

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037097.D
 Acq On : 18 Aug 2023 20:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 21 01:34:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84067	47.382	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.760%
35) Dibromofluoromethane	5.385	113	70177	47.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	267589	50.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.079	95	107312	51.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	307	0.453	ug/l	82
7) Trichlorofluoromethane	1.886	101	470	0.211	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	364	0.280	ug/l	96
10) Methyl Iodide	2.459	142	367	0.232	ug/l #	77
11) Tert butyl alcohol	2.953	59	416	1.000	ug/l #	78
13) Acrolein	2.239	56	322	1.017	ug/l	98
15) Acrylonitrile	3.075	53	551	0.742	ug/l #	77
16) Acetone	2.380	43	870	1.253	ug/l	96
17) Carbon Disulfide	2.514	76	2532	0.786	ug/l #	91
20) Methylene Chloride	2.794	84	1134	0.731	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	422	0.293	ug/l	95
23) Vinyl Acetate	3.745	43	839	0.272	ug/l #	73
25) 2-Butanone	4.574	43	656	0.628	ug/l #	51
29) Tetrahydrofuran	5.032	42	208	0.312	ug/l #	80
31) Cyclohexane	5.477	56	479	0.240	ug/l #	75
36) 1,1-Dichloropropene	5.690	75	518	0.248	ug/l #	78
38) Carbon Tetrachloride	5.550	117	13356	5.895	ug/l #	15
39) Methylcyclohexane	7.379	83	662	0.302	ug/l #	86
44) Trichloroethene	7.123	130	520	0.307	ug/l	98
49) 1,4-Dioxane	7.684	88	52	1.170	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	644	0.314	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.263	63	248	0.205	ug/l #	47
59) 2-Hexanone	9.439	43	626	0.400	ug/l	76
64) Tetrachloroethene	9.275	164	458	0.292	ug/l	93
68) m/p-Xylenes	10.305	106	1288	0.417	ug/l	94
73) Isopropylbenzene	10.957	105	1496	0.218	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	55185	27.416	ug/l #	39
77) Bromobenzene	11.195	156	342	0.204	ug/l	82
78) n-propylbenzene	11.305	91	2288	0.299	ug/l	94
79) 2-Chlorotoluene	11.366	91	1260	0.258	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1416	0.247	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	55185	76.576	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1673	0.296	ug/l	97
83) tert-Butylbenzene	11.713	119	1414	0.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1472	0.254	ug/l	85
85) sec-Butylbenzene	11.890	105	2931	0.459	ug/l	96

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

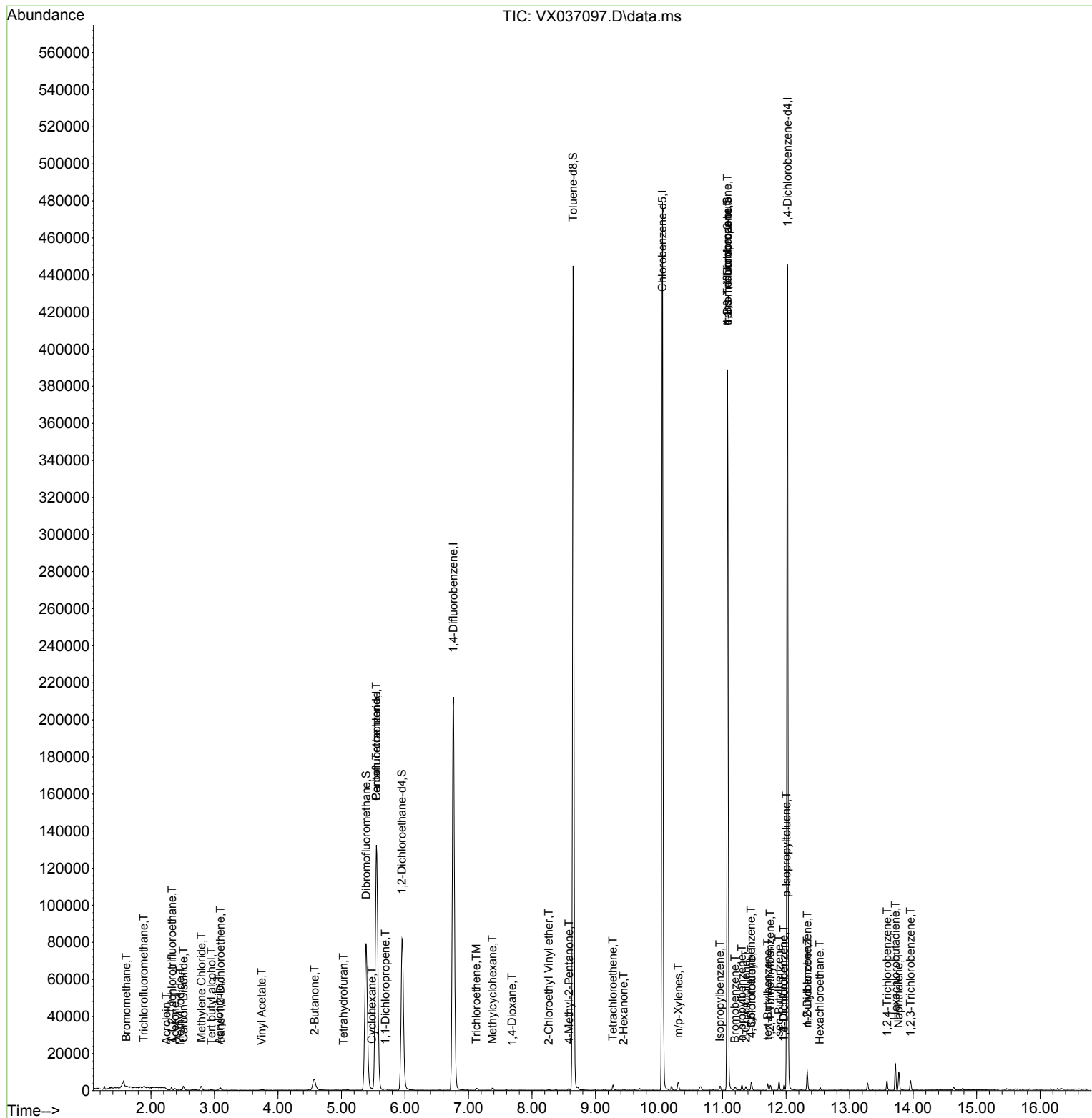
86) p-Isopropyltoluene	12.006	119	2565	0.467	ug/l	92
87) 1,3-Dichlorobenzene	11.963	146	1201	0.382	ug/l	94
88) 1,4-Dichlorobenzene	11.963	146	1201	0.370	ug/l	95
89) n-Butylbenzene	12.335	91	3630	0.797	ug/l	98
90) Hexachloroethane	12.530	117	273	0.298	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	886	0.288	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	1400	0.778	ug/l	92
94) Hexachlorobutadiene	13.725	225	2140	3.078	ug/l	97
95) Naphthalene	13.774	128	7443	0.944	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1614	0.903	ug/l	95

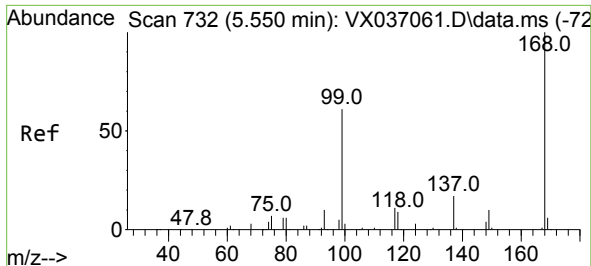
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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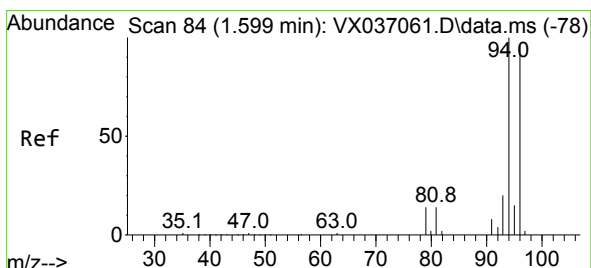
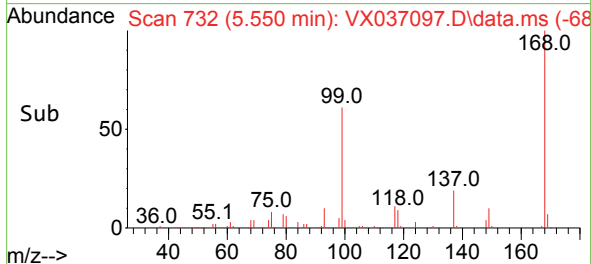
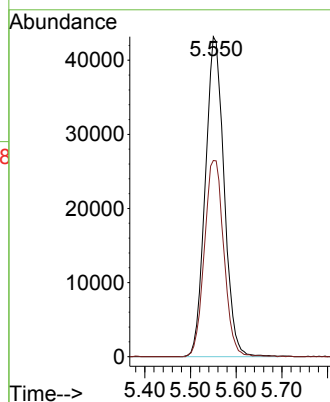
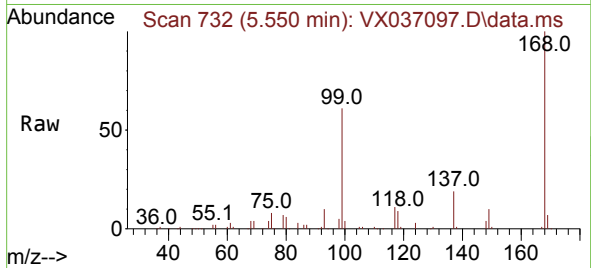




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

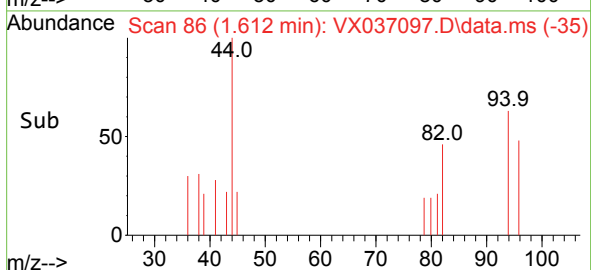
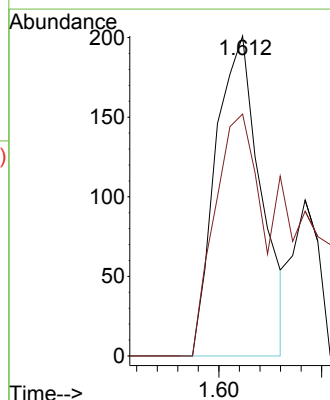
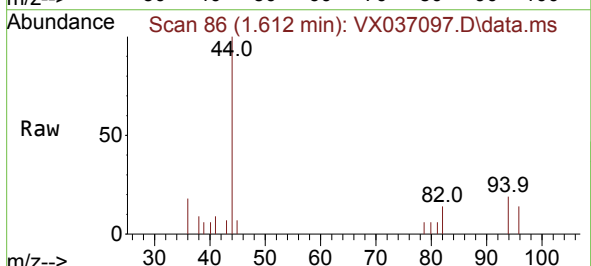
Instrument :
MSVOA_X
ClientSampleId :
IBLK

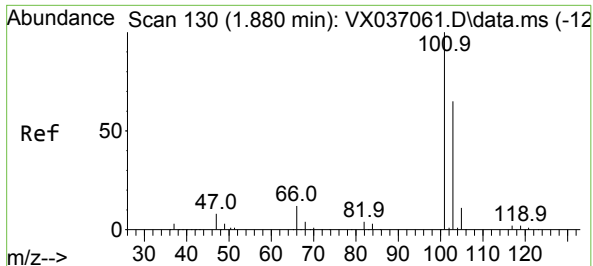
Tgt Ion:168 Resp: 123067
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#5
Bromomethane
Concen: 0.453 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 94 Resp: 307
Ion Ratio Lower Upper
94 100
96 75.6 74.6 111.8

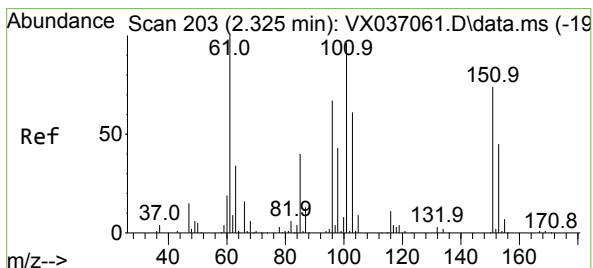
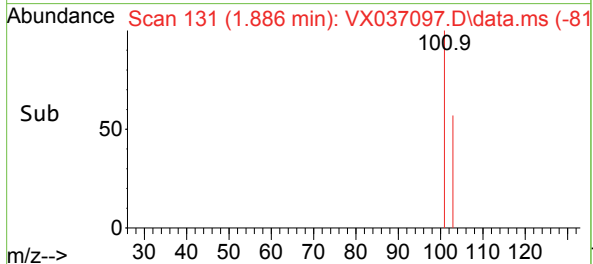
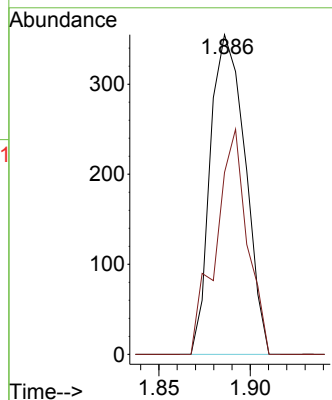
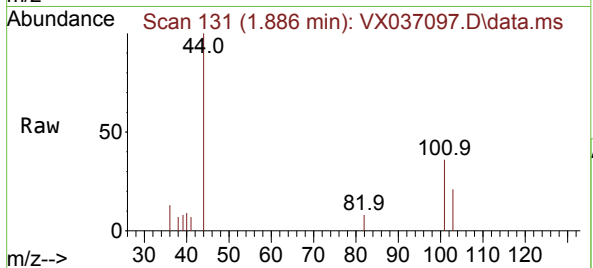




#7
Trichlorofluoromethane
Concen: 0.211 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

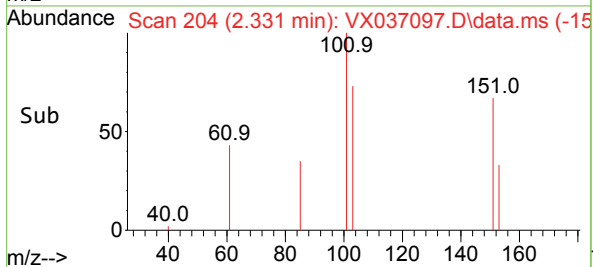
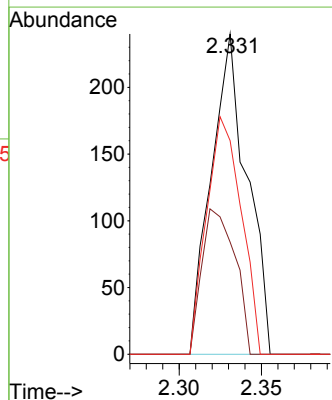
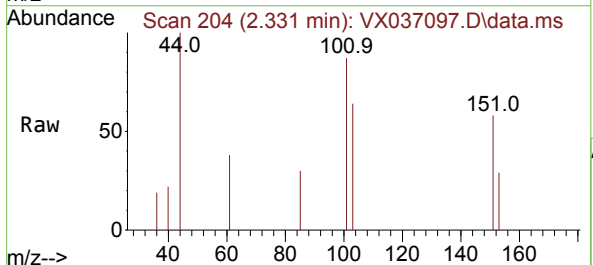
Instrument :
MSVOA_X
ClientSampleId :
IBLK

