

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040454.D
 Acq On : 26 Feb 2024 12:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 27 05:05:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64337	45.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.340%
35) Dibromofluoromethane	5.385	113	47864	47.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.647	98	178614	48.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	68705	48.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	503	0.480	ug/l	89
3) Chloromethane	1.301	50	284	0.273	ug/l #	43
4) Vinyl Chloride	1.374	62	428	0.381	ug/l #	84
5) Bromomethane	1.611	94	302	0.483	ug/l #	38
6) Chloroethane	1.697	64	292	0.410	ug/l #	43
7) Trichlorofluoromethane	1.892	101	766	0.431	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	592	0.619	ug/l	91
10) Methyl Iodide	2.453	142	452	3.446	ug/l #	78
11) Tert butyl alcohol	2.953	59	704	2.973	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	388	0.404	ug/l #	86
13) Acrolein	2.239	56	619	4.077	ug/l	86
15) Acrylonitrile	3.062	53	1480	2.491	ug/l	93
16) Acetone	2.380	43	966	2.103	ug/l #	68
17) Carbon Disulfide	2.514	76	4840	1.821	ug/l #	93
18) Methyl Acetate	2.697	43	458	0.323	ug/l #	53
20) Methylene Chloride	2.794	84	597	0.543	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	867	0.847	ug/l #	61
23) Vinyl Acetate	3.739	43	1357	0.439	ug/l	98
25) 2-Butanone	4.580	43	1083	1.353	ug/l #	51
28) Bromochloromethane	4.898	49	174	0.211	ug/l #	31
29) Tetrahydrofuran	5.044	42	572	1.024	ug/l #	58
31) Cyclohexane	5.471	56	640	0.401	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	882	0.565	ug/l #	90
38) Carbon Tetrachloride	5.678	117	346	0.229	ug/l #	50
39) Methylcyclohexane	7.379	83	950	0.563	ug/l	93
42) 1,2-Dichloroethane	6.111	62	406	0.232	ug/l #	77
44) Trichloroethene	7.117	130	558	0.491	ug/l	49
46) Dibromomethane	7.586	93	303	0.364	ug/l #	80
49) 1,4-Dioxane	7.671	88	388	15.303	ug/l #	47
51) 4-Methyl-2-Pentanone	8.574	43	1091	0.615	ug/l	92
52) Toluene	8.732	92	744	0.287	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	520	0.313	ug/l #	75
54) cis-1,3-Dichloropropene	8.372	75	463	0.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	513	0.588	ug/l #	60
59) 2-Hexanone	9.439	43	1564	1.147	ug/l	74
61) 1,2-Dibromoethane	9.616	107	259	0.220	ug/l	99

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Instrument :
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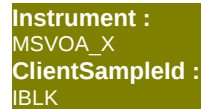
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

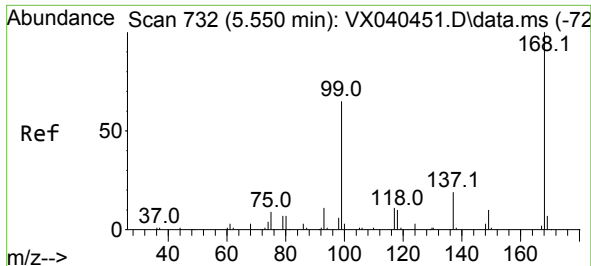
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Tetrachloroethene	9.269	164	513	0.534	ug/l	89
65) Chlorobenzene	10.086	112	1053	0.362	ug/l #	86
67) Ethyl Benzene	10.195	91	1733	0.325	ug/l	93
68) m/p-Xylenes	10.305	106	1488	0.747	ug/l	92
69) o-Xylene	10.646	106	570	0.299	ug/l	87
70) Styrene	10.659	104	873	0.275	ug/l #	82
73) Isopropylbenzene	10.963	105	1828	0.367	ug/l	100
74) N-amyl acetate	10.848	43	542	0.234	ug/l #	69
76) 1,2,3-Trichloropropane	11.079	75	38852	26.079	ug/l #	38
77) Bromobenzene	11.195	156	513	0.435	ug/l	93
78) n-propylbenzene	11.305	91	3307	0.535	ug/l	96
79) 2-Chlorotoluene	11.360	91	1664	0.447	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1883	0.444	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	38852	75.894	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2456	0.571	ug/l	95
83) tert-Butylbenzene	11.713	119	1604	0.401	ug/l	87
84) 1,2,4-Trimethylbenzene	11.750	105	1944	0.462	ug/l	95
85) sec-Butylbenzene	11.890	105	2797	0.533	ug/l	99
86) p-Isopropyltoluene	12.012	119	2589	0.598	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	1691	0.720	ug/l	92
88) 1,4-Dichlorobenzene	11.969	146	1691	0.707	ug/l	93
89) n-Butylbenzene	12.335	91	3751	0.881	ug/l	93
90) Hexachloroethane	12.536	117	321	0.446	ug/l #	53
91) 1,2-Dichlorobenzene	12.335	146	1187	0.530	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	143	0.340	ug/l #	63
93) 1,2,4-Trichlorobenzene	13.585	180	2382	1.630	ug/l	95
94) Hexachlorobutadiene	13.725	225	2185	3.659	ug/l	98
95) Naphthalene	13.774	128	7649	1.638	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2329	1.677	ug/l	96

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

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IBLK

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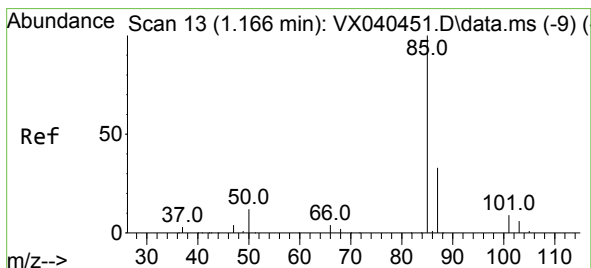
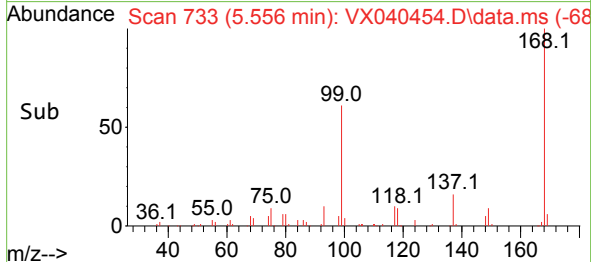
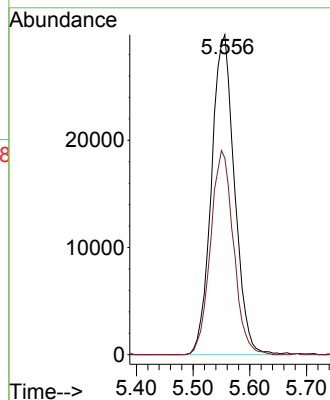
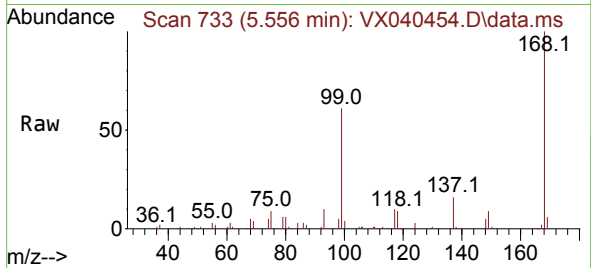




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

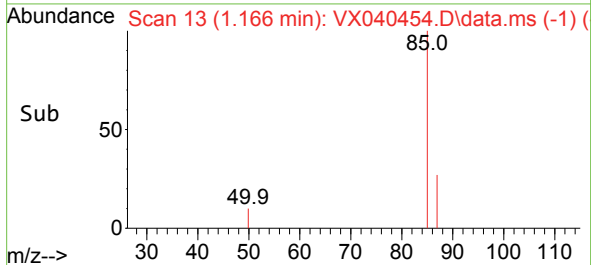
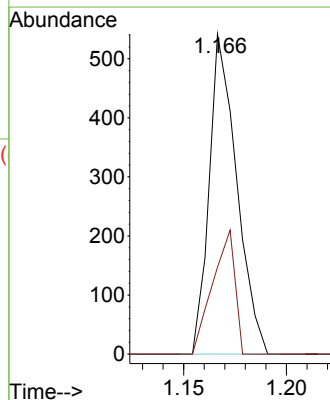
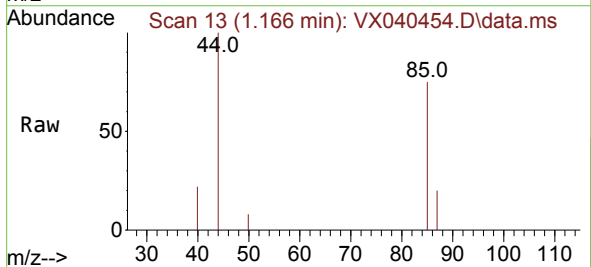
Instrument :
MSVOA_X
ClientSampleId :
IBLK

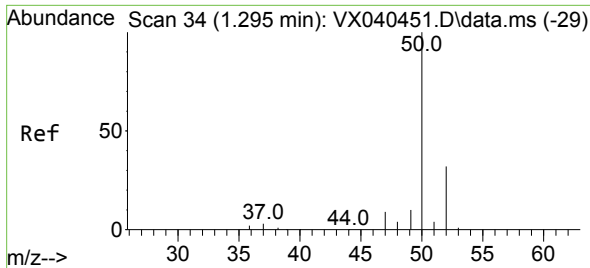
Tgt Ion:168 Resp: 84229
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.480 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 85 Resp: 503
Ion Ratio Lower Upper
85 100
87 27.1 16.7 50.1





#3

Chloromethane

Concen: 0.273 ug/l

RT: 1.301 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

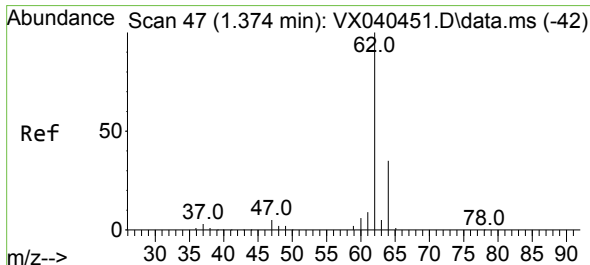
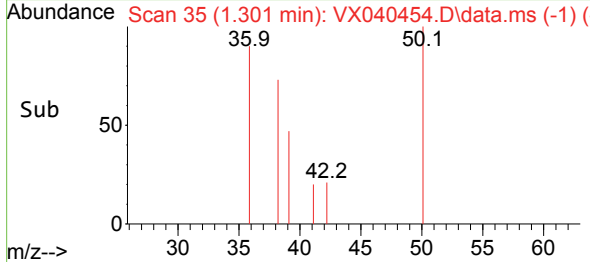
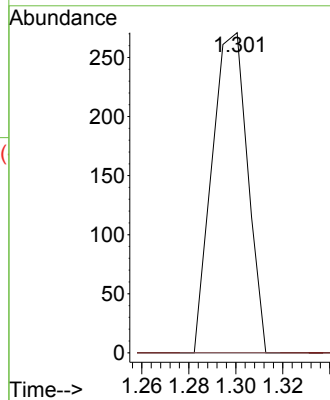
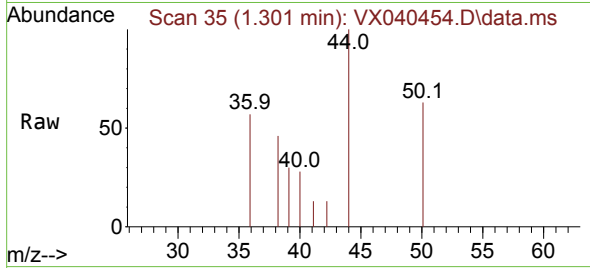
IBLK

Tgt Ion: 50 Resp: 284

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



#4

Vinyl Chloride

Concen: 0.381 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040454.D

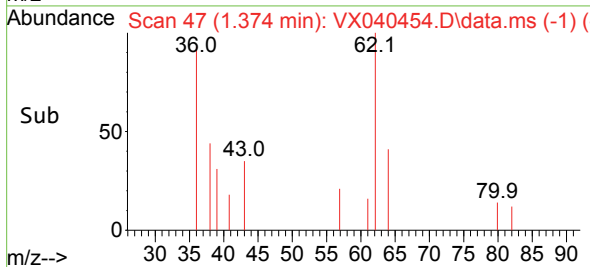
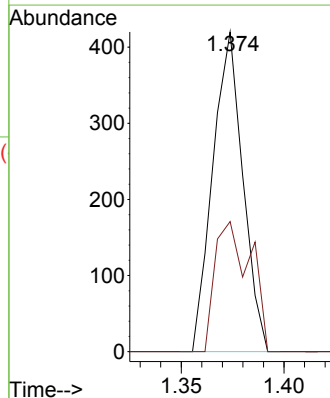
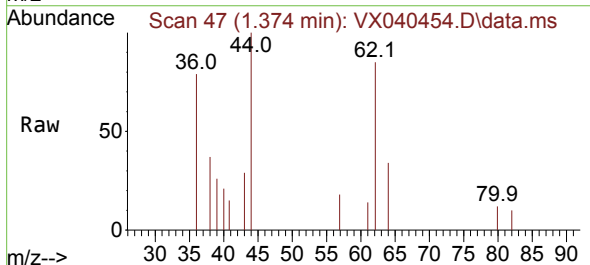
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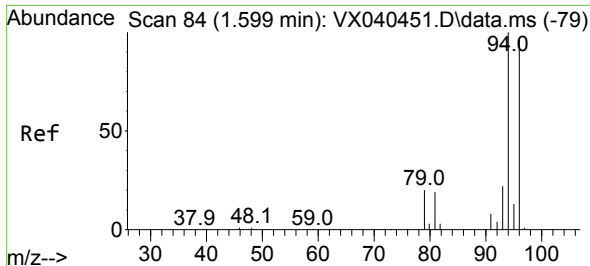
Tgt Ion: 62 Resp: 428

Ion Ratio Lower Upper

62 100

64 40.7 25.4 38.0#

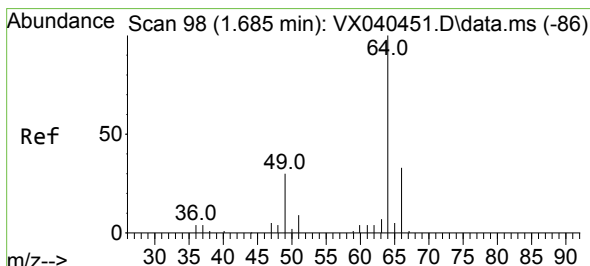
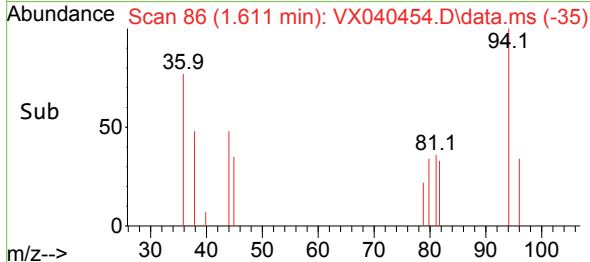
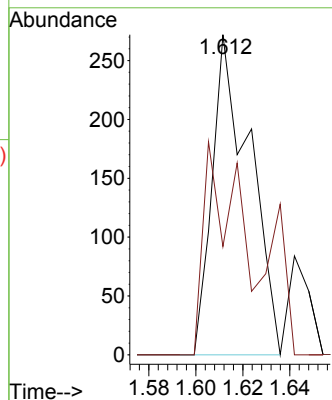
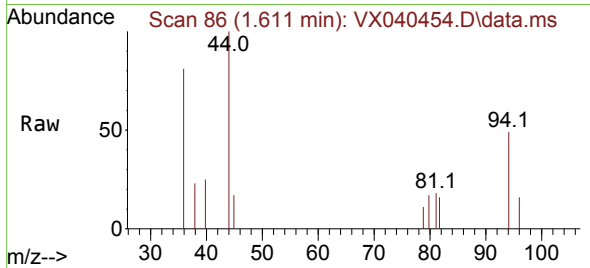




#5
Bromomethane
Concen: 0.483 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

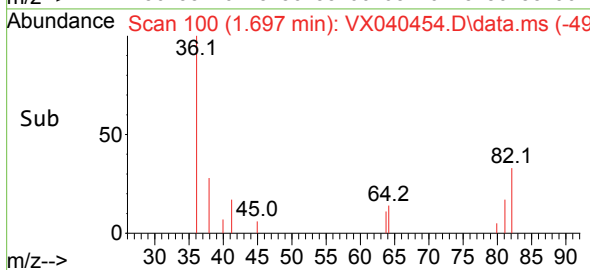
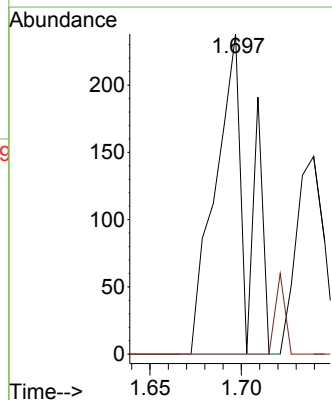
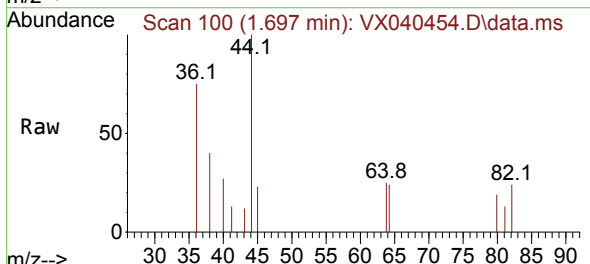
Instrument :
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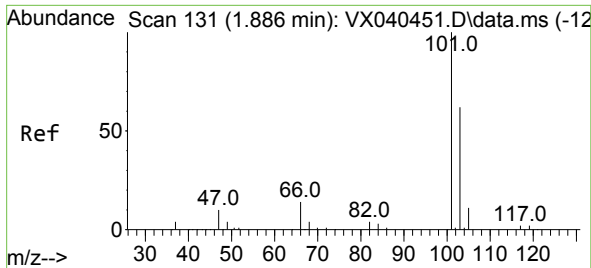
Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 33.8 74.6 111.8#



#6
Chloroethane
Concen: 0.410 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

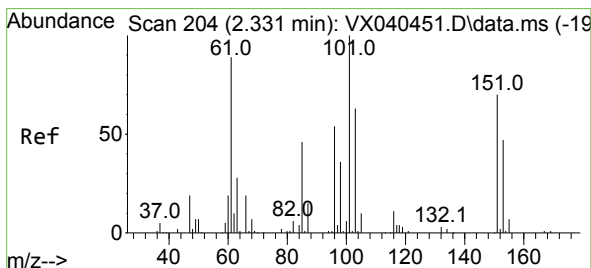
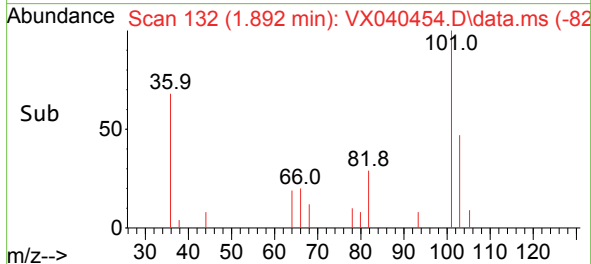
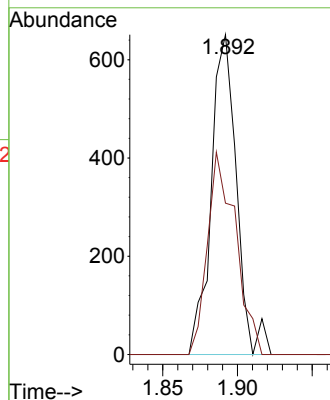
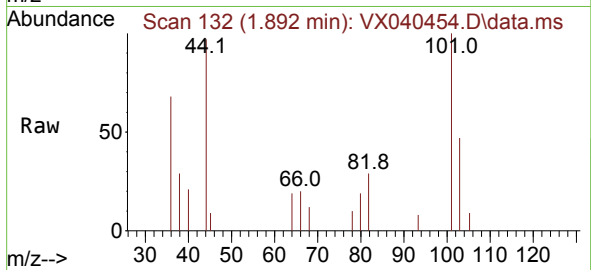




#7
 Trichlorofluoromethane
 Concen: 0.431 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

