

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037396.D
 Acq On : 30 Aug 2023 18:08
 Operator : JC/MD
 Sample : 04201-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31989

Quant Time: Aug 31 02:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84291	42.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.340%
35) Dibromofluoromethane	5.385	113	68822	46.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.647	98	266013	49.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	97955	46.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%

Target Compounds						Qvalue
3) Chloromethane	1.313	50	346	0.246	ug/l #	43
5) Bromomethane	1.593	94	339	0.444	ug/l	82
6) Chloroethane	1.648	64	185	0.205	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	294	0.201	ug/l #	77
10) Methyl Iodide	2.453	142	454	0.255	ug/l #	79
11) Tert butyl alcohol	2.947	59	3417	7.287	ug/l #	78
13) Acrolein	2.239	56	293	0.821	ug/l #	60
15) Acrylonitrile	3.081	53	737	0.881	ug/l	92
16) Acetone	2.380	43	421075	538.450	ug/l #	87
17) Carbon Disulfide	2.508	76	1998	0.550	ug/l	96
20) Methylene Chloride	2.782	84	1295	0.741	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	467	0.288	ug/l #	75
23) Vinyl Acetate	3.733	43	1341	0.386	ug/l #	73
25) 2-Butanone	4.586	43	1780	1.512	ug/l	97
29) Tetrahydrofuran	5.038	42	623	0.830	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	623	0.294	ug/l #	65
38) Carbon Tetrachloride	5.550	117	14546	6.319	ug/l #	16
40) Benzene	6.044	78	1356	0.223	ug/l #	85
44) Trichloroethene	7.129	130	665	0.386	ug/l	71
49) 1,4-Dioxane	7.690	88	222	4.918	ug/l #	38
51) 4-Methyl-2-Pentanone	8.580	43	1322	0.633	ug/l	94
52) Toluene	8.720	92	32330	8.051	ug/l	99
59) 2-Hexanone	9.439	43	1130	0.710	ug/l	97
64) Tetrachloroethene	9.275	164	1141	0.773	ug/l	96
65) Chlorobenzene	10.079	112	1298	0.303	ug/l #	74
67) Ethyl Benzene	10.195	91	2366	0.314	ug/l	89
68) m/p-Xylenes	10.305	106	2208	0.759	ug/l	98
69) o-Xylene	10.646	106	921	0.321	ug/l	97
70) Styrene	10.665	104	1369	0.290	ug/l	96
73) Isopropylbenzene	10.963	105	2420	0.359	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	47766	24.212	ug/l #	38
77) Bromobenzene	11.195	156	590	0.359	ug/l	90
78) n-propylbenzene	11.305	91	3968	0.529	ug/l	95
79) 2-Chlorotoluene	11.366	91	2470	0.516	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3865	0.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	47766	67.625	ug/l #	5

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

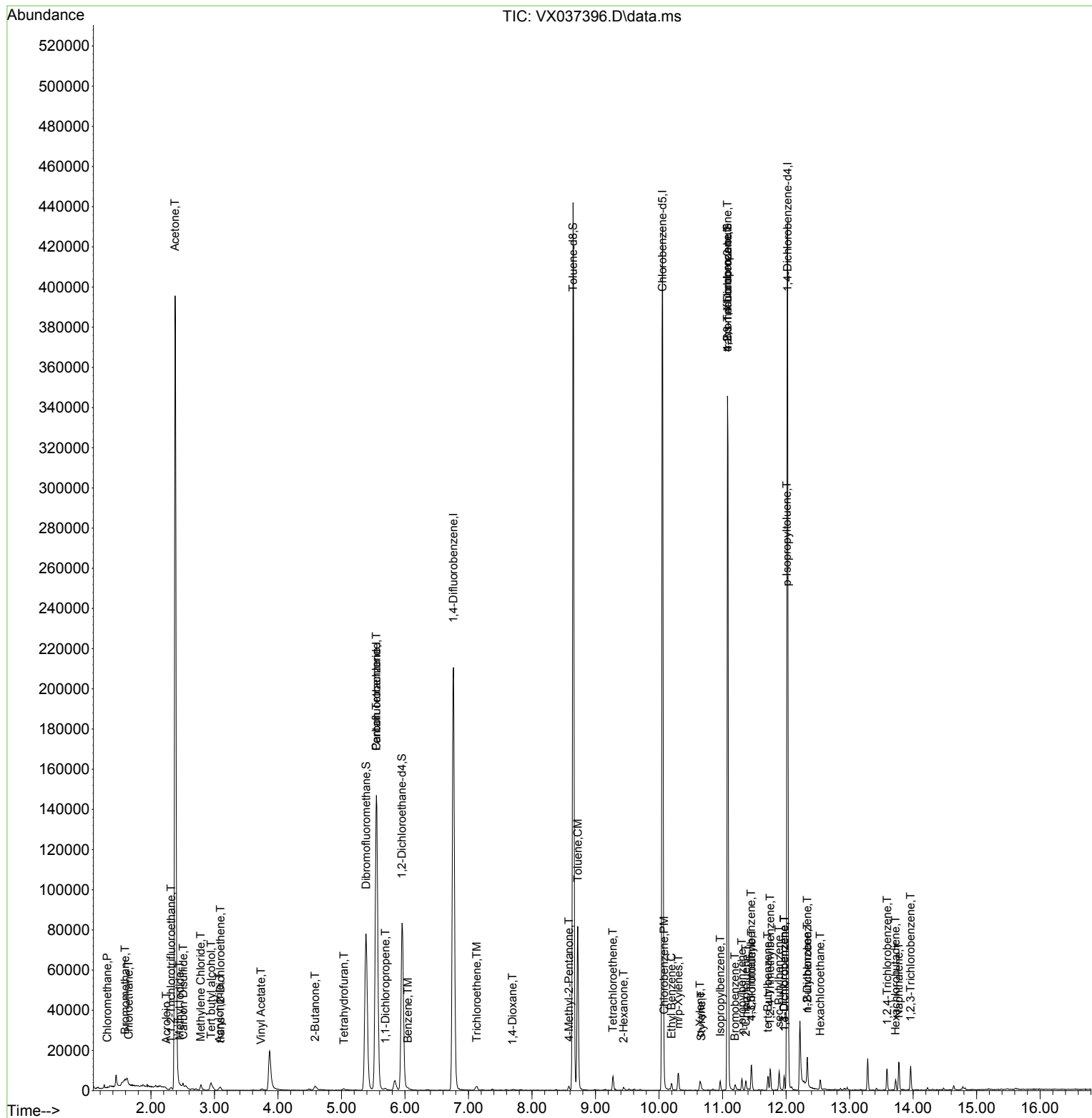
82) 4-Chlorotoluene	11.457	91	3525	0.637	ug/l	96
83) tert-Butylbenzene	11.713	119	2835	0.529	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	4903	0.864	ug/l	96
85) sec-Butylbenzene	11.890	105	4238	0.677	ug/l	98
86) p-Isopropyltoluene	12.012	119	4088	0.759	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	2426	0.788	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	2426	0.763	ug/l	98
89) n-Butylbenzene	12.335	91	4118	0.922	ug/l	95
90) Hexachloroethane	12.536	117	599	0.666	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	1892	0.628	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2684	1.522	ug/l	96
94) Hexachlorobutadiene	13.725	225	735	1.079	ug/l	95
95) Naphthalene	13.774	128	9663	1.251	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3084	1.760	ug/l	96

