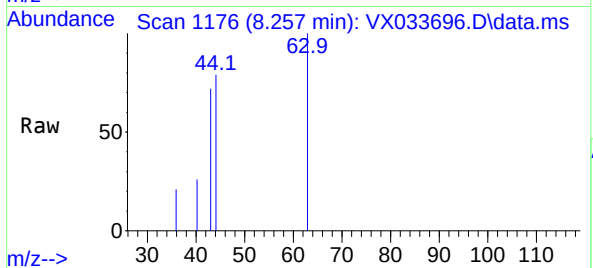




#58
2-Chloroethyl Vinyl ether
Concen: 0.424 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

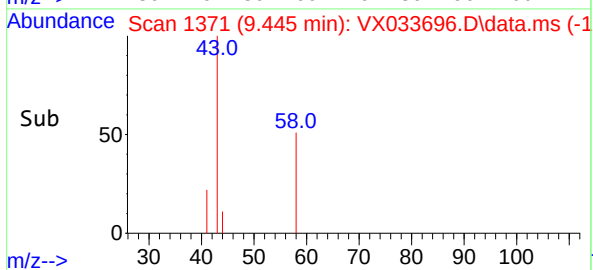
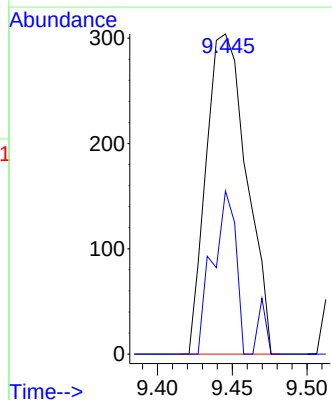
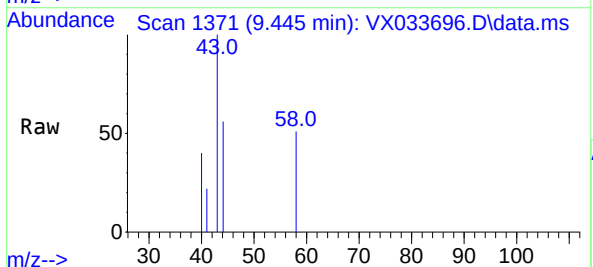
Instrument :
MSVOA_X
ClientSampleId :
IBLK

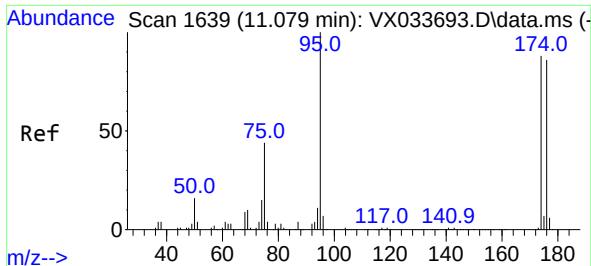
Tgt Ion: 63 Resp: 470
Ion Ratio Lower Upper
63 100
106 0.0 24.5 36.7#



#59
2-Hexanone
Concen: 0.395 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 29.0 27.4 82.0

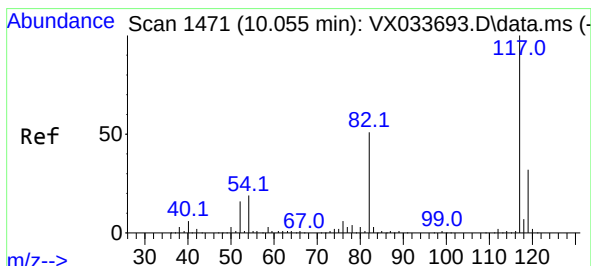
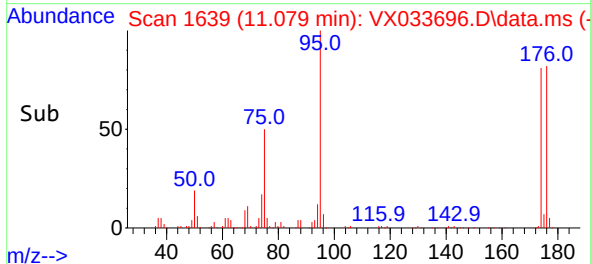
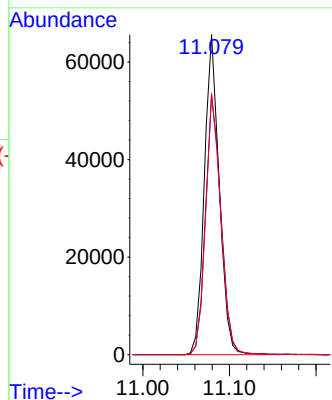
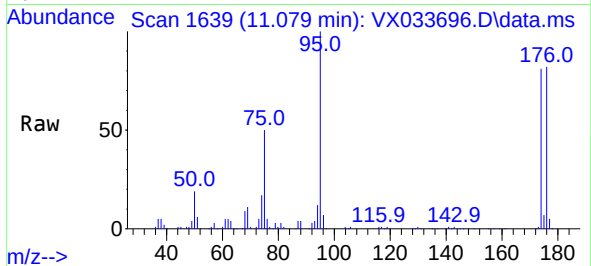




#62
4-Bromofluorobenzene
Concen: 39.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

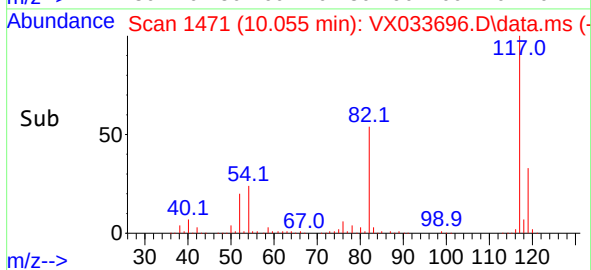
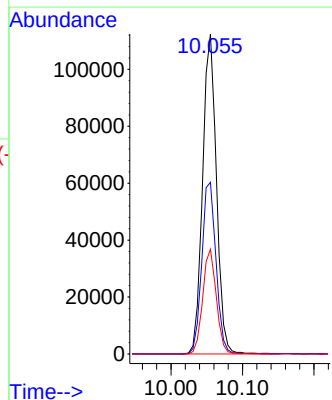
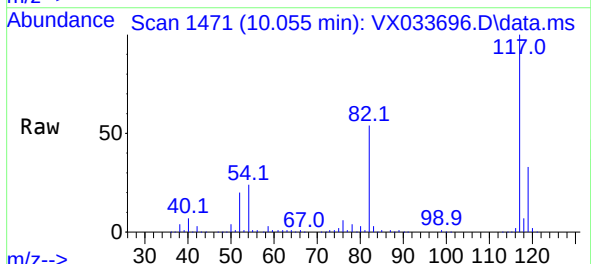
Instrument :
MSVOA_X
ClientSampleId :
IBLK

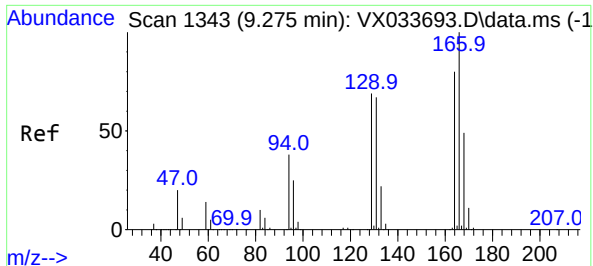
Tgt Ion: 95 Resp: 78220
Ion Ratio Lower Upper
95 100
174 84.7 0.0 184.4
176 83.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 117 Resp: 151316
Ion Ratio Lower Upper
117 100
82 53.7 40.6 60.8
119 32.8 25.6 38.4



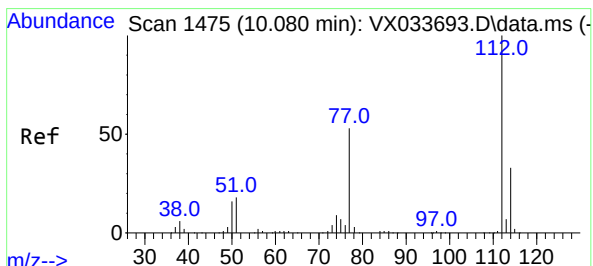
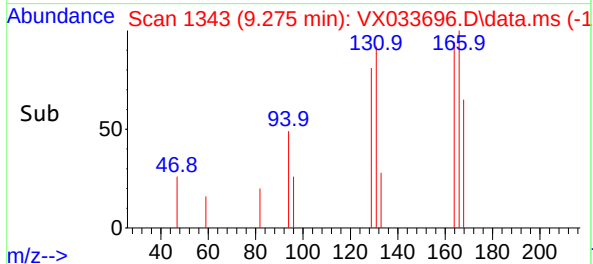
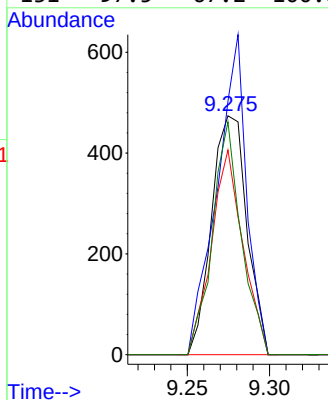
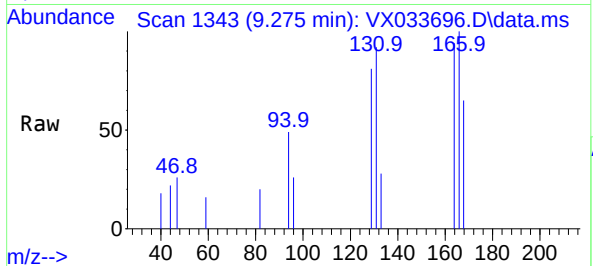