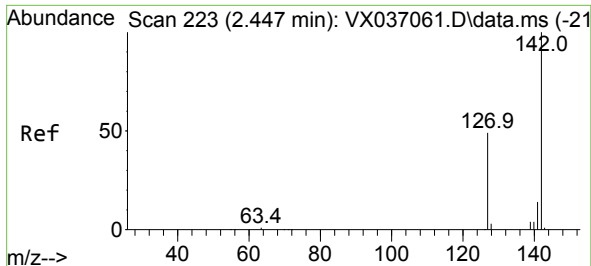
Tgt Ion:101 Resp: 470
Ion Ratio Lower Upper
101 100
103 56.9 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.280 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion:101 Resp: 364
Ion Ratio Lower Upper
101 100
85 42.0 37.0 55.6
151 71.7 58.6 87.8

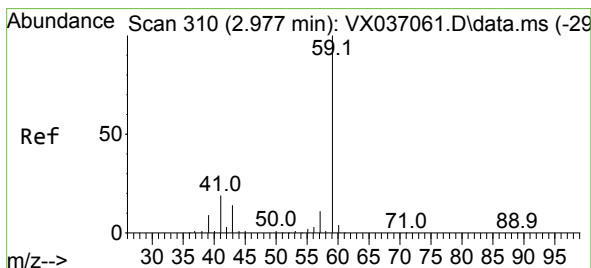
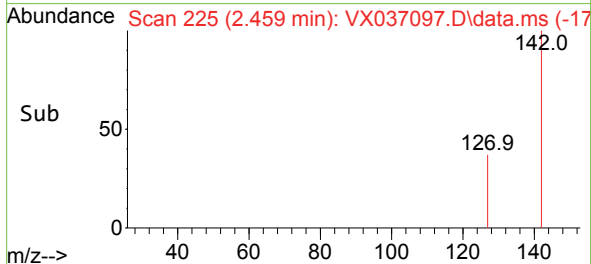
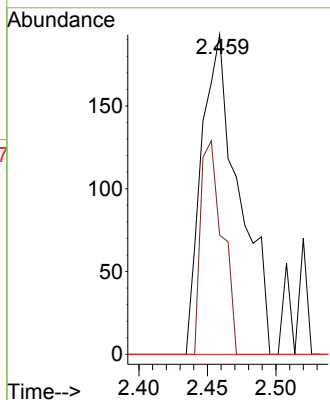
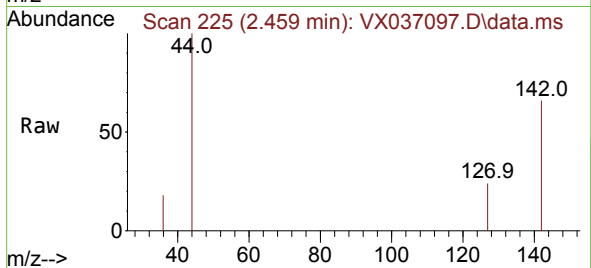




#10
Methyl Iodide
Concen: 0.232 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

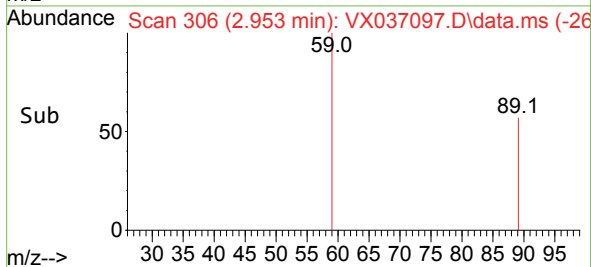
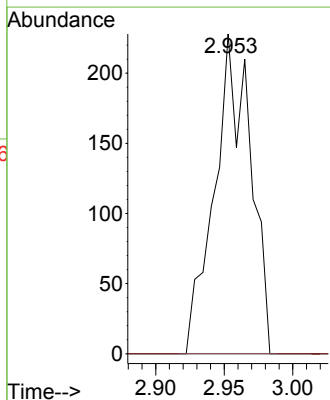
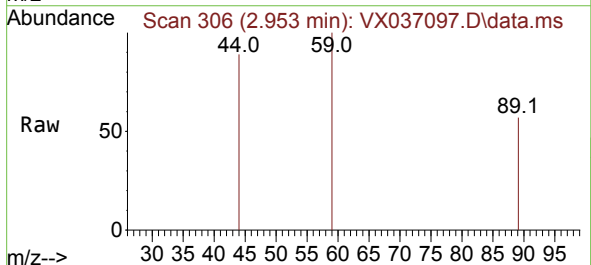
Instrument :
MSVOA_X
ClientSampleId :
IBLK

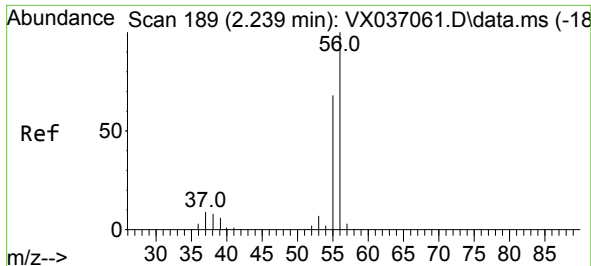
Tgt Ion:142 Resp: 367
Ion Ratio Lower Upper
142 100
127 38.7 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.000 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 1.017 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

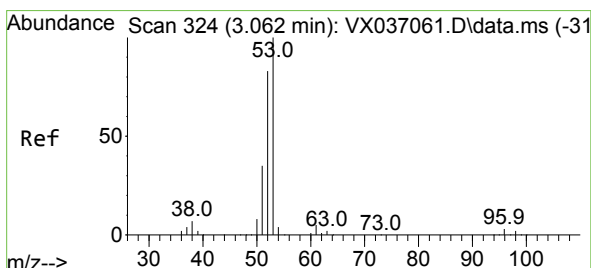
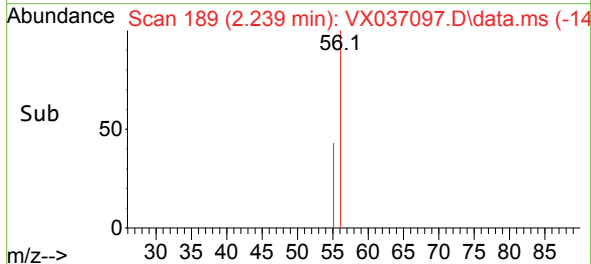
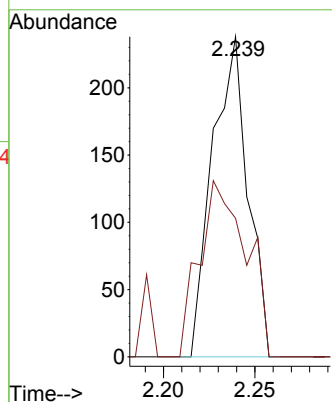
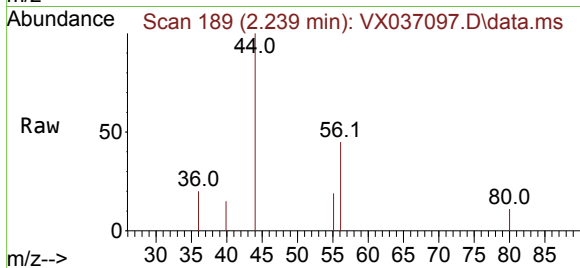
IBLK

Tgt Ion: 56 Resp: 322

Ion Ratio Lower Upper

56 100

55 73.0 57.1 85.7



#15

Acrylonitrile

Concen: 0.742 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

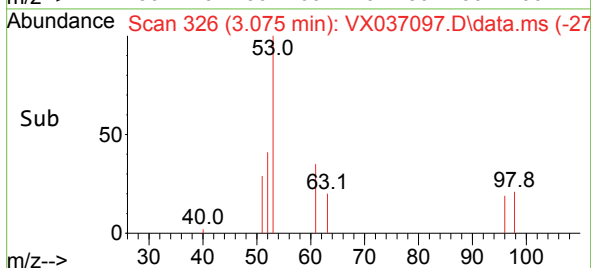
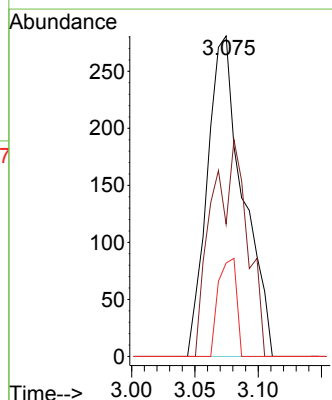
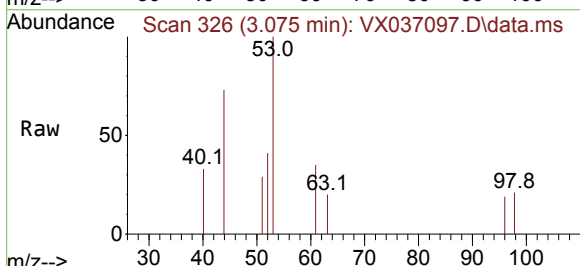
Tgt Ion: 53 Resp: 551

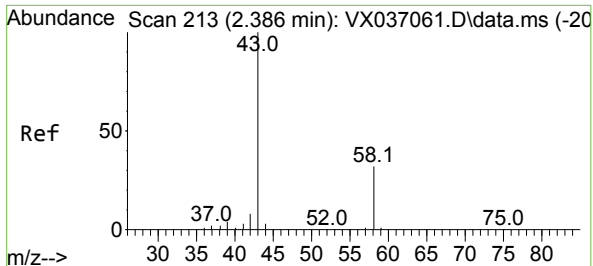
Ion Ratio Lower Upper

53 100

52 66.6 66.0 99.0

51 15.6 29.8 44.6#

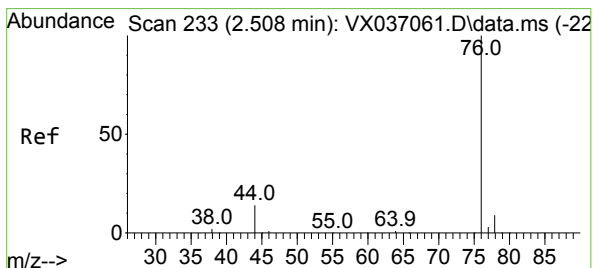
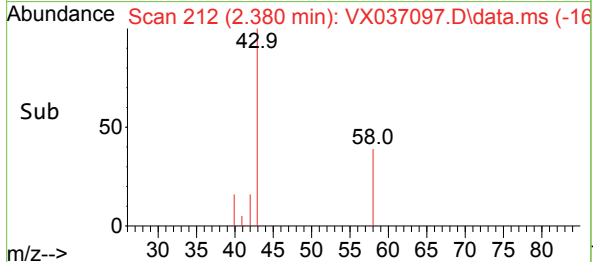
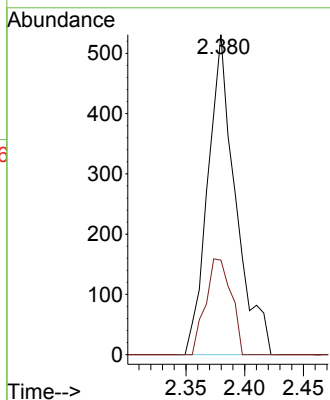
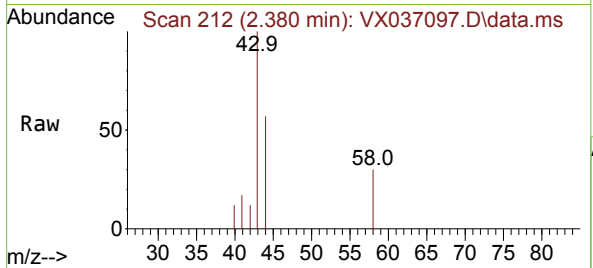




#16
Acetone
Concen: 1.253 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

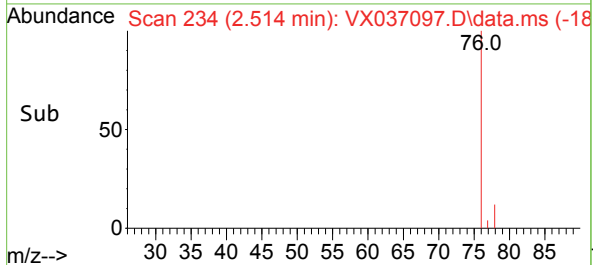
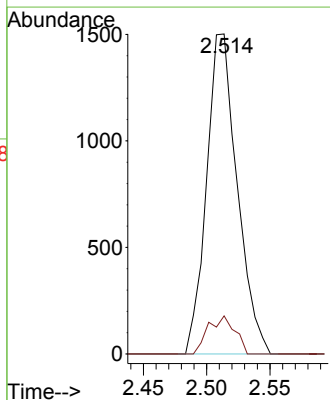
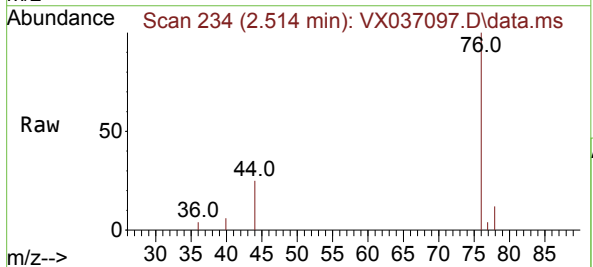
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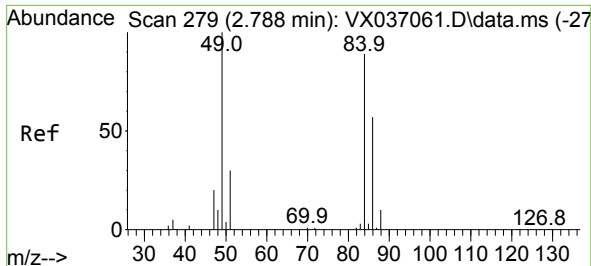
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.786 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 76 Resp: 2532
Ion Ratio Lower Upper
76 100
78 11.9 7.0 10.6#

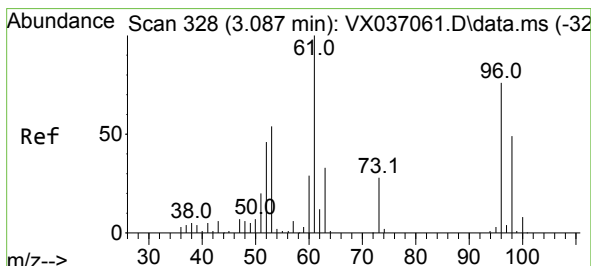
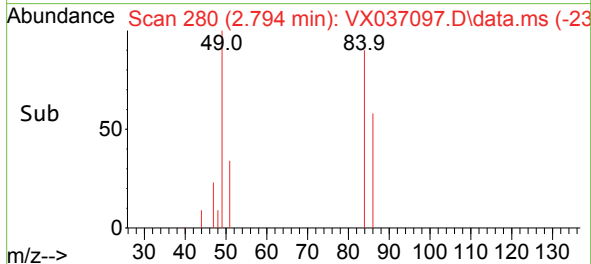
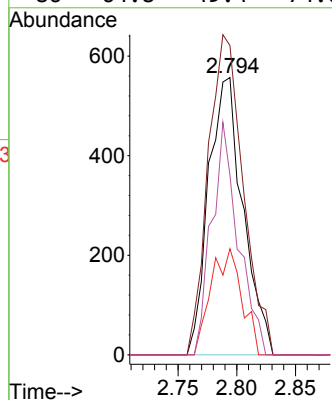
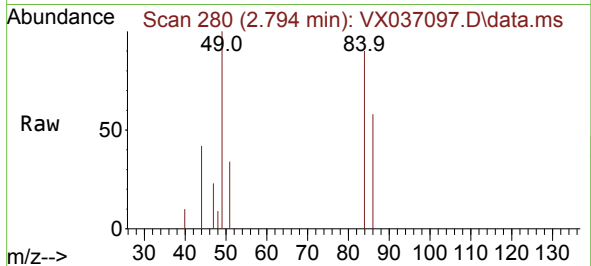




