

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038059.D
 Acq On : 04 Oct 2023 12:51
 Operator : JC/MD
 Sample : 04566-07MEDL 5X
 Misc : 5.37g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79727	45.564	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.120%
35) Dibromofluoromethane	5.385	113	60440	45.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	8.647	98	246390	47.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	101223	54.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.240%

Target Compounds			Qvalue			
3) Chloromethane	1.294	50	352	0.239	ug/l #	43
5) Bromomethane	1.593	94	634	0.362	ug/l #	77
10) Methyl Iodide	2.453	142	539	0.457	ug/l #	91
11) Tert butyl alcohol	2.940	59	3670	9.337	ug/l #	78
15) Acrylonitrile	3.081	53	553	0.677	ug/l #	53
16) Acetone	2.386	43	796	1.036	ug/l	99
17) Carbon Disulfide	2.508	76	1946	0.646	ug/l #	93
18) Methyl Acetate	2.709	43	1646	0.498	ug/l	94
20) Methylene Chloride	2.788	84	1264	0.388	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	290	0.227	ug/l #	73
30) Chloroform	5.166	83	1439	0.552	ug/l #	19
31) Cyclohexane	5.470	56	25591	12.507	ug/l	96
36) 1,1-Dichloropropene	5.550	75	9827	4.966	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11882	6.170	ug/l #	16
39) Methylcyclohexane	7.379	83	80514	34.425	ug/l	94
40) Benzene	6.043	78	29168	5.225	ug/l	93
41) Methacrylonitrile	4.934	41	254	0.228	ug/l #	42
43) Isopropyl Acetate	6.354	43	1555	0.452	ug/l #	64
44) Trichloroethene	7.129	130	305	0.202	ug/l	57
45) 1,2-Dichloropropane	7.373	63	1087	0.765	ug/l #	1
47) Bromodichloromethane	7.775	83	803	0.419	ug/l #	96
48) Methyl methacrylate	7.659	41	5809	3.509	ug/l #	44
51) 4-Methyl-2-Pentanone	8.598	43	3993	1.669	ug/l #	44
52) Toluene	8.720	92	10275	2.844	ug/l	90
55) 1,1,2-Trichloroethane	9.104	97	17246	11.754	ug/l #	21
56) Ethyl methacrylate	9.104	69	4569	2.072	ug/l #	1
59) 2-Hexanone	9.384	43	11973	6.256	ug/l #	31
65) Chlorobenzene	10.079	112	21766	5.282	ug/l	97
67) Ethyl Benzene	10.195	91	140593	18.965	ug/l	99
68) m/p-Xylenes	10.305	106	63653	22.421	ug/l	98
69) o-Xylene	10.640	106	22308	8.274	ug/l	99
70) Styrene	10.646	104	1760	0.395	ug/l #	1
73) Isopropylbenzene	10.963	105	39190	5.537	ug/l	100
74) N-amyl acetate	10.854	43	6587	2.068	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	5104	1.927	ug/l #	31
76) 1,2,3-Trichloropropane	11.079	75	54812	22.690	ug/l #	40

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

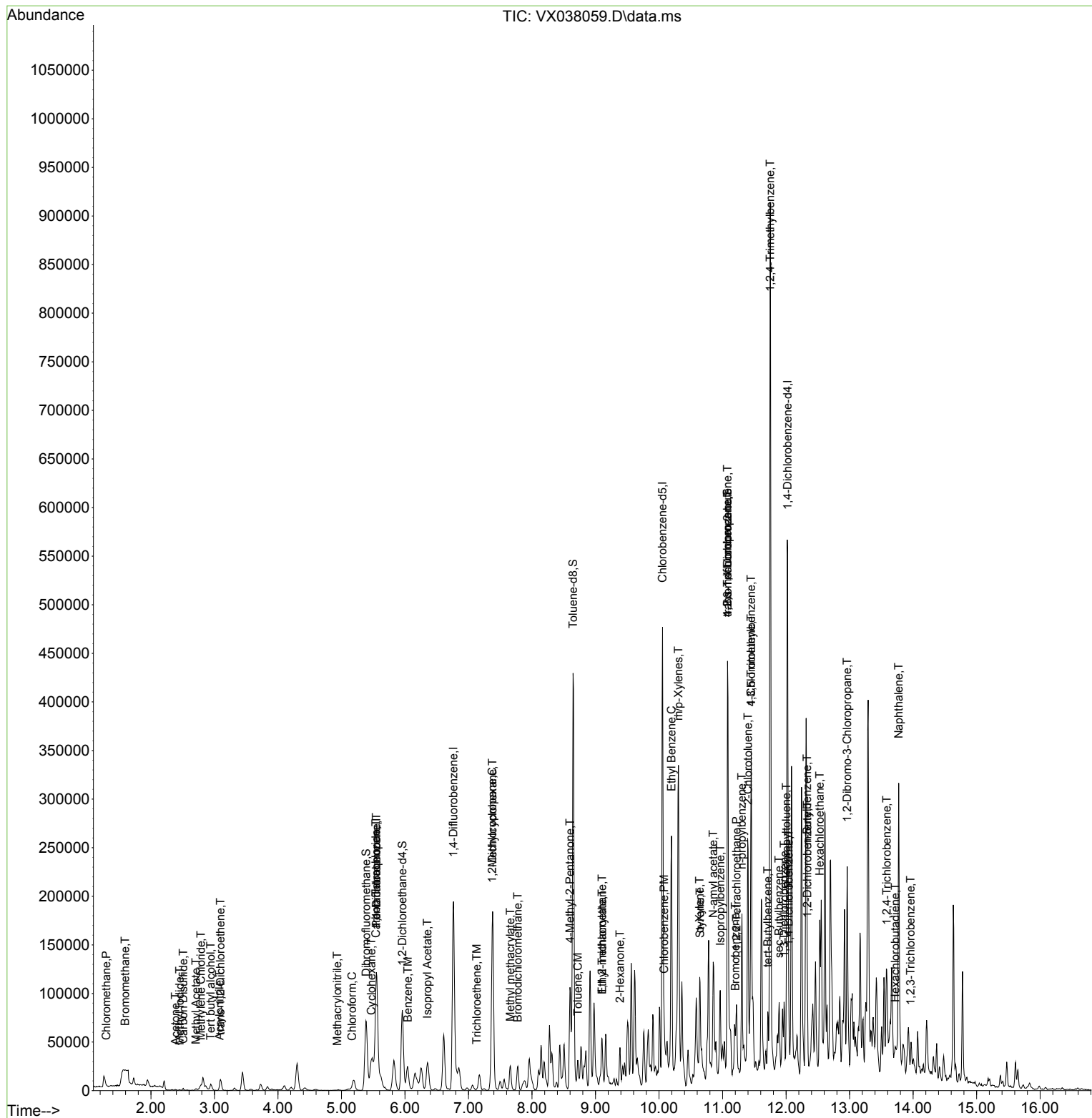
77) Bromobenzene	11.201	156	352	0.203	ug/l	70
78) n-propylbenzene	11.305	91	98893	11.372	ug/l	98
79) 2-Chlorotoluene	11.402	91	15186	3.007	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	129062	21.427	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	54812	76.629	ug/l #	6
82) 4-Chlorotoluene	11.451	91	16703	2.744	ug/l #	53
83) tert-Butylbenzene	11.713	119	2389	0.399	ug/l	75
84) 1,2,4-Trimethylbenzene	11.750	105	372116	61.253	ug/l	98
85) sec-Butylbenzene	11.890	105	20501	2.640	ug/l	97
86) p-Isopropyltoluene	12.006	119	25883	4.070	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1917	0.551	ug/l #	83
88) 1,4-Dichlorobenzene	12.042	146	6394	1.761	ug/l #	74
89) n-Butylbenzene	12.329	91	52454	8.264	ug/l #	36
90) Hexachloroethane	12.530	117	6397	6.172	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	3430	1.036	ug/l #	81
92) 1,2-Dibromo-3-Chloropr...	12.963	75	774	1.284	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.585	180	1553	0.676	ug/l #	1
94) Hexachlorobutadiene	13.719	225	737	0.752	ug/l	93
95) Naphthalene	13.774	128	169011	21.830	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1273	0.573	ug/l #	1

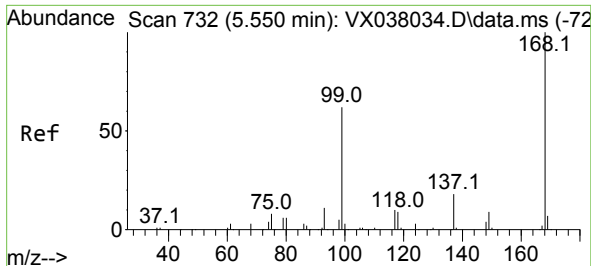
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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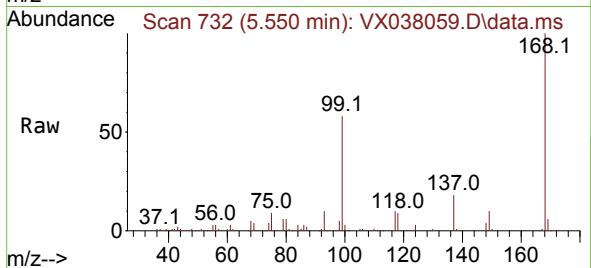
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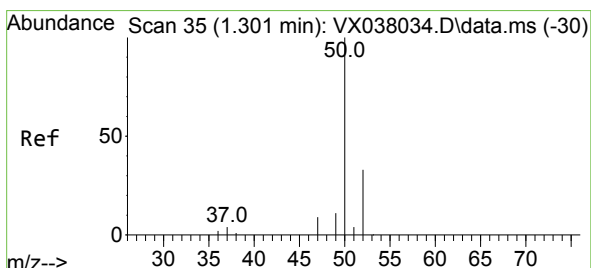
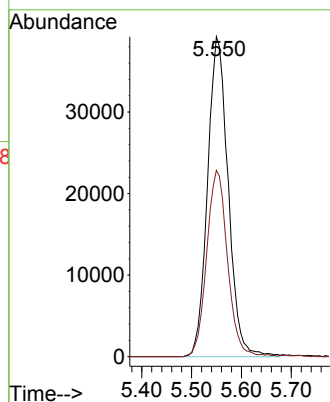
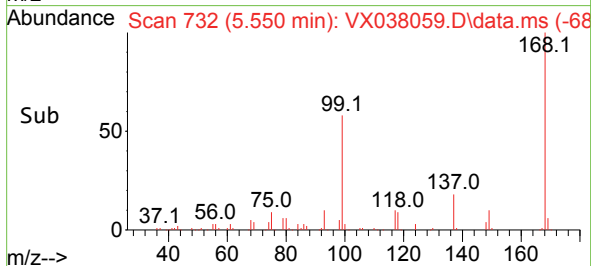


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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Instrument :
MSVOA_X
ClientSampleId :

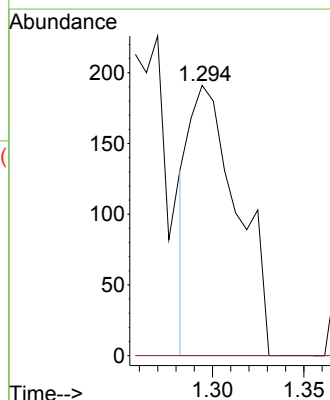
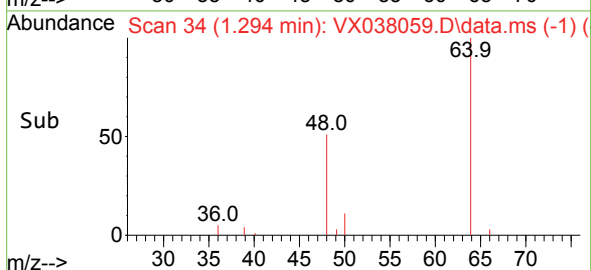
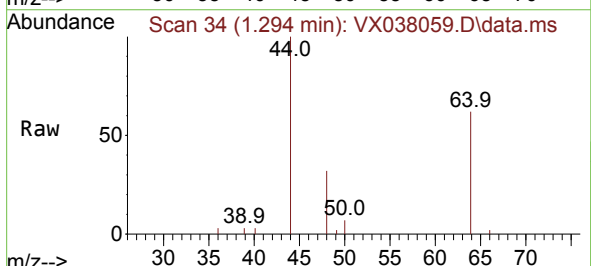


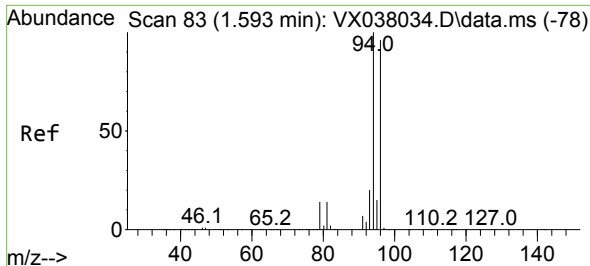
Tgt Ion:168 Resp: 112456
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

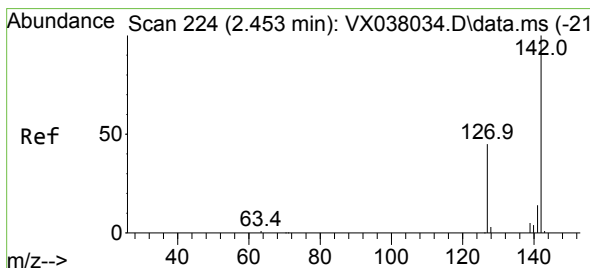
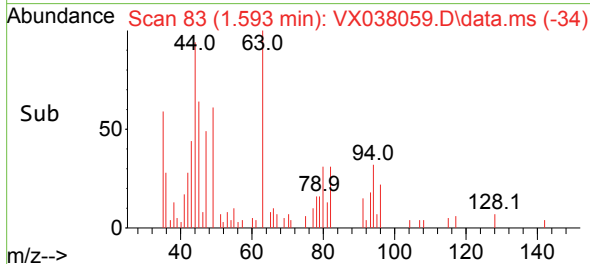
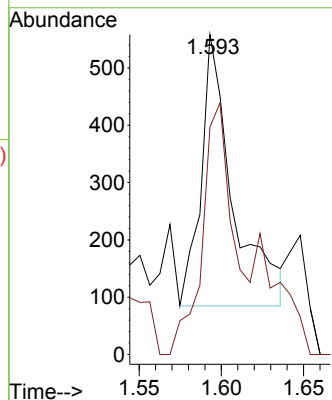
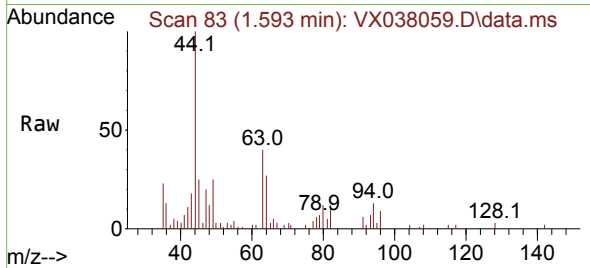




#5
Bromomethane
Concen: 0.362 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

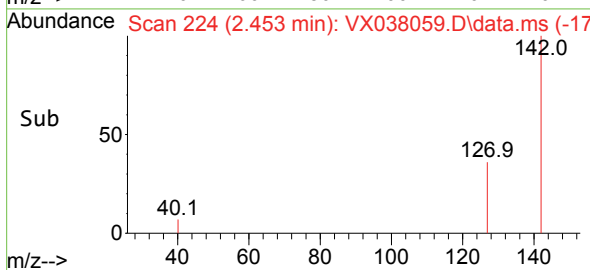
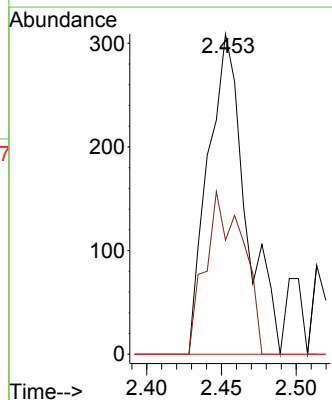
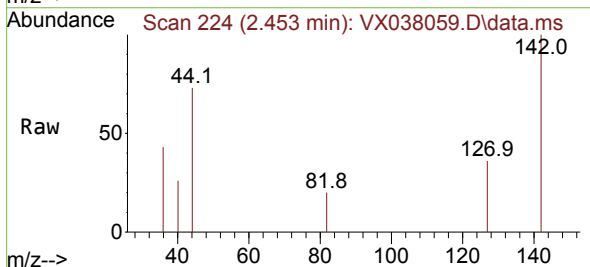
Instrument :
MSVOA_X
ClientSampleId :

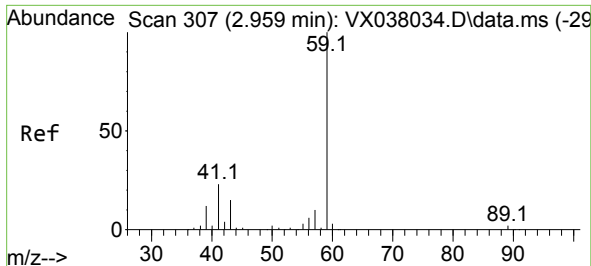
Tgt Ion: 94 Resp: 634
Ion Ratio Lower Upper
94 100
96 71.5 74.6 111.8#



#10
Methyl Iodide
Concen: 0.457 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 142 Resp: 539
Ion Ratio Lower Upper
142 100
127 50.5 41.6 62.4
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 9.337 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.019 min

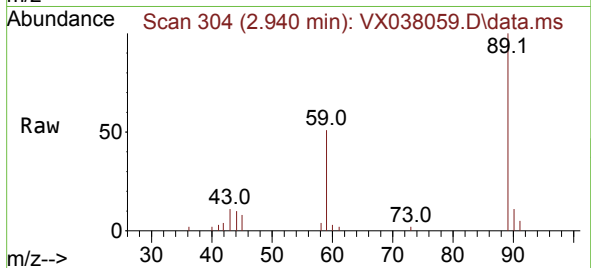
Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