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 709

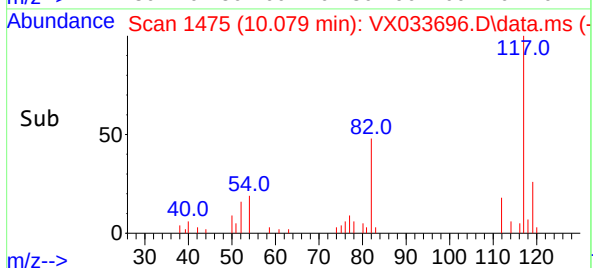
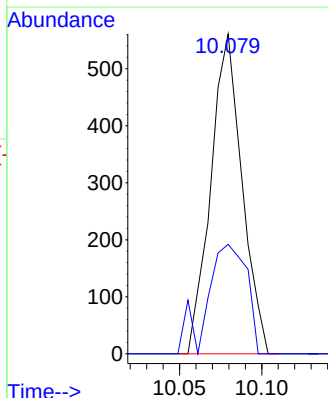
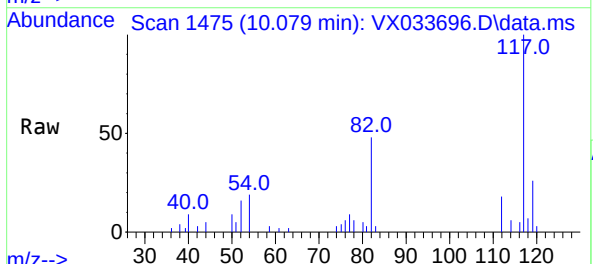
Ion	Ratio	Lower	Upper
164	100		
166	106.1	100.2	150.2
129	85.7	69.2	103.8
131	97.5	67.2	100.8

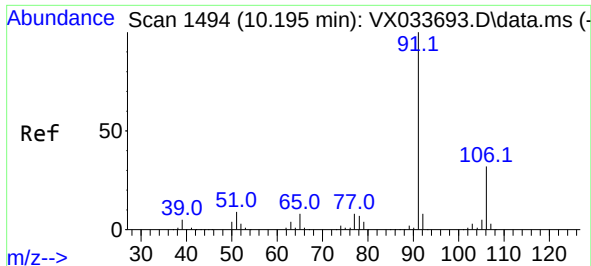


#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:112 Resp: 741

Ion	Ratio	Lower	Upper
112	100		
114	34.2	26.2	39.4





#67

Ethyl Benzene

Concen: 0.235 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033696.D

Acq: 11 Jan 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

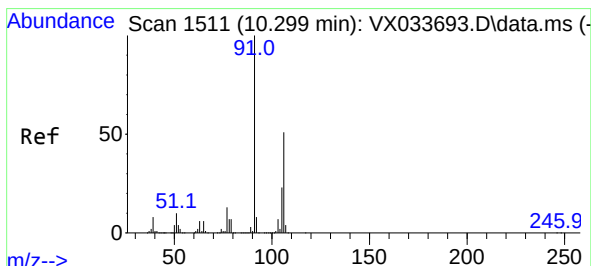
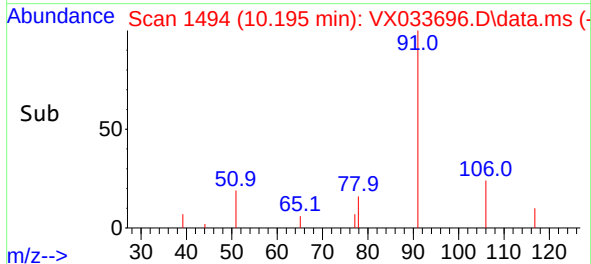
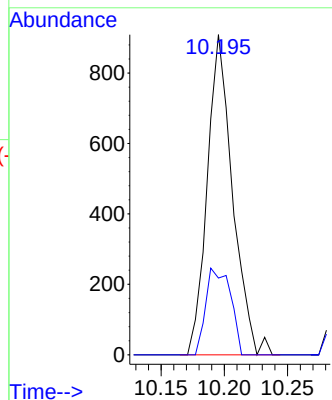
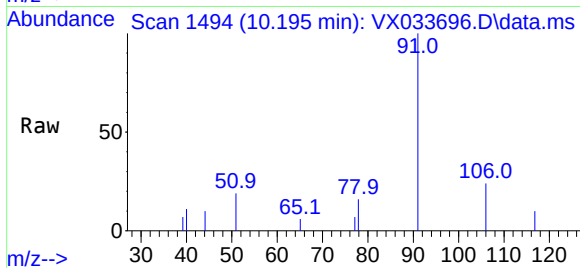
IBLK

Tgt Ion: 91 Resp: 1265

Ion Ratio Lower Upper

91 100

106 24.0 25.8 38.8#



#68

m/p-Xylenes

Concen: 0.497 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX033696.D

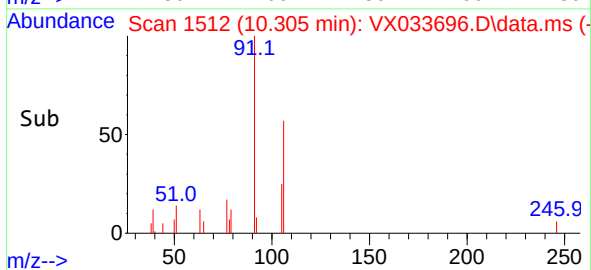
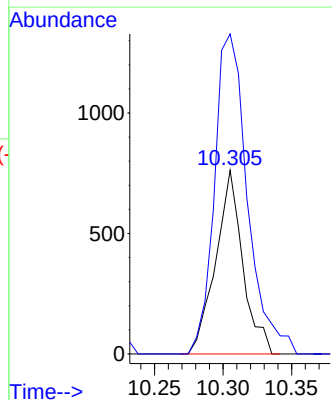
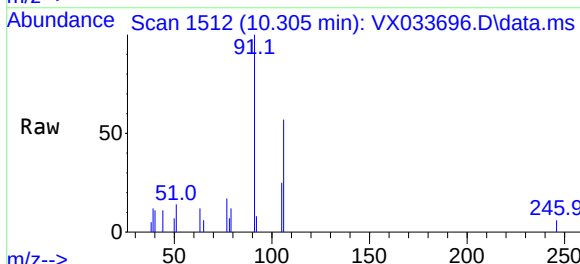
Acq: 11 Jan 2023 14:06

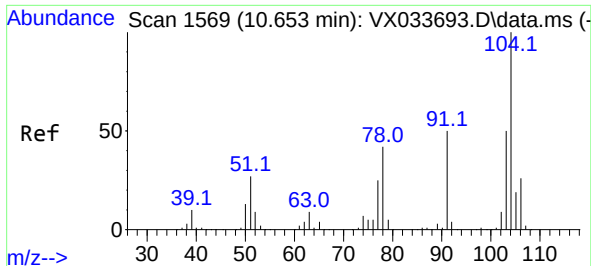
Tgt Ion: 106 Resp: 1045

Ion Ratio Lower Upper

106 100

91 213.4 156.4 234.6

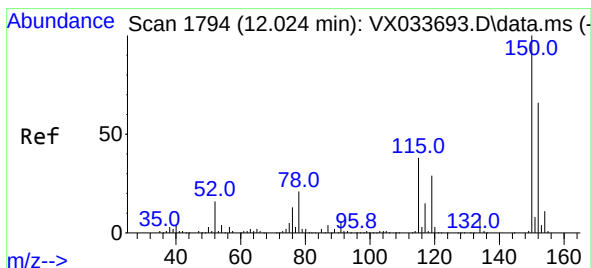
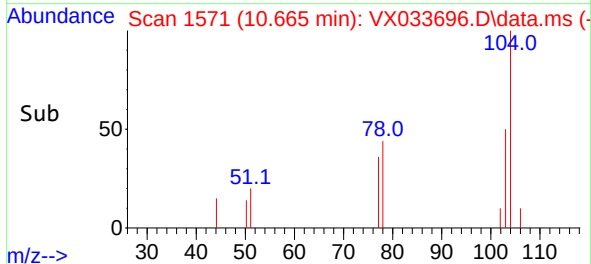
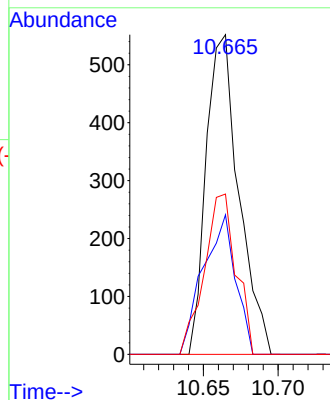
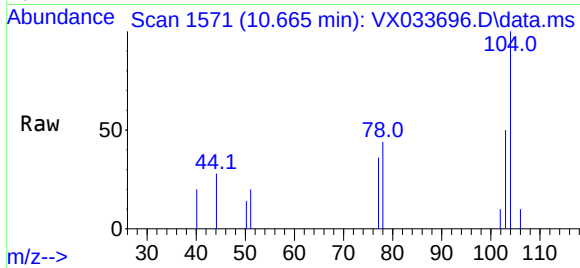