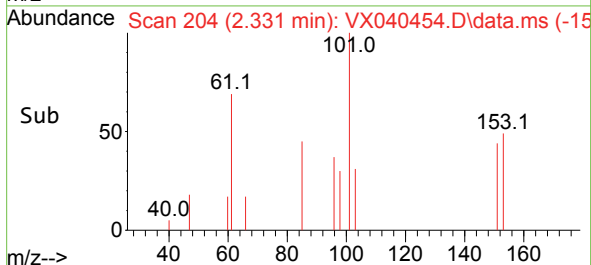
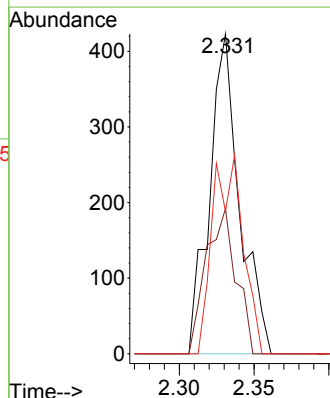
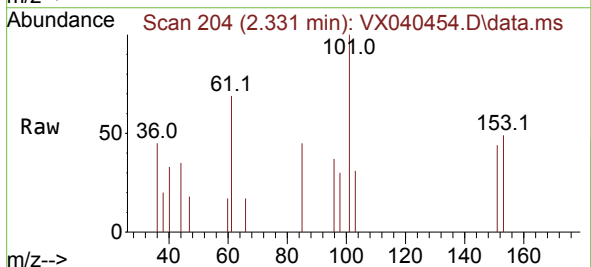
Instrument :
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 ClientSampleId :
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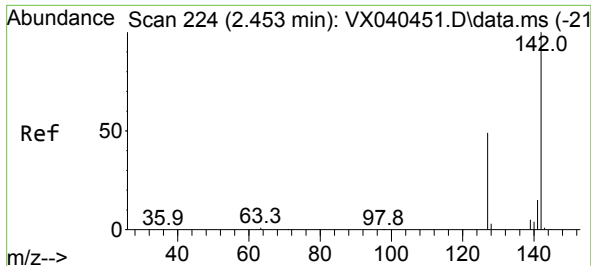
Tgt Ion:101 Resp: 766
 Ion Ratio Lower Upper
 101 100
 103 47.3 51.4 77.2#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.619 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

Tgt Ion:101 Resp: 592
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.0 55.6
 151 62.2 58.6 87.8

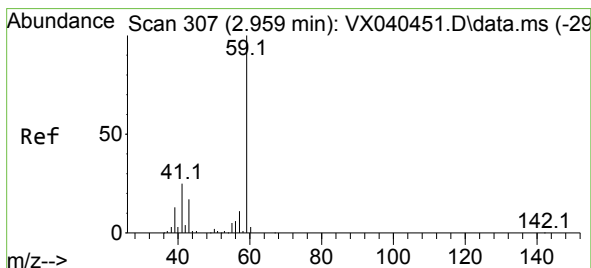
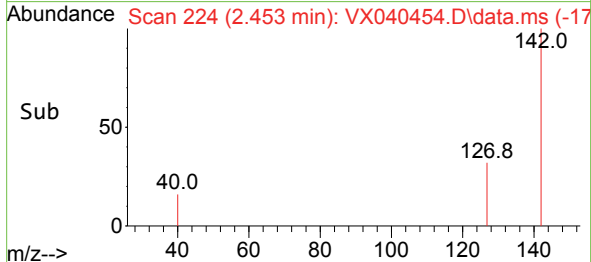
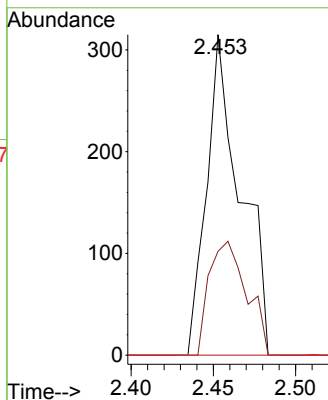
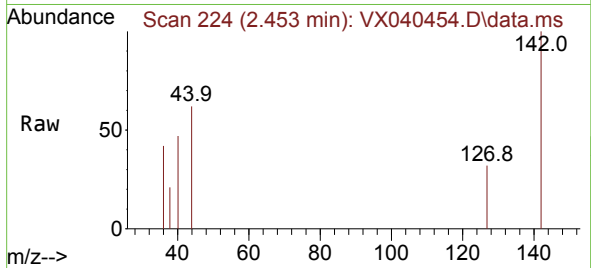




#10
Methyl Iodide
Concen: 3.446 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

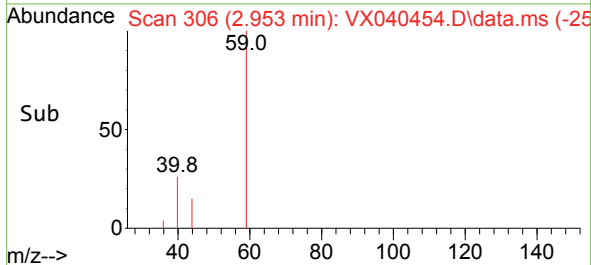
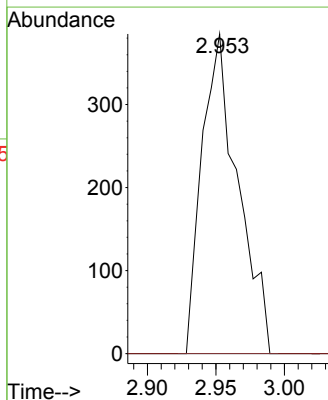
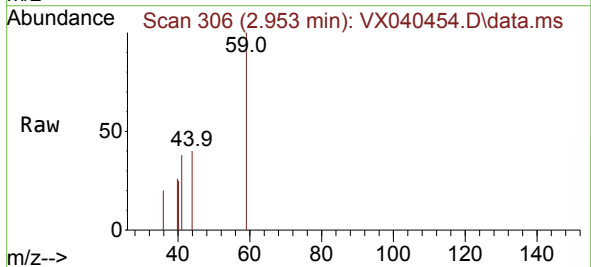
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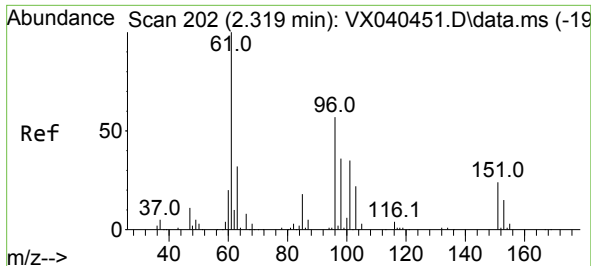
Tgt Ion:142 Resp: 452
Ion Ratio Lower Upper
142 100
127 39.4 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.973 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 59 Resp: 704
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.404 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

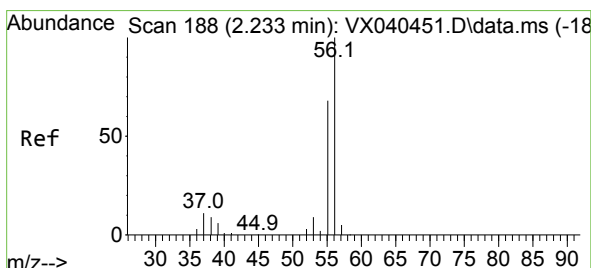
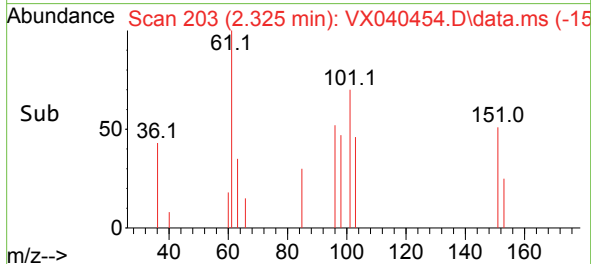
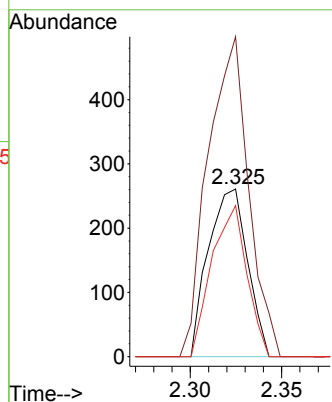
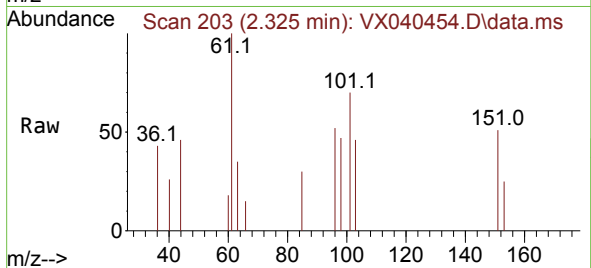
Tgt Ion: 96 Resp: 388

Ion Ratio Lower Upper

96 100

61 190.8 144.6 216.8

98 90.0 50.4 75.6#



#13

Acrolein

Concen: 4.077 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX040454.D

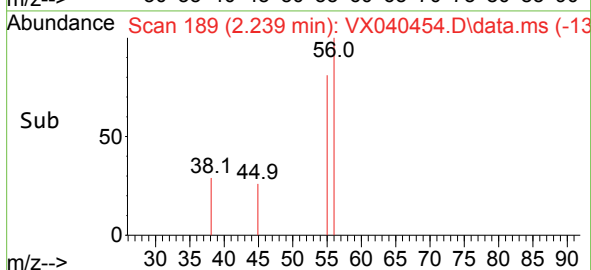
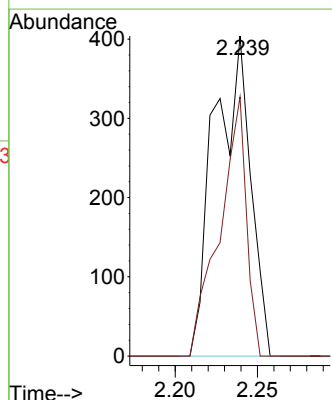
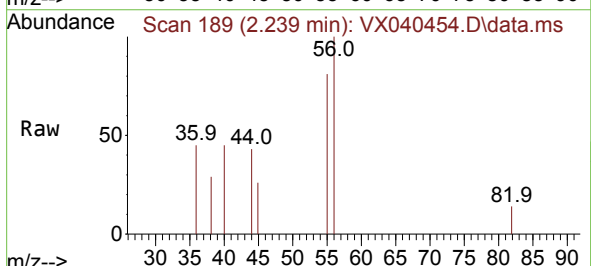
Acq: 26 Feb 2024 12:01

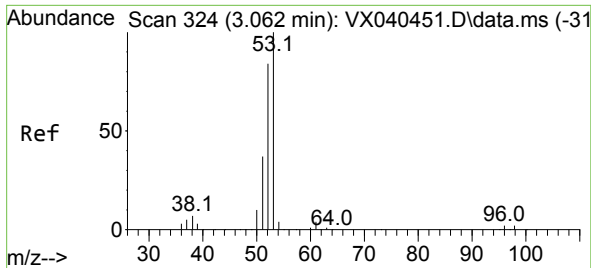
Tgt Ion: 56 Resp: 619

Ion Ratio Lower Upper

56 100

55 59.8 57.1 85.7

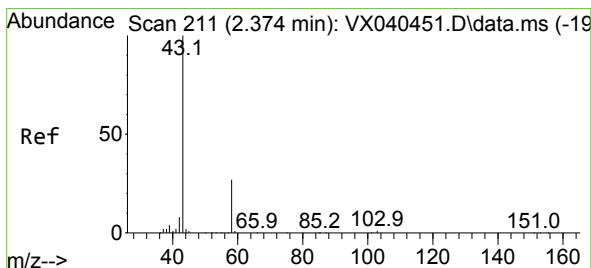
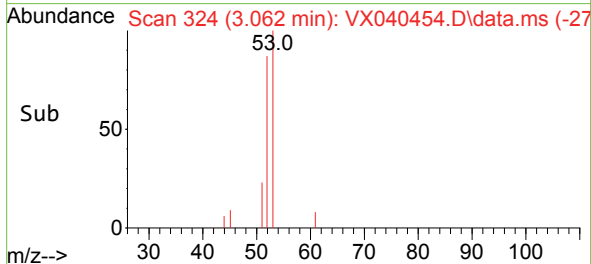
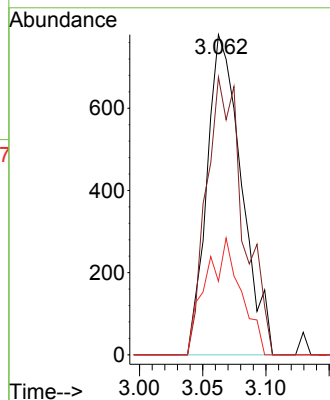
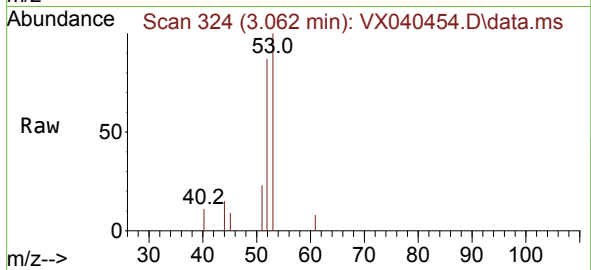




#15
Acrylonitrile
Concen: 2.491 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

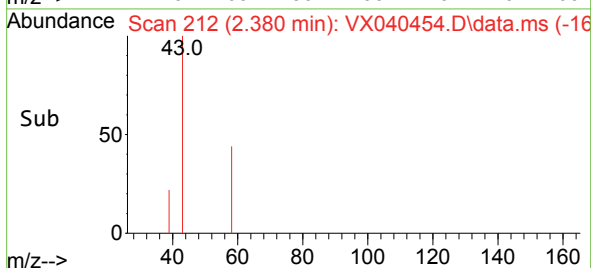
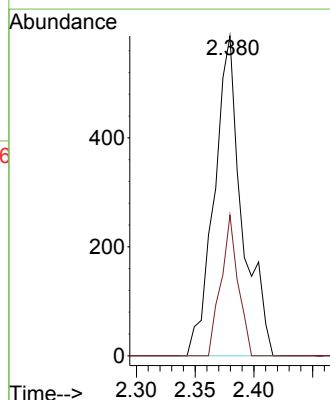
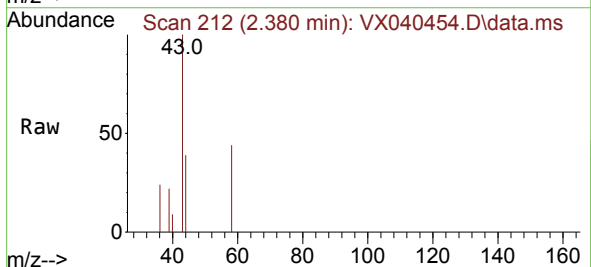
Instrument :
MSVOA_X
ClientSampleId :
IBLK

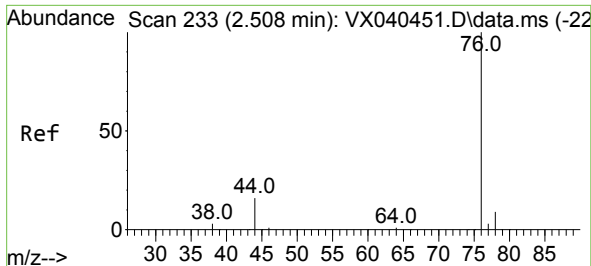
Tgt Ion: 53 Resp: 1480
Ion Ratio Lower Upper
53 100
52 92.1 66.0 99.0
51 37.1 29.8 44.6



#16
Acetone
Concen: 2.103 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 44.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 1.821 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

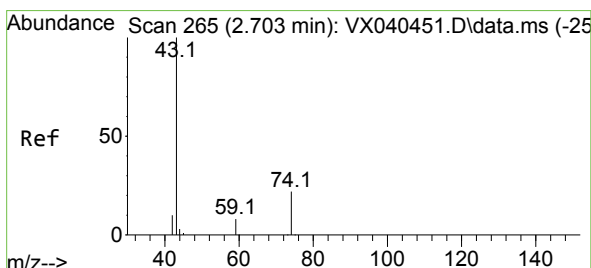
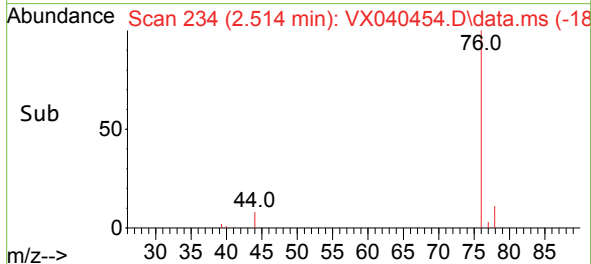
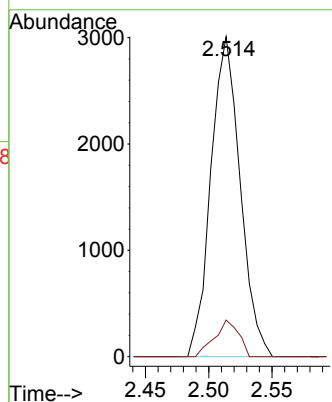
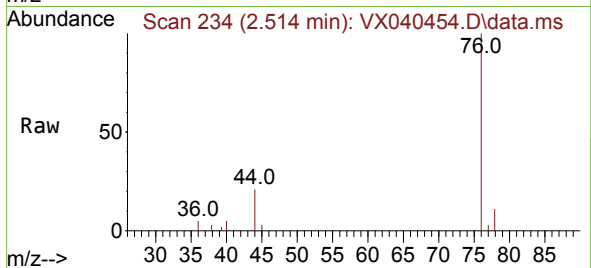
IBLK

Tgt Ion: 76 Resp: 4840

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.6#



#18

Methyl Acetate

Concen: 0.323 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX040454.D

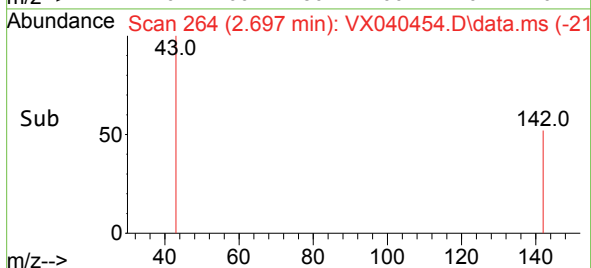
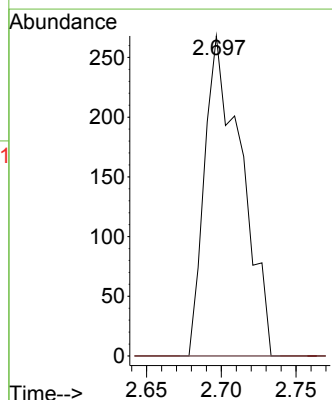
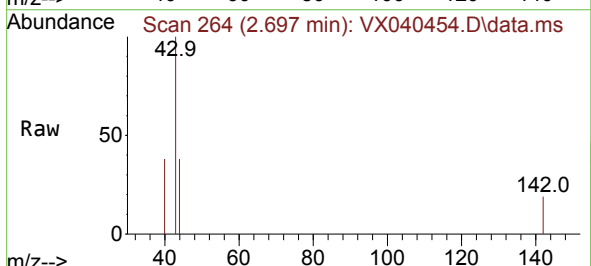
Acq: 26 Feb 2024 12:01

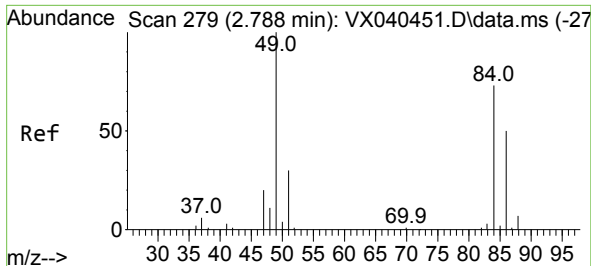
Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