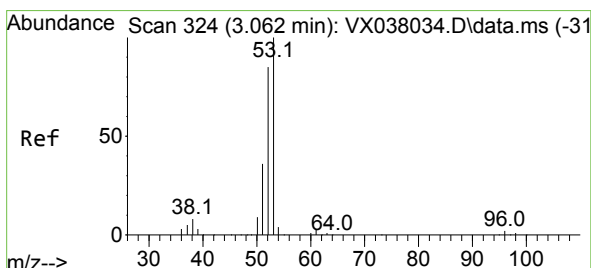
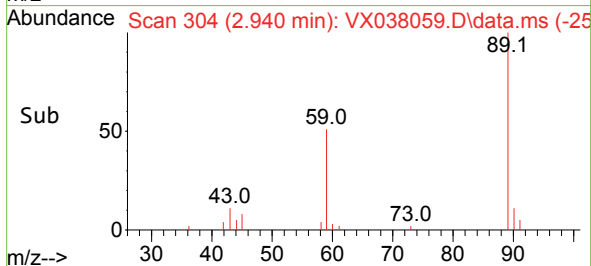
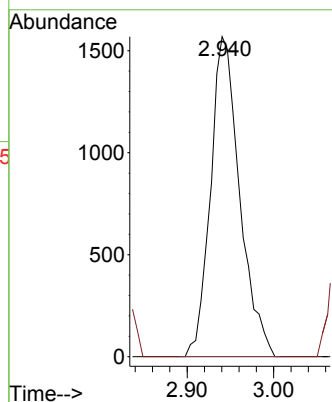


Tgt Ion: 59 Resp: 3670

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#15

Acrylonitrile

Concen: 0.677 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.019 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

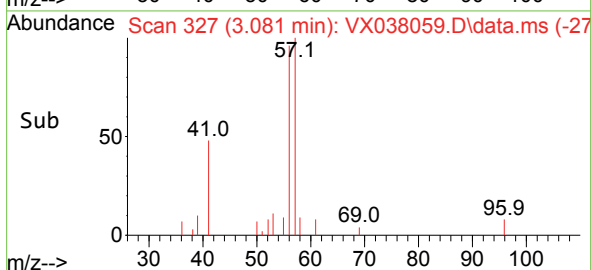
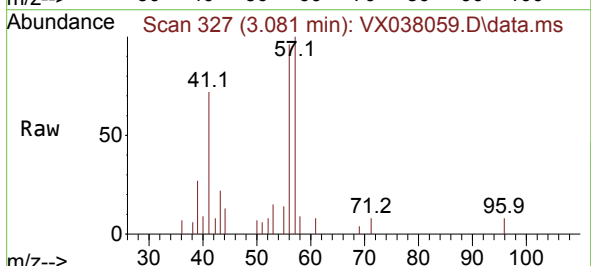
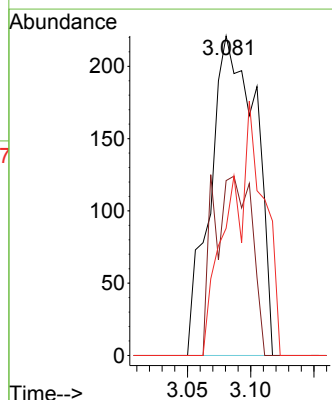
Tgt Ion: 53 Resp: 553

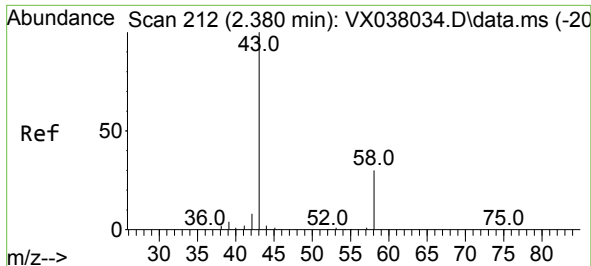
Ion Ratio Lower Upper

53 100

52 47.0 66.0 99.0#

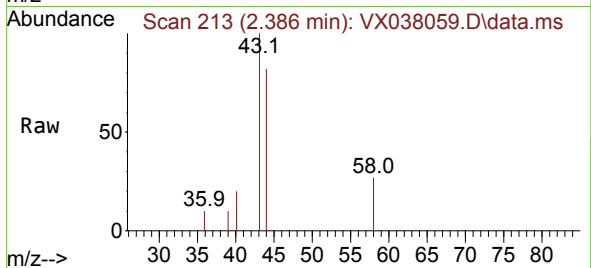
51 0.0 29.8 44.6#



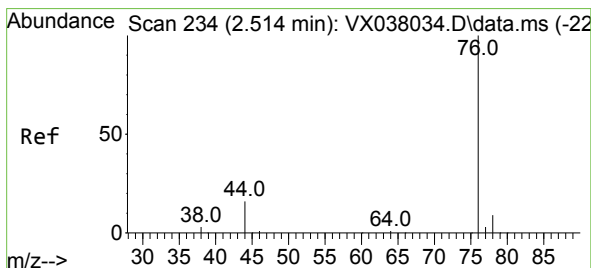
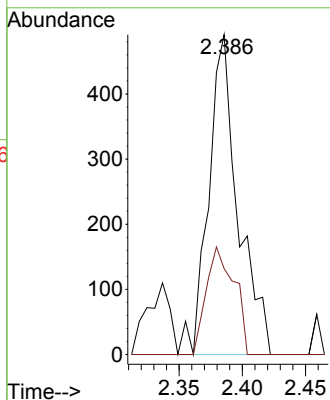
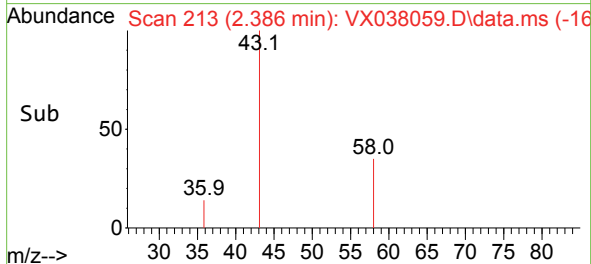


#16
Acetone
Concen: 1.036 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038059.D
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Instrument :
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ClientSampleId :

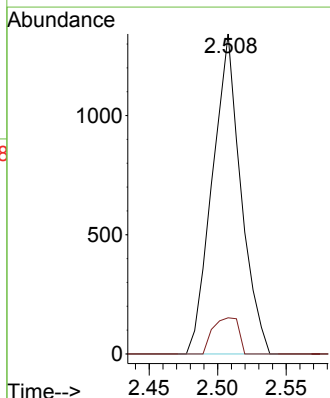
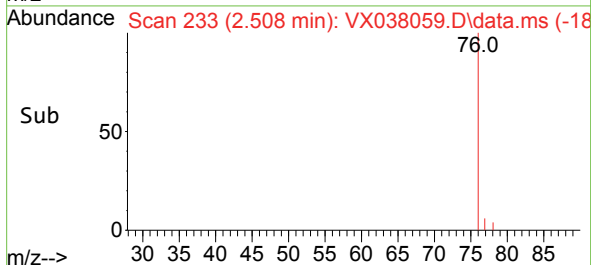
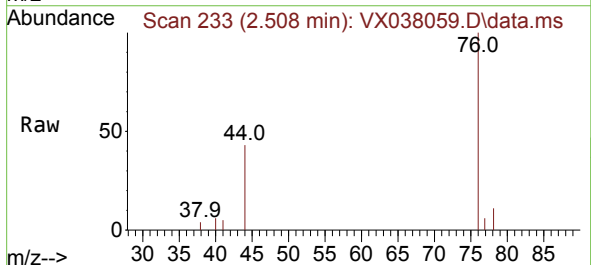


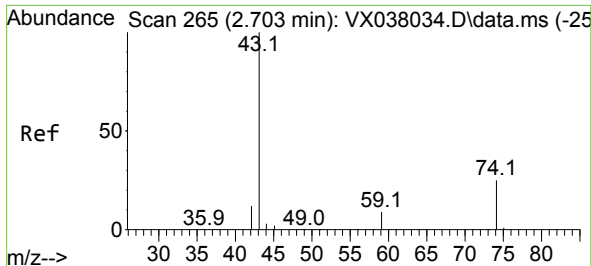
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.646 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 76 Resp: 1946
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#

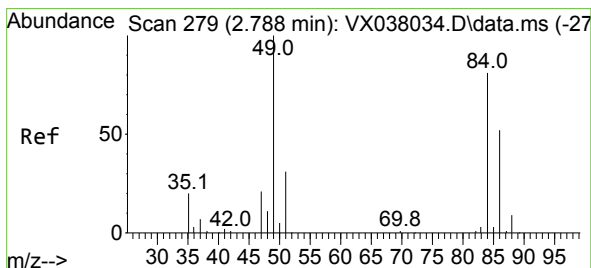
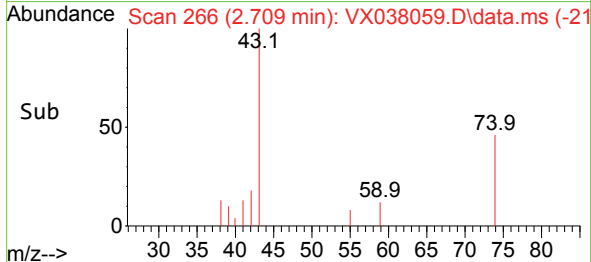
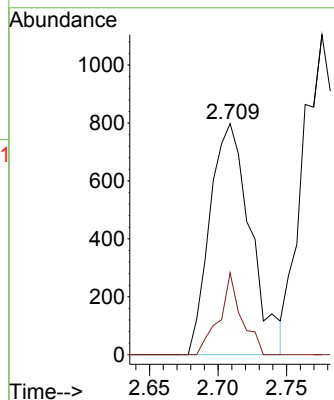
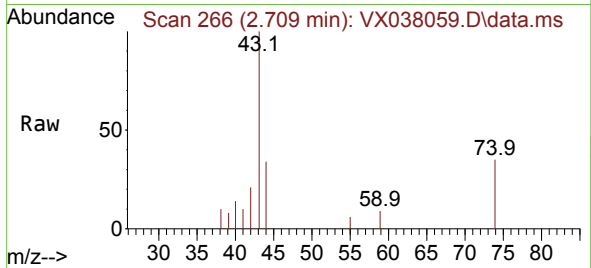




#18
Methyl Acetate
Concen: 0.498 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

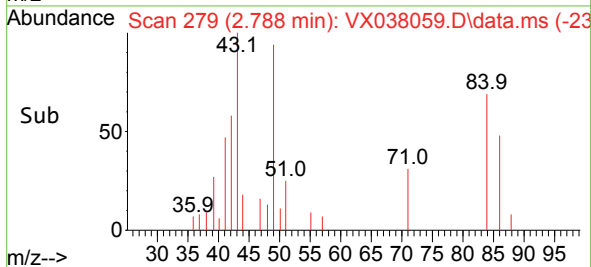
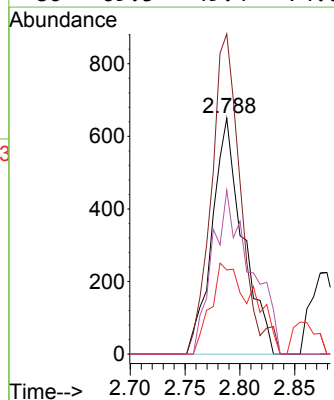
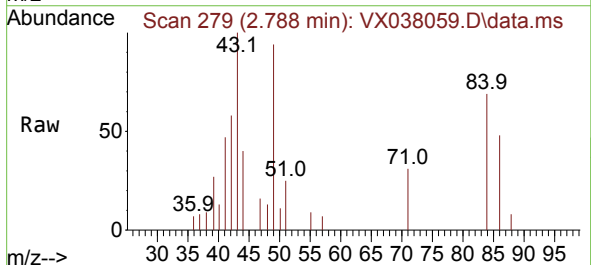
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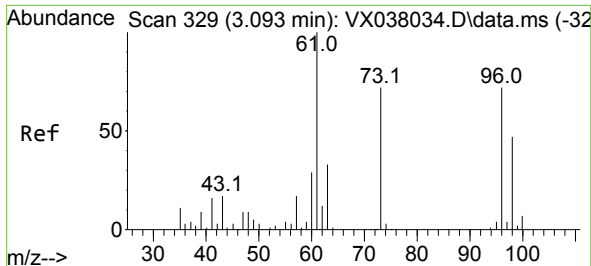
Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
74 19.3 17.8 26.8



#20
Methylene Chloride
Concen: 0.388 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

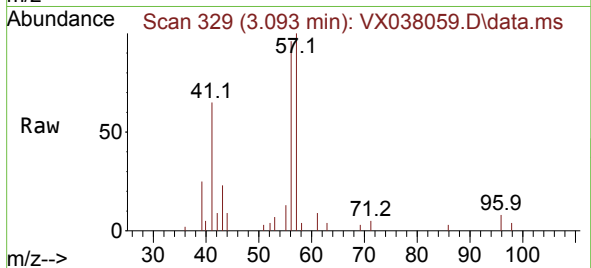
Tgt Ion: 84 Resp: 1264
Ion Ratio Lower Upper
84 100
49 135.7 103.6 155.4
51 35.7 33.8 50.6
86 69.5 49.4 74.0



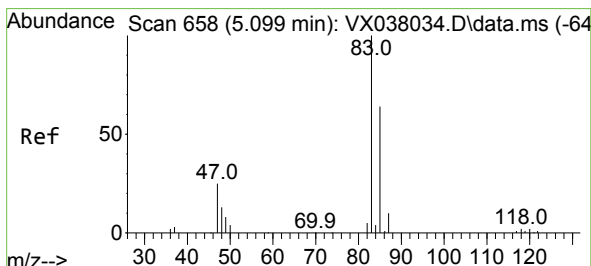
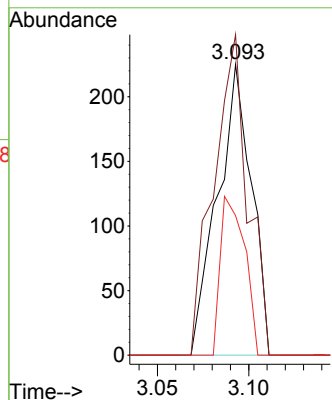
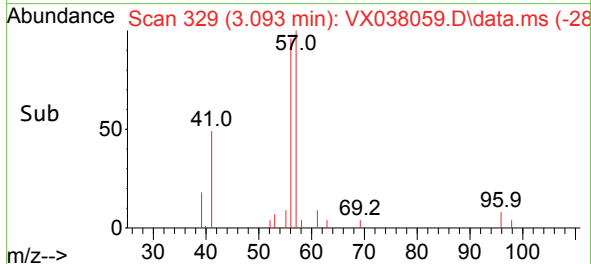


#21
trans-1,2-Dichloroethene
Concen: 0.227 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

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ClientSampleId :

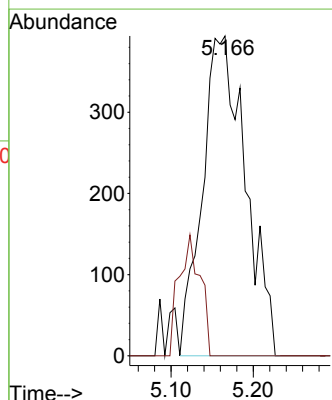
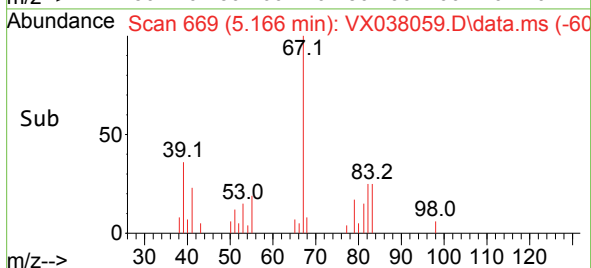
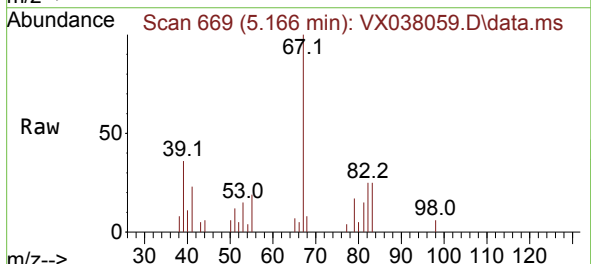


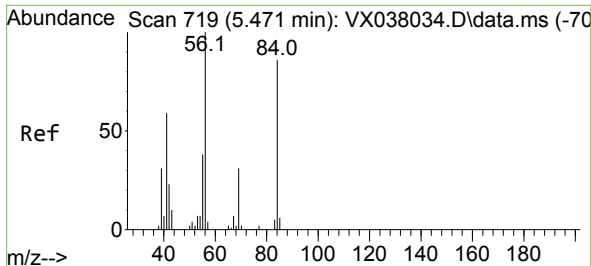
Tgt Ion: 96 Resp: 290
Ion Ratio Lower Upper
96 100
61 110.2 119.2 178.8#
98 48.0 48.7 73.1#



#30
Chloroform
Concen: 0.552 ug/l
RT: 5.166 min Scan# 669
Delta R.T. 0.067 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

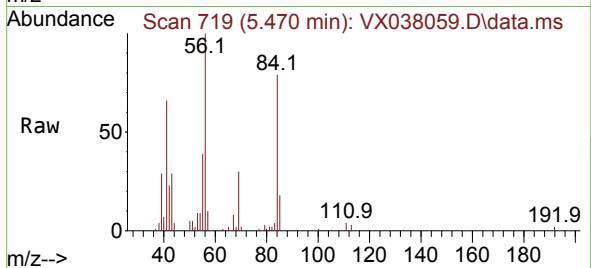
Tgt Ion: 83 Resp: 1439
Ion Ratio Lower Upper
83 100
85 0.0 50.3 75.5#



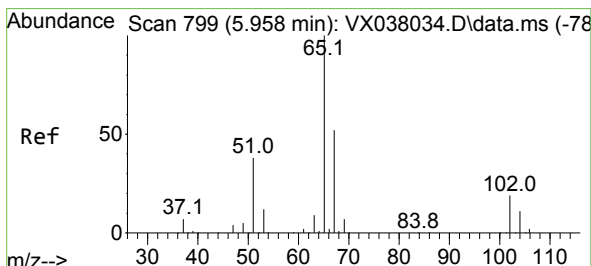
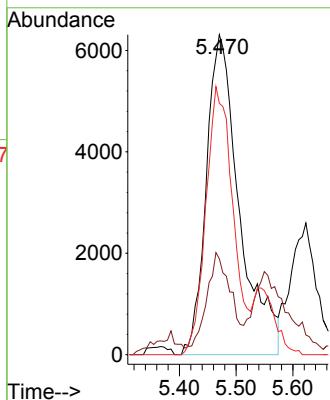
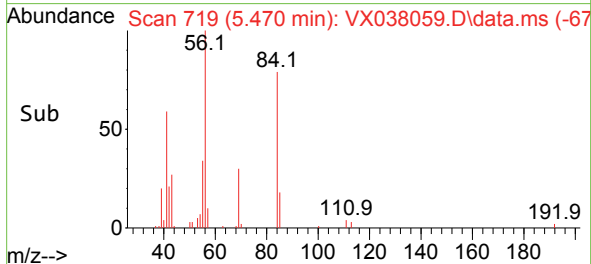


#31
Cyclohexane
Concen: 12.507 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