#70
Styrene
Concen: 0.247 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

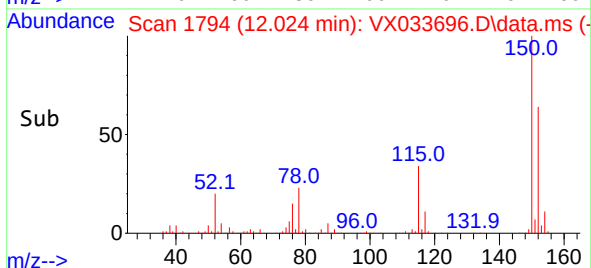
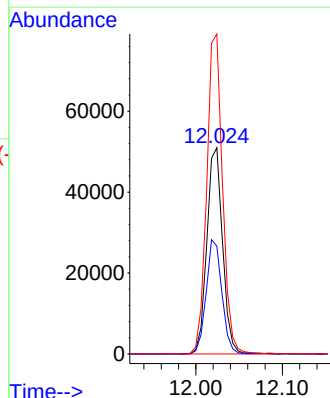
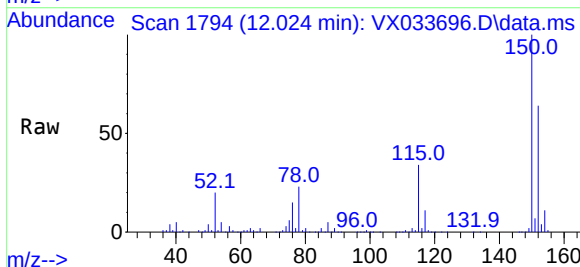
Instrument :
MSVOA_X
ClientSampleId :
IBLK

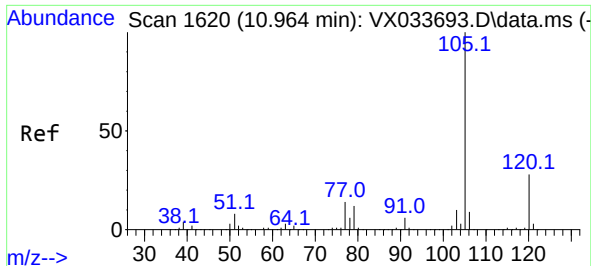
Tgt Ion:	104	Resp:	839
Ion	Ratio	Lower	Upper
104	100		
78	43.4	37.5	56.3
103	48.7	43.3	64.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:	152	Resp:	64366
Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.7	116.1
150	155.8	0.0	348.2

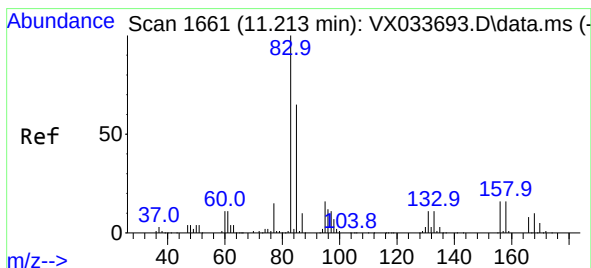
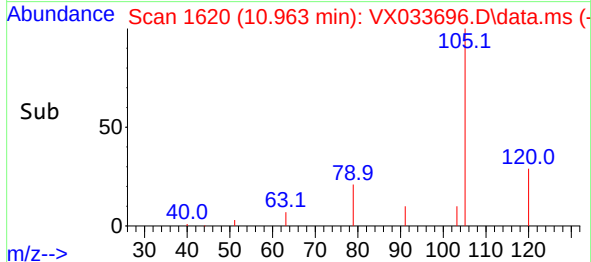
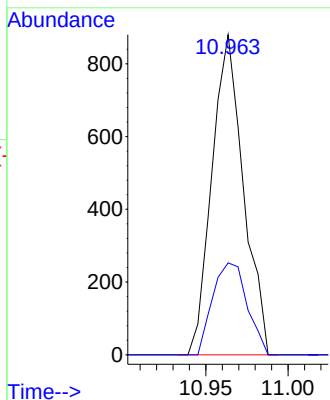
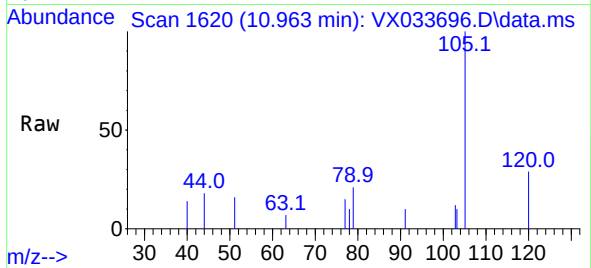




#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

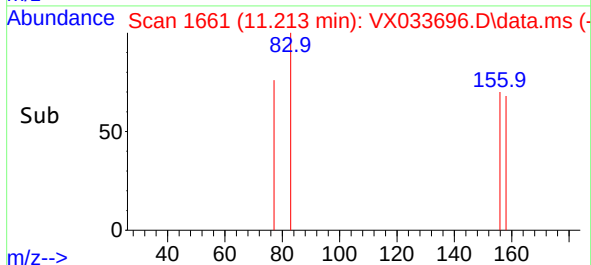
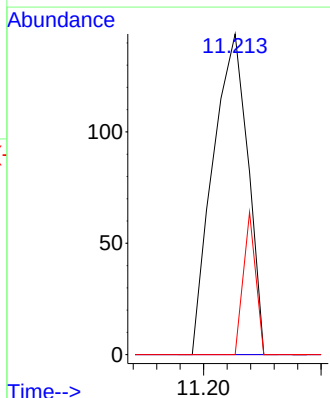
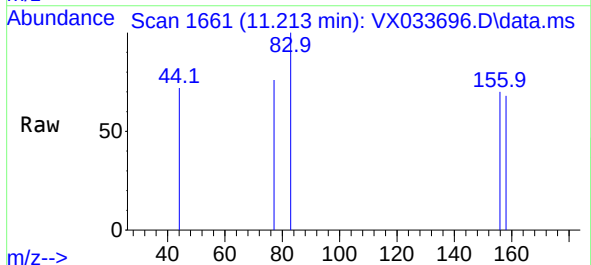
Instrument :
MSVOA_X
ClientSampleId :
IBLK

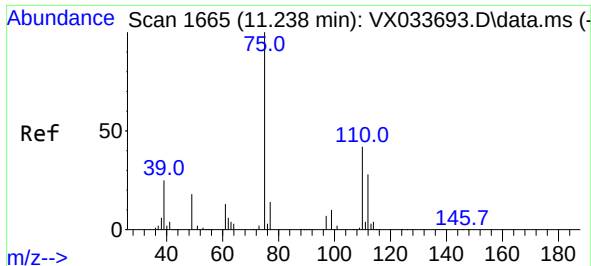
Tgt Ion:105 Resp: 1171
Ion Ratio Lower Upper
105 100
120 31.4 13.6 40.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 83 Resp: 148
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.7#
85 15.5 32.3 96.9#

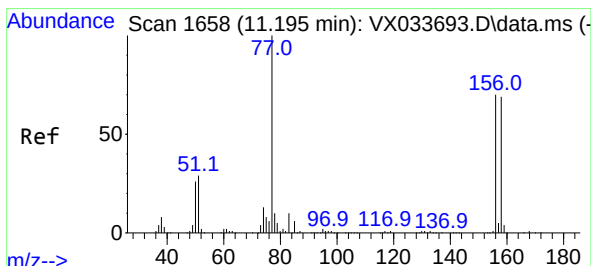
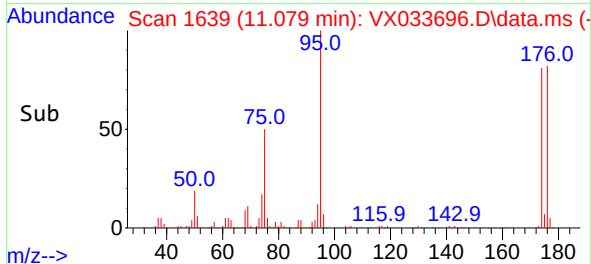
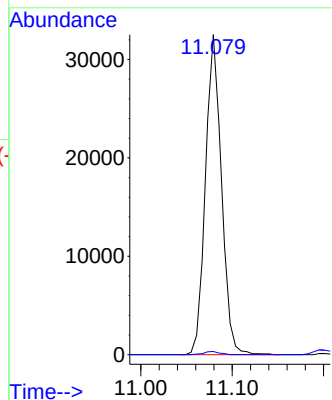
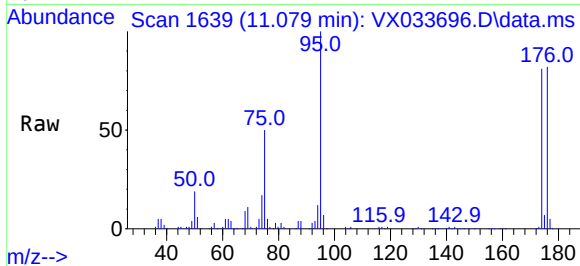