#20
Methylene Chloride
Concen: 0.731 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

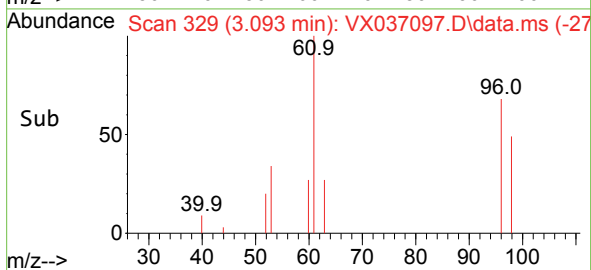
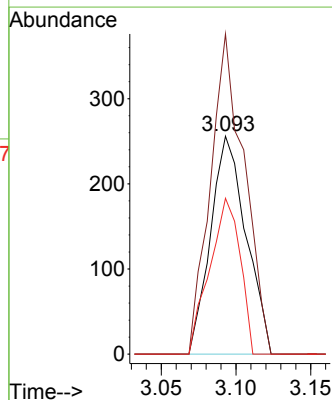
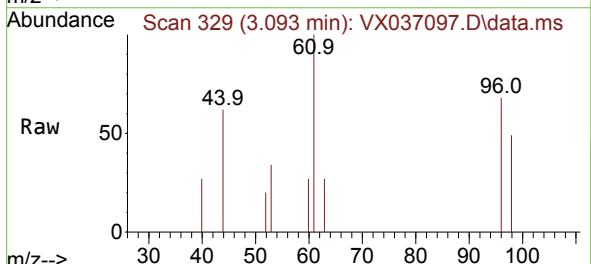
Instrument :
MSVOA_X
ClientSampleId :
IBLK

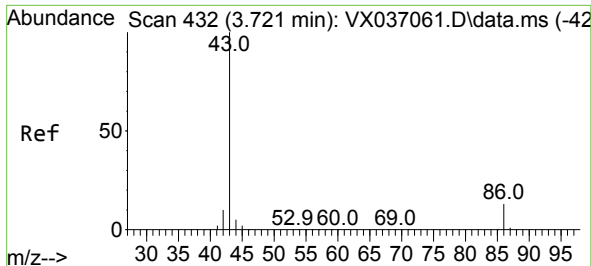
Tgt Ion:	84	Resp:	1134
Ion	Ratio	Lower	Upper
84	100		
49	111.5	103.6	155.4
51	38.2	33.8	50.6
86	64.8	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.293 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion:	96	Resp:	422
Ion	Ratio	Lower	Upper
96	100		
61	146.9	119.2	178.8
98	71.5	48.7	73.1

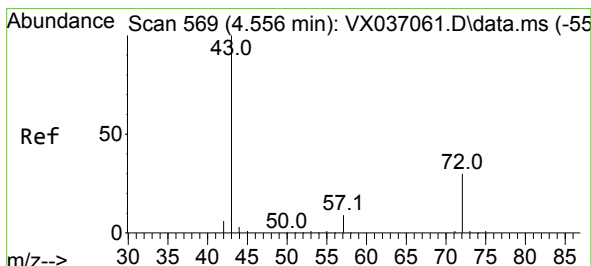
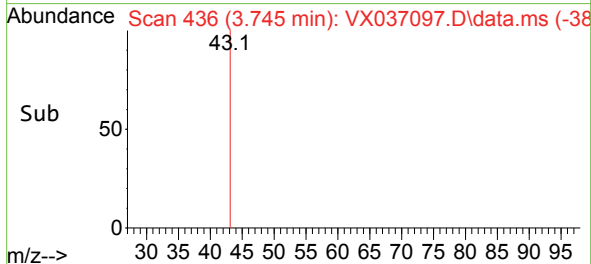
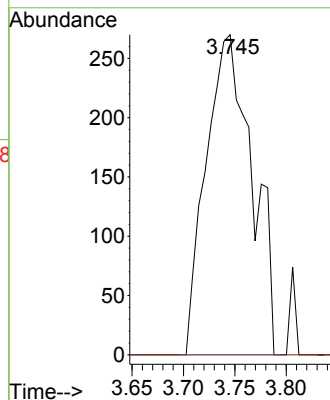
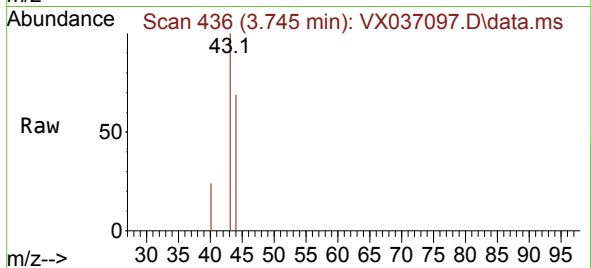




#23
 Vinyl Acetate
 Concen: 0.272 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VX037097.D
 Acq: 18 Aug 2023 20:19

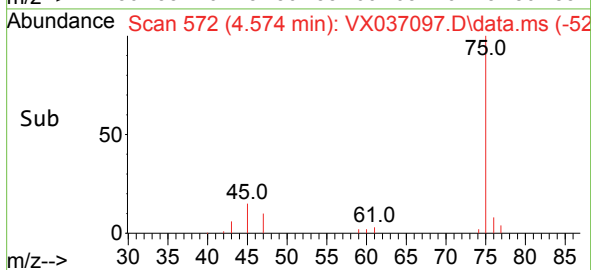
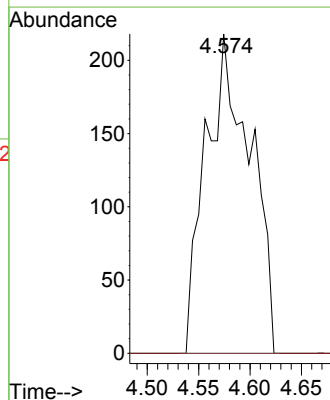
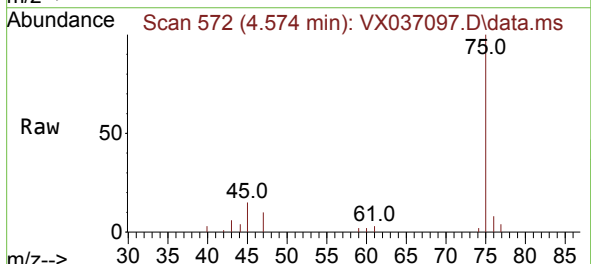
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

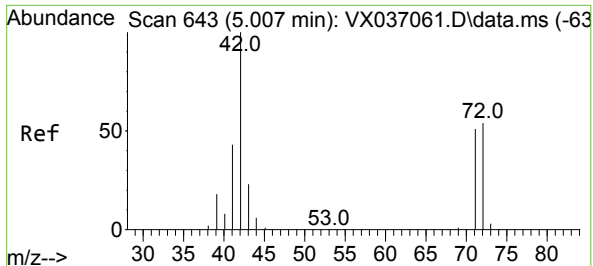
Tgt Ion: 43 Resp: 839
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.628 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: VX037097.D
 Acq: 18 Aug 2023 20:19

Tgt Ion: 43 Resp: 656
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.312 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

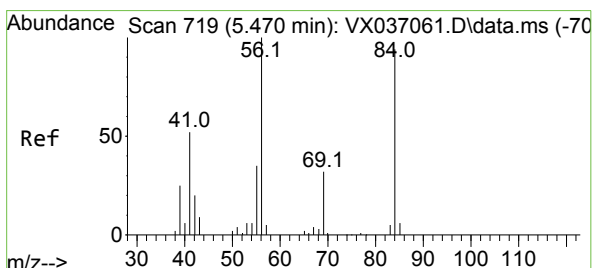
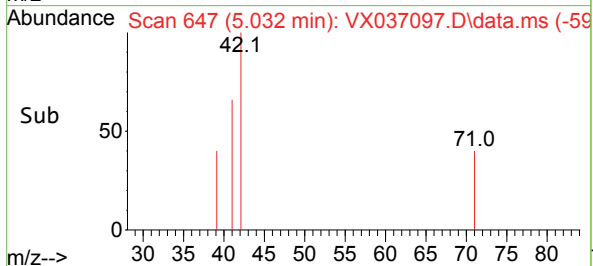
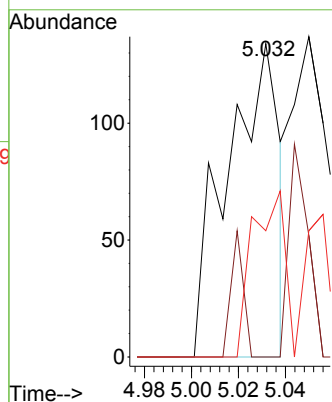
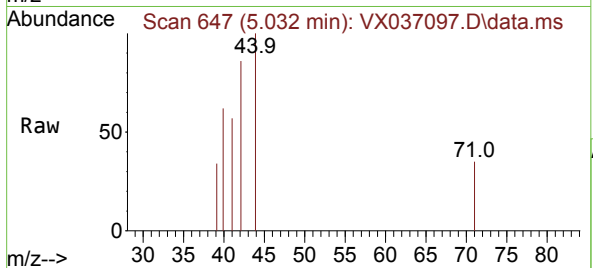
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

72 25.0 34.2 51.4#

71 32.7 32.2 48.2



#31

Cyclohexane

Concen: 0.240 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

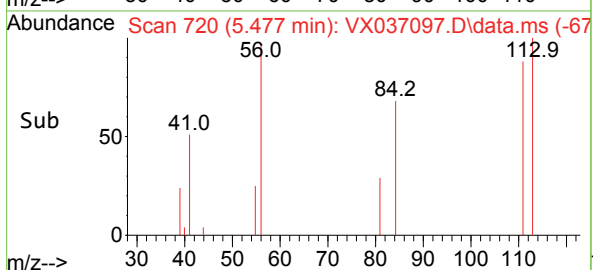
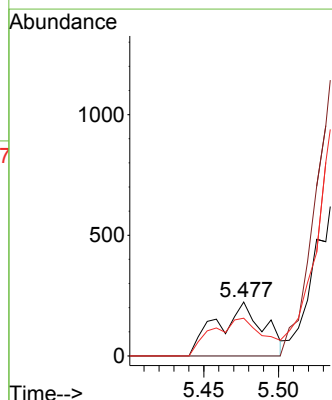
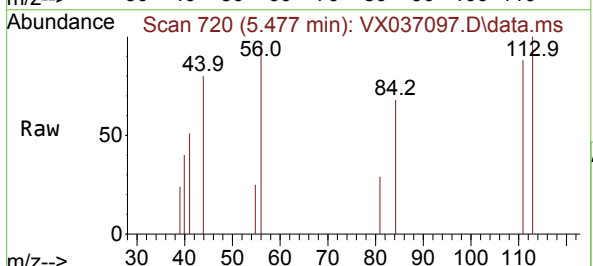
Tgt Ion: 56 Resp: 479

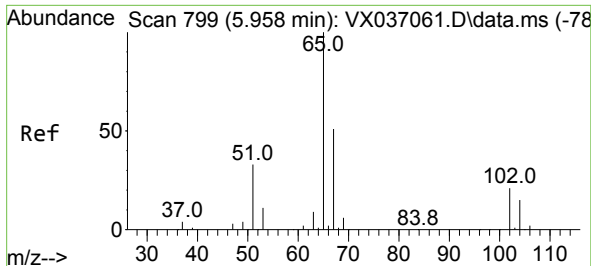
Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

84 70.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 47.382 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

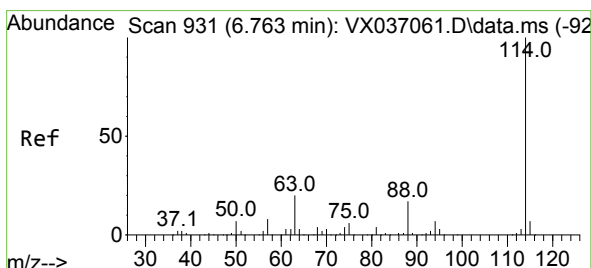
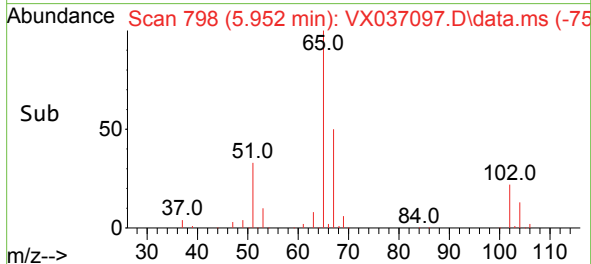
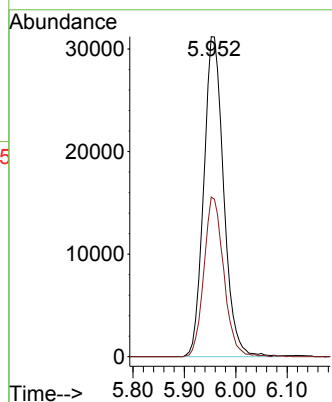
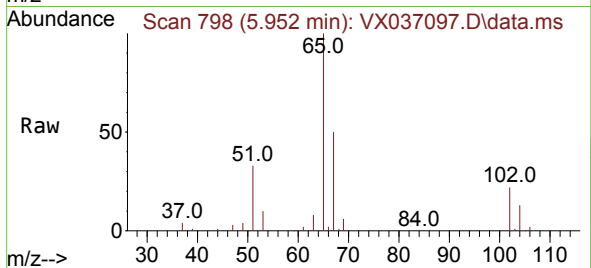
IBLK

Tgt Ion: 65 Resp: 84067

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

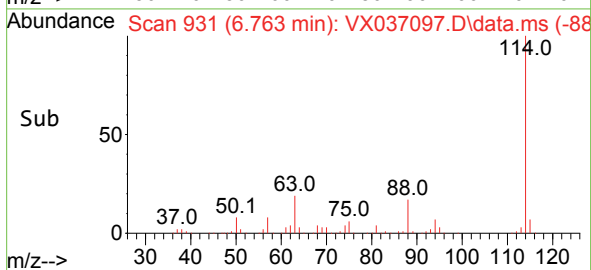
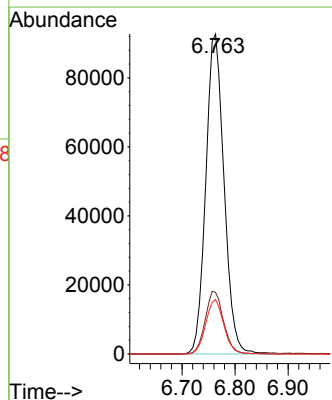
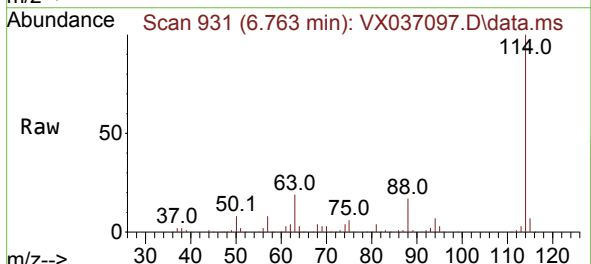
Tgt Ion:114 Resp: 221672

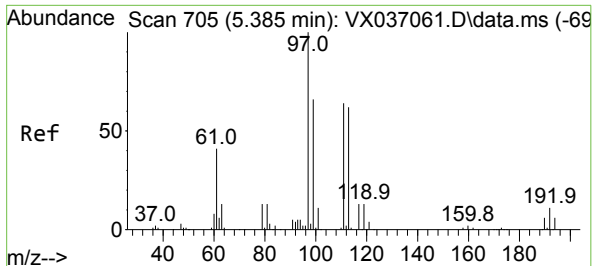
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 17.0 0.0 36.6

