

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040829.D
 Acq On : 28 Mar 2024 17:34
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 29 04:54:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	3227	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	26013	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	29268	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	17151	31.011	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.367%	
60) 4-Bromofluorobenzene	11.079	95	19192	30.018	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.067%	
63) Toluene-d8	8.647	98	35164	30.647	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.167%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	253	0.448	ug/l	93
4) Vinyl Chloride	1.374	62	257	0.484	ug/l	90
5) Bromomethane	1.612	94	102	0.304	ug/l #	78
7) Trichlorofluoromethane	1.892	101	386	0.419	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	219	0.425	ug/l	74
10) 1,1-Dichloroethene	2.319	96	163	0.337	ug/l #	77
11) Methyl Iodide	2.453	142	205	0.310	ug/l #	37
13) Acrolein	2.240	56	75	0.987	ug/l #	80
14) Acrylonitrile	3.063	53	680	2.252	ug/l	85
15) Acetone	2.386	58	55	0.642	ug/l #	23
16) Carbon Disulfide	2.514	76	3035	2.237	ug/l	96
18) Methylene Chloride	2.794	84	214	0.412	ug/l #	25
19) trans-1,2-Dichloroethene	3.093	96	535	1.060	ug/l	86
23) tert-Butyl Alcohol	2.959	59	283	2.020	ug/l #	100
30) 2-Butanone	4.574	43	145	0.316	ug/l #	56
33) Carbon Tetrachloride	5.678	117	198	0.239	ug/l #	11
37) Trichloroethene	7.141	130	233	0.453	ug/l #	75
38) Methylcyclohexane	7.379	83	314	0.366	ug/l	90
40) Dibromomethane	7.586	93	83	0.202	ug/l #	8
42) Vinyl Acetate	3.745	43	440	0.259	ug/l #	76
43) Ethyl Acetate	4.593	43	233	0.257	ug/l #	64
53) Dibromochloromethane	9.281	129	245	0.407	ug/l #	11
55) 2-Chloroethyl vinyl ether	8.251	63	595	1.385	ug/l #	77
56) Bromoform	11.079	173	122	0.291	ug/l #	1
58) 4-Methyl-2-Pentanone	8.580	43	376	0.455	ug/l #	73
59) 2-Hexanone	9.446	43	340	0.516	ug/l #	88
61) Tetrachloroethene	9.275	164	295	0.752	ug/l #	71
62) Toluene	8.720	91	606	0.306	ug/l #	78
64) Chlorobenzene	10.086	112	565	0.442	ug/l	95
66) Ethyl Benzene	10.202	91	846	0.364	ug/l	98
67) m/p-Xylenes	10.311	106	748	0.876	ug/l	93
68) o-Xylene	10.647	106	221	0.275	ug/l	58
69) Styrene	10.659	104	493	0.353	ug/l #	83
70) Isopropylbenzene	10.964	105	929	0.424	ug/l	89
73) Bromobenzene	11.195	156	226	0.432	ug/l	84
74) n-propylbenzene	11.305	91	1567	0.573	ug/l	92
75) 2-Chlorotoluene	11.372	91	790	0.488	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	845	0.445	ug/l	99
77) t-1,4-Dichloro-2-butene	11.079	75	11074	43.186	ug/l #	12

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

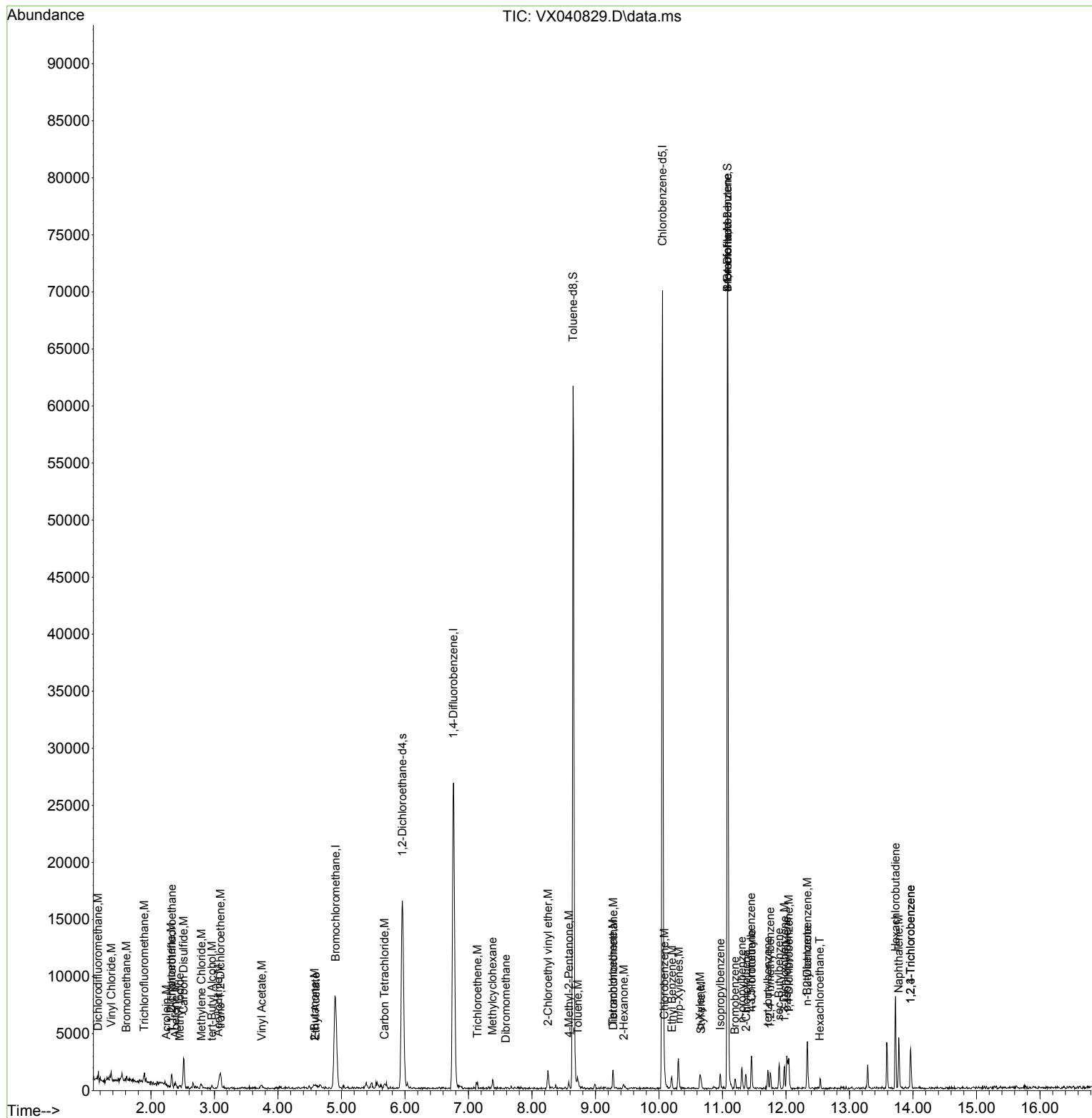
78) 4-Chlorotoluene	11.457	91	1104	0.574	ug/l	91
79) tert-butylbenzene	11.713	119	810	0.444	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	859	0.457	ug/l	94
81) sec-Butylbenzene	11.890	105	1410	0.602	ug/l	97
82) p-Isopropyltoluene	12.012	119	1136	0.573	ug/l	96
83) 1,3-Dichlorobenzene	11.976	146	739	0.728	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	836	0.799	ug/l	90
85) n-Butylbenzene	12.329	91	1598	0.811	ug/l	95
86) Hexachloroethane	12.530	117	151	0.429	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	591	0.602	ug/l	93
89) 1,2,4-Trichlorobenzene	13.963	180	1036	1.513	ug/l	98
90) Hexachlorobutadiene	13.725	225	1062	4.134	ug/l	95
91) Naphthalene	13.774	128	2831	1.236	ug/l #	97
92) 1,2,3-Trichlorobenzene	13.963	180	1036	1.587	ug/l	96

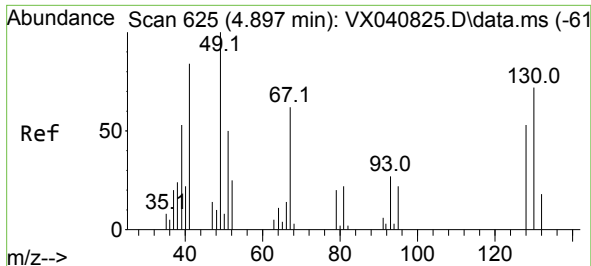
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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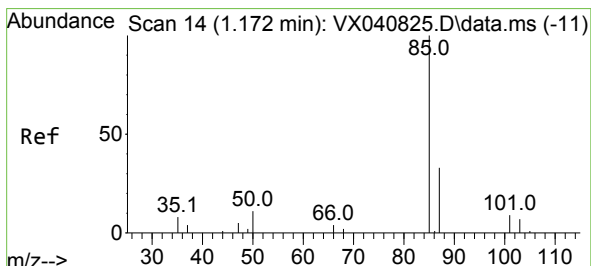
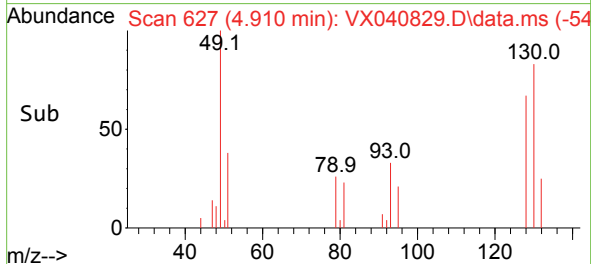
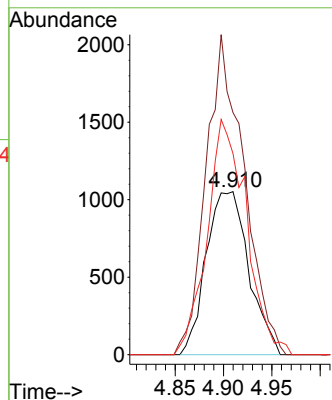
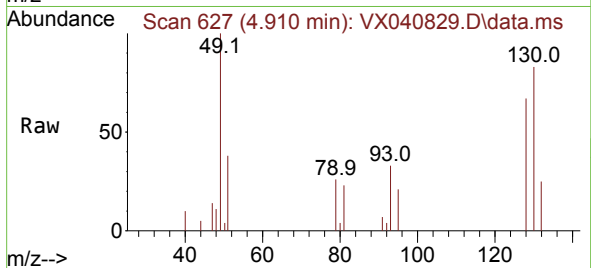




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.910 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

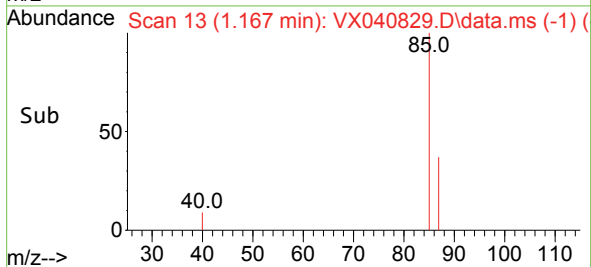
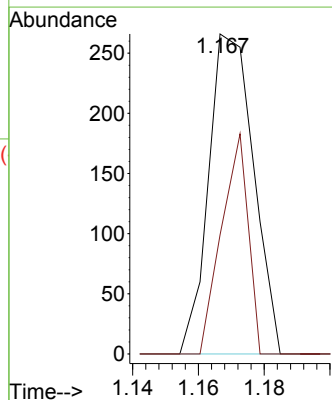
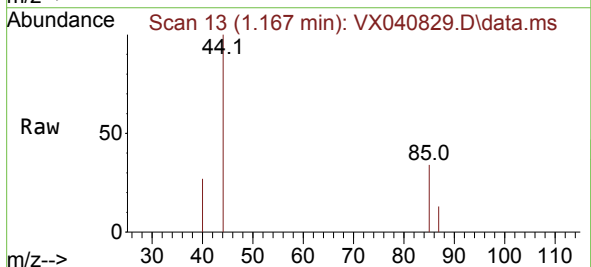
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

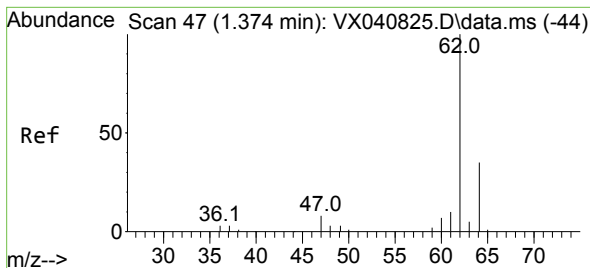
Tgt Ion:128 Resp: 3227
 Ion Ratio Lower Upper
 128 100
 49 175.2 0.0 444.0
 130 131.1 0.0 297.8



#2
 Dichlorodifluoromethane
 Concen: 0.448 ug/l
 RT: 1.167 min Scan# 13
 Delta R.T. -0.006 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

Tgt Ion: 85 Resp: 253
 Ion Ratio Lower Upper
 85 100
 87 37.2 16.7 50.1





#4

Vinyl Chloride

Concen: 0.484 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

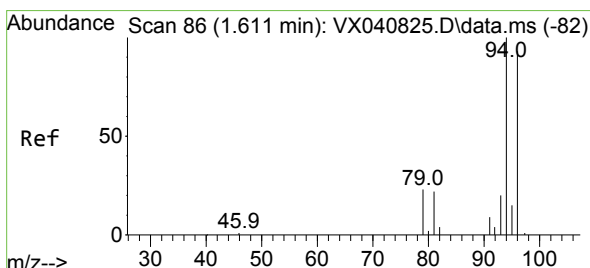
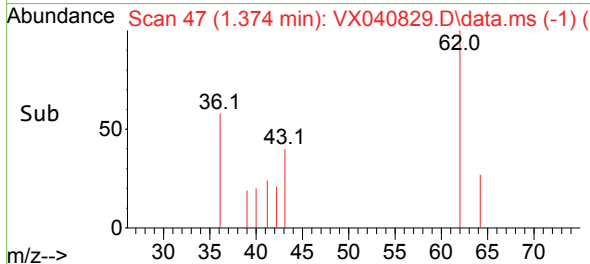
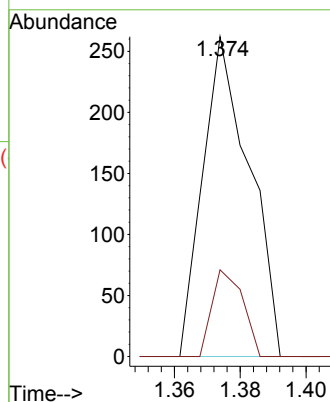
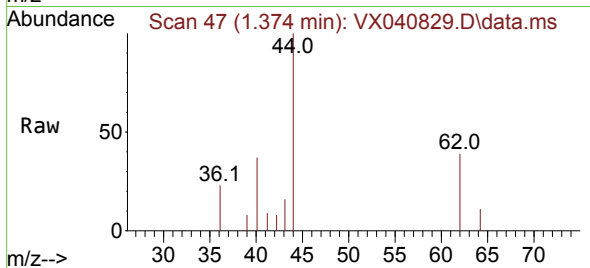
IBLK

Tgt Ion: 62 Resp: 257

Ion Ratio Lower Upper

62 100

64 27.1 26.3 39.5



#5

Bromomethane

Concen: 0.304 ug/l

RT: 1.612 min Scan# 86

Delta R.T. 0.000 min

Lab File: VX040829.D

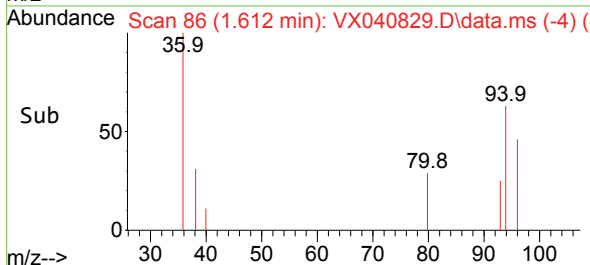
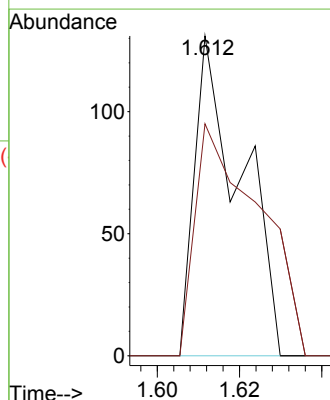
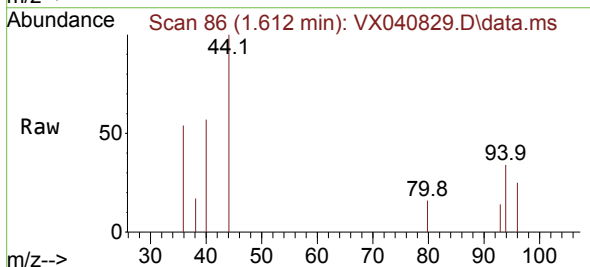
Acq: 28 Mar 2024 17:34