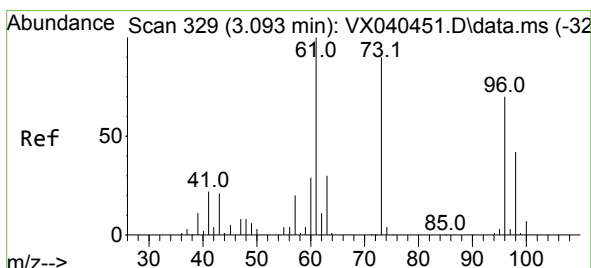
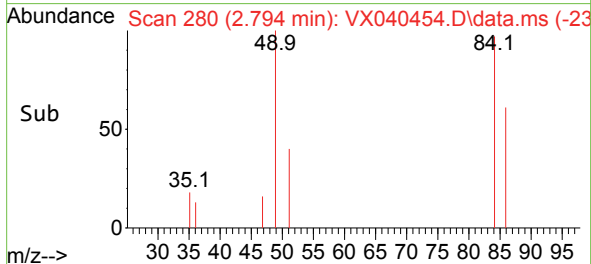
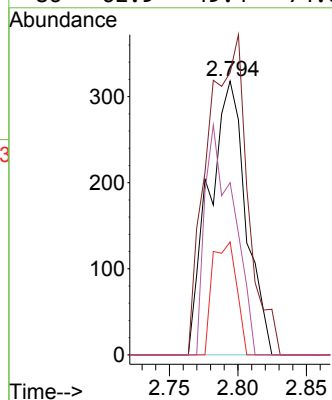
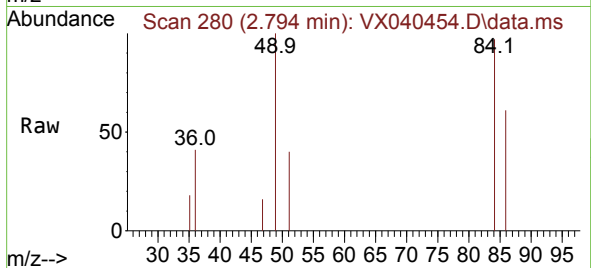




#20
Methylene Chloride
Concen: 0.543 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

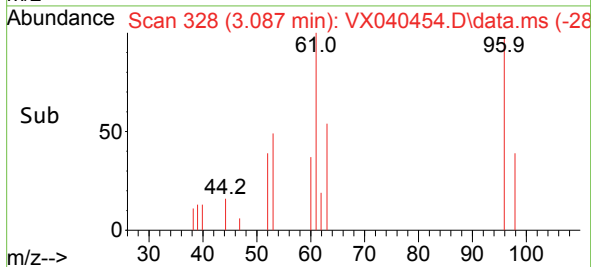
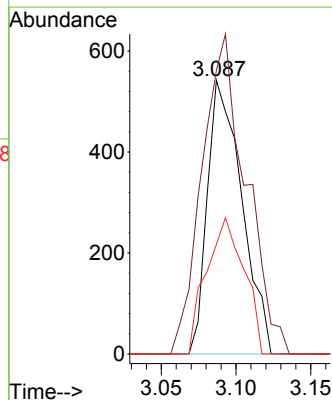
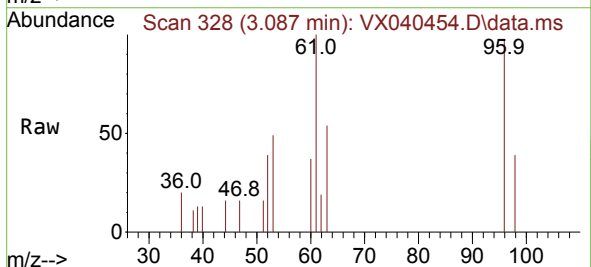
Instrument :
MSVOA_X
ClientSampleId :
IBLK

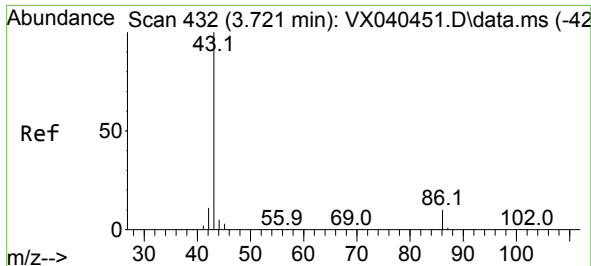
Tgt Ion: 84 Resp: 597
Ion Ratio Lower Upper
84 100
49 103.1 103.6 155.4#
51 41.2 33.8 50.6
86 62.9 49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.847 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 96 Resp: 867
Ion Ratio Lower Upper
96 100
61 93.5 119.2 178.8#
98 40.0 48.7 73.1#

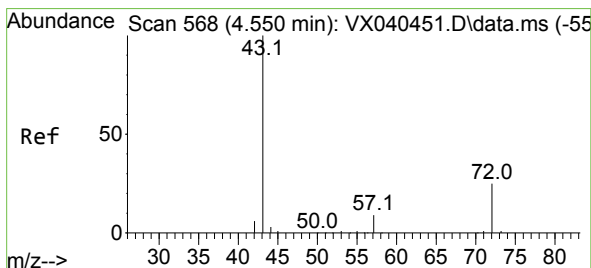
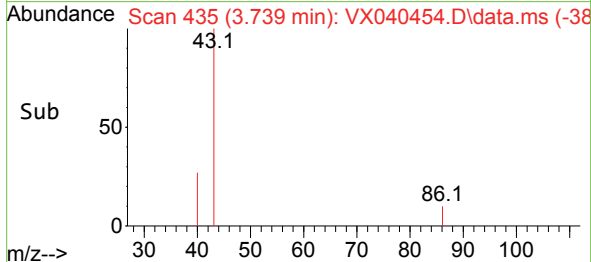
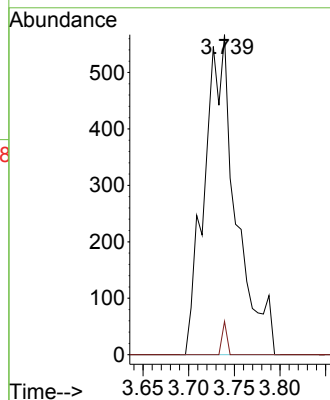
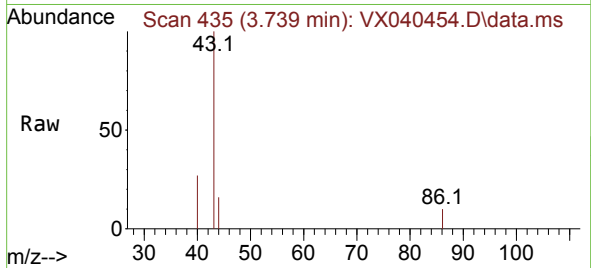




#23
 Vinyl Acetate
 Concen: 0.439 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

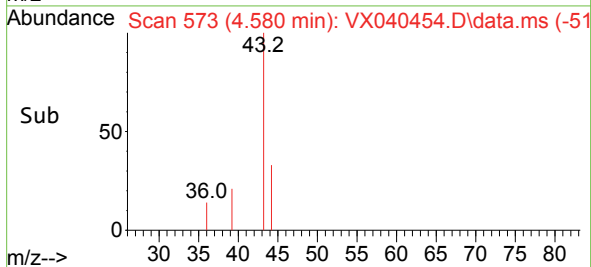
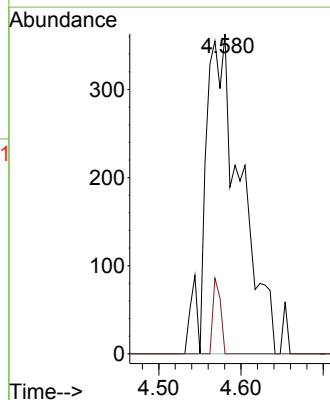
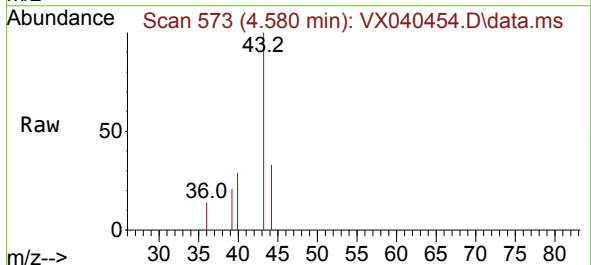
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

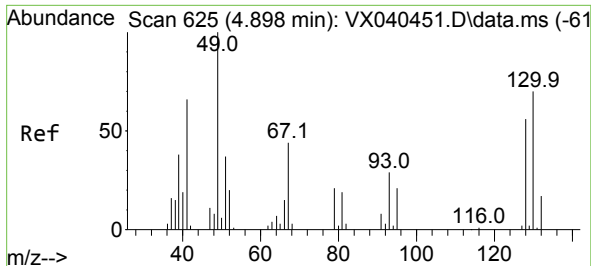
Tgt Ion: 43 Resp: 1357
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#25
 2-Butanone
 Concen: 1.353 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.030 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

Tgt Ion: 43 Resp: 1083
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#

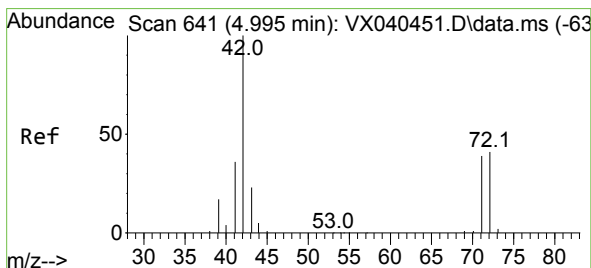
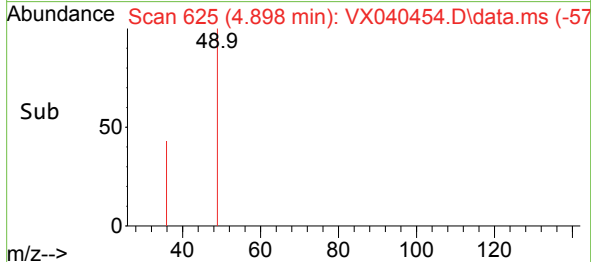
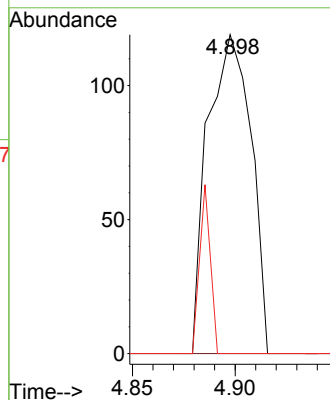
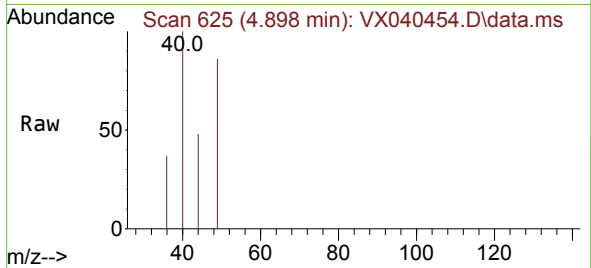




#28
Bromochloromethane
Concen: 0.211 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

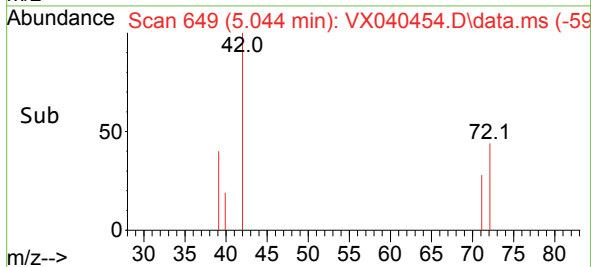
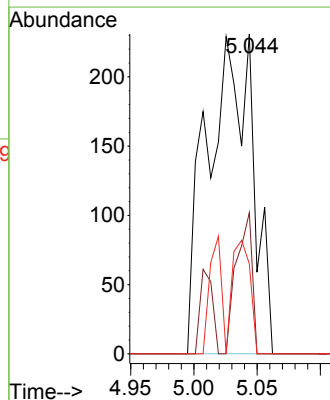
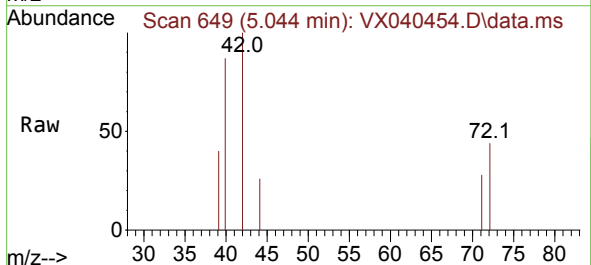
Instrument :
MSVOA_X
ClientSampleId :
IBLK

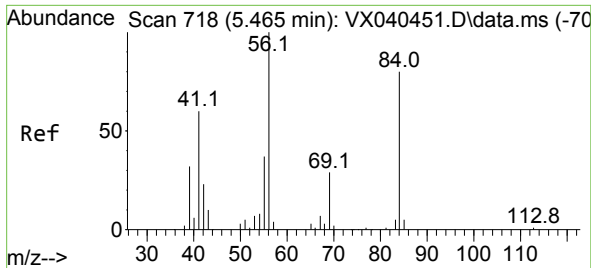
Tgt Ion: 49 Resp: 174
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 13.2 57.5 86.3#



#29
Tetrahydrofuran
Concen: 1.024 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.049 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 42 Resp: 572
Ion Ratio Lower Upper
42 100
72 15.6 34.2 51.4#
71 14.2 32.2 48.2#

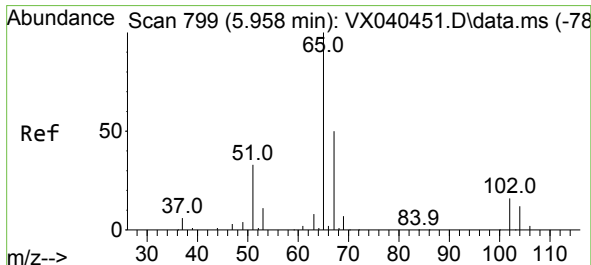
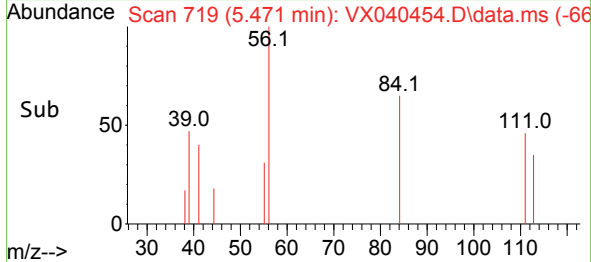
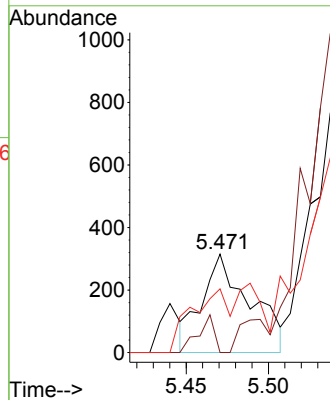
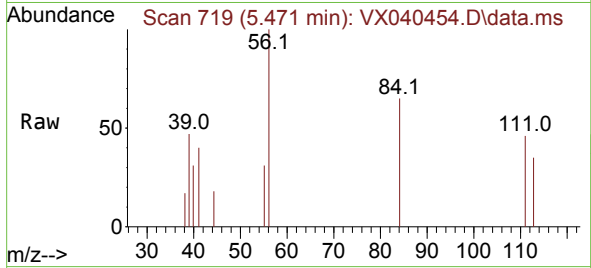




#31
Cyclohexane
Concen: 0.401 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

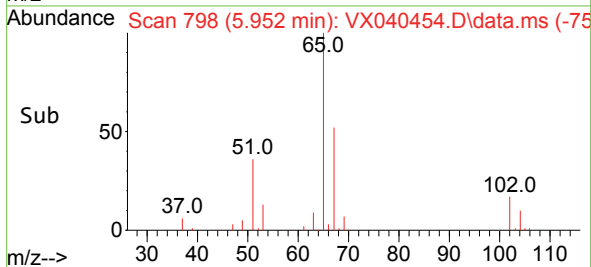
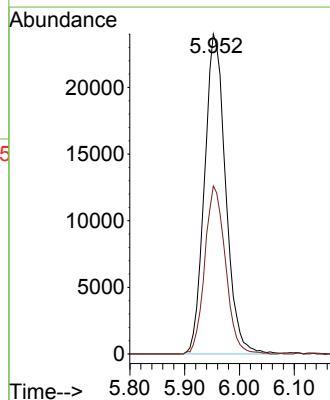
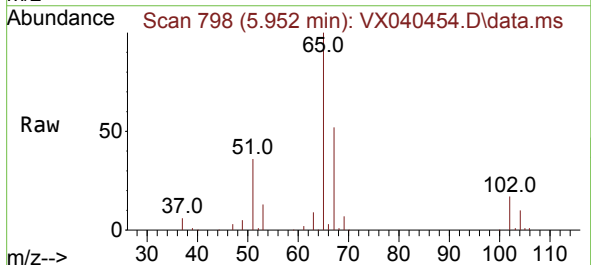
Instrument :
MSVOA_X
ClientSampleId :
IBLK

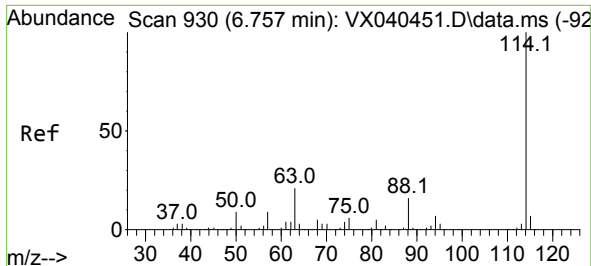
Tgt Ion: 56 Resp: 640
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 38.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.669 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 65 Resp: 64337
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

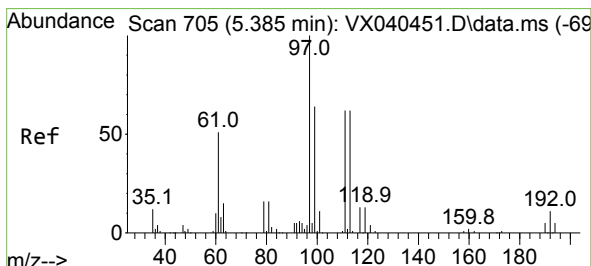
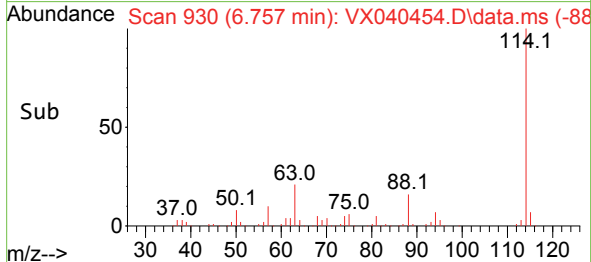
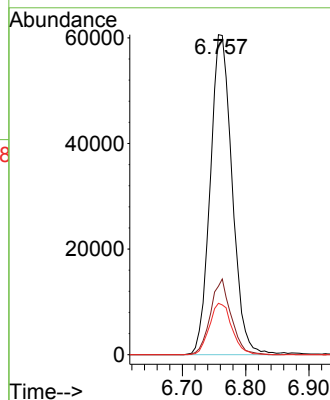
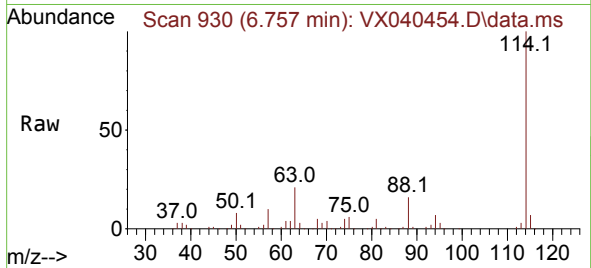




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

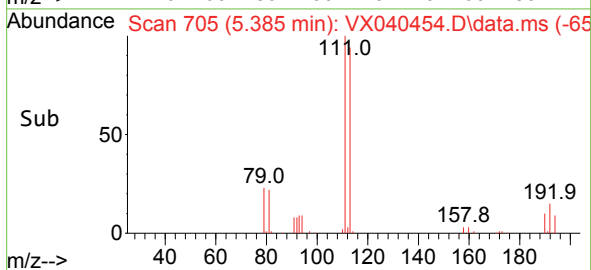
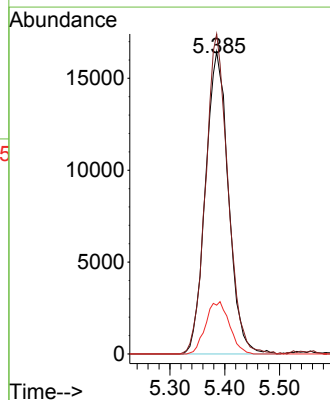
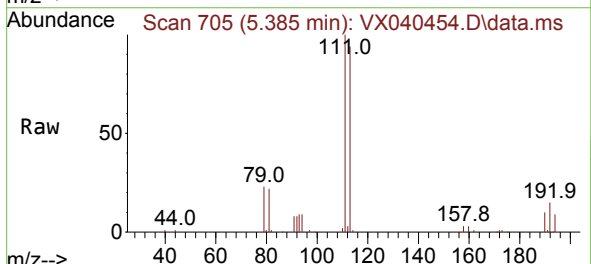
Instrument :
MSVOA_X
ClientSampleId :
IBLK