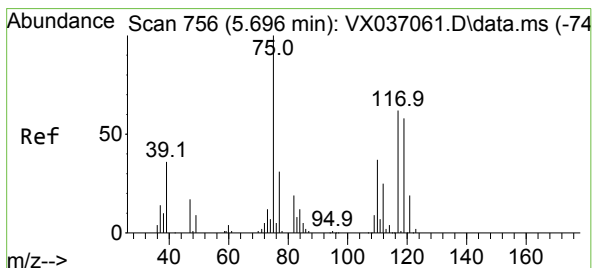
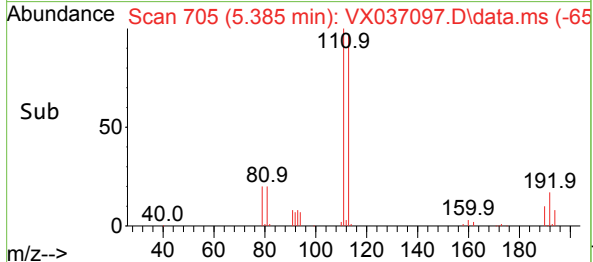
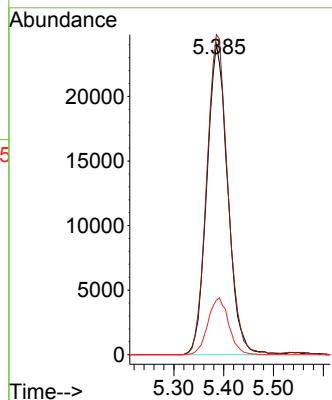
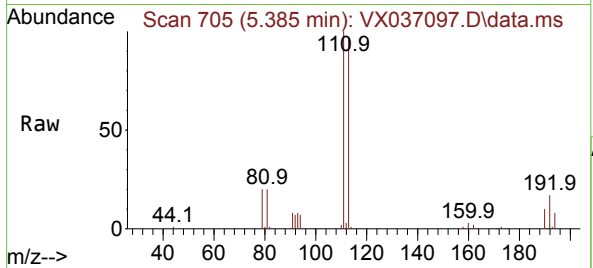




#35
Dibromofluoromethane
Concen: 47.802 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

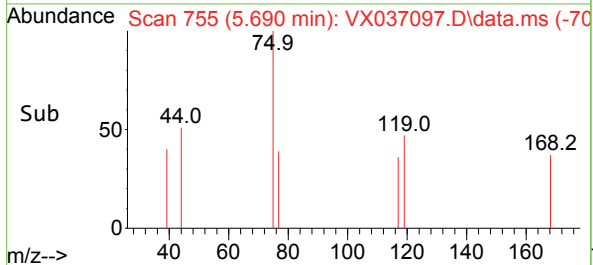
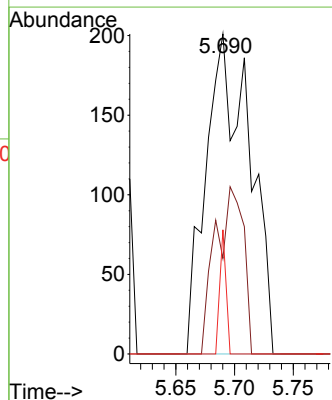
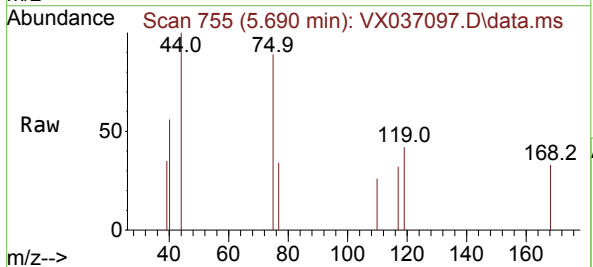
Instrument :
MSVOA_X
ClientSampleId :
IBLK

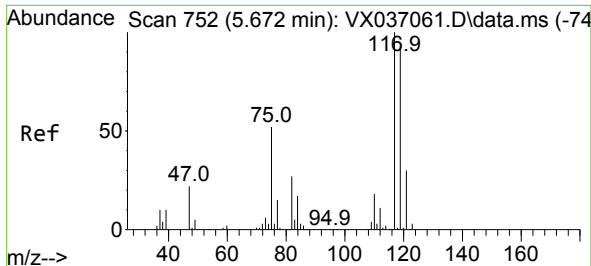
Tgt Ion:113 Resp: 70177
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.248 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
110 33.6 17.0 50.9
77 5.6 24.7 37.1#

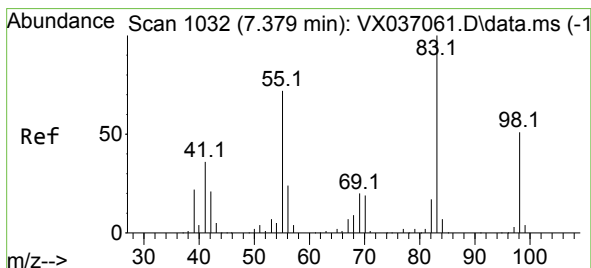
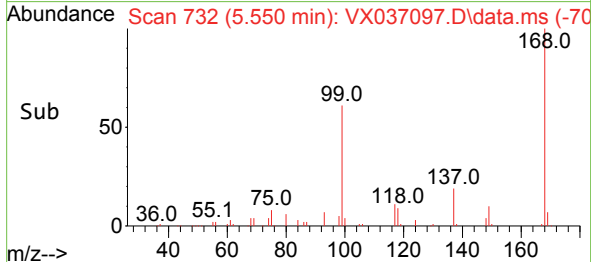
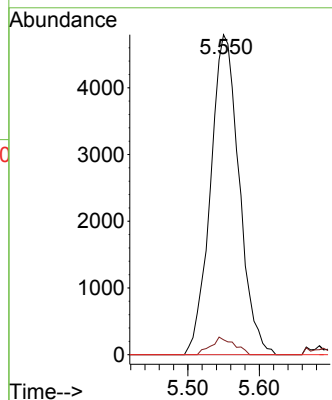
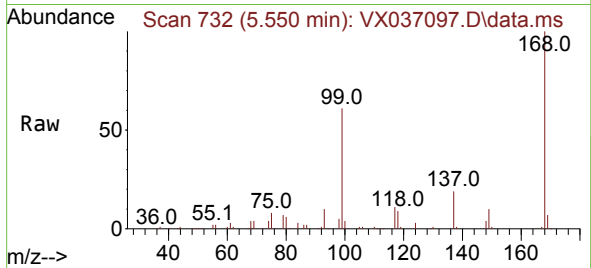




#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

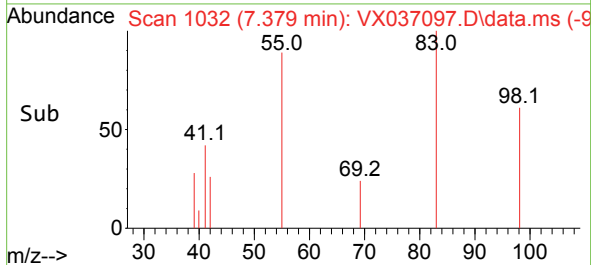
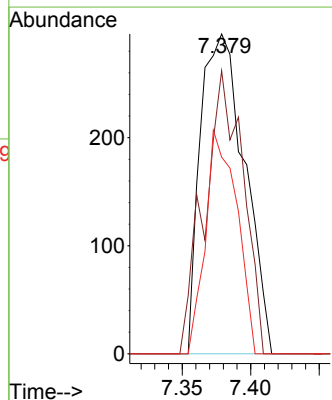
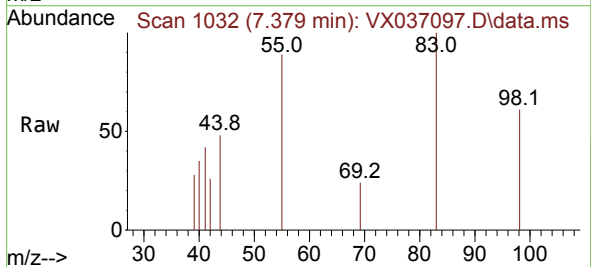
Instrument :
MSVOA_X
ClientSampleId :
IBLK

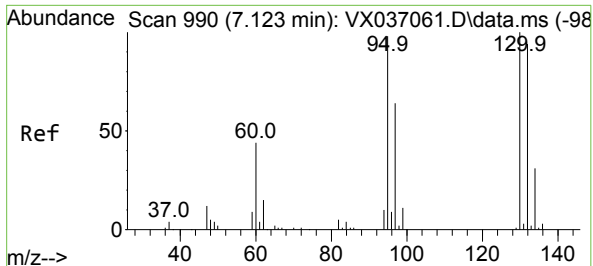
Tgt Ion:117 Resp: 13356
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.302 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 83 Resp: 662
Ion Ratio Lower Upper
83 100
55 88.5 64.6 97.0
98 61.5 36.7 55.1#

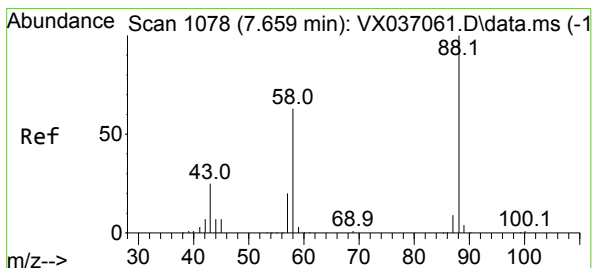
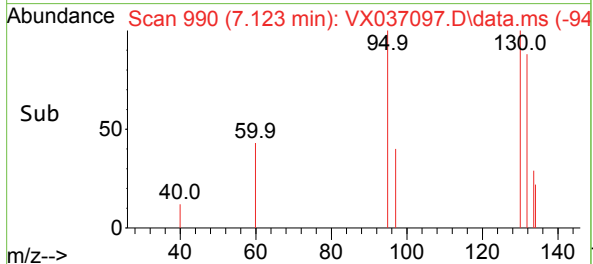
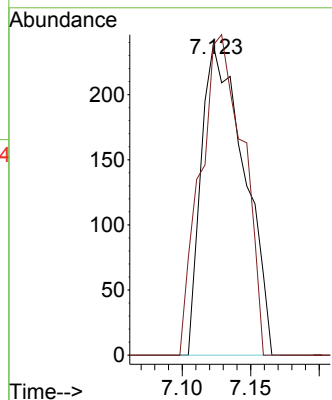
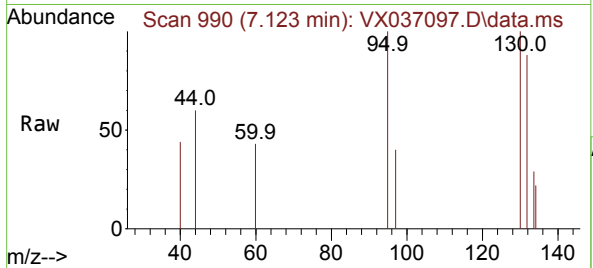




#44
Trichloroethene
Concen: 0.307 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

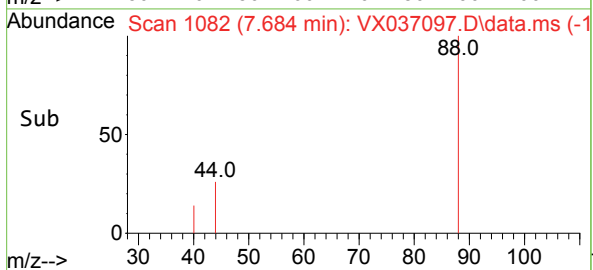
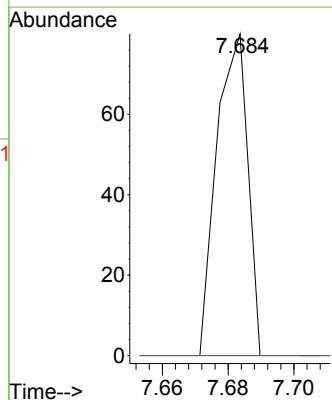
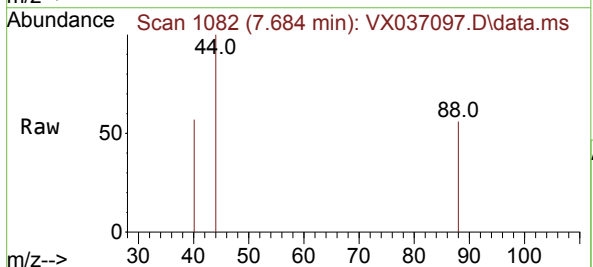
Instrument :
MSVOA_X
ClientSampleId :
IBLK

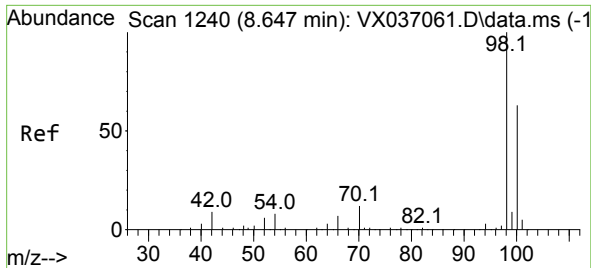
Tgt Ion:130 Resp: 520
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4



#49
1,4-Dioxane
Concen: 1.170 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

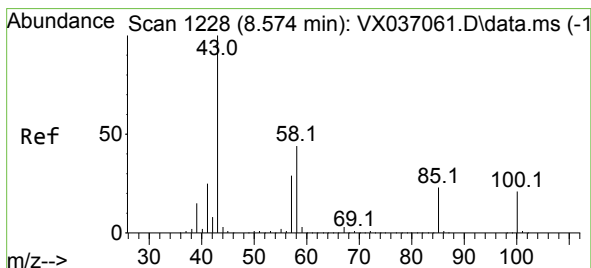
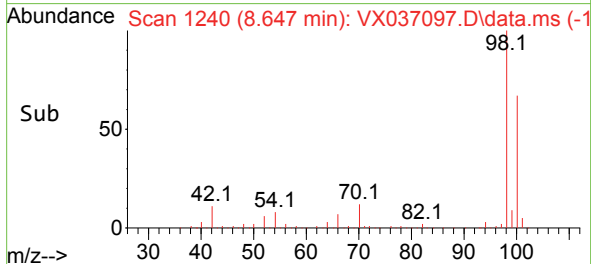
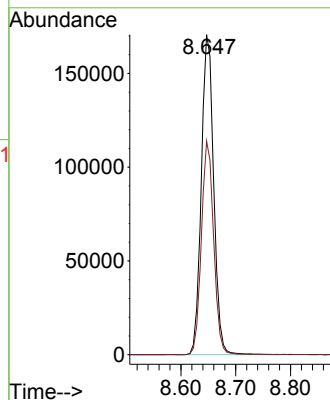
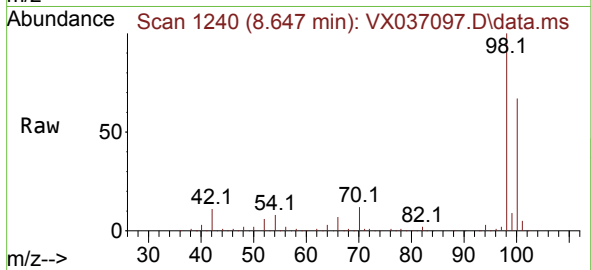