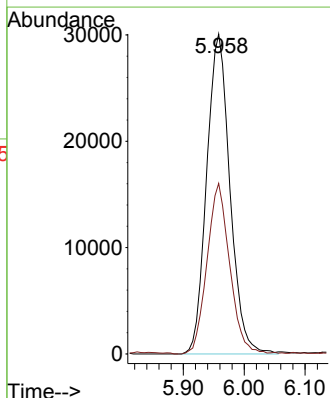
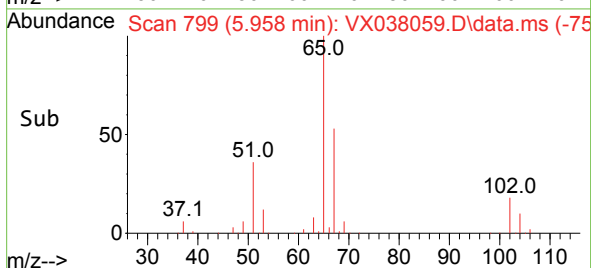
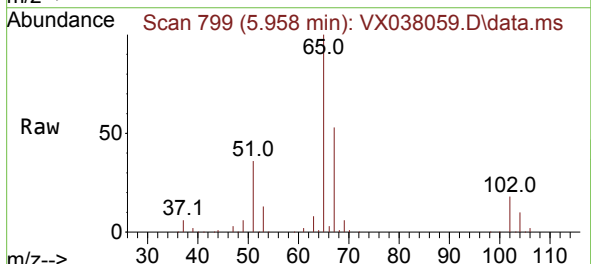


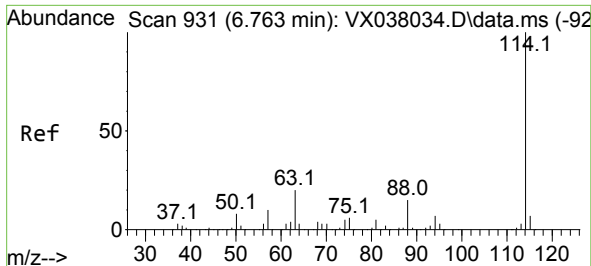
Tgt Ion: 56 Resp: 25591
Ion Ratio Lower Upper
56 100
69 26.7 23.4 35.2
84 78.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.564 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 65 Resp: 79727
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

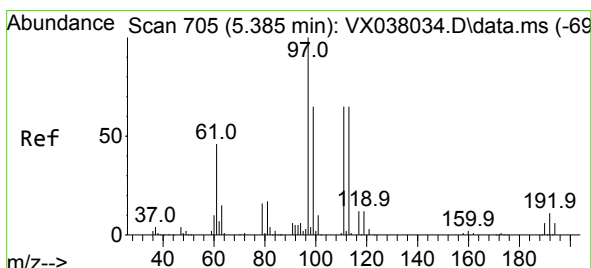
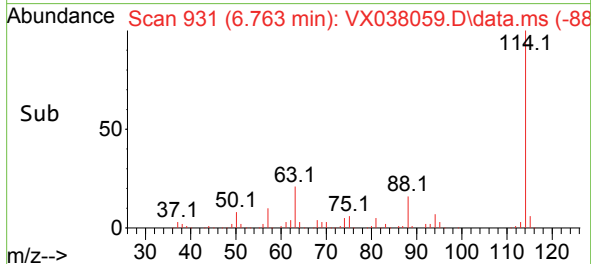
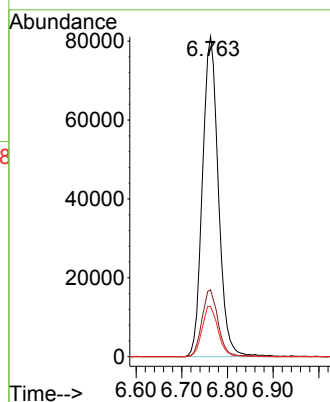
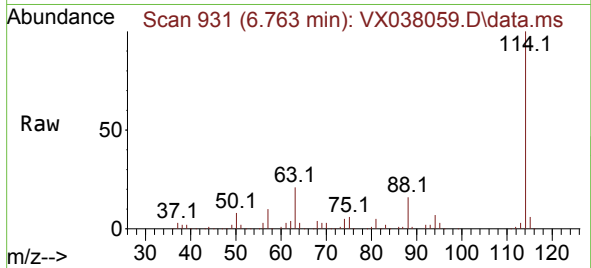




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

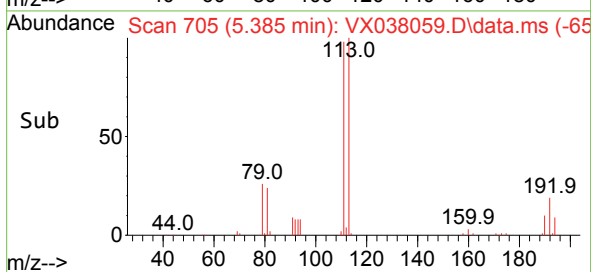
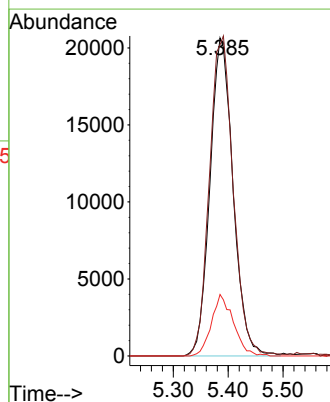
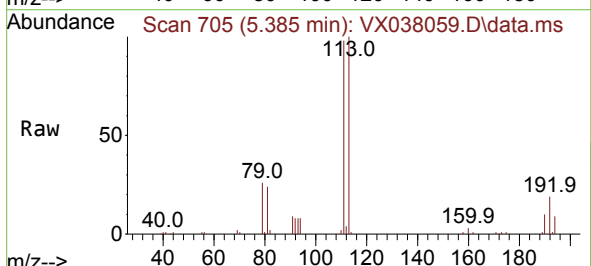
Instrument :
MSVOA_X
ClientSampleId :

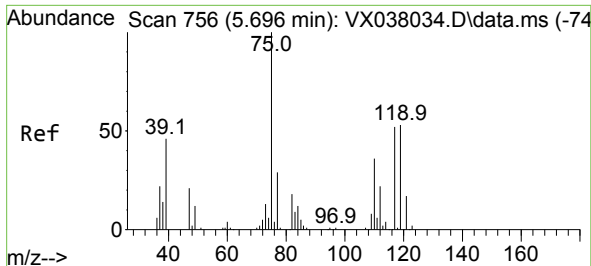
Tgt Ion:114 Resp: 195731
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.011 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion:113 Resp: 60440
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.4 13.3 19.9

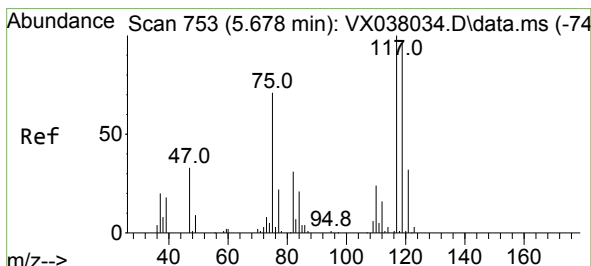
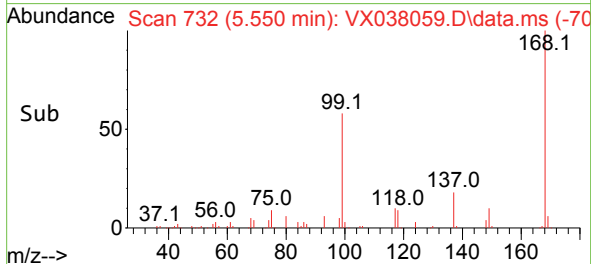
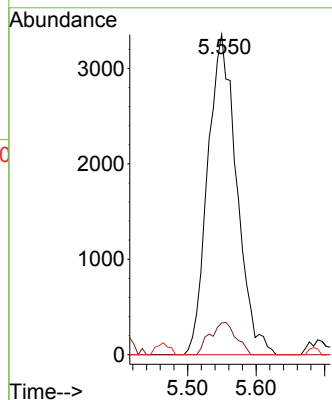
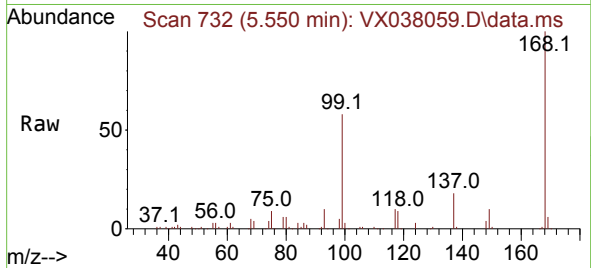




#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

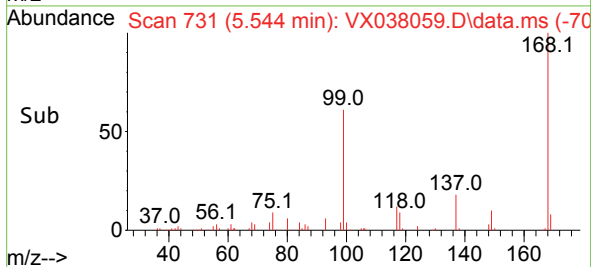
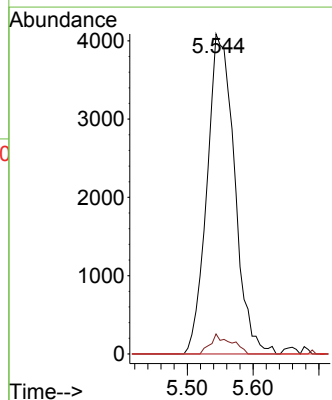
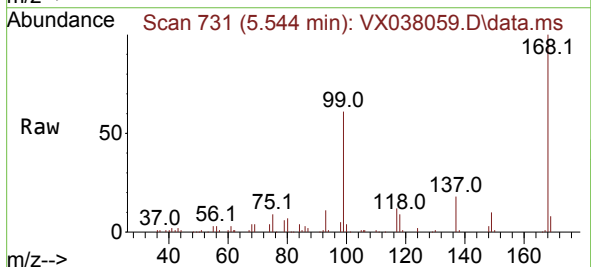
Instrument :
MSVOA_X
ClientSampleId :

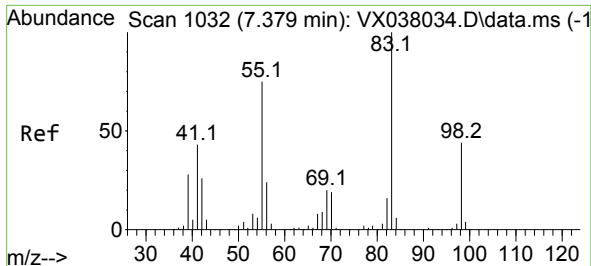
Tgt Ion: 75 Resp: 9827
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.170 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 117 Resp: 11882
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 34.425 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

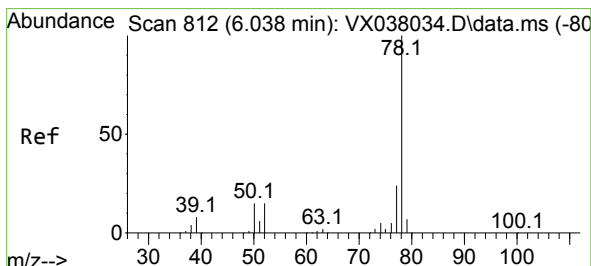
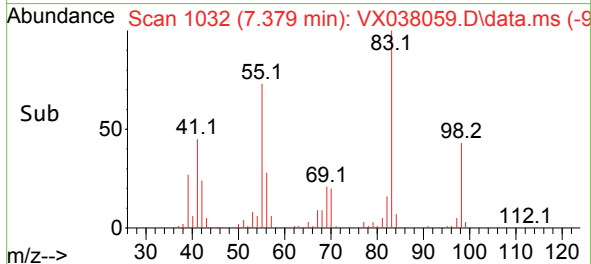
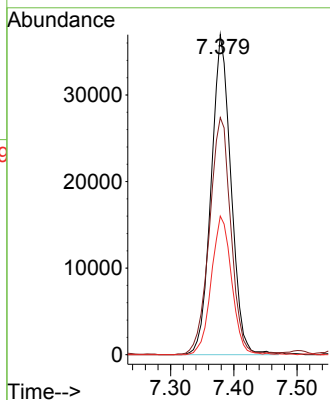
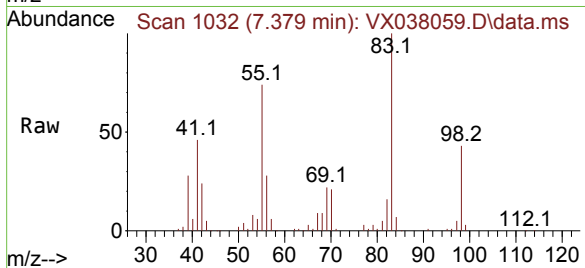
Tgt Ion: 83 Resp: 80514

Ion Ratio Lower Upper

83 100

55 73.8 64.6 97.0

98 43.3 36.7 55.1



#40

Benzene

Concen: 5.225 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX038059.D

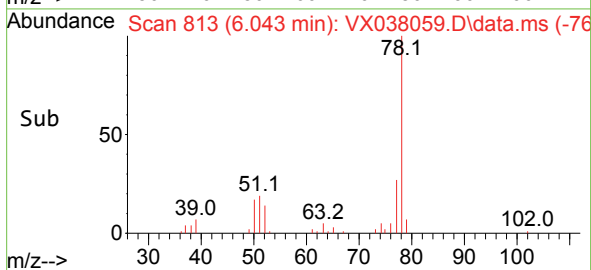
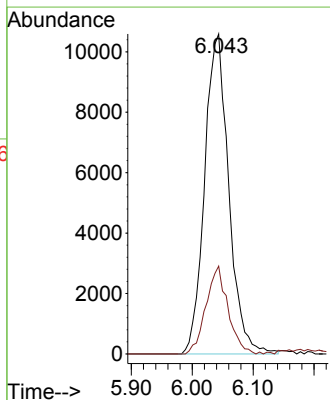
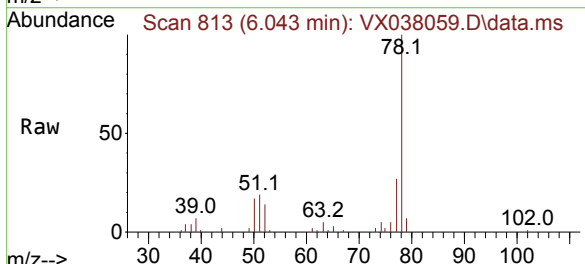
Acq: 04 Oct 2023 12:51

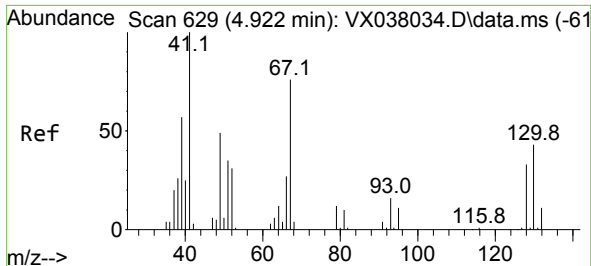
Tgt Ion: 78 Resp: 29168

Ion Ratio Lower Upper

78 100

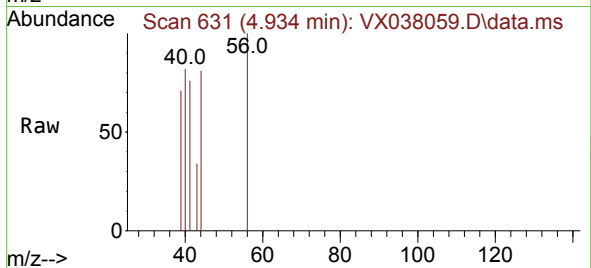
77 27.4 19.3 28.9



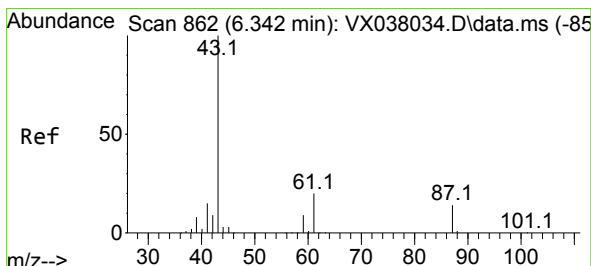
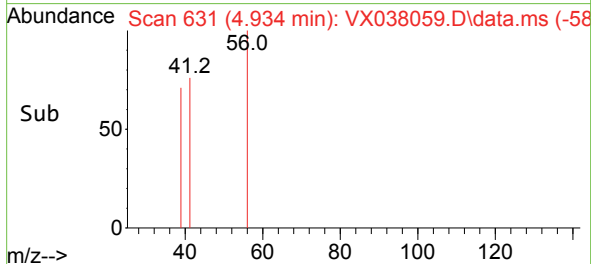
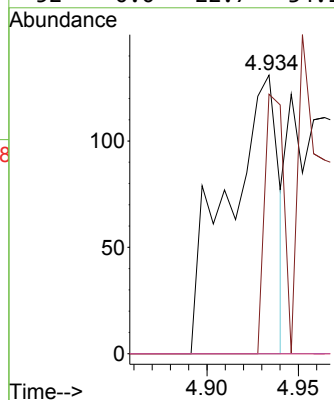


#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

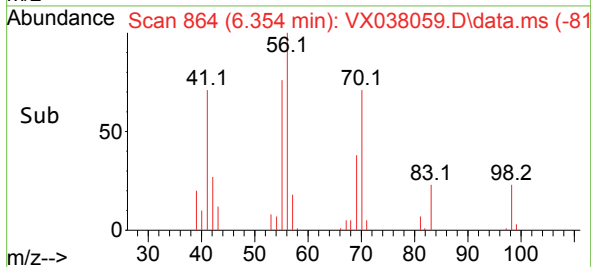
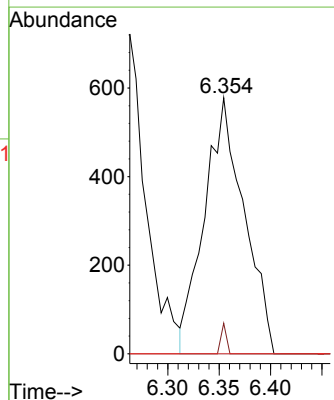
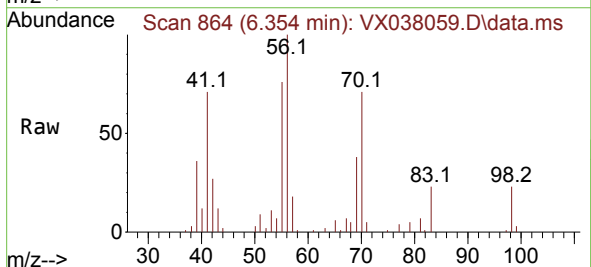