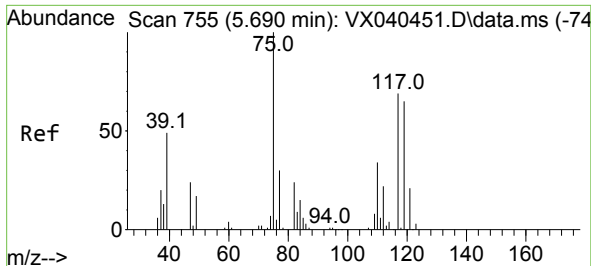
Tgt Ion:114 Resp: 145755
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.223 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion:113 Resp: 47864
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.9 13.3 19.9

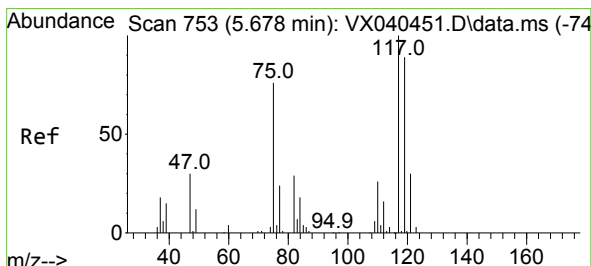
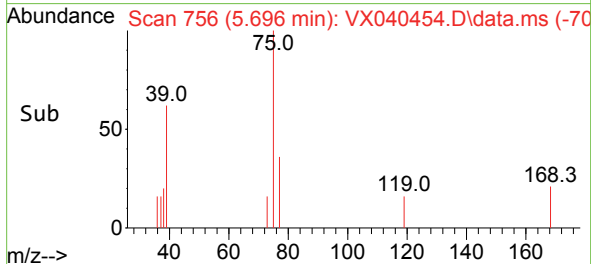
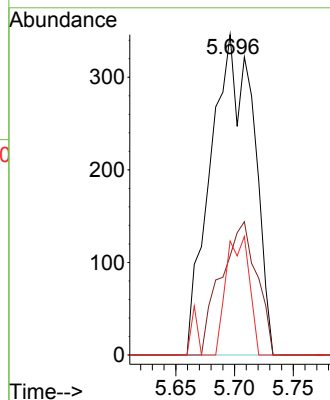
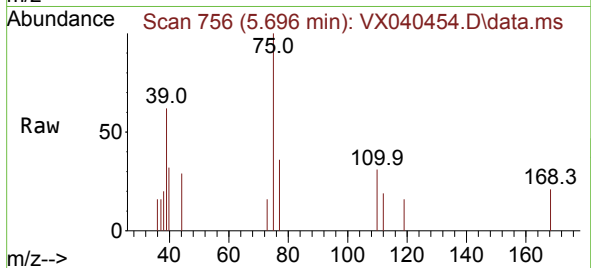




#36
1,1-Dichloropropene
Concen: 0.565 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

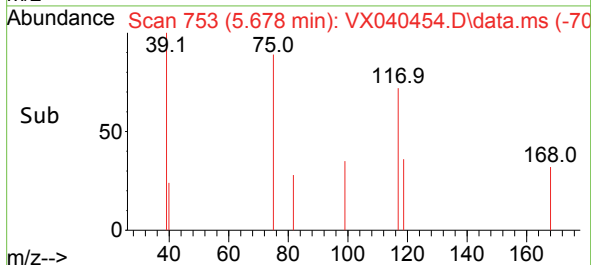
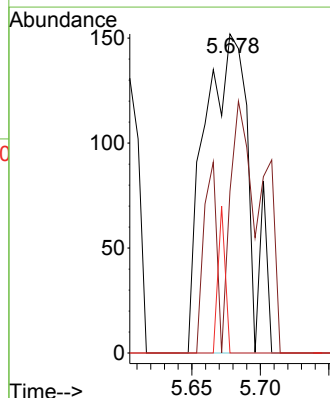
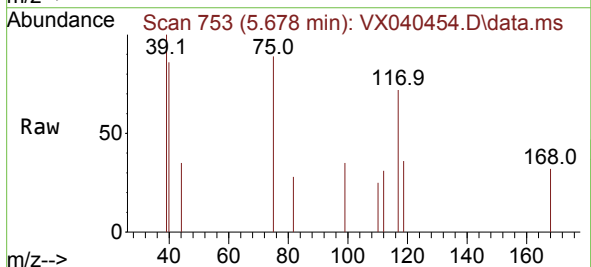
Instrument :
MSVOA_X
ClientSampleId :
IBLK

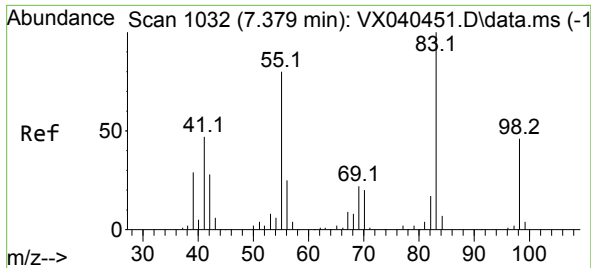
Tgt Ion: 75 Resp: 882
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 20.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.229 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 117 Resp: 346
Ion Ratio Lower Upper
117 100
119 50.7 78.2 117.2#
121 0.0 24.4 36.6#

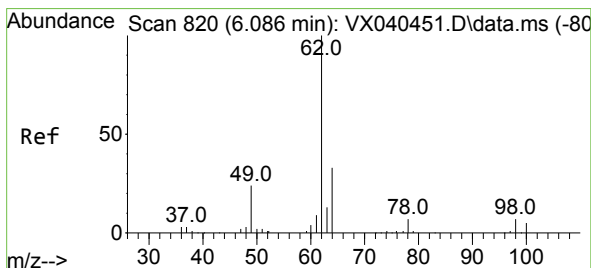
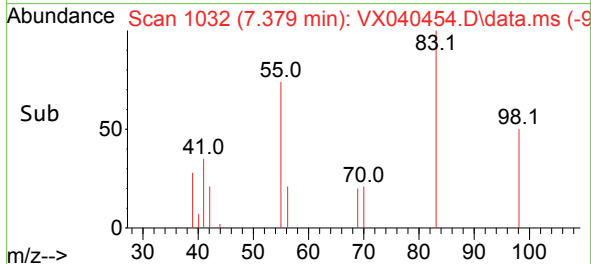
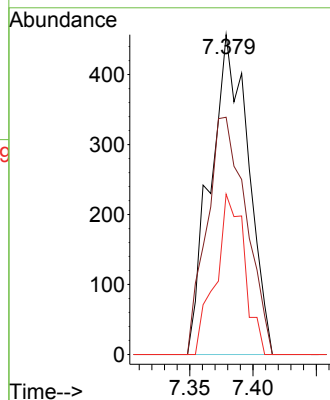
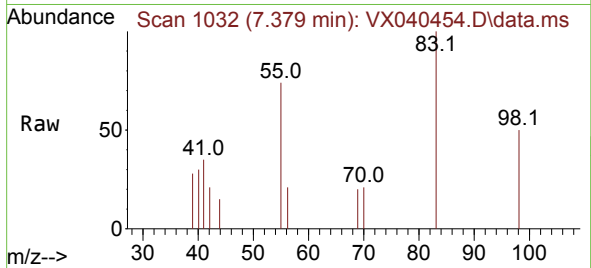




#39
Methylcyclohexane
Concen: 0.563 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

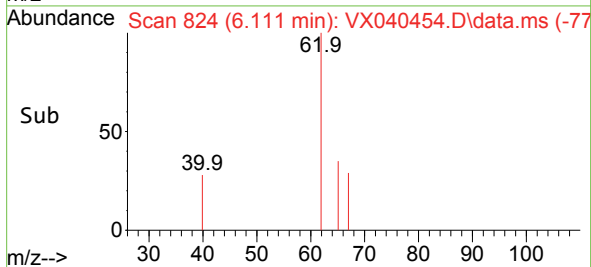
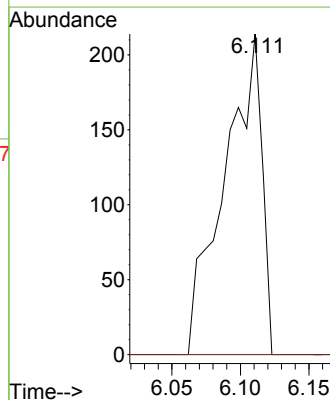
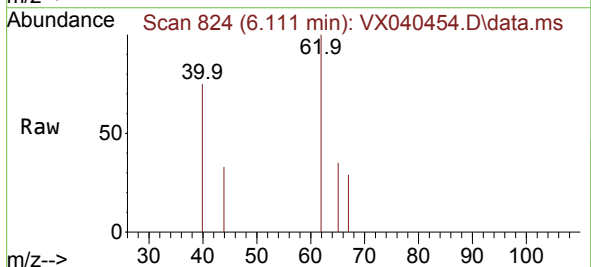
Instrument :
MSVOA_X
ClientSampleId :
IBLK

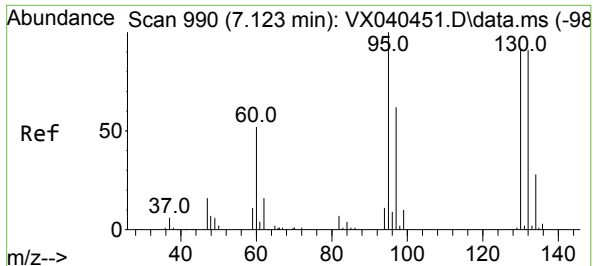
Tgt Ion: 83 Resp: 950
Ion Ratio Lower Upper
83 100
55 74.2 64.6 97.0
98 50.1 36.7 55.1



#42
1,2-Dichloroethane
Concen: 0.232 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.024 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 62 Resp: 406
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

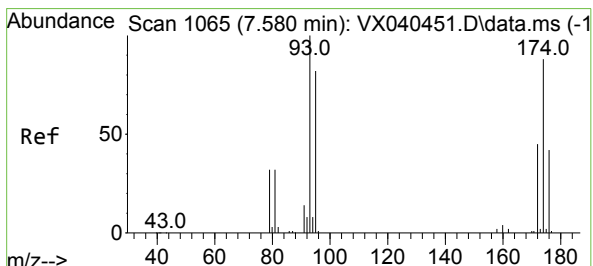
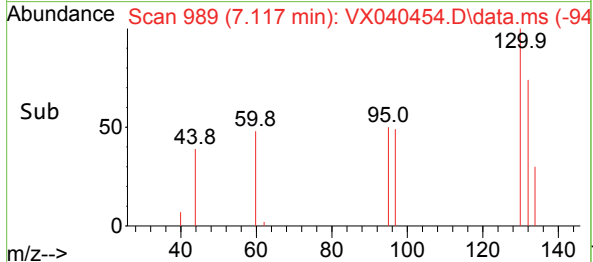
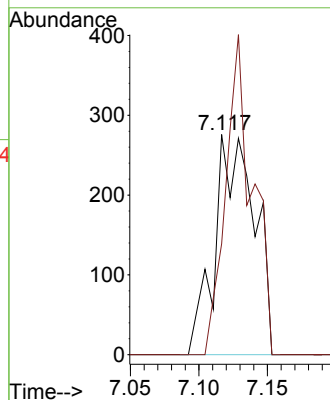
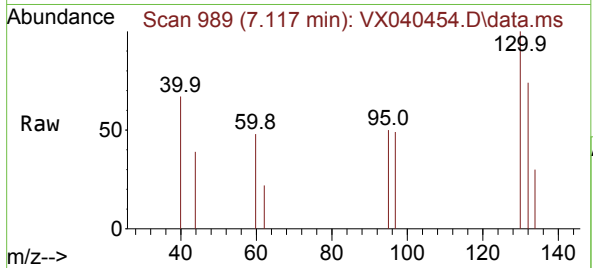




#44
Trichloroethene
Concen: 0.491 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

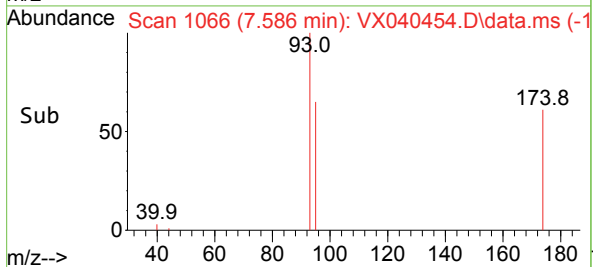
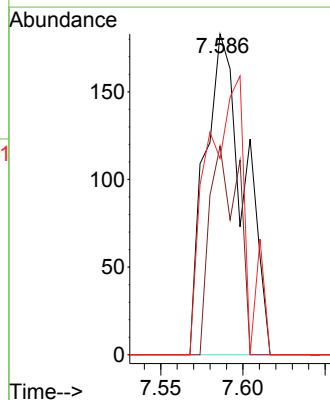
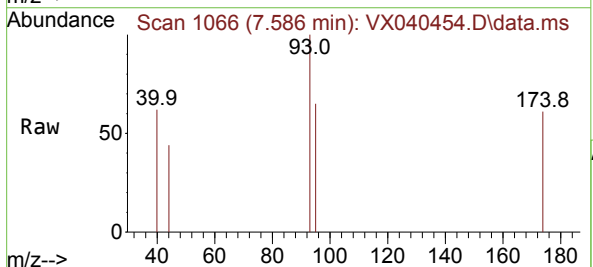
Instrument :
MSVOA_X
ClientSampleId :
IBLK

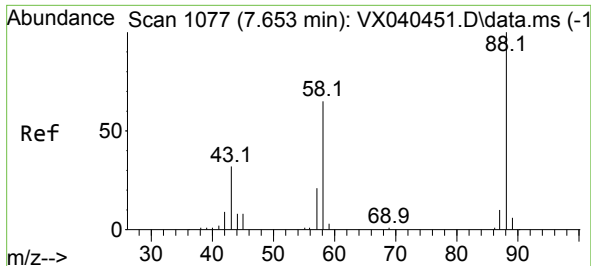
Tgt Ion:130 Resp: 558
Ion Ratio Lower Upper
130 100
95 50.4 0.0 204.4



#46
Dibromomethane
Concen: 0.364 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 93 Resp: 303
Ion Ratio Lower Upper
93 100
95 48.2 66.6 100.0#
174 85.5 69.4 104.0

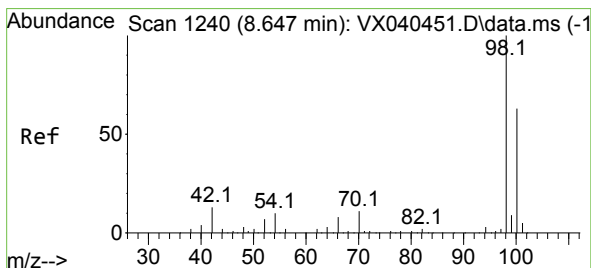
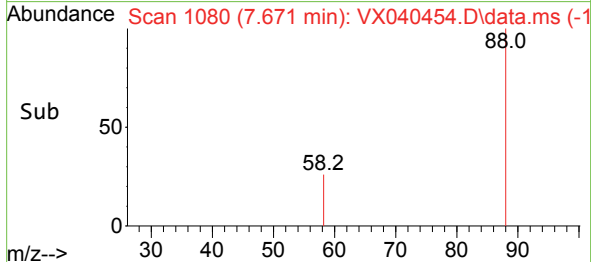
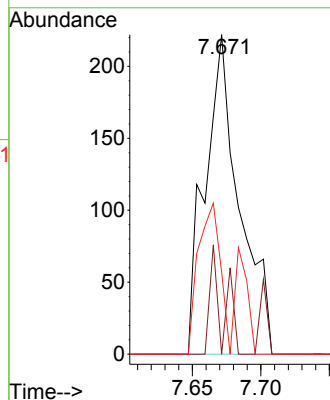
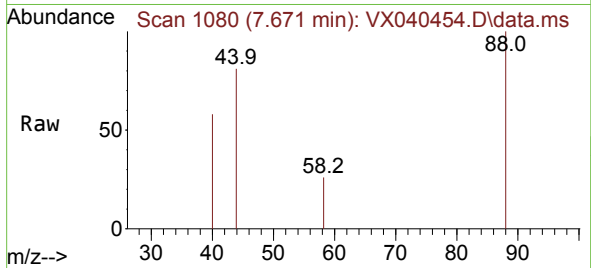




#49
1,4-Dioxane
Concen: 15.303 ug/l
RT: 7.671 min Scan# 1077
Delta R.T. 0.018 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

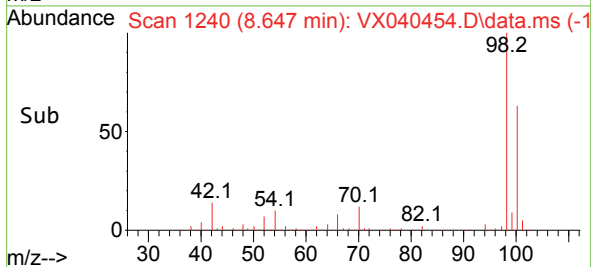
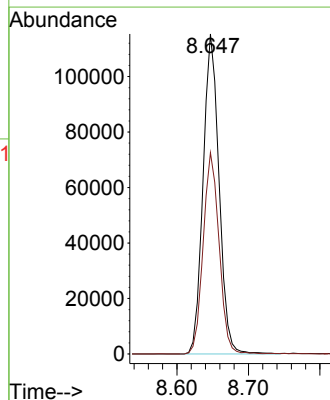
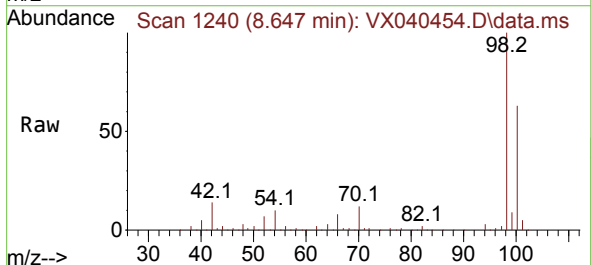
Instrument :
MSVOA_X
ClientSampleId :
IBLK

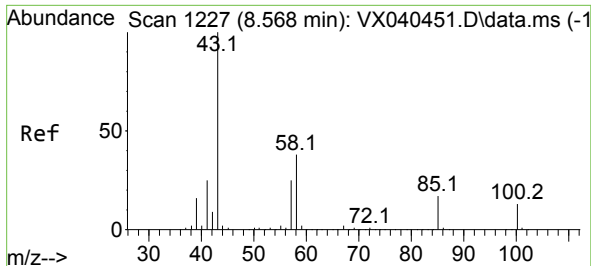
Tgt Ion: 88 Resp: 388
Ion Ratio Lower Upper
88 100
43 12.9 0.0 0.0#
58 30.2 60.1 90.1#



#50
Toluene-d8
Concen: 48.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 98 Resp: 178614
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7

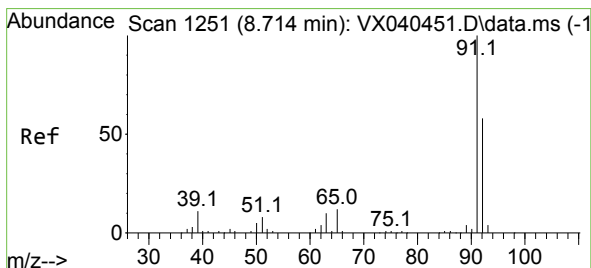
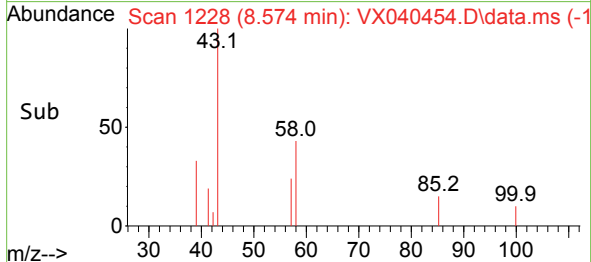
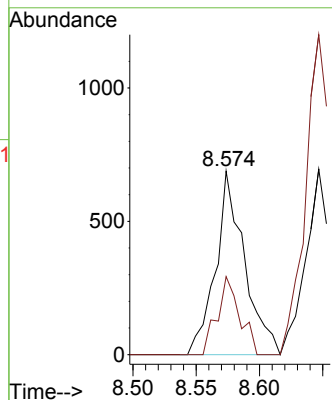
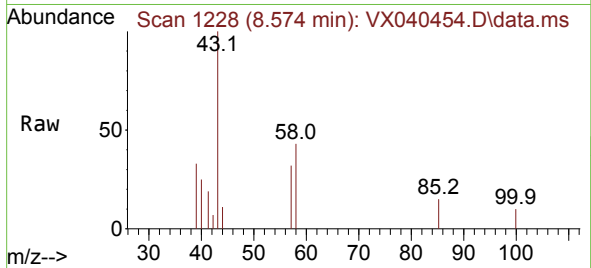