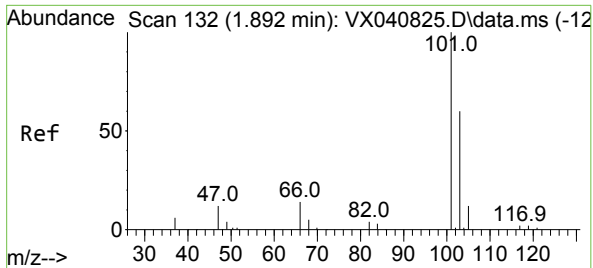
Tgt Ion: 94 Resp: 102

Ion Ratio Lower Upper

94 100

96 72.5 74.9 112.3#

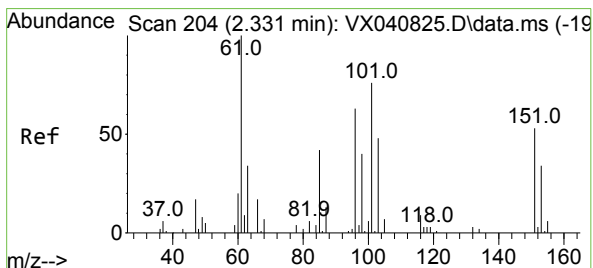
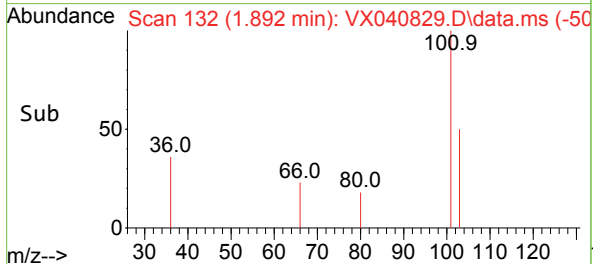
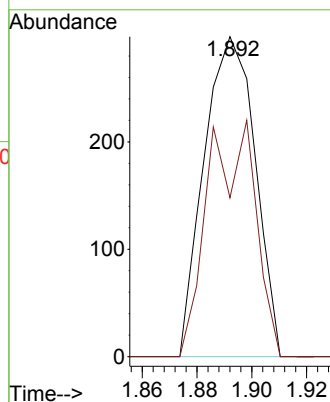
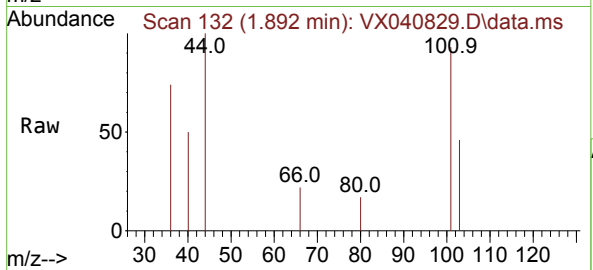




#7
Trichlorofluoromethane
Concen: 0.419 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

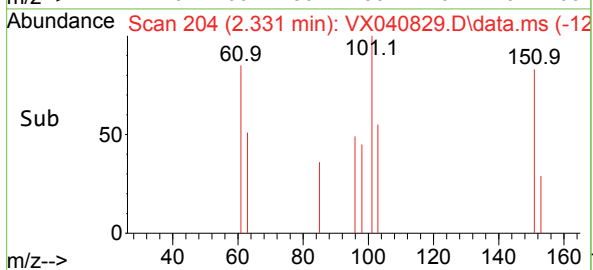
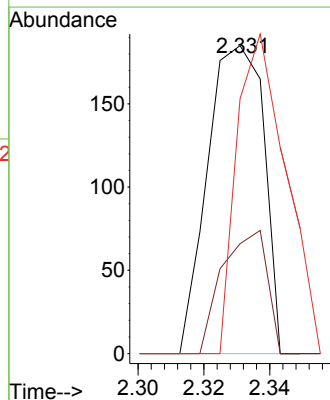
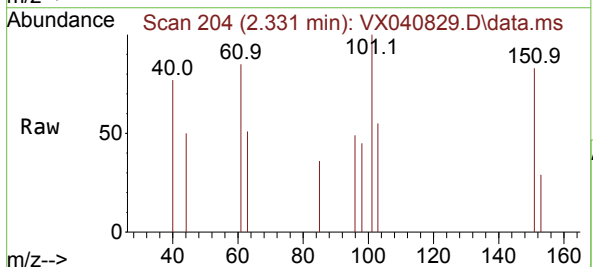
Instrument :
MSVOA_X
ClientSampleId :
IBLK

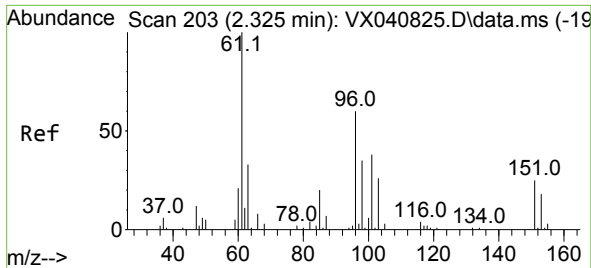
Tgt Ion:101 Resp: 386
Ion Ratio Lower Upper
101 100
103 49.7 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.425 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion:101 Resp: 219
Ion Ratio Lower Upper
101 100
85 32.0 0.0 95.2
151 90.9 0.0 136.8





#10

1,1-Dichloroethene

Concen: 0.337 ug/l

RT: 2.319 min Scan# 203

Delta R.T. -0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

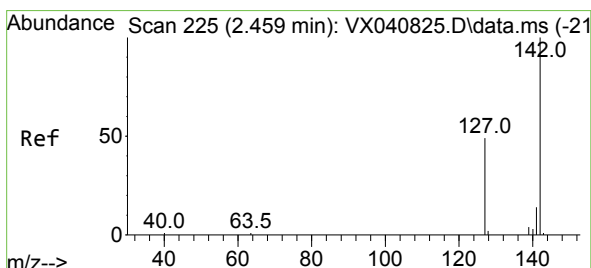
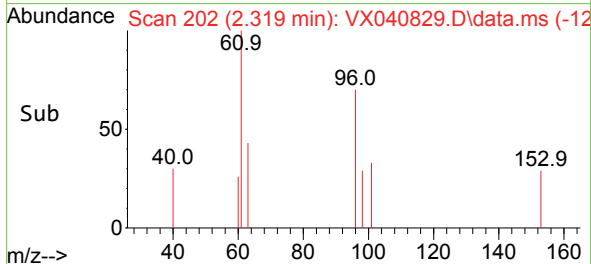
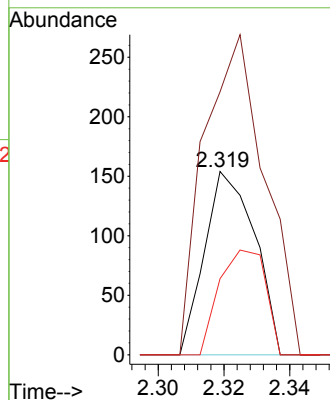
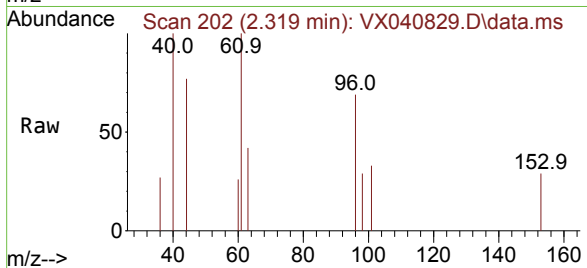
Tgt Ion: 96 Resp: 163

Ion Ratio Lower Upper

96 100

61 143.5 138.3 207.5

98 41.6 49.8 74.6#



#11

Methyl Iodide

Concen: 0.310 ug/l

RT: 2.453 min Scan# 224

Delta R.T. -0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

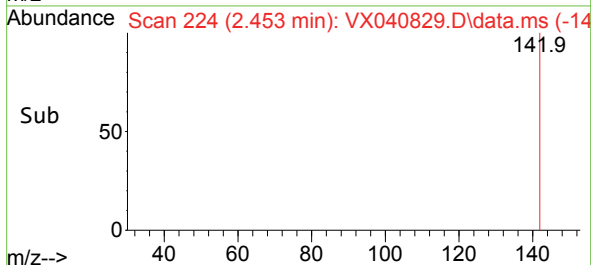
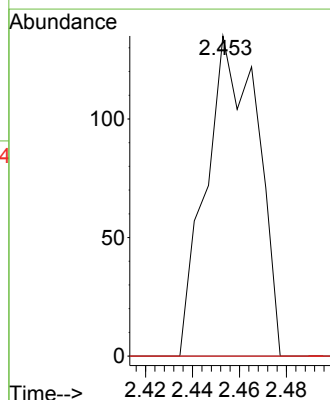
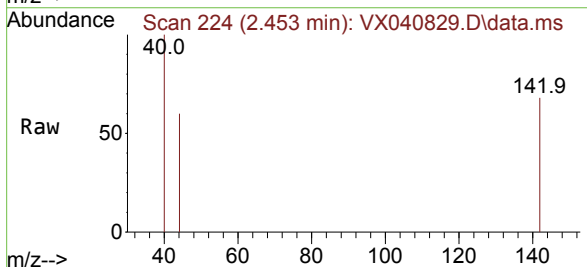
Tgt Ion:142 Resp: 205

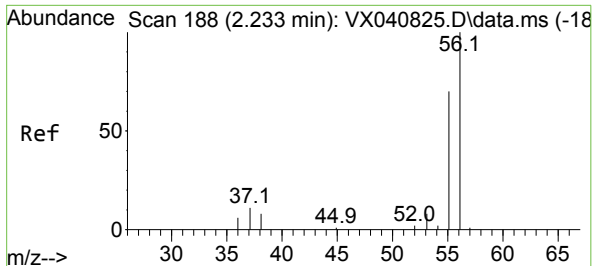
Ion Ratio Lower Upper

142 100

127 0.0 23.8 71.4#

141 0.0 6.9 20.6#





#13

Acrolein

Concen: 0.987 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

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ClientSampleId :

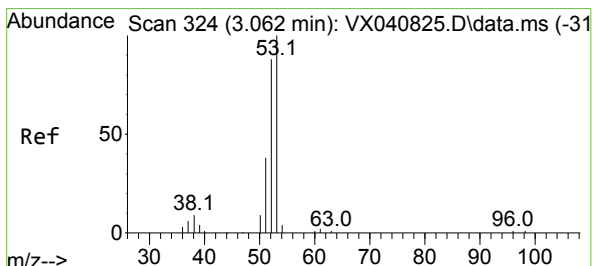
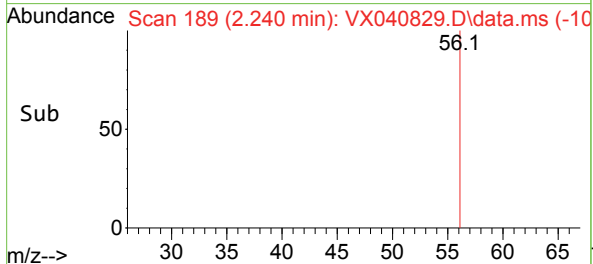
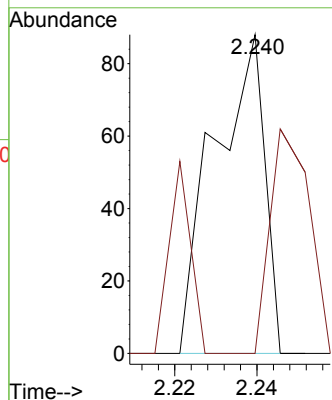
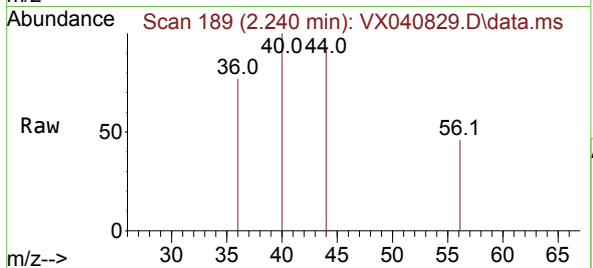
IBLK

Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

56 100

55 54.7 57.2 85.8#



#14

Acrylonitrile

Concen: 2.252 ug/l

RT: 3.063 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

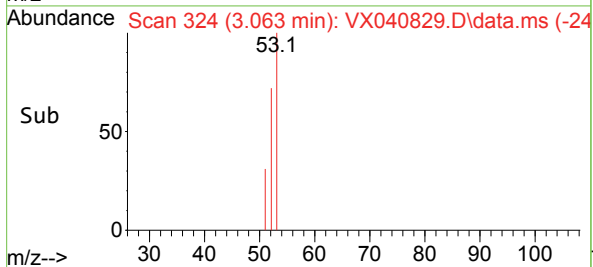
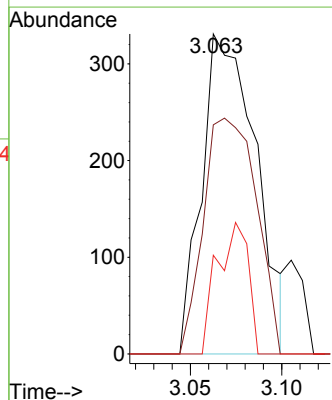
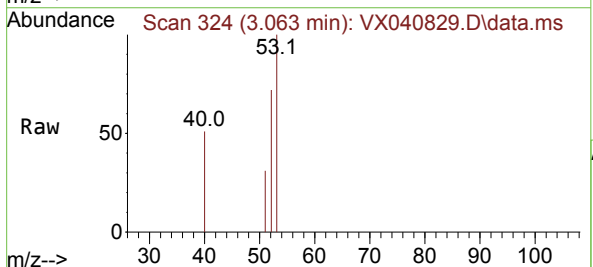
Tgt Ion: 53 Resp: 680

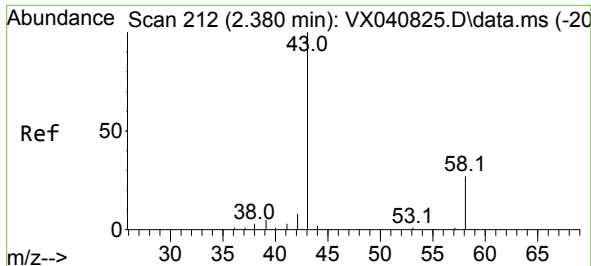
Ion Ratio Lower Upper

53 100

52 72.4 41.9 125.6

51 23.5 18.3 54.9





#15

Acetone

Concen: 0.642 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

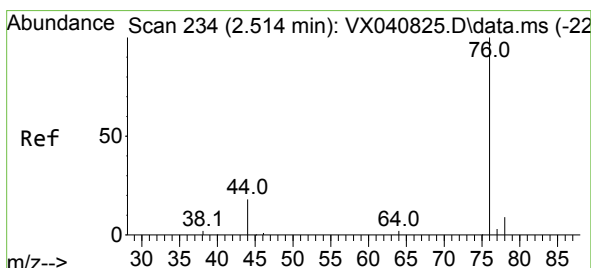
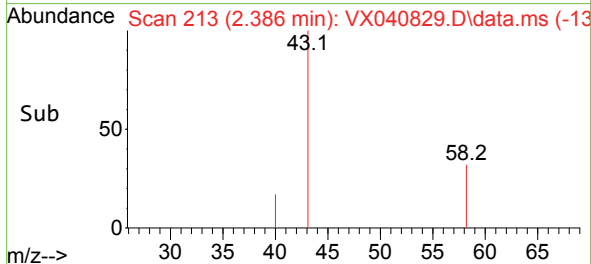
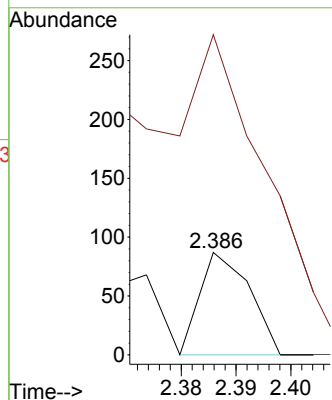
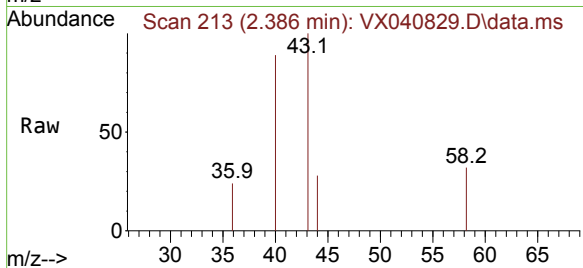
IBLK

Tgt Ion: 58 Resp: 55

Ion Ratio Lower Upper

58 100

43 157.5 249.9 374.9#



#16

Carbon Disulfide

Concen: 2.237 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX040829.D

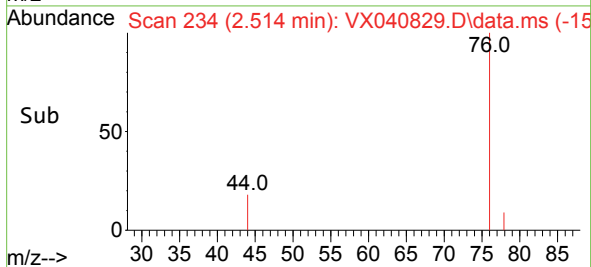
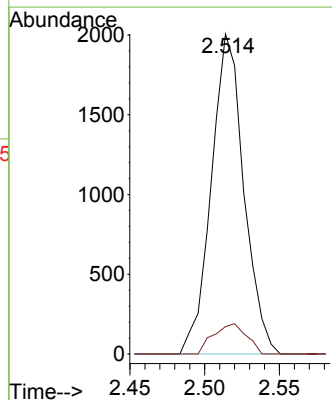
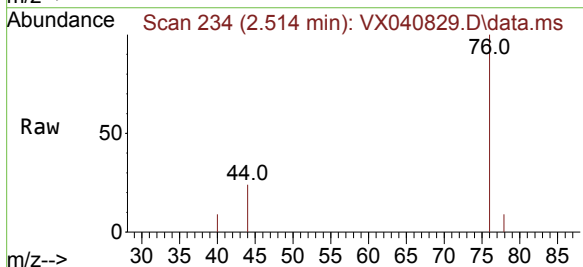
Acq: 28 Mar 2024 17:34

