

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040015.D
 Acq On : 30 Jan 2024 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 31 05:09:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61905	44.961	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.920%
35) Dibromofluoromethane	5.385	113	49555	47.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	8.647	98	183270	47.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.740%
62) 4-Bromofluorobenzene	11.079	95	71925	48.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	546	0.567	ug/l	82
3) Chloromethane	1.301	50	208	0.228	ug/l	99
4) Vinyl Chloride	1.374	62	304	0.360	ug/l #	43
5) Bromomethane	1.612	94	216	0.263	ug/l	96
6) Chloroethane	1.685	64	124	0.222	ug/l #	43
7) Trichlorofluoromethane	1.892	101	666	0.495	ug/l #	70
9) 1,1,2-Trichlorotrifluo...	2.331	101	466	0.464	ug/l #	93
10) Methyl Iodide	2.453	142	439	0.411	ug/l #	73
11) Tert butyl alcohol	2.953	59	849	3.398	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	542	0.563	ug/l	96
13) Acrolein	2.233	56	604	2.523	ug/l	100
14) Allyl chloride	2.654	41	416	0.240	ug/l #	48
15) Acrylonitrile	3.069	53	1590	2.541	ug/l	97
16) Acetone	2.374	43	1150	1.783	ug/l	99
17) Carbon Disulfide	2.514	76	5549	1.972	ug/l	96
18) Methyl Acetate	2.709	43	517	0.338	ug/l #	89
20) Methylene Chloride	2.800	84	609	0.531	ug/l #	62
21) trans-1,2-Dichloroethene	3.093	96	1062	1.002	ug/l #	71
23) Vinyl Acetate	3.745	43	1352	0.450	ug/l #	86
25) 2-Butanone	4.581	43	1180	1.316	ug/l	93
29) Tetrahydrofuran	5.013	42	199	0.349	ug/l #	60
31) Cyclohexane	5.465	56	604	0.350	ug/l #	81
36) 1,1-Dichloropropene	5.690	75	875	0.585	ug/l #	74
38) Carbon Tetrachloride	5.550	117	9777	6.829	ug/l #	15
39) Methylcyclohexane	7.385	83	761	0.418	ug/l #	70
42) 1,2-Dichloroethane	6.099	62	358	0.213	ug/l #	77
44) Trichloroethene	7.135	130	556	0.485	ug/l	85
46) Dibromomethane	7.586	93	282	0.327	ug/l #	78
49) 1,4-Dioxane	7.678	88	296	10.731	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	1131	0.643	ug/l	88
52) Toluene	8.714	92	849	0.313	ug/l	89
53) t-1,3-Dichloropropene	8.982	75	538	0.337	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.257	63	361	0.437	ug/l #	47
59) 2-Hexanone	9.446	43	1432	1.021	ug/l	91
61) 1,2-Dibromoethane	9.616	107	325	0.267	ug/l	87
64) Tetrachloroethene	9.269	164	519	0.548	ug/l #	75

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040015.D
 Acq On : 30 Jan 2024 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

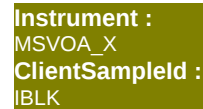
Quant Time: Jan 31 05:09:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

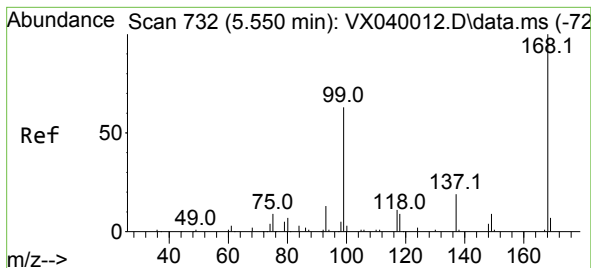
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.080	112	1268	0.421	ug/l #	76
67) Ethyl Benzene	10.195	91	1870	0.346	ug/l	94
68) m/p-Xylenes	10.305	106	1630	0.802	ug/l	93
69) o-Xylene	10.640	106	465	0.241	ug/l	75
70) Styrene	10.665	104	1105	0.340	ug/l	89
71) Bromoform	10.805	173	86	0.691	ug/l #	29
73) Isopropylbenzene	10.964	105	1623	0.337	ug/l	91
74) N-amyl acetate	10.854	43	530	0.441	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	38893	27.242	ug/l #	38
77) Bromobenzene	11.195	156	588	0.529	ug/l	91
78) n-propylbenzene	11.305	91	2986	0.504	ug/l	98
79) 2-Chlorotoluene	11.366	91	1910	0.536	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	1650	0.399	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	38893	79.415	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2495	0.610	ug/l	99
83) tert-Butylbenzene	11.713	119	1324	0.334	ug/l	80
84) 1,2,4-Trimethylbenzene	11.756	105	1756	0.425	ug/l	97
85) sec-Butylbenzene	11.890	105	2659	0.507	ug/l	94
86) p-Isopropyltoluene	12.012	119	2177	0.508	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	1624	0.725	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	1624	0.708	ug/l	95
89) n-Butylbenzene	12.335	91	3403	0.818	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	1208	0.559	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.939	75	111	0.271	ug/l	71
93) 1,2,4-Trichlorobenzene	13.585	180	1851	1.371	ug/l	95
94) Hexachlorobutadiene	13.725	225	1653	3.108	ug/l	97
95) Naphthalene	13.774	128	7700	1.679	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2071	1.551	ug/l	96

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

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Instrument :
MSVOA_X
ClientSampleId :
IBLK





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

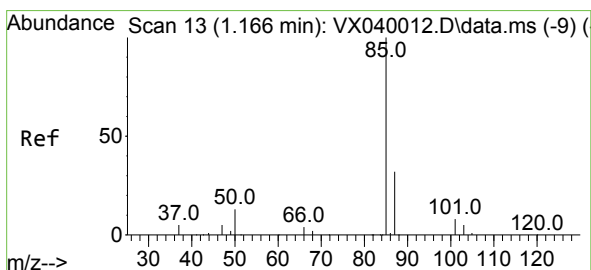
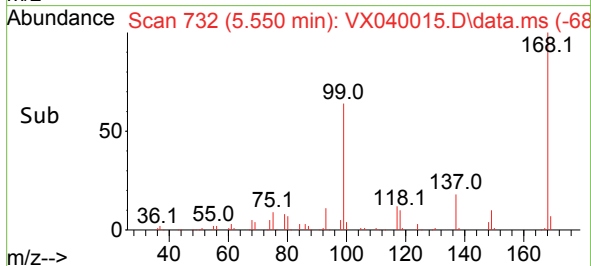
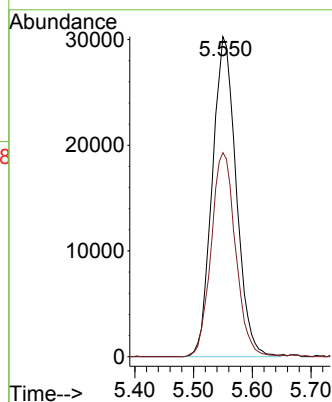
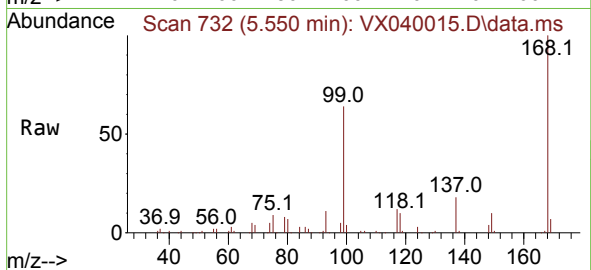
IBLK

Tgt Ion:168 Resp: 85552

Ion Ratio Lower Upper

168 100

99 63.8 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 0.567 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX040015.D

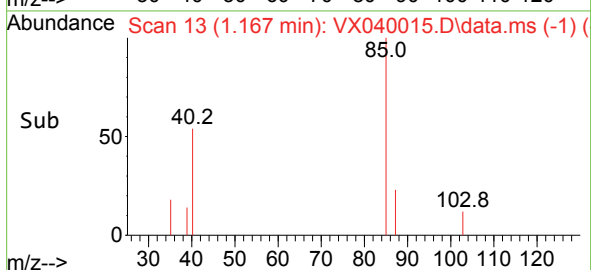
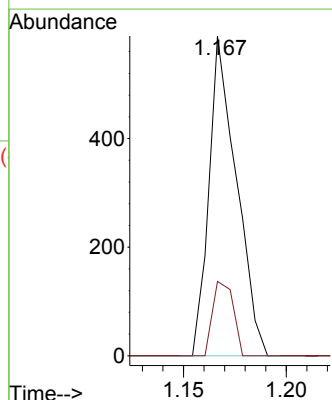
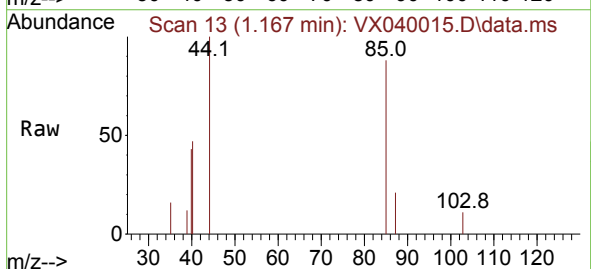
Acq: 30 Jan 2024 12:51

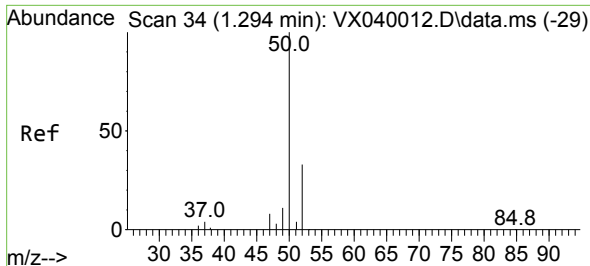
Tgt Ion: 85 Resp: 546

Ion Ratio Lower Upper

85 100

87 23.3 16.7 50.1

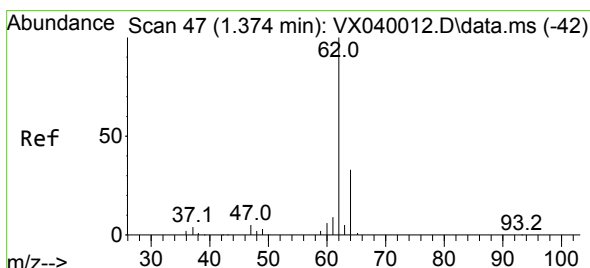
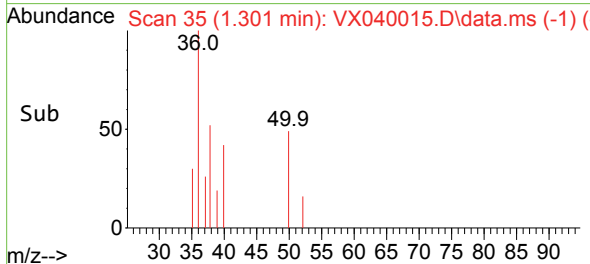
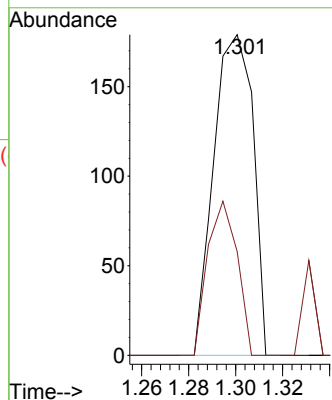
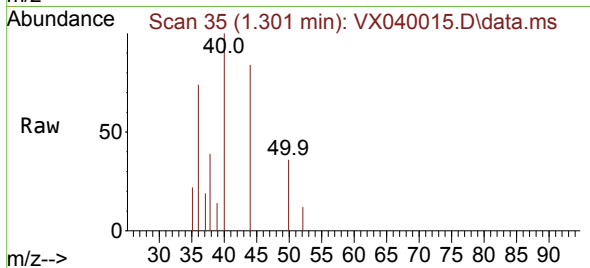




#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

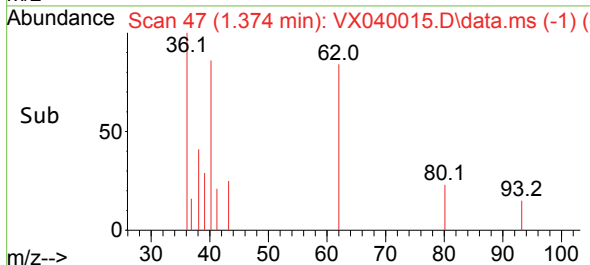
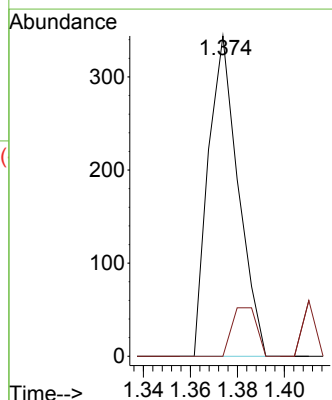
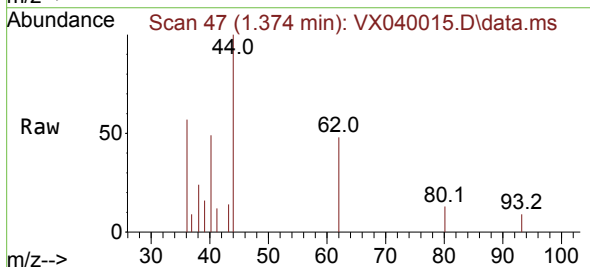
Instrument :
MSVOA_X
ClientSampleId :
IBLK

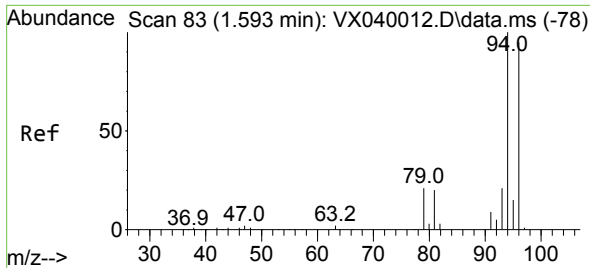
Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 0.360 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 62 Resp: 304
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

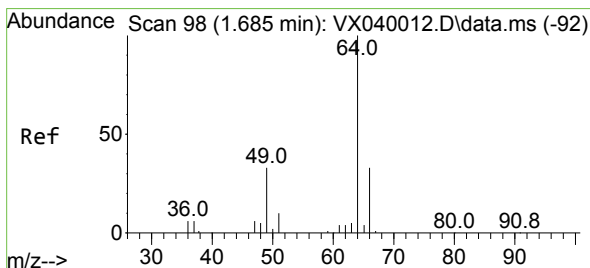
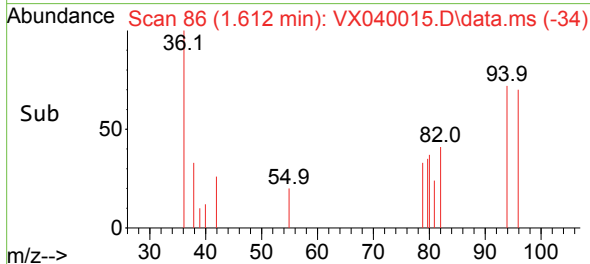
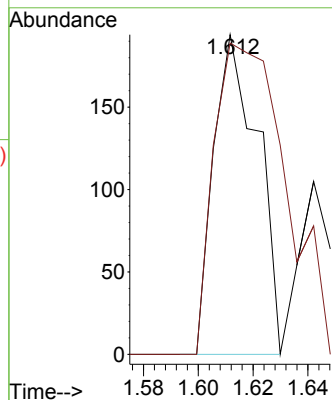
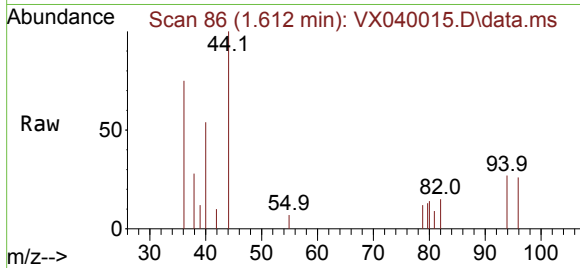




#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

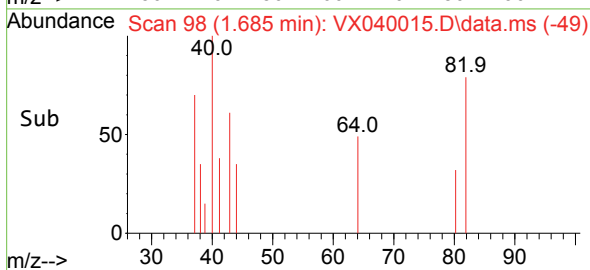
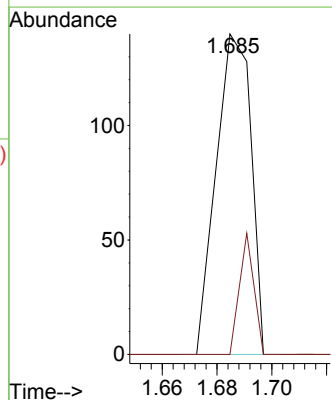
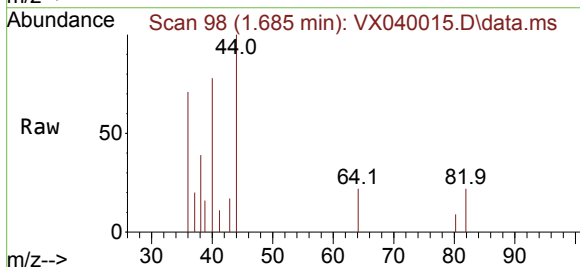
Instrument :
MSVOA_X
ClientSampleId :
IBLK

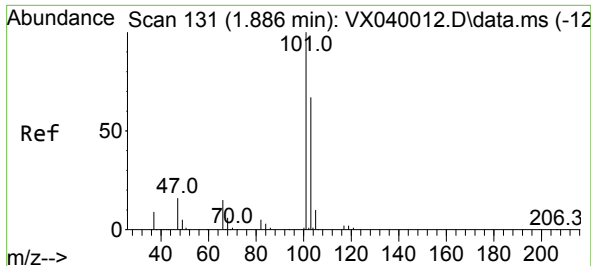
Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 97.4 74.6 111.8



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

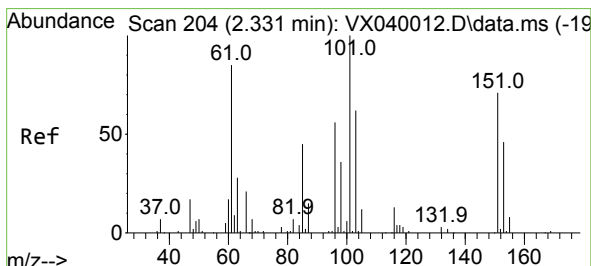
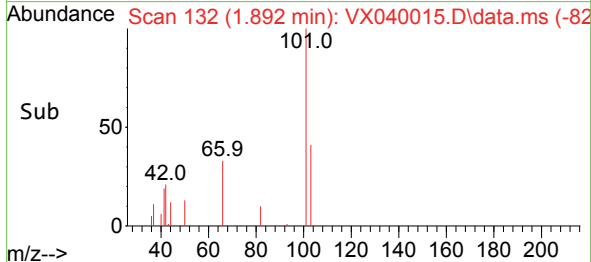
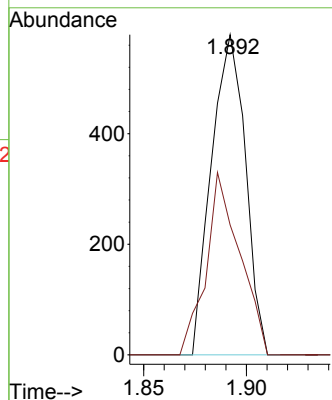
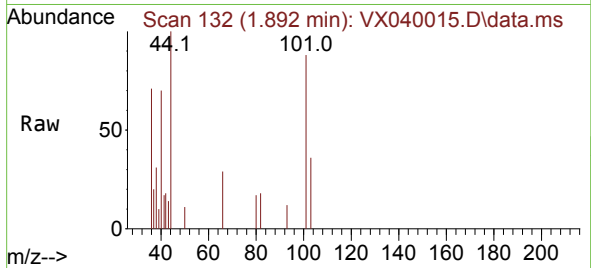