#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

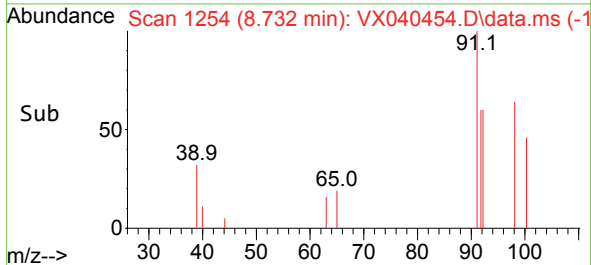
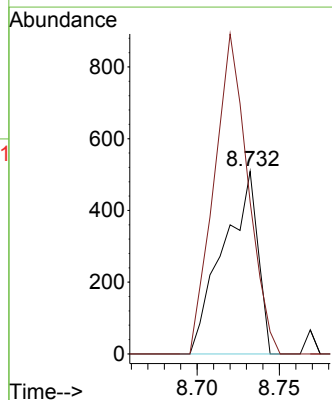
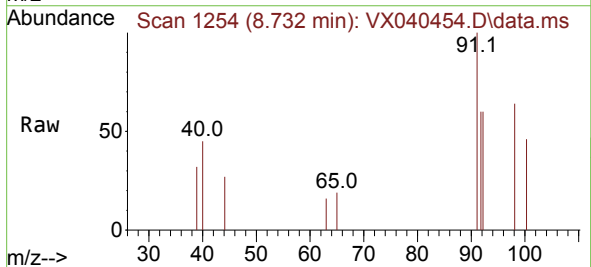
Instrument :
MSVOA_X
ClientSampleId :
IBLK

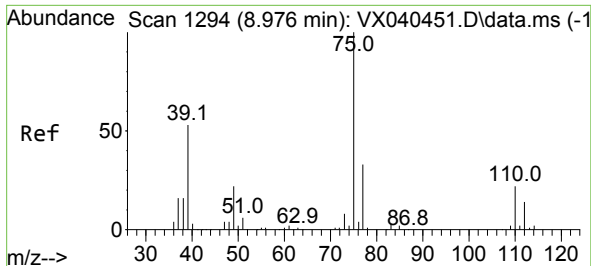
Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 33.2 30.4 45.6



#52
Toluene
Concen: 0.287 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.018 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 92 Resp: 744
Ion Ratio Lower Upper
92 100
91 171.6 134.2 201.2

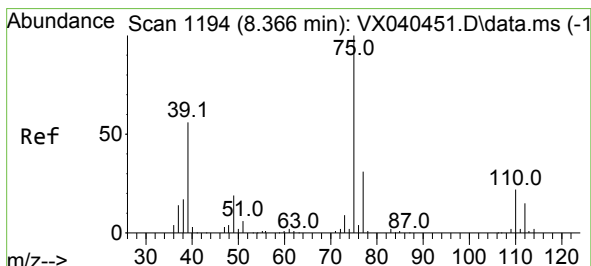
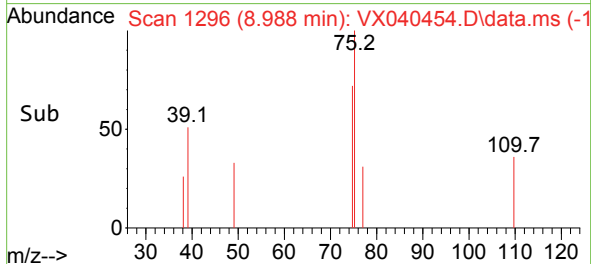
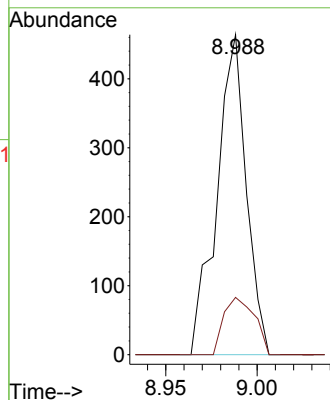
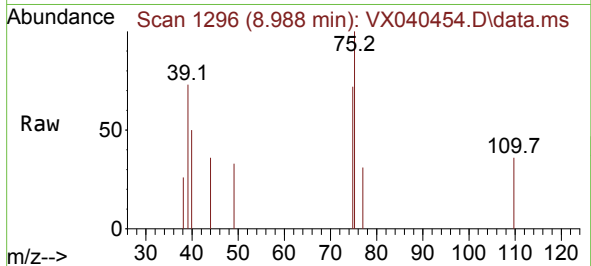




#53
 t-1,3-Dichloropropene
 Concen: 0.313 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

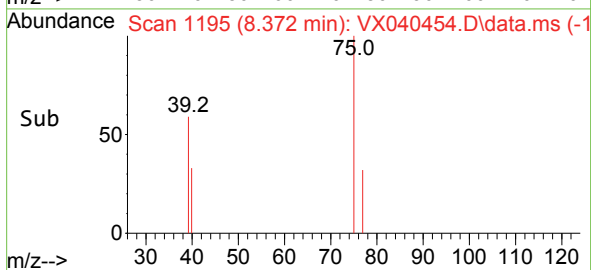
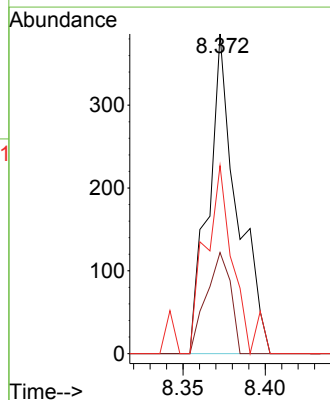
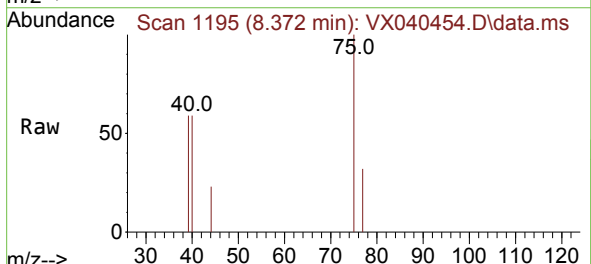
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

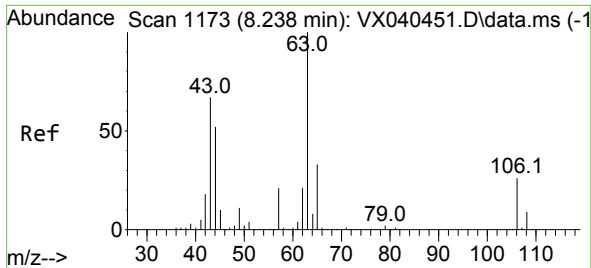
Tgt Ion: 75 Resp: 520
 Ion Ratio Lower Upper
 75 100
 77 17.9 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.259 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

Tgt Ion: 75 Resp: 463
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 58.8 46.7 70.1

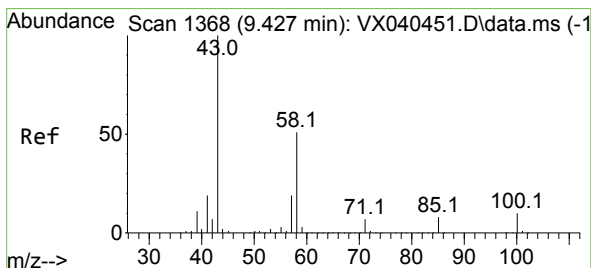
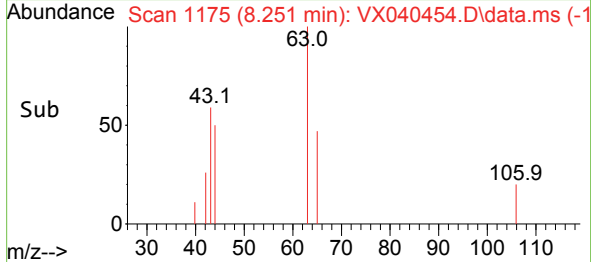
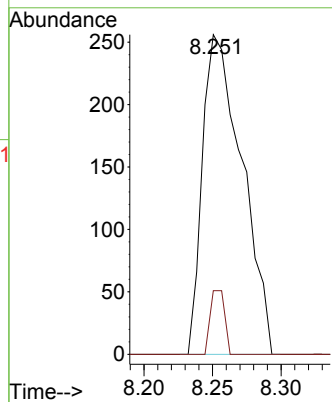
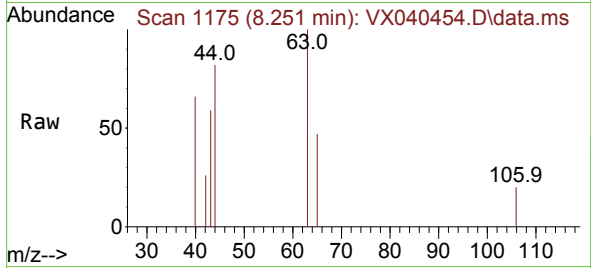




#58
2-Chloroethyl Vinyl ether
Concen: 0.588 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

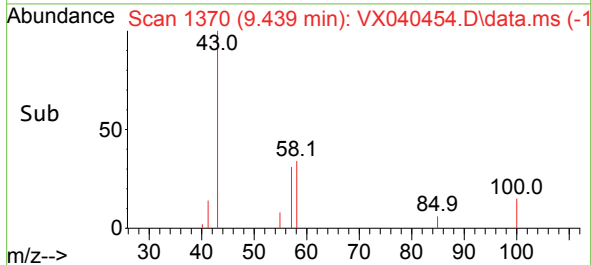
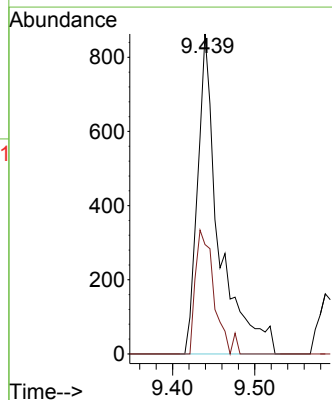
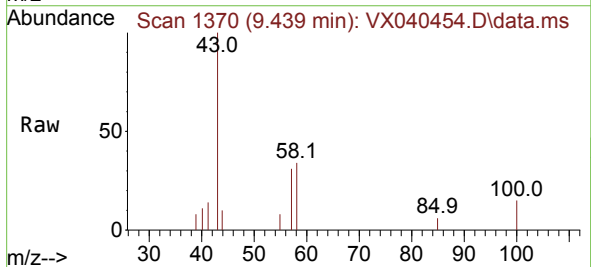
Instrument :
MSVOA_X
ClientSampleId :
IBLK

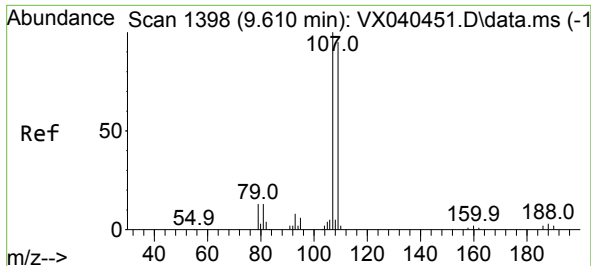
Tgt Ion: 63 Resp: 513
Ion Ratio Lower Upper
63 100
106 7.2 22.5 33.7#



#59
2-Hexanone
Concen: 1.147 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 33.6 26.2 78.5

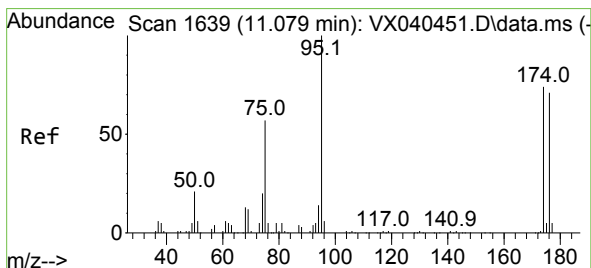
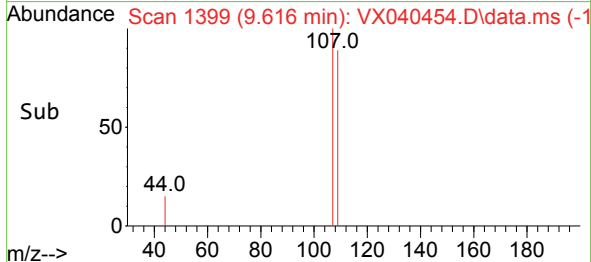
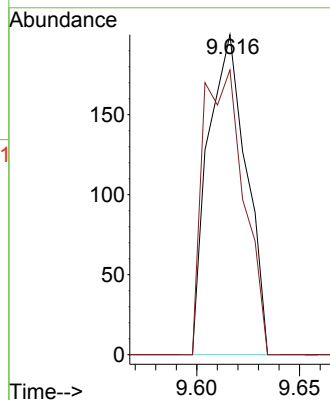
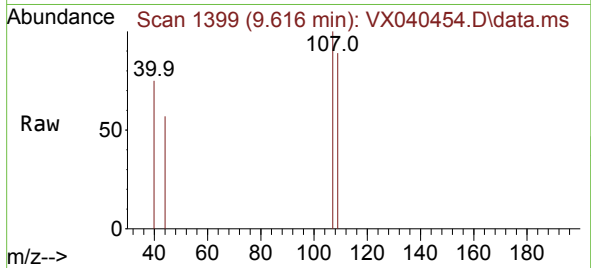




#61
1,2-Dibromoethane
Concen: 0.220 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

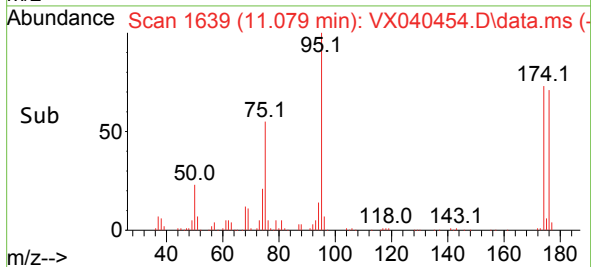
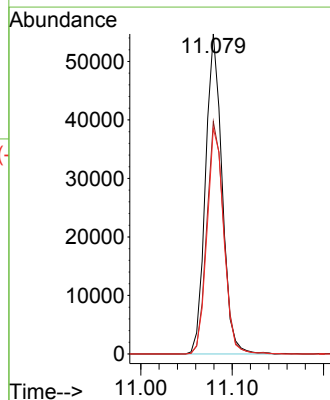
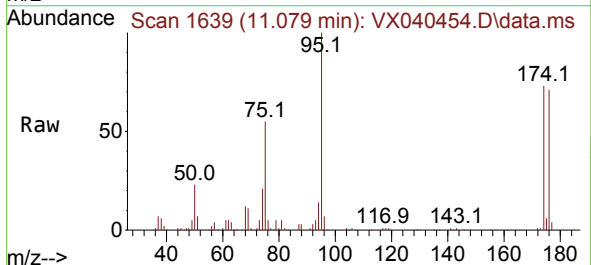
Instrument :
MSVOA_X
ClientSampleId :
IBLK

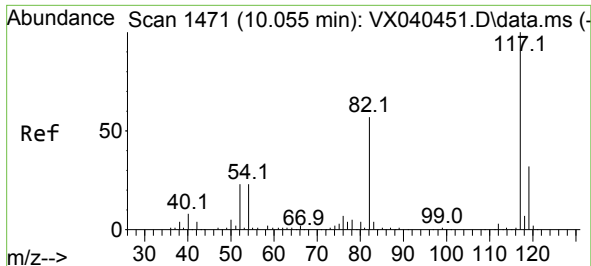
Tgt Ion:107 Resp: 259
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.989 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 95 Resp: 68705
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.3 0.0 131.0

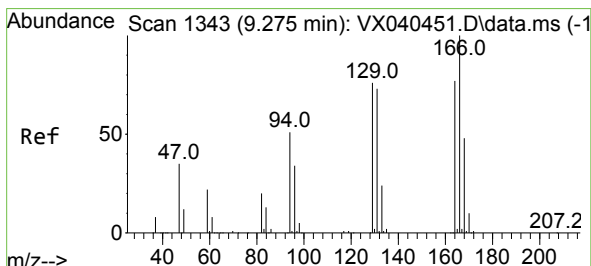
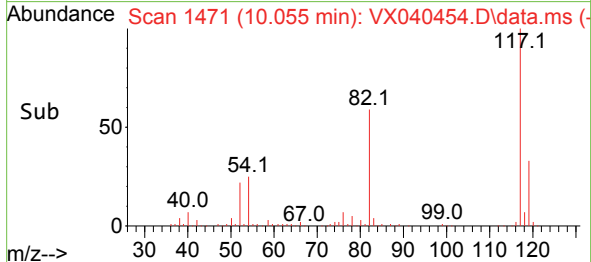
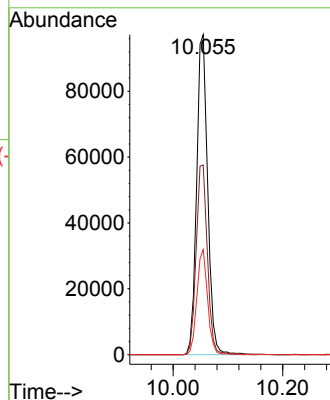
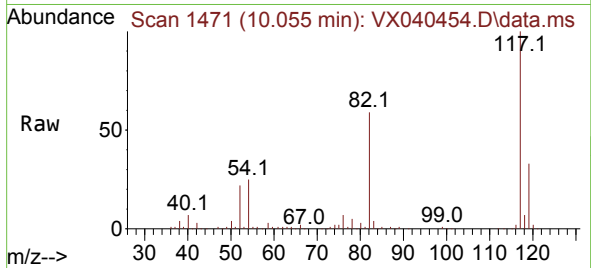




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

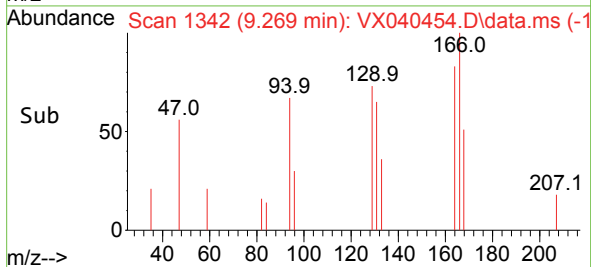
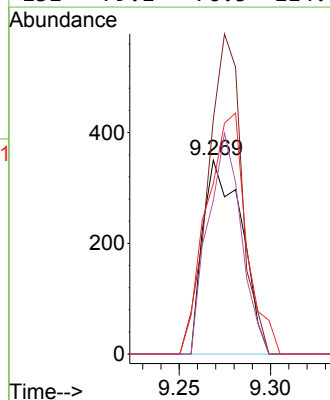
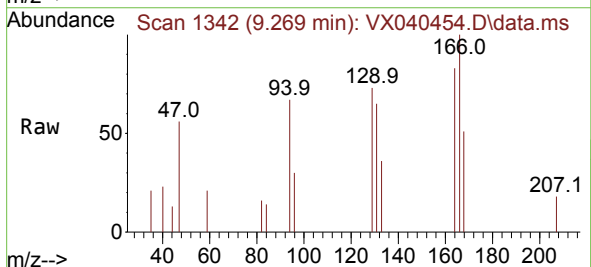
Instrument :
MSVOA_X
ClientSampleId :
IBLK

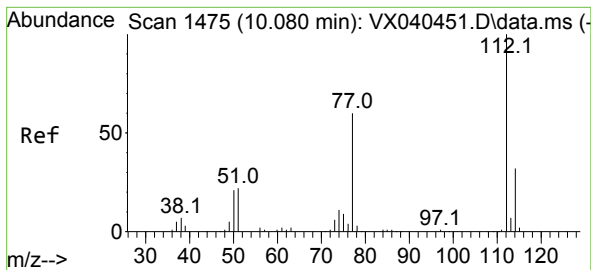
Tgt Ion:117 Resp: 136921
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.534 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion:164 Resp: 513
Ion Ratio Lower Upper
164 100
166 121.1 102.7 154.1
129 88.0 80.4 120.6
131 79.1 76.5 114.7