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

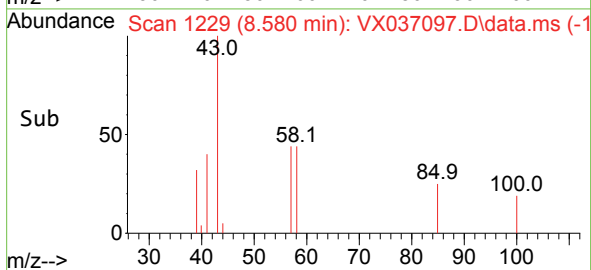
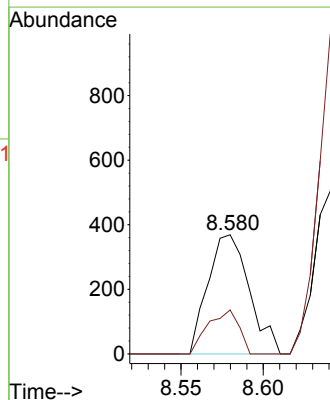
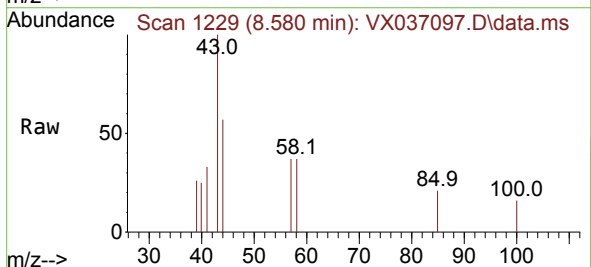
Instrument :
MSVOA_X
ClientSampleId :
IBLK

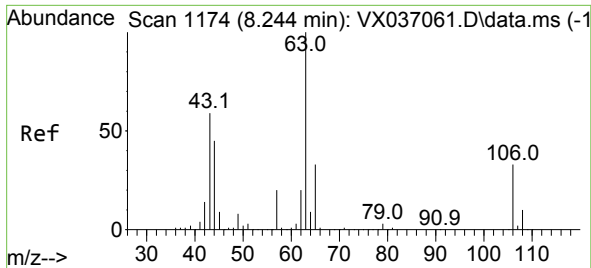
Tgt Ion: 98 Resp: 267589
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.314 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 27.5 30.4 45.6#

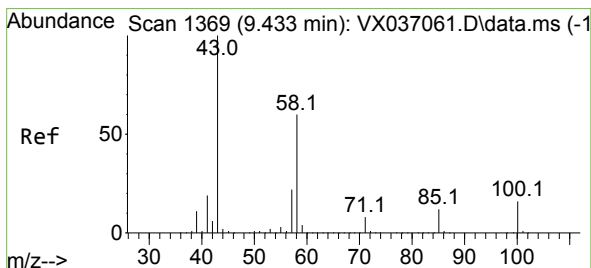
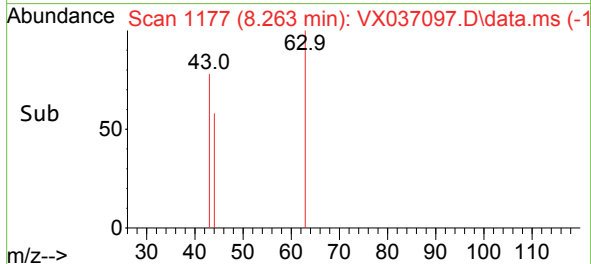
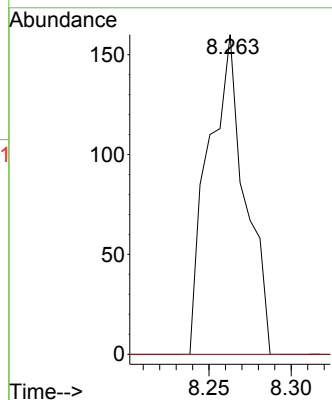
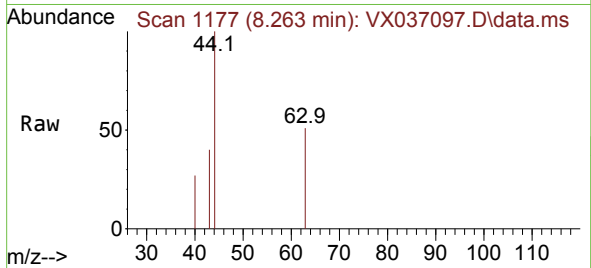




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.205 ug/l
 RT: 8.263 min Scan# 1177
 Delta R.T. 0.018 min
 Lab File: VX037097.D
 Acq: 18 Aug 2023 20:19

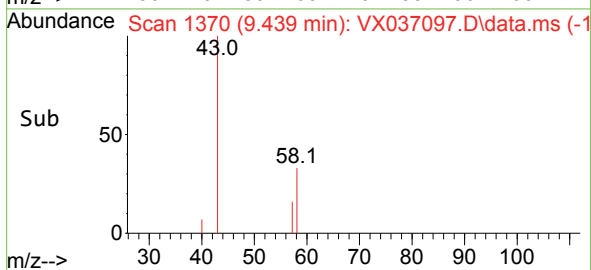
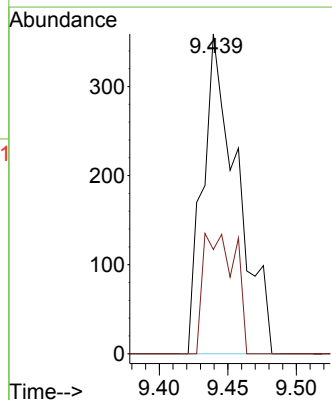
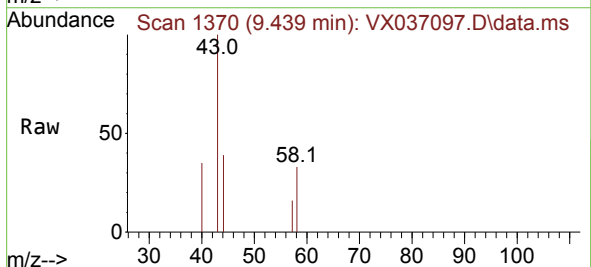
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

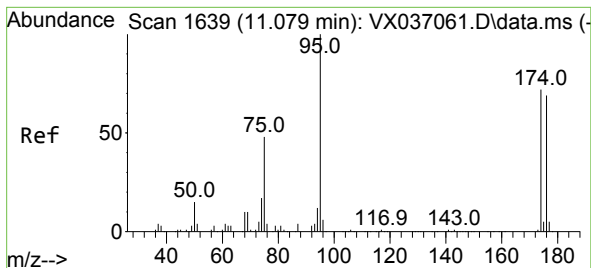
Tgt Ion: 63 Resp: 248
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#



#59
 2-Hexanone
 Concen: 0.400 ug/l
 RT: 9.439 min Scan# 1370
 Delta R.T. 0.006 min
 Lab File: VX037097.D
 Acq: 18 Aug 2023 20:19

Tgt Ion: 43 Resp: 626
 Ion Ratio Lower Upper
 43 100
 58 35.1 26.2 78.5

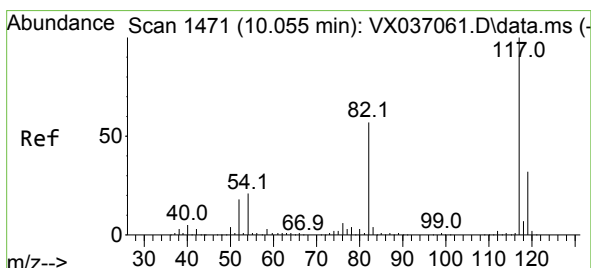
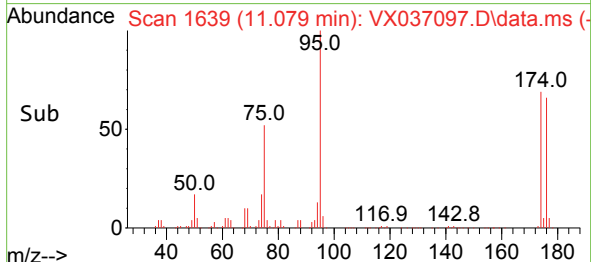
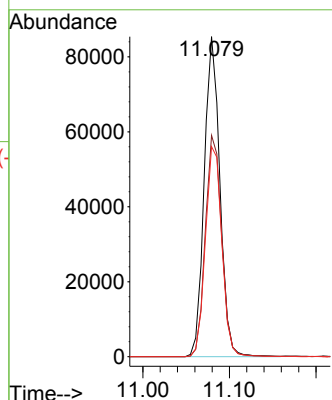
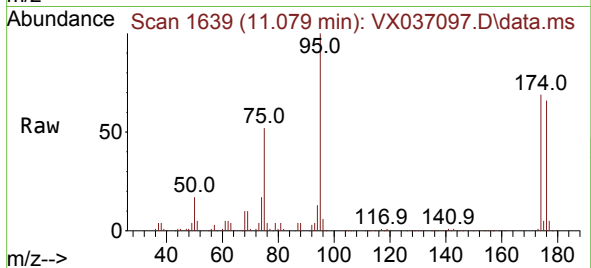




#62
4-Bromofluorobenzene
Concen: 51.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

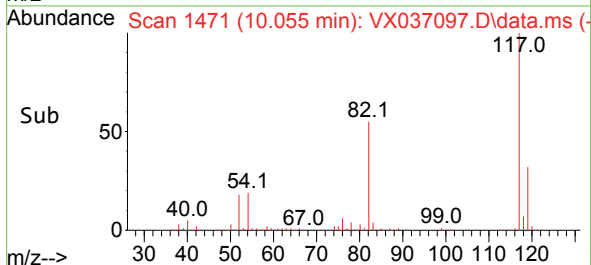
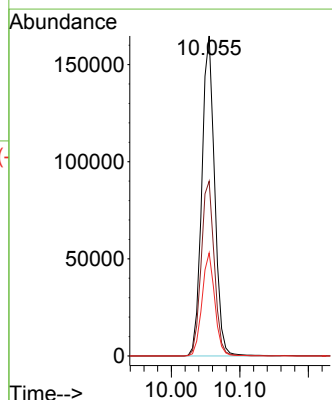
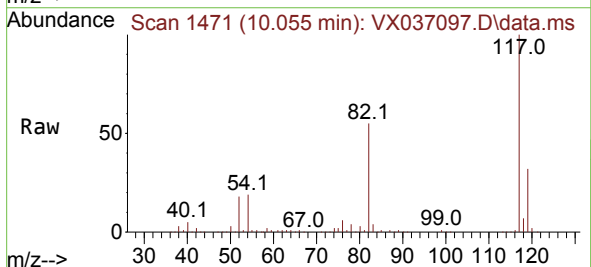
Instrument :
MSVOA_X
ClientSampleId :
IBLK

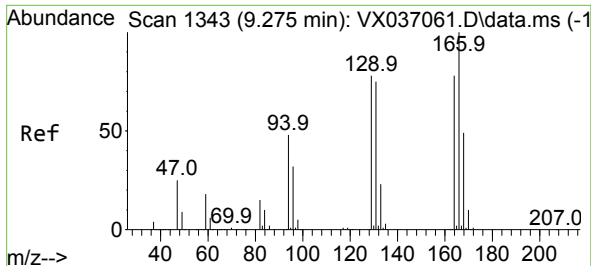
Tgt Ion: 95 Resp: 107312
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 68.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 117 Resp: 214918
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3

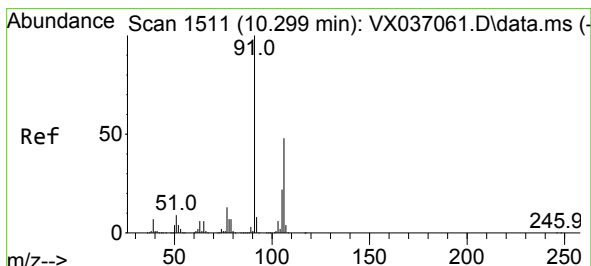
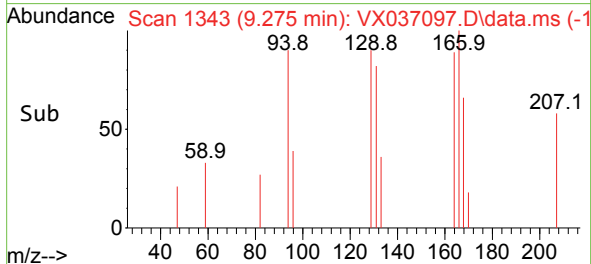
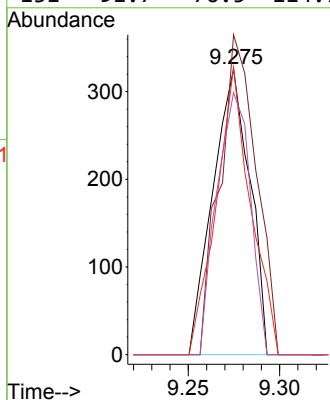
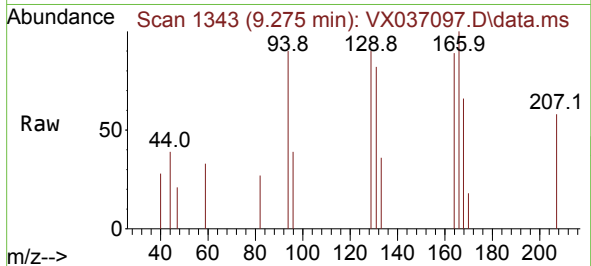




#64
Tetrachloroethene
Concen: 0.292 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

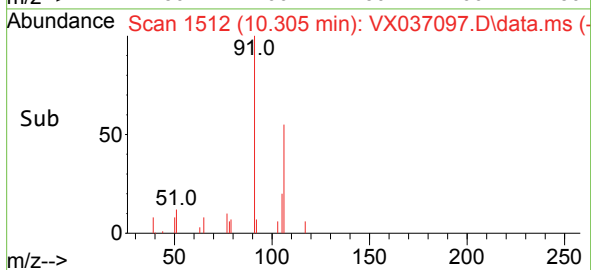
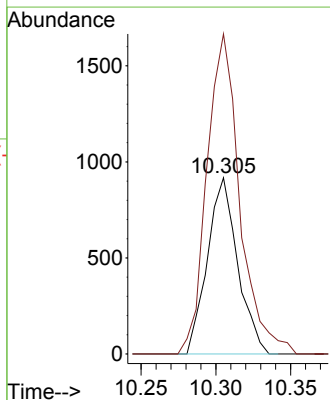
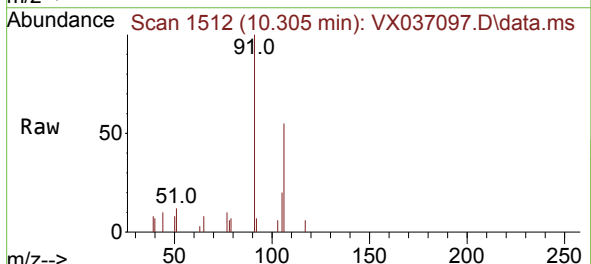
Instrument :
MSVOA_X
ClientSampleId :
IBLK

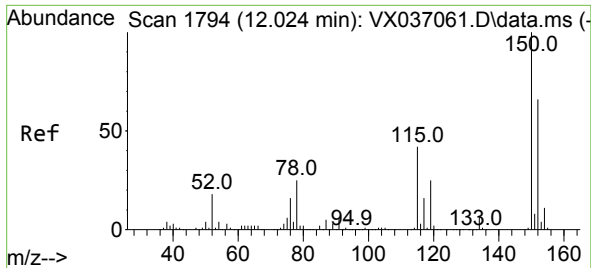
Tgt Ion:164 Resp: 458
Ion Ratio Lower Upper
164 100
166 112.0 102.7 154.1
129 100.6 80.4 120.6
131 91.7 76.5 114.7