#76
1,2,3-Trichloropropane
Concen: 33.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

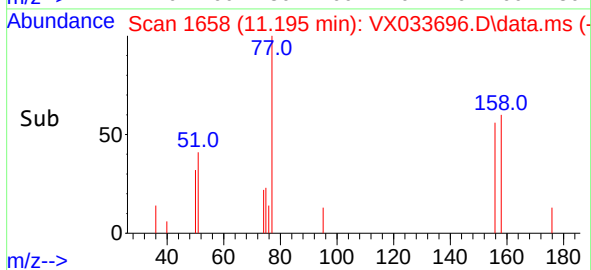
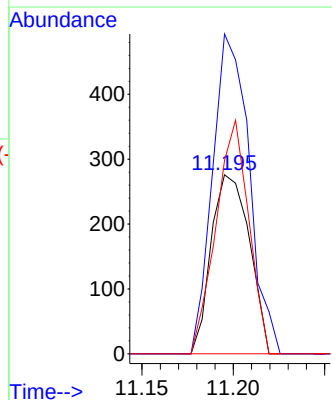
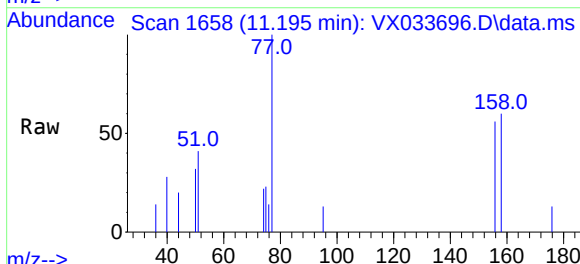
Instrument :
MSVOA_X
ClientSampleId :
IBLK

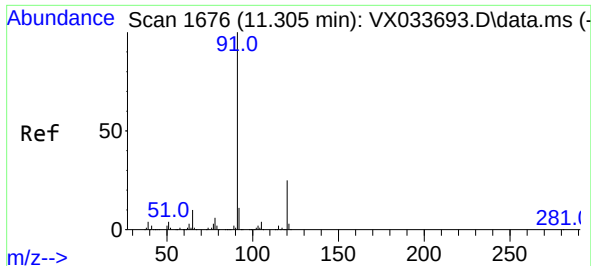
Tgt Ion: 75 Resp: 39438
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:156 Resp: 401
Ion Ratio Lower Upper
156 100
77 171.1 68.1 204.3
158 112.0 48.0 144.2

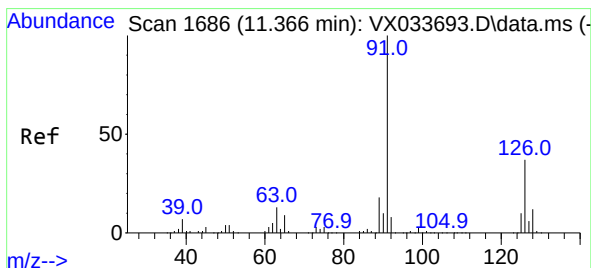
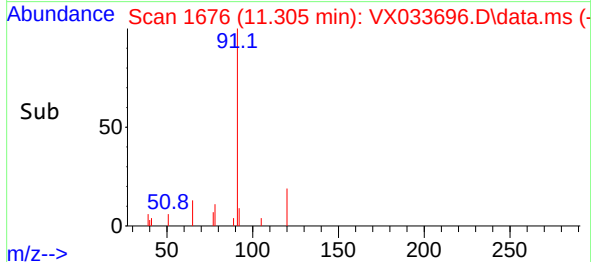
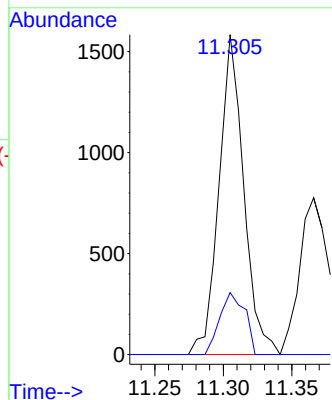
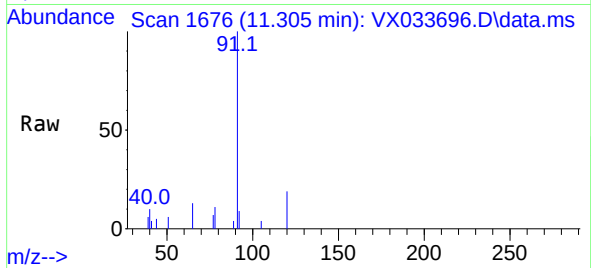




#78
n-propylbenzene
Concen: 0.379 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

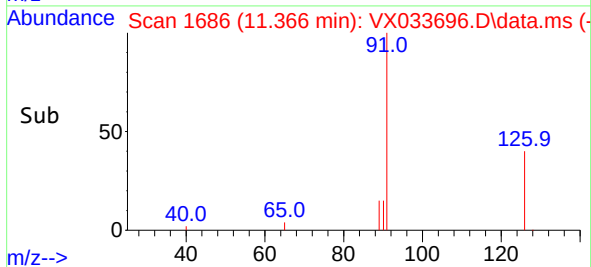
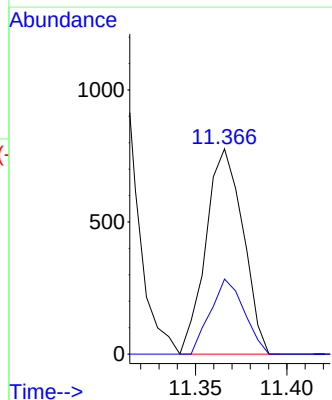
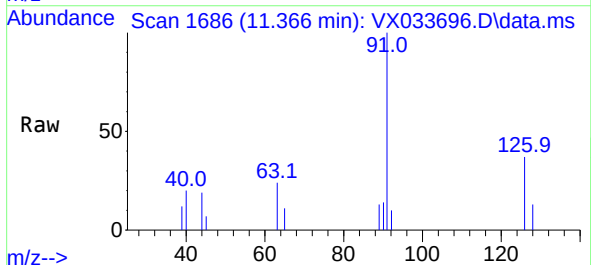
Instrument :
MSVOA_X
ClientSampleId :
IBLK

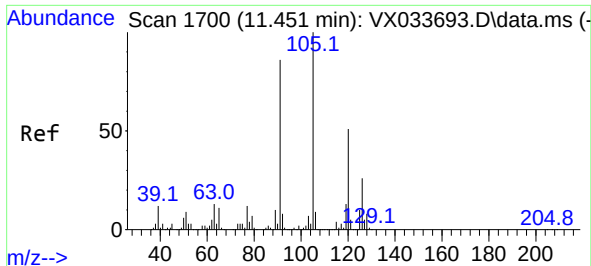
Tgt Ion: 91 Resp: 1988
Ion Ratio Lower Upper
91 100
120 19.7 12.3 36.8



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 91 Resp: 1099
Ion Ratio Lower Upper
91 100
126 33.1 18.1 54.1

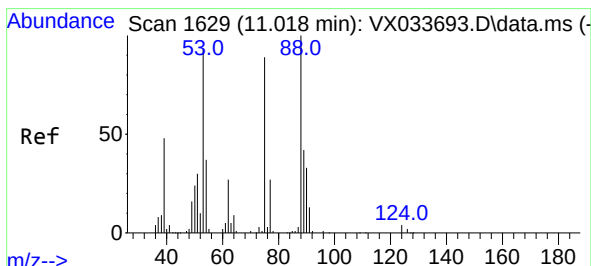
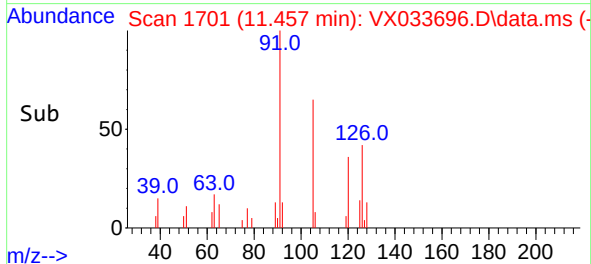
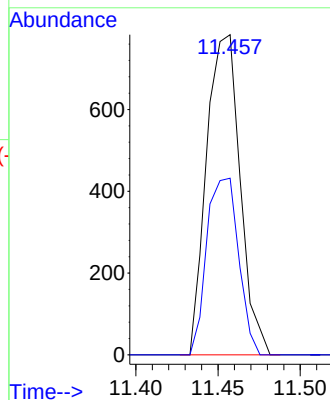
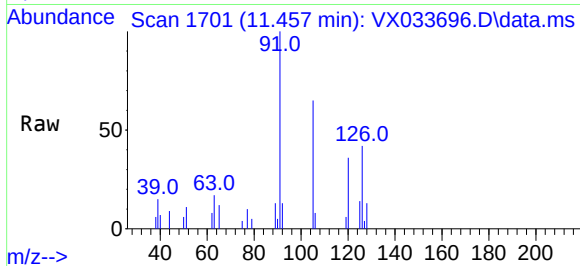