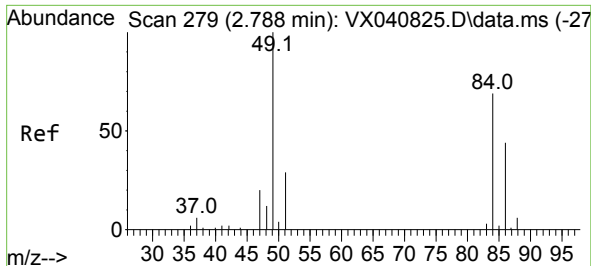
Tgt Ion: 76 Resp: 3035

Ion Ratio Lower Upper

76 100

78 8.6 8.0 12.0

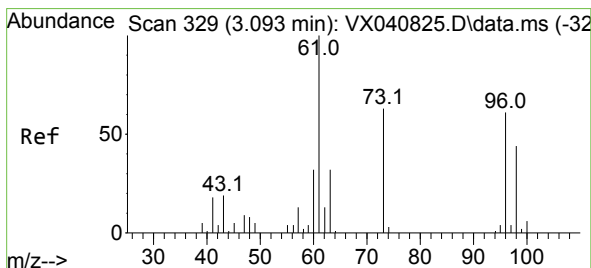
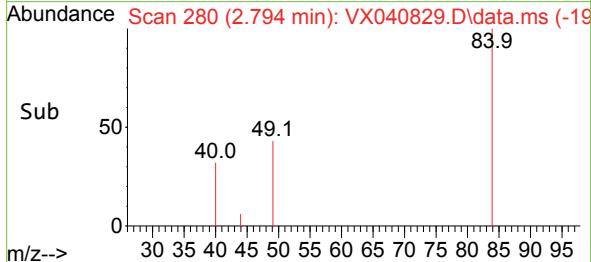
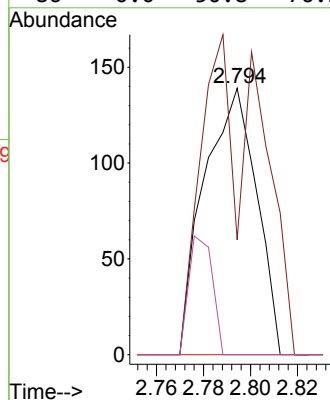
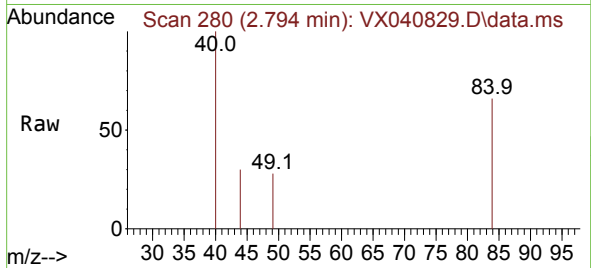




#18
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.794 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

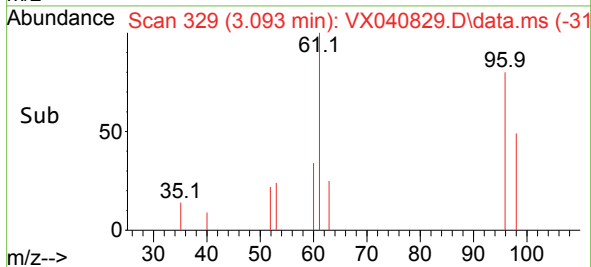
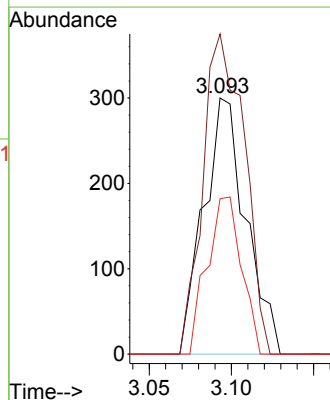
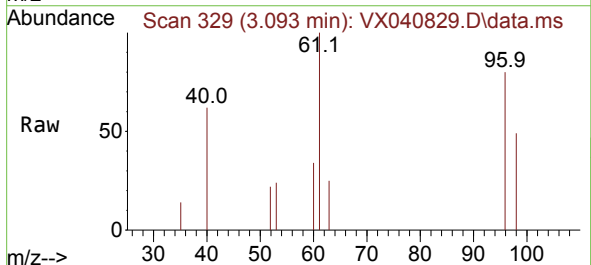
Instrument :
MSVOA_X
ClientSampleId :
IBLK

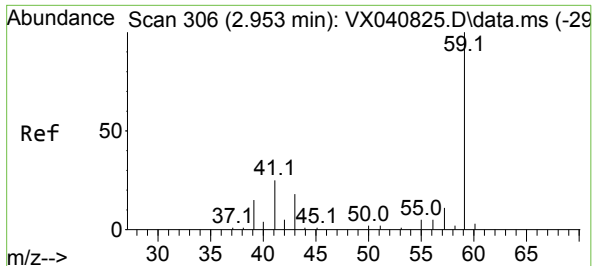
Tgt Ion: 84 Resp: 214
Ion Ratio Lower Upper
84 100
49 43.2 103.8 155.8#
51 0.0 31.8 47.6#
86 0.0 50.8 76.2#



#19
trans-1,2-Dichloroethene
Concen: 1.060 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 125.0 117.9 176.9
98 60.7 51.0 76.6





#23

tert-Butyl Alcohol

Concen: 2.020 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

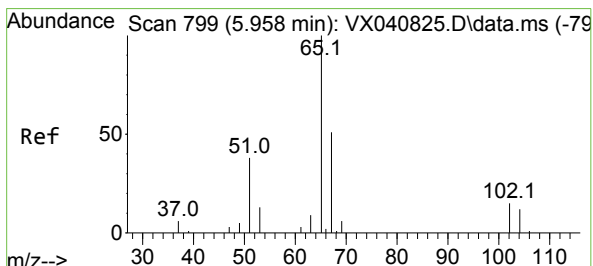
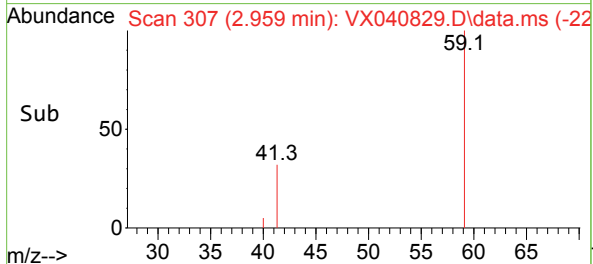
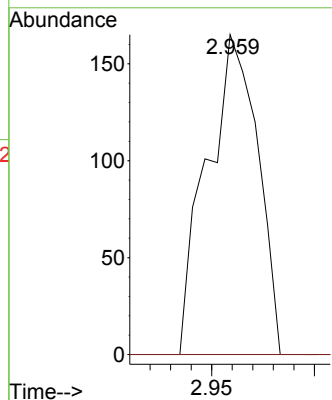
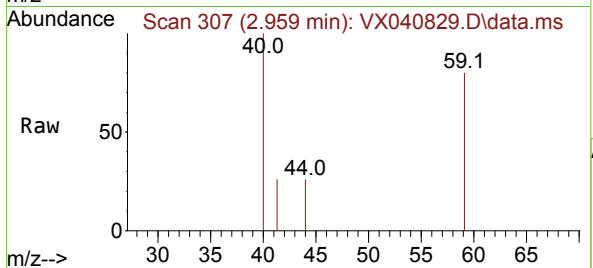
IBLK

Tgt Ion: 59 Resp: 283

Ion Ratio Lower Upper

59 100

52 173.9 0.0 0.0#



#27

1,2-Dichloroethane-d4

Concen: 31.011 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040829.D

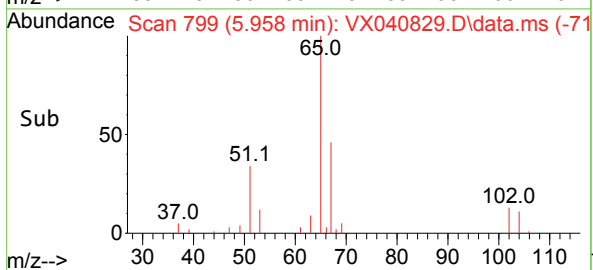
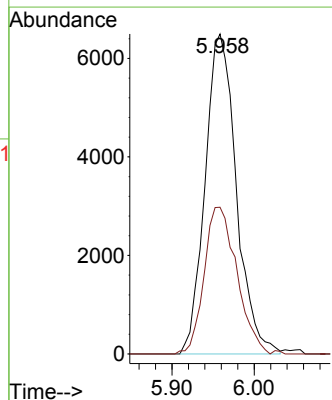
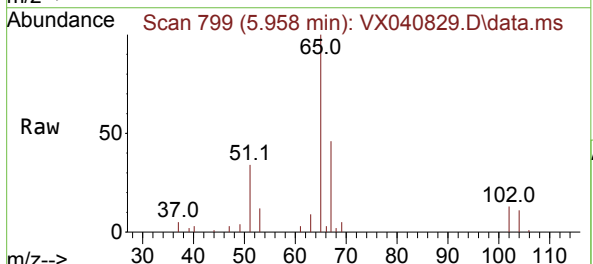
Acq: 28 Mar 2024 17:34

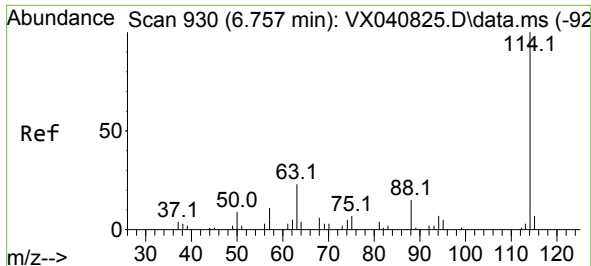
Tgt Ion: 65 Resp: 17151

Ion Ratio Lower Upper

65 100

67 47.9 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

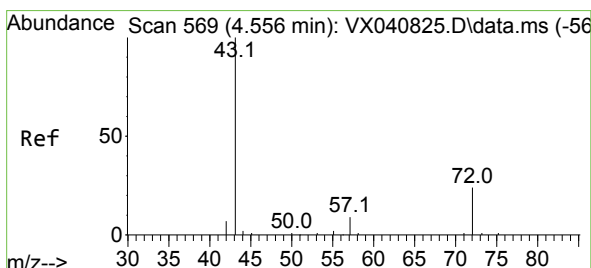
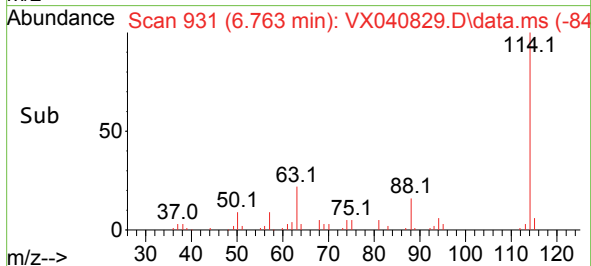
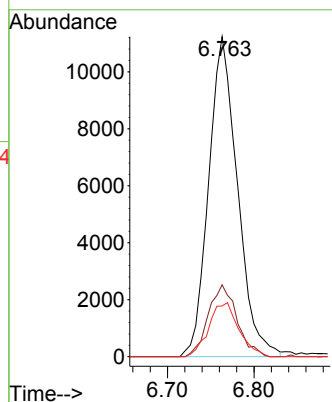
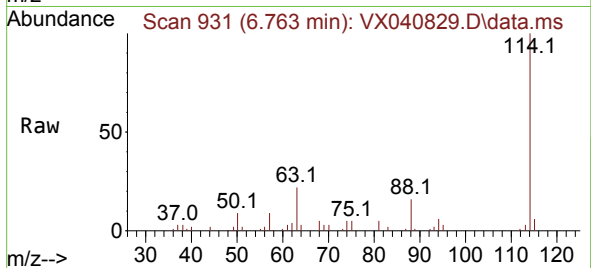
Tgt Ion:114 Resp: 26013

Ion Ratio Lower Upper

114 100

63 22.3 17.0 25.4

88 17.6 12.7 19.1



#30

2-Butanone

Concen: 0.316 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

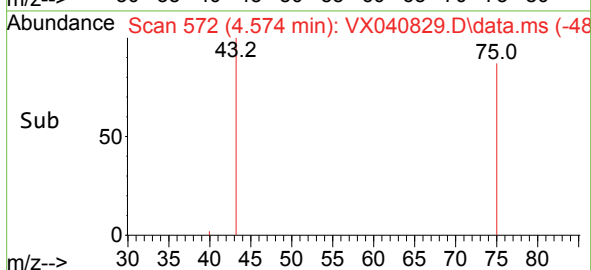
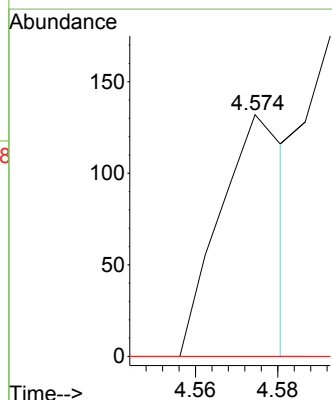
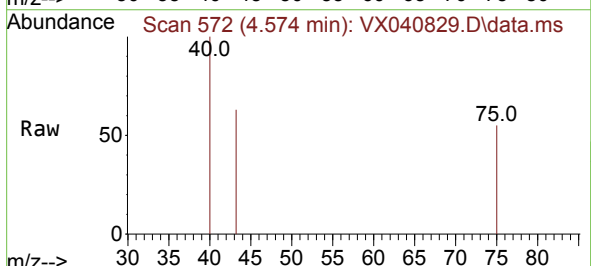
Tgt Ion: 43 Resp: 145

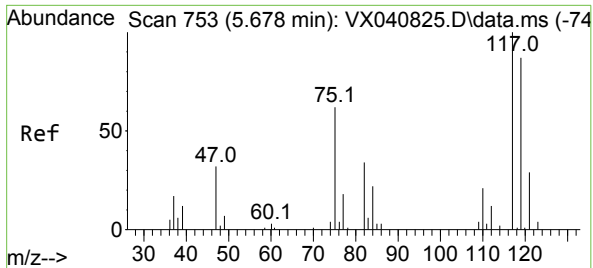
Ion Ratio Lower Upper

43 100

57 0.0 6.6 10.0#

72 0.0 20.6 31.0#

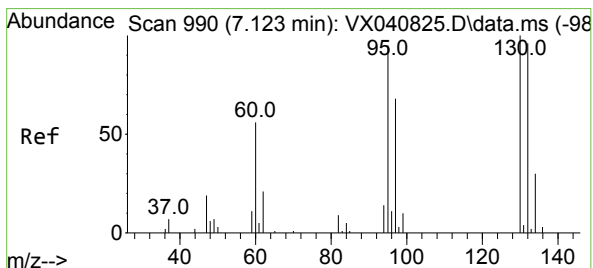
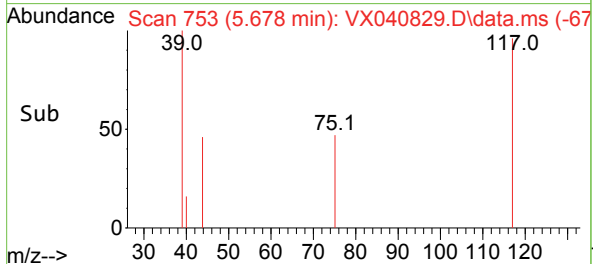
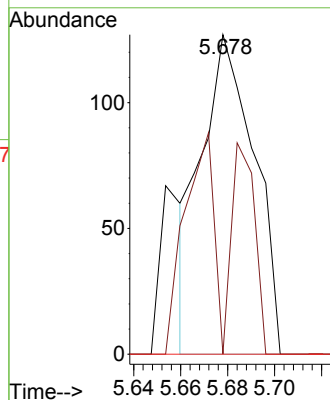
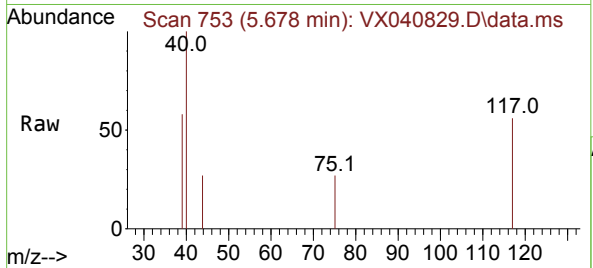




#33
Carbon Tetrachloride
Concen: 0.239 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

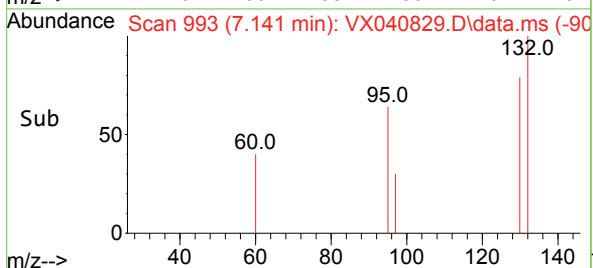
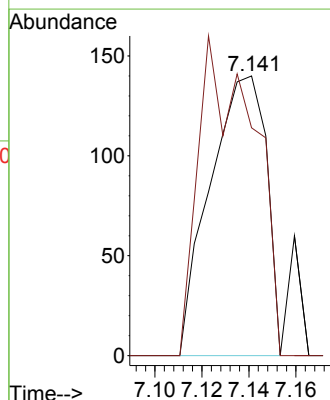
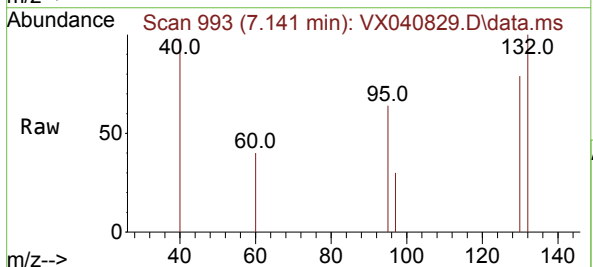
Instrument :
MSVOA_X
ClientSampleId :
IBLK