#7
Trichlorofluoromethane
Concen: 0.495 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

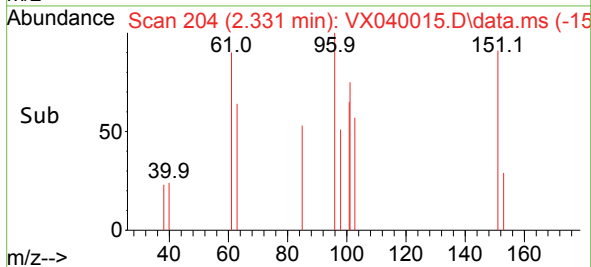
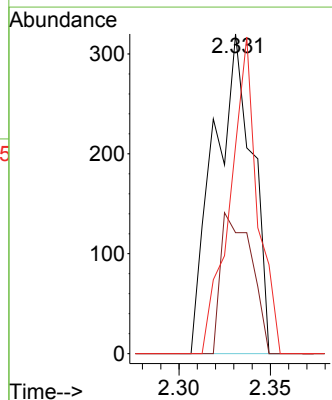
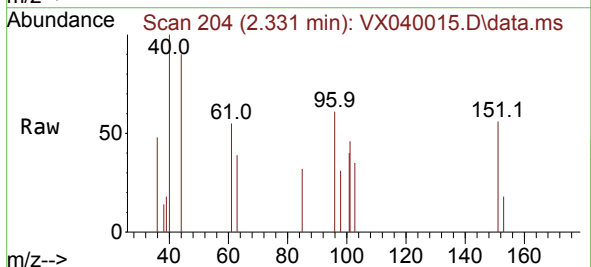
Instrument :
MSVOA_X
ClientSampleId :
IBLK

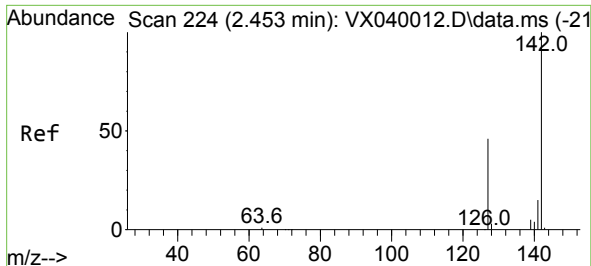
Tgt Ion:101 Resp: 666
Ion Ratio Lower Upper
101 100
103 40.6 51.4 77.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.464 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion:101 Resp: 466
Ion Ratio Lower Upper
101 100
85 35.4 37.0 55.6#
151 71.7 58.6 87.8

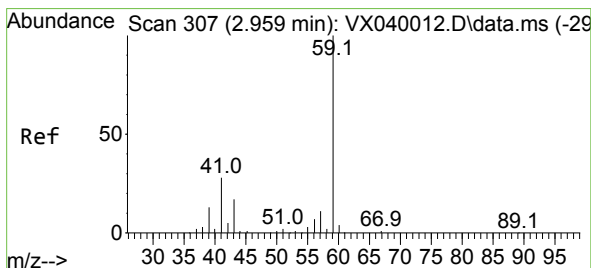
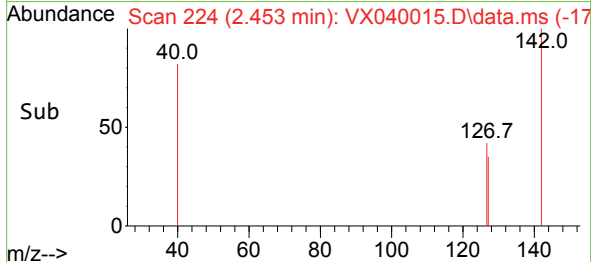
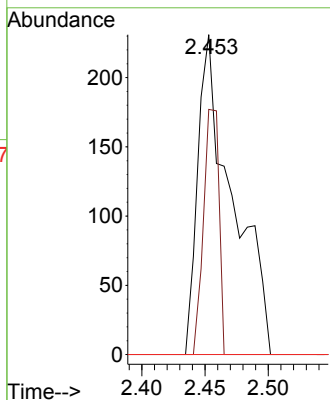
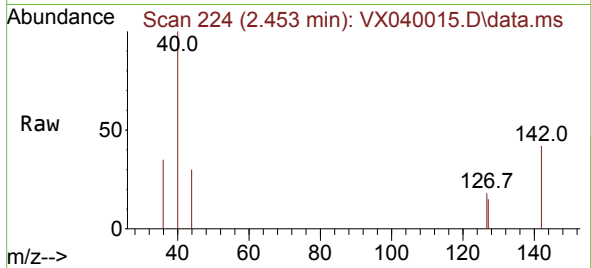




#10
Methyl Iodide
Concen: 0.411 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

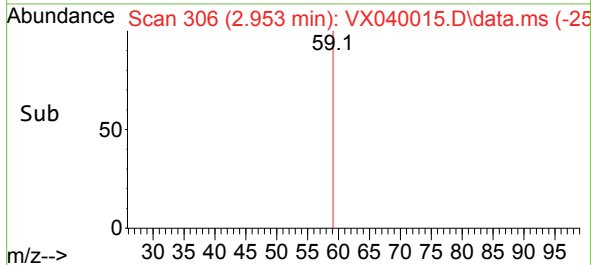
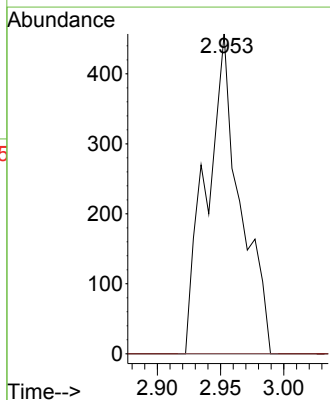
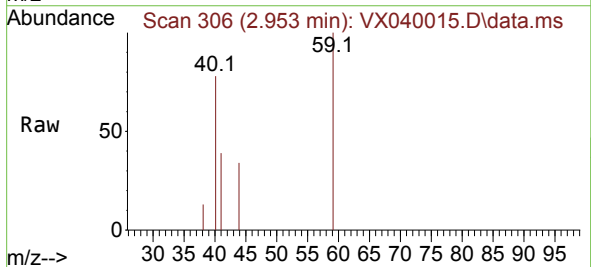
Instrument :
MSVOA_X
ClientSampleId :
IBLK

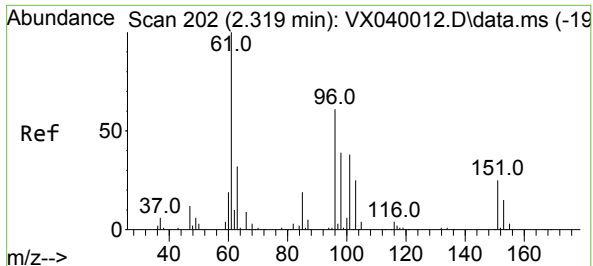
Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 34.6 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.398 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 59 Resp: 849
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.563 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

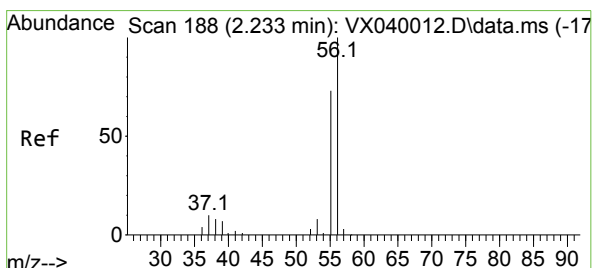
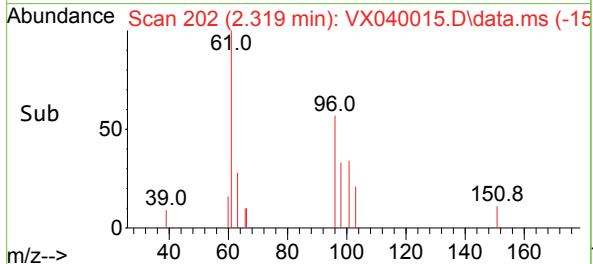
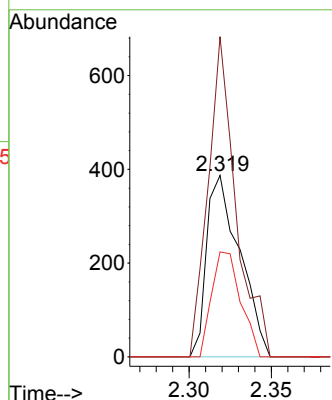
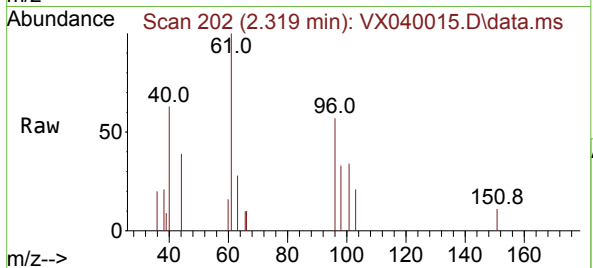
Tgt Ion: 96 Resp: 542

Ion Ratio Lower Upper

96 100

61 176.5 144.6 216.8

98 57.9 50.4 75.6



#13

Acrolein

Concen: 2.523 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040015.D

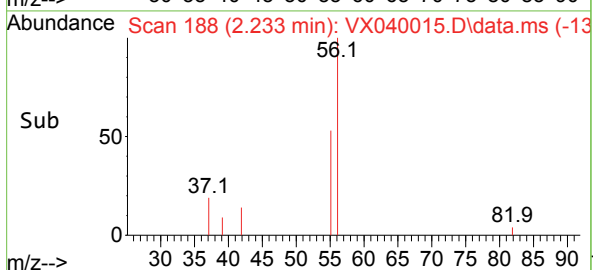
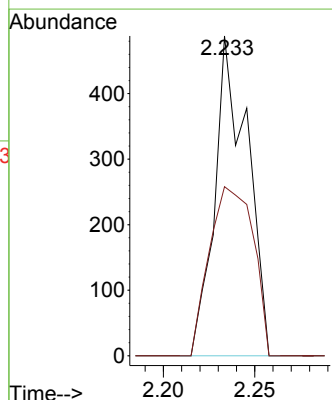
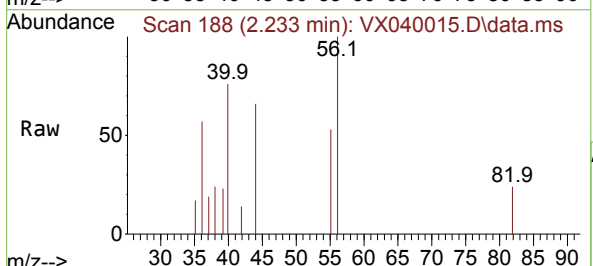
Acq: 30 Jan 2024 12:51

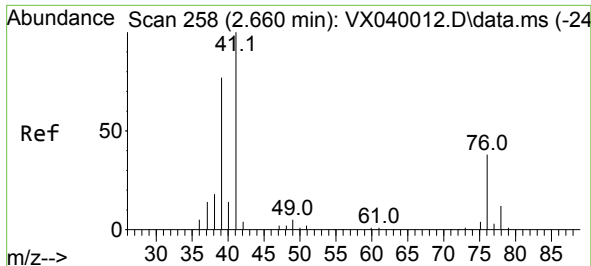
Tgt Ion: 56 Resp: 604

Ion Ratio Lower Upper

56 100

55 71.4 57.1 85.7

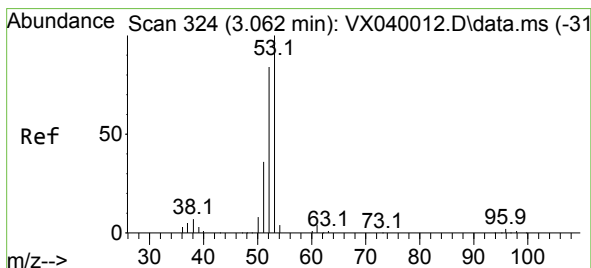
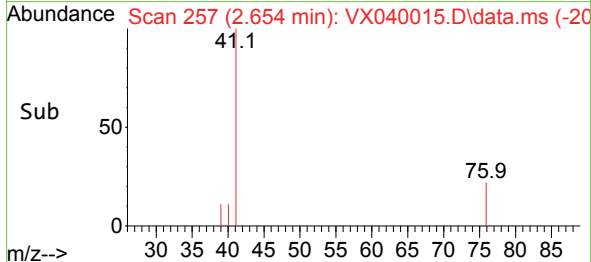
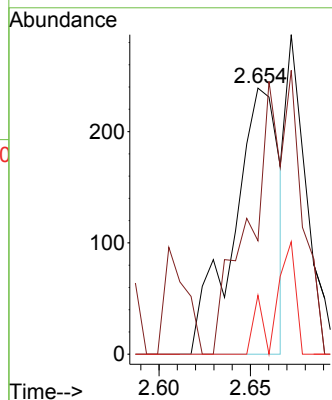
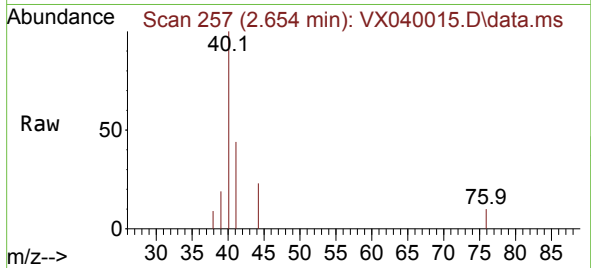




#14
 Allyl chloride
 Concen: 0.240 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX040015.D
 Acq: 30 Jan 2024 12:51

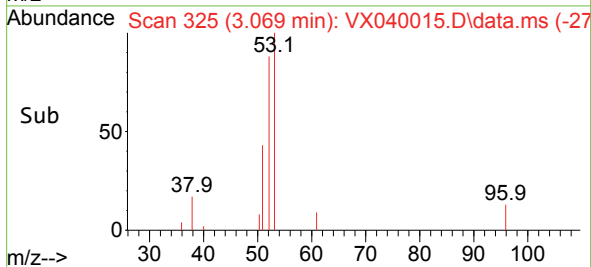
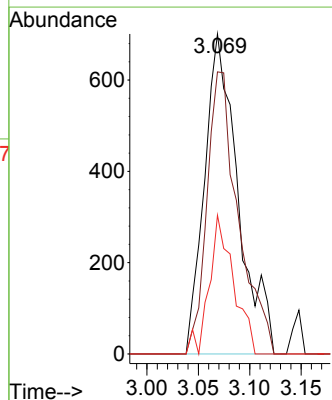
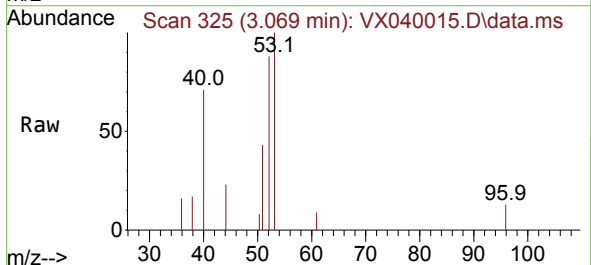
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

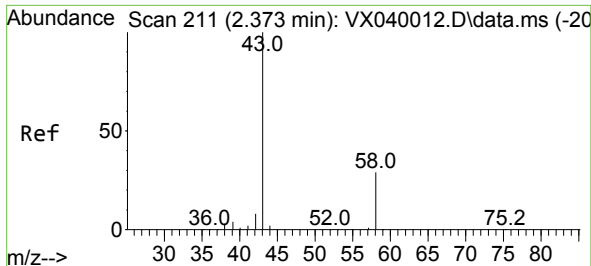
Tgt Ion: 41 Resp: 416
 Ion Ratio Lower Upper
 41 100
 39 110.8 55.8 83.6#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 2.541 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. 0.006 min
 Lab File: VX040015.D
 Acq: 30 Jan 2024 12:51

Tgt Ion: 53 Resp: 1590
 Ion Ratio Lower Upper
 53 100
 52 82.4 66.0 99.0
 51 31.4 29.8 44.6

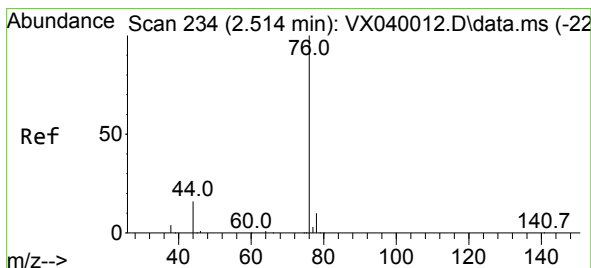
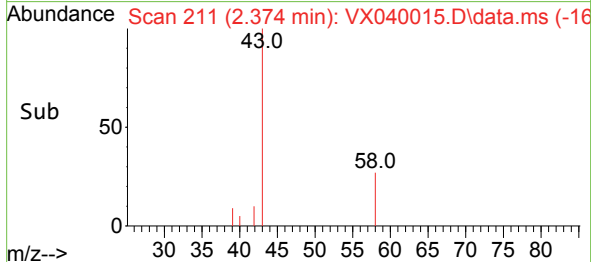
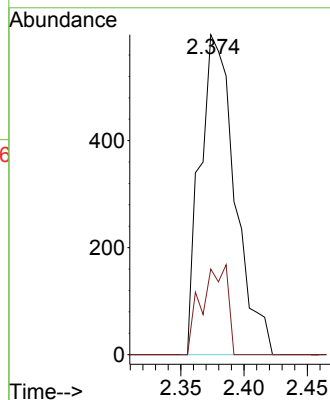
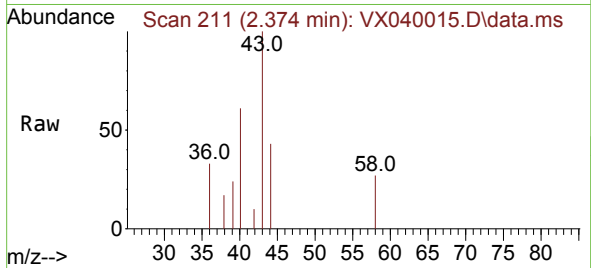




#16
Acetone
Concen: 1.783 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

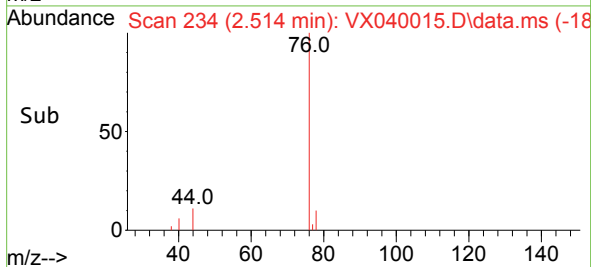
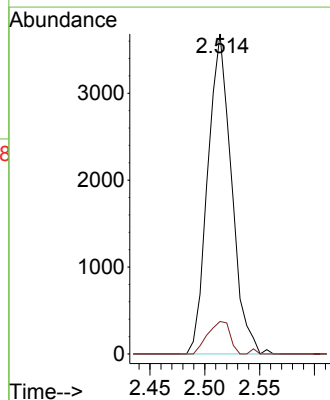
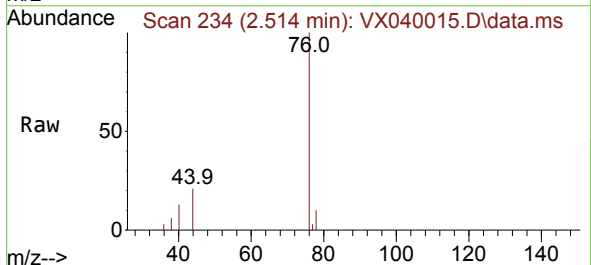
Instrument :
MSVOA_X
ClientSampleId :
IBLK

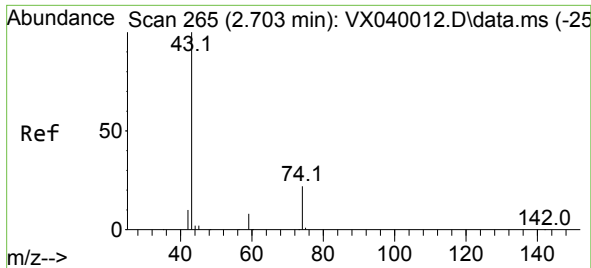
Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



#17
Carbon Disulfide
Concen: 1.972 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 76 Resp: 5549
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6