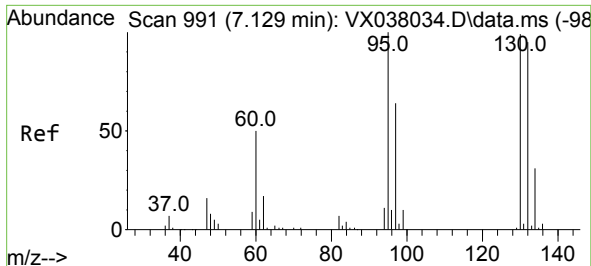
Tgt Ion:	41	Resp:	254
Ion	Ratio	Lower	Upper
41	100		
39	34.3	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#43
Isopropyl Acetate
Concen: 0.452 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion:	43	Resp:	1555
Ion	Ratio	Lower	Upper
43	100		
61	1.6	15.2	22.8#
87	0.0	9.8	14.6#

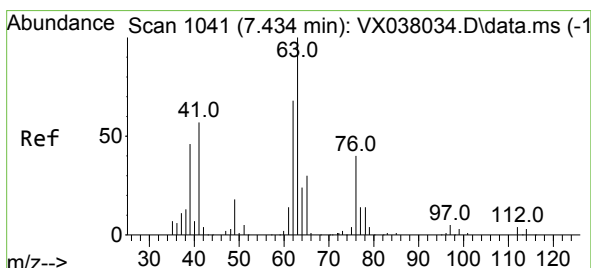
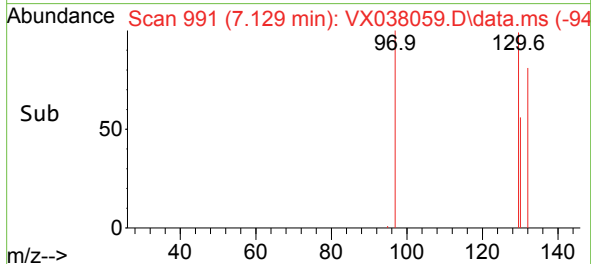
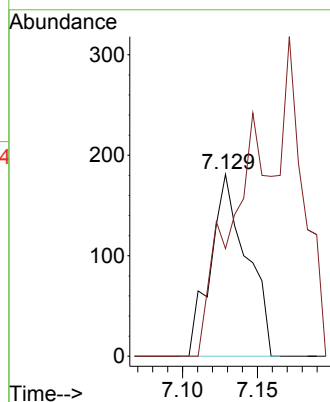
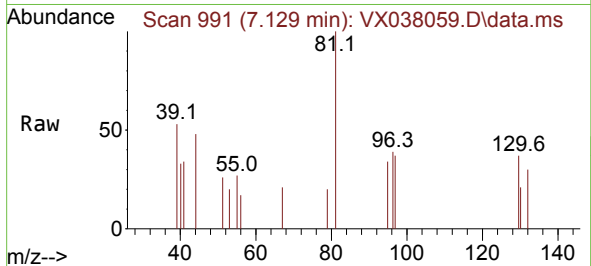




#44
Trichloroethene
Concen: 0.202 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

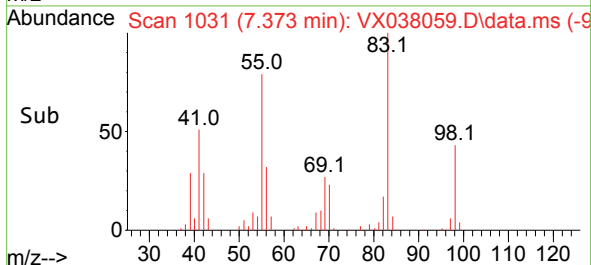
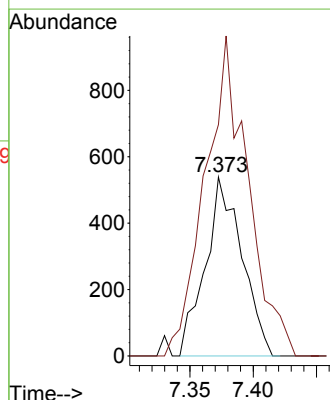
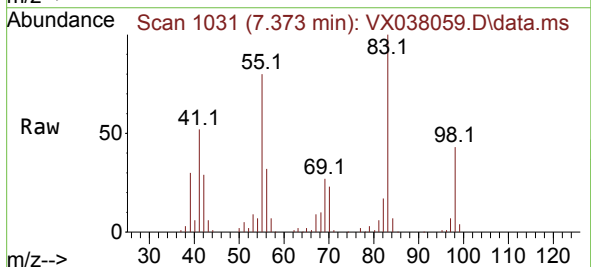
Instrument :
MSVOA_X
ClientSampleId :

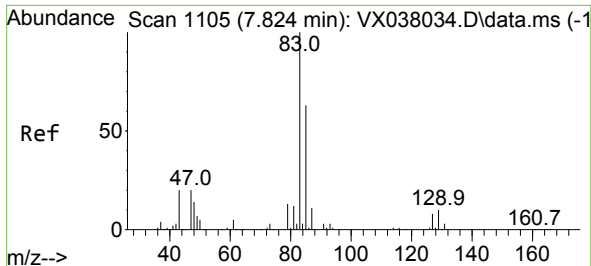
Tgt Ion:130 Resp: 305
Ion Ratio Lower Upper
130 100
95 59.1 0.0 204.4



#45
1,2-Dichloropropane
Concen: 0.765 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.061 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

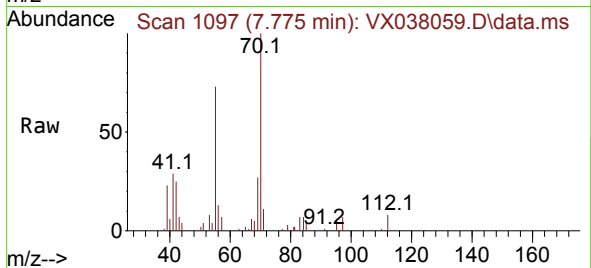
Tgt Ion: 63 Resp: 1087
Ion Ratio Lower Upper
63 100
65 114.3 24.3 36.5#



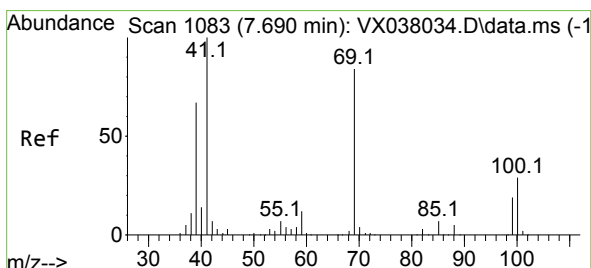
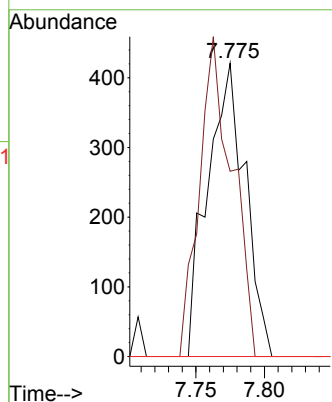
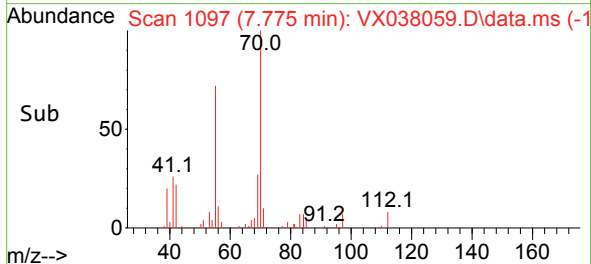


#47
Bromodichloromethane
Concen: 0.419 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.049 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

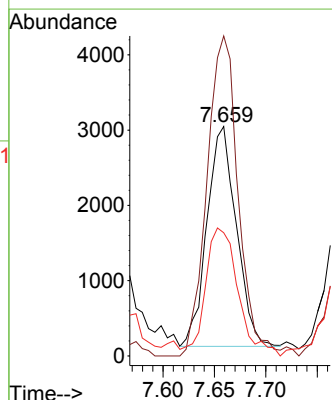
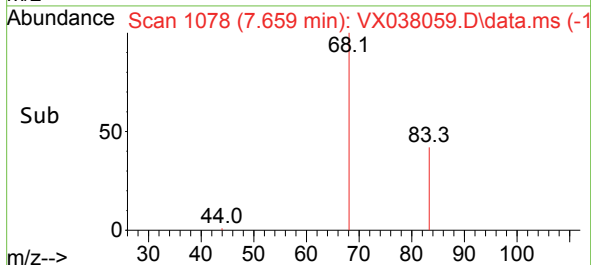
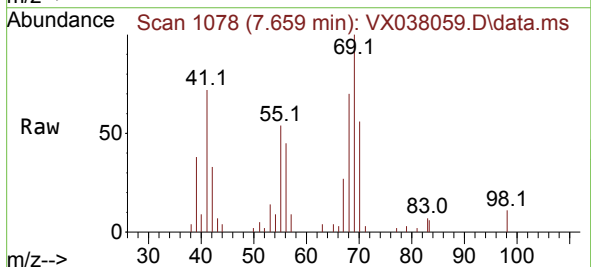


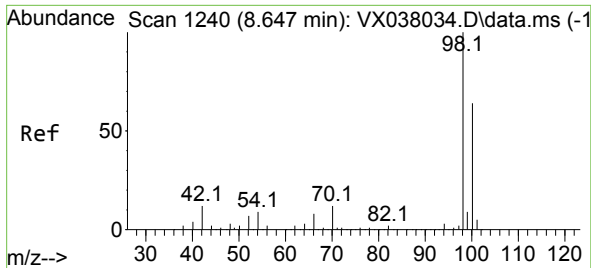
Tgt Ion: 83 Resp: 803
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 3.509 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.031 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 41 Resp: 5809
Ion Ratio Lower Upper
41 100
69 155.3 59.2 88.8#
39 64.5 47.7 71.5

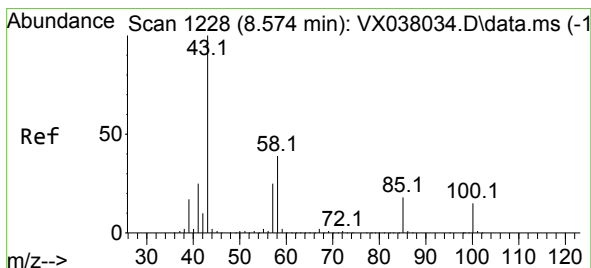
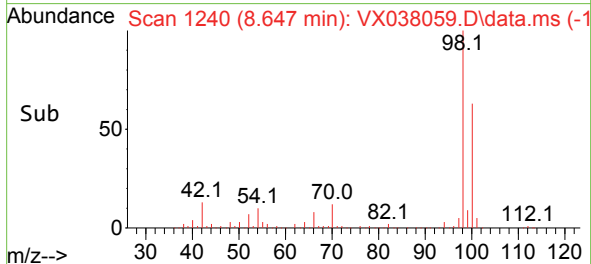
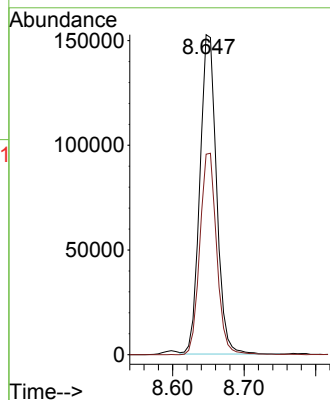
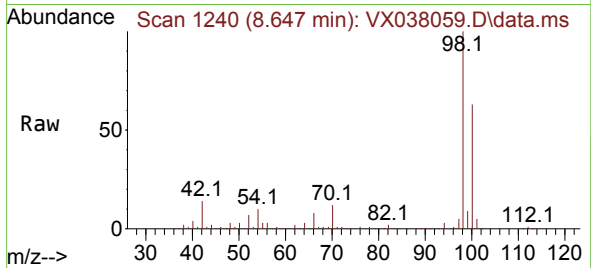




#50
Toluene-d8
Concen: 47.946 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

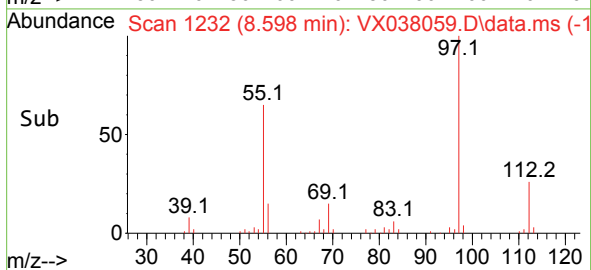
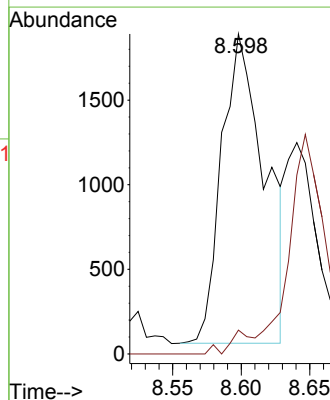
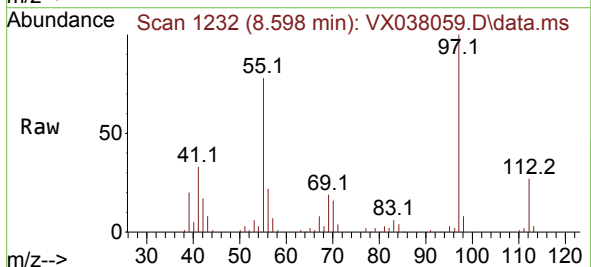
Instrument :
MSVOA_X
ClientSampleId :

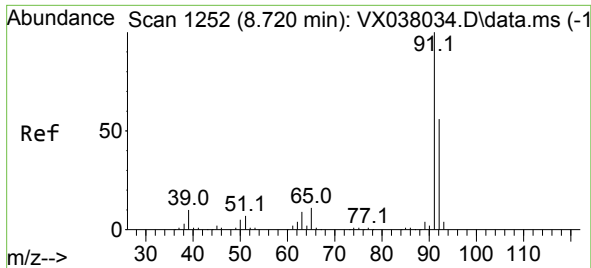
Tgt Ion: 98 Resp: 246390
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.669 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 43 Resp: 3993
Ion Ratio Lower Upper
43 100
58 4.2 30.4 45.6#

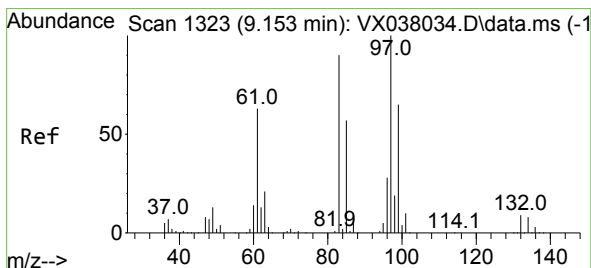
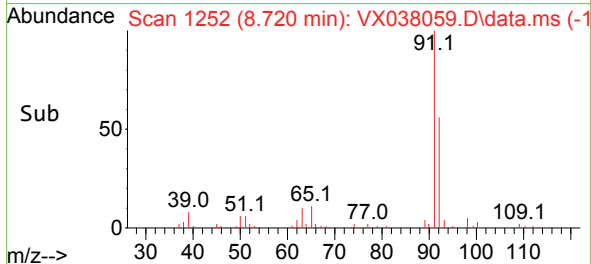
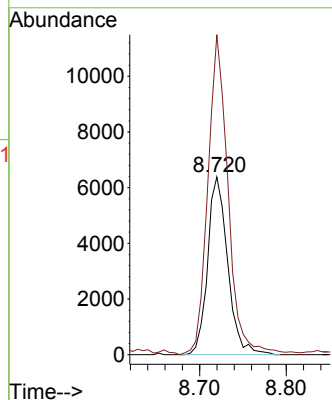
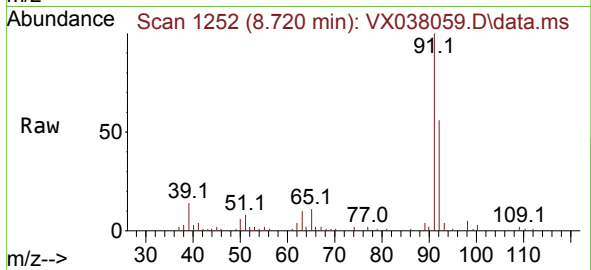




#52
Toluene
Concen: 2.844 ug/l
RT: 8.720 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

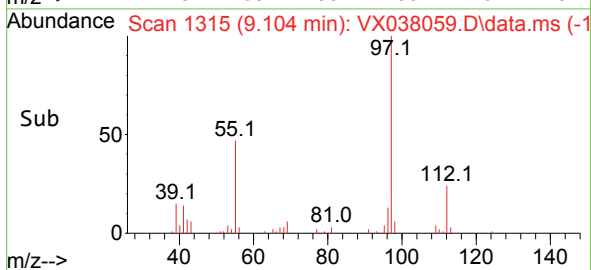
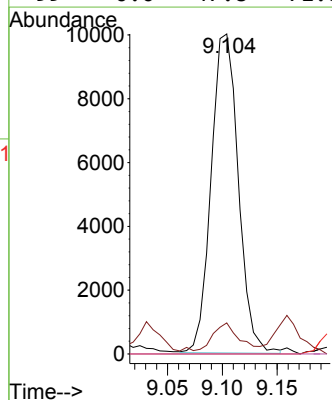
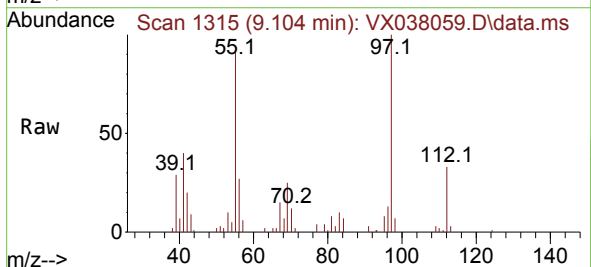
Instrument :
MSVOA_X
ClientSampleId :

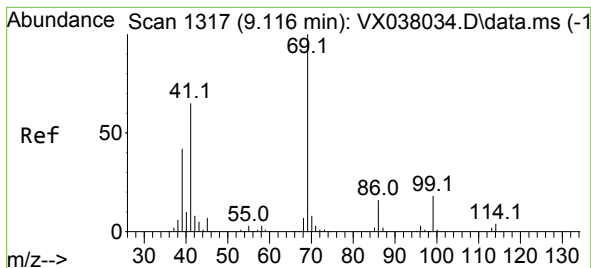
Tgt Ion: 92 Resp: 10275
Ion Ratio Lower Upper
92 100
91 181.9 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 11.754 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 97 Resp: 17246
Ion Ratio Lower Upper
97 100
83 8.8 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#