#65

Chlorobenzene

Concen: 0.362 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

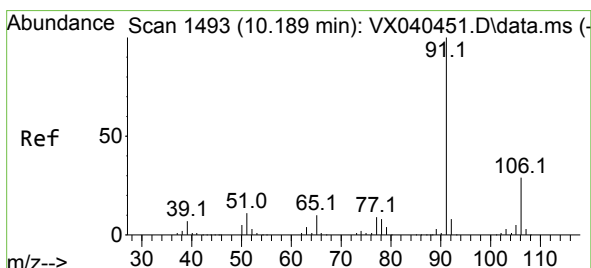
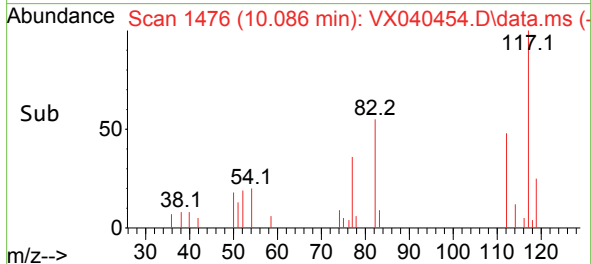
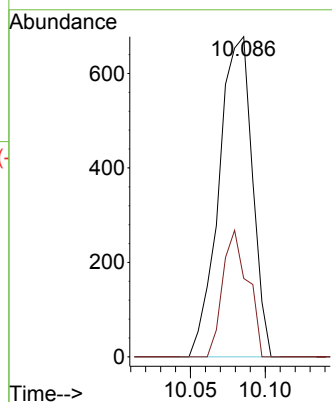
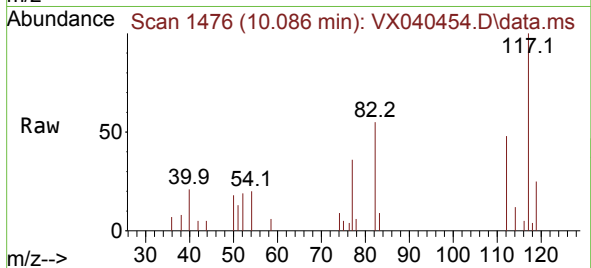
IBLK

Tgt Ion:112 Resp: 1053

Ion Ratio Lower Upper

112 100

114 24.5 25.7 38.5#



#67

Ethyl Benzene

Concen: 0.325 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX040454.D

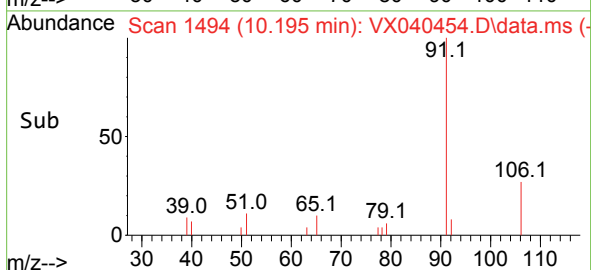
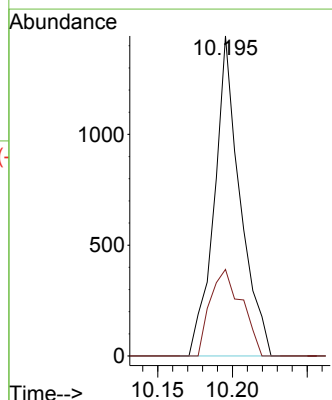
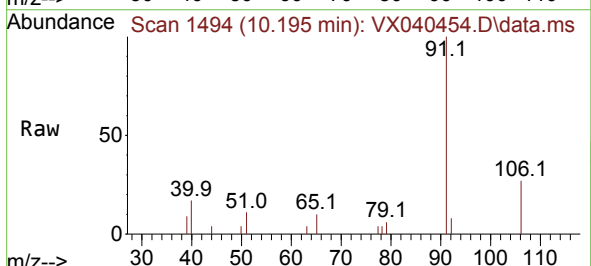
Acq: 26 Feb 2024 12:01

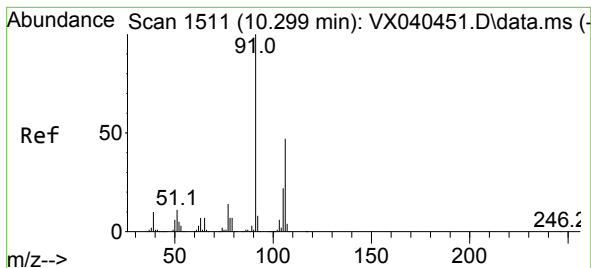
Tgt Ion: 91 Resp: 1733

Ion Ratio Lower Upper

91 100

106 27.1 24.9 37.3

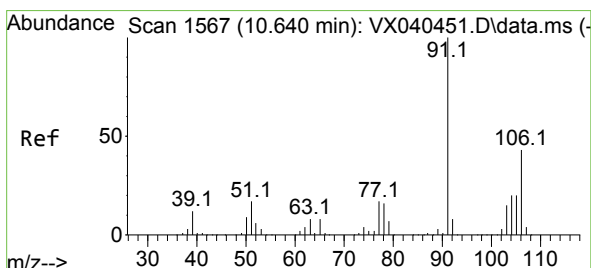
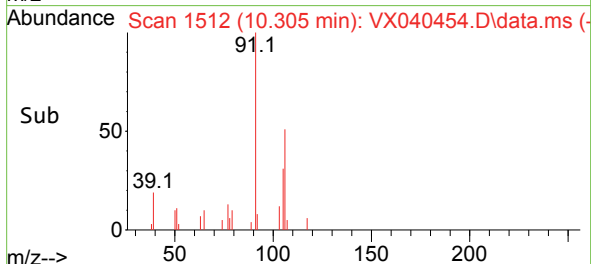
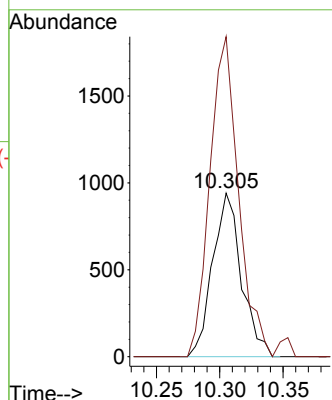
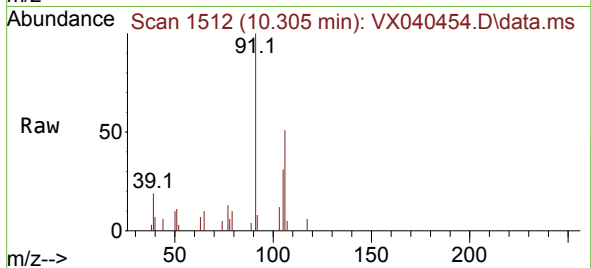




#68
m/p-Xylenes
Concen: 0.747 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

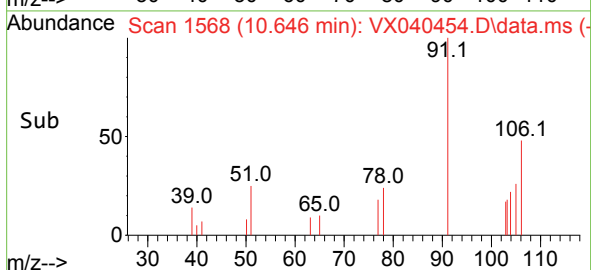
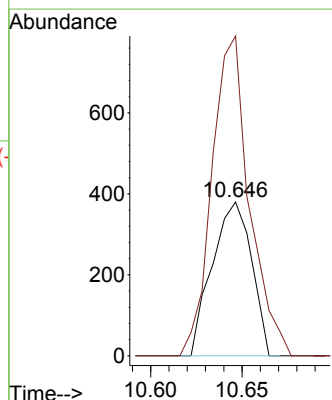
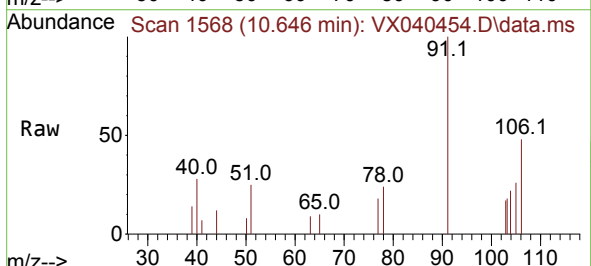
Instrument :
MSVOA_X
ClientSampleId :
IBLK

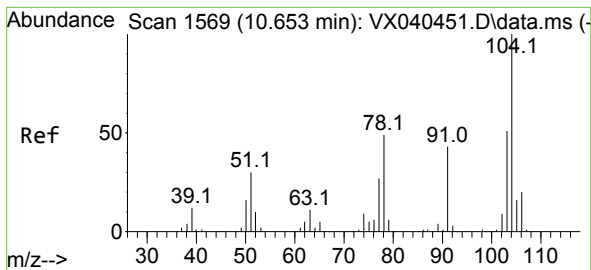
Tgt Ion:106 Resp: 1488
Ion Ratio Lower Upper
106 100
91 194.9 165.5 248.3



#69
o-Xylene
Concen: 0.299 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion:106 Resp: 570
Ion Ratio Lower Upper
106 100
91 197.4 108.9 326.8





#70

Styrene

Concen: 0.275 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

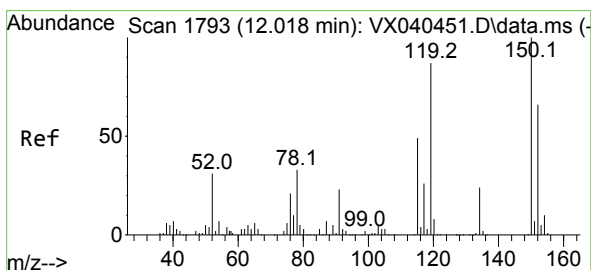
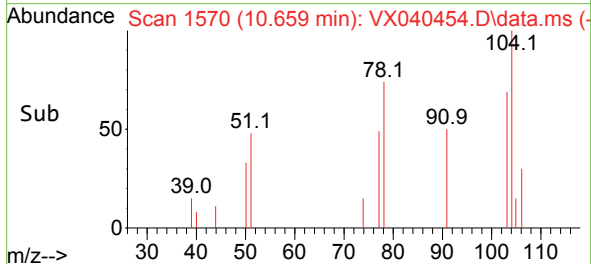
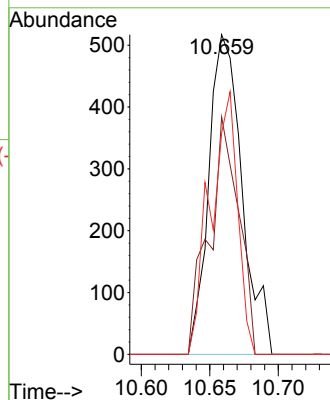
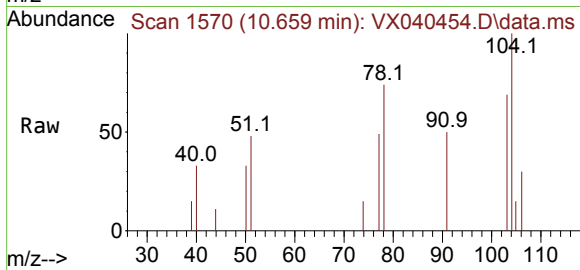
Tgt Ion:104 Resp: 873

Ion Ratio Lower Upper

104 100

78 66.8 43.6 65.4#

103 67.5 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

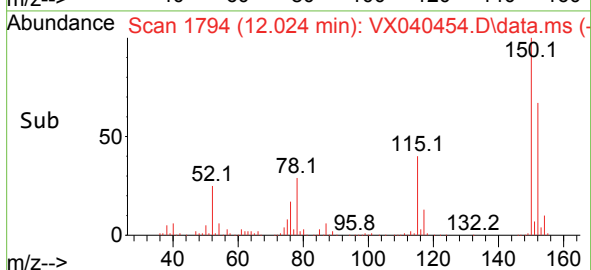
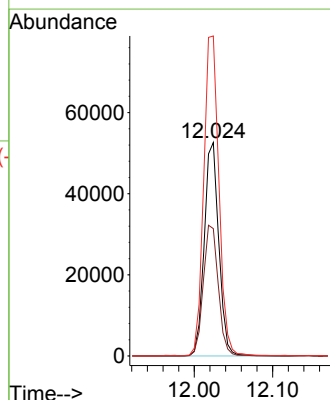
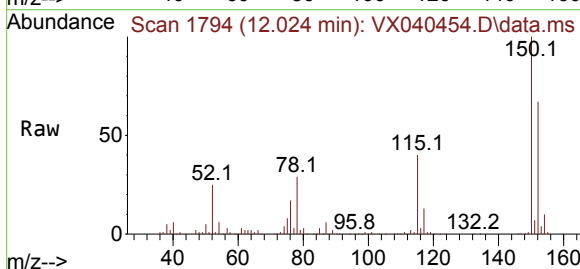
Tgt Ion:152 Resp: 67691

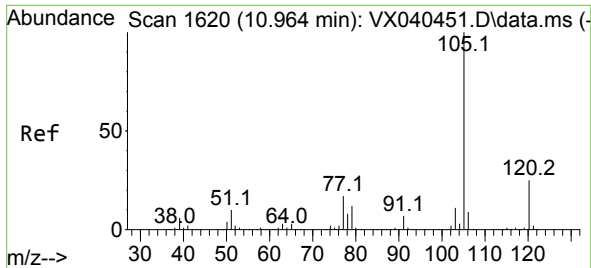
Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 156.9 0.0 345.0

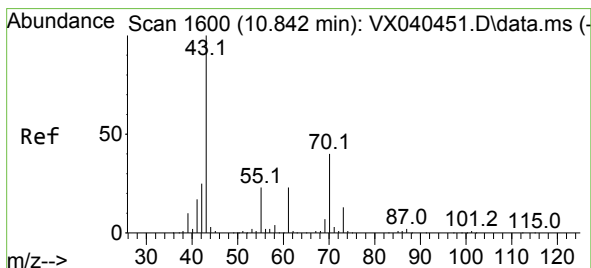
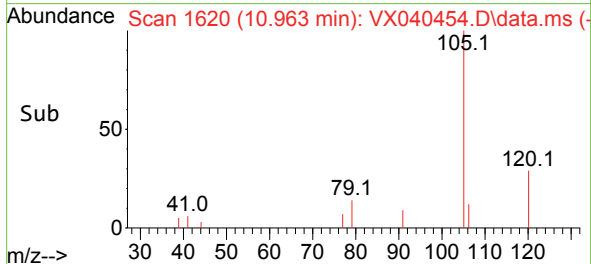
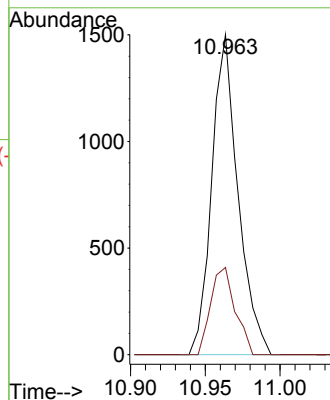
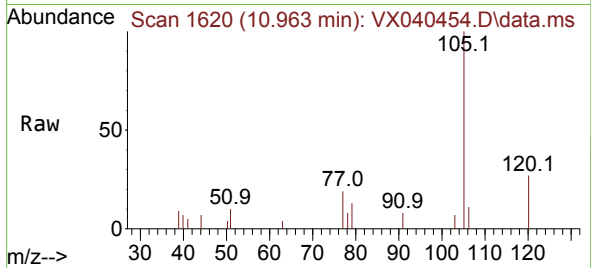




#73
Isopropylbenzene
Concen: 0.367 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

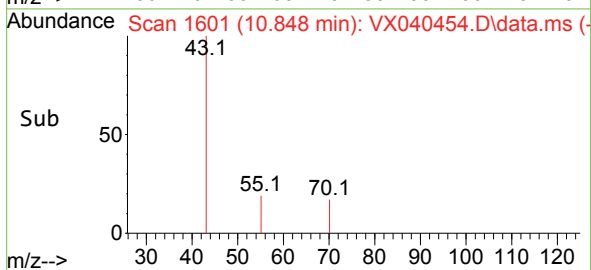
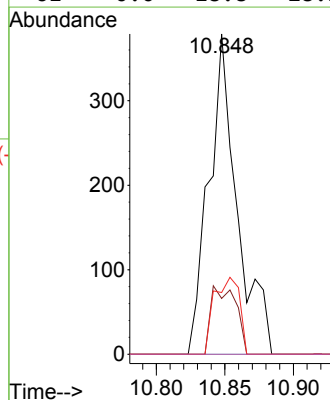
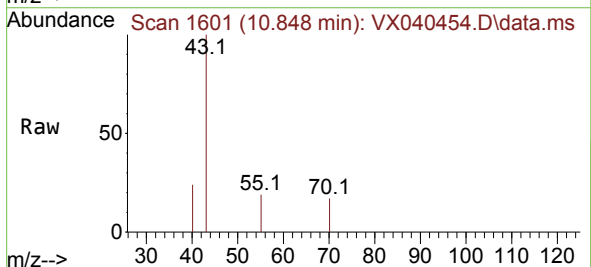
Instrument :
MSVOA_X
ClientSampleId :
IBLK

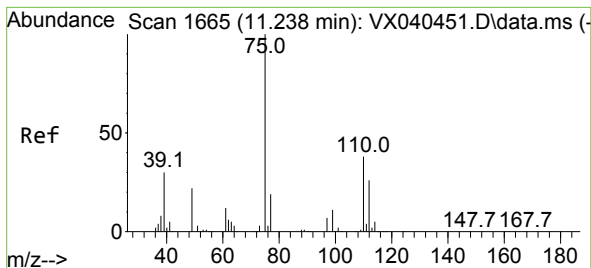
Tgt Ion:105 Resp: 1828
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6



#74
N-ethyl acetate
Concen: 0.234 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
70 18.8 32.9 49.3#
55 21.4 19.3 28.9
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 26.079 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

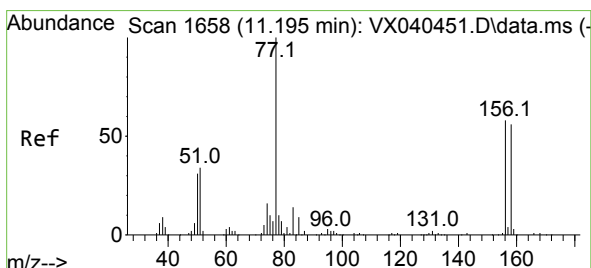
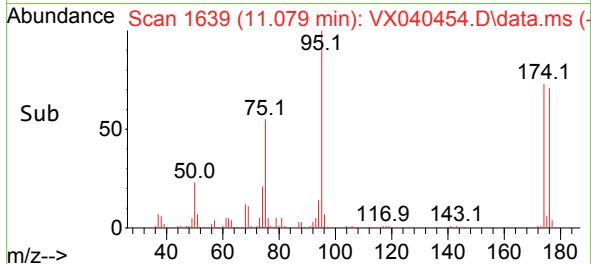
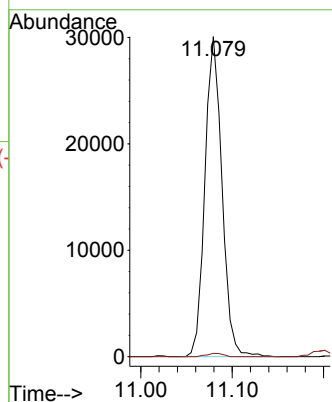
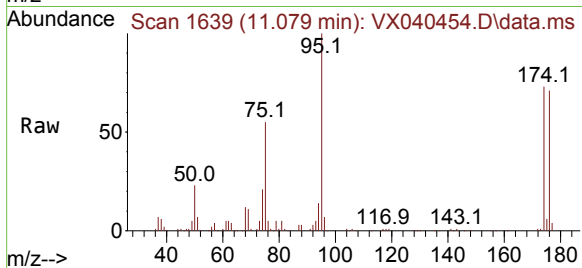
IBLK

Tgt Ion: 75 Resp: 38852

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#77

Bromobenzene

Concen: 0.435 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

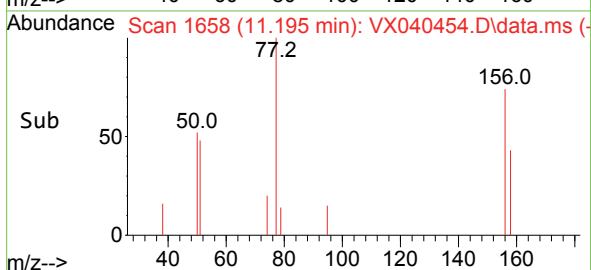
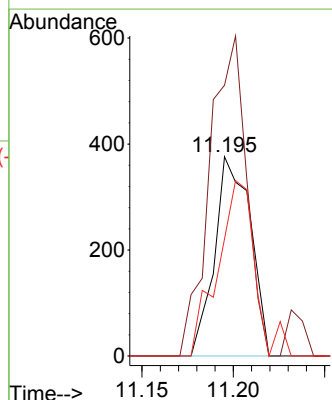
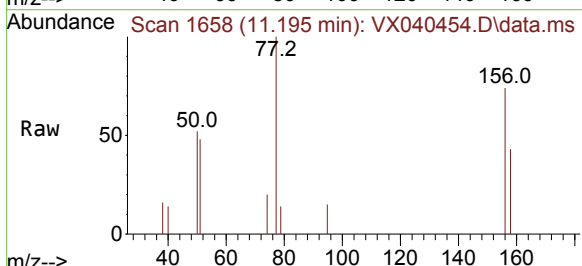
Tgt Ion: 156 Resp: 513