#18

Methyl Acetate

Concen: 0.338 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

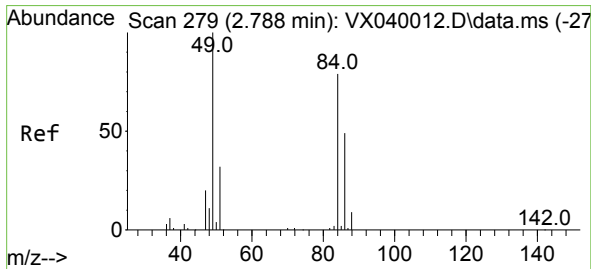
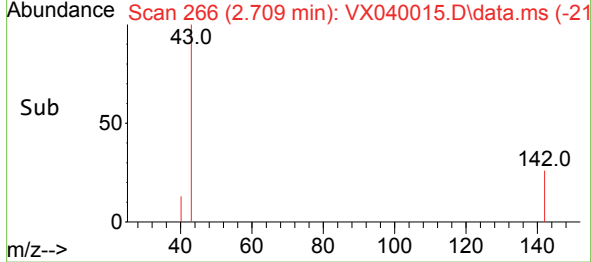
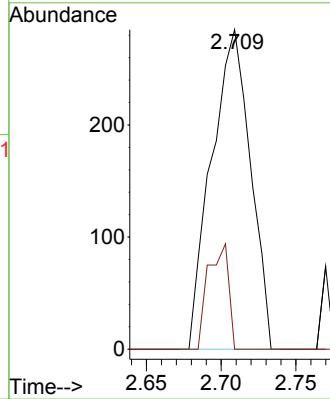
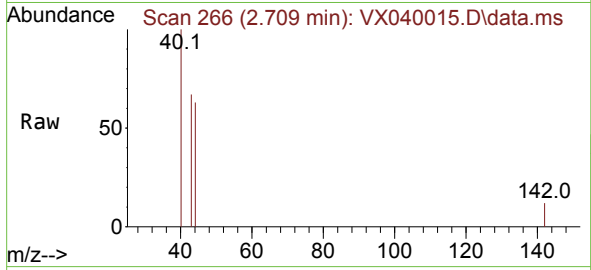
IBLK

Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

74 17.2 17.8 26.8#



#20

Methylene Chloride

Concen: 0.531 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Tgt Ion: 84 Resp: 609

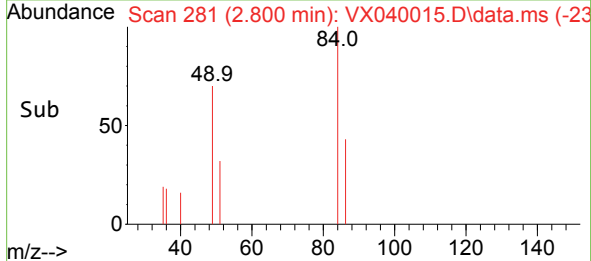
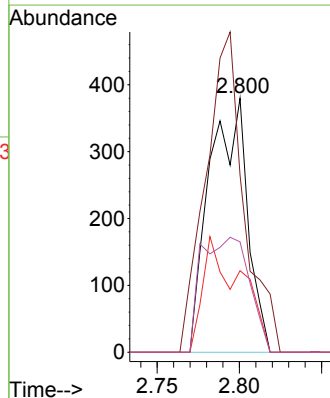
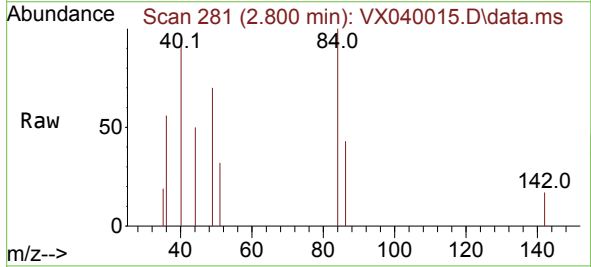
Ion Ratio Lower Upper

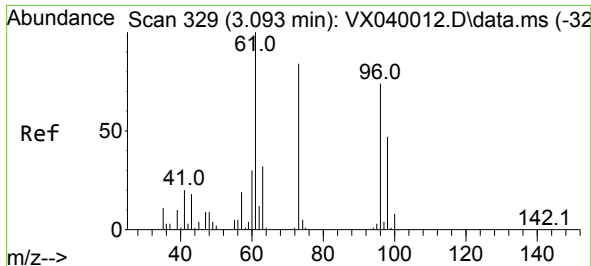
84 100

49 69.7 103.6 155.4#

51 32.1 33.8 50.6#

86 43.4 49.4 74.0#

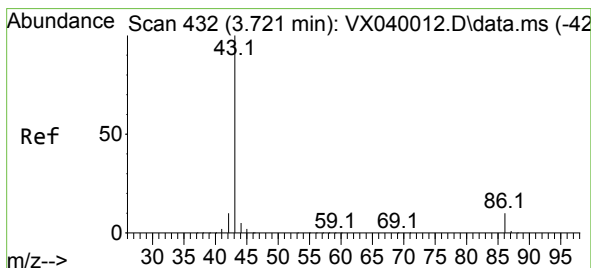
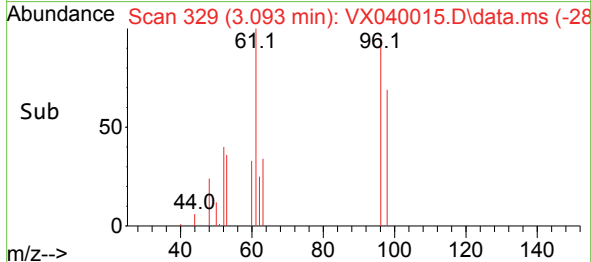
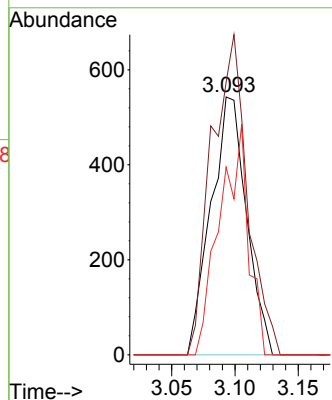
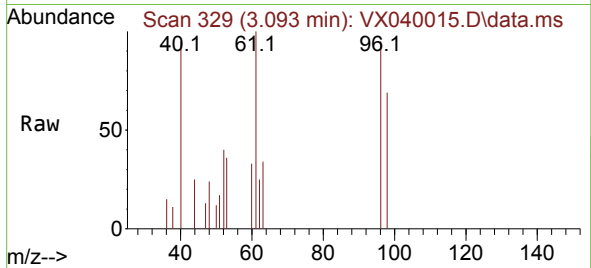




#21
trans-1,2-Dichloroethene
Concen: 1.002 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

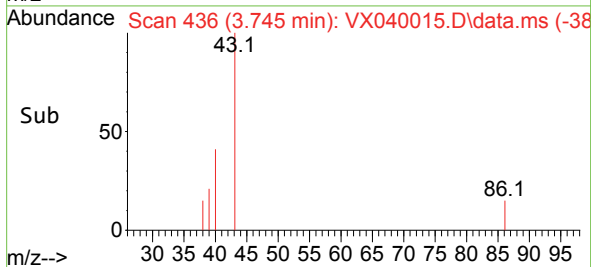
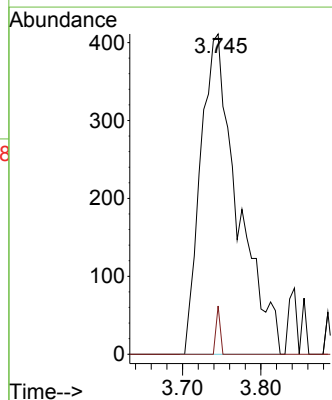
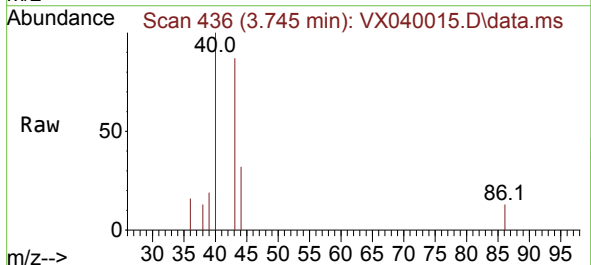
Instrument :
MSVOA_X
ClientSampleId :
IBLK

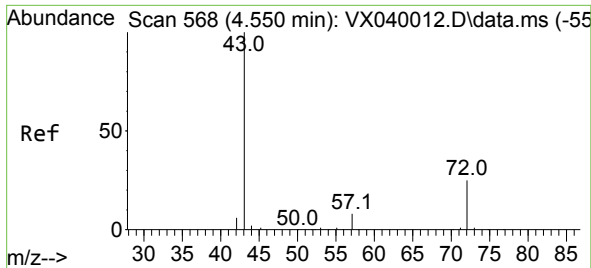
Tgt Ion: 96 Resp: 1062
Ion Ratio Lower Upper
96 100
61 105.7 119.2 178.8#
98 72.7 48.7 73.1



#23
Vinyl Acetate
Concen: 0.450 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.025 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
86 15.1 7.8 11.8#

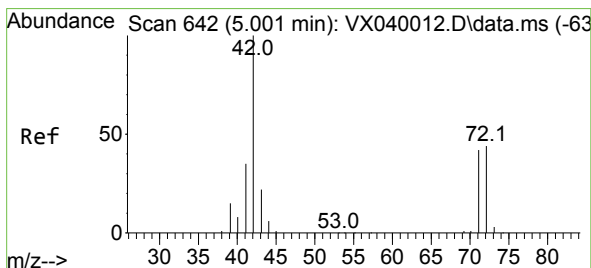
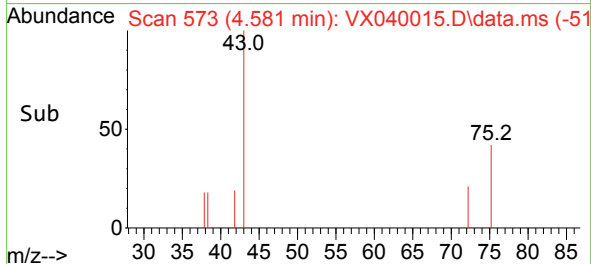
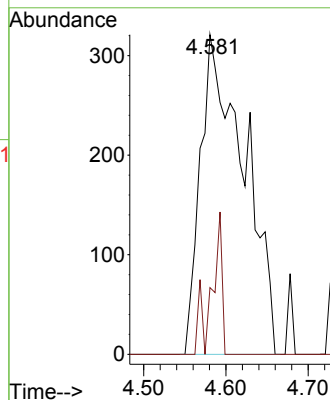
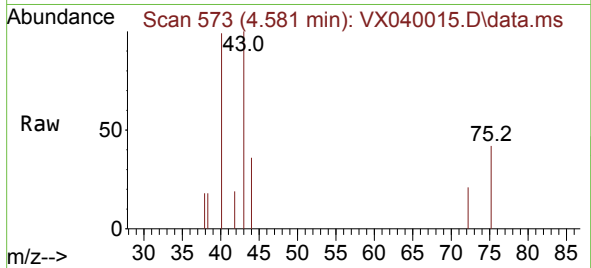




#25
2-Butanone
Concen: 1.316 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

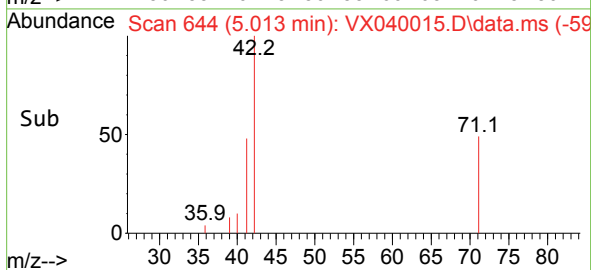
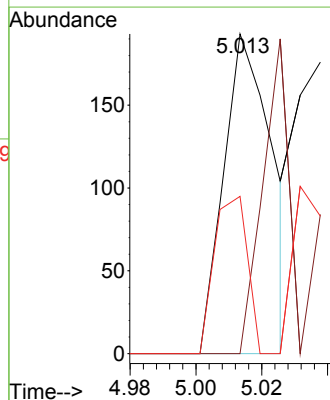
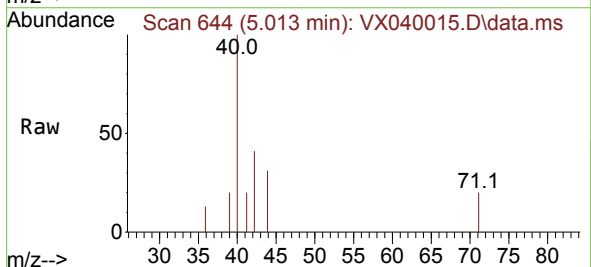
Instrument :
MSVOA_X
ClientSampleId :
IBLK

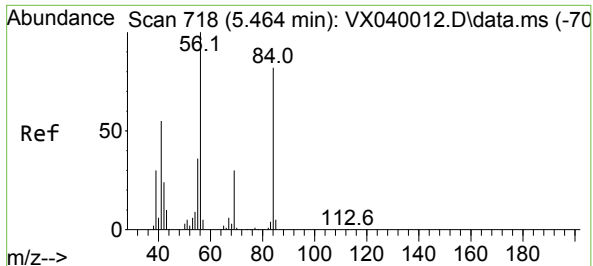
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
72 20.9 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.349 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.012 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 42 Resp: 199
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 33.7 32.2 48.2

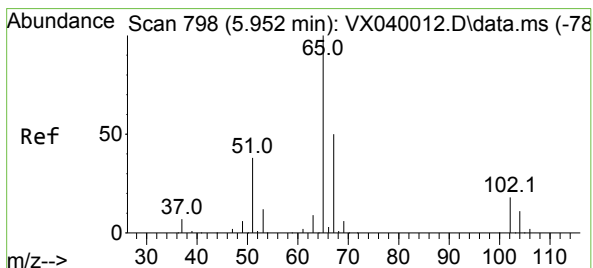
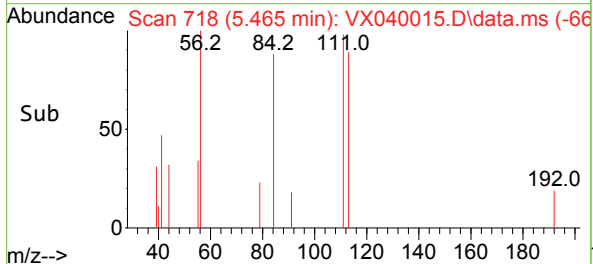
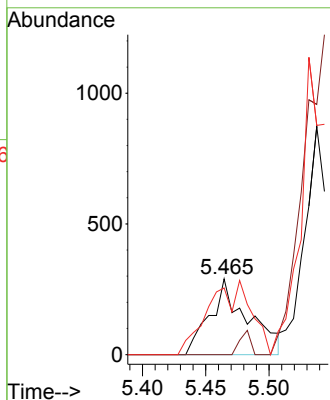
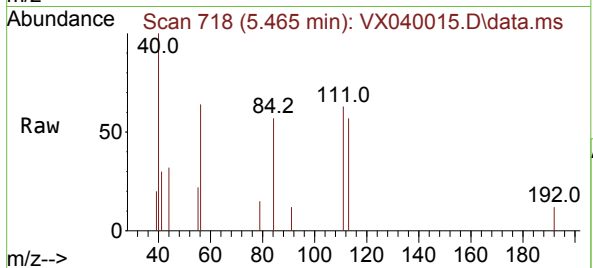




#31
Cyclohexane
Concen: 0.350 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

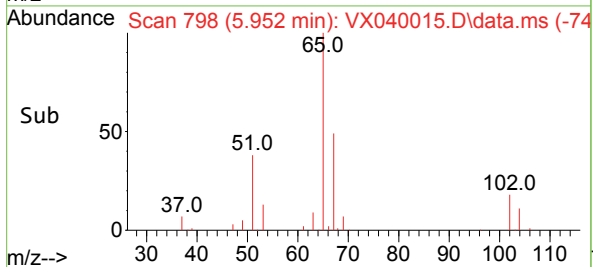
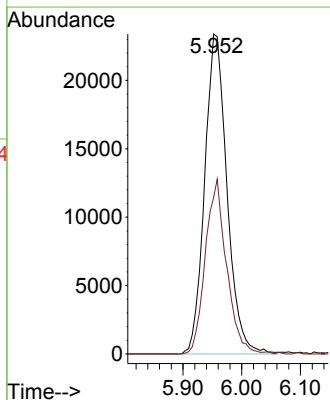
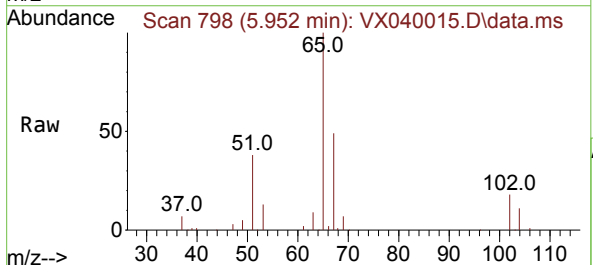
Instrument :
MSVOA_X
ClientSampleId :
IBLK

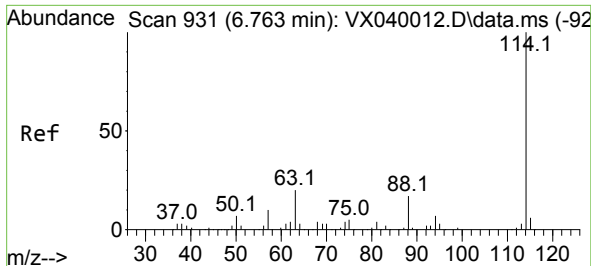
Tgt Ion: 56 Resp: 604
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 87.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.961 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 65 Resp: 61905
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

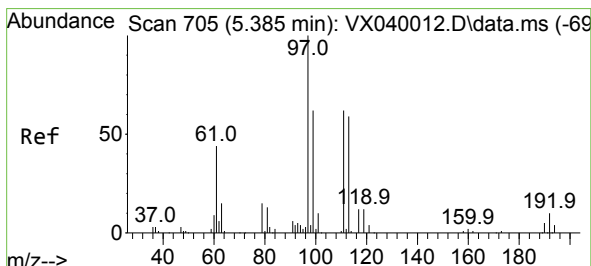
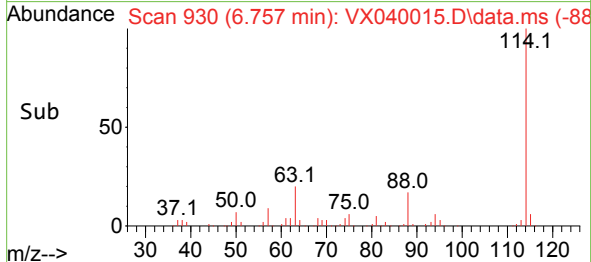
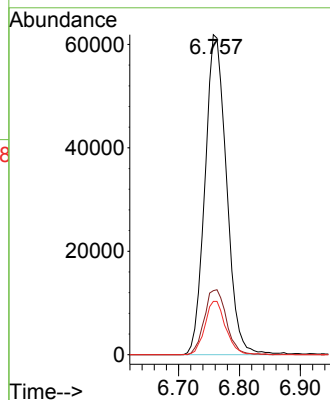
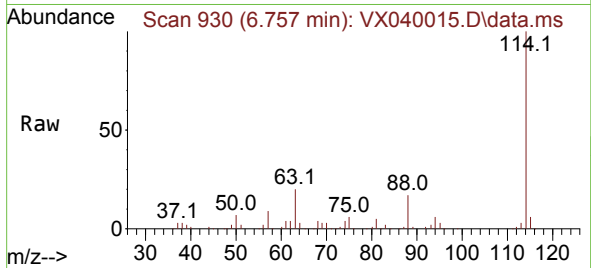