#56

Ethyl methacrylate

Concen: 2.072 ug/l

RT: 9.104 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

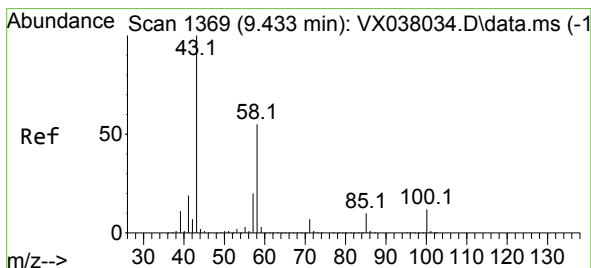
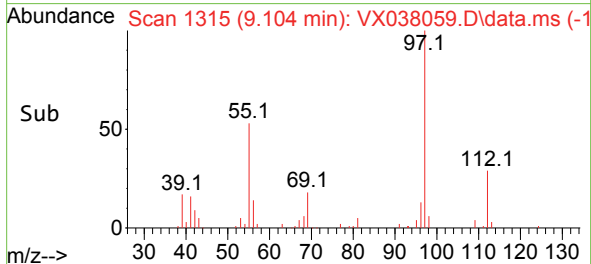
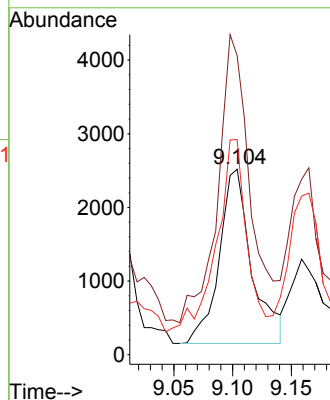
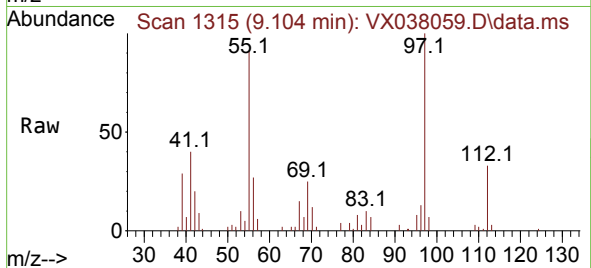
Tgt Ion: 69 Resp: 4569

Ion Ratio Lower Upper

69 100

41 163.1 56.8 85.2#

39 100.6 32.0 48.0#



#59

2-Hexanone

Concen: 6.256 ug/l

RT: 9.384 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX038059.D

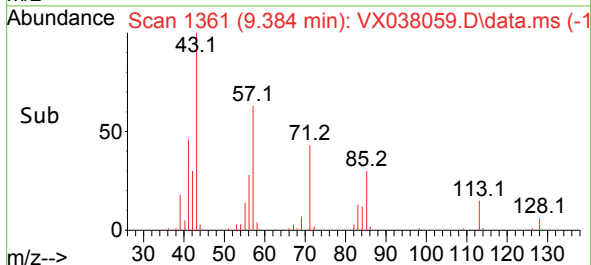
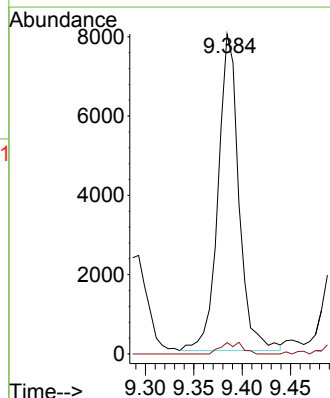
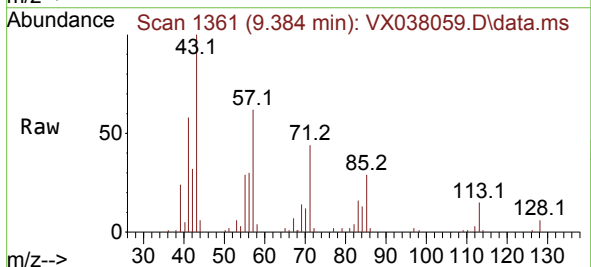
Acq: 04 Oct 2023 12:51

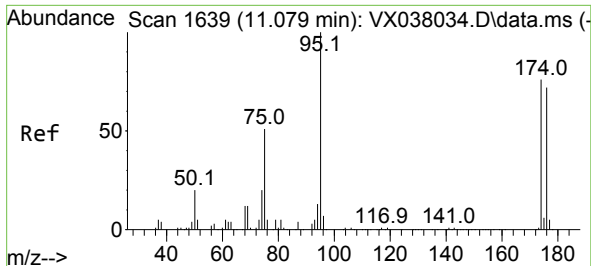
Tgt Ion: 43 Resp: 11973

Ion Ratio Lower Upper

43 100

58 3.7 26.2 78.5#

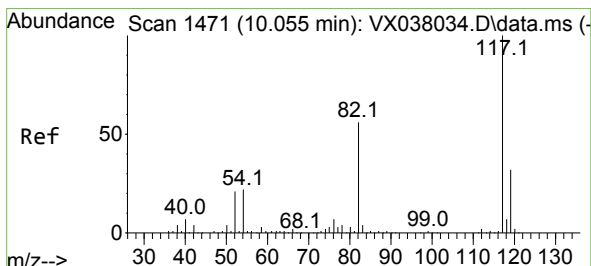
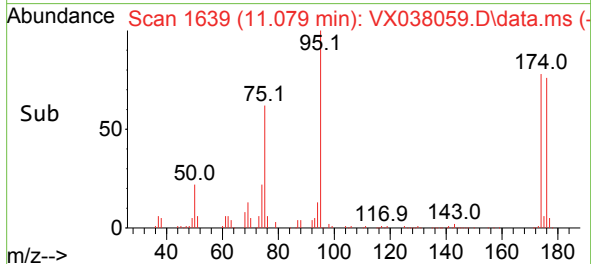
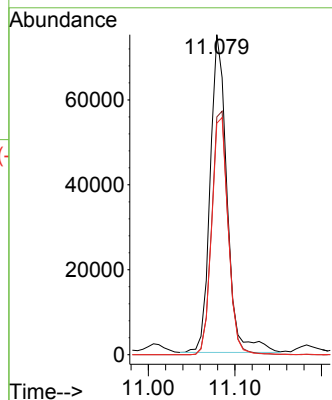
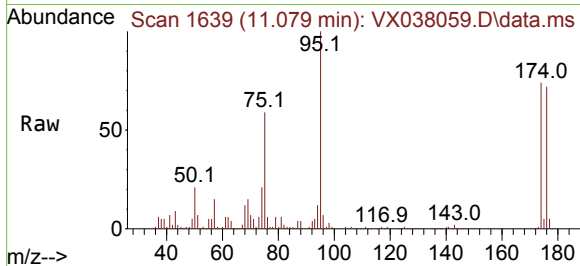




#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

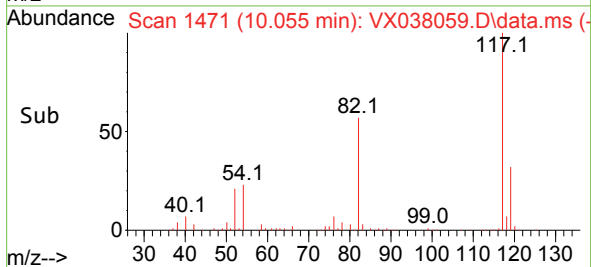
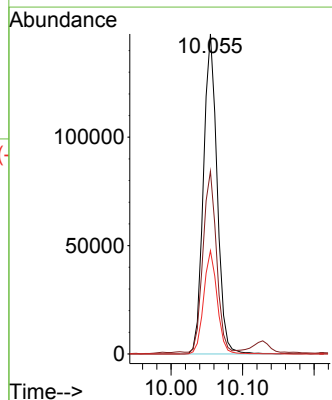
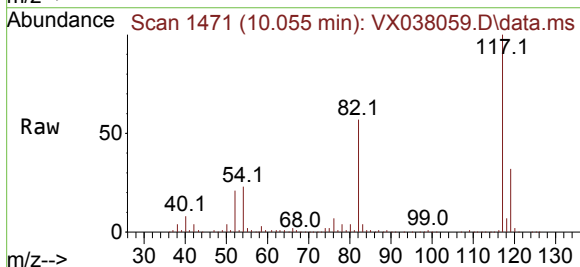
Instrument :
MSVOA_X
ClientSampleId :

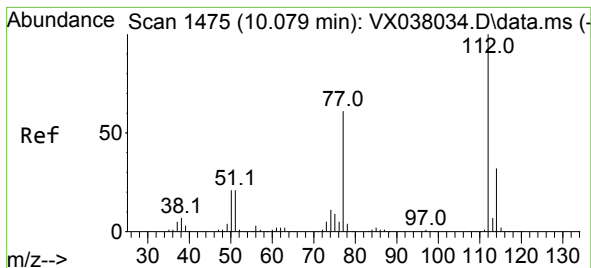
Tgt Ion: 95 Resp: 101223
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 73.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

Tgt Ion: 117 Resp: 196316
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.3 25.5 38.3





#65

Chlorobenzene

Concen: 5.282 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

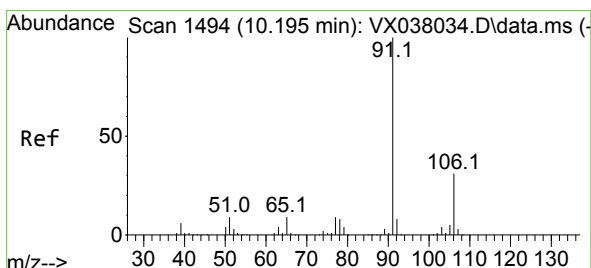
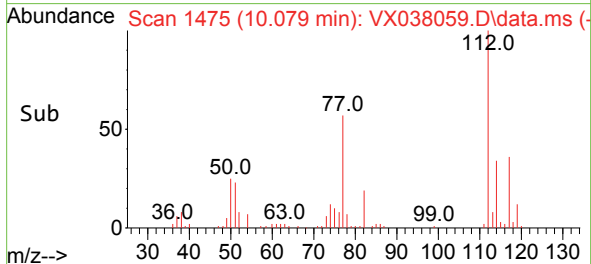
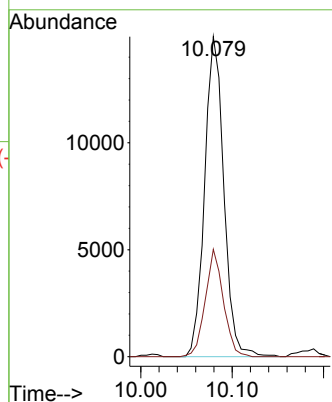
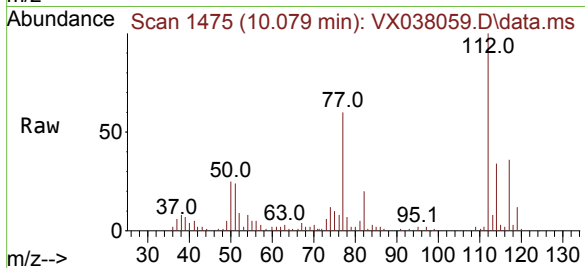
ClientSampleId :

Tgt Ion:112 Resp: 21766

Ion Ratio Lower Upper

112 100

114 33.6 25.7 38.5



#67

Ethyl Benzene

Concen: 18.965 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX038059.D

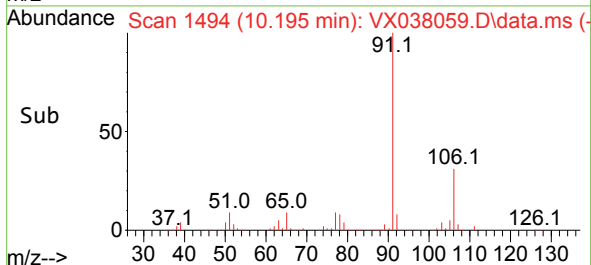
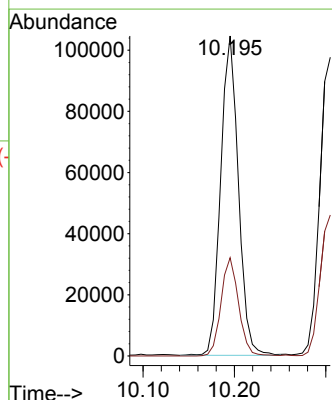
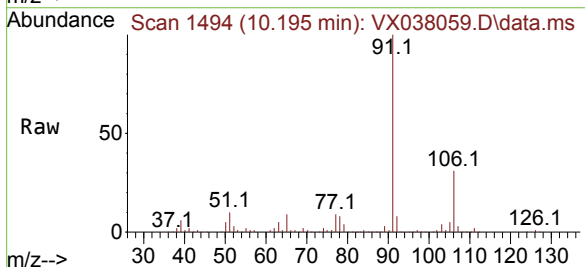
Acq: 04 Oct 2023 12:51

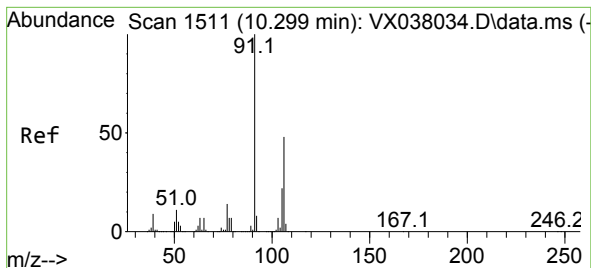
Tgt Ion: 91 Resp: 140593

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3





#68

m/p-Xylenes

Concen: 22.421 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

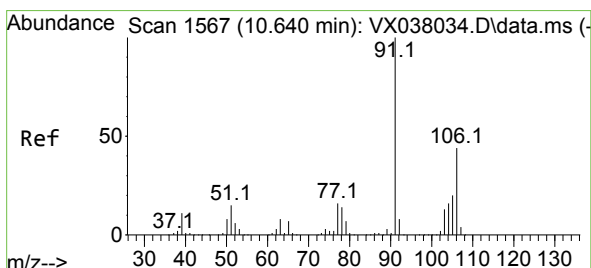
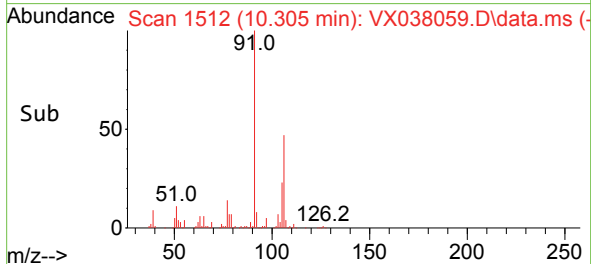
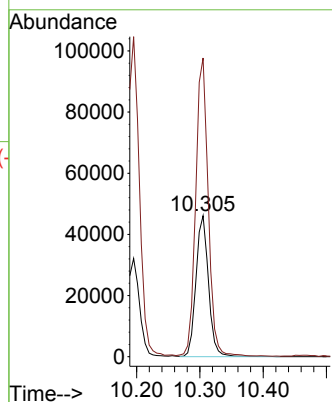
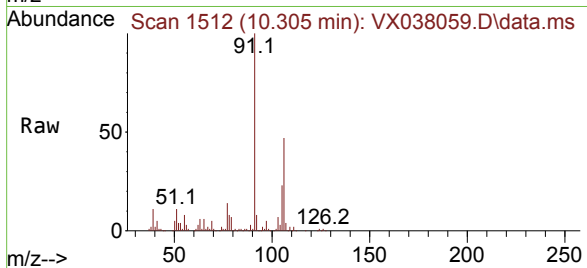
ClientSampleId :

Tgt Ion:106 Resp: 63653

Ion Ratio Lower Upper

106 100

91 209.7 165.5 248.3



#69

o-Xylene

Concen: 8.274 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX038059.D

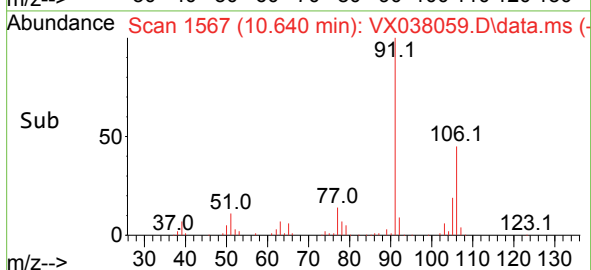
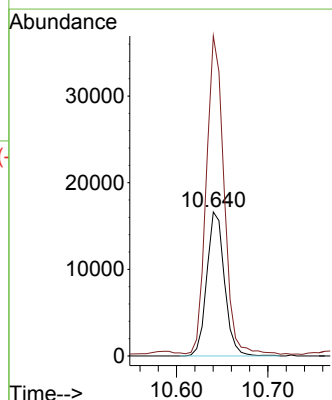
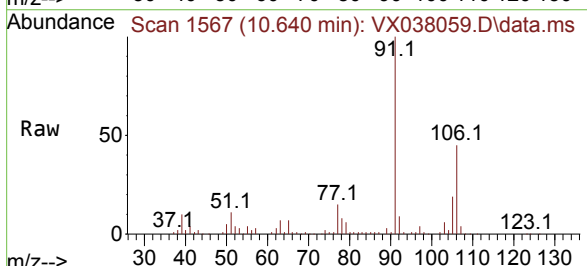
Acq: 04 Oct 2023 12:51