#68
m/p-Xylenes
Concen: 0.417 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion:106 Resp: 1288
Ion Ratio Lower Upper
106 100
91 197.8 165.5 248.3

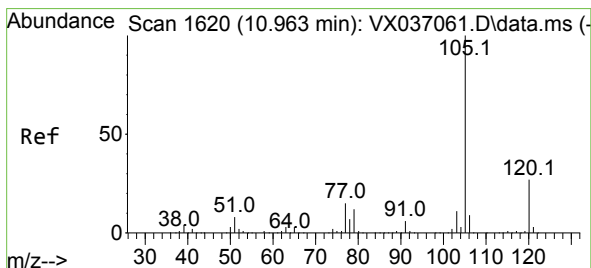
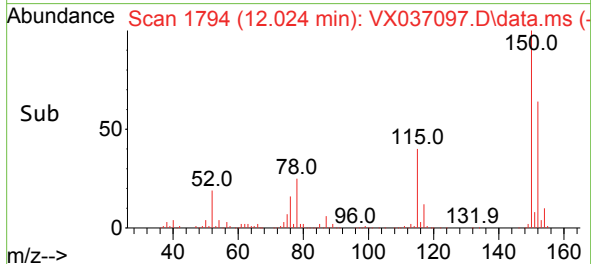
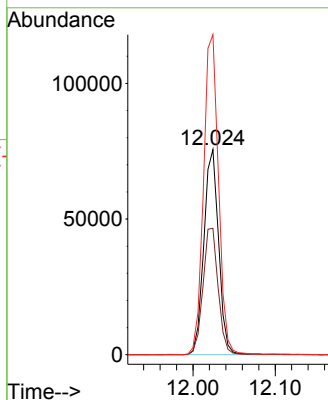
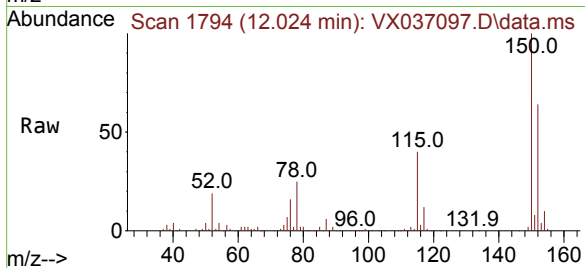




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

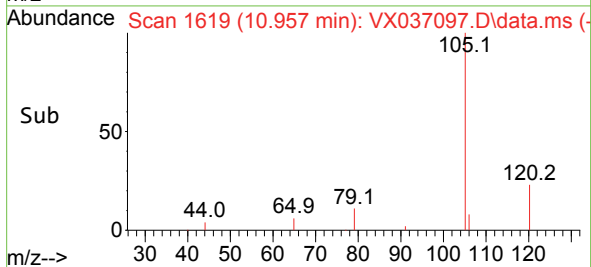
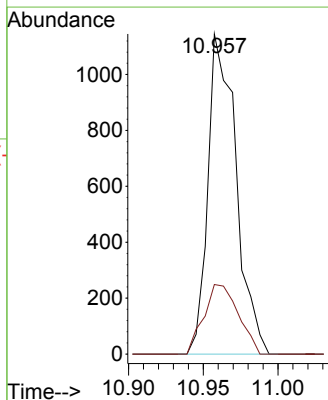
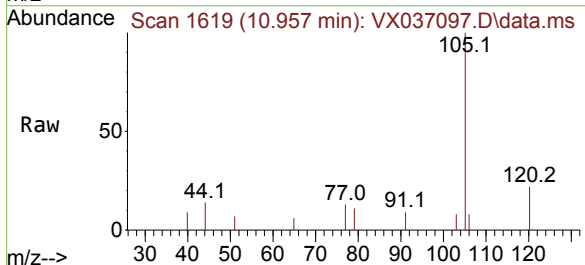
Instrument :
MSVOA_X
ClientSampleId :
IBLK

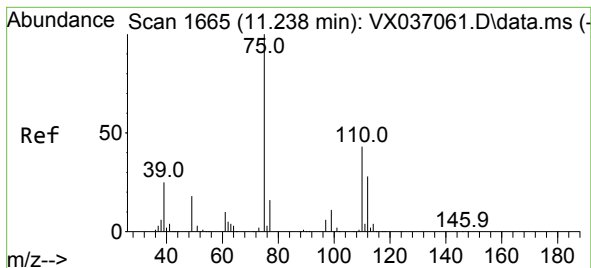
Tgt Ion:152 Resp: 94514
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 158.0 0.0 345.0



#73
Isopropylbenzene
Concen: 0.218 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion:105 Resp: 1496
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 27.416 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

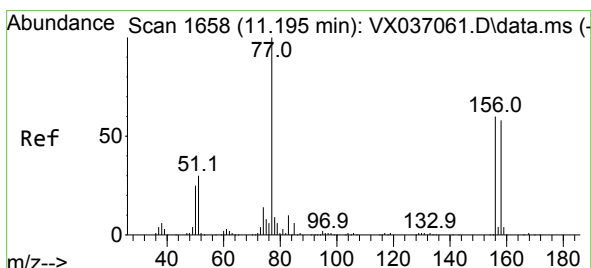
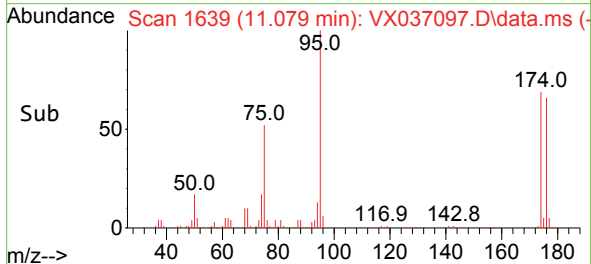
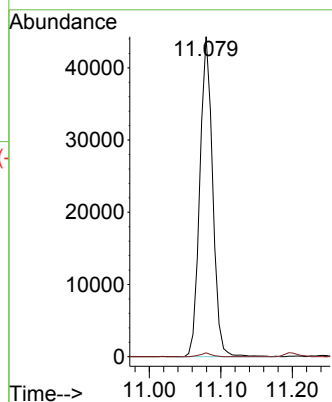
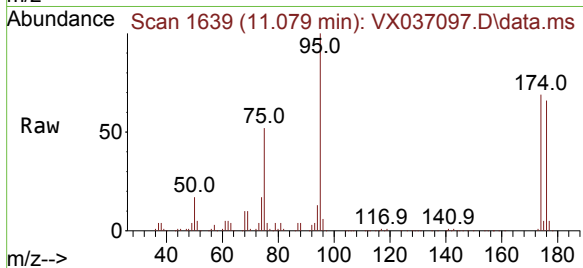
IBLK

Tgt Ion: 75 Resp: 55185

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#77

Bromobenzene

Concen: 0.204 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

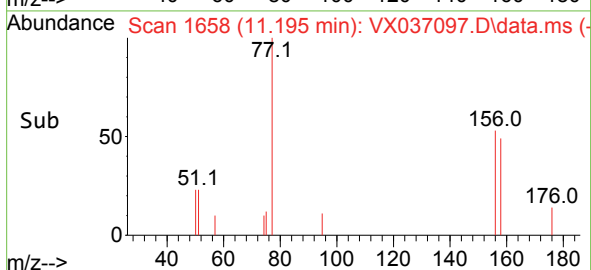
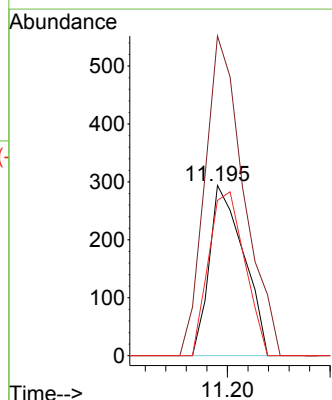
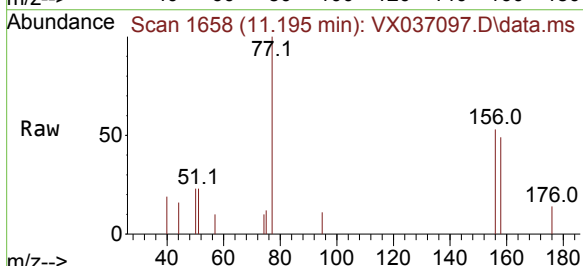
Tgt Ion: 156 Resp: 342

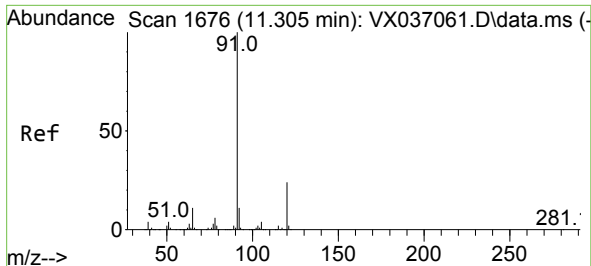
Ion Ratio Lower Upper

156 100

77 212.3 88.4 265.3

158 100.9 48.0 144.0

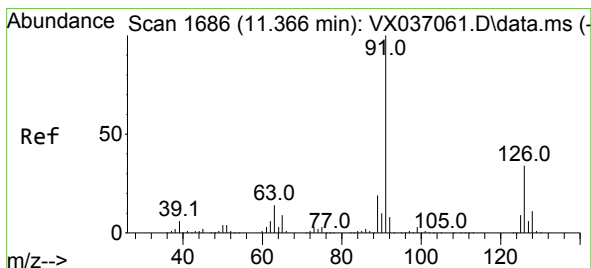
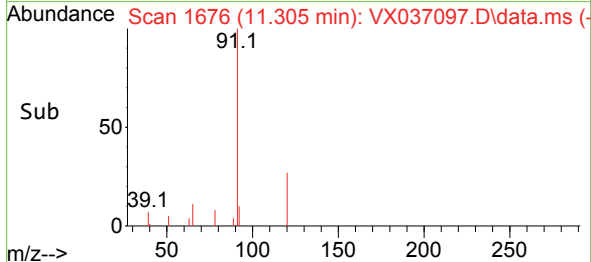
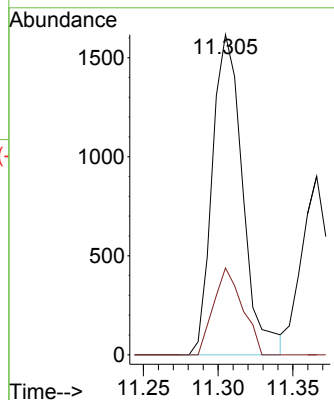
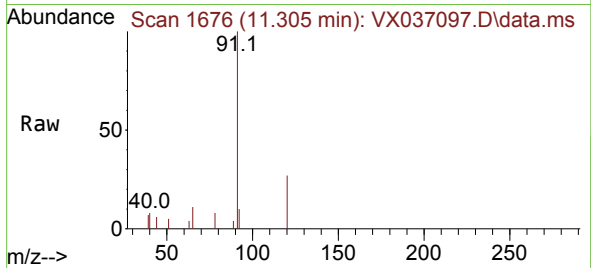




#78
n-propylbenzene
Concen: 0.299 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

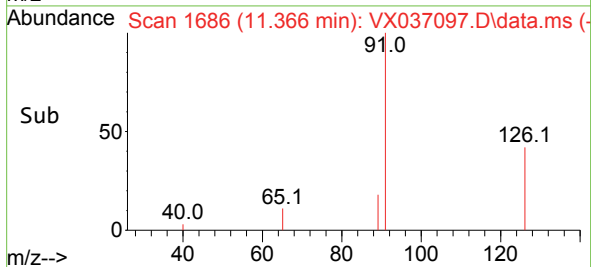
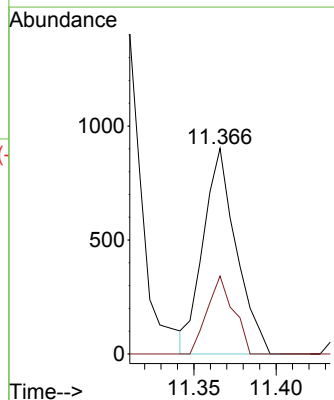
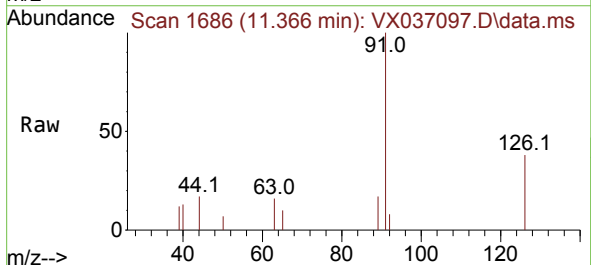
Instrument :
MSVOA_X
ClientSampleId :
IBLK

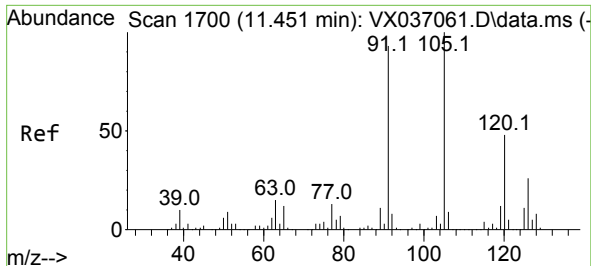
Tgt Ion: 91 Resp: 2288
Ion Ratio Lower Upper
91 100
120 25.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.258 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 91 Resp: 1260
Ion Ratio Lower Upper
91 100
126 30.0 16.3 48.8

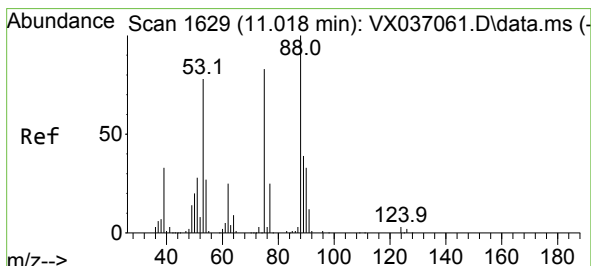
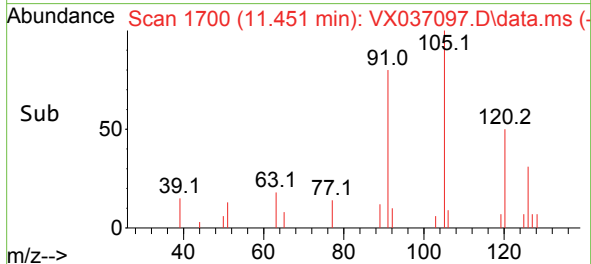
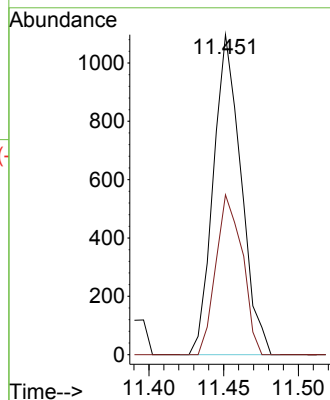
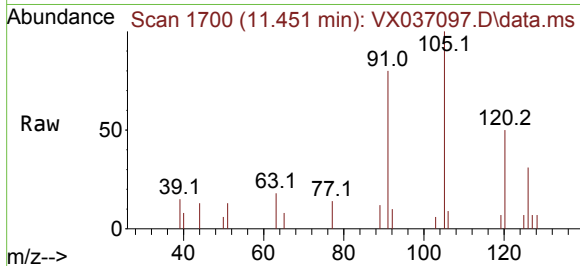




#80
1,3,5-Trimethylbenzene
Concen: 0.247 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