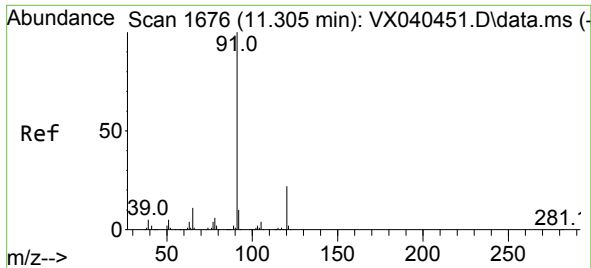
Ion Ratio Lower Upper

156 100

77 164.3 88.4 265.3

158 91.4 48.0 144.0

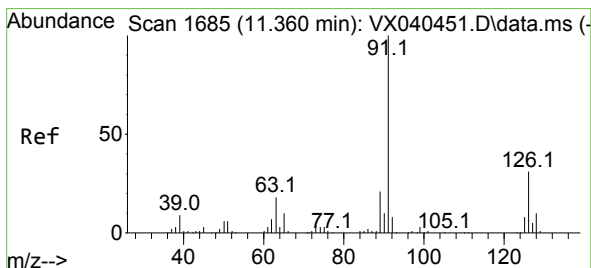
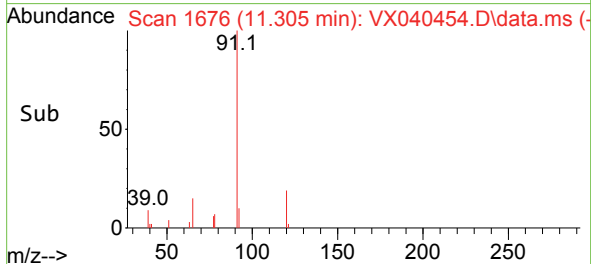
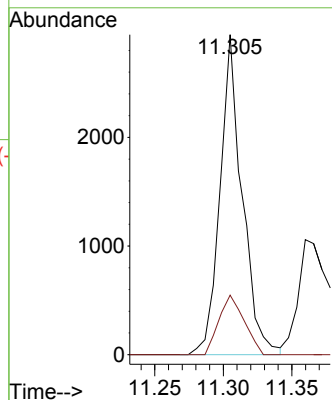
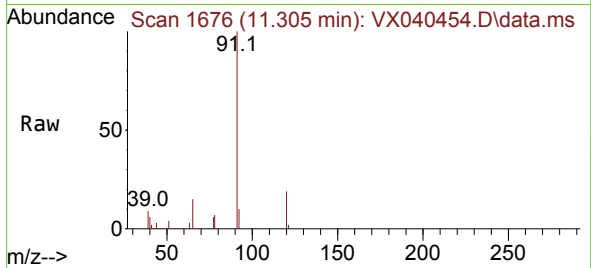




#78
n-propylbenzene
Concen: 0.535 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

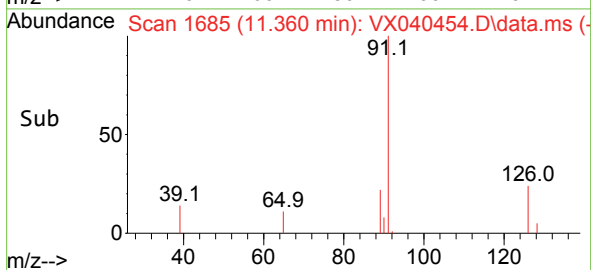
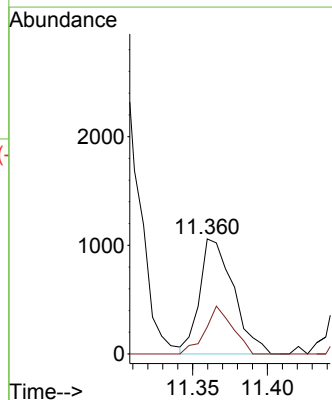
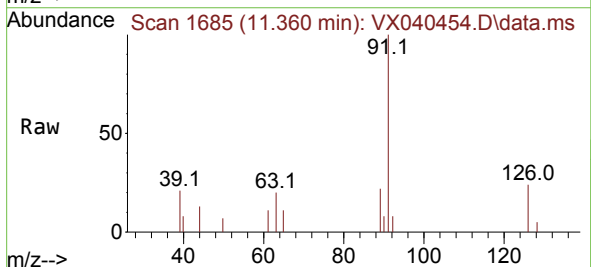
Instrument :
MSVOA_X
ClientSampleId :
IBLK

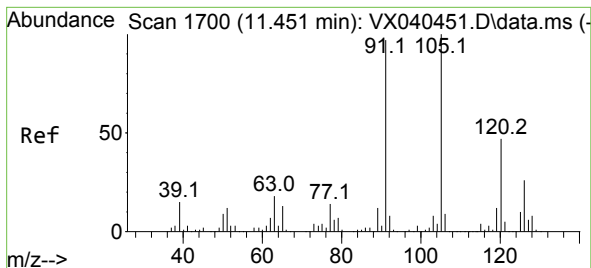
Tgt Ion: 91 Resp: 3307
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.447 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 91 Resp: 1664
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.444 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

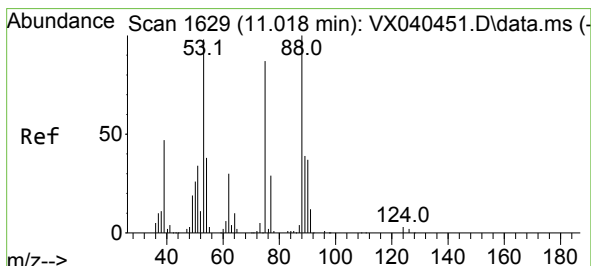
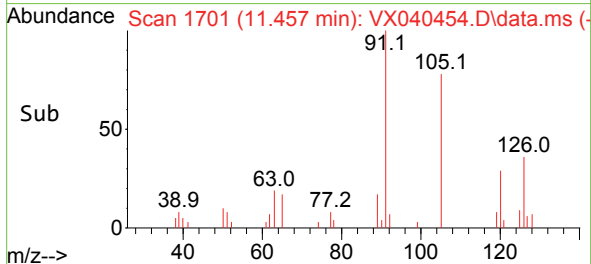
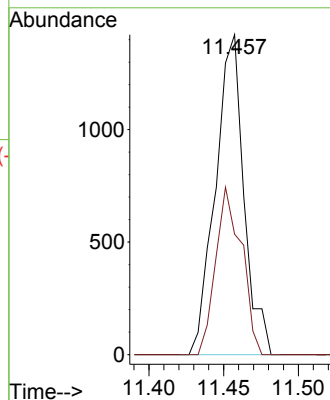
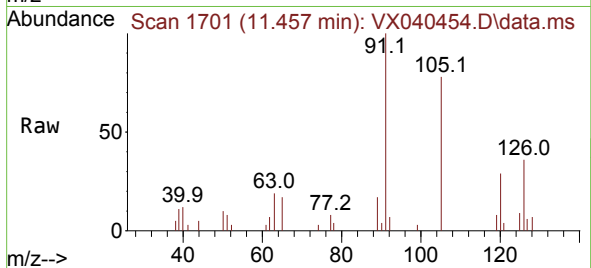
IBLK

Tgt Ion:105 Resp: 1883

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 75.894 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

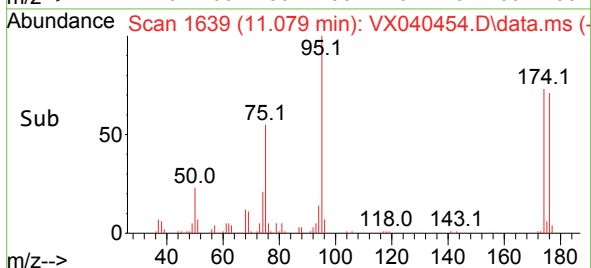
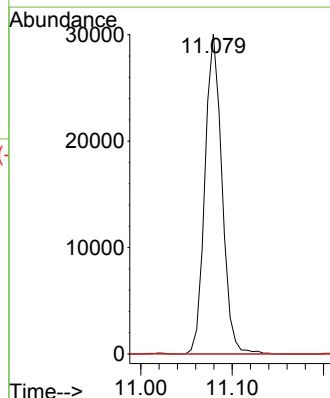
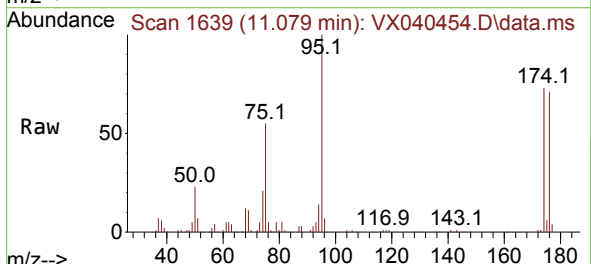
Tgt Ion: 75 Resp: 38852

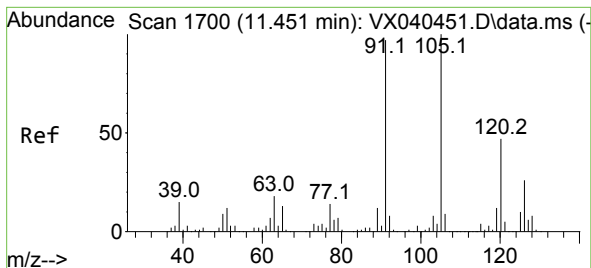
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.571 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

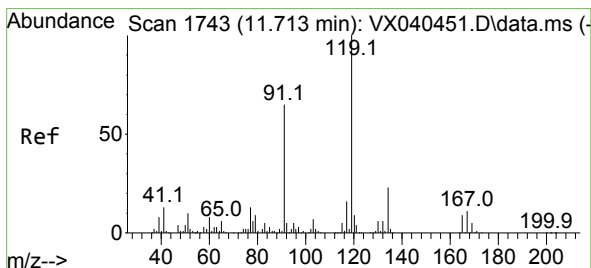
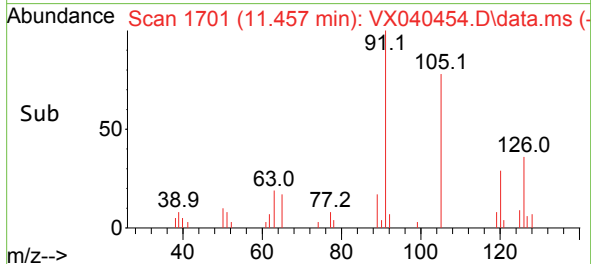
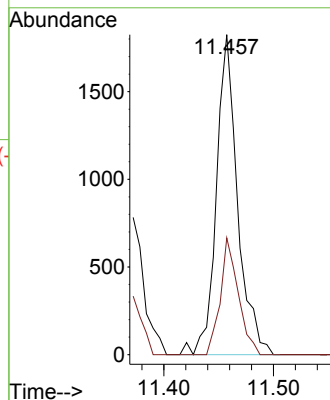
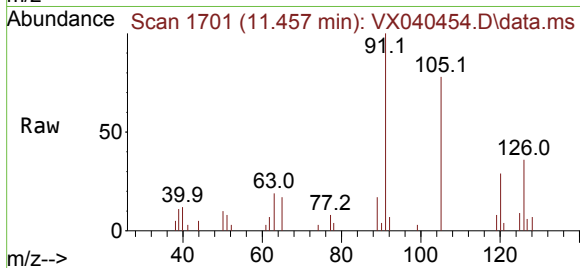
IBLK

Tgt Ion: 91 Resp: 2456

Ion Ratio Lower Upper

91 100

126 30.9 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.401 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

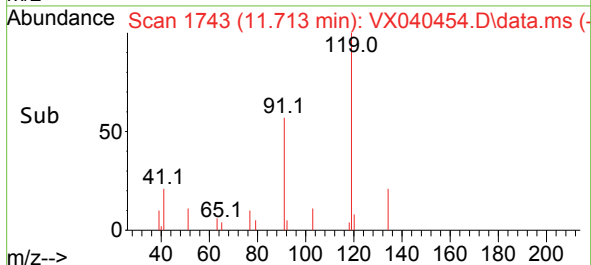
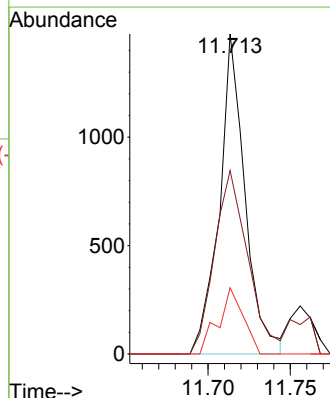
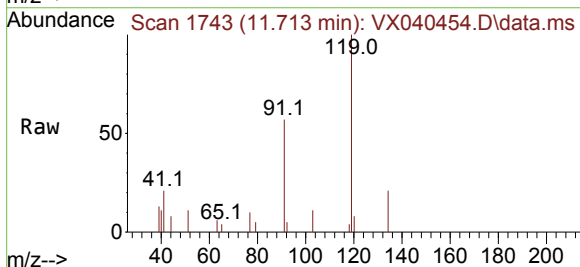
Tgt Ion: 119 Resp: 1604

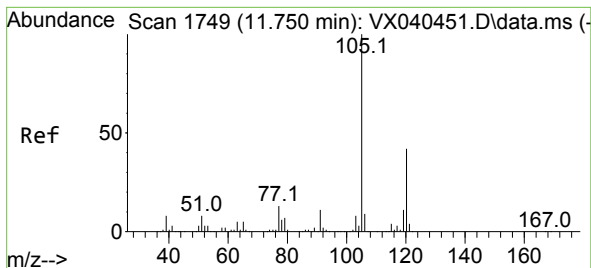
Ion Ratio Lower Upper

119 100

91 74.4 31.2 93.6

134 20.1 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.462 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

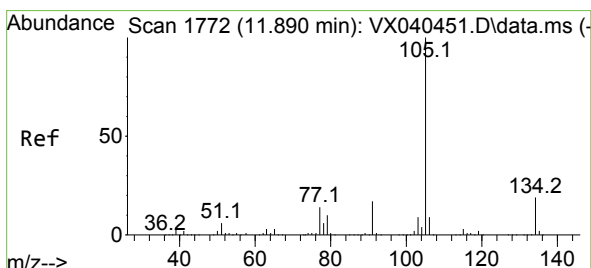
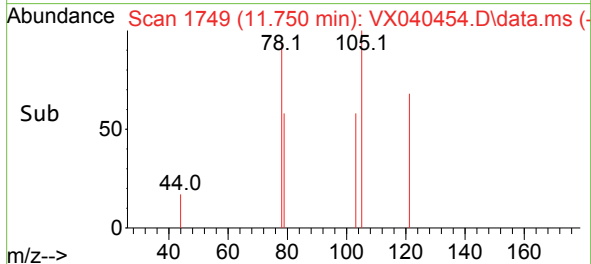
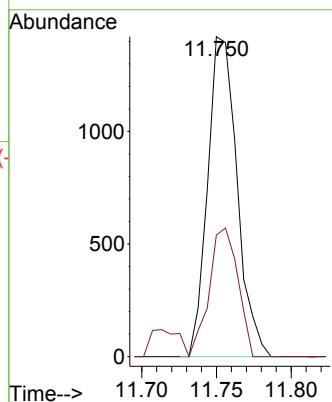
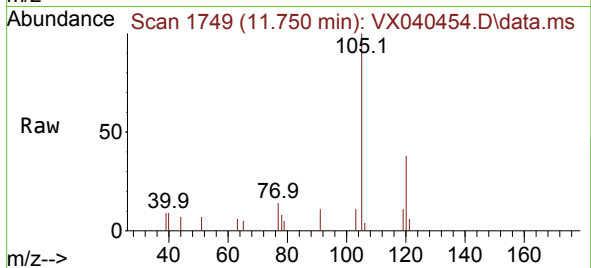
IBLK

Tgt Ion:105 Resp: 1944

Ion Ratio Lower Upper

105 100

120 39.1 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.533 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040454.D

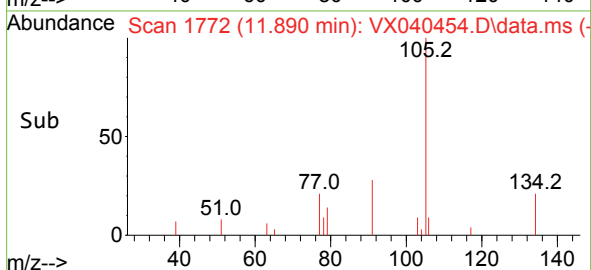
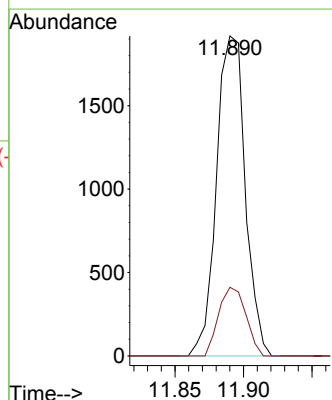
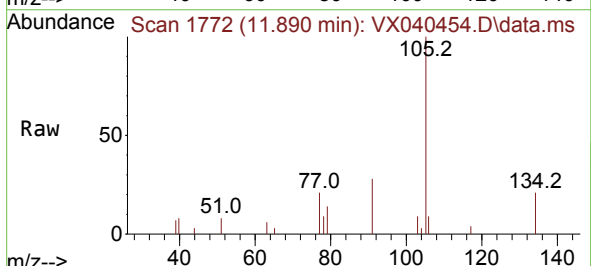
Acq: 26 Feb 2024 12:01

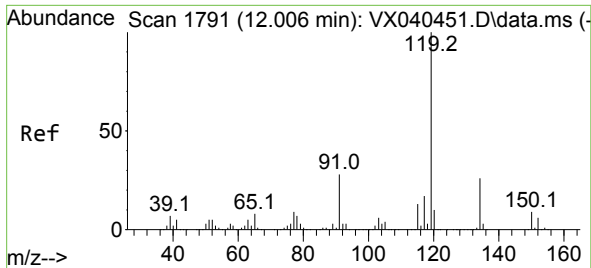
Tgt Ion:105 Resp: 2797

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.4

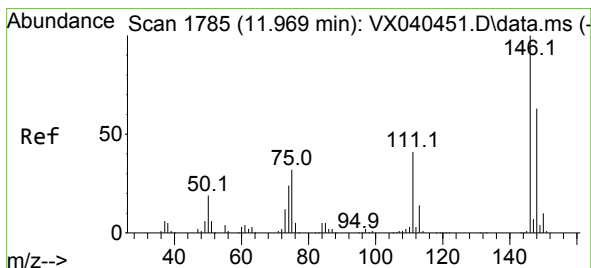
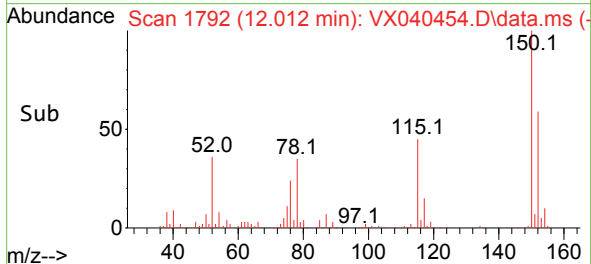
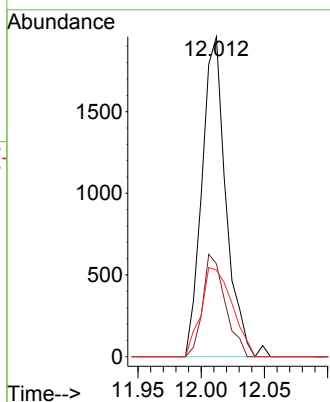
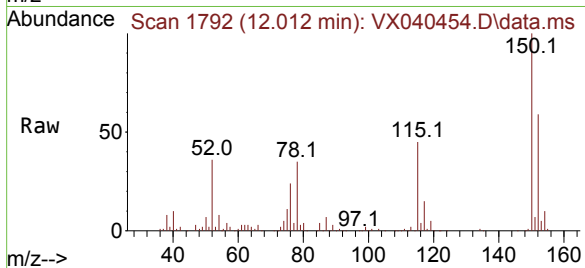




#86
p-Isopropyltoluene
Concen: 0.598 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