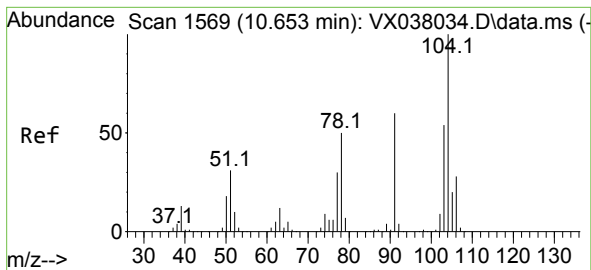
Tgt Ion:106 Resp: 22308

Ion Ratio Lower Upper

106 100

91 219.9 108.9 326.8





#70

Styrene

Concen: 0.395 ug/l

RT: 10.646 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

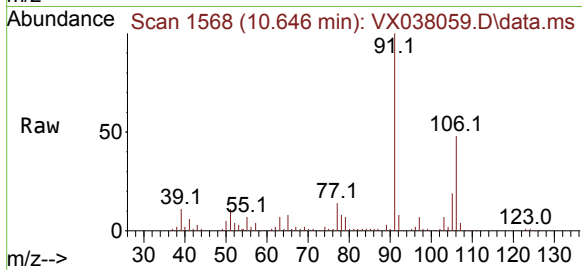
Tgt Ion:104 Resp: 1760

Ion Ratio Lower Upper

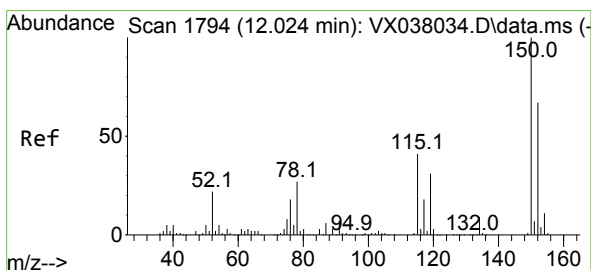
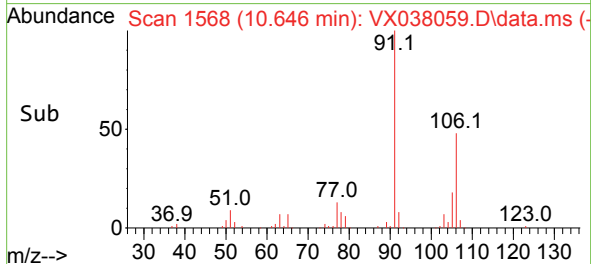
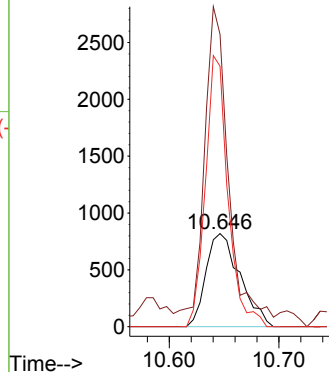
104 100

78 226.3 43.6 65.4#

103 193.6 43.6 65.4#



Abundance



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

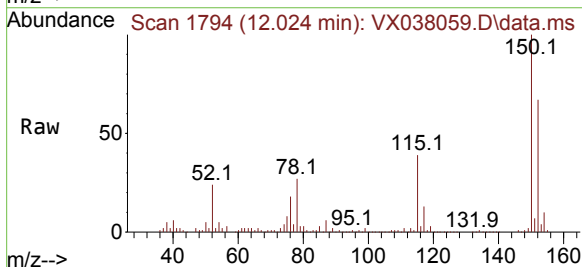
Tgt Ion:152 Resp: 104283

Ion Ratio Lower Upper

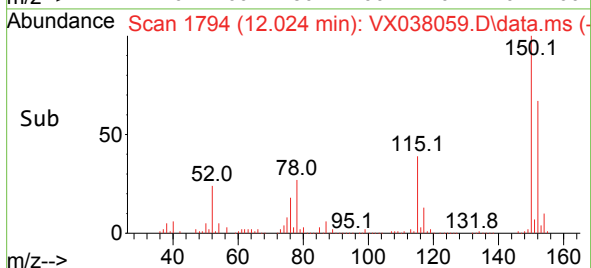
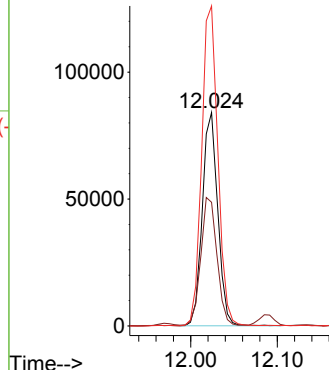
152 100

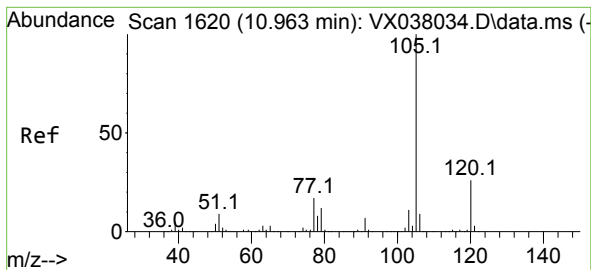
115 62.4 43.3 129.9

150 156.0 0.0 345.0



Abundance





#73

Isopropylbenzene

Concen: 5.537 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

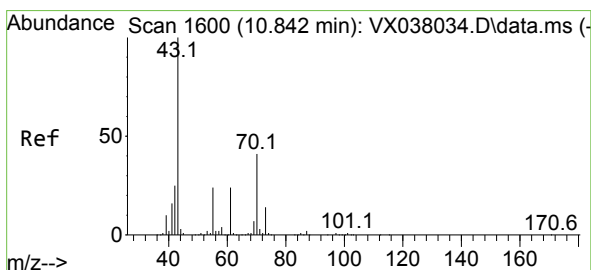
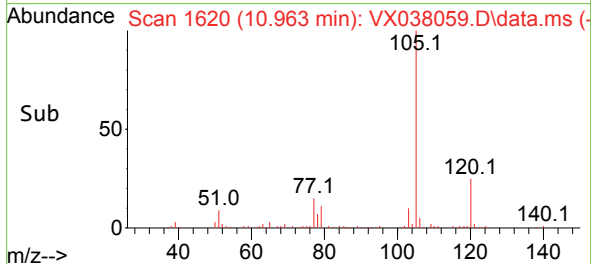
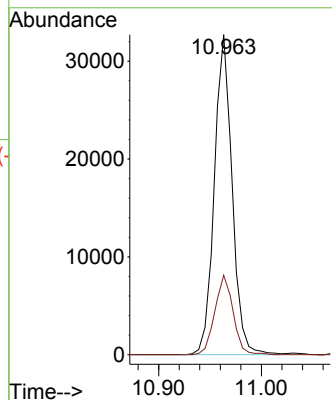
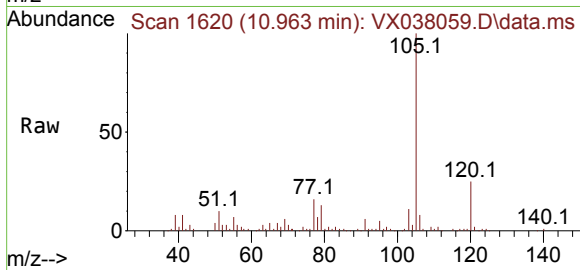
ClientSampleId :

Tgt Ion:105 Resp: 39190

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



#74

N-ethyl acetate

Concen: 2.068 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Tgt Ion: 43 Resp: 6587

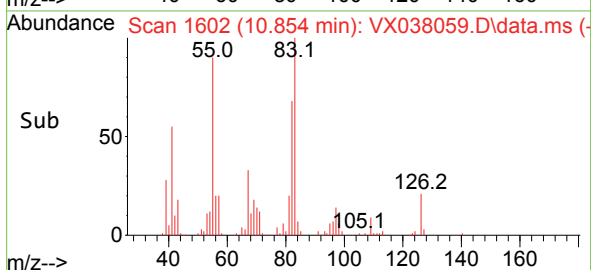
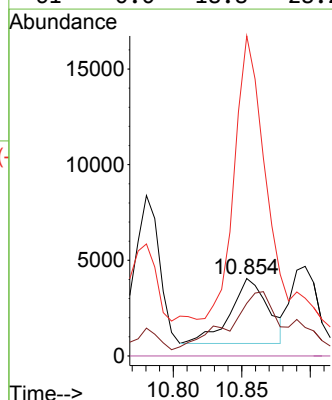
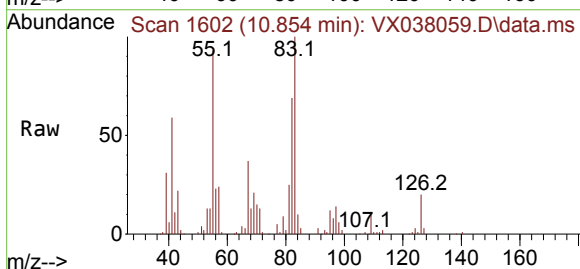
Ion Ratio Lower Upper

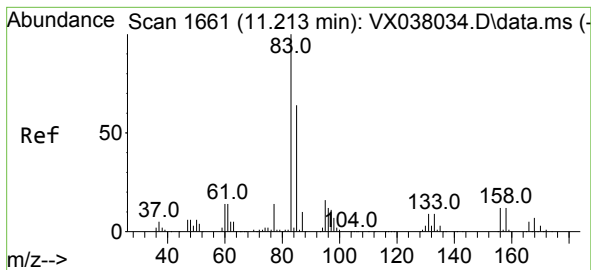
43 100

70 110.3 32.9 49.3#

55 419.8 19.3 28.9#

61 0.0 18.8 28.2#

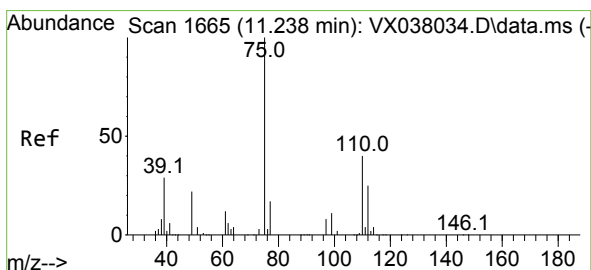
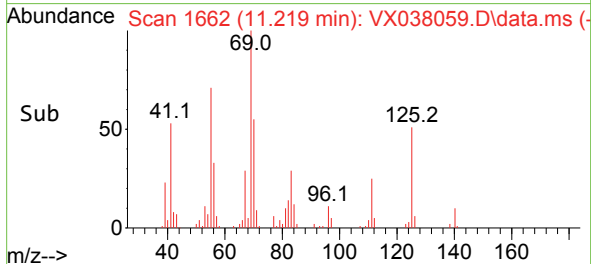
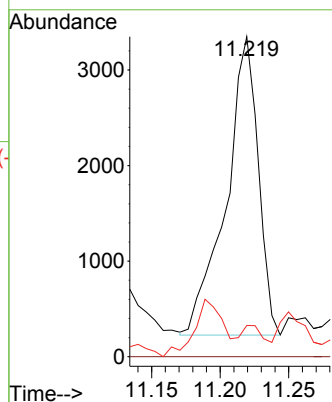
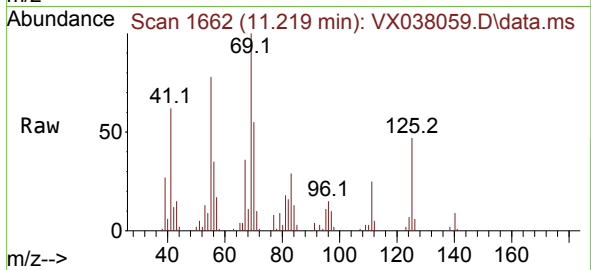




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.927 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. 0.006 min
 Lab File: VX038059.D
 Acq: 04 Oct 2023 12:51

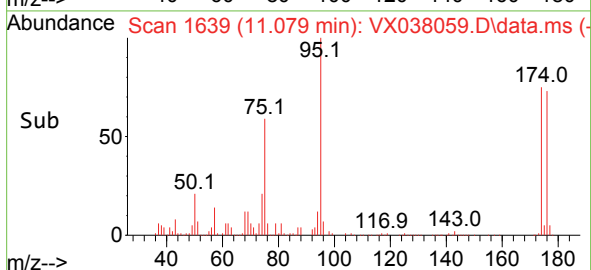
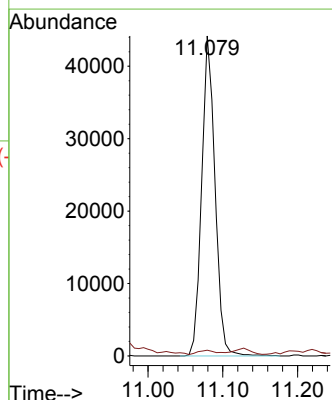
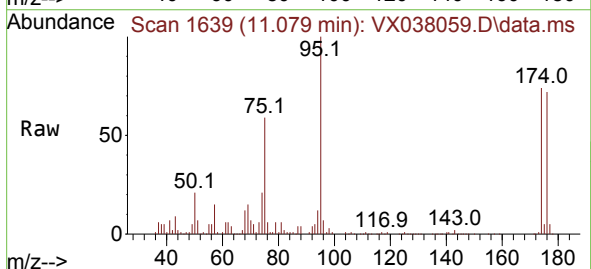
Instrument :
 MSVOA_X
 ClientSampleId :

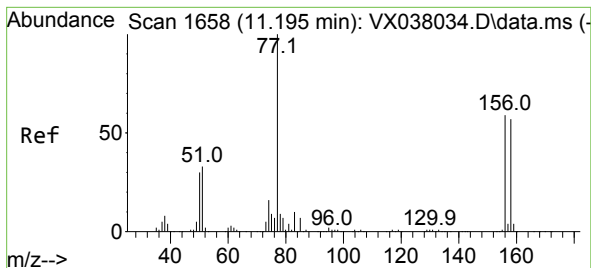
Tgt Ion: 83 Resp: 5104
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.8#
 85 4.7 32.0 96.2#



#76
 1,2,3-Trichloropropane
 Concen: 22.690 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038059.D
 Acq: 04 Oct 2023 12:51

Tgt Ion: 75 Resp: 54812
 Ion Ratio Lower Upper
 75 100
 77 1.9 19.1 57.5#





#77

Bromobenzene

Concen: 0.203 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

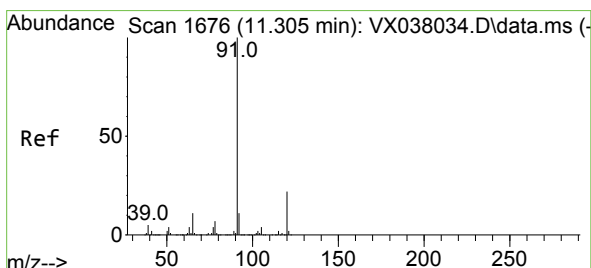
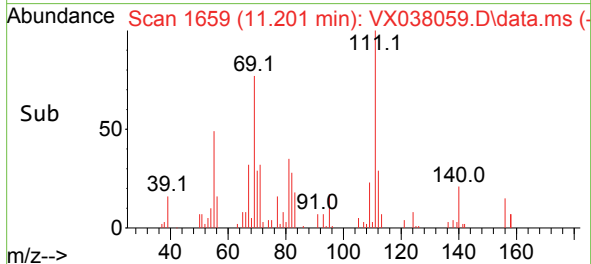
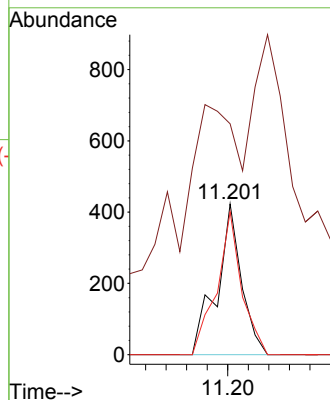
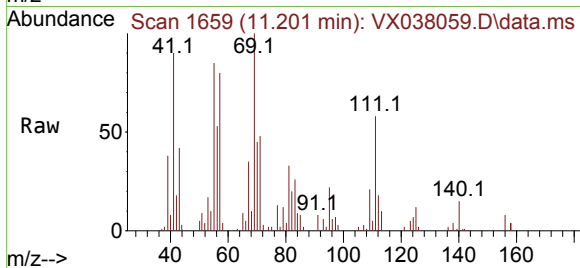
Tgt Ion:156 Resp: 352

Ion Ratio Lower Upper

156 100

77 241.5 88.4 265.3

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 11.372 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038059.D

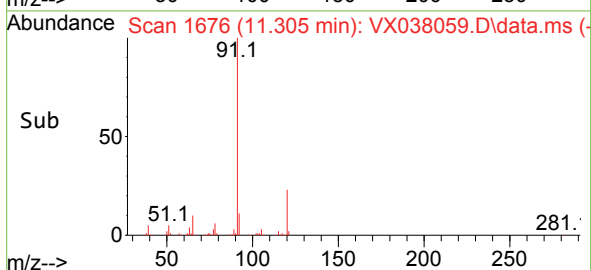
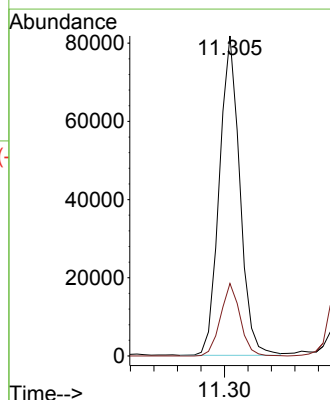
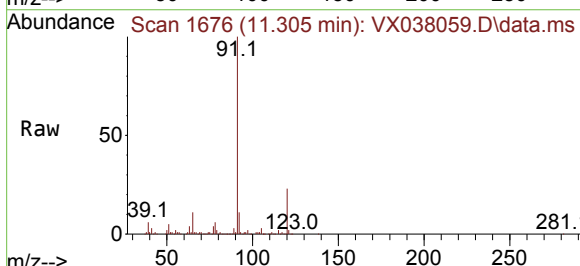
Acq: 04 Oct 2023 12:51

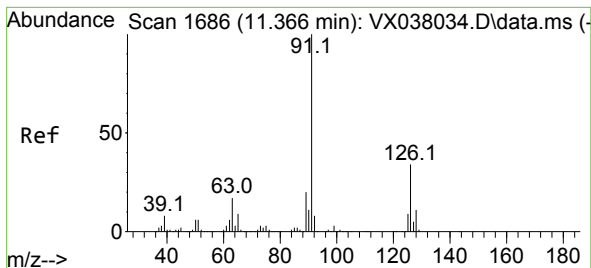
Tgt Ion: 91 Resp: 98893

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.007 ug/l

RT: 11.402 min Scan# 1

Delta R.T. 0.036 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

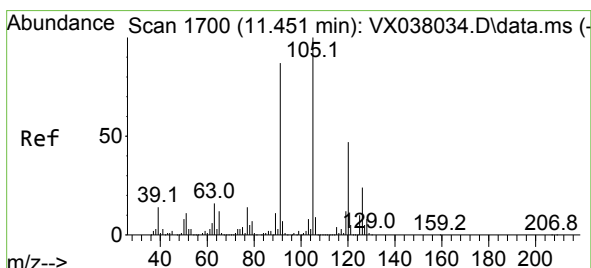
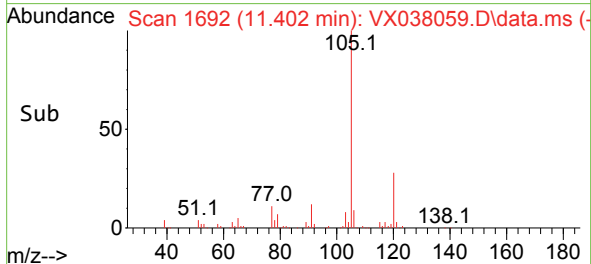
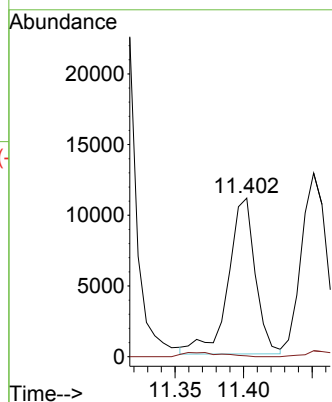
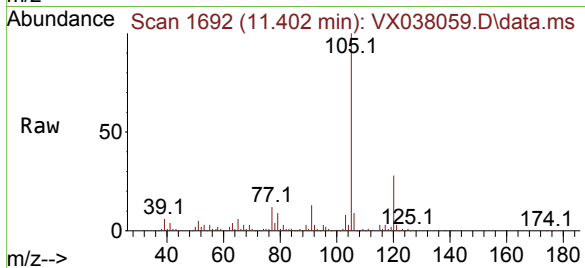
ClientSampleId :