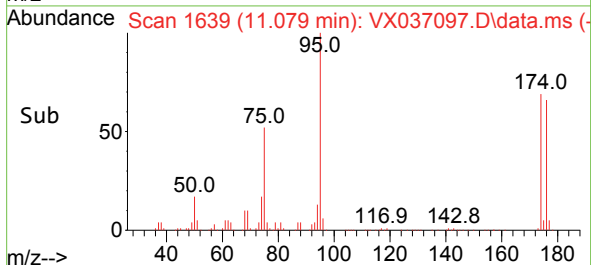
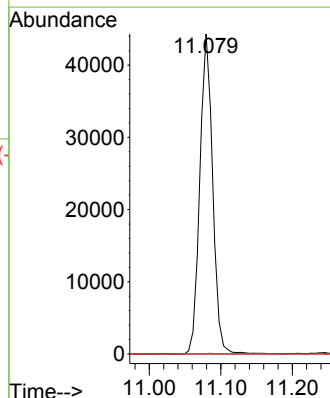
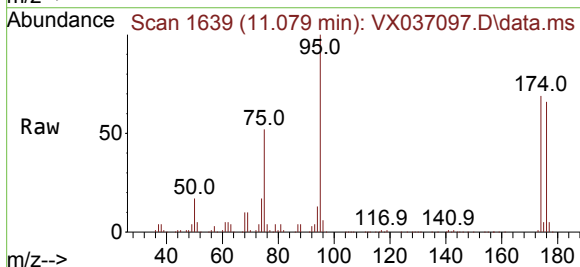
Instrument :
MSVOA_X
ClientSampleId :
IBLK

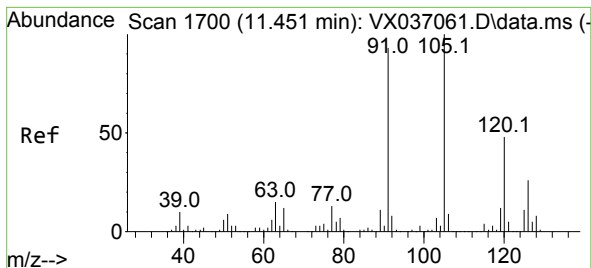
Tgt Ion:105 Resp: 1416
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 76.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 75 Resp: 55185
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.296 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

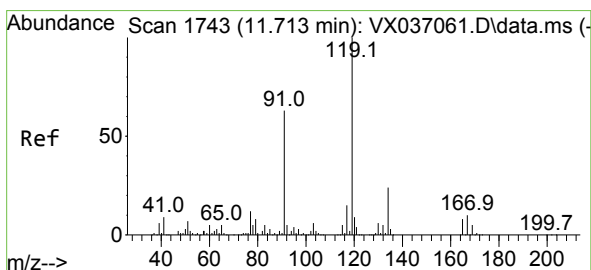
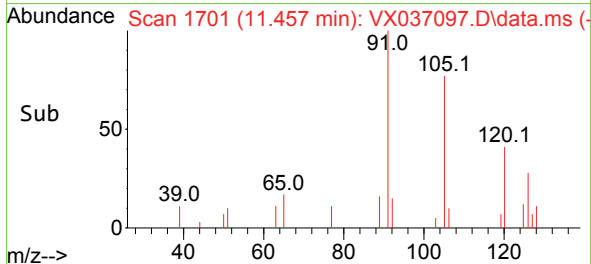
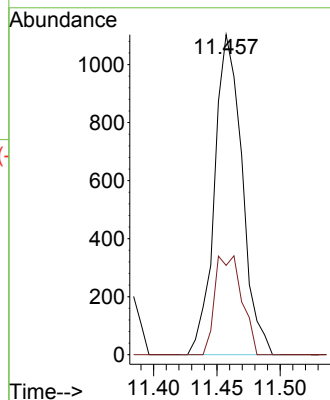
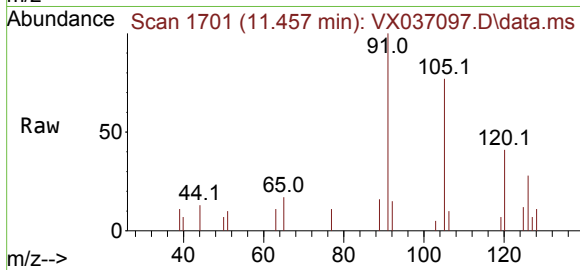
IBLK

Tgt Ion: 91 Resp: 1673

Ion Ratio Lower Upper

91 100

126 30.2 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.259 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

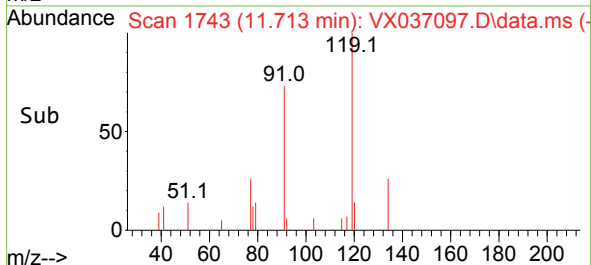
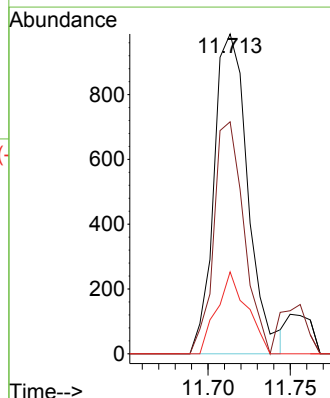
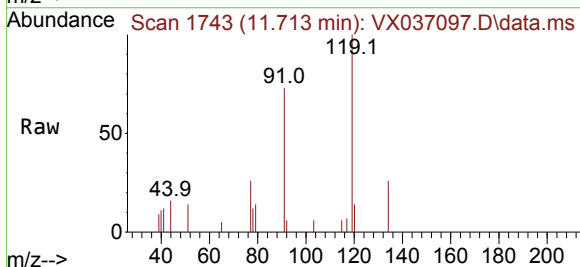
Tgt Ion: 119 Resp: 1414

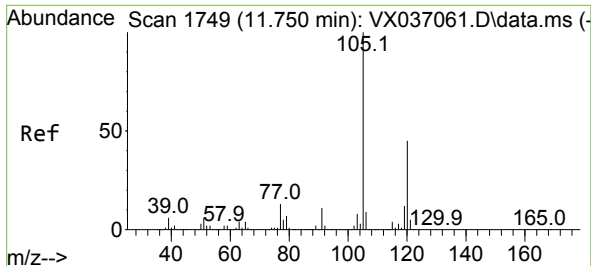
Ion Ratio Lower Upper

119 100

91 64.5 31.2 93.6

134 22.7 11.7 35.0

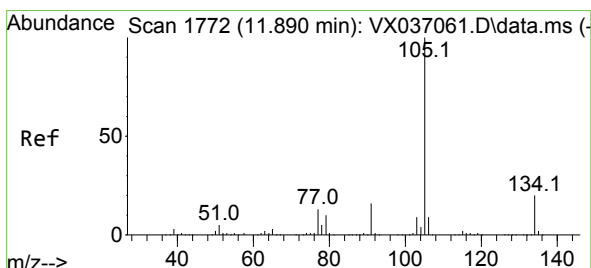
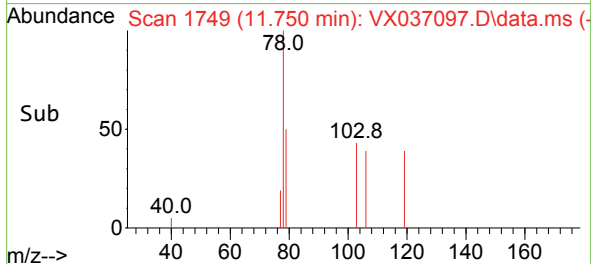
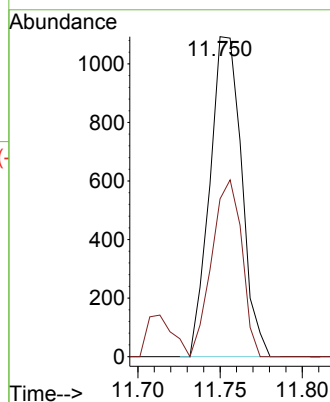
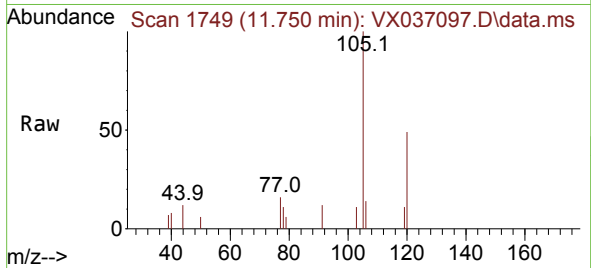




#84
1,2,4-Trimethylbenzene
Concen: 0.254 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

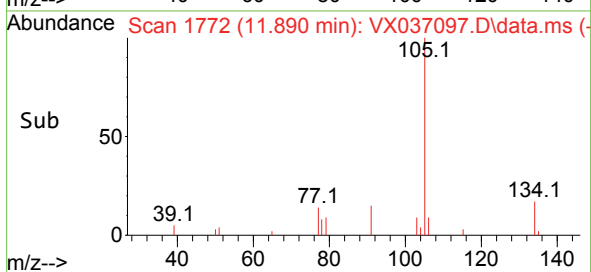
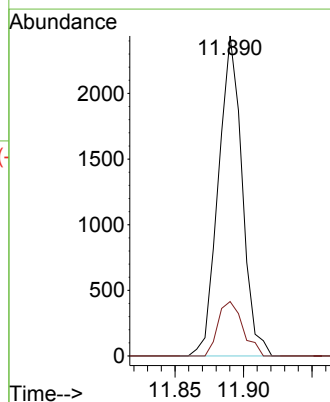
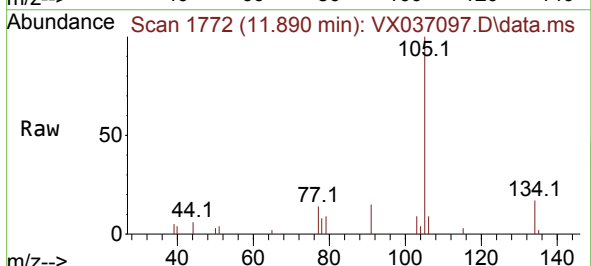
Instrument :
MSVOA_X
ClientSampleId :
IBLK

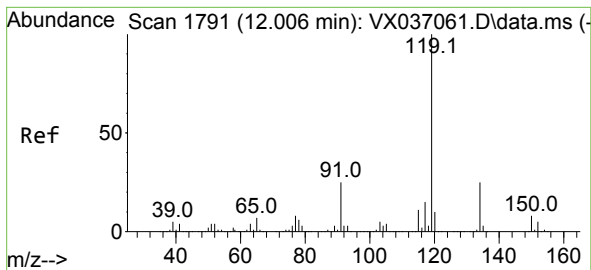
Tgt Ion:105 Resp: 1472
Ion Ratio Lower Upper
105 100
120 52.1 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.459 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion:105 Resp: 2931
Ion Ratio Lower Upper
105 100
134 17.8 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.467 ug/l

RT: 12.006 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

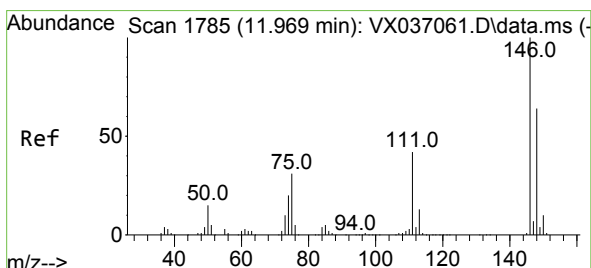
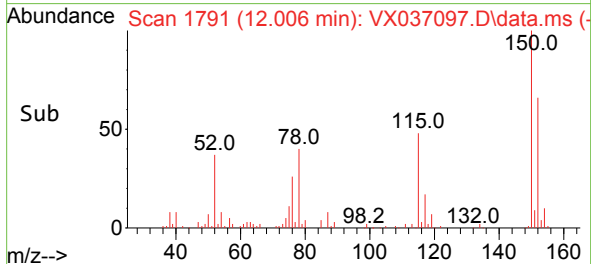
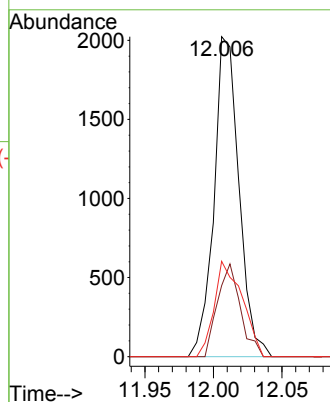
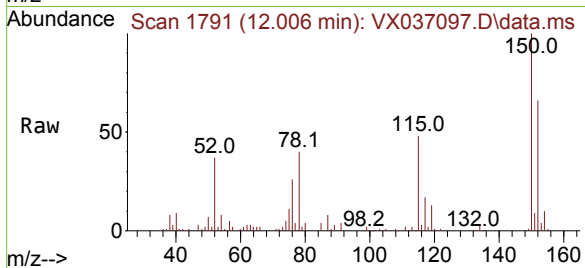
Tgt Ion:119 Resp: 2565

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

91 33.4 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.382 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

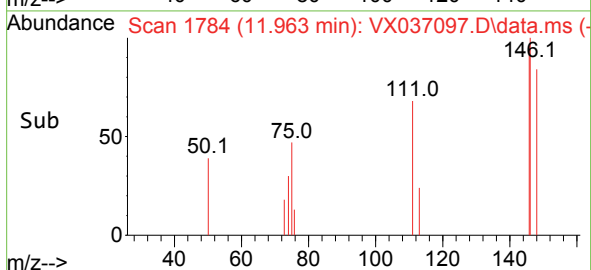
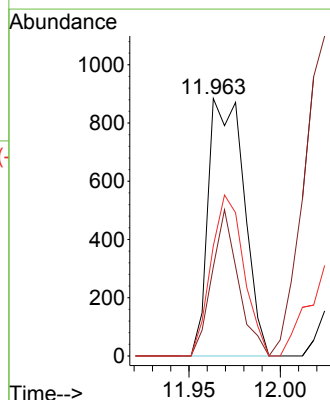
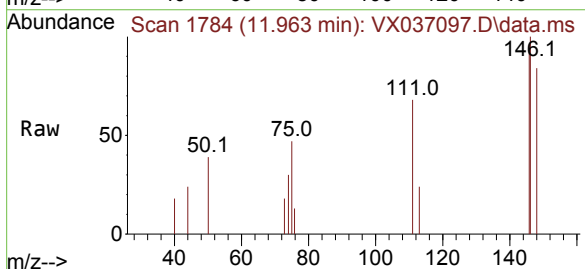
Tgt Ion:146 Resp: 1201

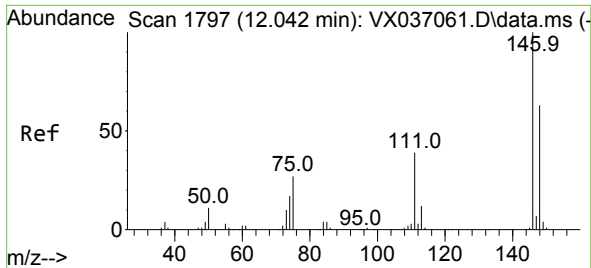
Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