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

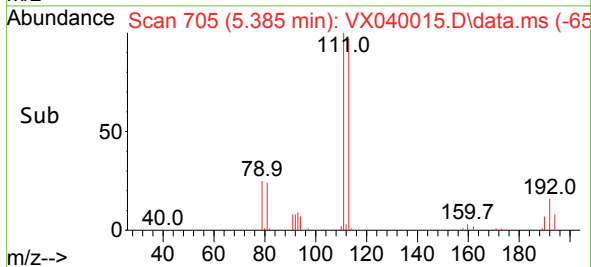
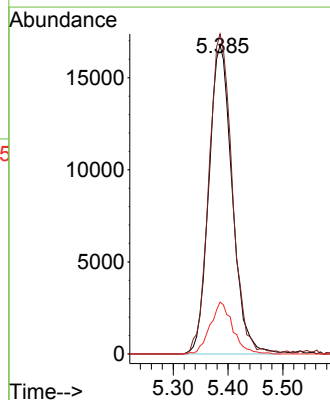
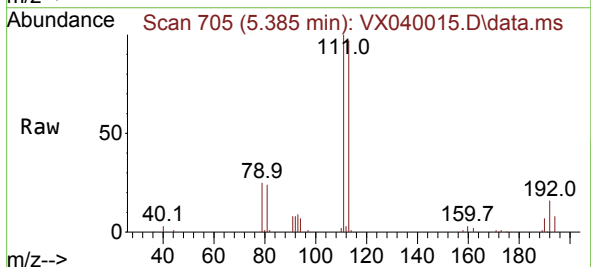
Instrument :
MSVOA_X
ClientSampleId :
IBLK

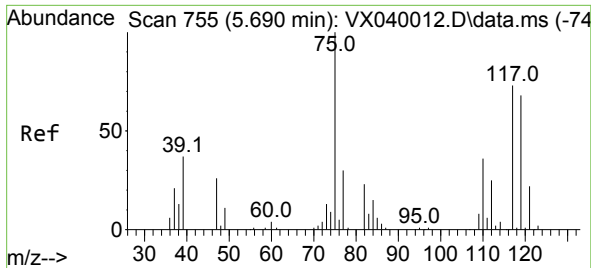
Tgt Ion:114 Resp: 151981
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.898 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion:113 Resp: 49555
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.3 13.3 19.9

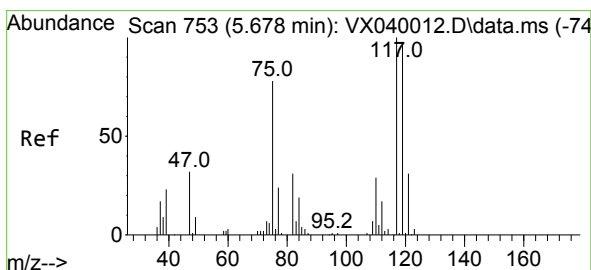
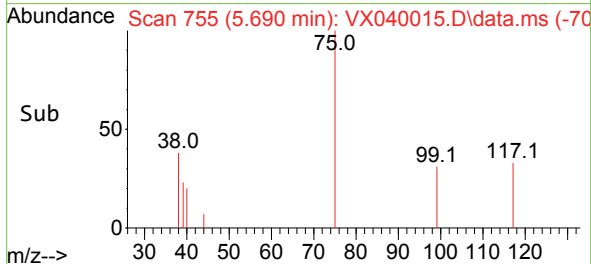
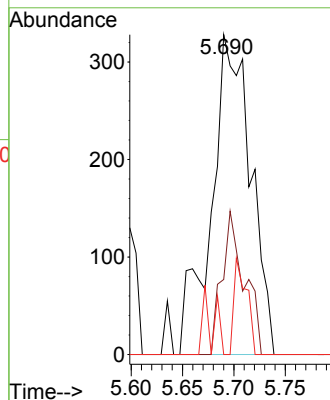
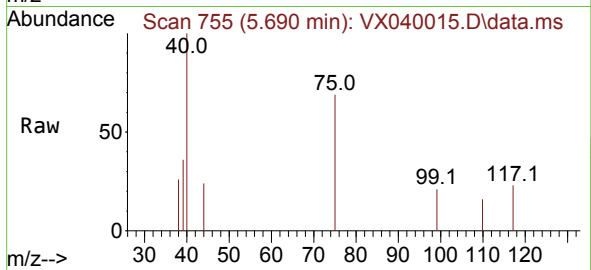




#36
1,1-Dichloropropene
Concen: 0.585 ug/l
RT: 5.690 min Scan# 715
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

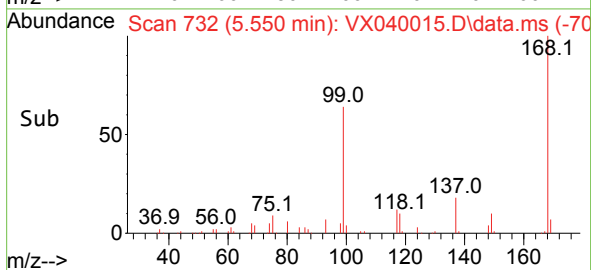
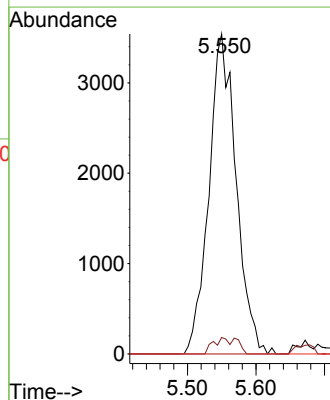
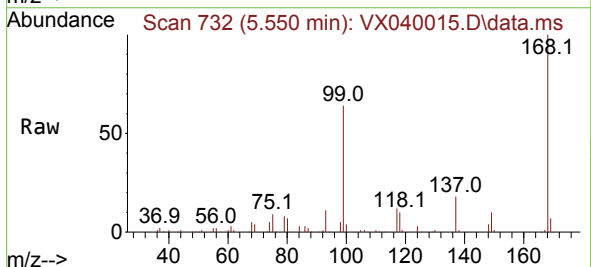
Instrument :
MSVOA_X
ClientSampleId :
IBLK

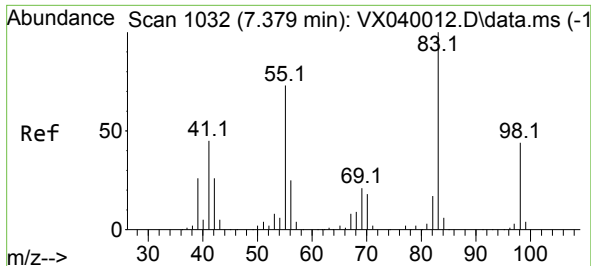
Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
110 25.5 17.0 50.9
77 9.7 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.829 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 117 Resp: 9777
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.418 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

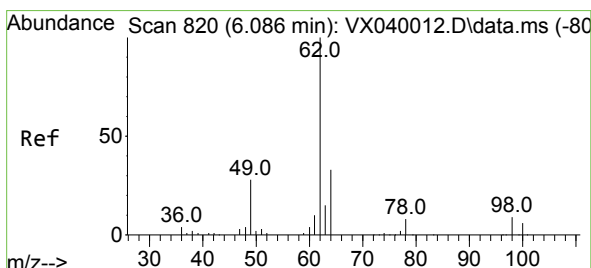
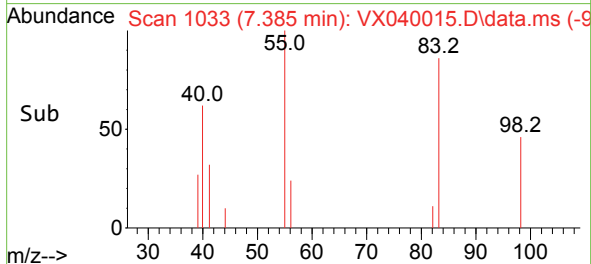
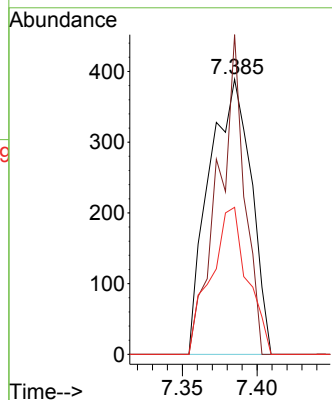
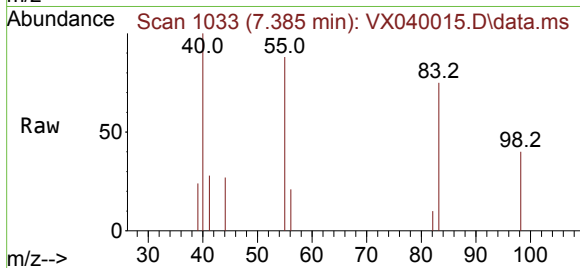
Tgt Ion: 83 Resp: 761

Ion Ratio Lower Upper

83 100

55 116.2 64.6 97.0#

98 53.5 36.7 55.1



#42

1,2-Dichloroethane

Concen: 0.213 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX040015.D

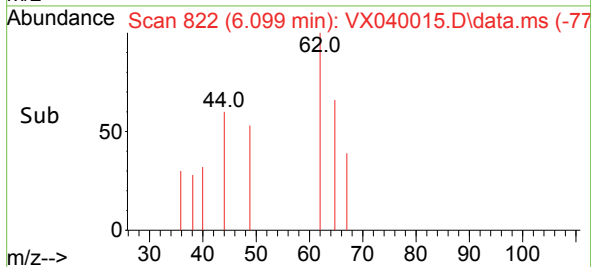
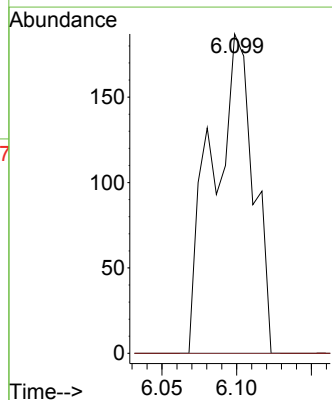
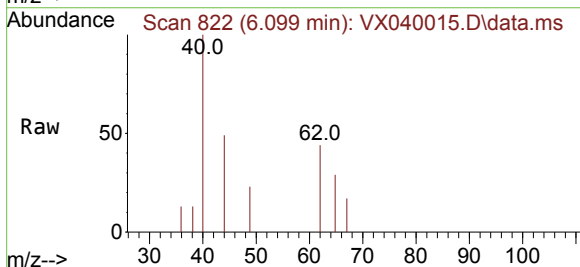
Acq: 30 Jan 2024 12:51

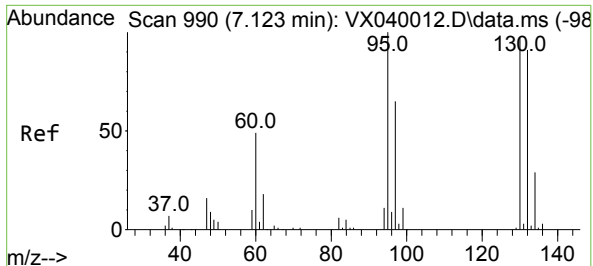
Tgt Ion: 62 Resp: 358

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

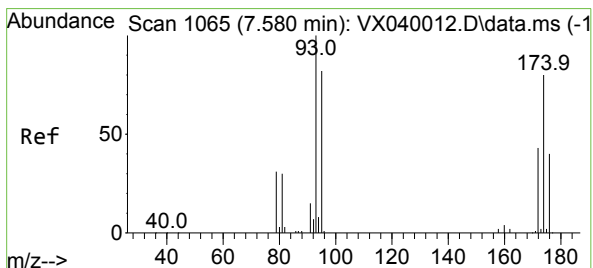
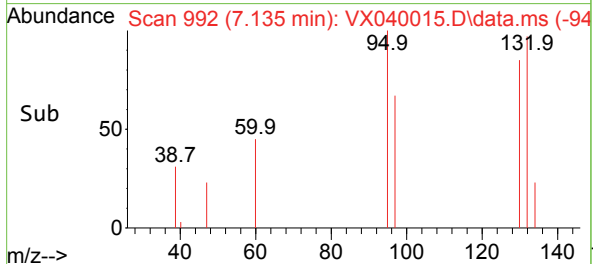
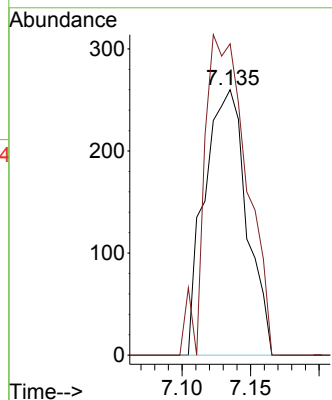
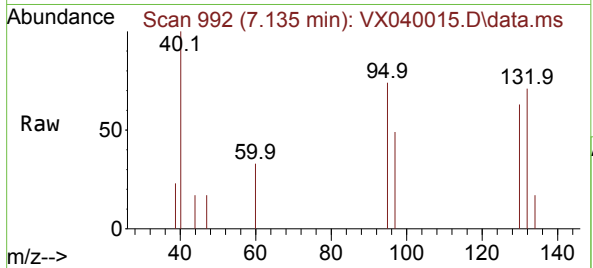




#44
Trichloroethene
Concen: 0.485 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

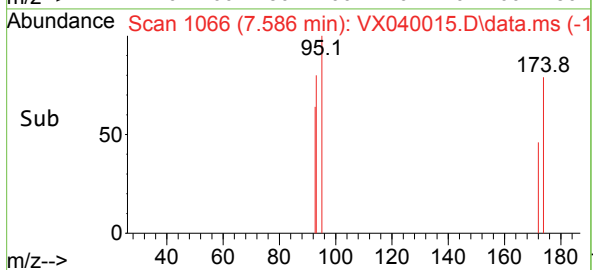
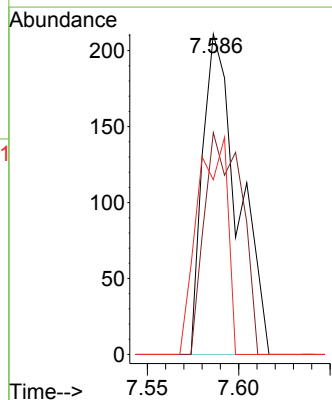
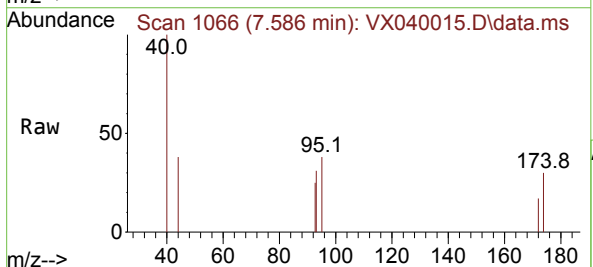
Instrument :
MSVOA_X
ClientSampleId :
IBLK

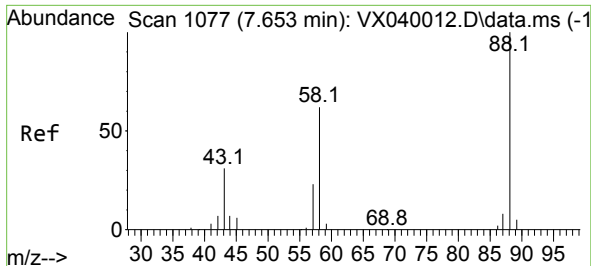
Tgt Ion:130 Resp: 556
Ion Ratio Lower Upper
130 100
95 117.3 0.0 204.4



#46
Dibromomethane
Concen: 0.327 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 93 Resp: 282
Ion Ratio Lower Upper
93 100
95 73.0 66.6 100.0
174 57.8 69.4 104.0#

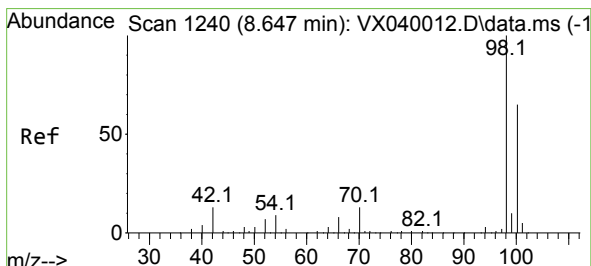
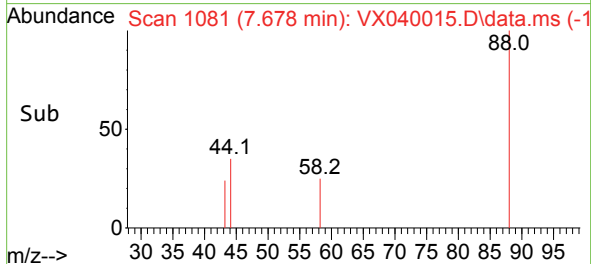
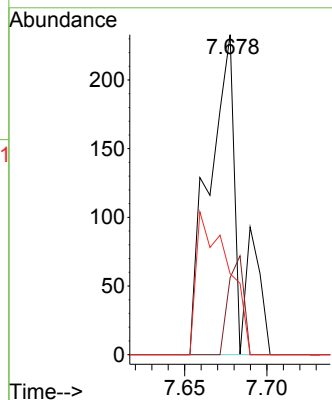
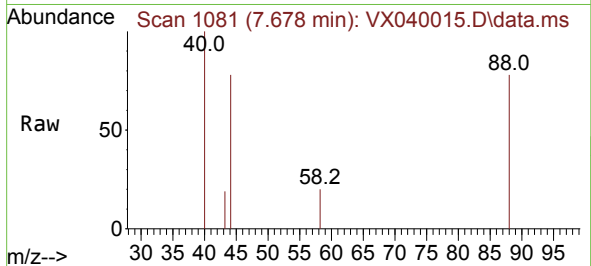




#49
1,4-Dioxane
Concen: 10.731 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.025 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

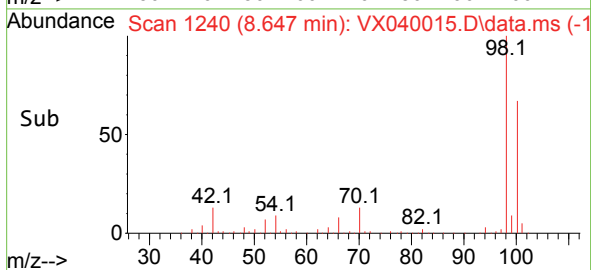
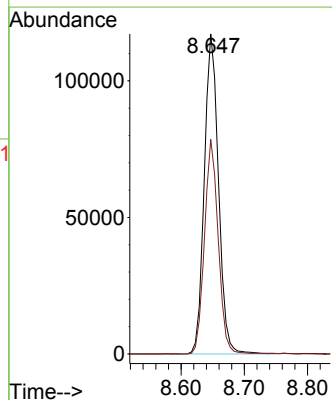
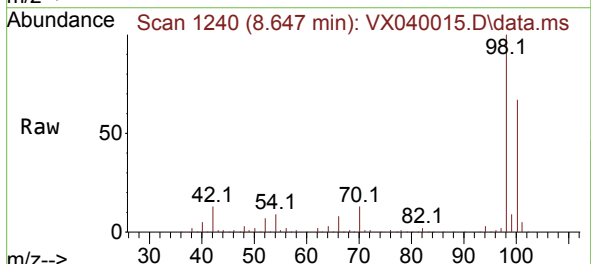
Instrument :
MSVOA_X
ClientSampleId :
IBLK

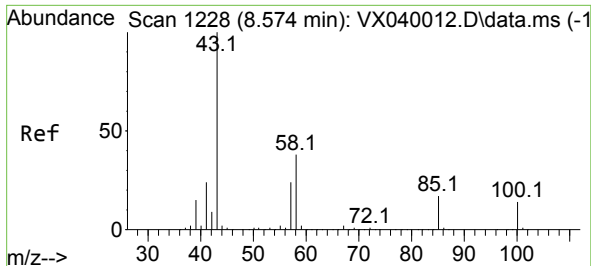
Tgt Ion: 88 Resp: 296
Ion Ratio Lower Upper
88 100
43 15.9 0.0 0.0#
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 47.368 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 98 Resp: 183270
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