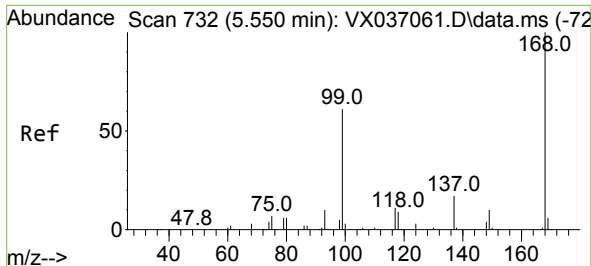
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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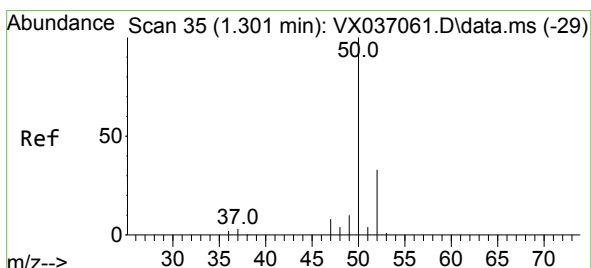
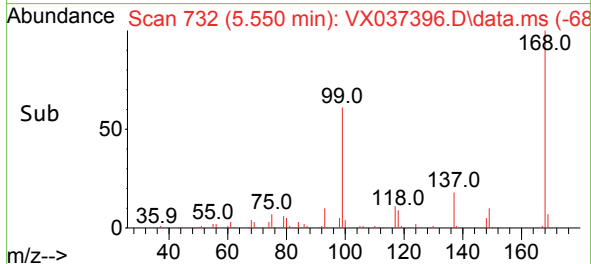
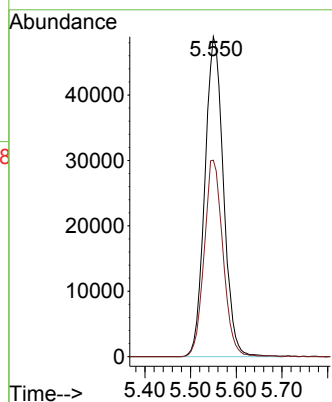
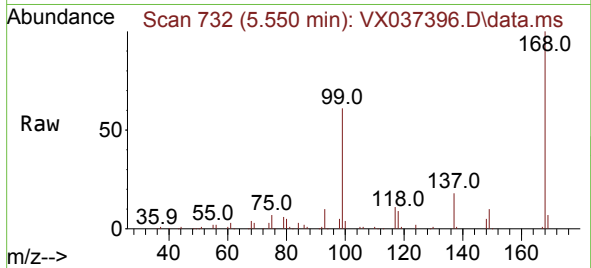




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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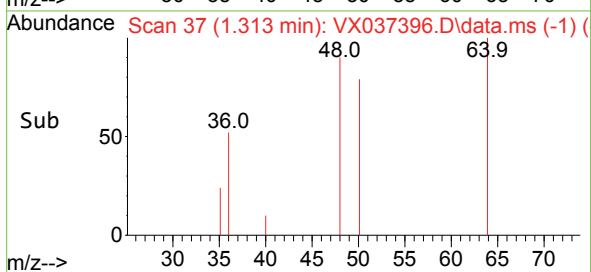
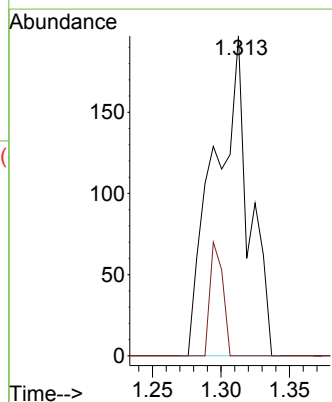
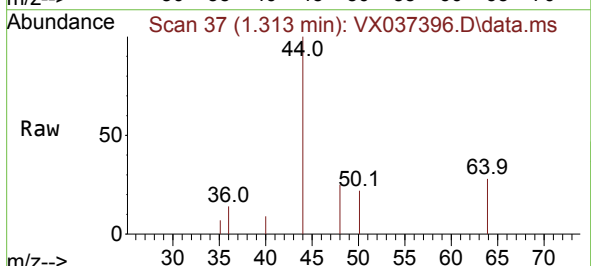
Instrument :
MSVOA_X
ClientSampleId :
31989

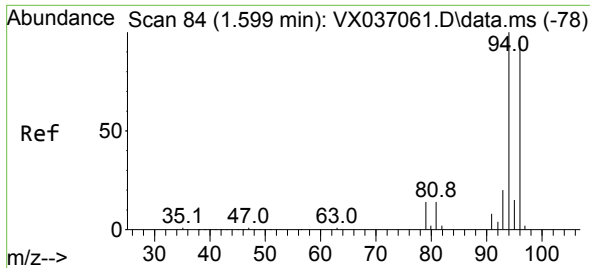
Tgt Ion:168 Resp: 138655
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

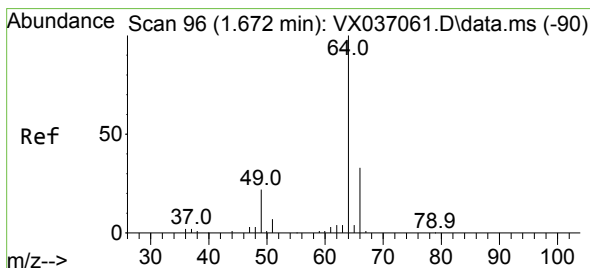
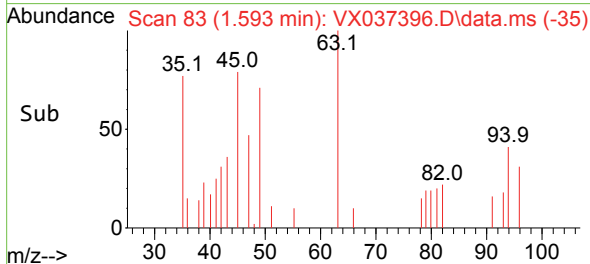
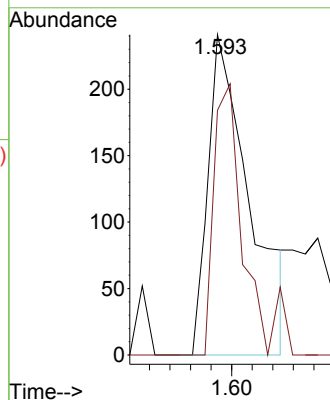
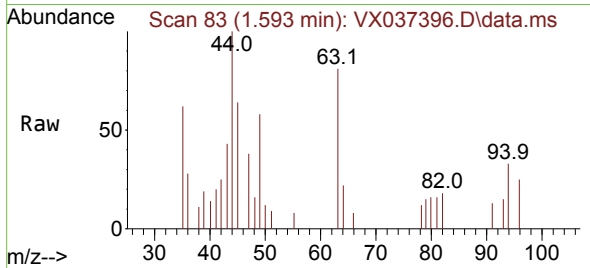