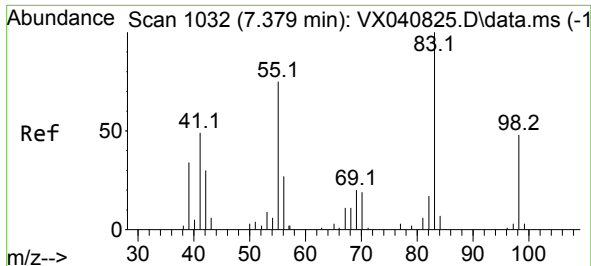
Tgt Ion:117 Resp: 198
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.4#
121 0.0 24.7 37.1#



#37
Trichloroethene
Concen: 0.453 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion:130 Resp: 233
Ion Ratio Lower Upper
130 100
95 81.4 85.8 128.8#

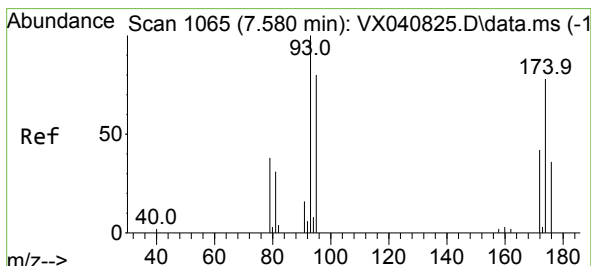
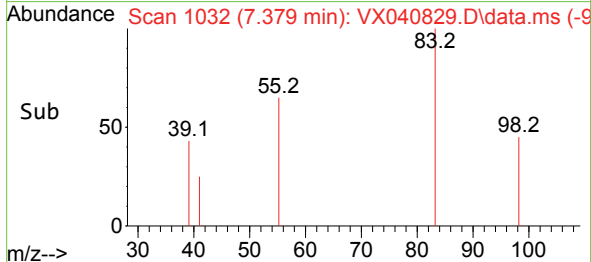
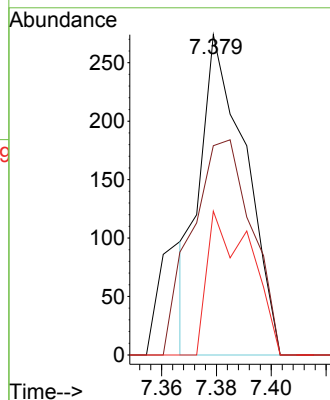
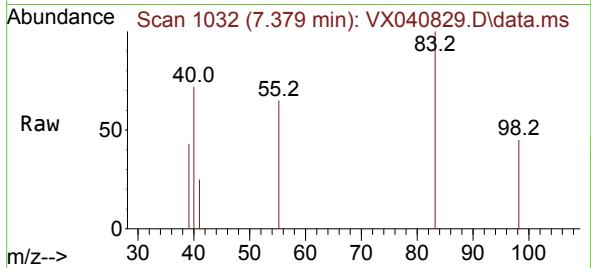




#38
Methylcyclohexane
Concen: 0.366 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

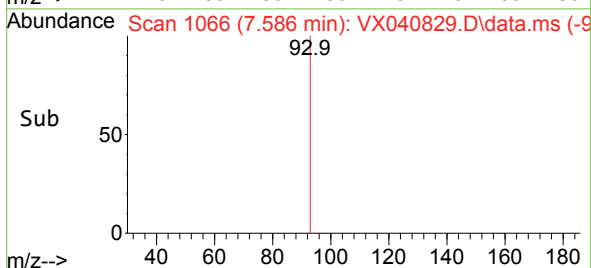
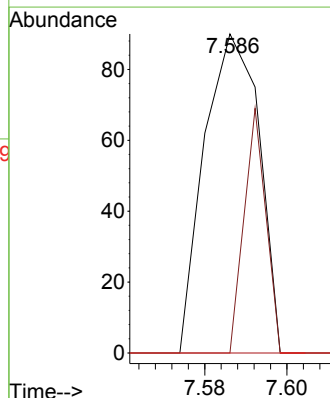
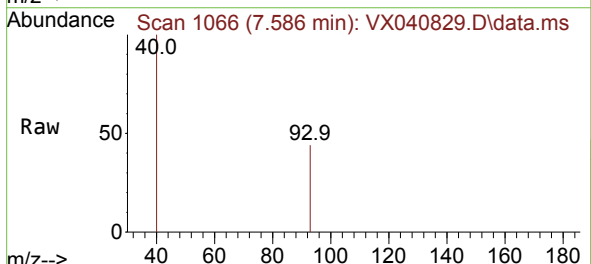
Instrument :
MSVOA_X
ClientSampleId :
IBLK

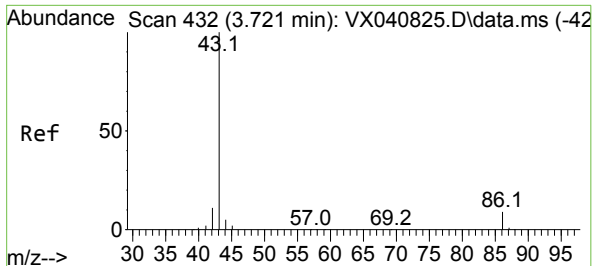
Tgt Ion: 83	Resp:	314	
Ion	Ratio	Lower	Upper
83	100		
55	89.5	38.6	116.0
98	43.0	22.3	66.8



#40
Dibromomethane
Concen: 0.202 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 93	Resp: 83
Ion Ratio	Lower Upper
93 100	
95 0.0	0.0 163.4
174 0.0	0.0 166.4





#42

Vinyl Acetate

Concen: 0.259 ug/l

RT: 3.745 min Scan# 41

Delta R.T. 0.025 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

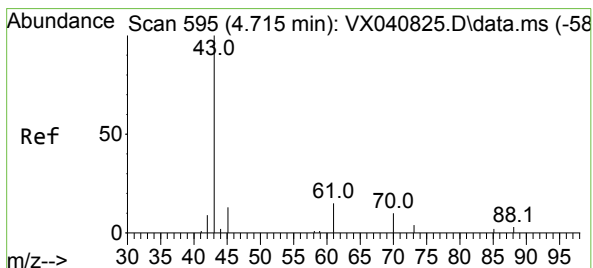
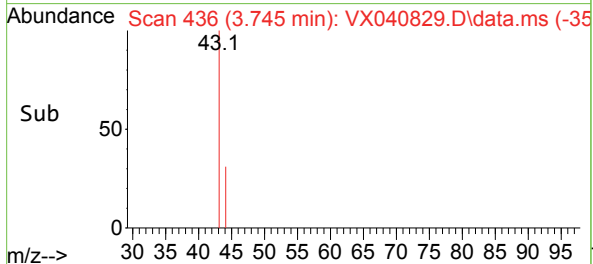
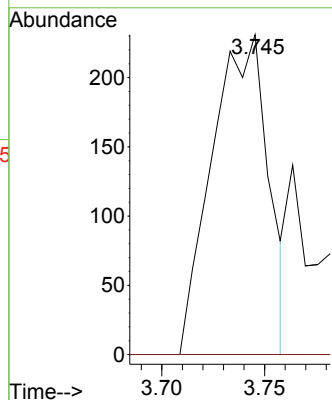
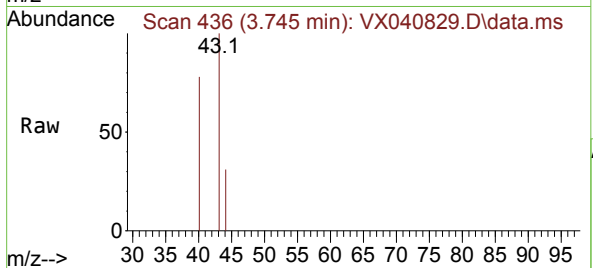
IBLK

Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

86 0.0 6.7 10.1#



#43

Ethyl Acetate

Concen: 0.257 ug/l

RT: 4.593 min Scan# 575

Delta R.T. -0.122 min

Lab File: VX040829.D

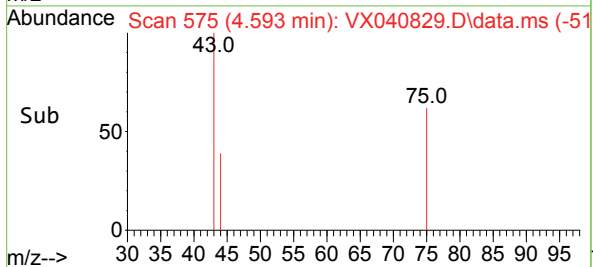
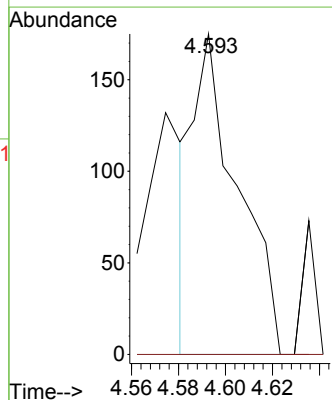
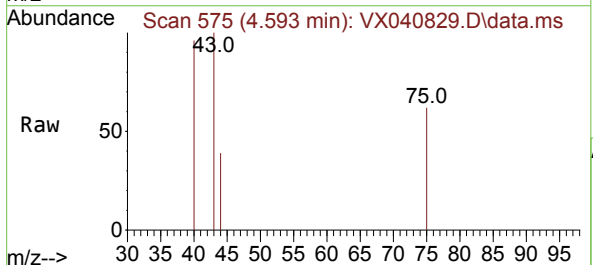
Acq: 28 Mar 2024 17:34

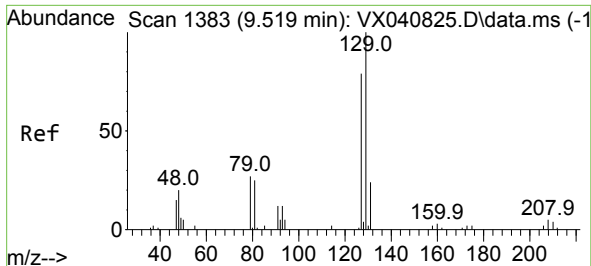
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

45 0.0 11.8 17.8#

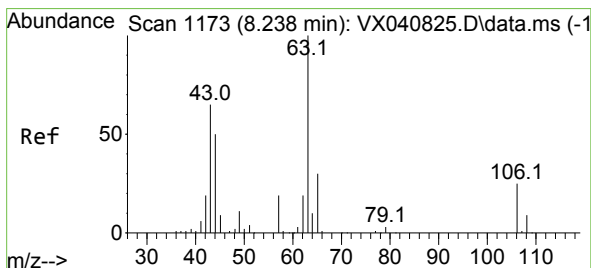
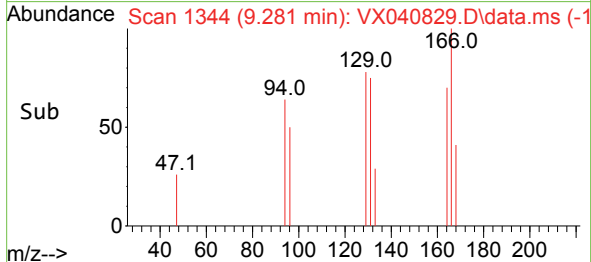
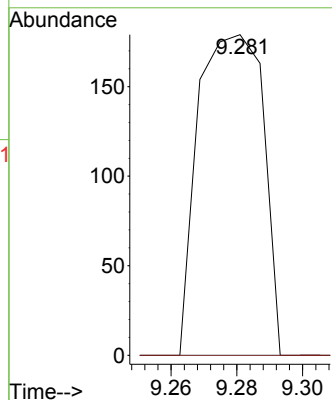
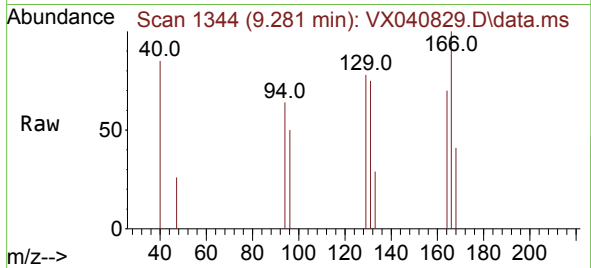




#53
Dibromochloromethane
Concen: 0.407 ug/l
RT: 9.281 min Scan# 1175
Delta R.T. -0.238 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

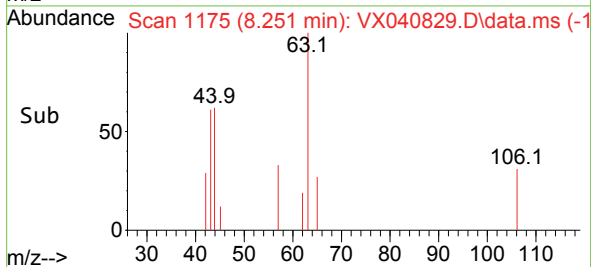
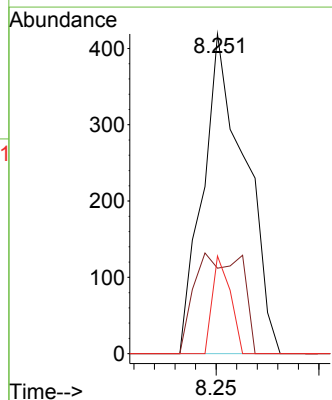
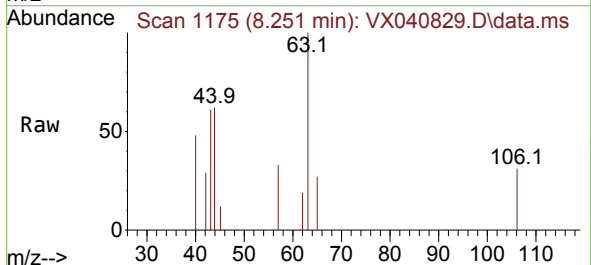
Instrument :
MSVOA_X
ClientSampleId :
IBLK

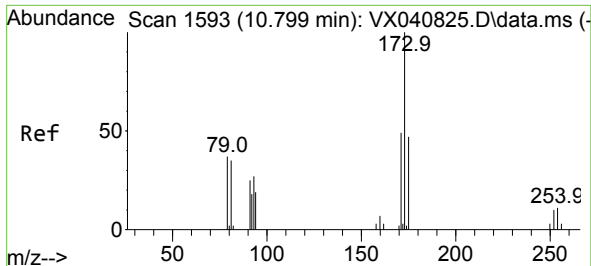
Tgt Ion:129 Resp: 245
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#55
2-Chloroethyl vinyl ether
Concen: 1.385 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 63 Resp: 595
Ion Ratio Lower Upper
63 100
65 20.2 25.8 38.6#
106 12.9 20.6 31.0#

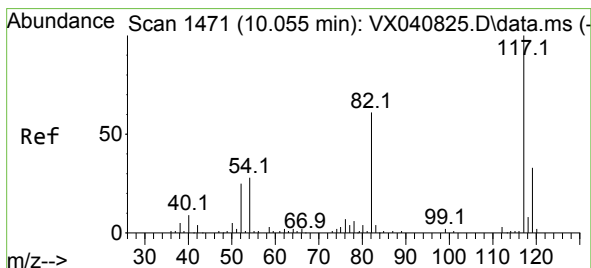
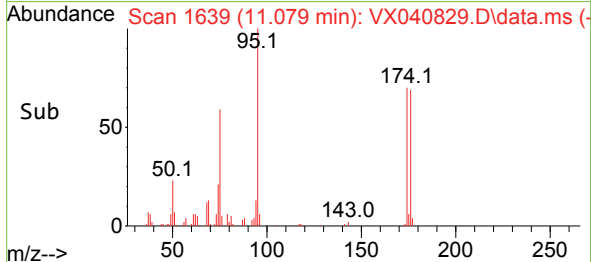
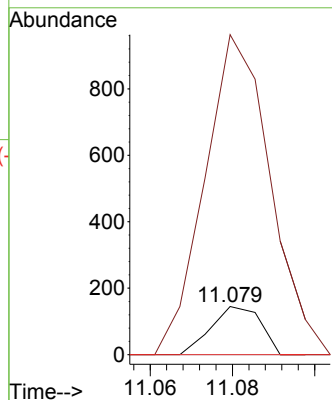
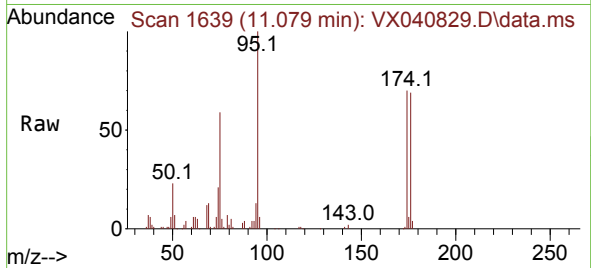




#56
Bromoform
Concen: 0.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.281 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