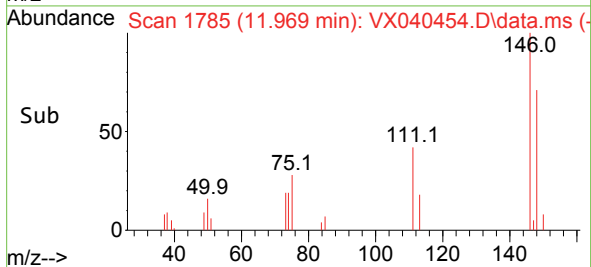
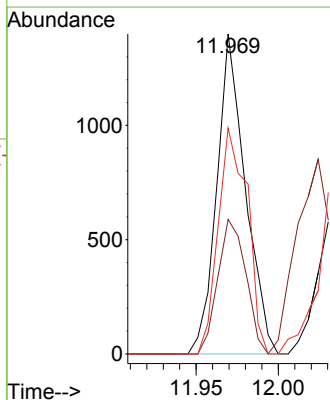
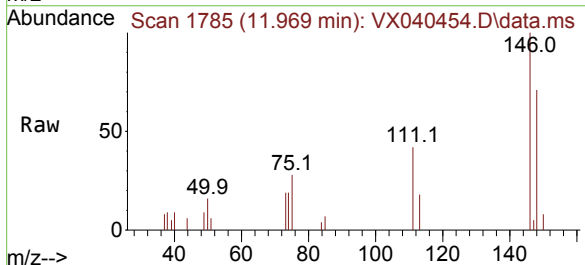
Instrument :
MSVOA_X
ClientSampleId :
IBLK

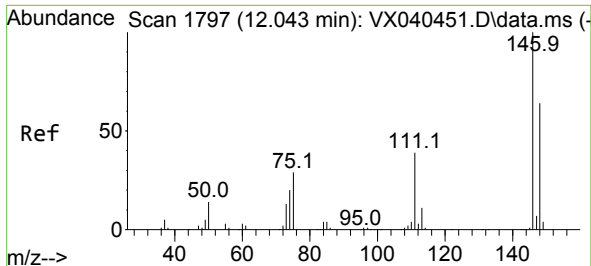
Tgt Ion:119 Resp: 2589
Ion Ratio Lower Upper
119 100
134 30.0 12.8 38.3
91 36.0 13.1 39.3



#87
1,3-Dichlorobenzene
Concen: 0.720 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

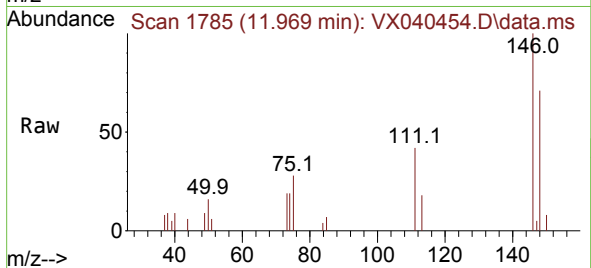
Tgt Ion:146 Resp: 1691
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.1
148 72.4 31.8 95.3



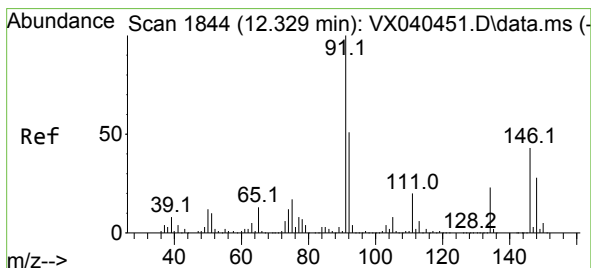
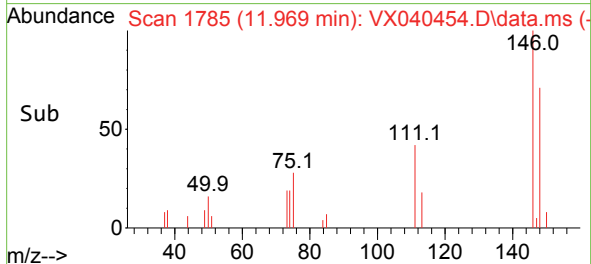
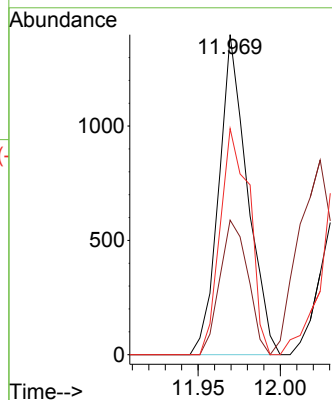


#88
1,4-Dichlorobenzene
Concen: 0.707 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Instrument :
MSVOA_X
ClientSampleId :
IBLK

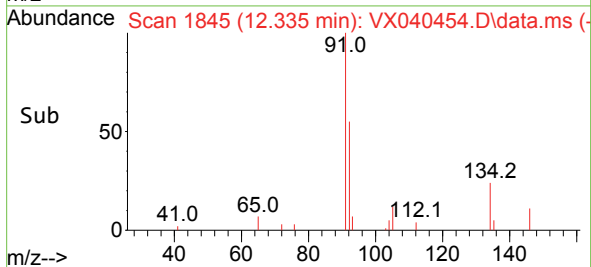
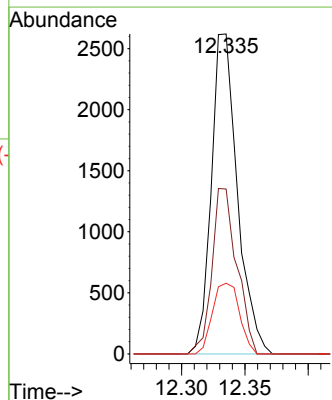
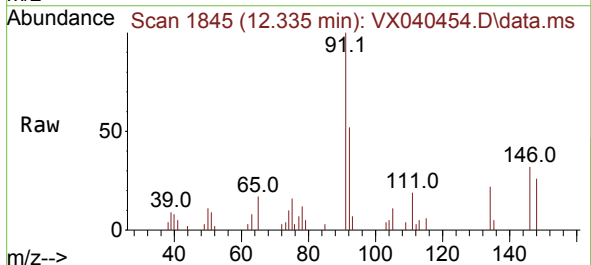


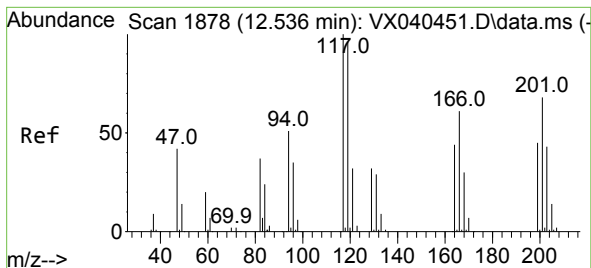
Tgt Ion:146 Resp: 1691
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.7
148 72.4 31.8 95.4



#89
n-Butylbenzene
Concen: 0.881 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040454.D
Acq: 26 Feb 2024 12:01

Tgt Ion: 91 Resp: 3751
Ion Ratio Lower Upper
91 100
92 49.3 27.4 82.0
134 22.8 12.6 37.8





#90

Hexachloroethane

Concen: 0.446 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

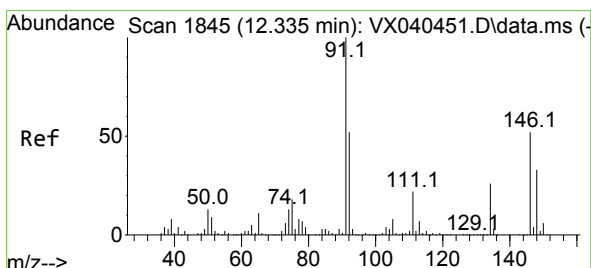
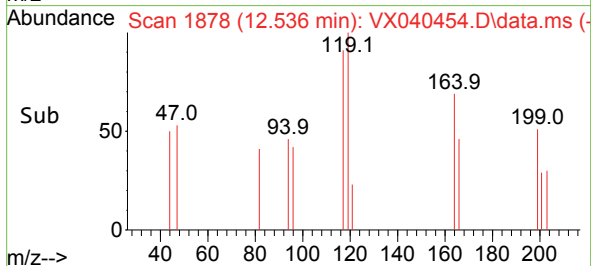
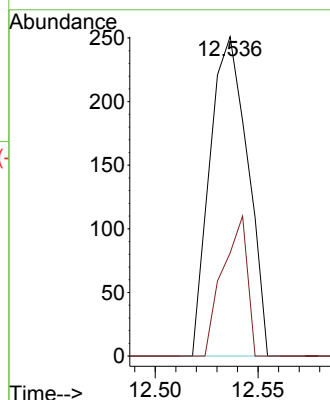
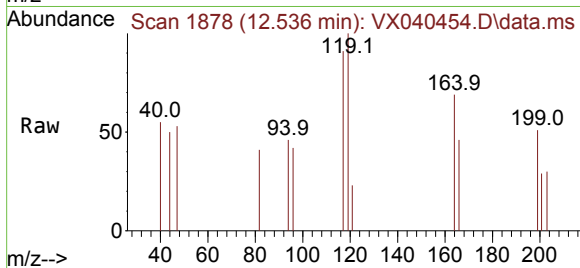
IBLK

Tgt Ion:117 Resp: 321

Ion Ratio Lower Upper

117 100

201 28.3 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.530 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

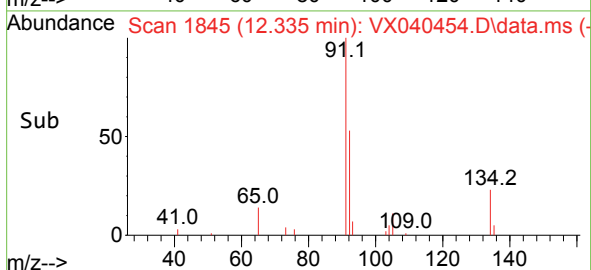
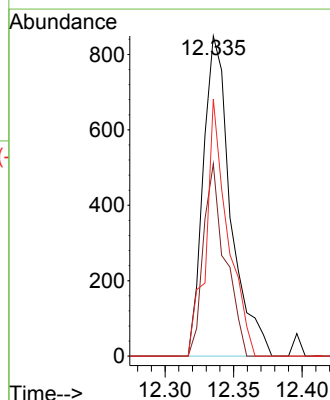
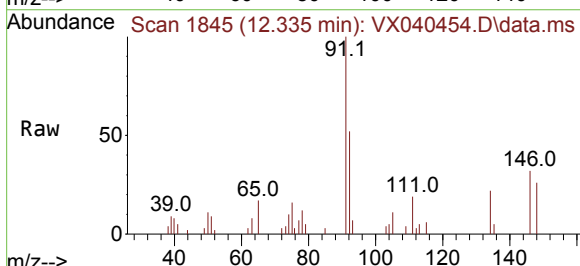
Tgt Ion:146 Resp: 1187

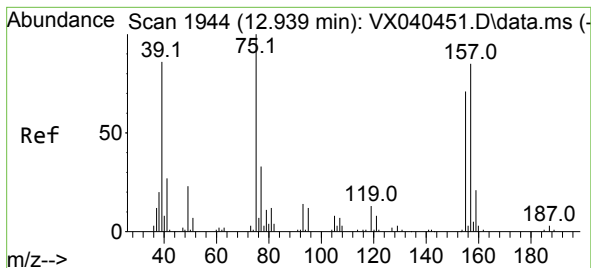
Ion Ratio Lower Upper

146 100

111 47.8 22.4 67.0

148 63.2 31.6 95.0

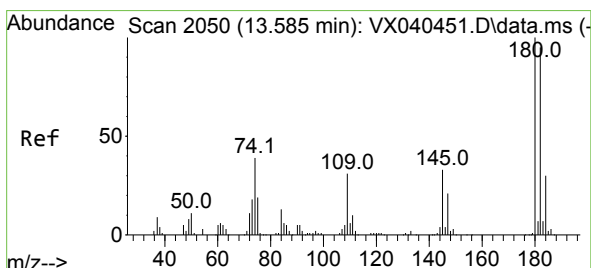
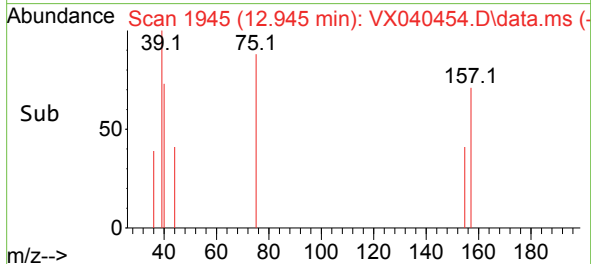
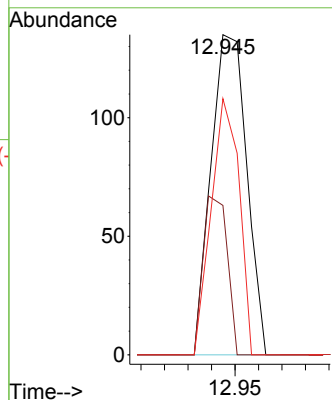
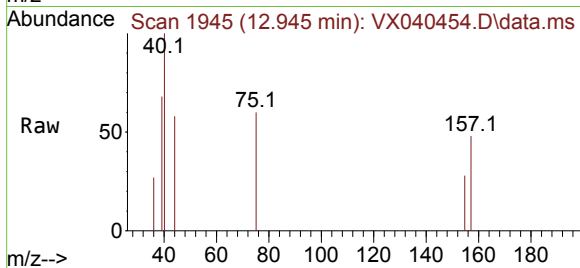




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.340 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

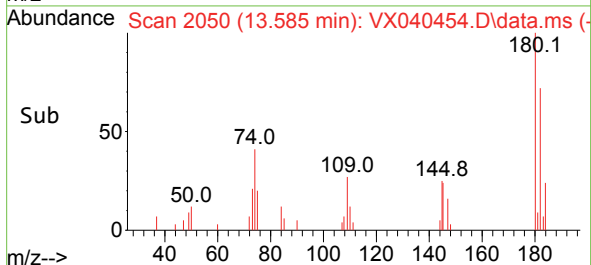
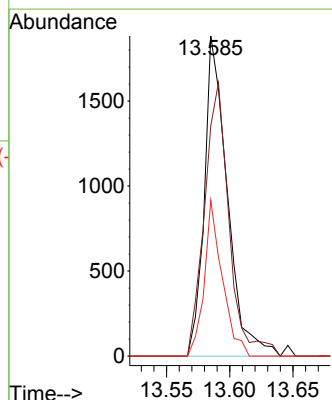
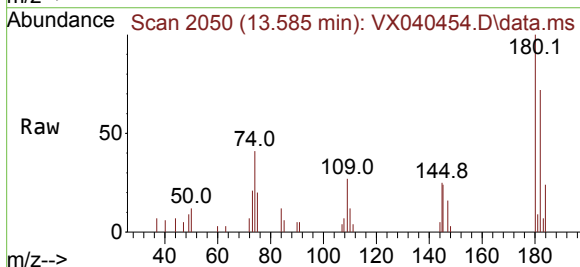
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

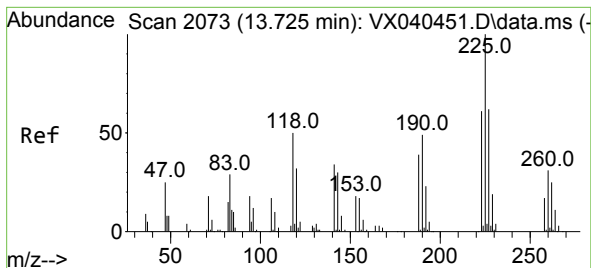
Tgt Ion: 75 Resp: 143
 Ion Ratio Lower Upper
 75 100
 155 33.6 36.1 108.5#
 157 62.2 44.9 134.7



#93
 1,2,4-Trichlorobenzene
 Concen: 1.630 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX040454.D
 Acq: 26 Feb 2024 12:01

Tgt Ion:180 Resp: 2382
 Ion Ratio Lower Upper
 180 100
 182 91.4 48.3 144.8
 145 38.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 3.659 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

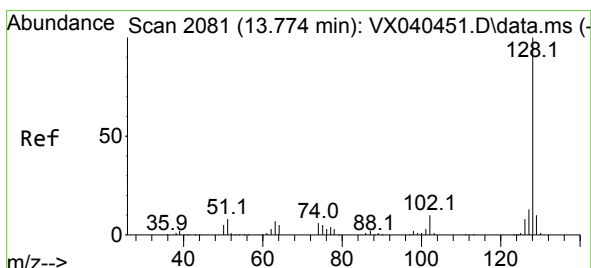
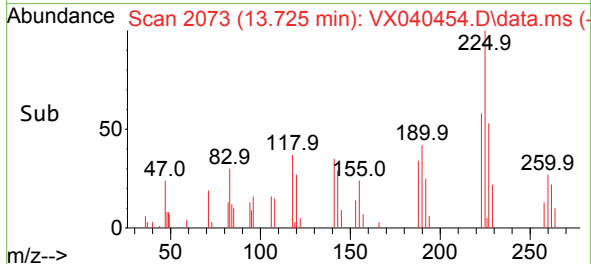
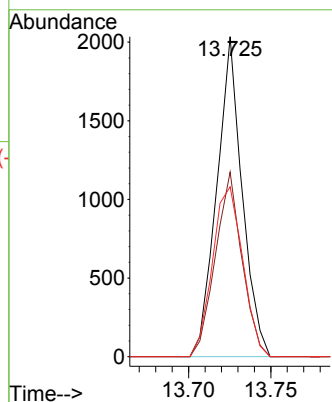
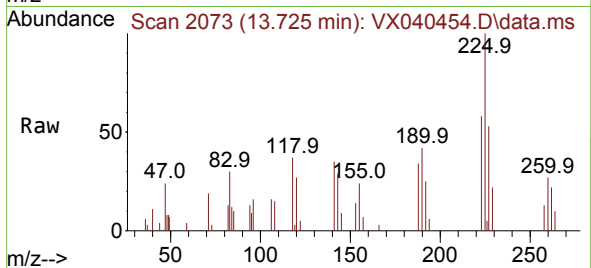
Tgt Ion:225 Resp: 2185

Ion Ratio Lower Upper

225 100

223 60.3 31.1 93.2

227 63.2 32.5 97.5



#95

Naphthalene

Concen: 1.638 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040454.D

Acq: 26 Feb 2024 12:01

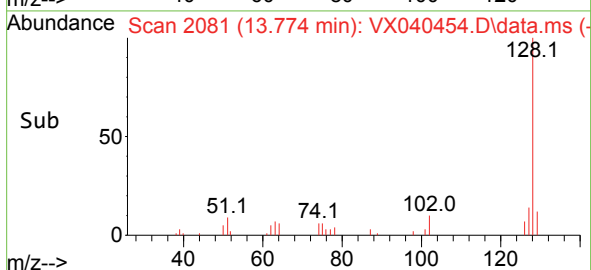
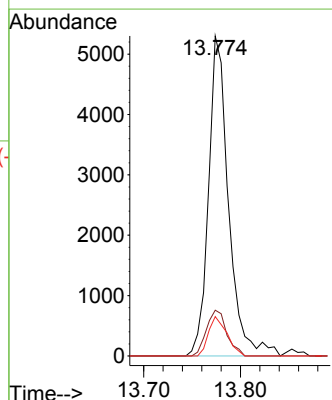
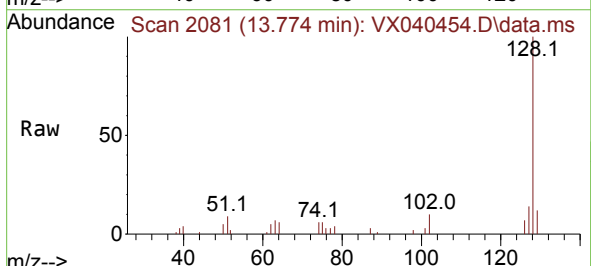
Tgt Ion:128 Resp: 7649

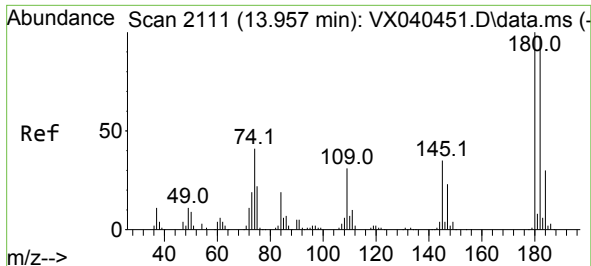
Ion Ratio Lower Upper

128 100

127 14.5 10.3 15.5

129 11.3 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 1.677 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040454.D

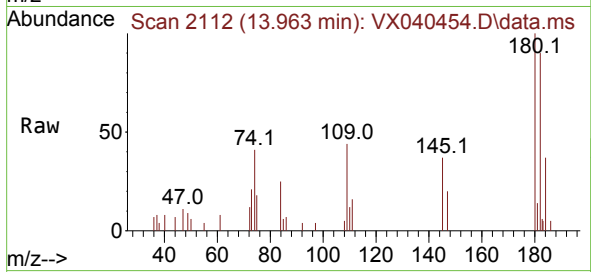
Acq: 26 Feb 2024 12:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 2329

Ion Ratio Lower Upper

180 100

182 88.7 46.9 140.6

145 34.2 17.8 53.5