#5
Bromomethane
Concen: 0.444 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

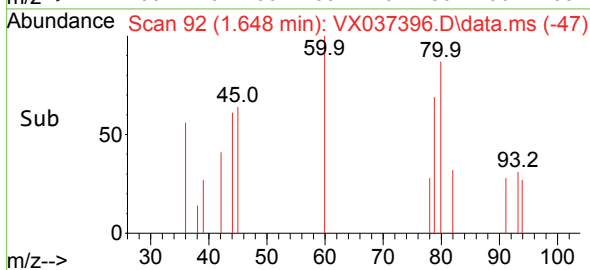
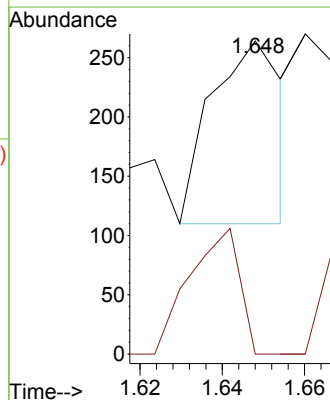
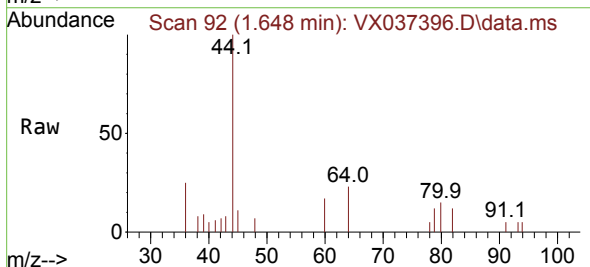
Instrument :
MSVOA_X
ClientSampleId :
31989

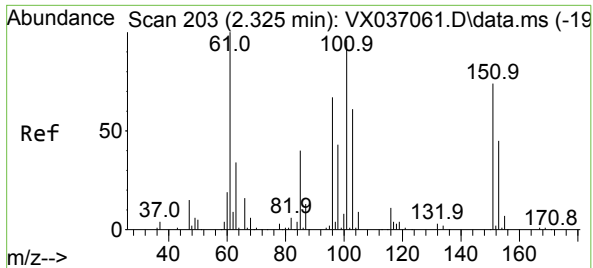
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 76.3 74.6 111.8



#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.024 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

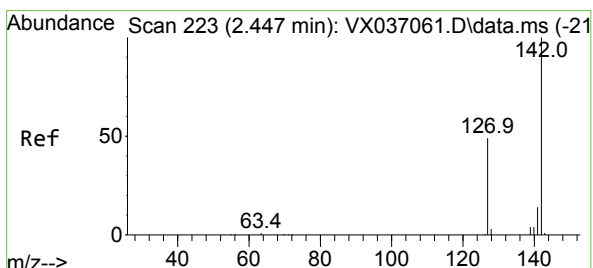
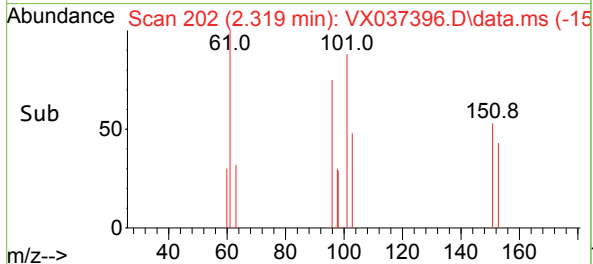
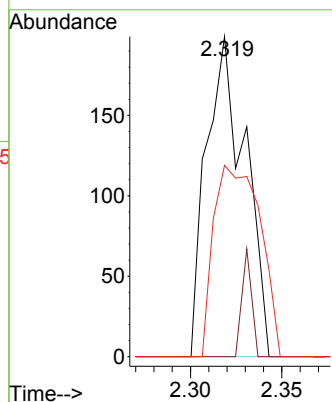
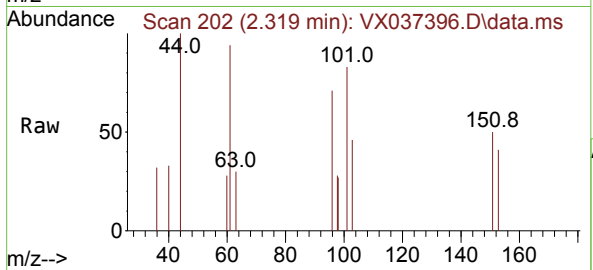




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.201 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

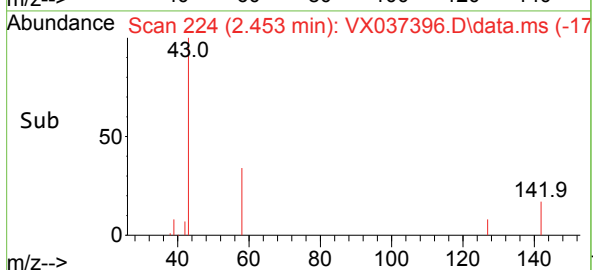
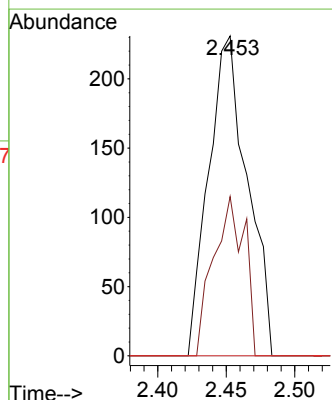
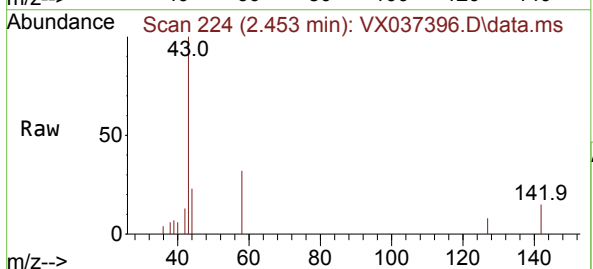
Instrument :
MSVOA_X
ClientSampleId :
31989

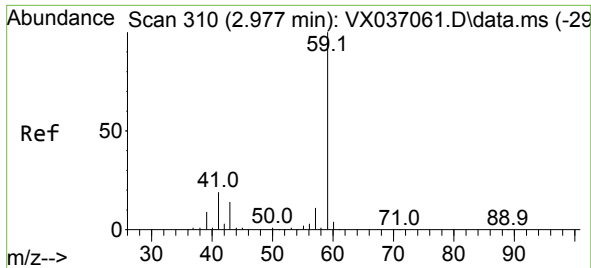
Tgt Ion:101 Resp: 294
Ion Ratio Lower Upper
101 100
85 8.5 37.0 55.6#
151 71.8 58.6 87.8



#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion:142 Resp: 454
Ion Ratio Lower Upper
142 100
127 40.1 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 7.287 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