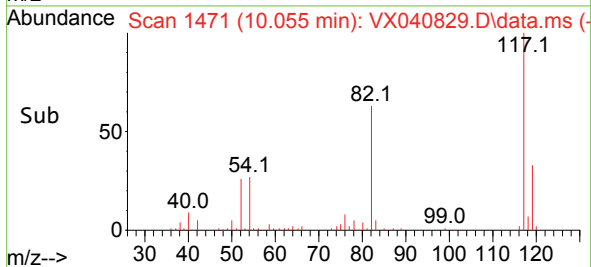
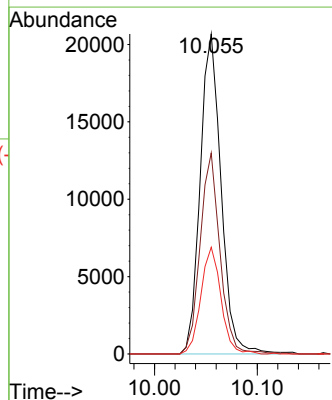
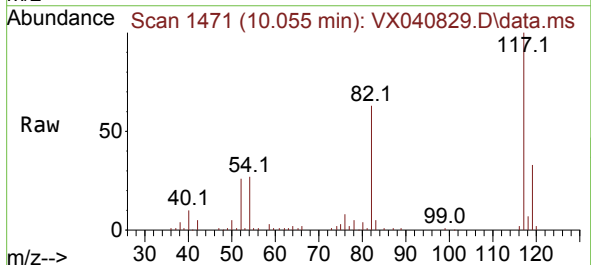
Instrument :
MSVOA_X
ClientSampleId :
IBLK

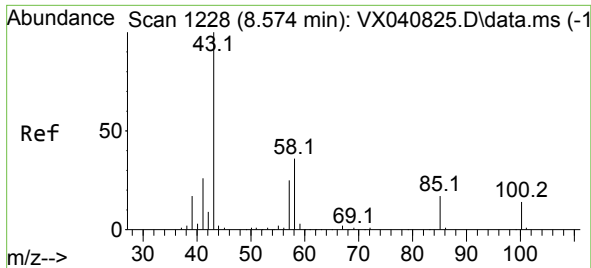
Tgt Ion:173 Resp: 122
Ion Ratio Lower Upper
173 100
175 874.6 37.6 56.4#
254 0.0 5.8 8.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion:117 Resp: 29268
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 32.1 25.2 37.8

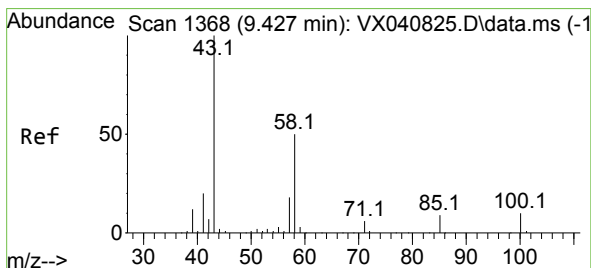
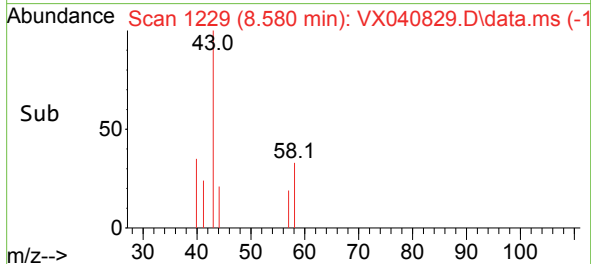
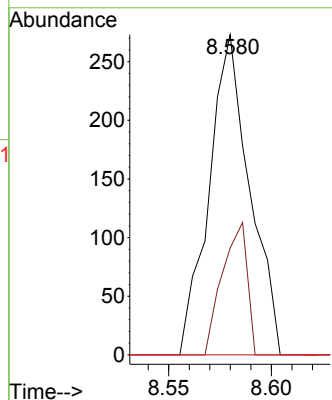
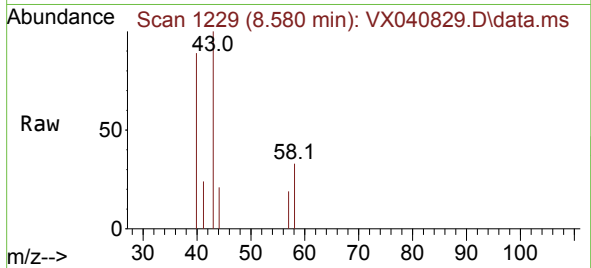




#58
 4-Methyl-2-Pentanone
 Concen: 0.455 ug/l
 RT: 8.580 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

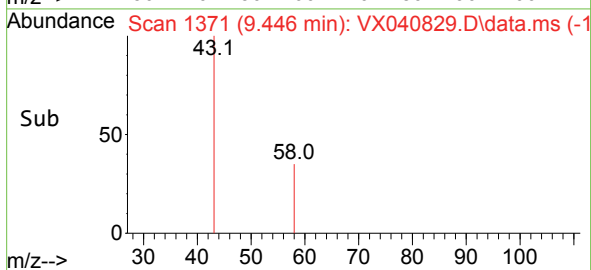
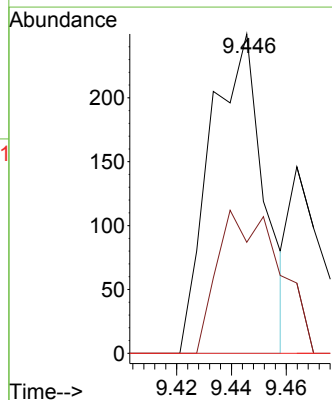
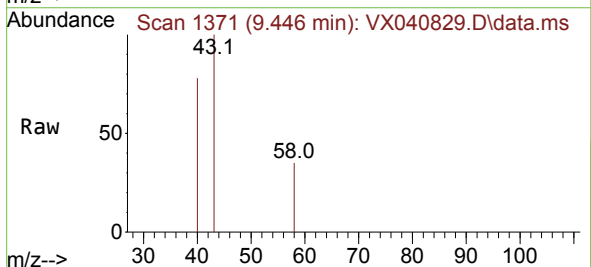
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

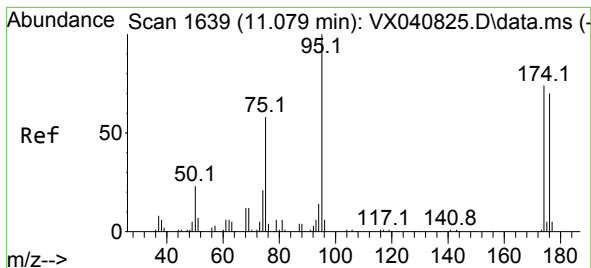
Tgt Ion: 43 Resp: 376
 Ion Ratio Lower Upper
 43 100
 58 25.3 30.1 45.1#
 85 0.0 13.9 20.9#



#59
 2-Hexanone
 Concen: 0.516 ug/l
 RT: 9.446 min Scan# 1371
 Delta R.T. 0.018 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

Tgt Ion: 43 Resp: 340
 Ion Ratio Lower Upper
 43 100
 58 51.8 42.7 64.1
 57 0.0 14.8 22.2#

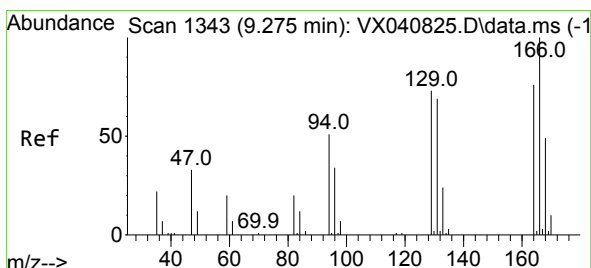
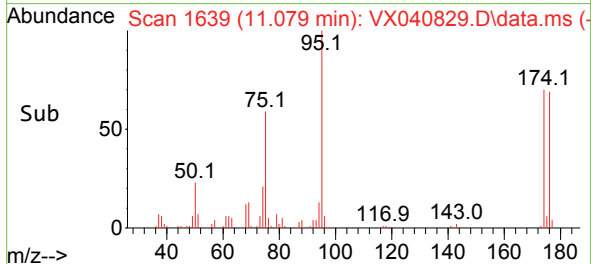
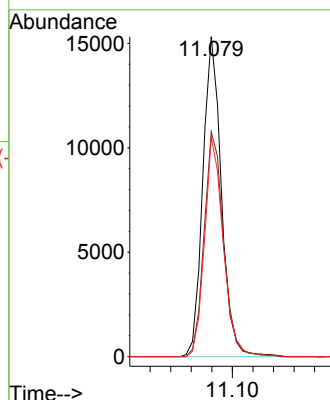
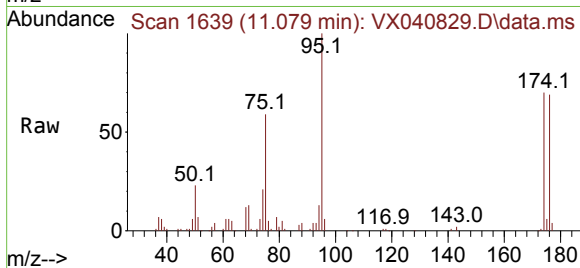




#60
 4-Bromofluorobenzene
 Concen: 30.018 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

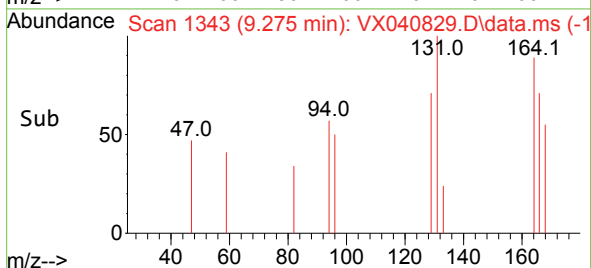
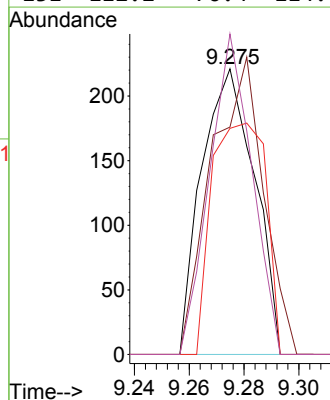
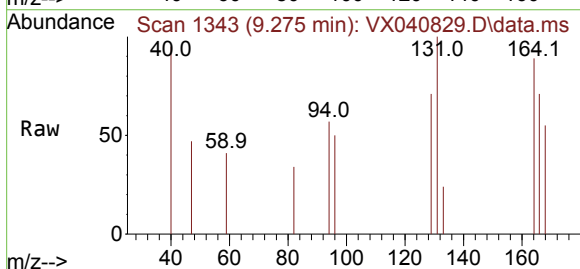
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

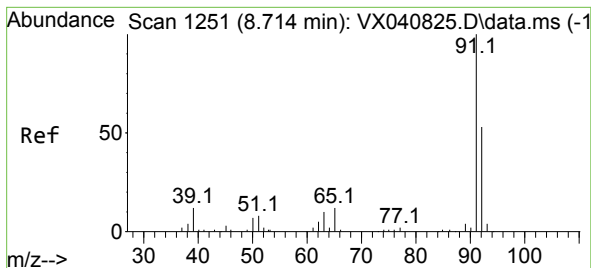
Tgt Ion: 95 Resp: 19192
 Ion Ratio Lower Upper
 95 100
 174 73.3 55.4 83.2
 176 68.9 52.6 78.8



#61
 Tetrachloroethene
 Concen: 0.752 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

Tgt Ion: 164 Resp: 295
 Ion Ratio Lower Upper
 164 100
 166 79.6 104.0 156.0#
 129 79.2 82.0 123.0#
 131 112.2 76.4 114.6





#62

Toluene

Concen: 0.306 ug/l

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

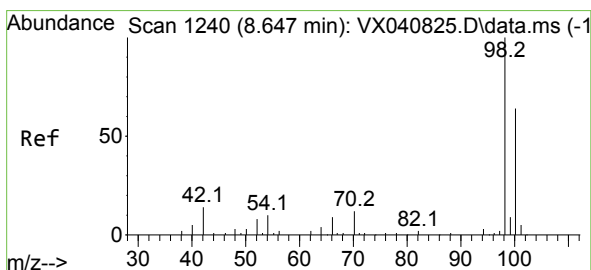
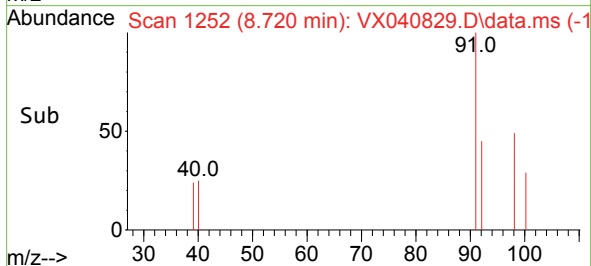
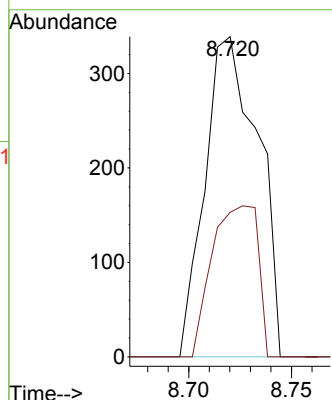
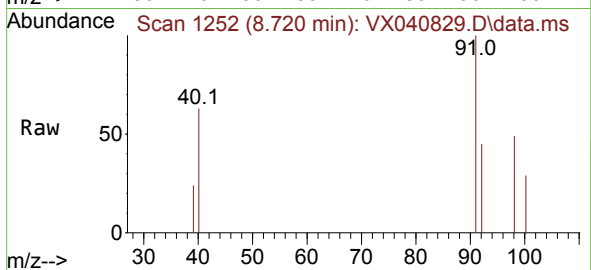
IBLK

Tgt Ion: 91 Resp: 606

Ion Ratio Lower Upper

91 100

92 41.1 45.9 68.9#



#63

Toluene-d8

Concen: 30.647 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040829.D

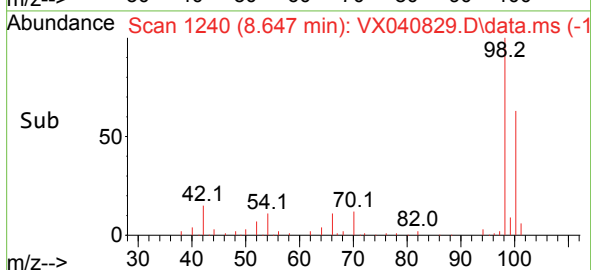
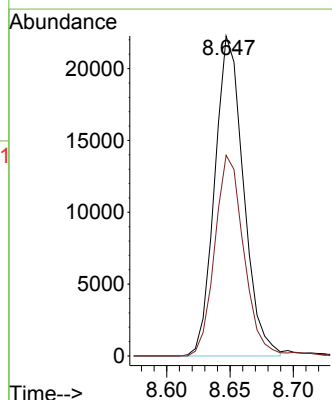
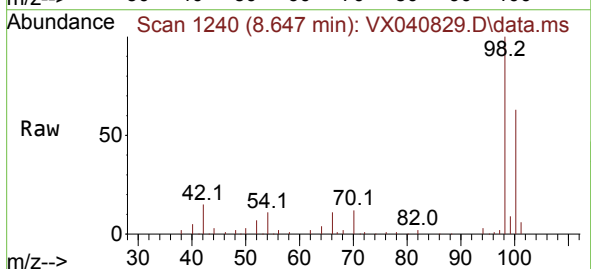
Acq: 28 Mar 2024 17:34

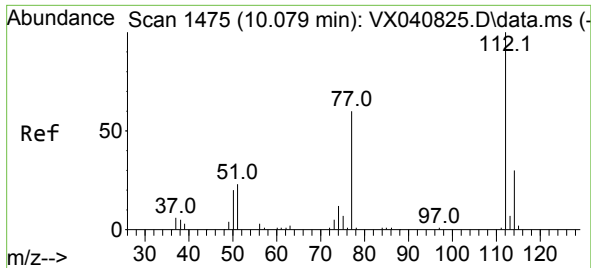
Tgt Ion: 98 Resp: 35164

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.4

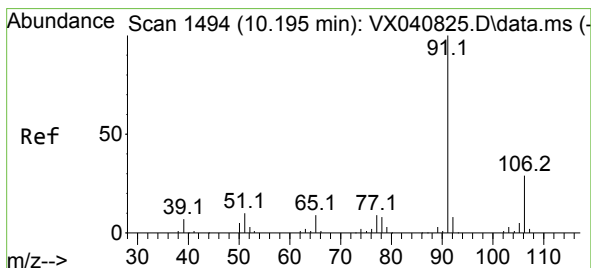
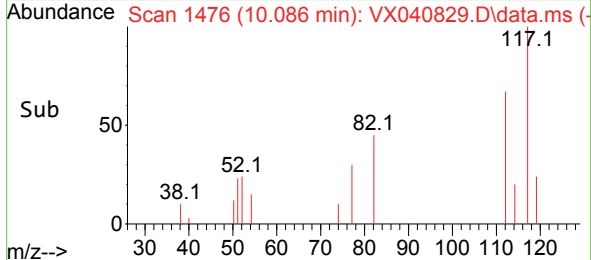
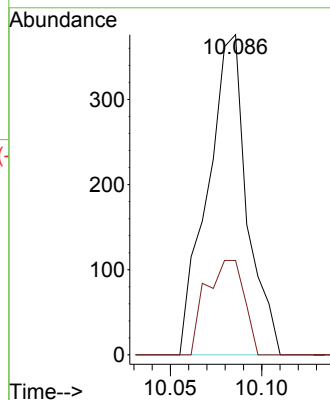
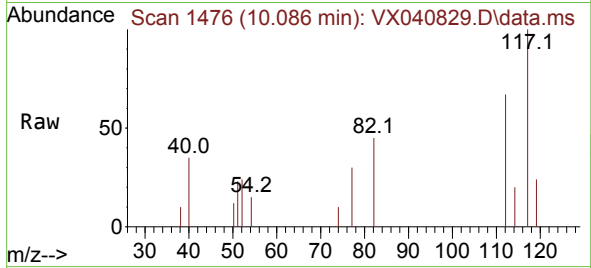




#64
Chlorobenzene
Concen: 0.442 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