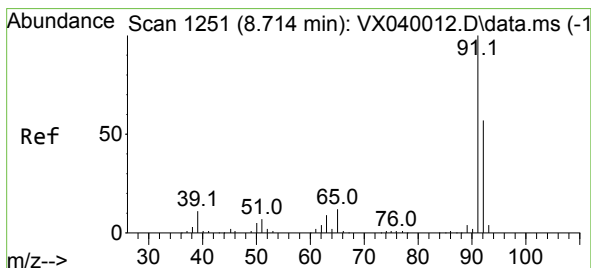
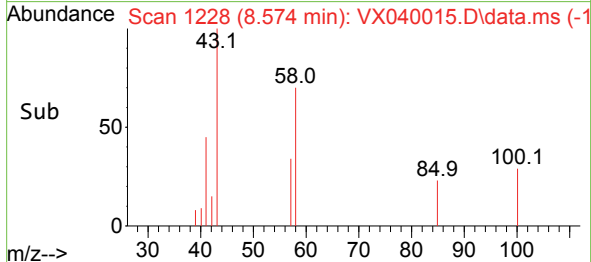
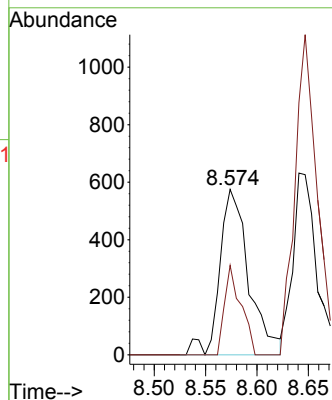
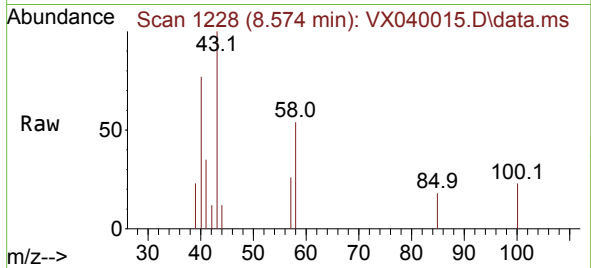




#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 8.574 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

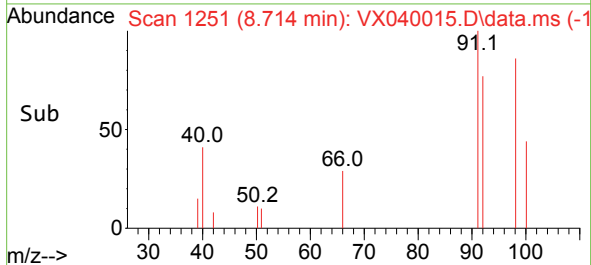
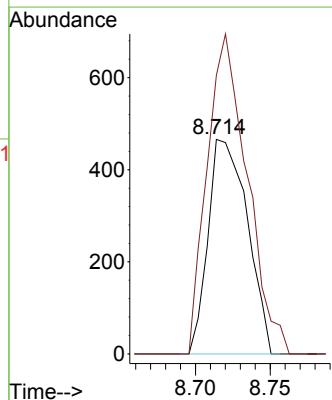
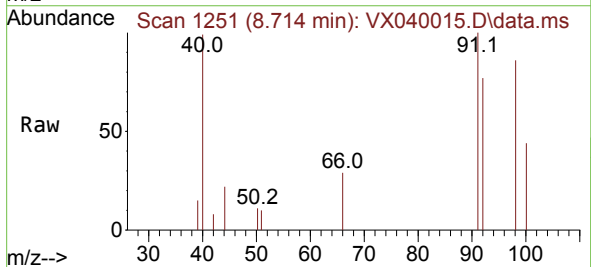
Instrument :
MSVOA_X
ClientSampleId :
IBLK

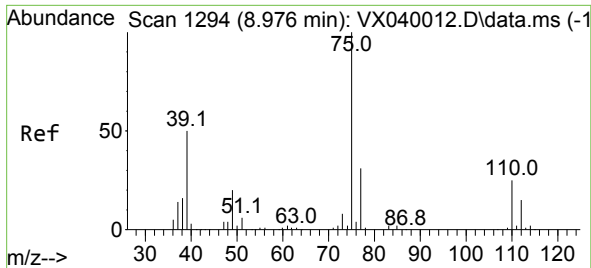
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 30.5 30.4 45.6



#52
Toluene
Concen: 0.313 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 92 Resp: 849
Ion Ratio Lower Upper
92 100
91 152.2 134.2 201.2

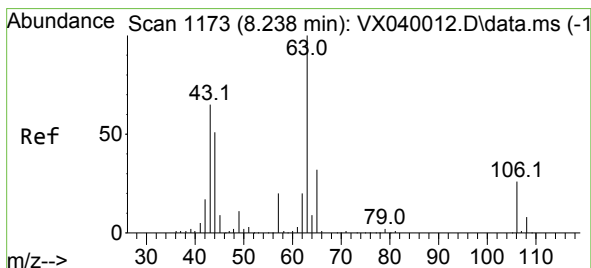
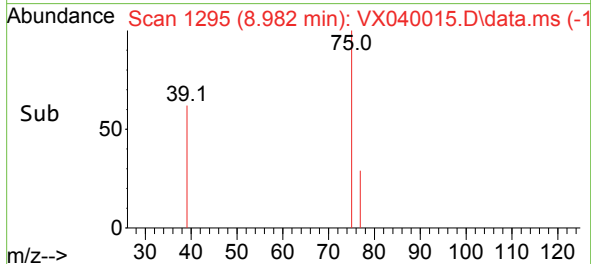
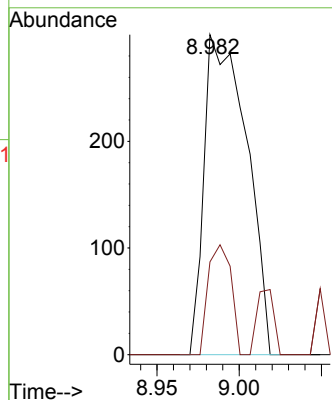
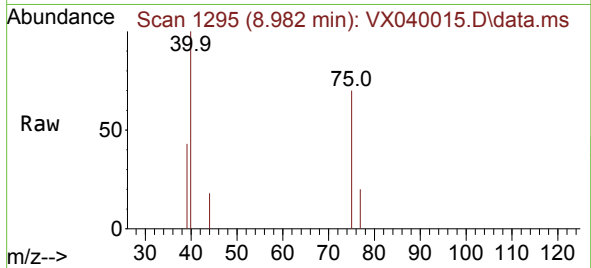




#53
 t-1,3-Dichloropropene
 Concen: 0.337 ug/l
 RT: 8.982 min Scan# 1175
 Delta R.T. 0.006 min
 Lab File: VX040015.D
 Acq: 30 Jan 2024 12:51

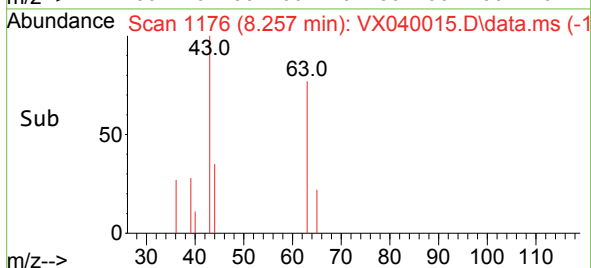
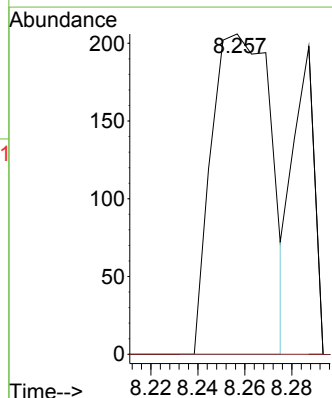
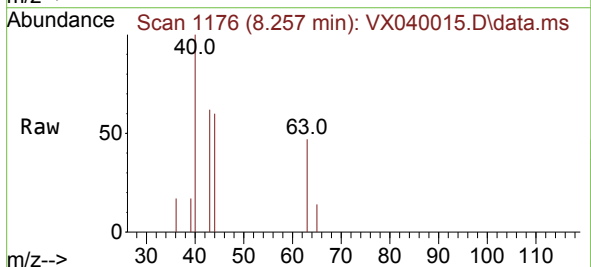
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

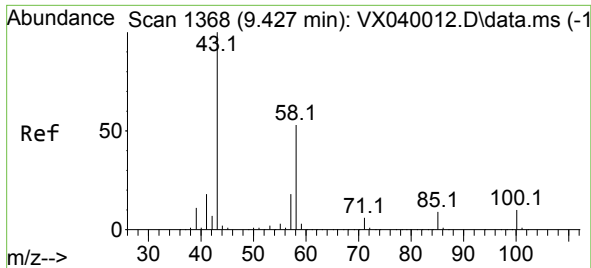
Tgt Ion: 75 Resp: 538
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.437 ug/l
 RT: 8.257 min Scan# 1176
 Delta R.T. 0.018 min
 Lab File: VX040015.D
 Acq: 30 Jan 2024 12:51

Tgt Ion: 63 Resp: 361
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#





#59

2-Hexanone

Concen: 1.021 ug/l

RT: 9.446 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

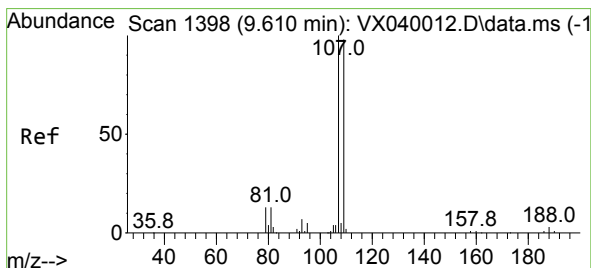
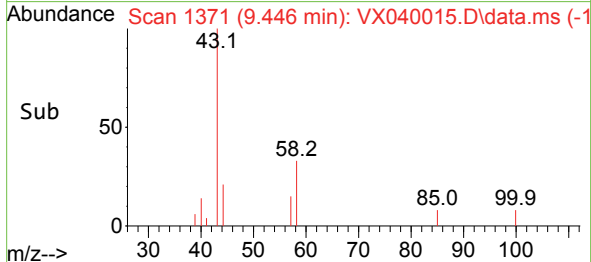
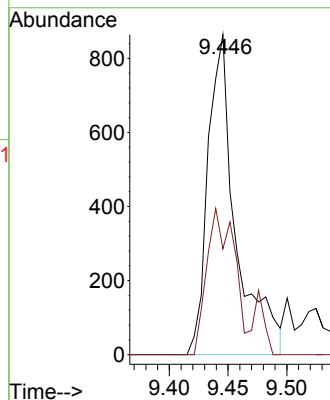
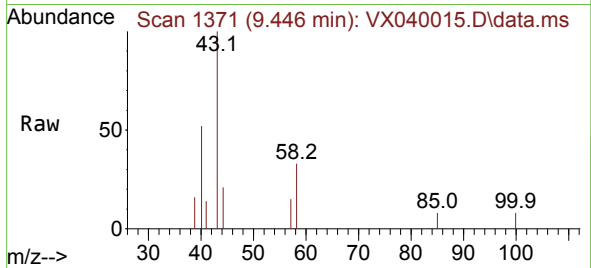
IBLK

Tgt Ion: 43 Resp: 1432

Ion Ratio Lower Upper

43 100

58 46.3 26.2 78.5



#61

1,2-Dibromoethane

Concen: 0.267 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX040015.D

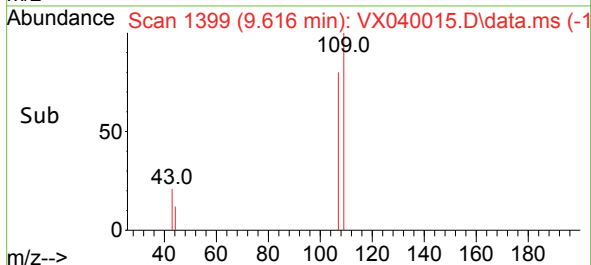
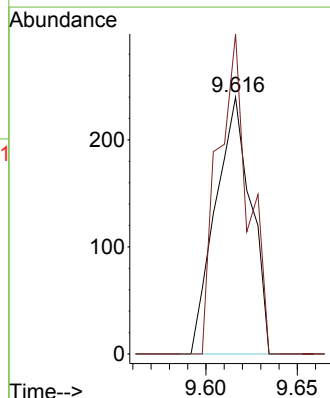
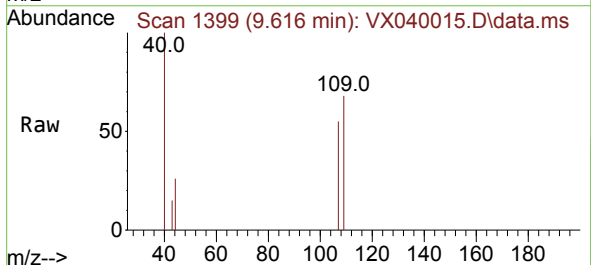
Acq: 30 Jan 2024 12:51

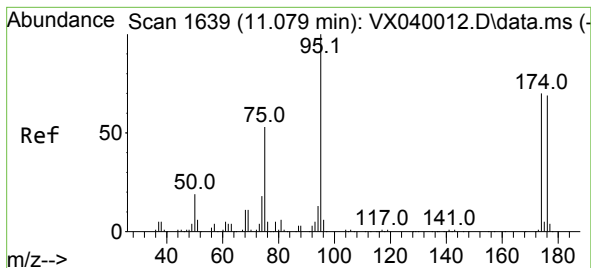
Tgt Ion: 107 Resp: 325

Ion Ratio Lower Upper

107 100

109 106.5 75.2 112.8

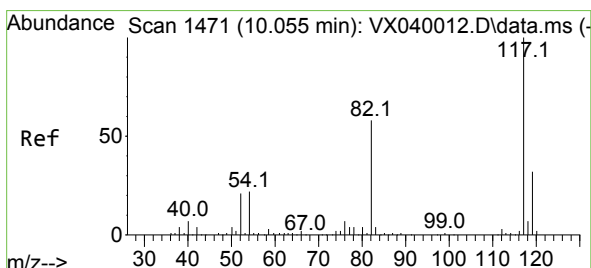
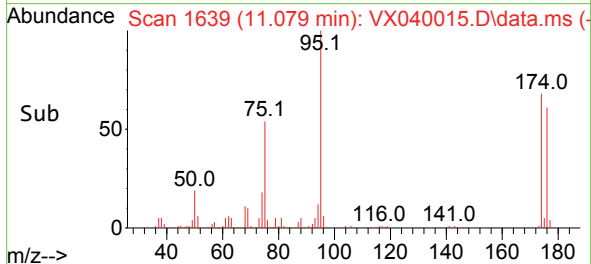
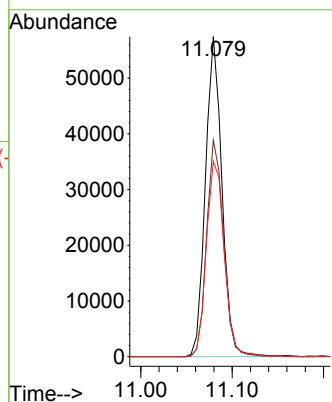
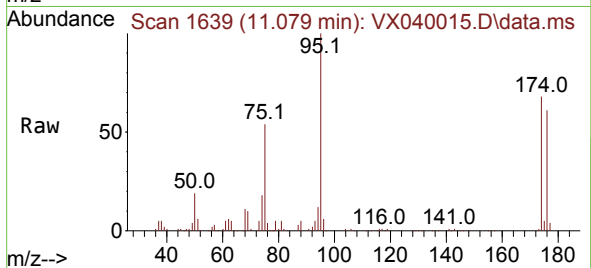




#62
4-Bromofluorobenzene
Concen: 48.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

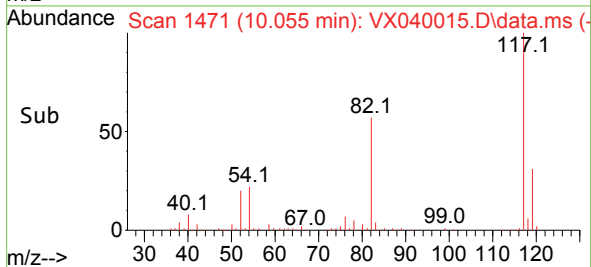
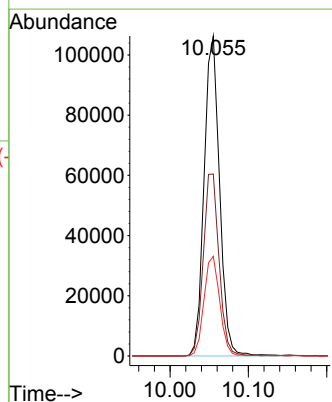
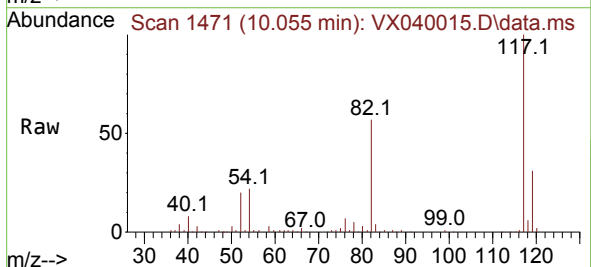
Instrument :
MSVOA_X
ClientSampleId :
IBLK

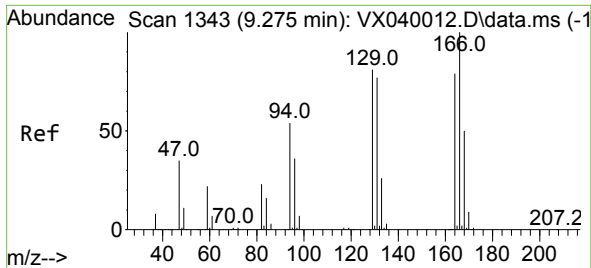
Tgt Ion: 95 Resp: 71925
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.6
176 65.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 117 Resp: 145591
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.2 25.5 38.3

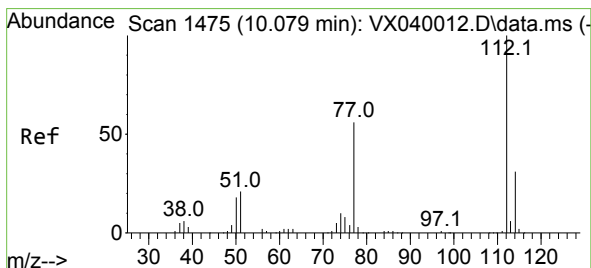
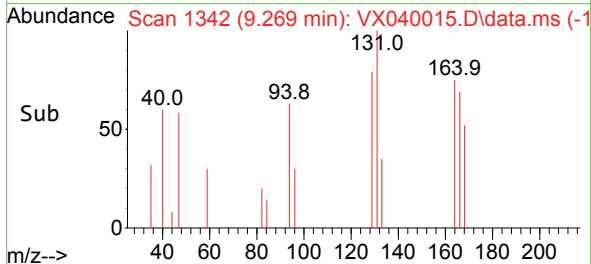
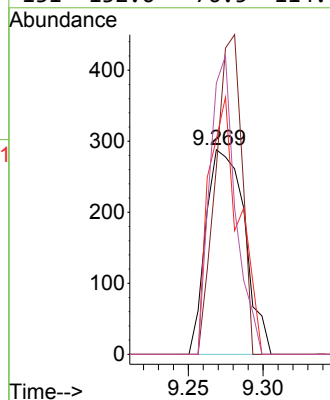
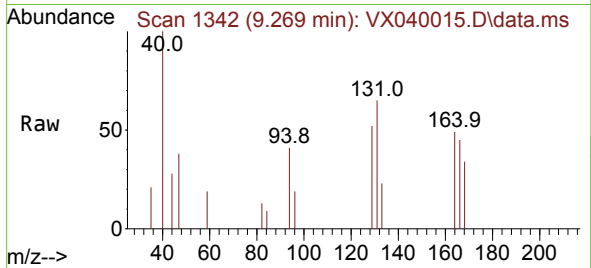




#64
Tetrachloroethene
Concen: 0.548 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

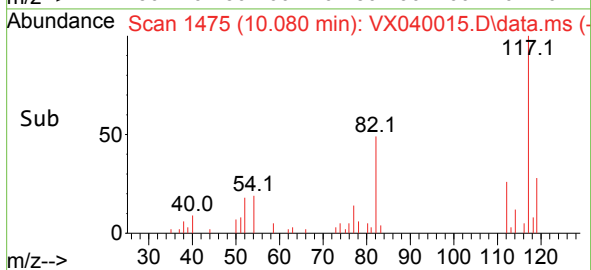
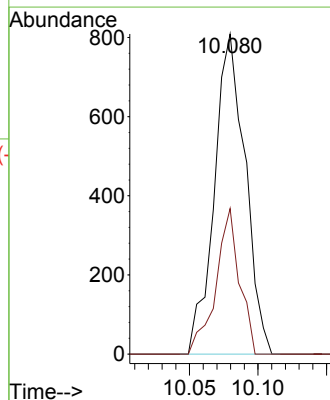
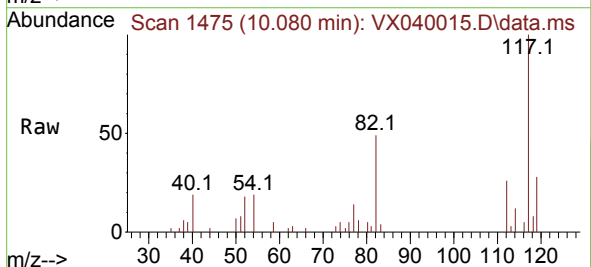
Instrument :
MSVOA_X
ClientSampleId :
IBLK