Tgt Ion: 91 Resp: 15186

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 21.427 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX038059.D

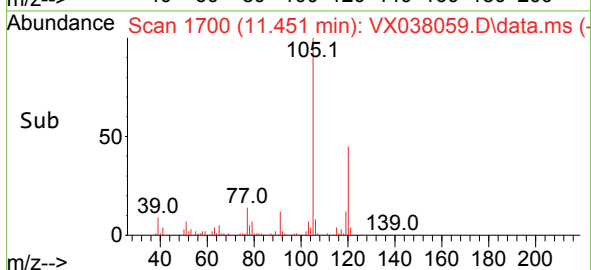
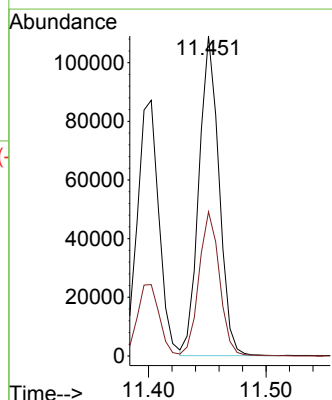
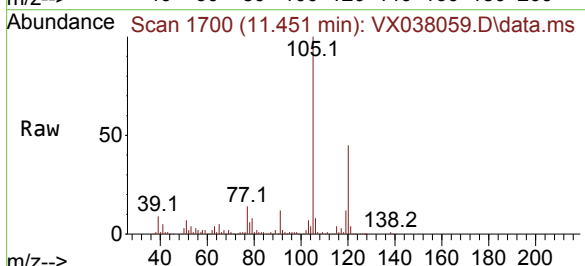
Acq: 04 Oct 2023 12:51

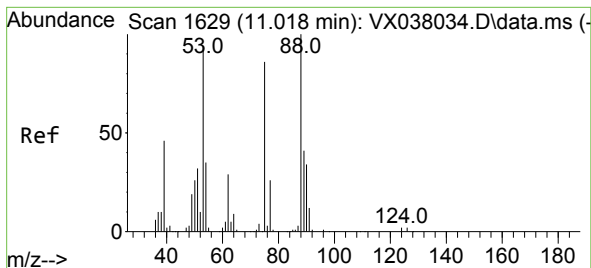
Tgt Ion:105 Resp: 129062

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.3

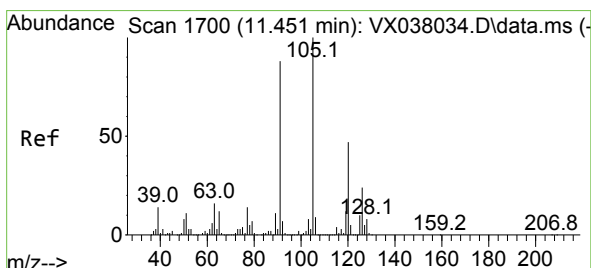
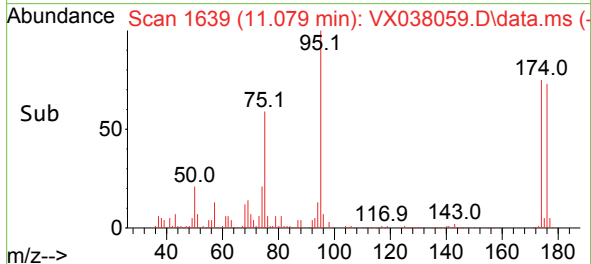
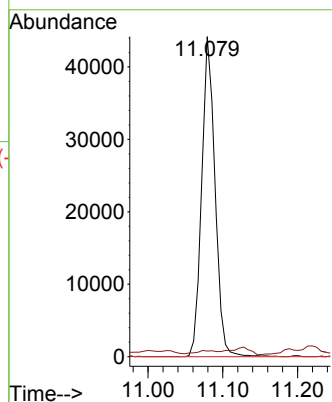
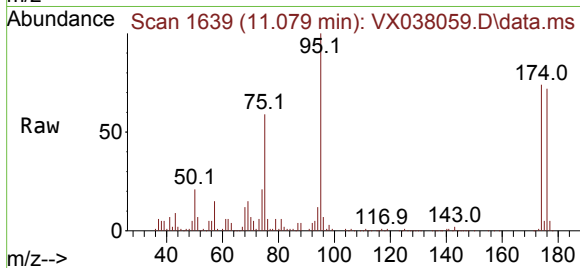




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.629 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX038059.D
 Acq: 04 Oct 2023 12:51

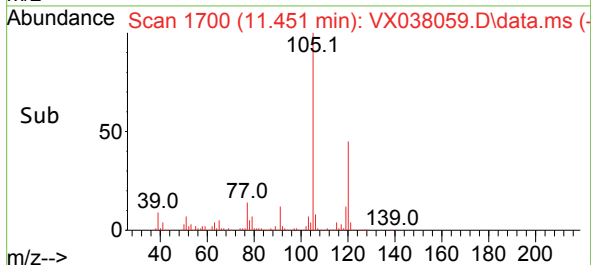
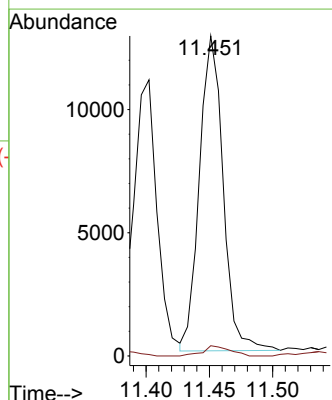
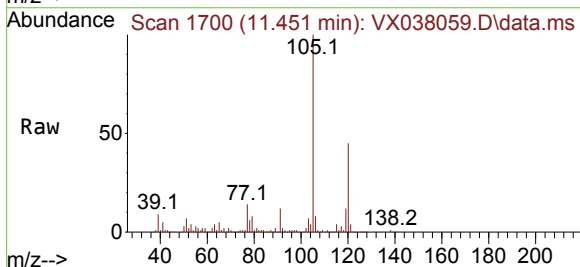
Instrument :
 MSVOA_X
 ClientSampleId :

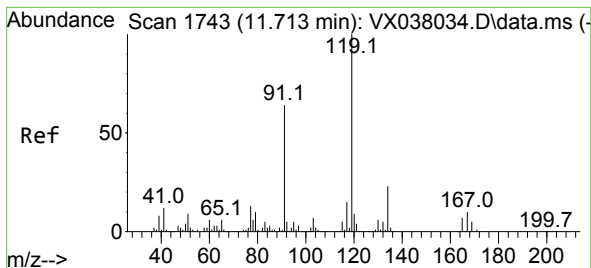
Tgt Ion: 75 Resp: 54812
 Ion Ratio Lower Upper
 75 100
 53 1.5 90.5 135.7#
 89 0.0 36.9 55.3#



#82
 4-Chlorotoluene
 Concen: 2.744 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX038059.D
 Acq: 04 Oct 2023 12:51

Tgt Ion: 91 Resp: 16703
 Ion Ratio Lower Upper
 91 100
 126 3.6 14.2 42.6#





#83

tert-Butylbenzene

Concen: 0.399 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

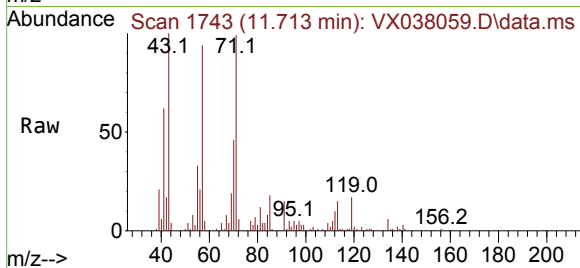
Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :



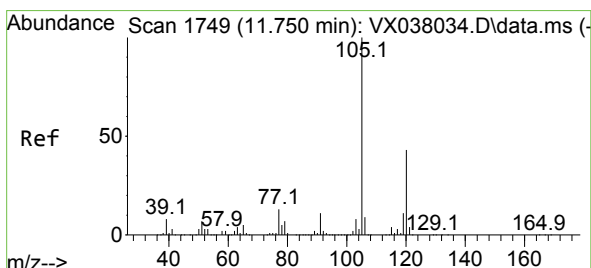
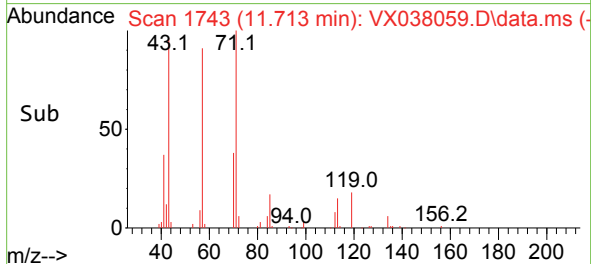
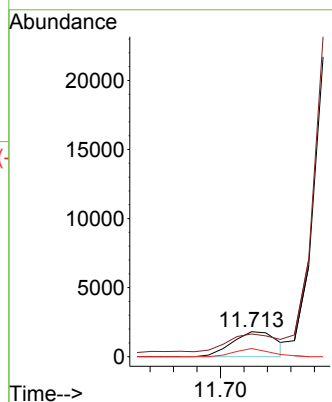
Tgt Ion:119 Resp: 2389

Ion Ratio Lower Upper

119 100

91 87.1 31.2 93.6

134 26.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 61.253 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038059.D

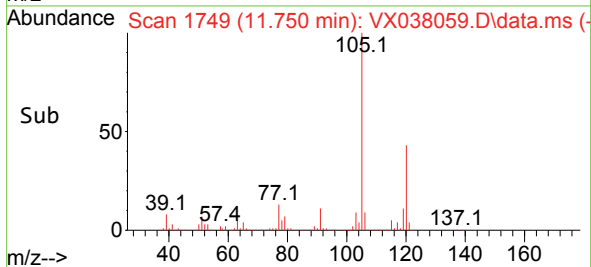
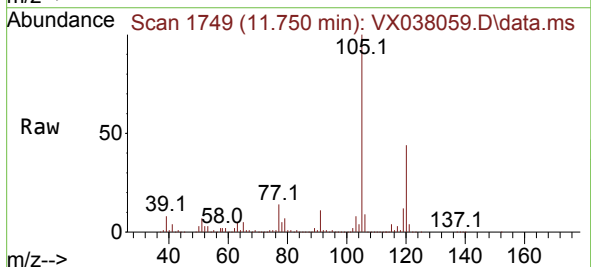
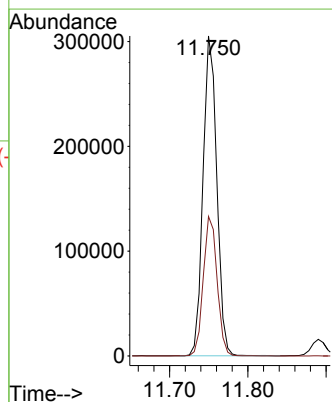
Acq: 04 Oct 2023 12:51

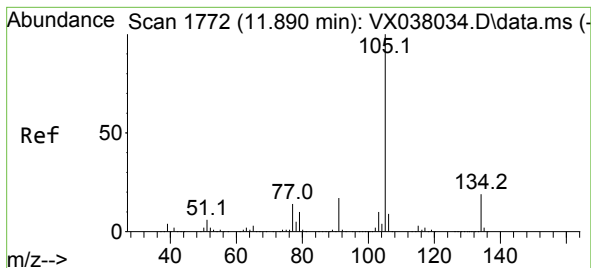
Tgt Ion:105 Resp: 372116

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.640 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

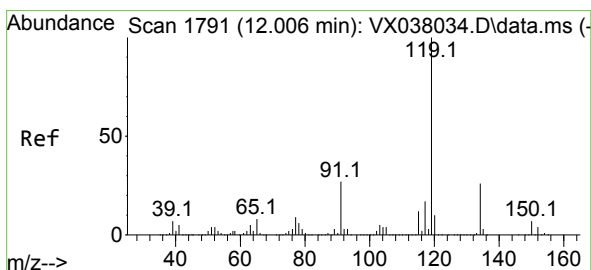
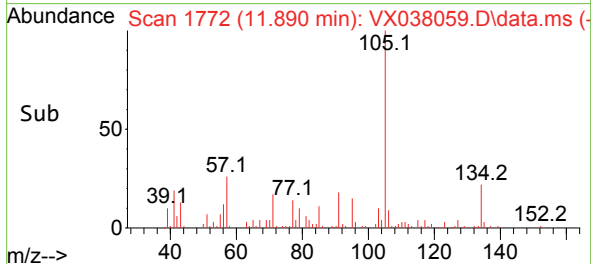
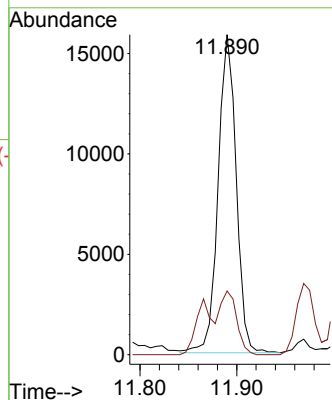
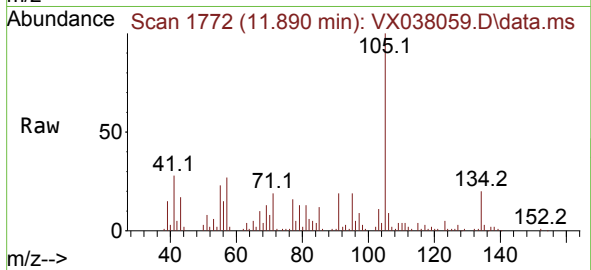
ClientSampleId :

Tgt Ion:105 Resp: 20501

Ion Ratio Lower Upper

105 100

134 18.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 4.070 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

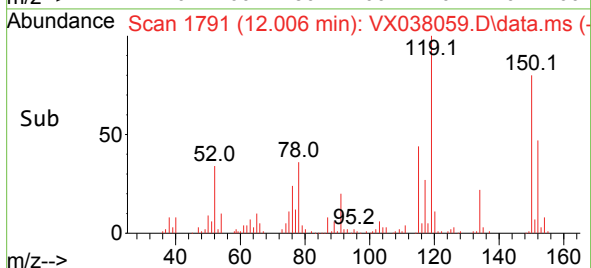
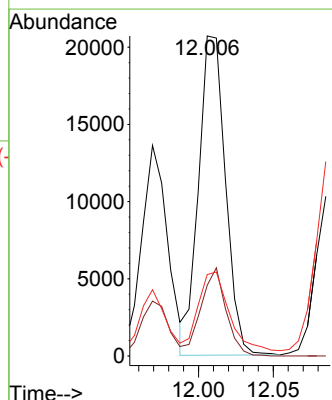
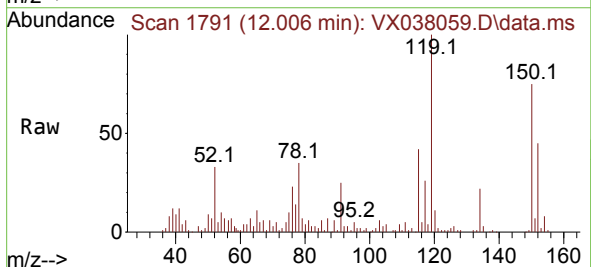
Tgt Ion:119 Resp: 25883

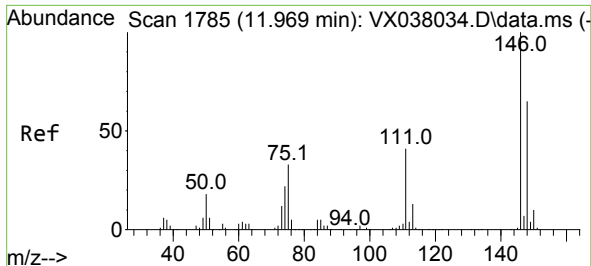
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.551 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

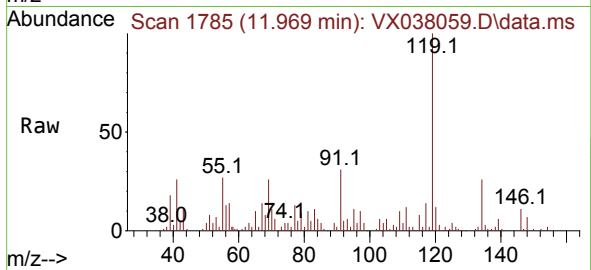
Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

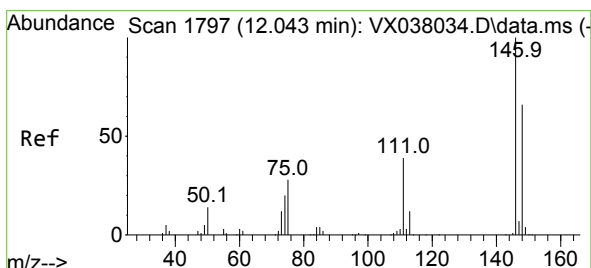
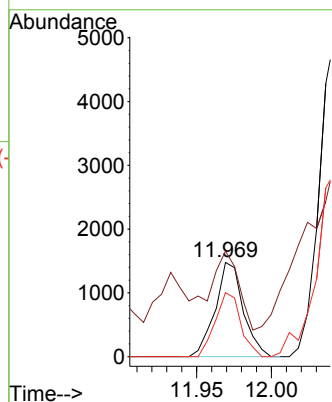
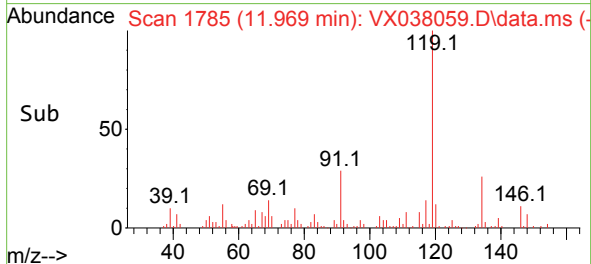
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	146	Resp:	1917
Ion Ratio	Lower	Upper	
146	100		
111	68.8	22.1	66.1#
148	61.9	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 1.761 ug/l