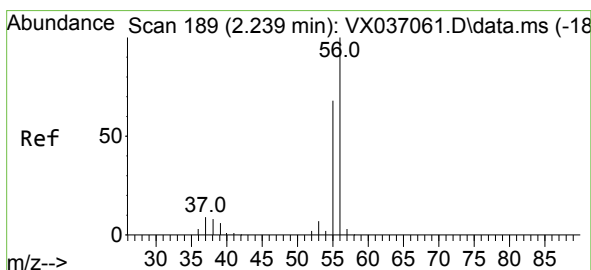
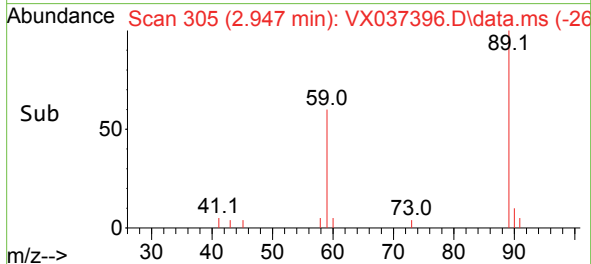
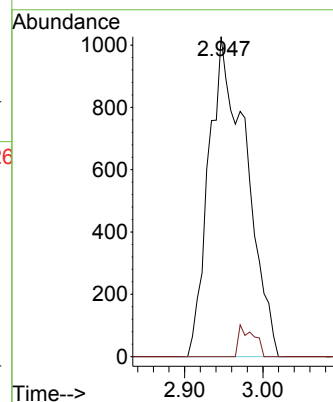
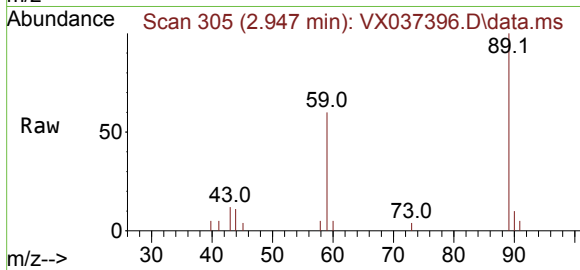
31989

Tgt Ion: 59 Resp: 3417

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.821 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037396.D

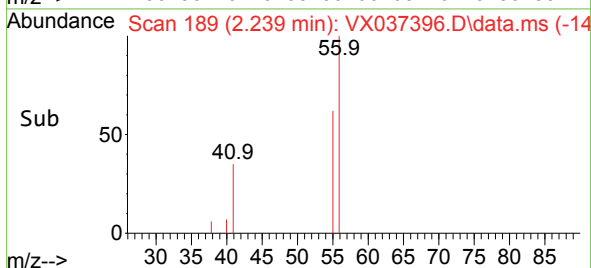
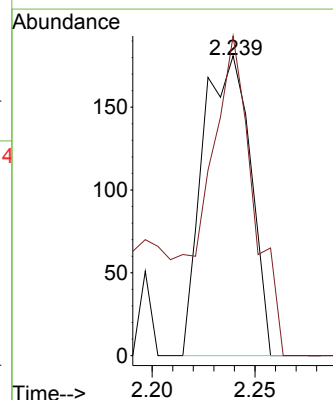
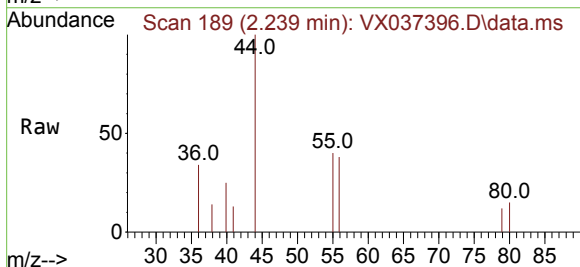
Acq: 30 Aug 2023 18:08

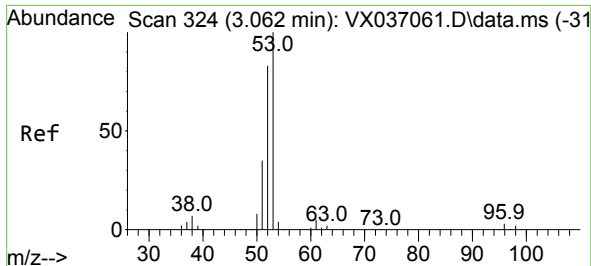
Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 104.4 57.1 85.7#

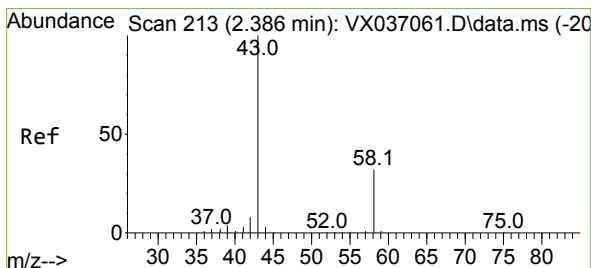
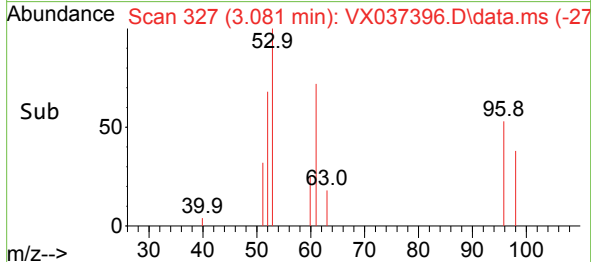
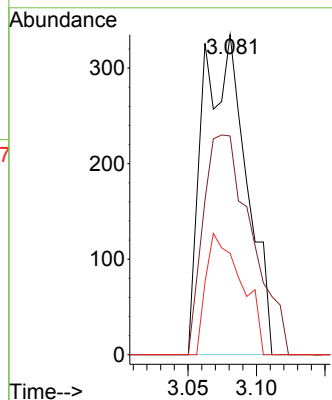
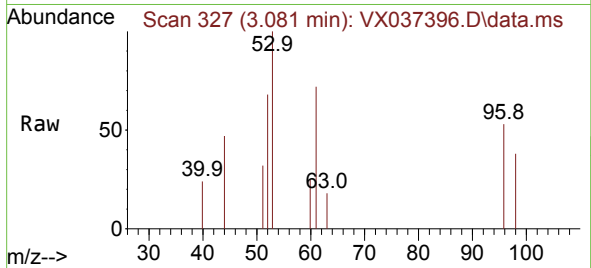




#15
Acrylonitrile
Concen: 0.881 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