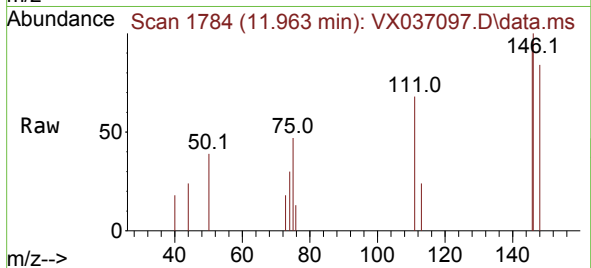
148 57.3 31.8 95.3



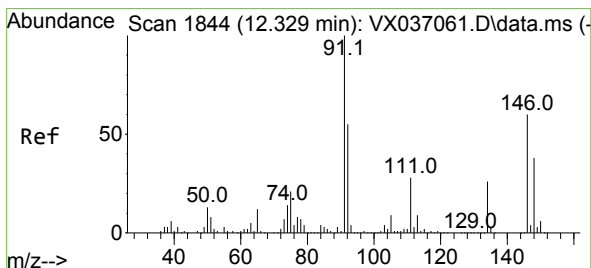
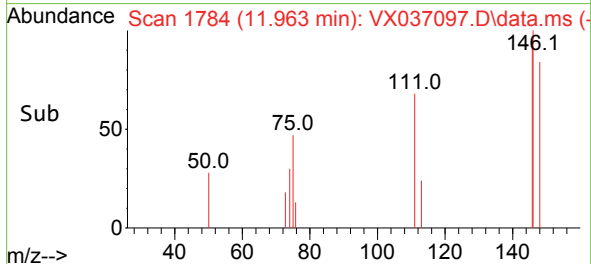
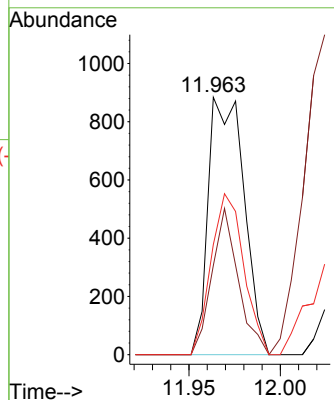


#88
1,4-Dichlorobenzene
Concen: 0.370 ug/l
RT: 11.963 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Instrument :
MSVOA_X
ClientSampleId :
IBLK

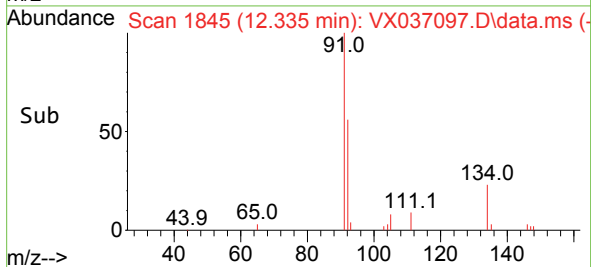
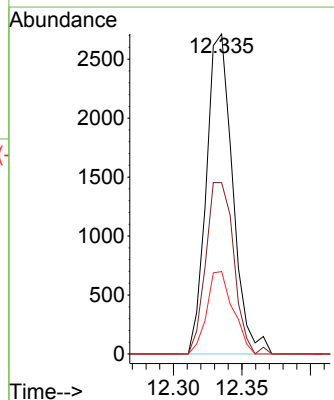
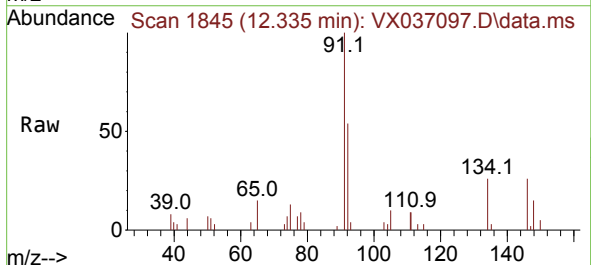


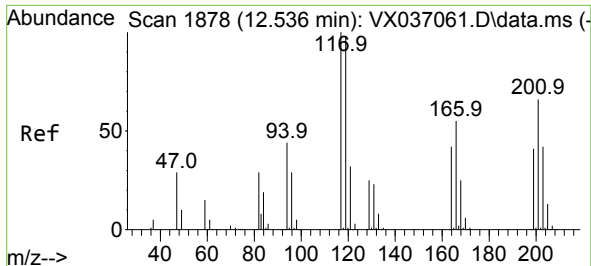
Tgt Ion:146 Resp: 1201
Ion Ratio Lower Upper
146 100
111 42.0 21.3 63.7
148 57.3 31.8 95.4



#89
n-Butylbenzene
Concen: 0.797 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion: 91 Resp: 3630
Ion Ratio Lower Upper
91 100
92 56.8 27.4 82.0
134 25.7 12.6 37.8

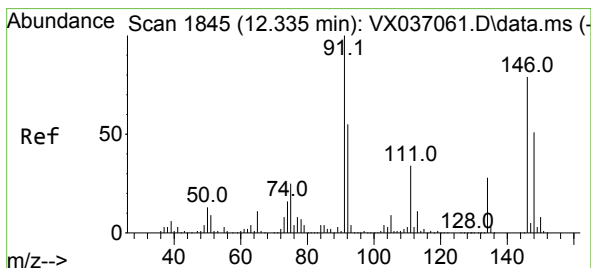
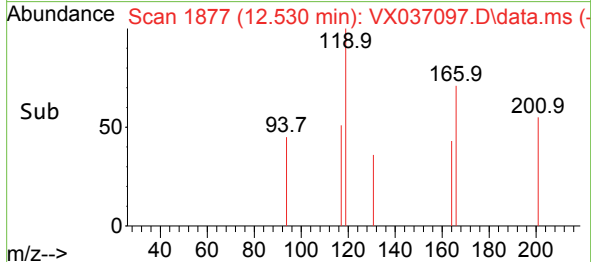
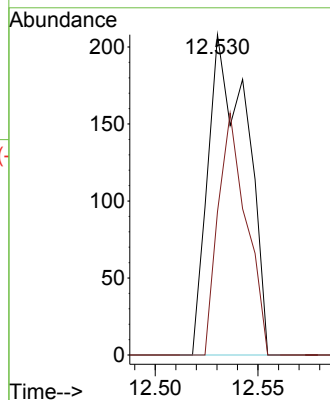
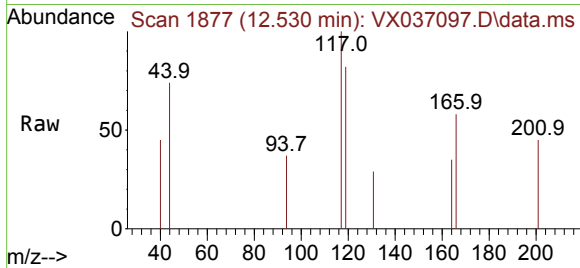




#90
Hexachloroethane
Concen: 0.298 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

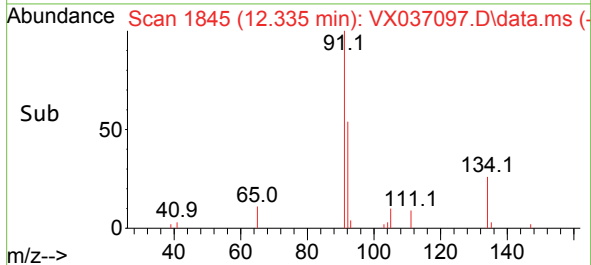
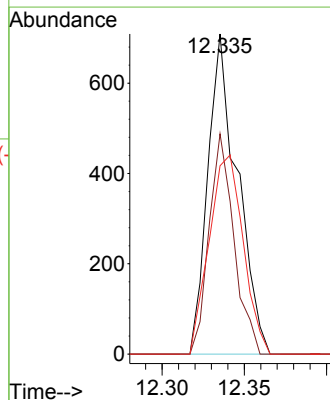
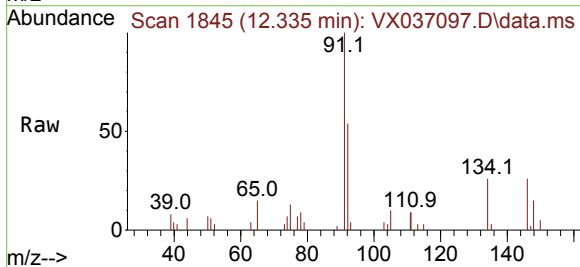
Instrument :
MSVOA_X
ClientSampleId :
IBLK

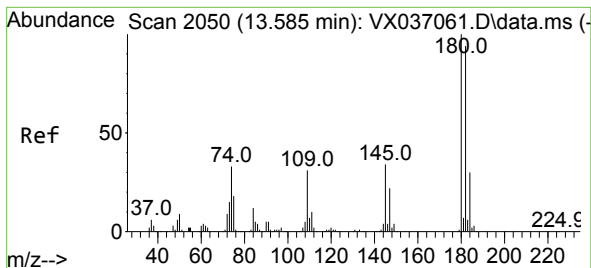
Tgt Ion:117 Resp: 273
Ion Ratio Lower Upper
117 100
201 54.9 32.9 98.6



#91
1,2-Dichlorobenzene
Concen: 0.288 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037097.D
Acq: 18 Aug 2023 20:19

Tgt Ion:146 Resp: 886
Ion Ratio Lower Upper
146 100
111 57.8 22.4 67.0
148 71.7 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.778 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

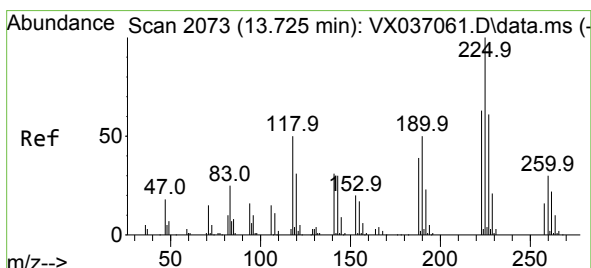
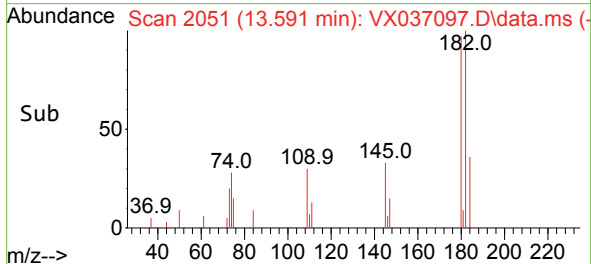
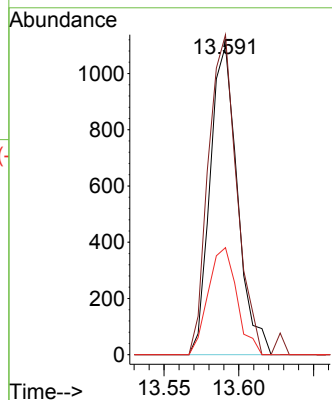
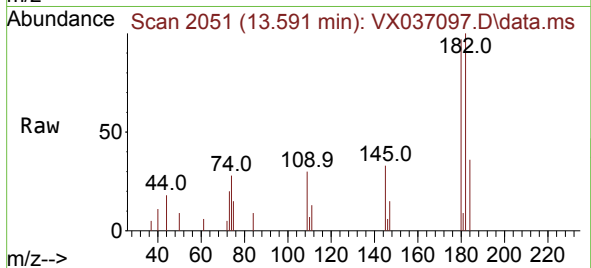
Tgt Ion:180 Resp: 1400

Ion Ratio Lower Upper

180 100

182 106.8 48.3 144.8

145 36.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 3.078 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

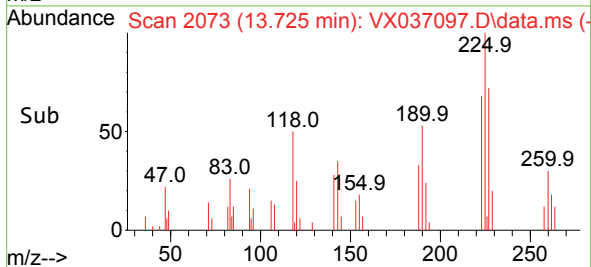
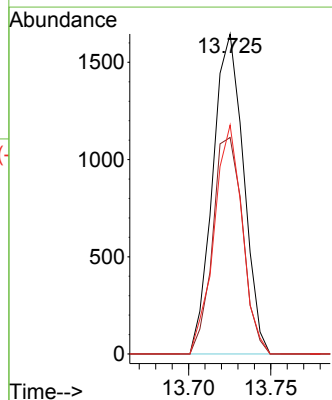
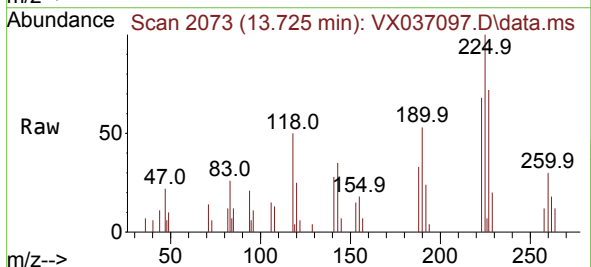
Tgt Ion:225 Resp: 2140

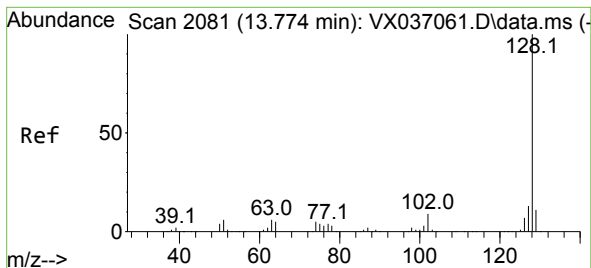
Ion Ratio Lower Upper

225 100

223 66.3 31.1 93.2

227 65.8 32.5 97.5





#95

Naphthalene

Concen: 0.944 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

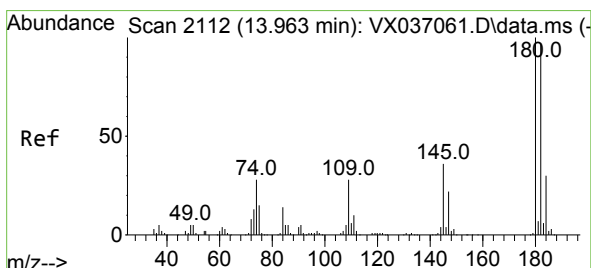
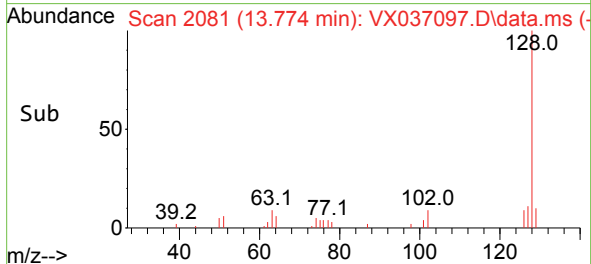
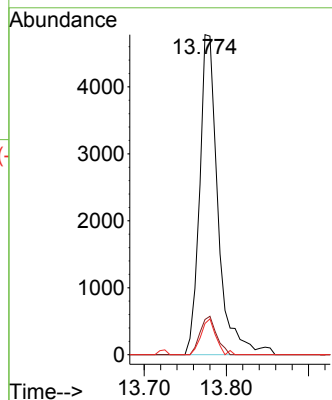
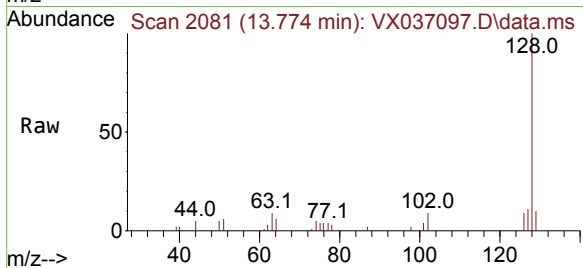
Tgt Ion:128 Resp: 7443

Ion Ratio Lower Upper

128 100

127 10.6 10.3 15.5

129 9.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.903 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037097.D

Acq: 18 Aug 2023 20:19

Tgt Ion:180 Resp: 1614

Ion Ratio Lower Upper

180 100

182 89.7 46.9 140.6

145 30.9 17.8 53.5