#80
1,3,5-Trimethylbenzene
Concen: 0.286 ug/l
RT: 11.457 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

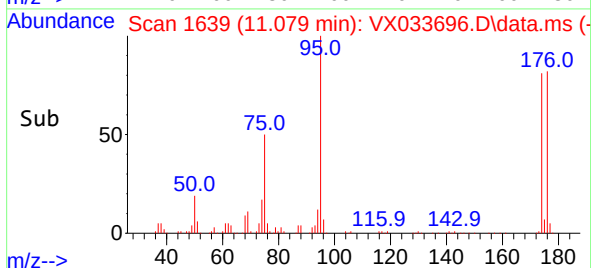
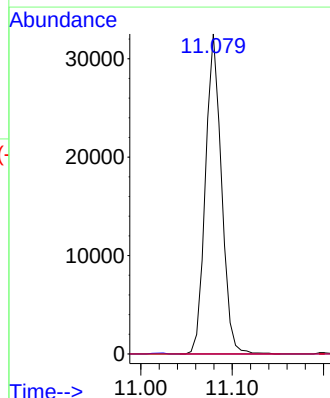
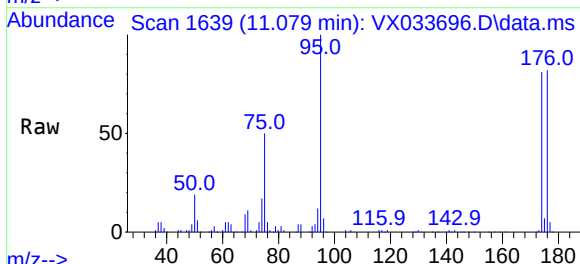
Instrument :
MSVOA_X
ClientSampleId :
IBLK

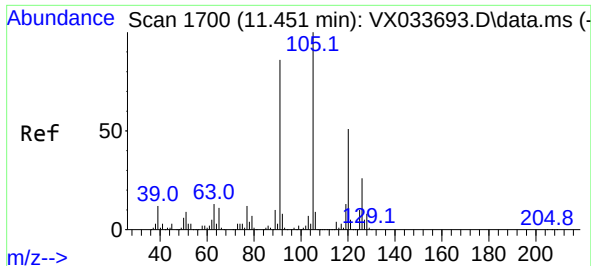
Tgt Ion:105 Resp: 1109
Ion Ratio Lower Upper
105 100
120 52.3 25.6 76.8



#81
trans-1,4-Dichloro-2-butene
Concen: 103.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 75 Resp: 39438
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

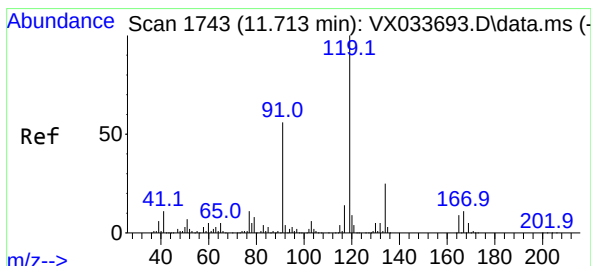
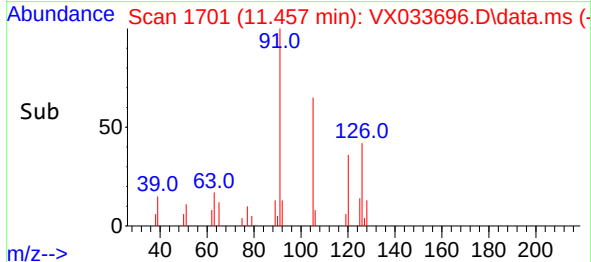
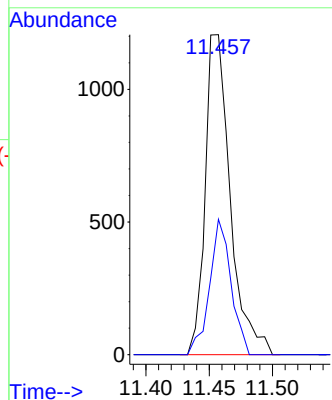
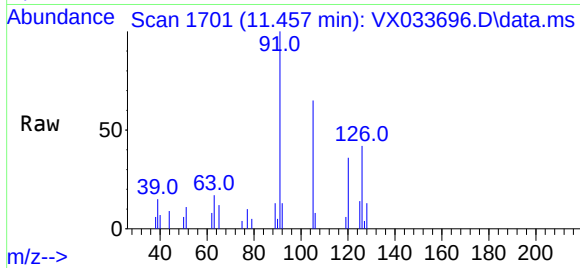




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

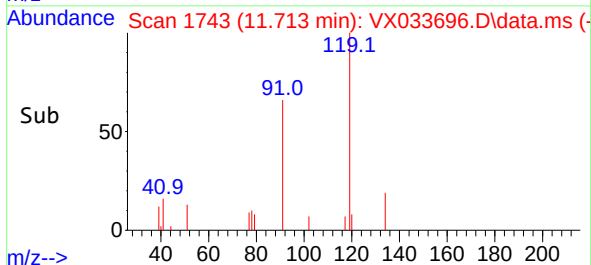
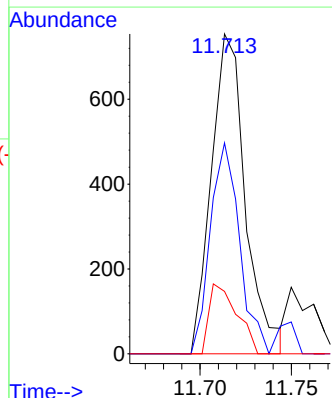
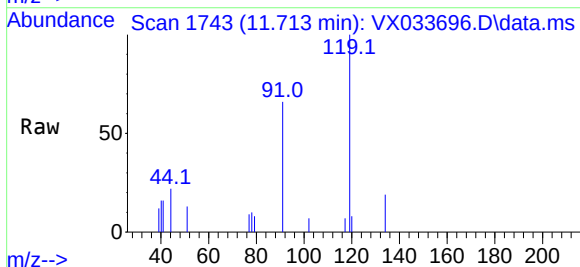
Instrument :
MSVOA_X
ClientSampleId :
IBLK

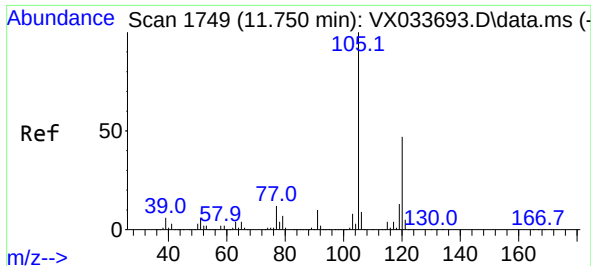
Tgt Ion: 91 Resp: 1665
Ion Ratio Lower Upper
91 100
126 36.2 15.8 47.4



#83
tert-Butylbenzene
Concen: 0.255 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 119 Resp: 979
Ion Ratio Lower Upper
119 100
91 56.4 26.9 80.7
134 17.9 12.3 36.8