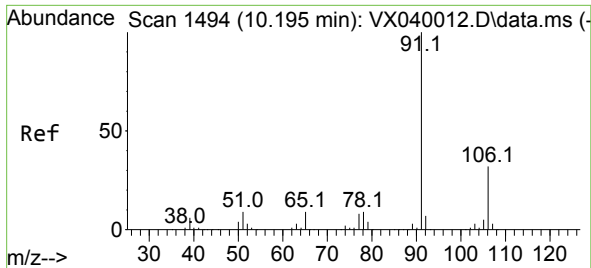
Tgt Ion:164 Resp: 519
Ion Ratio Lower Upper
164 100
166 91.3 102.7 154.1#
129 105.2 80.4 120.6
131 132.6 76.5 114.7#



#65
Chlorobenzene
Concen: 0.421 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion:112 Resp: 1268
Ion Ratio Lower Upper
112 100
114 45.5 25.7 38.5#

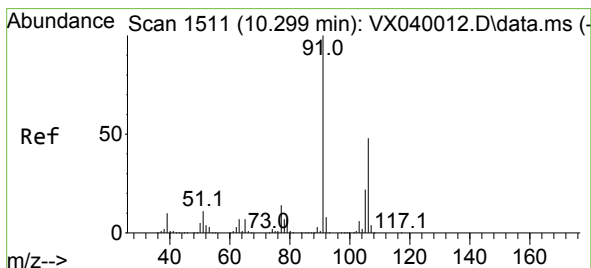
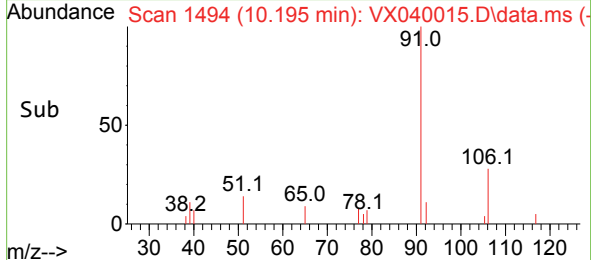
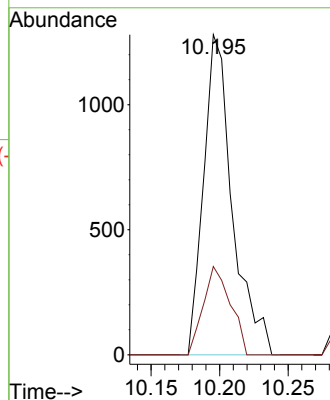
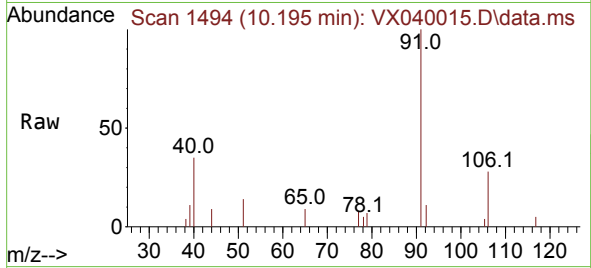




#67
Ethyl Benzene
Concen: 0.346 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

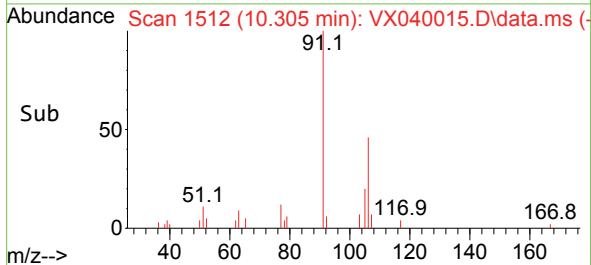
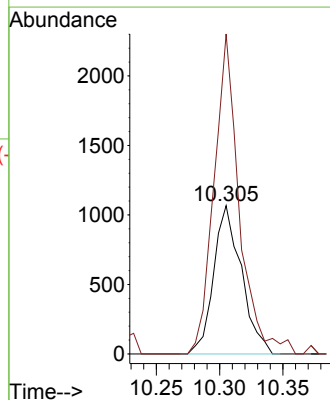
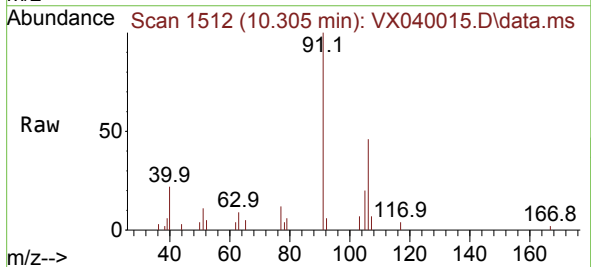
Instrument :
MSVOA_X
ClientSampleId :
IBLK

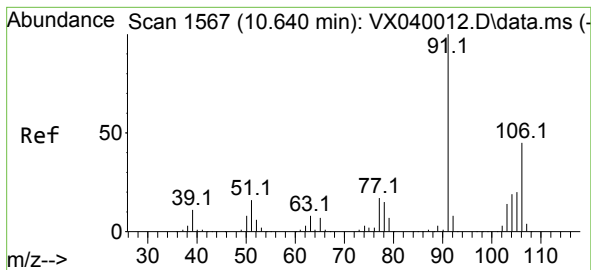
Tgt Ion: 91 Resp: 1870
Ion Ratio Lower Upper
91 100
106 27.6 24.9 37.3



#68
m/p-Xylenes
Concen: 0.802 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 106 Resp: 1630
Ion Ratio Lower Upper
106 100
91 196.3 165.5 248.3





#69

o-Xylene

Concen: 0.241 ug/l

RT: 10.640 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

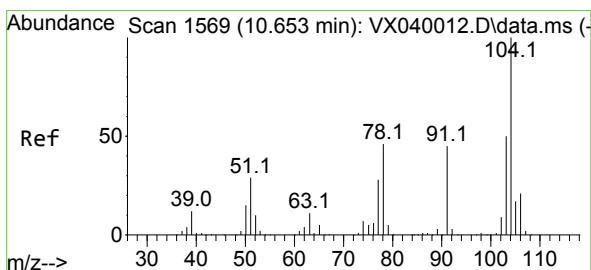
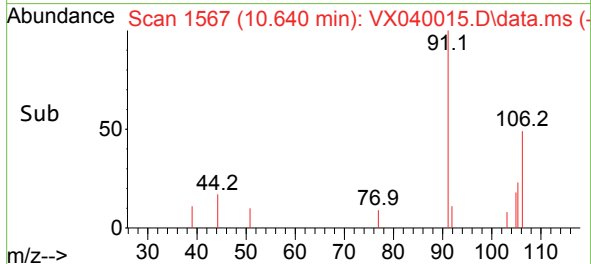
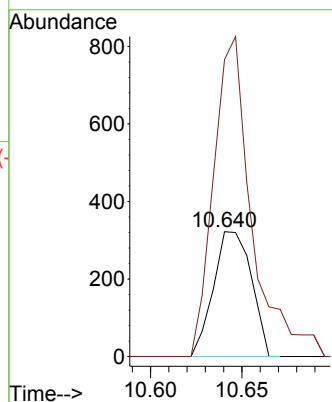
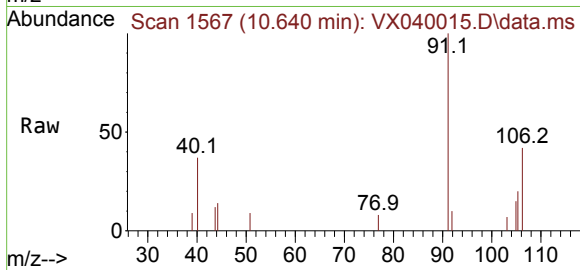
IBLK

Tgt Ion:106 Resp: 465

Ion Ratio Lower Upper

106 100

91 258.3 108.9 326.8



#70

Styrene

Concen: 0.340 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

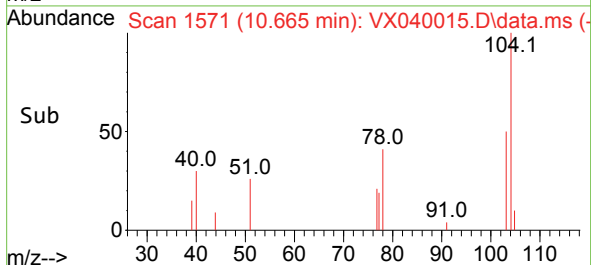
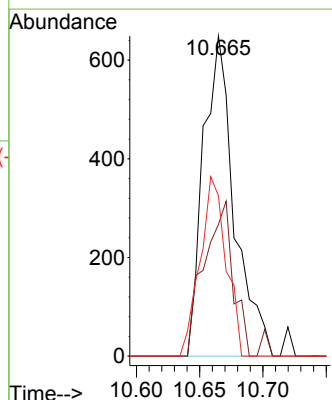
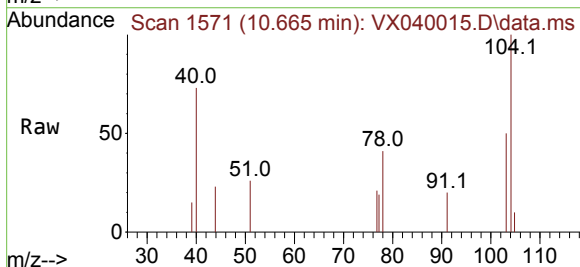
Tgt Ion:104 Resp: 1105

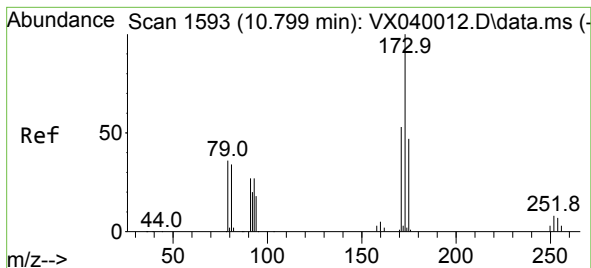
Ion Ratio Lower Upper

104 100

78 45.3 43.6 65.4

103 47.1 43.6 65.4





#71

Bromoform

Concen: 0.691 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

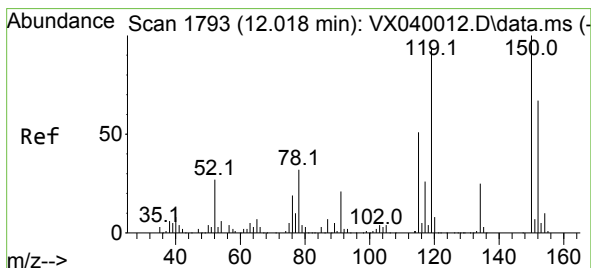
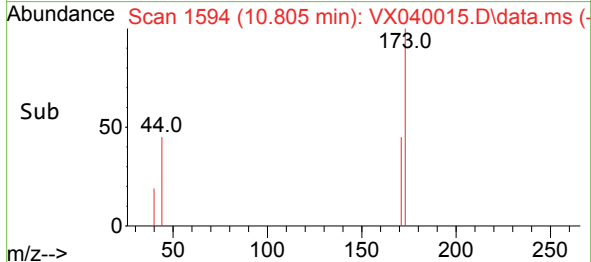
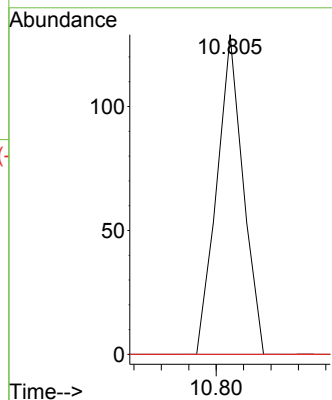
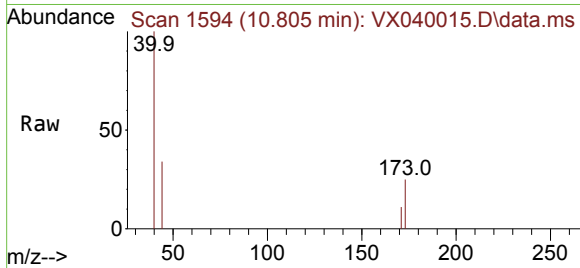
Tgt Ion:173 Resp: 86

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

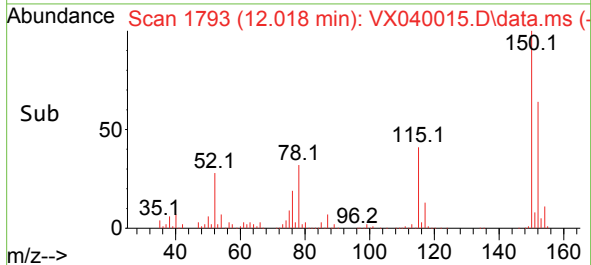
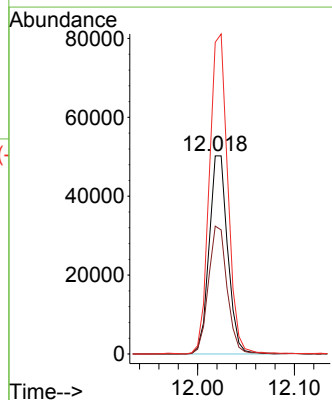
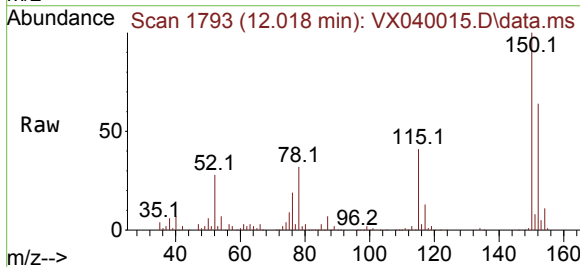
Tgt Ion:152 Resp: 67043

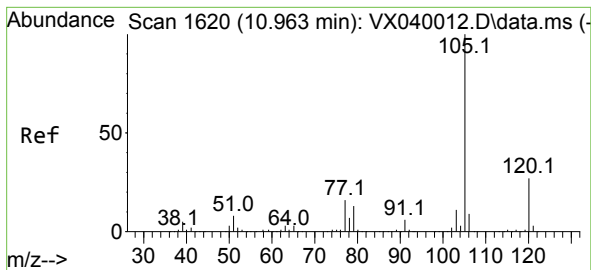
Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 160.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.337 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

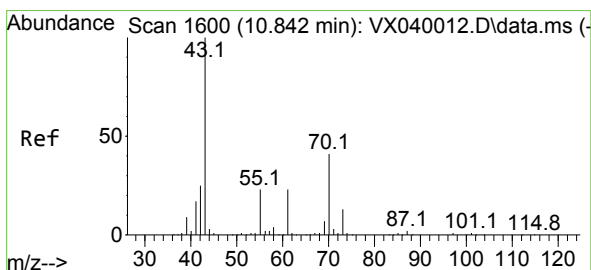
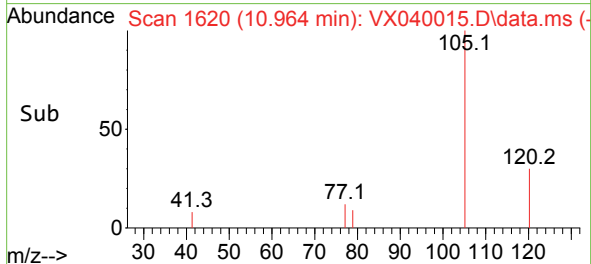
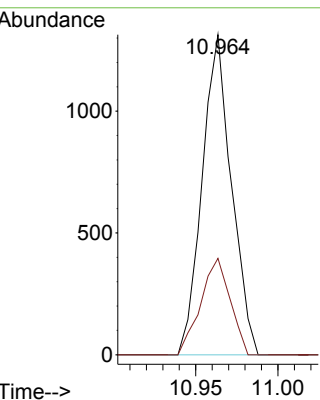
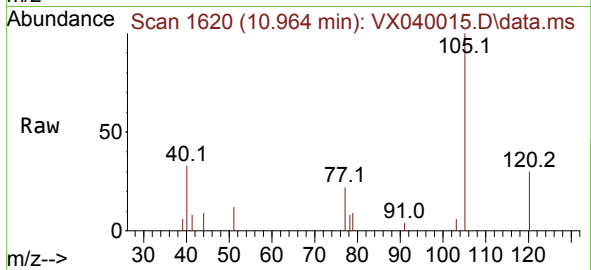
IBLK

Tgt Ion:105 Resp: 1623

Ion Ratio Lower Upper

105 100

120 30.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.441 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Tgt Ion: 43 Resp: 530

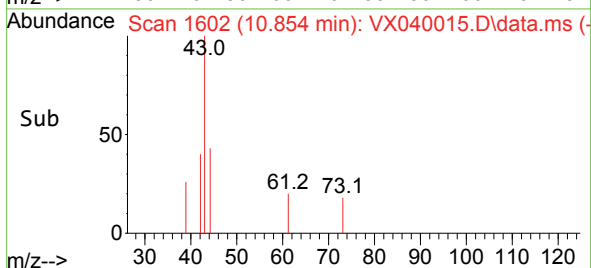
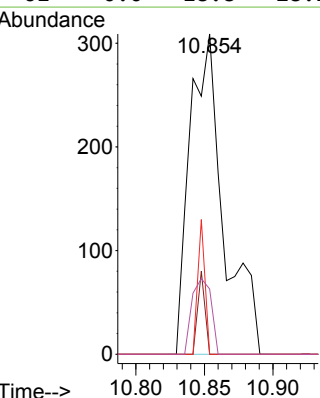
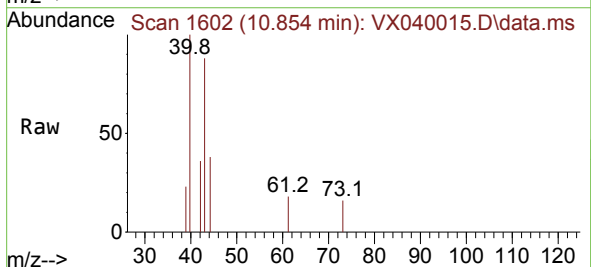
Ion Ratio Lower Upper

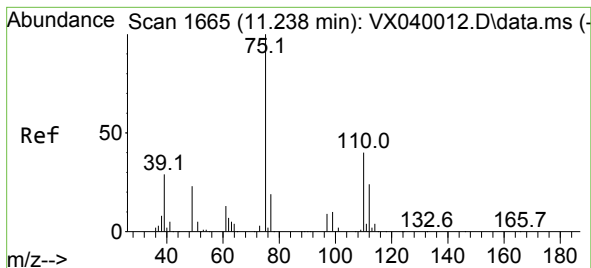
43 100

70 5.5 32.9 49.3#

55 9.1 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 27.242 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