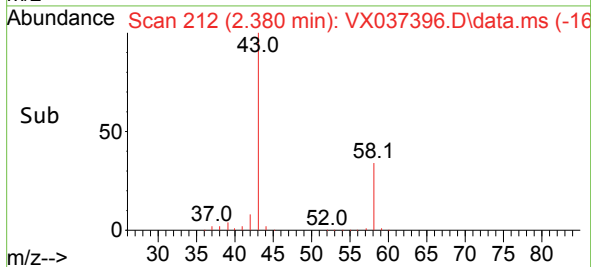
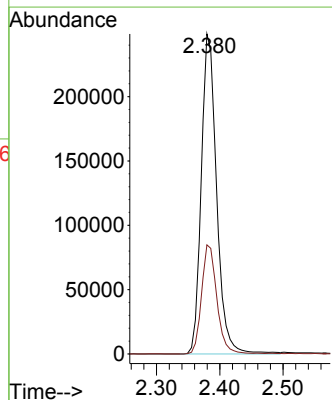
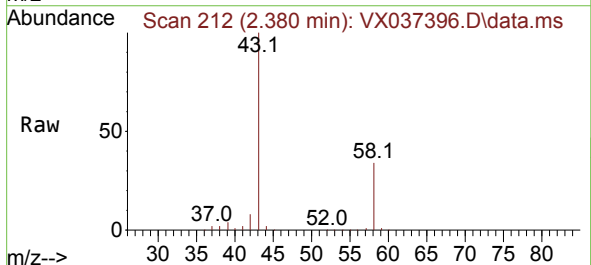
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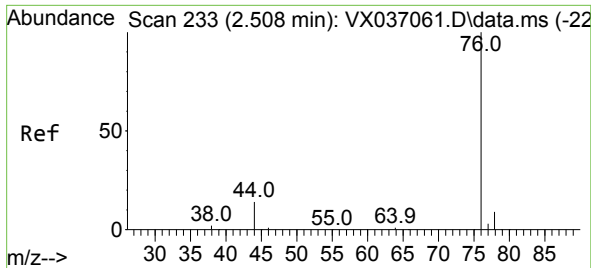
Tgt Ion: 53	Resp:	737	
Ion	Ratio	Lower	Upper
53	100		
52	76.7	66.0	99.0
51	31.3	29.8	44.6



#16
Acetone
Concen: 538.450 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
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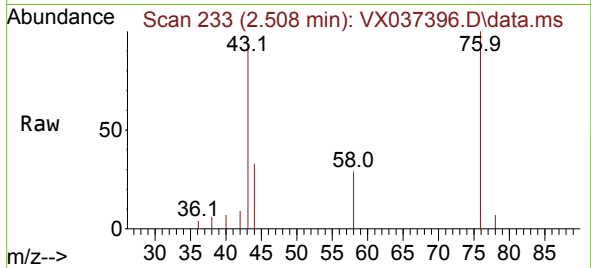
Tgt Ion: 43	Resp: 421075
Ion Ratio	Lower Upper
43 100	
58 34.1	21.9 32.9#



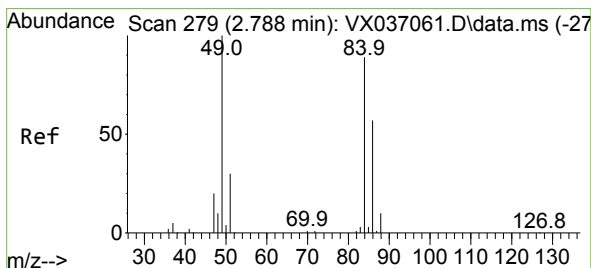
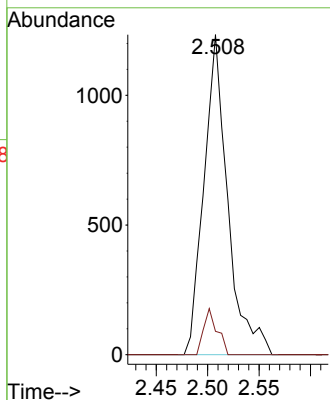
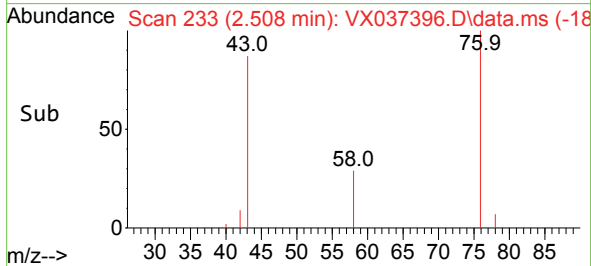


#17
Carbon Disulfide
Concen: 0.550 ug/l
RT: 2.508 min Scan# 219
Delta R.T. -0.000 min
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Instrument :
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ClientSampleId :
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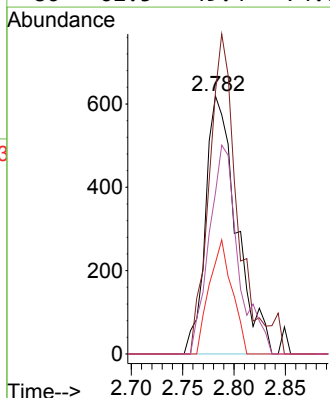
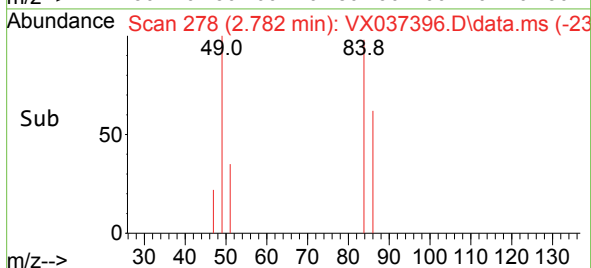
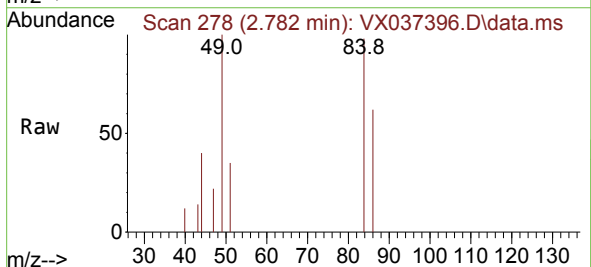


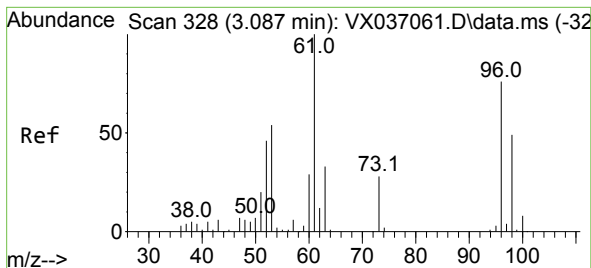
Tgt Ion: 76 Resp: 1998
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6



#20
Methylene Chloride
Concen: 0.741 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037396.D
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Tgt Ion: 84 Resp: 1295
Ion Ratio Lower Upper
84 100
49 101.6 103.6 155.4#
51 35.4 33.8 50.6
86 62.5 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 0.288 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