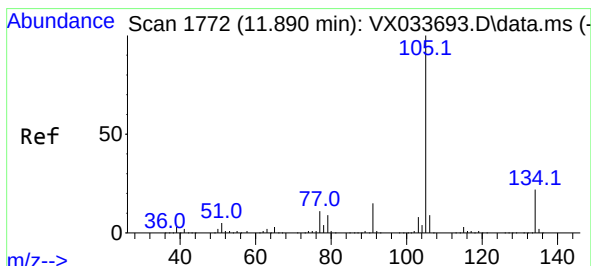
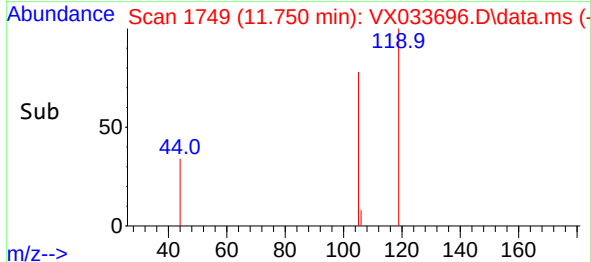
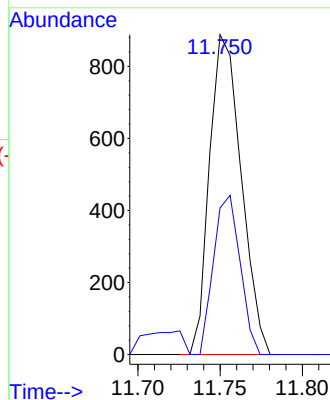
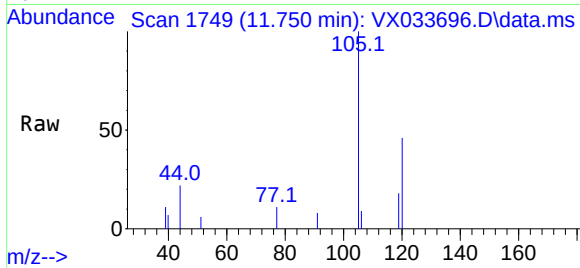




#84
1,2,4-Trimethylbenzene
Concen: 0.325 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

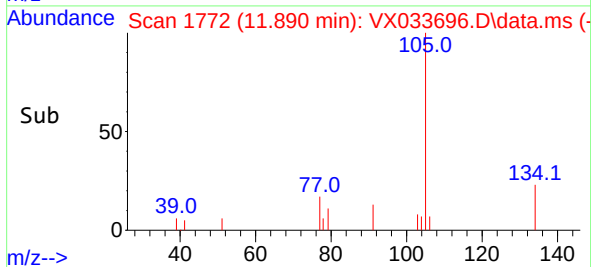
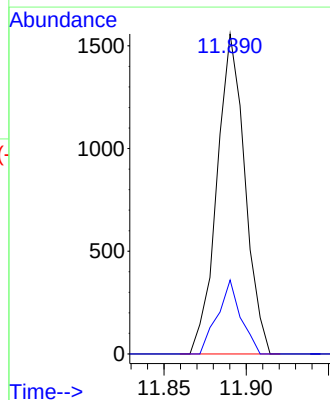
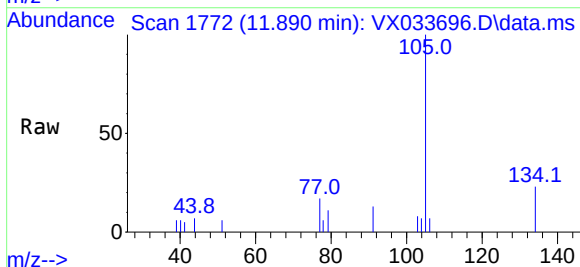
Instrument :
MSVOA_X
ClientSampleId :
IBLK

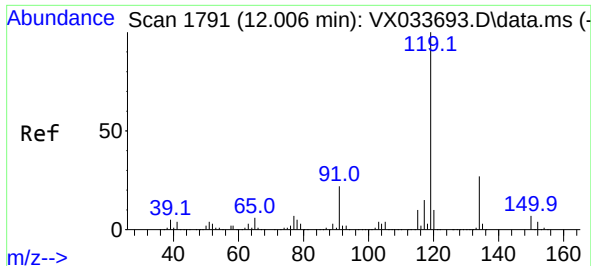
Tgt Ion:105 Resp: 1191
Ion Ratio Lower Upper
105 100
120 41.7 23.4 70.2



#85
sec-Butylbenzene
Concen: 0.401 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:105 Resp: 1843
Ion Ratio Lower Upper
105 100
134 19.2 10.8 32.3

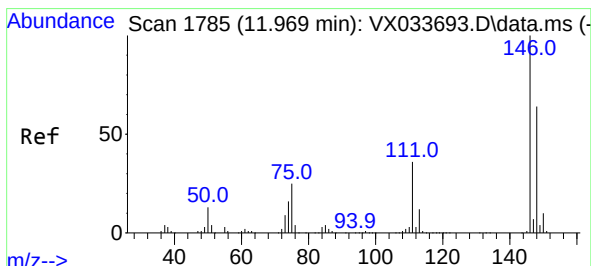
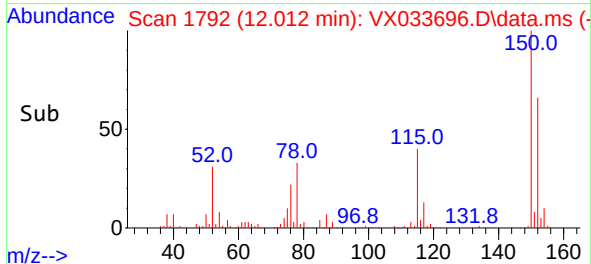
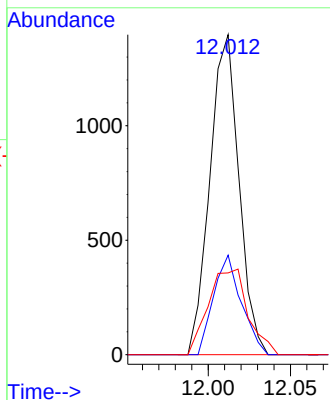
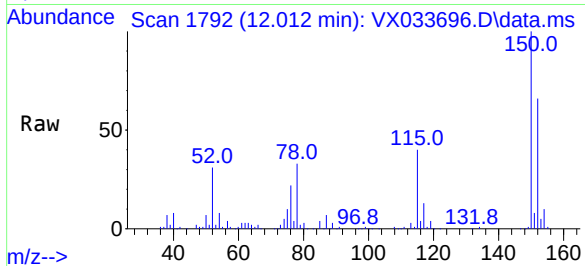




#86
p-Isopropyltoluene
Concen: 0.437 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

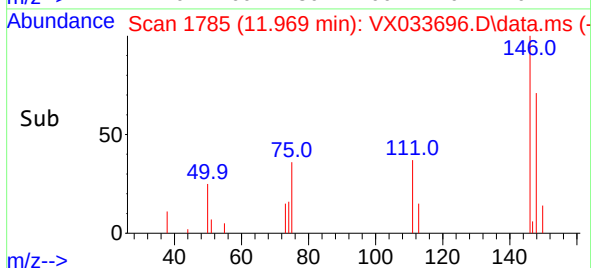
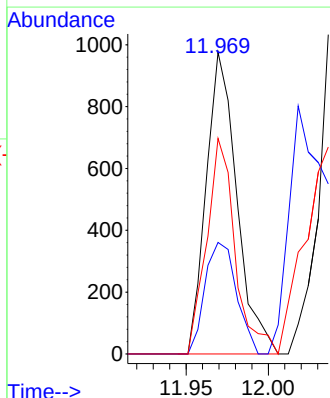
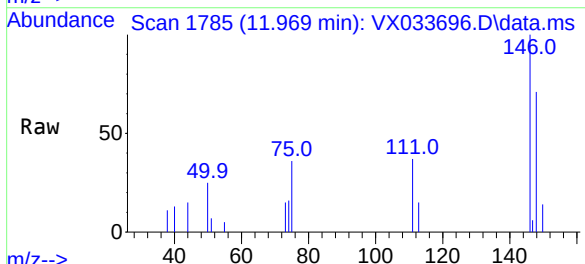
Instrument :
MSVOA_X
ClientSampleId :
IBLK

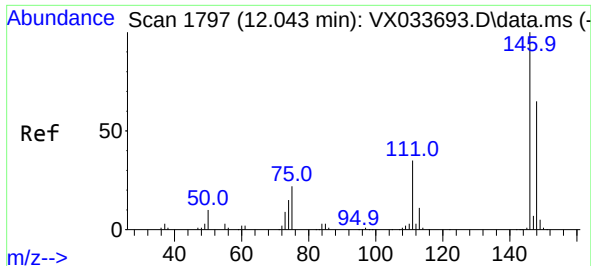
Tgt Ion:	119	Resp:	1719
Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.6	40.8
91	36.4	11.0	33.0



#87
1,3-Dichlorobenzene
Concen: 0.581 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:	146	Resp:	1263
Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	66.3	31.9	95.5