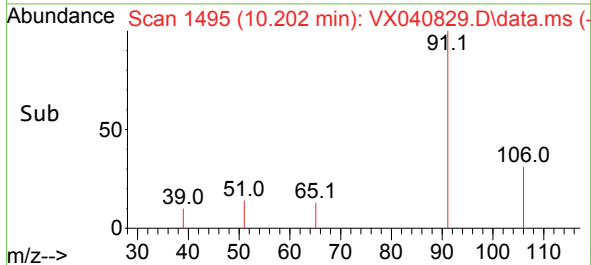
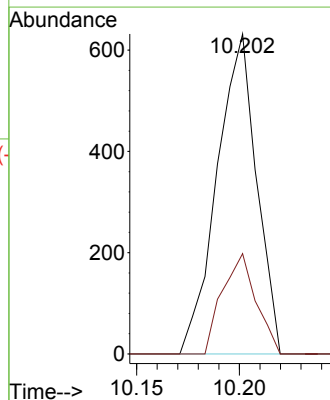
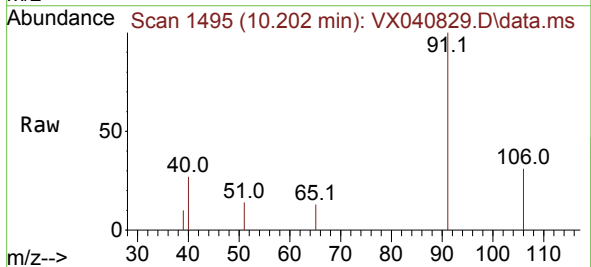
Instrument :
MSVOA_X
ClientSampleId :
IBLK

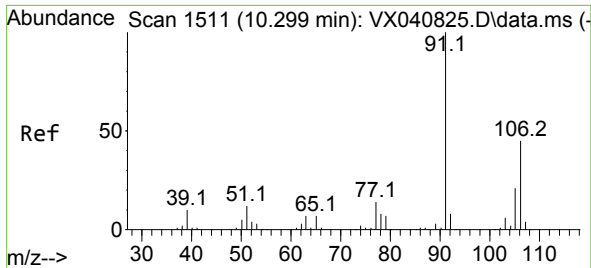
Tgt Ion:112 Resp: 565
Ion Ratio Lower Upper
112 100
114 29.5 25.9 38.9



#66
Ethyl Benzene
Concen: 0.364 ug/l
RT: 10.202 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 91 Resp: 846
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6

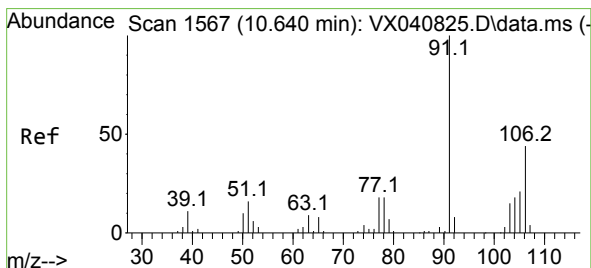
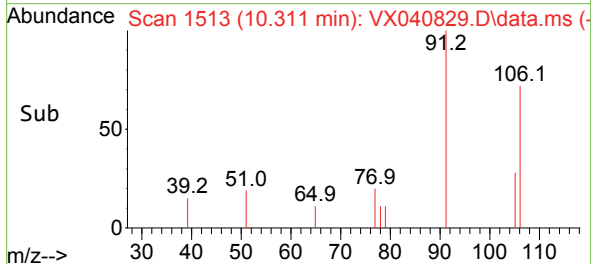
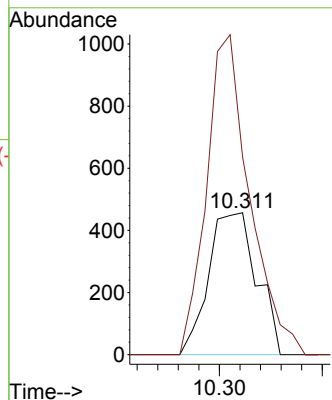
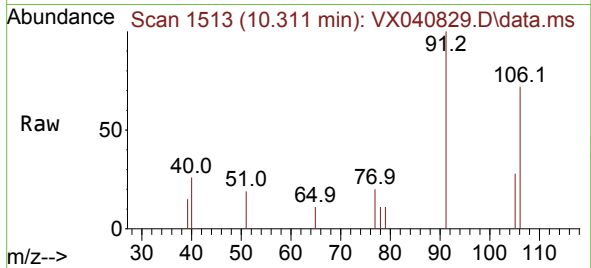




#67
m/p-Xylenes
Concen: 0.876 ug/l
RT: 10.311 min Scan# 1511
Delta R.T. 0.012 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

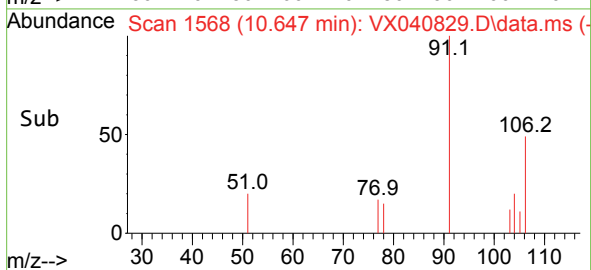
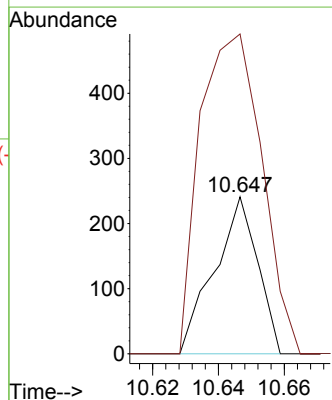
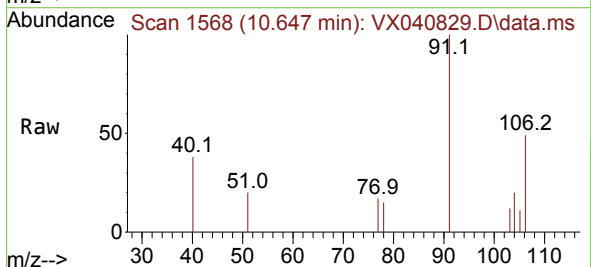
Instrument :
MSVOA_X
ClientSampleId :
IBLK

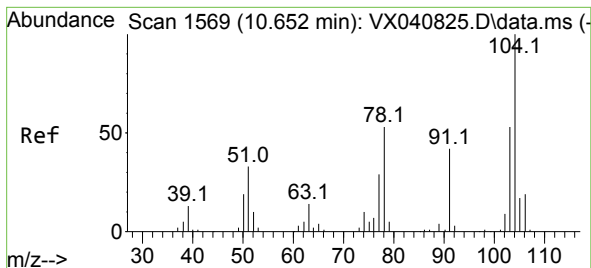
Tgt Ion:106 Resp: 748
Ion Ratio Lower Upper
106 100
91 200.7 169.4 254.0



#68
o-Xylene
Concen: 0.275 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion:106 Resp: 221
Ion Ratio Lower Upper
106 100
91 290.0 111.2 333.6





#69

Styrene

Concen: 0.353 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

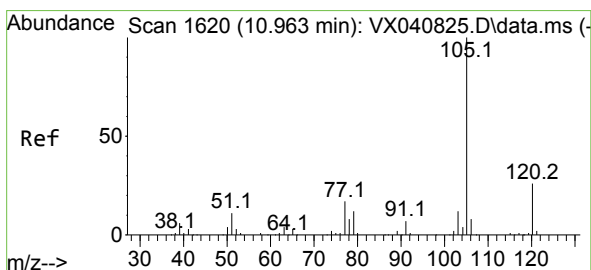
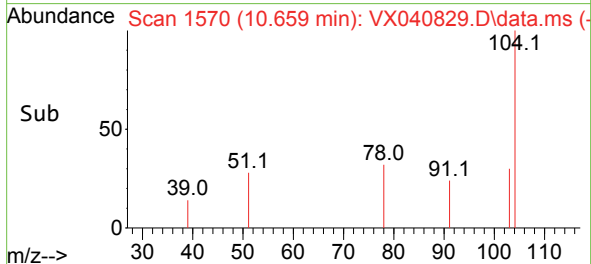
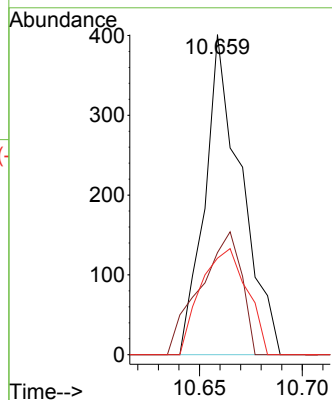
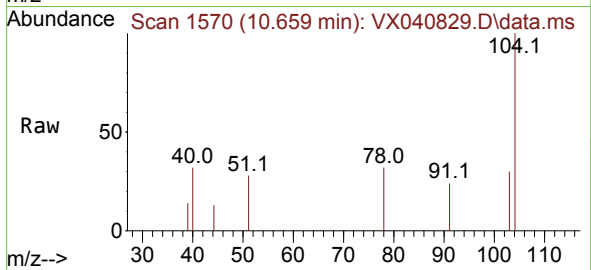
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:104	Resp:	493
Ion	Ratio	Lower Upper
104	100	
78	44.0	43.7 65.5
103	42.2	44.6 67.0#



#70

Isopropylbenzene

Concen: 0.424 ug/l

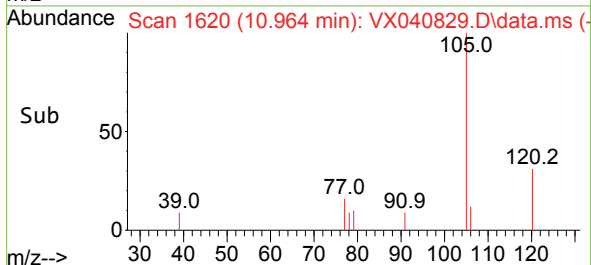
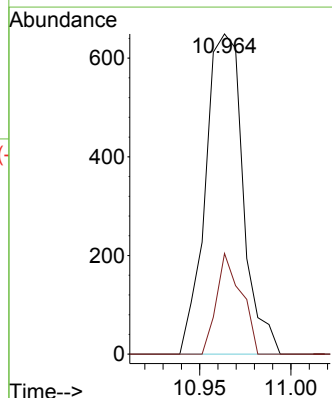
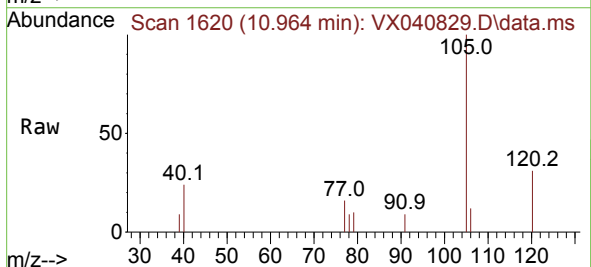
RT: 10.964 min Scan# 1620

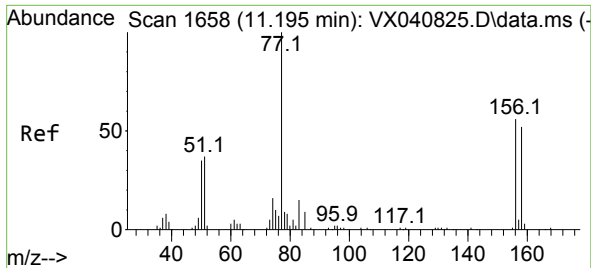
Delta R.T. 0.000 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Tgt Ion:105	Resp:	929
Ion	Ratio	Lower Upper
105	100	
120	20.9	18.5 34.3

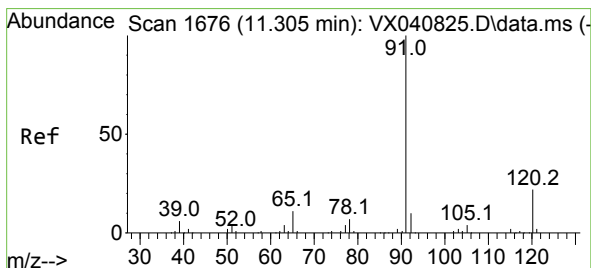
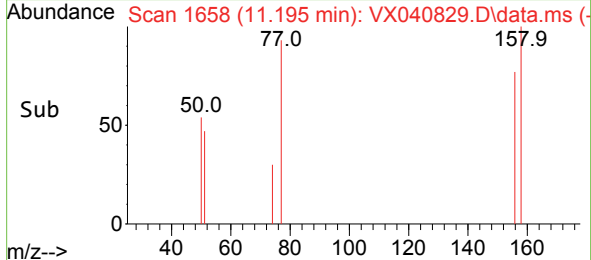
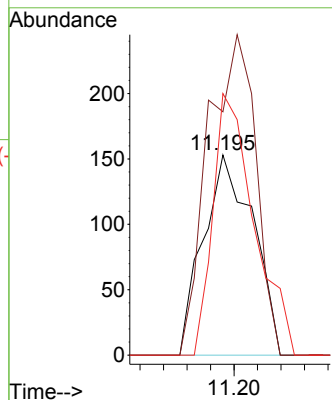
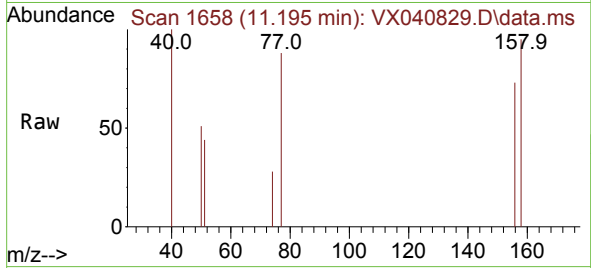




#73
Bromobenzene
Concen: 0.432 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

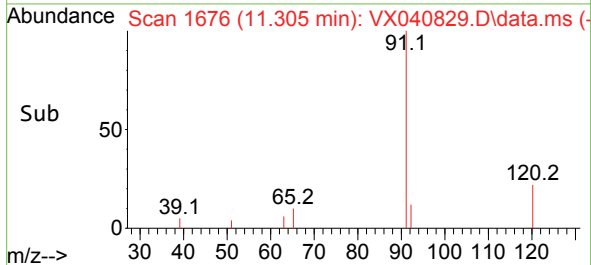
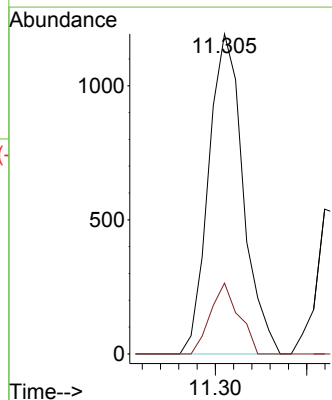
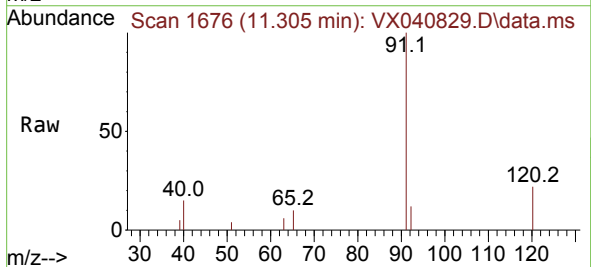
Instrument :
MSVOA_X
ClientSampleId :
IBLK

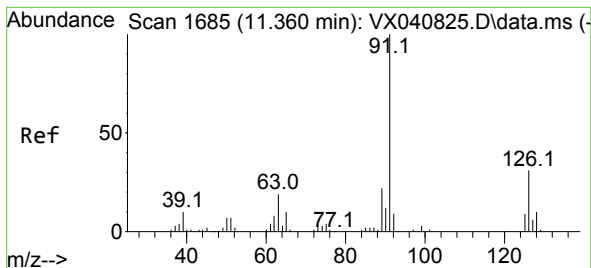
Tgt Ion:156 Resp: 226
Ion Ratio Lower Upper
156 100
77 153.1 0.0 363.2
158 108.0 0.0 197.8



#74
n-propylbenzene
Concen: 0.573 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 91 Resp: 1567
Ion Ratio Lower Upper
91 100
120 18.1 0.0 43.4





#75

2-Chlorotoluene

Concen: 0.488 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

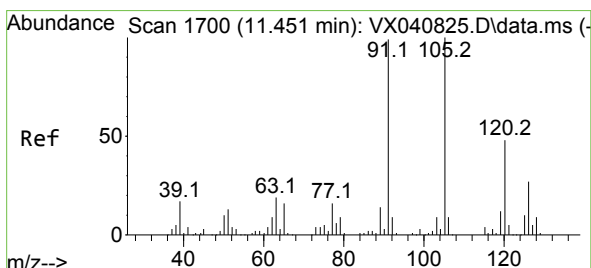
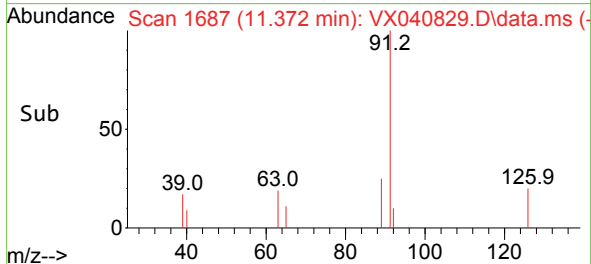
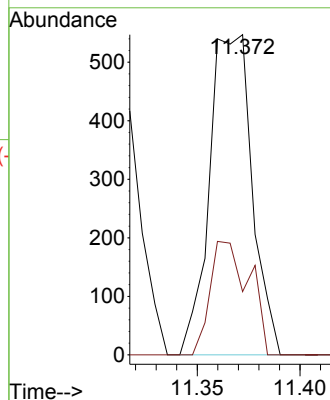
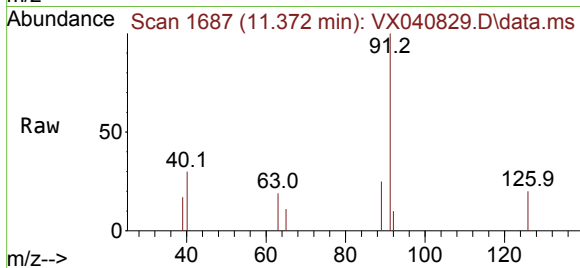
IBLK