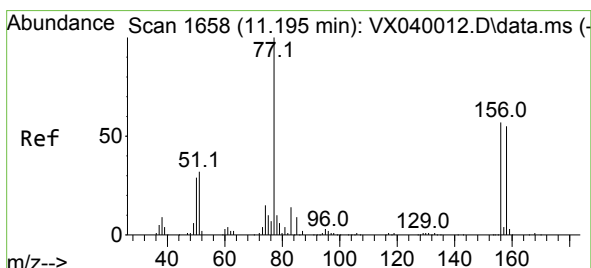
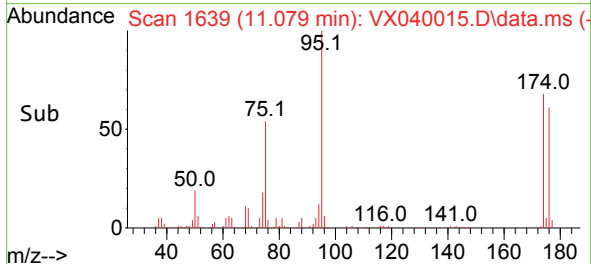
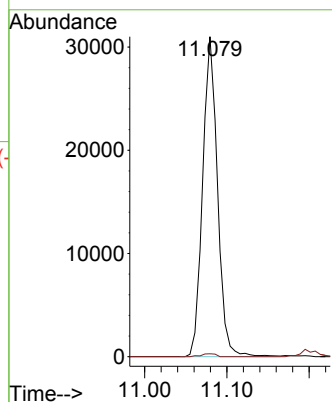
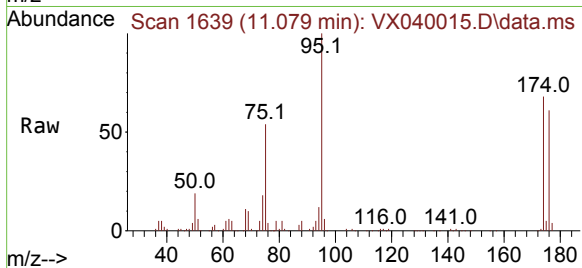
IBLK

Tgt Ion: 75 Resp: 38893

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#77

Bromobenzene

Concen: 0.529 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

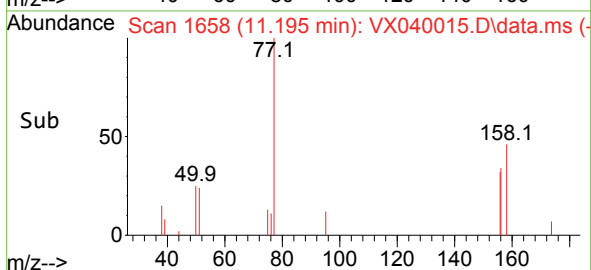
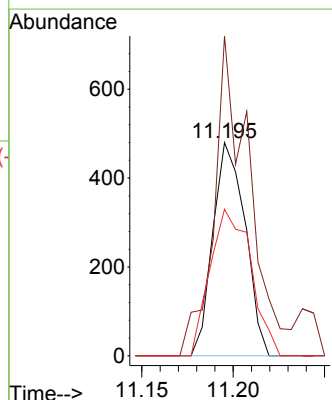
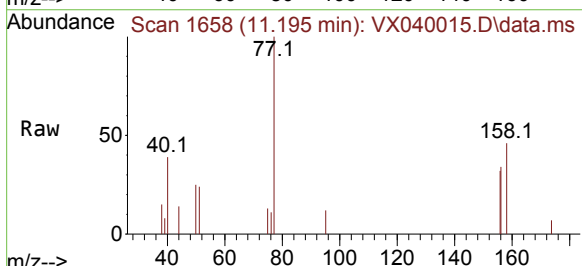
Tgt Ion:156 Resp: 588

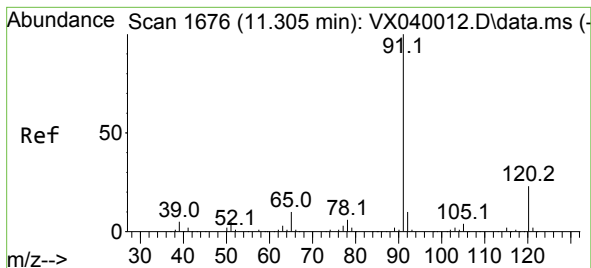
Ion Ratio Lower Upper

156 100

77 163.3 88.4 265.3

158 87.6 48.0 144.0





#78

n-propylbenzene

Concen: 0.504 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

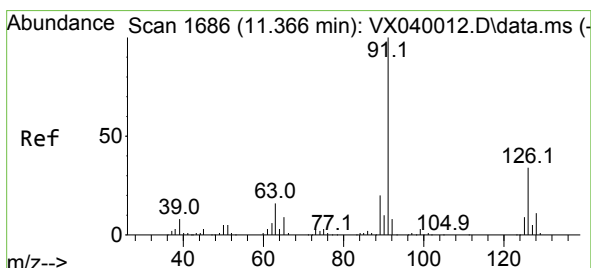
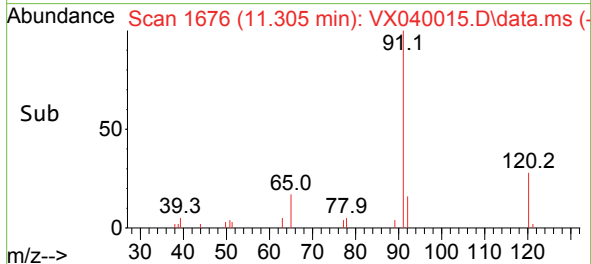
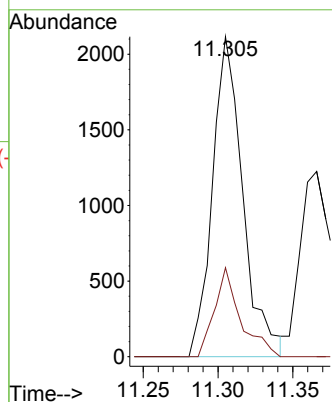
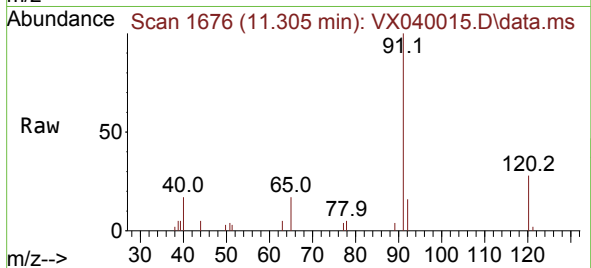
IBLK

Tgt Ion: 91 Resp: 2986

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.536 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX040015.D

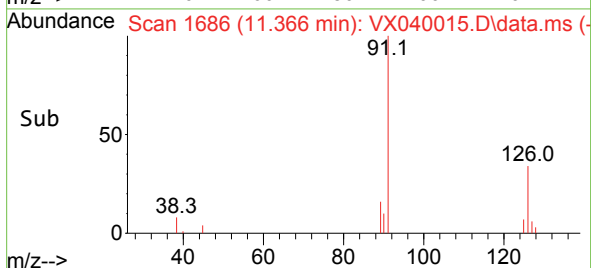
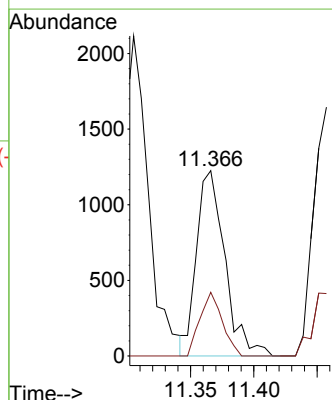
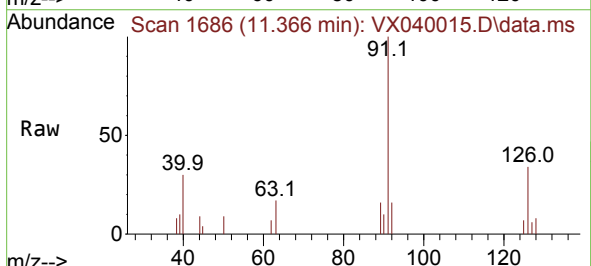
Acq: 30 Jan 2024 12:51

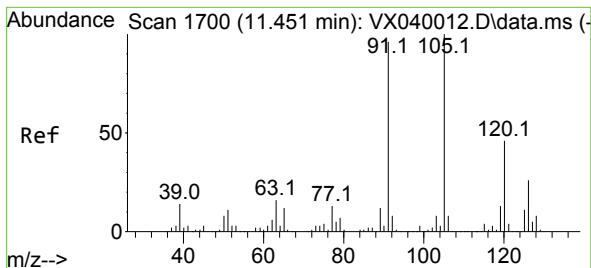
Tgt Ion: 91 Resp: 1910

Ion Ratio Lower Upper

91 100

126 27.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.399 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

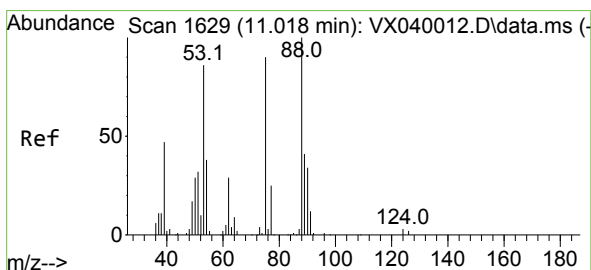
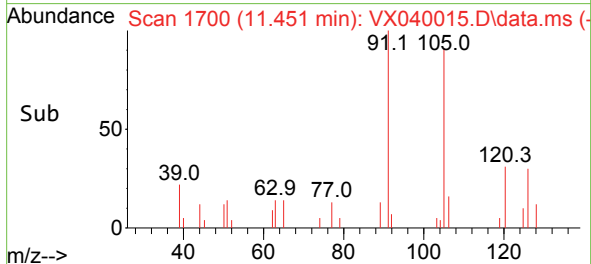
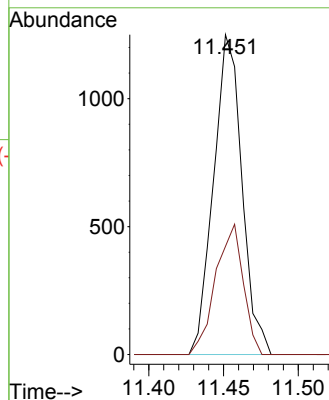
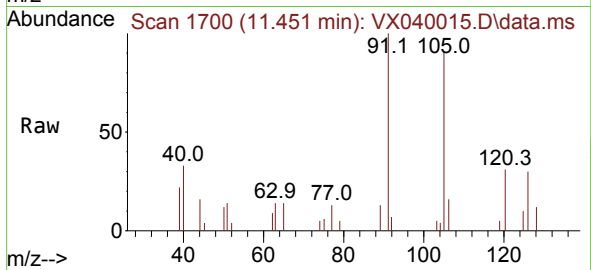
IBLK

Tgt Ion:105 Resp: 1650

Ion Ratio Lower Upper

105 100

120 39.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 79.415 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

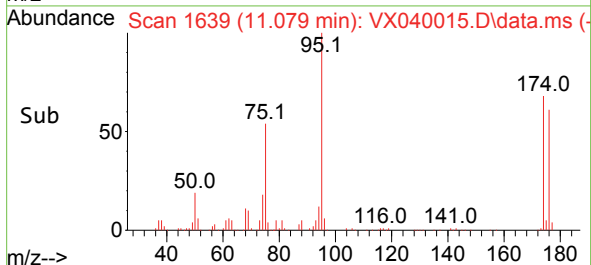
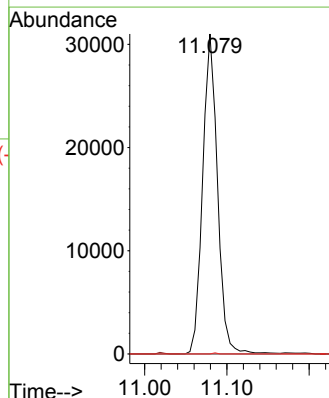
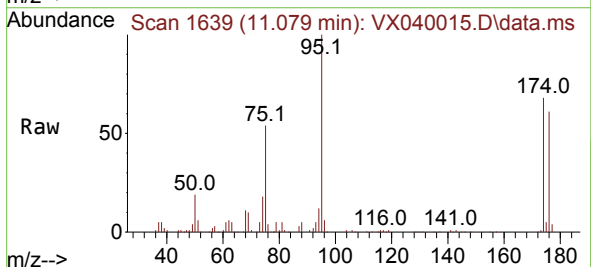
Tgt Ion: 75 Resp: 38893

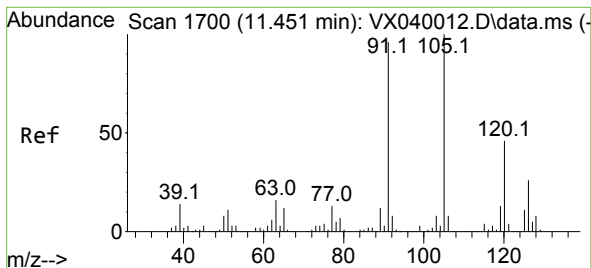
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.610 ug/l

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

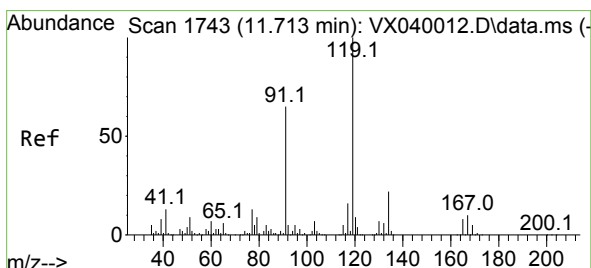
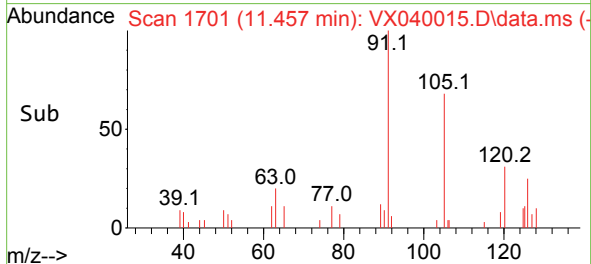
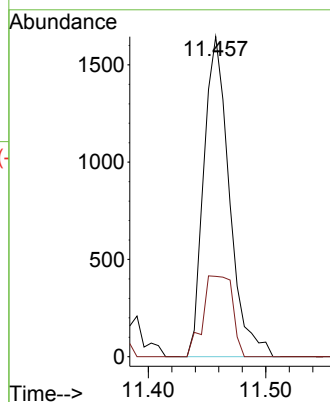
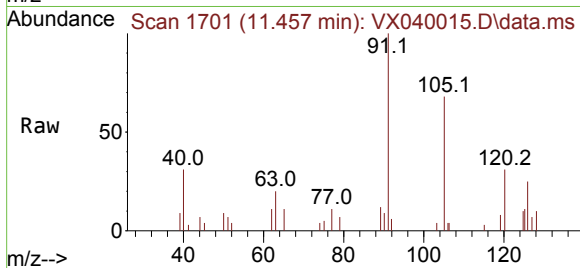
IBLK

Tgt Ion: 91 Resp: 2495

Ion Ratio Lower Upper

91 100

126 28.9 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.334 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

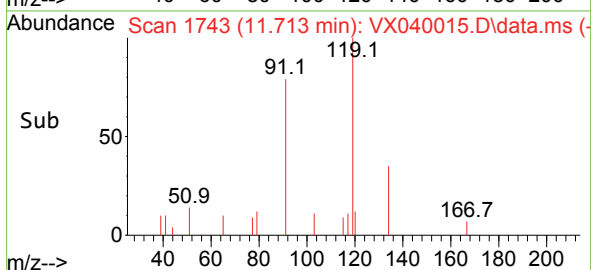
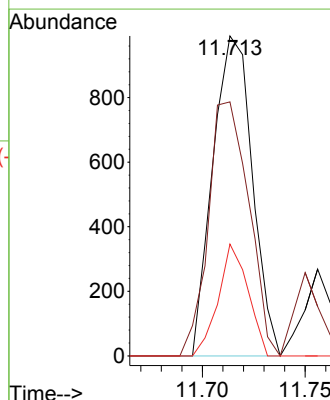
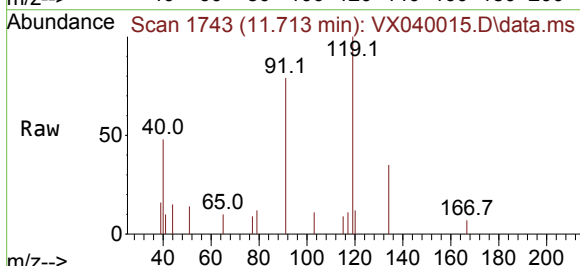
Tgt Ion: 119 Resp: 1324

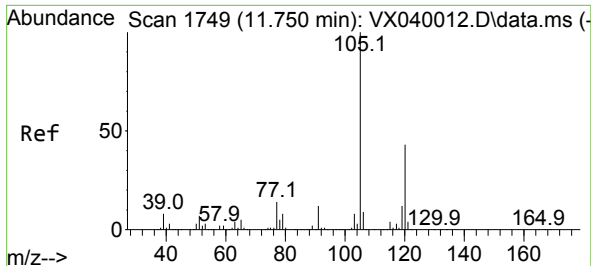
Ion Ratio Lower Upper

119 100

91 81.6 31.2 93.6

134 26.3 11.7 35.0

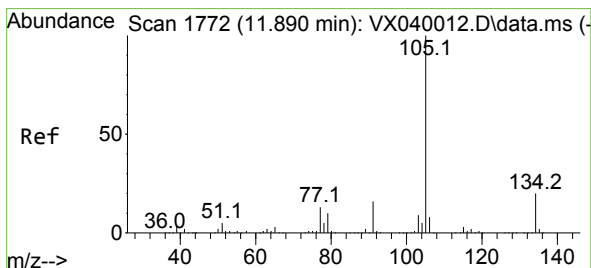
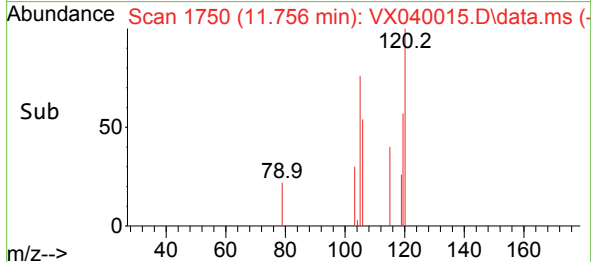
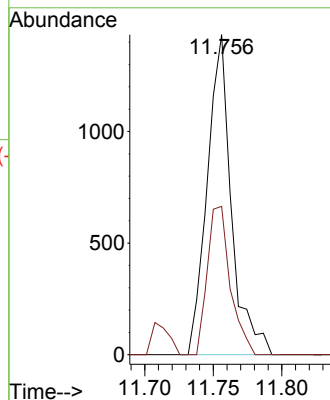
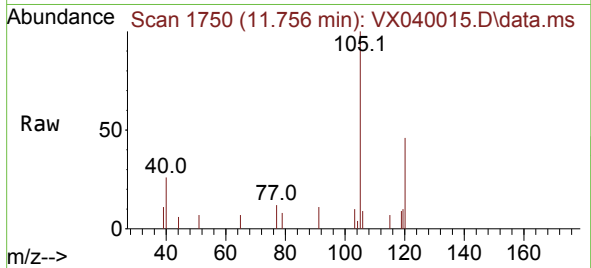




#84
1,2,4-Trimethylbenzene
Concen: 0.425 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

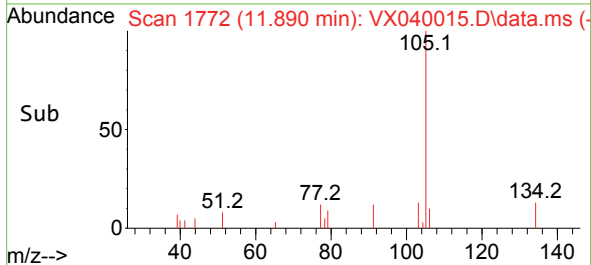
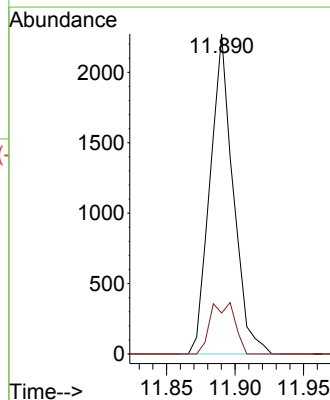
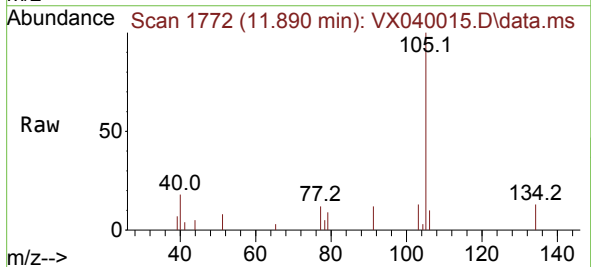
Instrument :
MSVOA_X
ClientSampleId :
IBLK