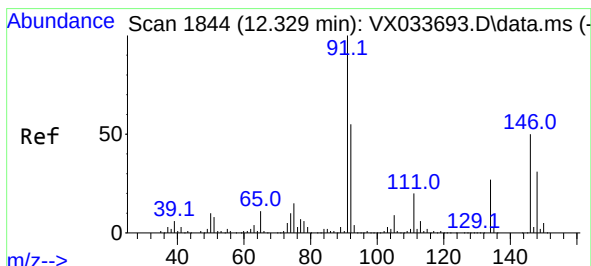
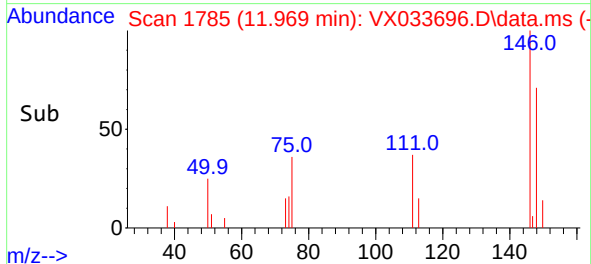
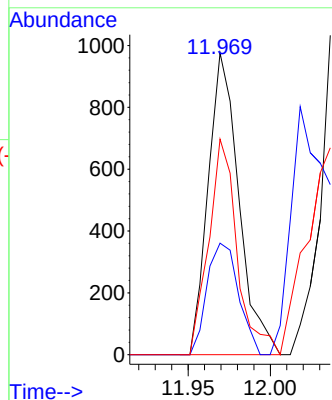
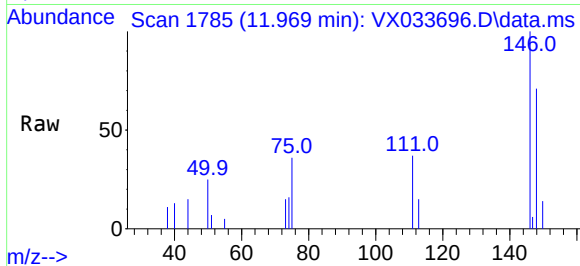


#88
1,4-Dichlorobenzene
Concen: 0.570 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 1263

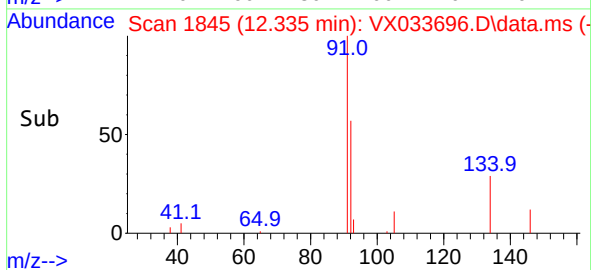
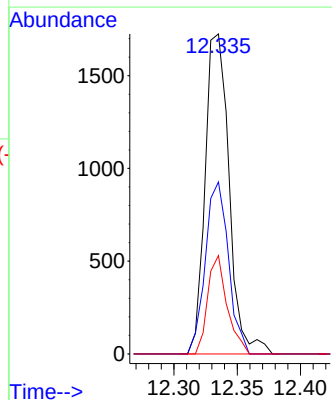
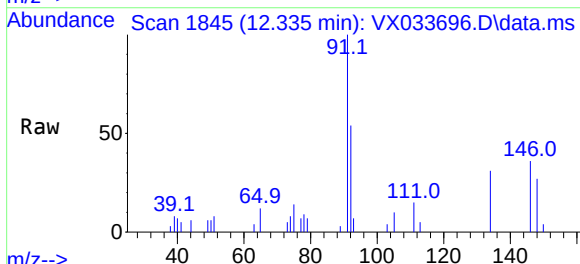
Ion	Ratio	Lower	Upper
146	100		
111	38.1	17.8	53.4
148	66.3	32.1	96.3

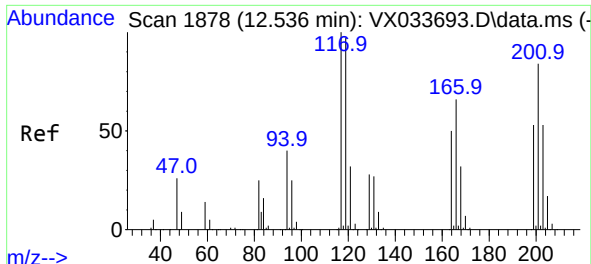


#89
n-Butylbenzene
Concen: 0.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 91 Resp: 2278

Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.5	82.5
134	25.0	14.3	42.9

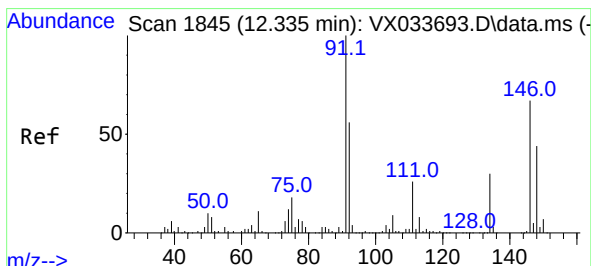
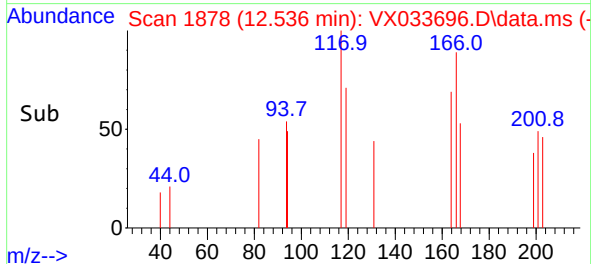
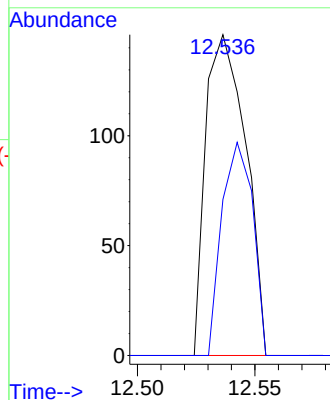
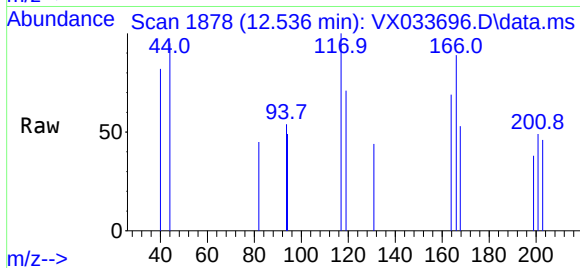




#90
Hexachloroethane
Concen: 0.267 ug/l
RT: 12.536 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

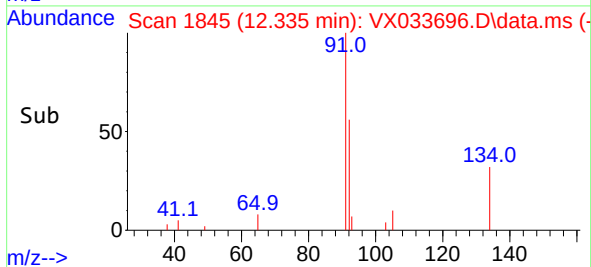
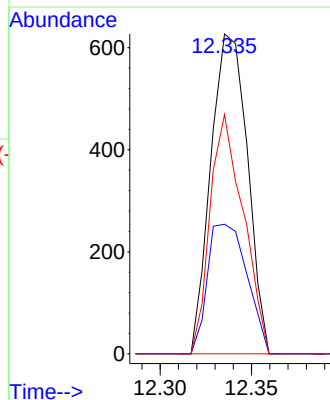
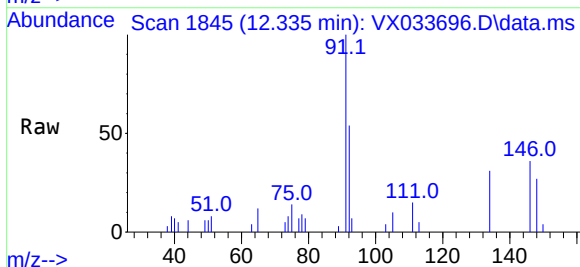
Instrument :
MSVOA_X
ClientSampleId :
IBLK

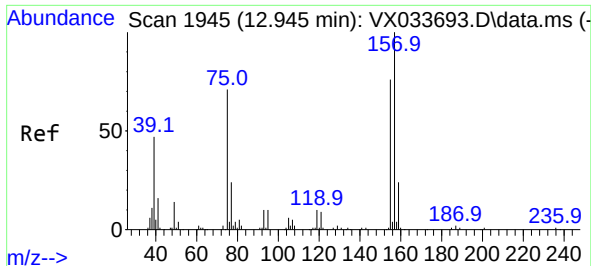
Tgt Ion:117 Resp: 173
Ion Ratio Lower Upper
117 100
201 51.4 45.1 135.3



#91
1,2-Dichlorobenzene
Concen: 0.417 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion:146 Resp: 875
Ion Ratio Lower Upper
146 100
111 43.8 19.3 57.8
148 68.0 32.3 96.9