31989

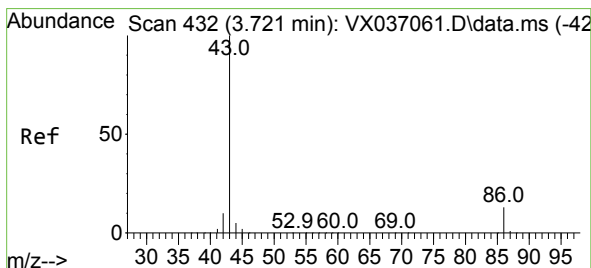
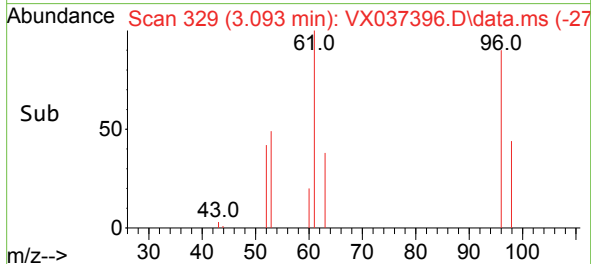
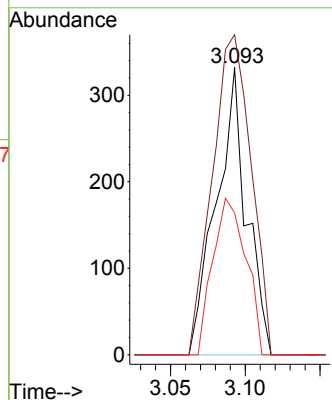
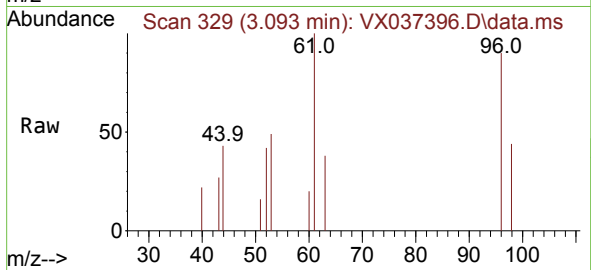
Tgt Ion: 96 Resp: 467

Ion Ratio Lower Upper

96 100

61 111.4 119.2 178.8#

98 49.4 48.7 73.1



#23

Vinyl Acetate

Concen: 0.386 ug/l

RT: 3.733 min Scan# 434

Delta R.T. 0.012 min

Lab File: VX037396.D

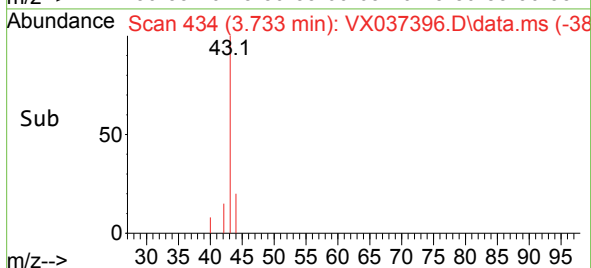
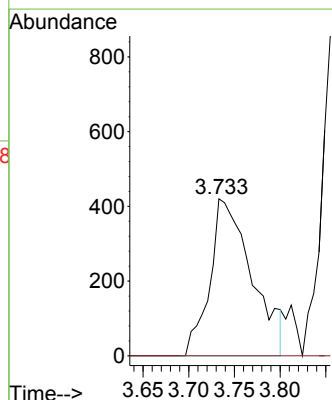
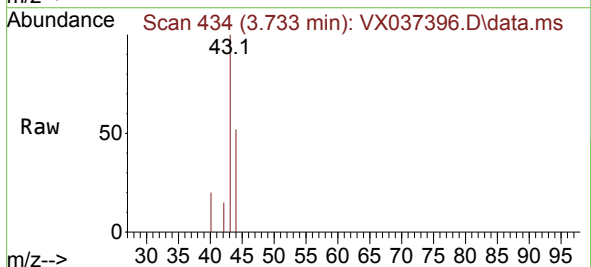
Acq: 30 Aug 2023 18:08

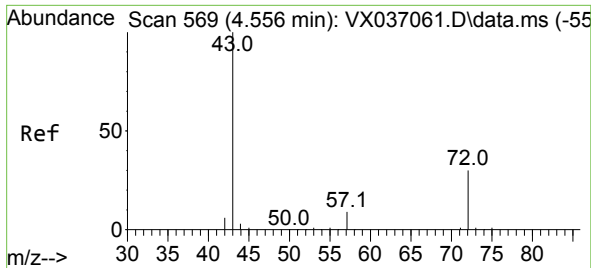
Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#

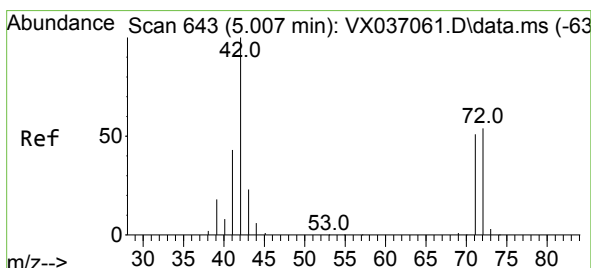
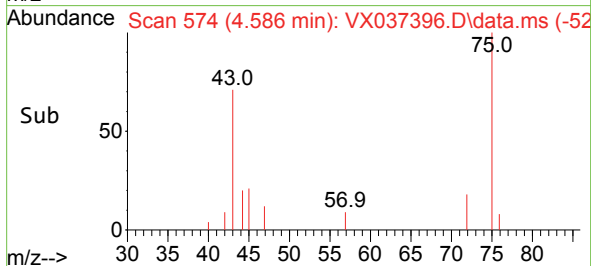
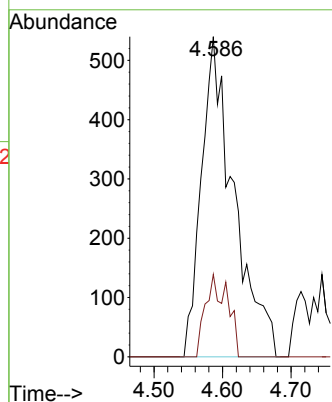
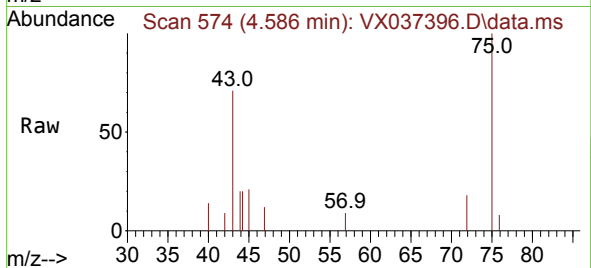




#25
2-Butanone
Concen: 1.512 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