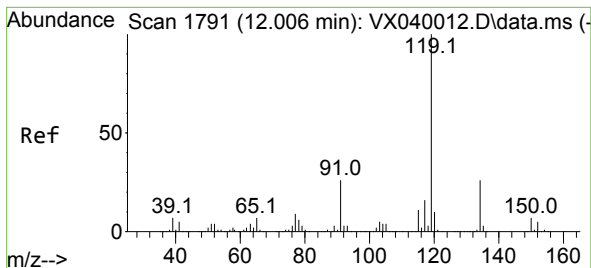
Tgt Ion:105 Resp: 1756
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.507 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion:105 Resp: 2659
Ion Ratio Lower Upper
105 100
134 17.1 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.508 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

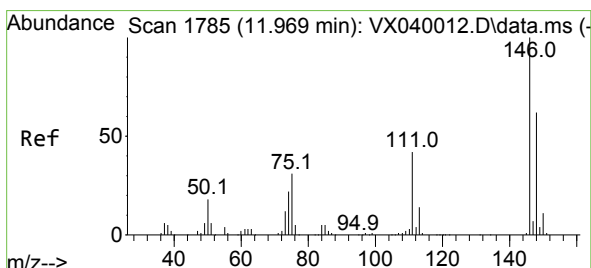
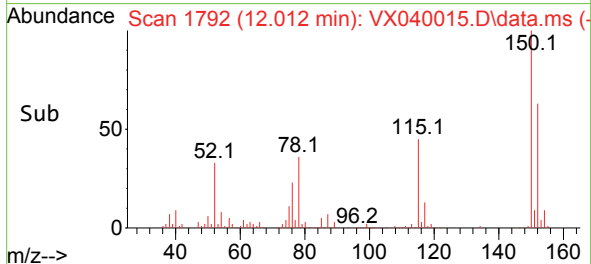
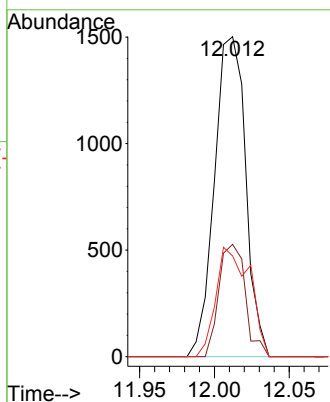
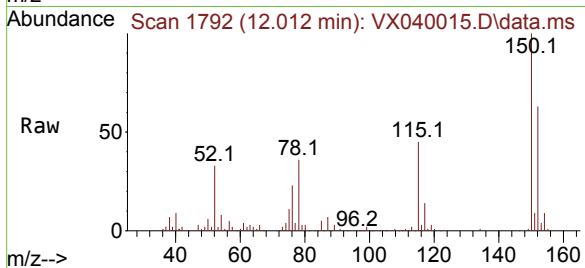
Tgt Ion:119 Resp: 2177

Ion Ratio Lower Upper

119 100

134 29.8 12.8 38.3

91 37.3 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.725 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

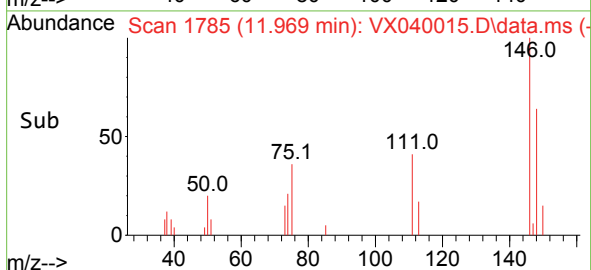
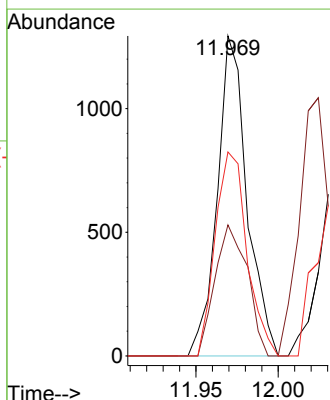
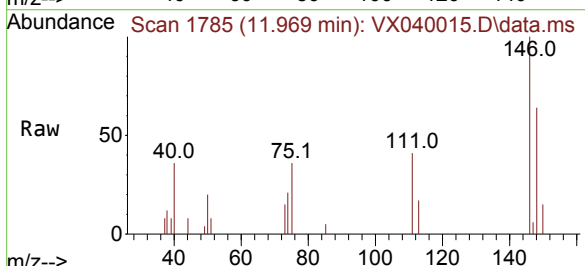
Tgt Ion:146 Resp: 1624

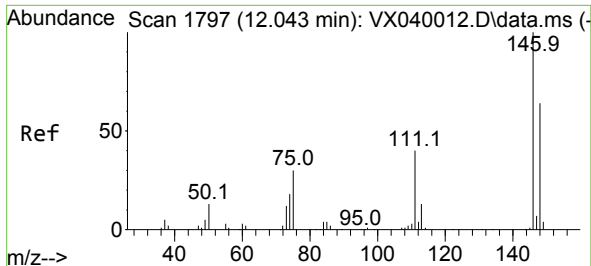
Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

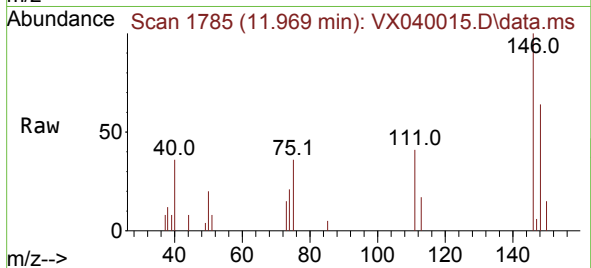
148 68.0 31.8 95.3



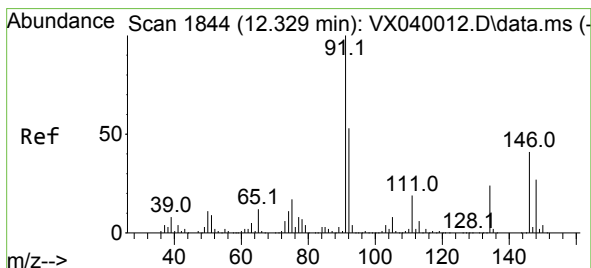
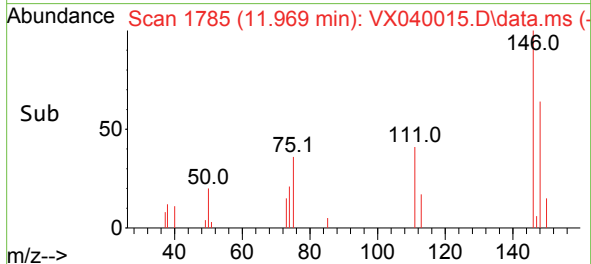
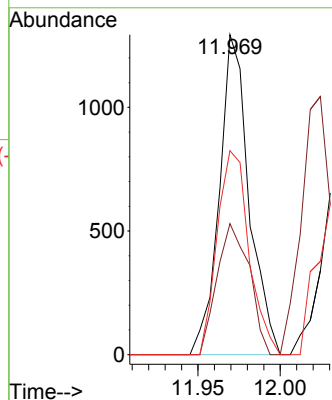


#88
1,4-Dichlorobenzene
Concen: 0.708 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
IBLK

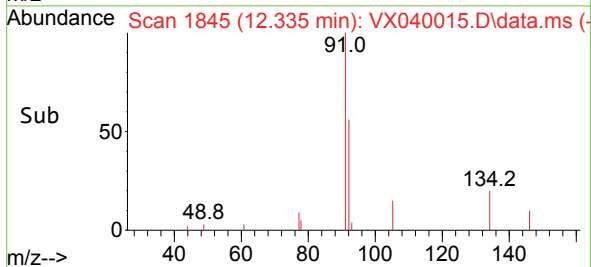
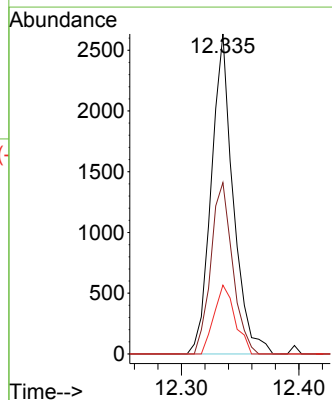
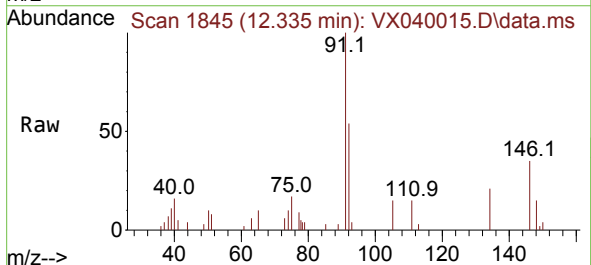


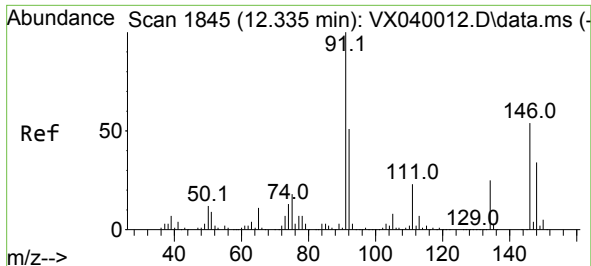
Tgt Ion:146 Resp: 1624
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.7
148 68.0 31.8 95.4



#89
n-Butylbenzene
Concen: 0.818 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 91 Resp: 3403
Ion Ratio Lower Upper
91 100
92 53.2 27.4 82.0
134 20.6 12.6 37.8

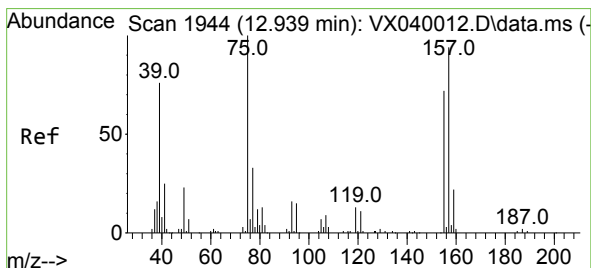
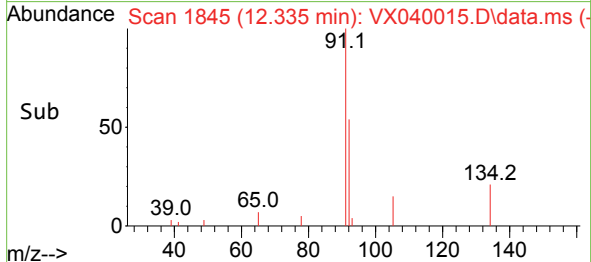
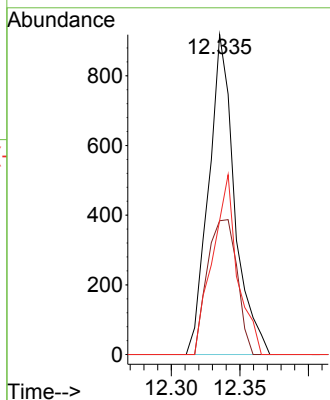
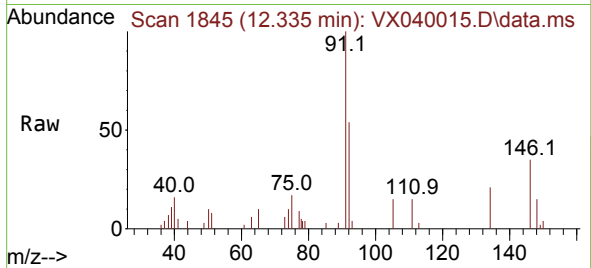




#91
1,2-Dichlorobenzene
Concen: 0.559 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

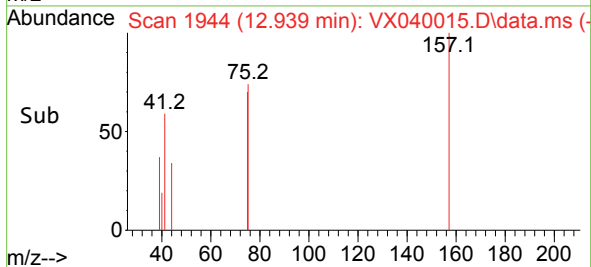
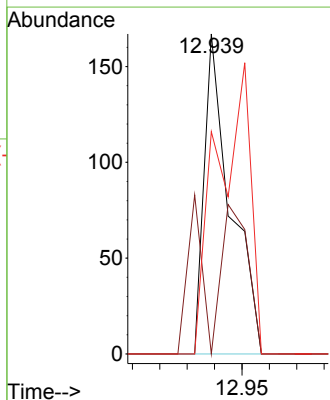
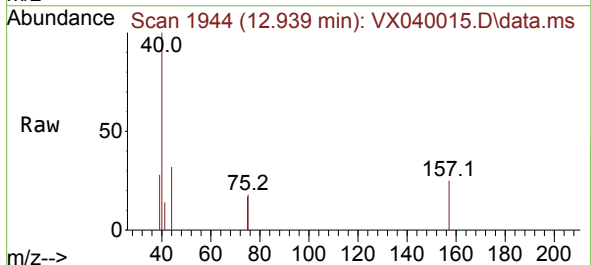
Instrument :
MSVOA_X
ClientSampleId :
IBLK

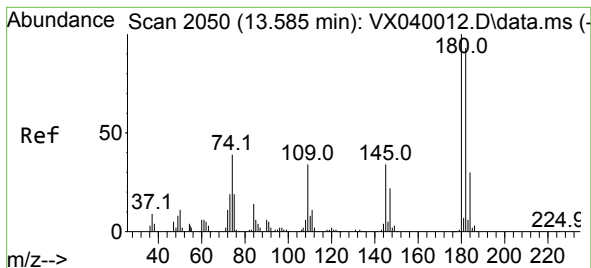
Tgt Ion:146 Resp: 1208
Ion Ratio Lower Upper
146 100
111 48.3 22.4 67.0
148 53.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.271 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
155 46.8 36.1 108.5
157 115.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 1.371 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

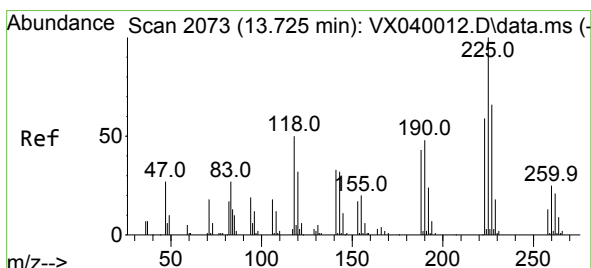
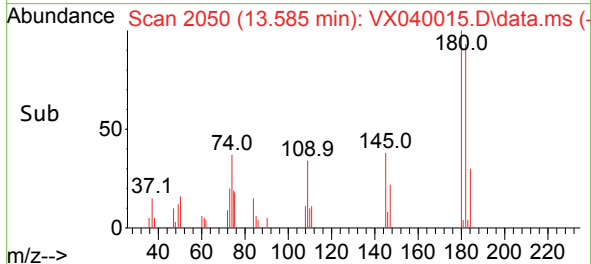
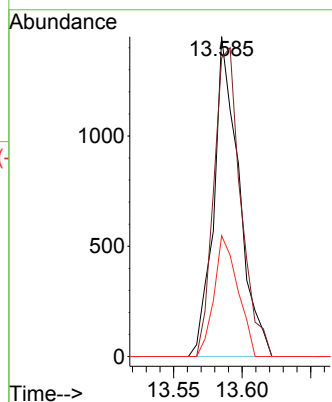
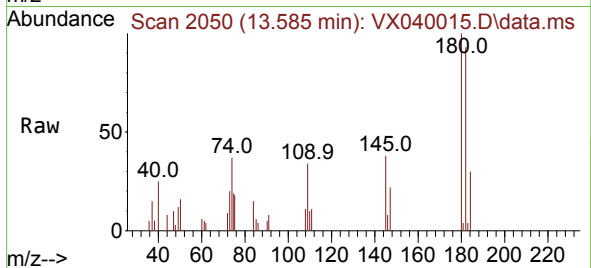
Tgt Ion:180 Resp: 1851

Ion Ratio Lower Upper

180 100

182 103.2 48.3 144.8

145 35.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 3.108 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

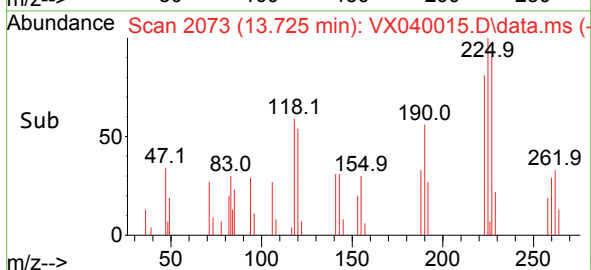
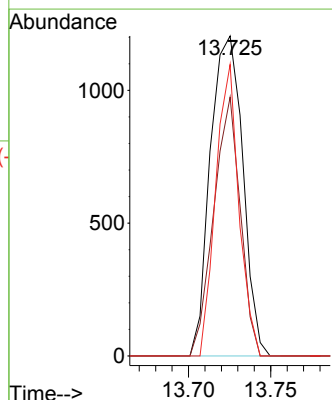
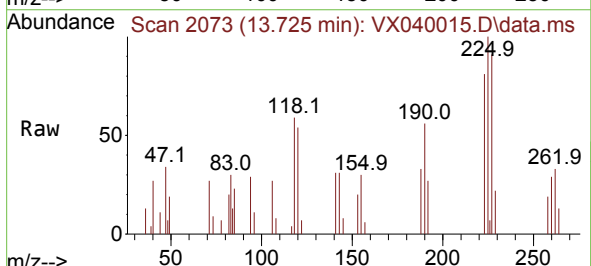
Tgt Ion:225 Resp: 1653

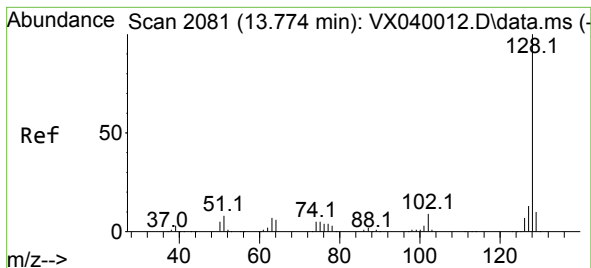
Ion Ratio Lower Upper

225 100

223 66.3 31.1 93.2

227 65.1 32.5 97.5





#95

Naphthalene

Concen: 1.679 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040015.D

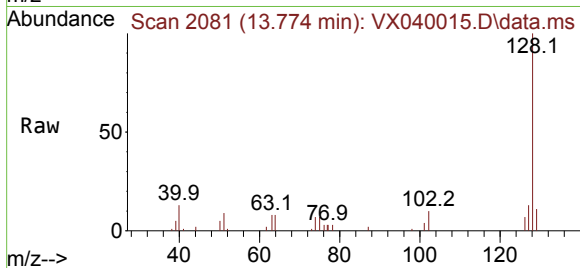
Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

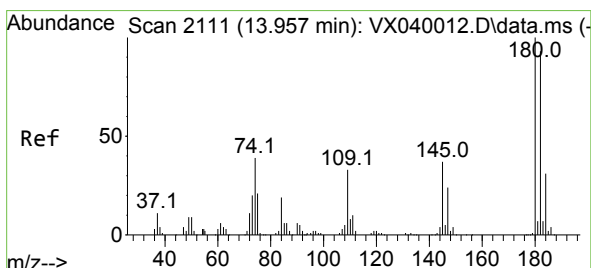
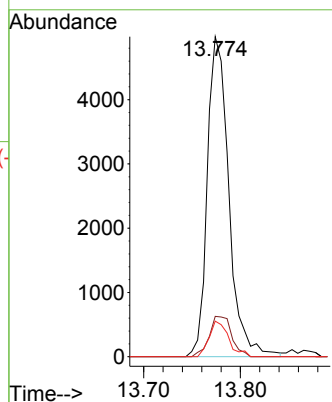
ClientSampleId :

IBLK



Tgt Ion:128 Resp: 7700

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.1	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.551 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040015.D

Acq: 30 Jan 2024 12:51

Tgt Ion:180 Resp: 2071

Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.6
145	29.0	17.8	53.5