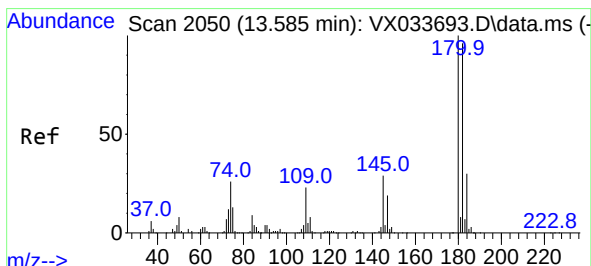
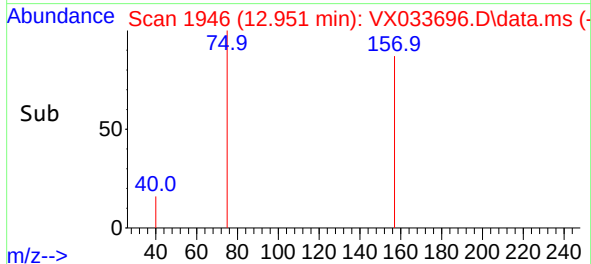
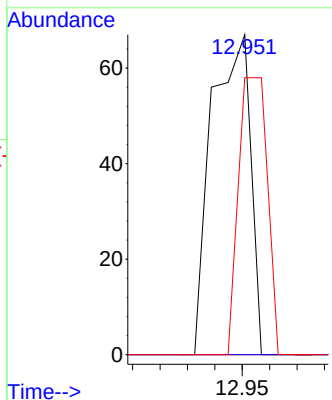
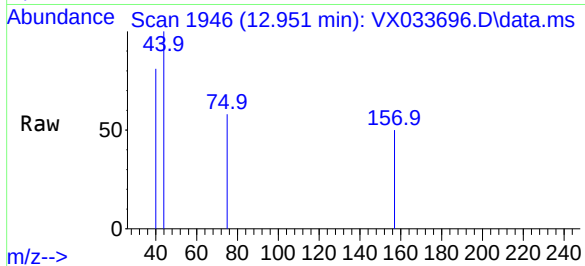




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.251 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

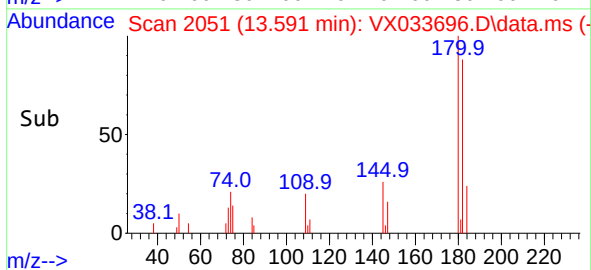
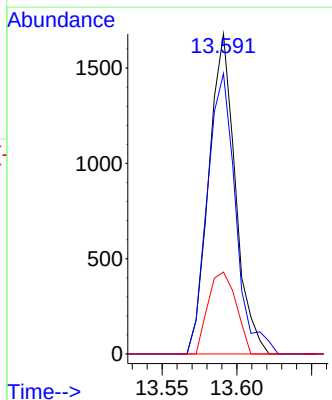
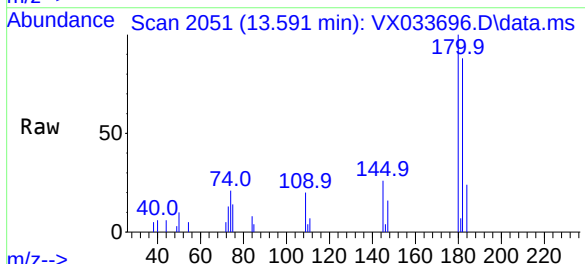
Instrument :
MSVOA_X
ClientSampleId :
IBLK

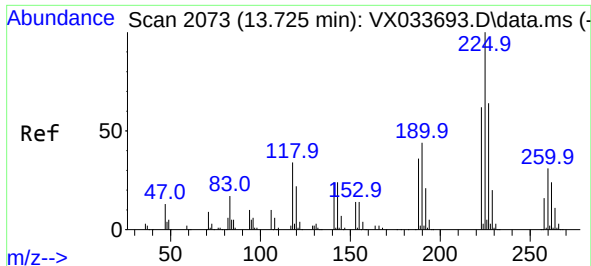
Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 51.7 155.1#
157 63.6 67.5 202.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.467 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

Tgt Ion: 180 Resp: 2074
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.6
145 27.0 14.1 42.2

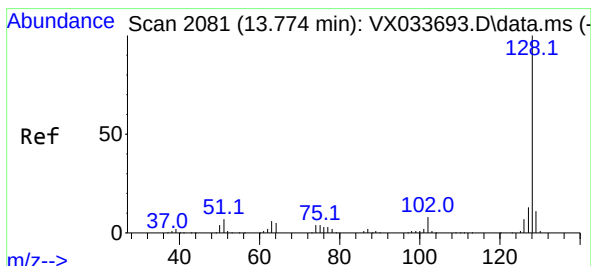
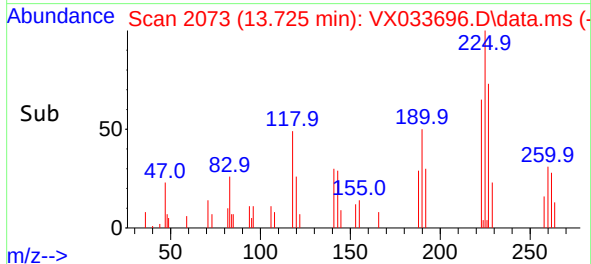
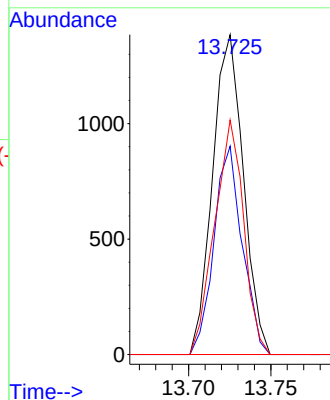
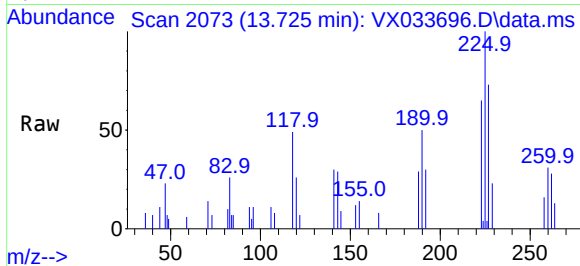




#94
Hexachlorobutadiene
Concen: 2.599 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

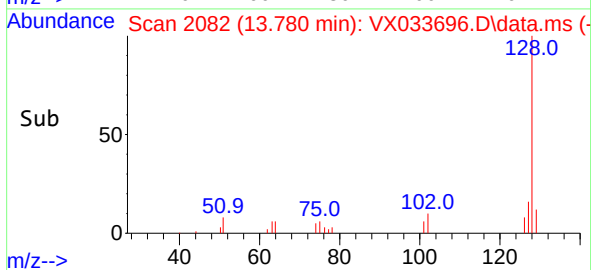
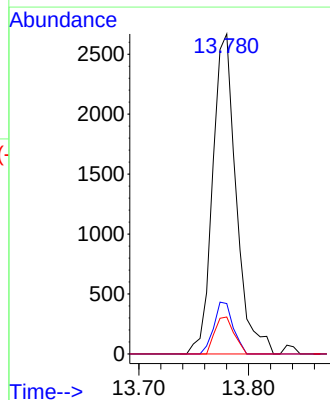
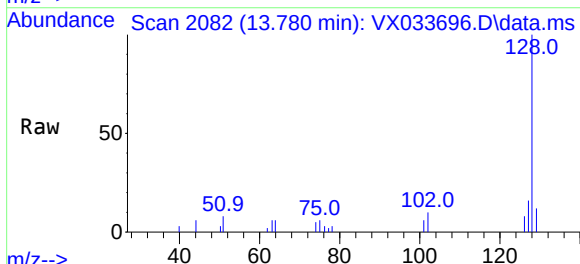
Instrument :
MSVOA_X
ClientSampleId :
IBLK

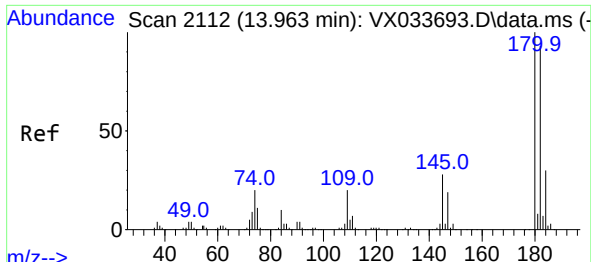
Tgt Ion:	225	Resp:	1800
Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.3	93.9
227	69.2	32.3	96.9



#95
Naphthalene
Concen: 0.978 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033696.D
Acq: 11 Jan 2023 14:06

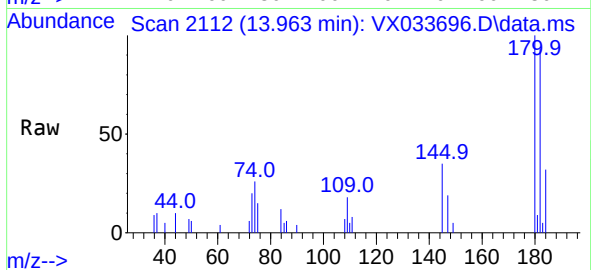
Tgt Ion:	128	Resp:	3978
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	9.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX033696.D
 Acq: 11 Jan 2023 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 1929

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	30.3	15.1	45.3