Tgt Ion: 91 Resp: 790

Ion Ratio Lower Upper

91 100

126 32.4 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 0.445 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040829.D

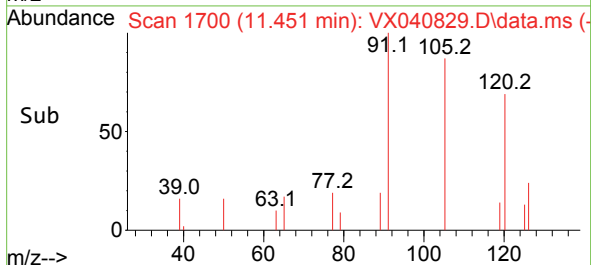
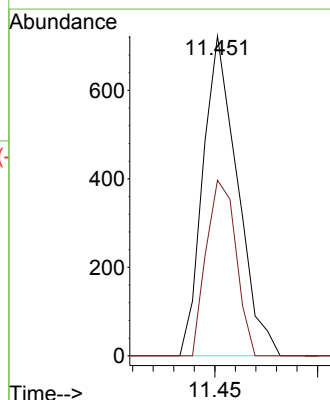
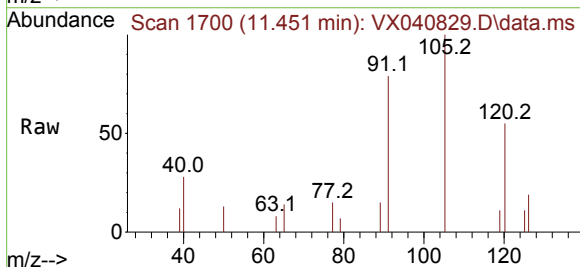
Acq: 28 Mar 2024 17:34

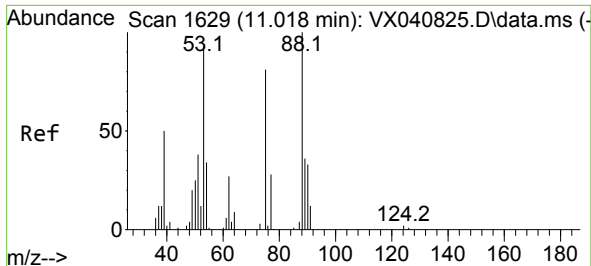
Tgt Ion: 105 Resp: 845

Ion Ratio Lower Upper

105 100

120 47.2 0.0 92.6





#77

t-1,4-Dichloro-2-butene

Concen: 43.186 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

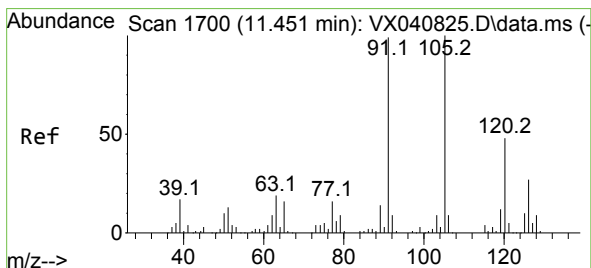
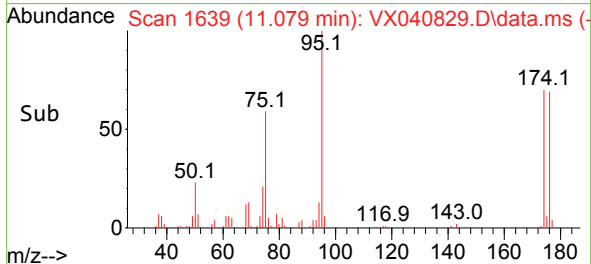
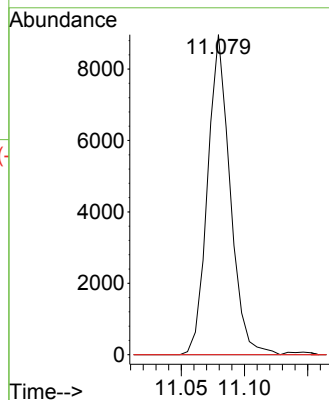
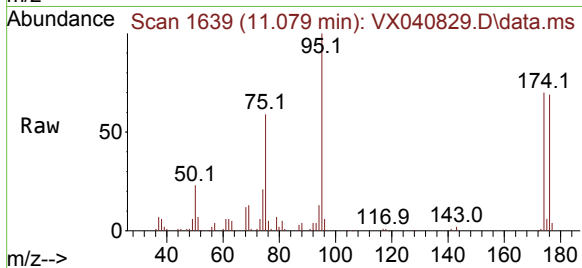
Tgt Ion: 75 Resp: 11074

Ion Ratio Lower Upper

75 100

53 0.0 46.9 140.8#

89 0.0 21.3 63.7#



#78

4-Chlorotoluene

Concen: 0.574 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX040829.D

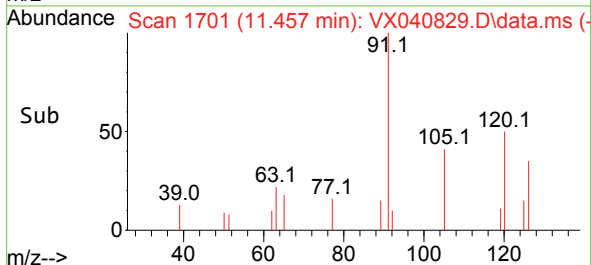
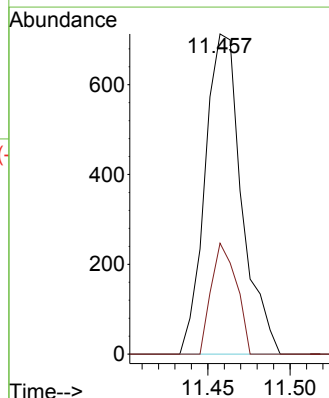
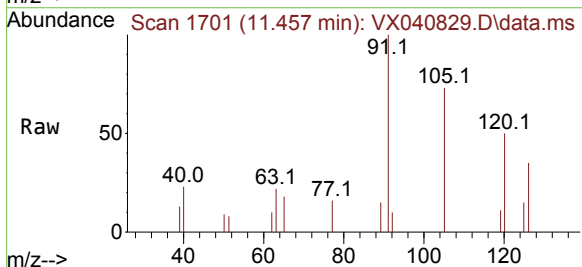
Acq: 28 Mar 2024 17:34

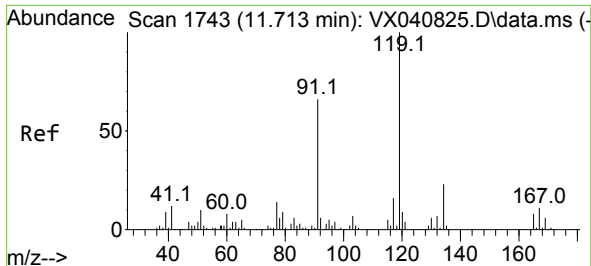
Tgt Ion: 91 Resp: 1104

Ion Ratio Lower Upper

91 100

126 23.8 0.0 57.4

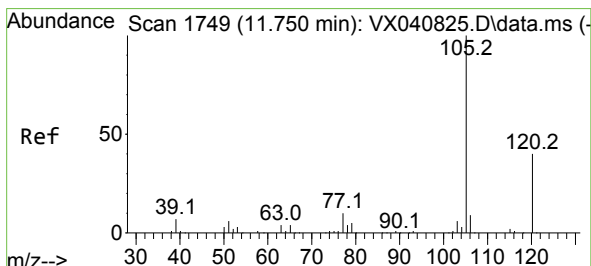
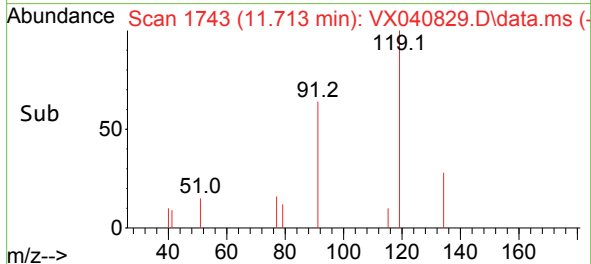
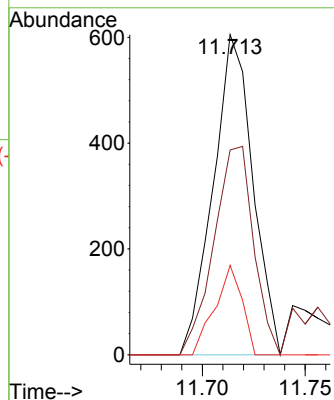
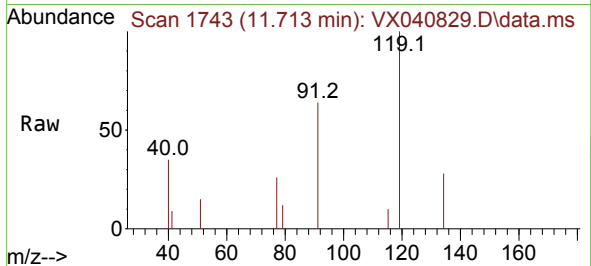




#79
tert-butylbenzene
Concen: 0.444 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

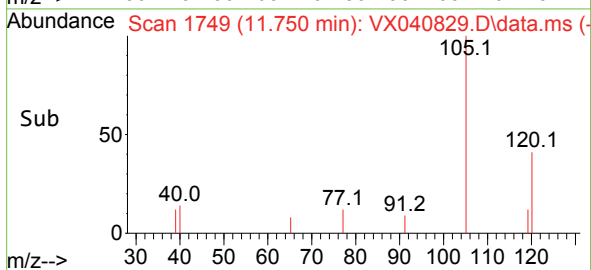
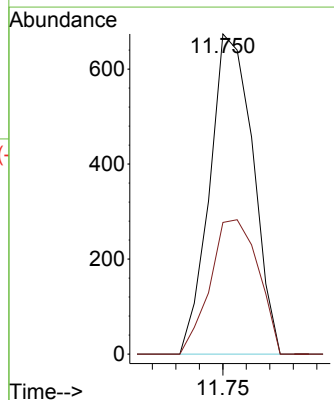
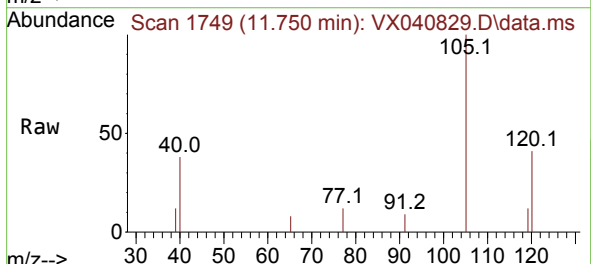
Instrument :
MSVOA_X
ClientSampleId :
IBLK

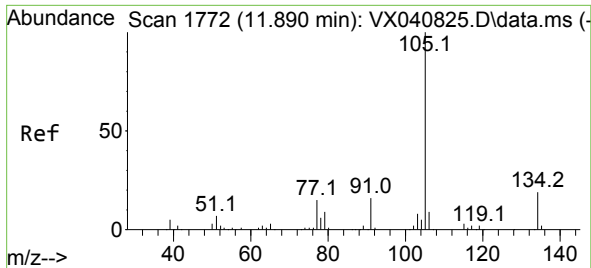
Tgt Ion:119 Resp: 810
Ion Ratio Lower Upper
119 100
91 65.4 0.0 125.6
134 19.1 0.0 43.8



#80
1,2,4-Trimethylbenzene
Concen: 0.457 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion:105 Resp: 859
Ion Ratio Lower Upper
105 100
120 46.9 0.0 86.4

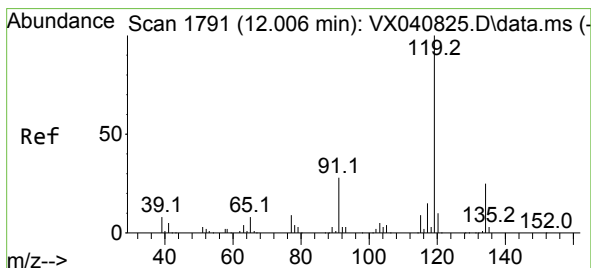
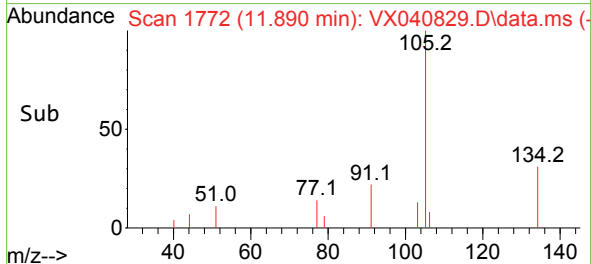
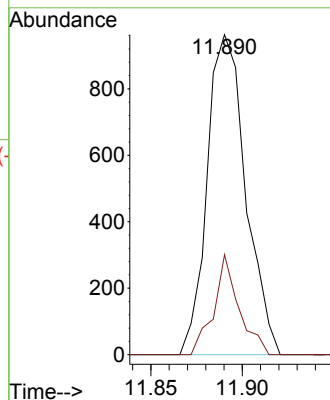
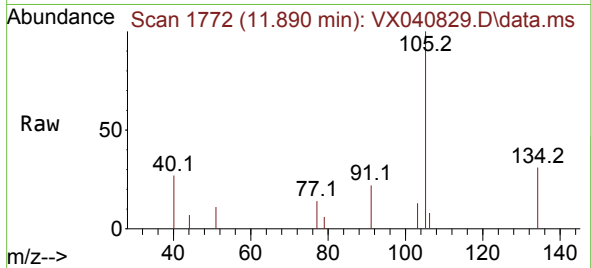




#81
 sec-Butylbenzene
 Concen: 0.602 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

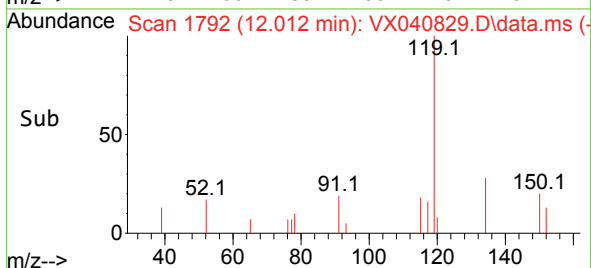
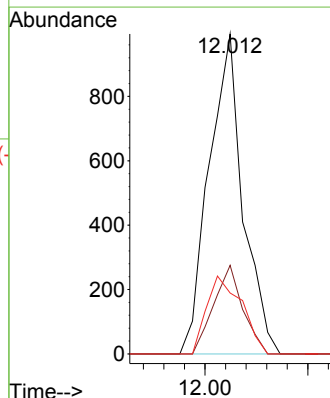
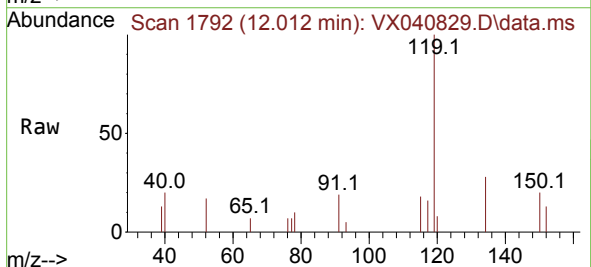
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

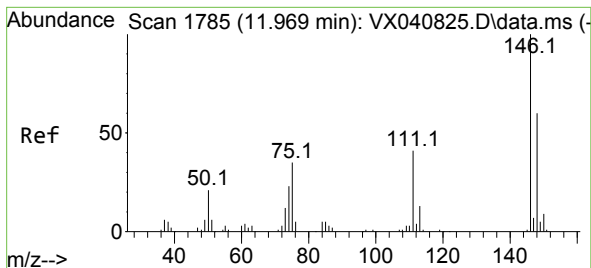
Tgt Ion:105 Resp: 1410
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 0.573 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

Tgt Ion:119 Resp: 1136
 Ion Ratio Lower Upper
 119 100
 134 23.9 0.0 52.6
 91 25.4 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 0.728 ug/l

RT: 11.976 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

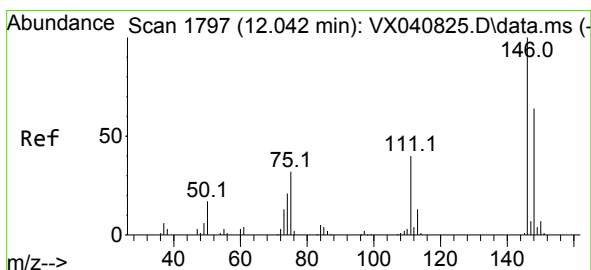
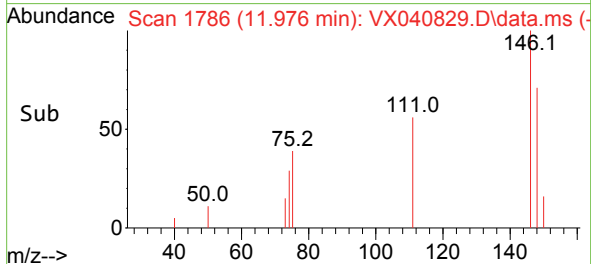
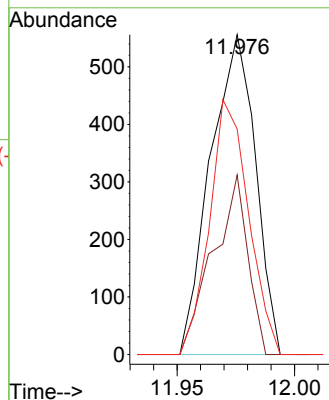
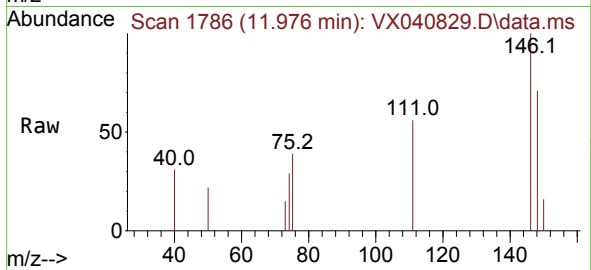
Tgt Ion:146 Resp: 739