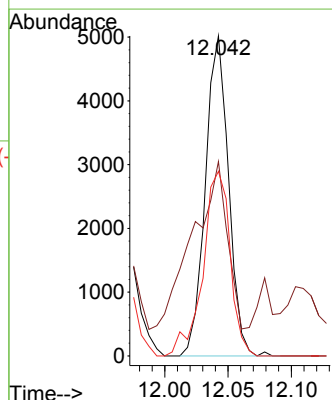
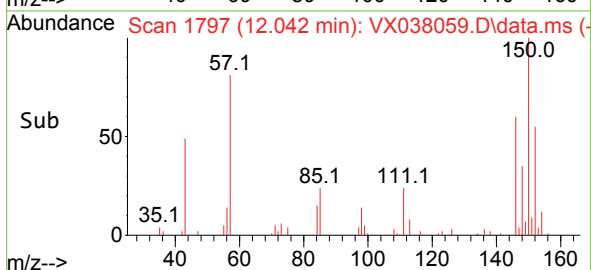
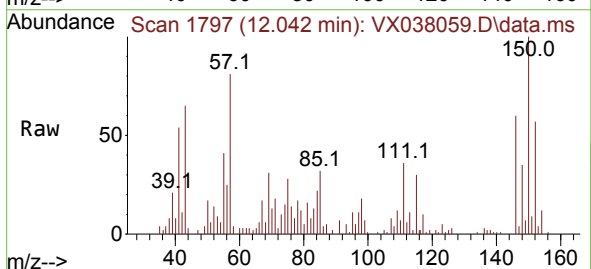
RT: 12.042 min Scan# 1797

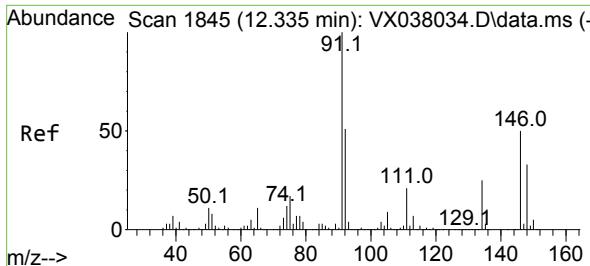
Delta R.T. -0.000 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Tgt Ion:	146	Resp:	6394
Ion Ratio	Lower	Upper	
146	100		
111	78.0	21.3	63.7#
148	67.9	31.8	95.4





#89

n-Butylbenzene

Concen: 8.264 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

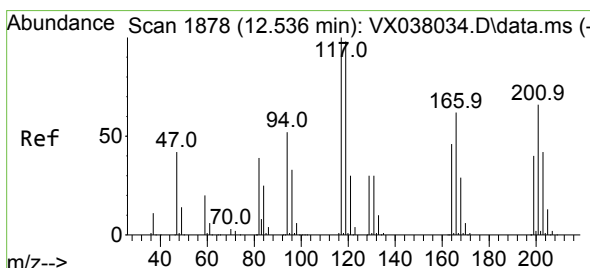
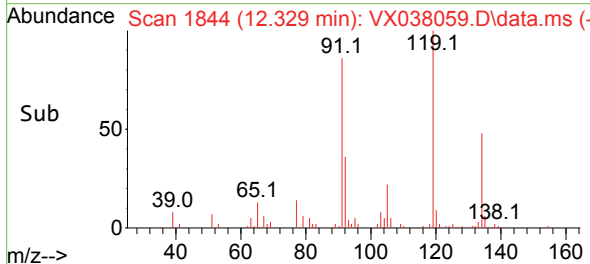
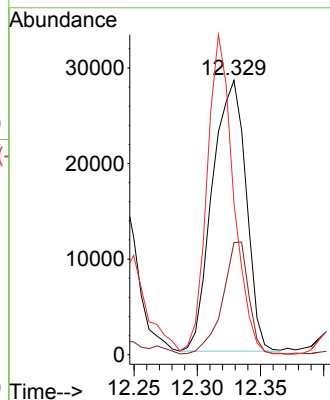
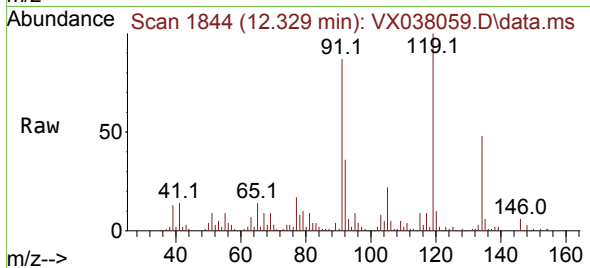
Tgt Ion: 91 Resp: 52454

Ion Ratio Lower Upper

91 100

92 32.2 27.4 82.0

134 92.8 12.6 37.8#



#90

Hexachloroethane

Concen: 6.172 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX038059.D

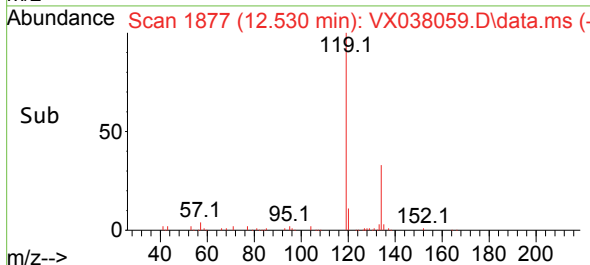
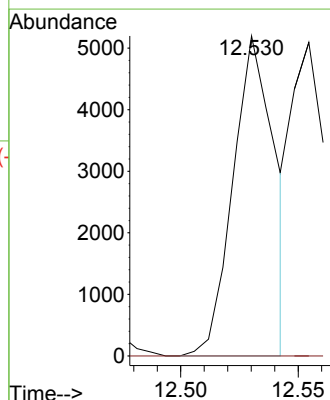
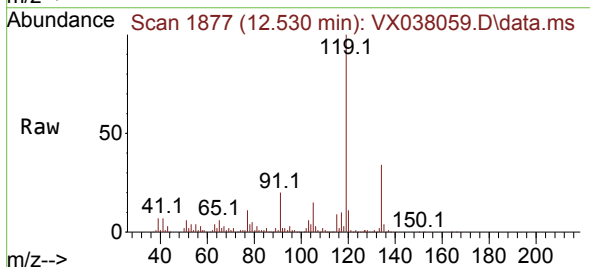
Acq: 04 Oct 2023 12:51

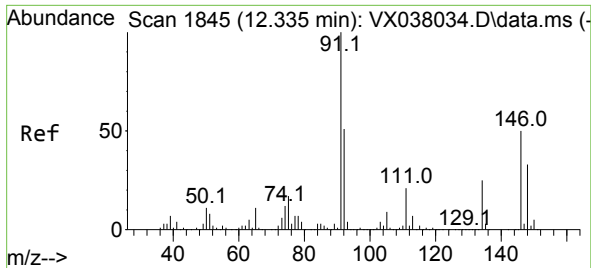
Tgt Ion: 117 Resp: 6397

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

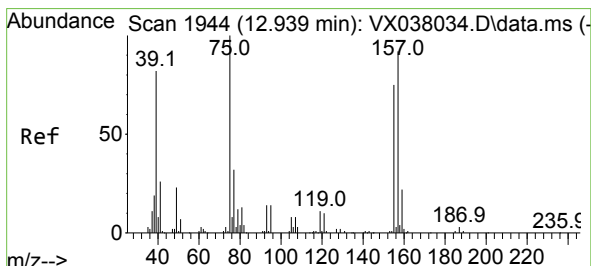
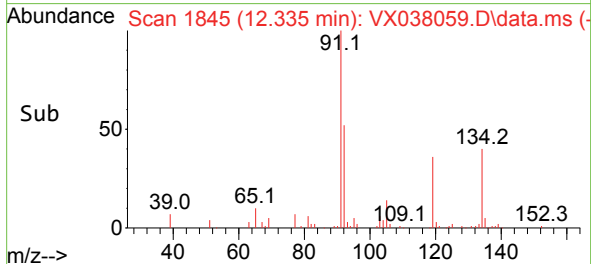
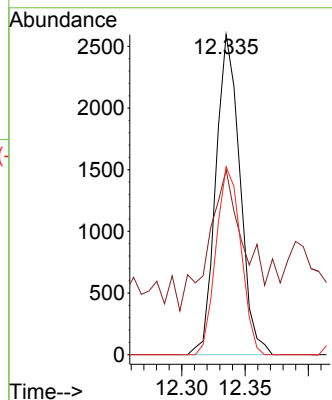
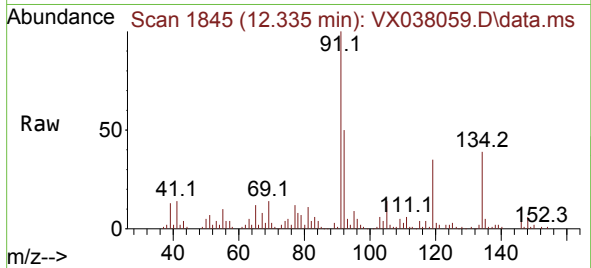




#91
1,2-Dichlorobenzene
Concen: 1.036 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

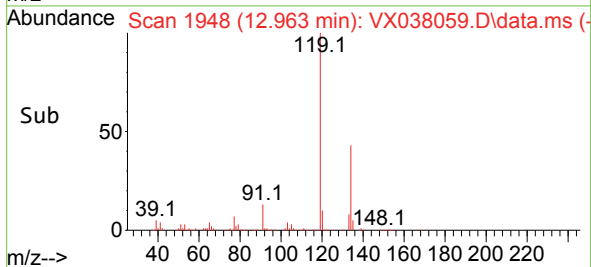
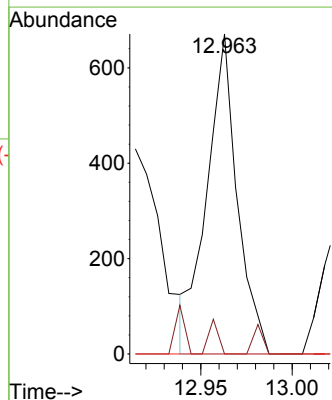
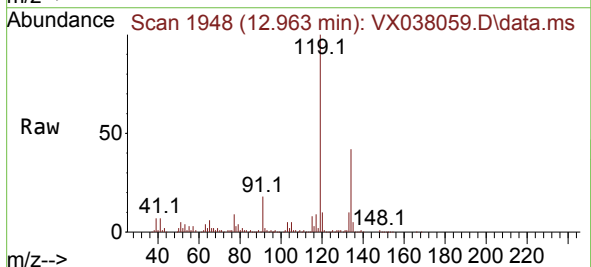
Instrument :
MSVOA_X
ClientSampleId :

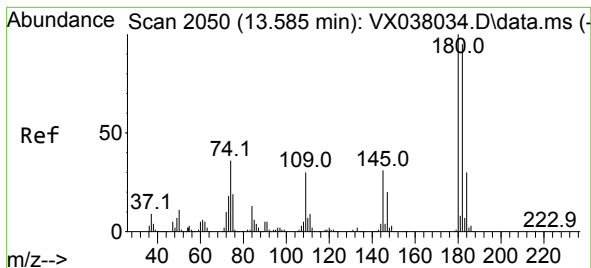
Tgt Ion:146 Resp: 3430
Ion Ratio Lower Upper
146 100
111 71.0 22.4 67.0#
148 60.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.284 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.024 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

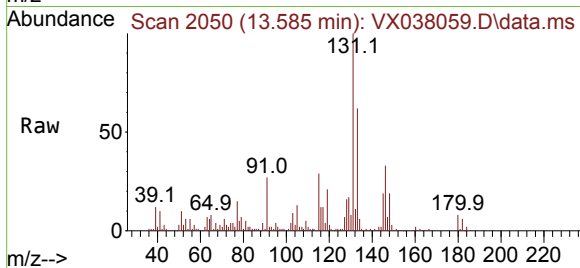
Tgt Ion: 75 Resp: 774
Ion Ratio Lower Upper
75 100
155 3.5 36.1 108.5#
157 0.0 44.9 134.7#



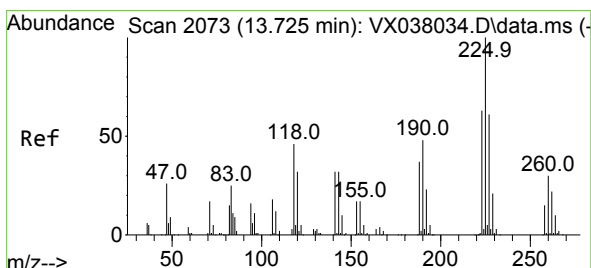
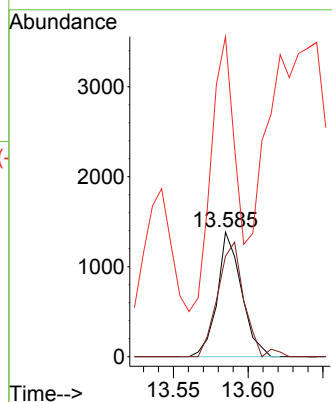
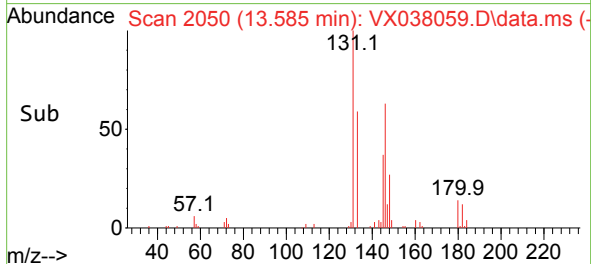


#93
1,2,4-Trichlorobenzene
Concen: 0.676 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51

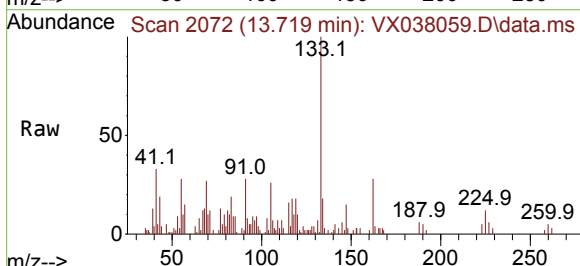
Instrument :
MSVOA_X
ClientSampleId :



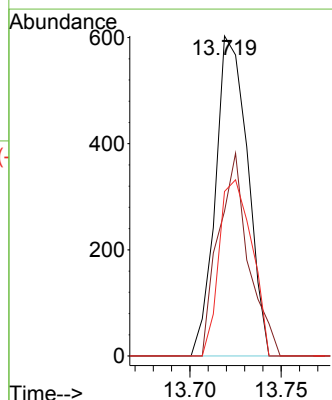
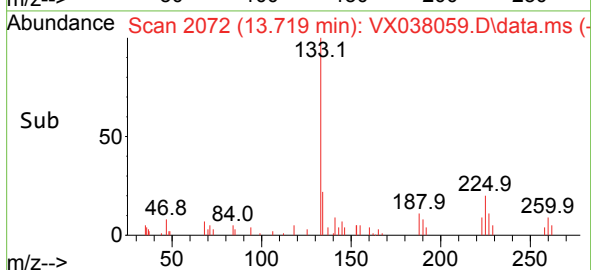
Tgt Ion:180 Resp: 1553
Ion Ratio Lower Upper
180 100
182 100.5 48.3 144.8
145 281.0 18.0 54.0#

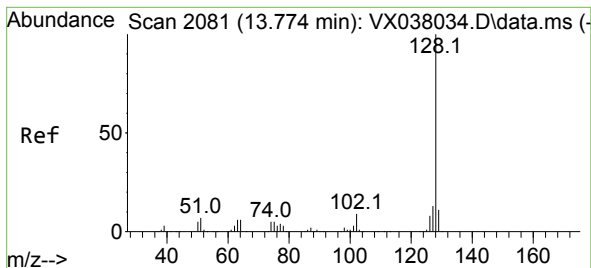


#94
Hexachlorobutadiene
Concen: 0.752 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX038059.D
Acq: 04 Oct 2023 12:51



Tgt Ion:225 Resp: 737
Ion Ratio Lower Upper
225 100
223 59.4 31.1 93.2
227 56.3 32.5 97.5





#95

Naphthalene

Concen: 21.830 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

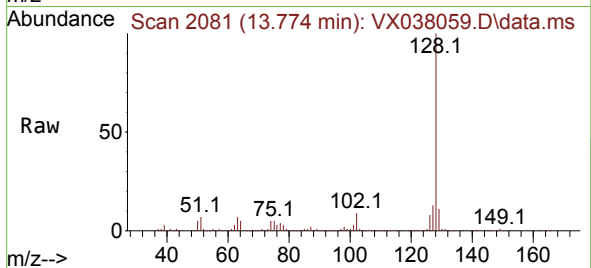
Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :



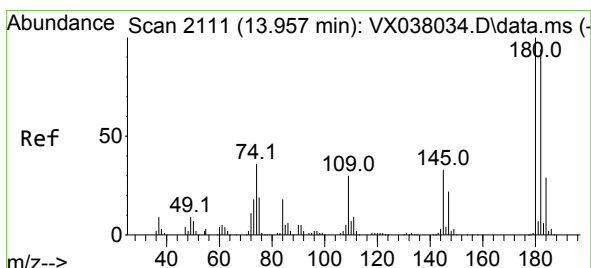
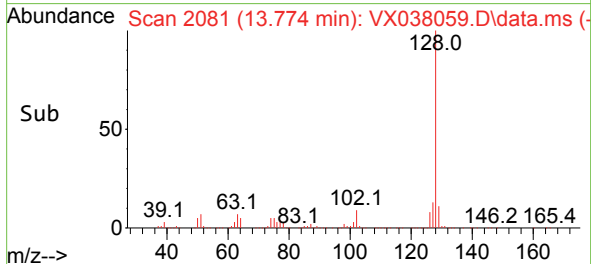
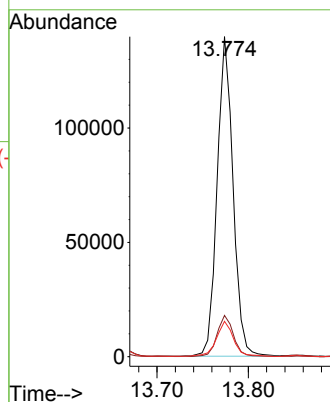
Tgt Ion:128 Resp: 169011

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 12.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.573 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038059.D

Acq: 04 Oct 2023 12:51

Tgt Ion:180 Resp: 1273

Ion Ratio Lower Upper

180 100

182 100.0 46.9 140.6

145 431.6 17.8 53.5#