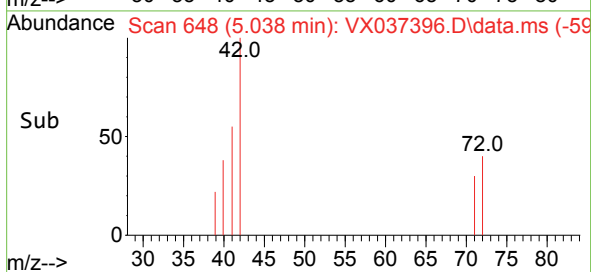
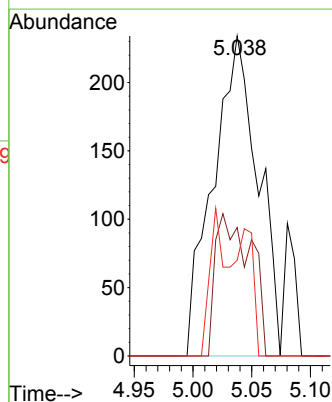
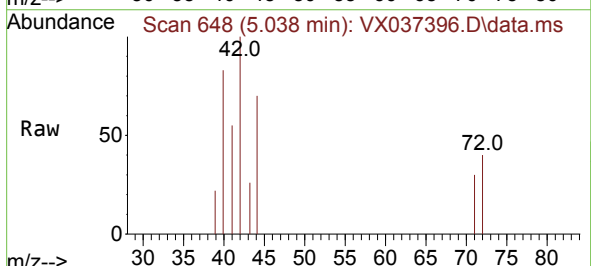
Instrument :
MSVOA_X
ClientSampleId :
31989

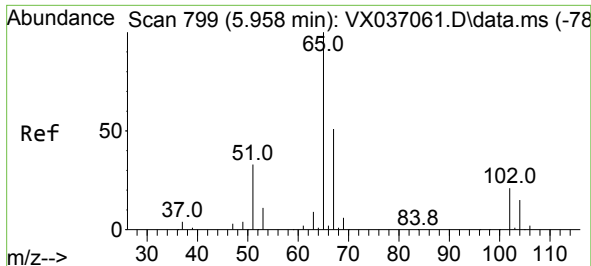
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.830 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.030 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 14.9 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 42.167 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

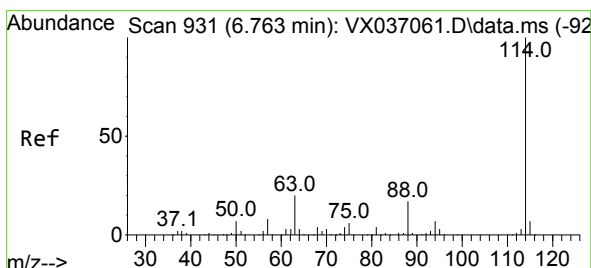
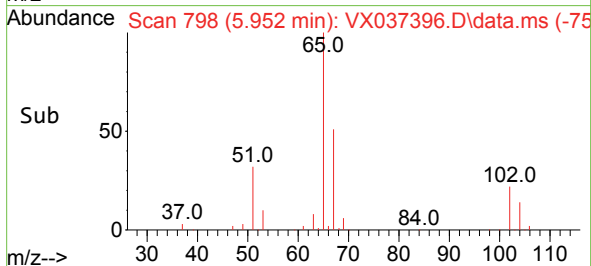
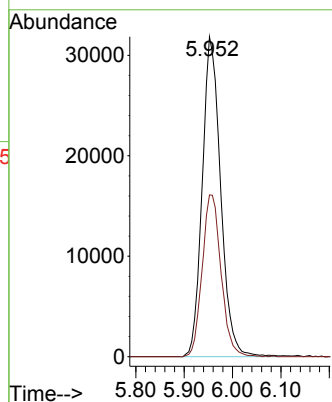
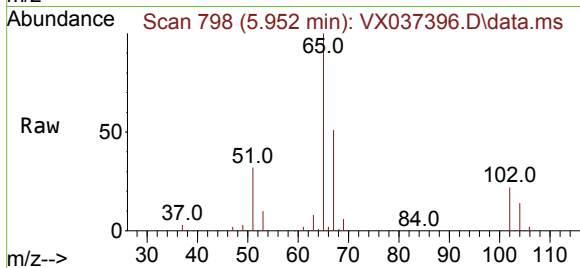
31989

Tgt Ion: 65 Resp: 84291

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

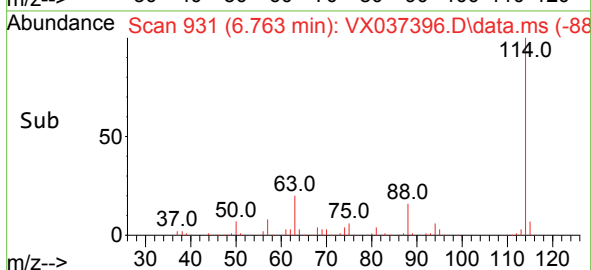
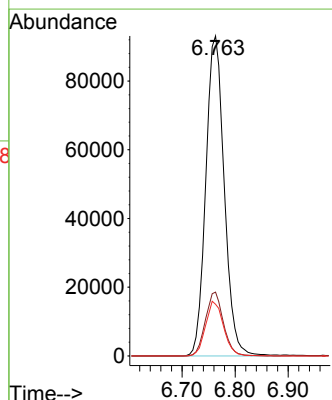
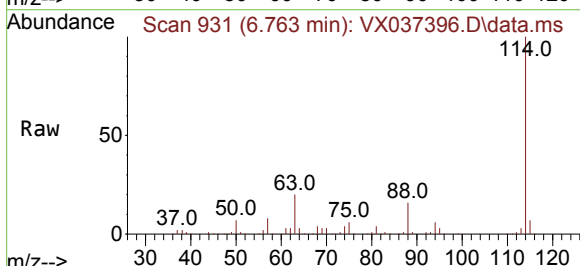
Tgt Ion: 114 Resp: 225227

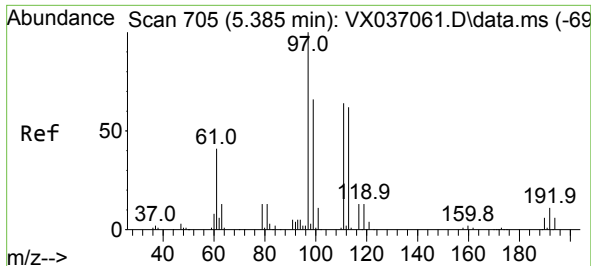
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.2 0.0 36.6

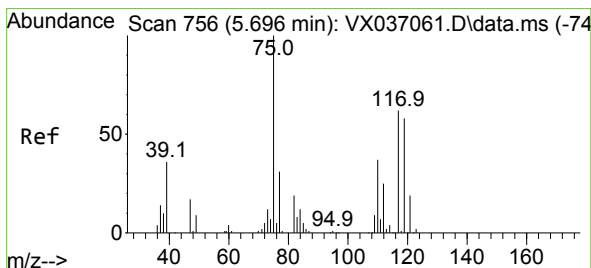
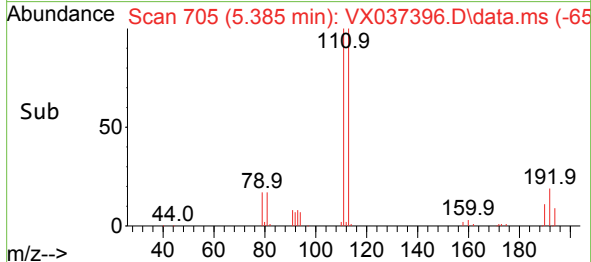
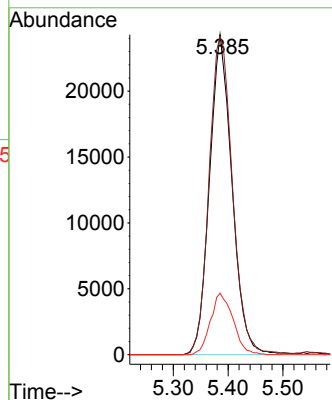
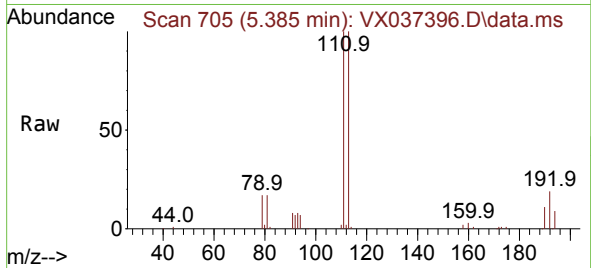