Ion Ratio Lower Upper

146 100

111 43.4 22.3 66.9

148 69.3 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 0.799 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

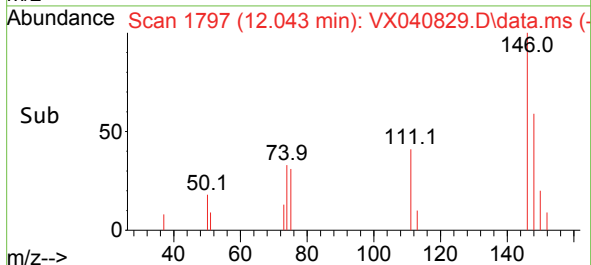
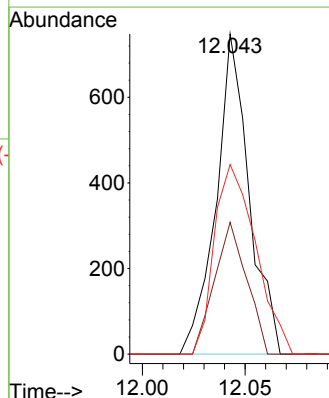
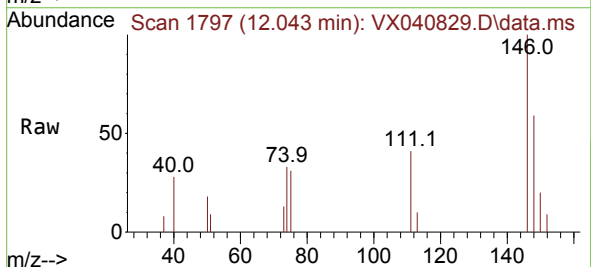
Tgt Ion:146 Resp: 836

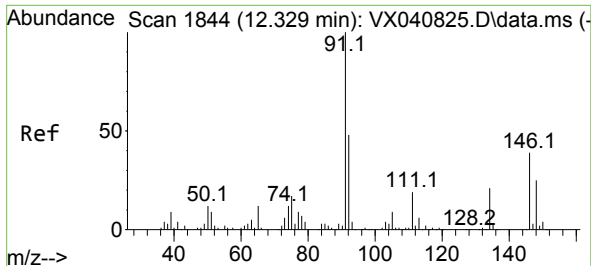
Ion Ratio Lower Upper

146 100

111 40.2 21.4 64.2

148 74.3 31.8 95.4

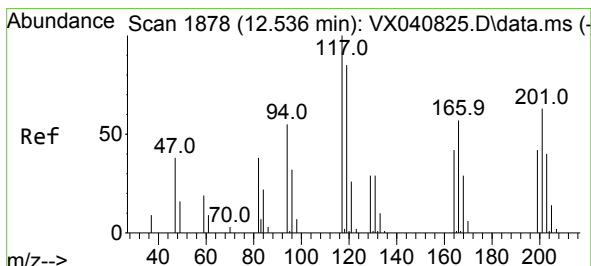
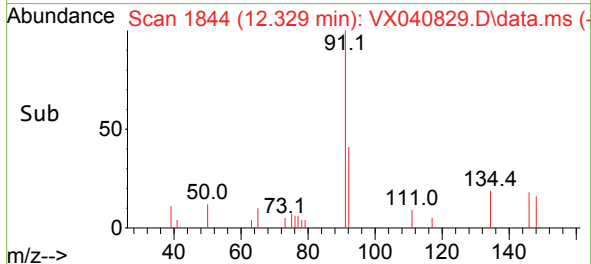
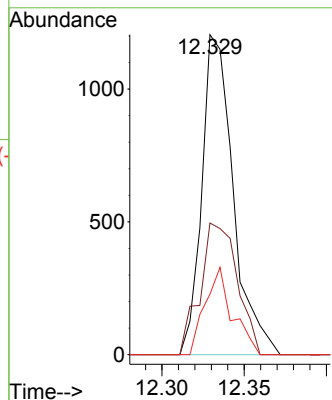
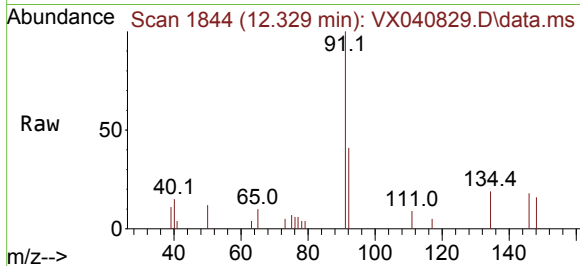




#85
n-Butylbenzene
Concen: 0.811 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

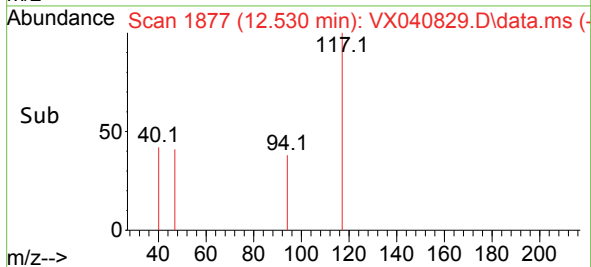
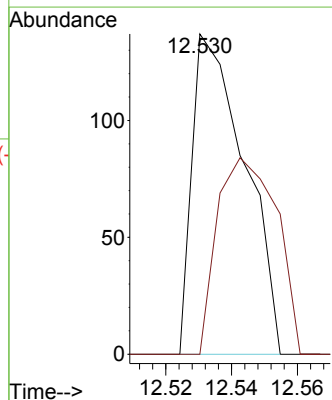
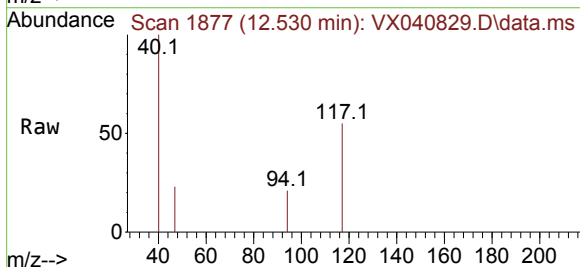
Instrument :
MSVOA_X
ClientSampleId :
IBLK

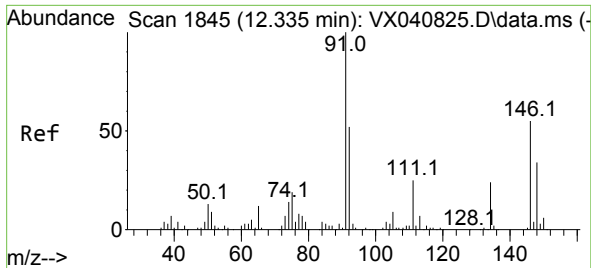
Tgt Ion: 91 Resp: 1598
Ion Ratio Lower Upper
91 100
92 48.9 0.0 106.2
134 23.7 0.0 48.8



#86
Hexachloroethane
Concen: 0.429 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 117 Resp: 151
Ion Ratio Lower Upper
117 100
201 69.5 31.8 95.3

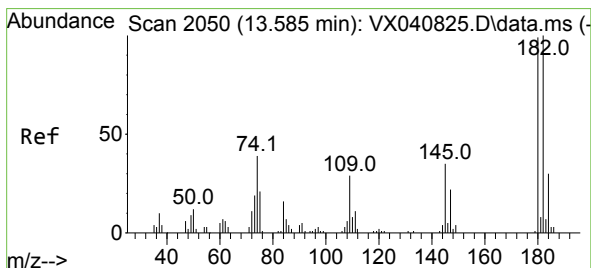
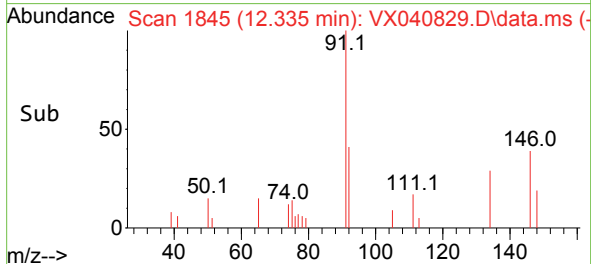
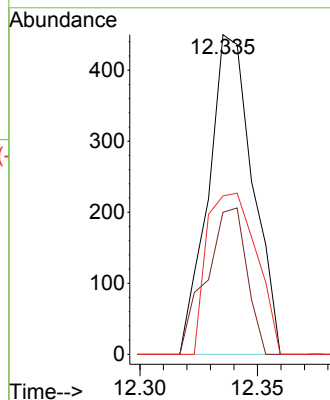
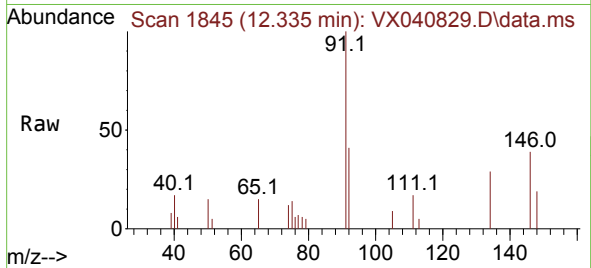




#87
 1,2-Dichlorobenzene
 Concen: 0.602 ug/l
 RT: 12.335 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

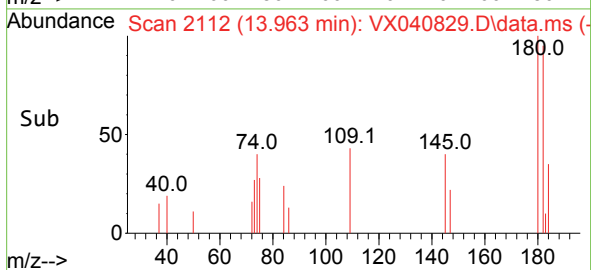
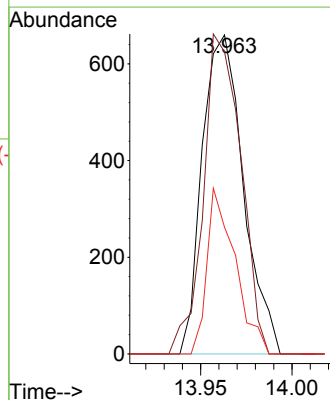
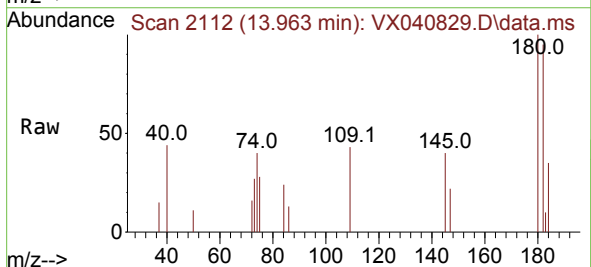
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

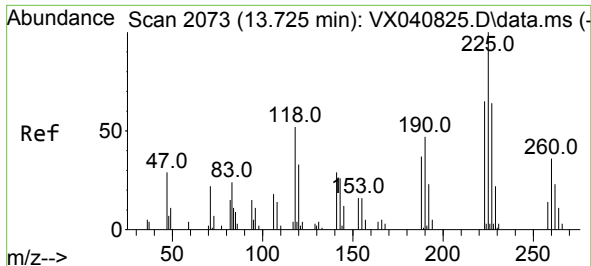
Tgt Ion:146	Resp:	591
Ion Ratio	Lower	Upper
146	100	
111	41.8	22.4 67.2
148	56.5	31.9 95.7



#89
 1,2,4-Trichlorobenzene
 Concen: 1.513 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.378 min
 Lab File: VX040829.D
 Acq: 28 Mar 2024 17:34

Tgt Ion:180	Resp:	1036
Ion Ratio	Lower	Upper
180	100	
182	91.2	74.5 111.7
145	35.4	26.6 40.0

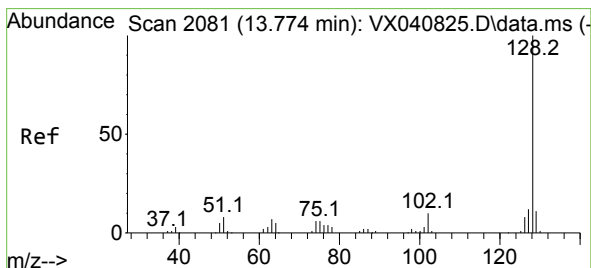
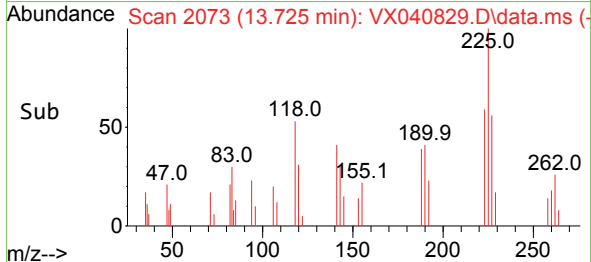
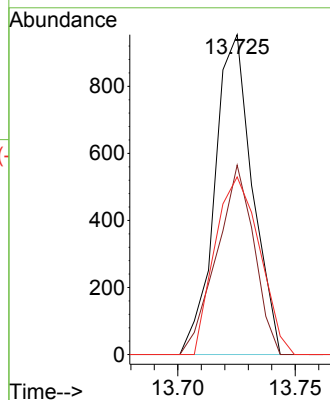
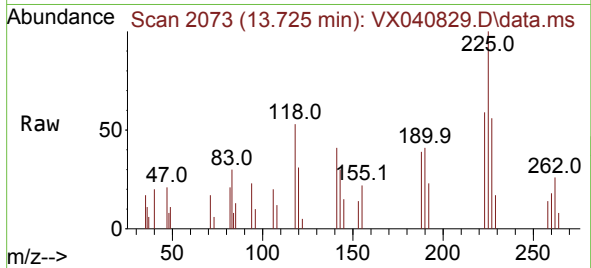




#90
Hexachlorobutadiene
Concen: 4.134 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

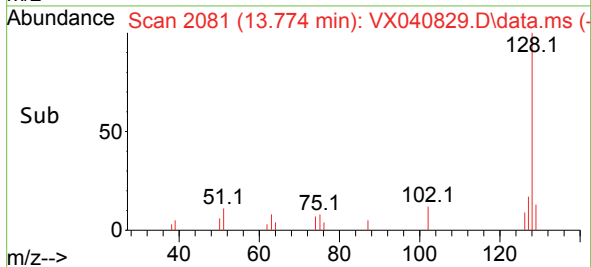
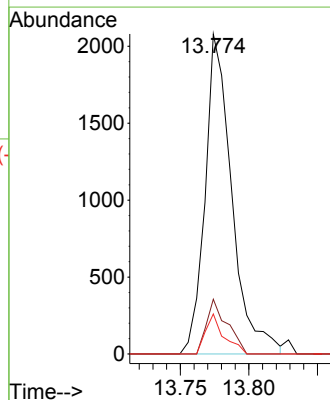
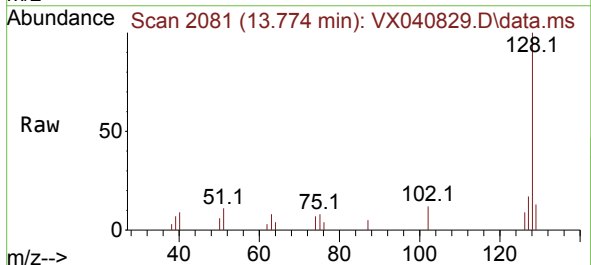
Instrument :
MSVOA_X
ClientSampleId :
IBLK

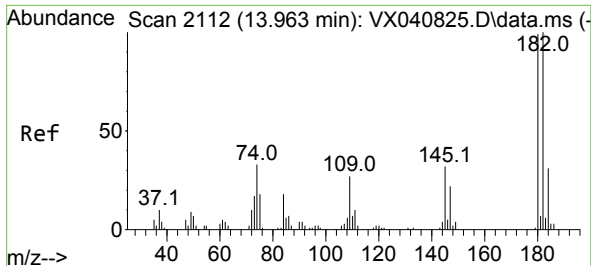
Tgt Ion:225 Resp: 1062
Ion Ratio Lower Upper
225 100
223 58.7 0.0 124.4
227 66.2 0.0 124.4



#91
Naphthalene
Concen: 1.236 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion:128 Resp: 2831
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 8.5 8.6 12.8#





#92

1,2,3-Trichlorobenzene

Concen: 1.587 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040829.D

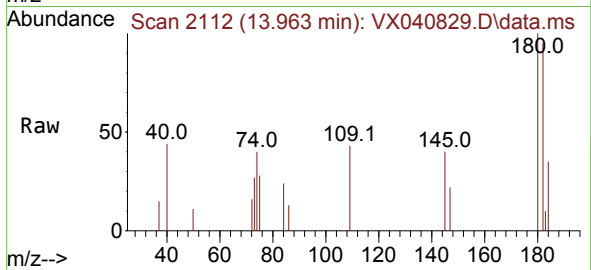
Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 1036

Ion Ratio Lower Upper

180 100

182 91.2 0.0 191.6

145 35.4 0.0 69.6