#35
Dibromofluoromethane
Concen: 46.139 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

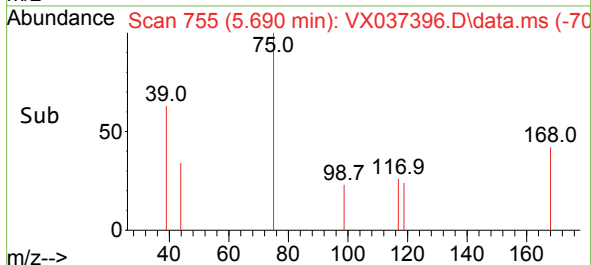
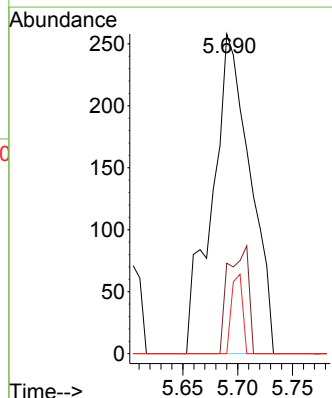
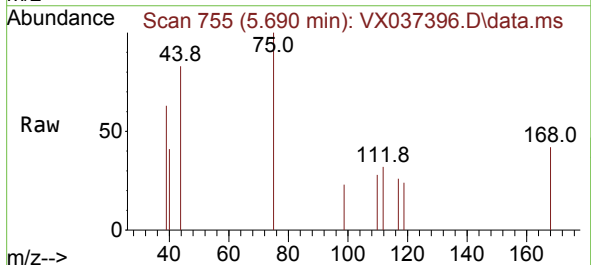
Instrument :
MSVOA_X
ClientSampleId :
31989

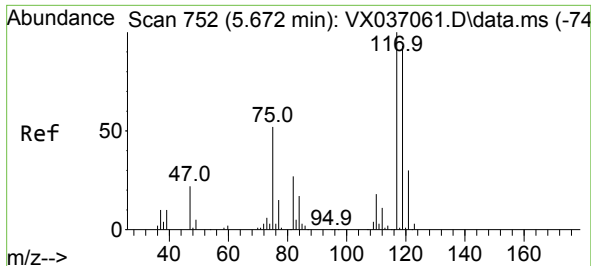
Tgt Ion:113 Resp: 68822
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.294 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

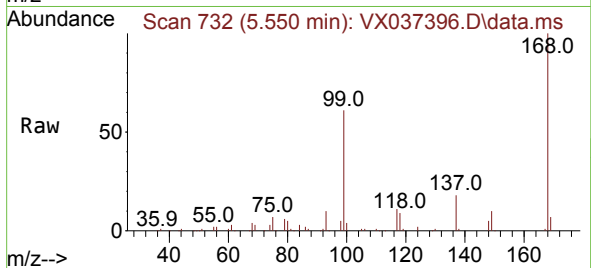
Tgt Ion: 75 Resp: 623
Ion Ratio Lower Upper
75 100
110 18.0 17.0 50.9
77 7.2 24.7 37.1#



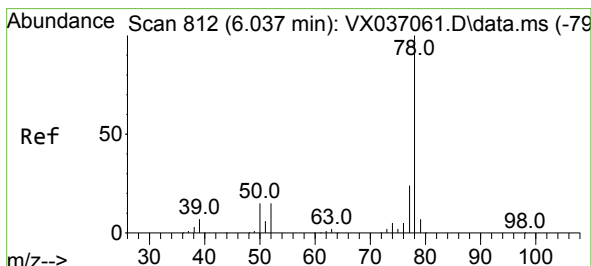
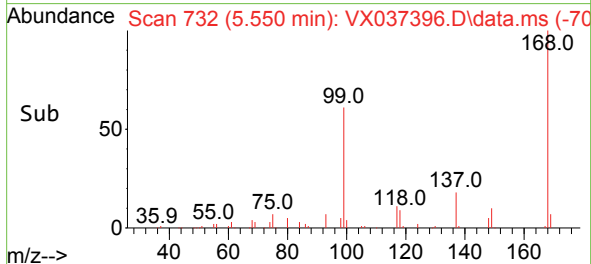
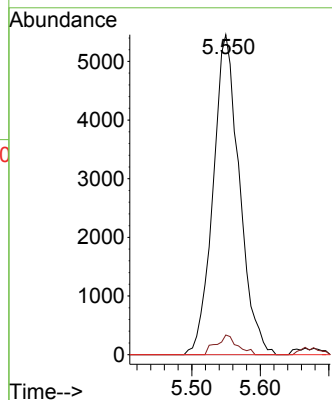


#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Instrument :
MSVOA_X
ClientSampleId :
31989

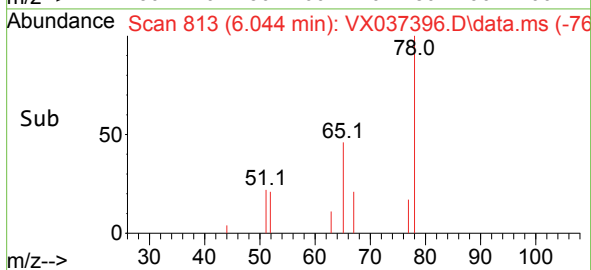
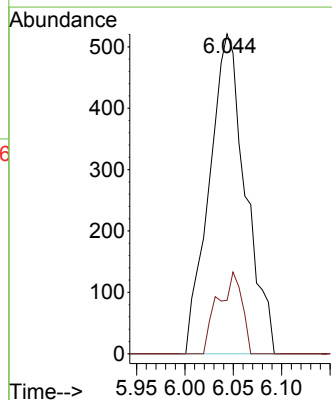
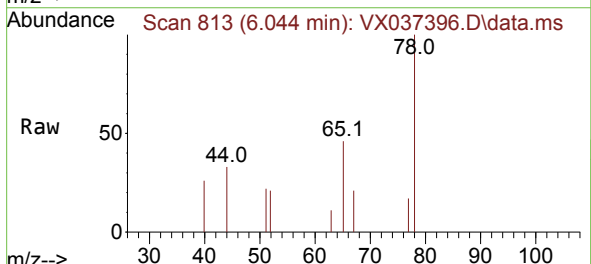


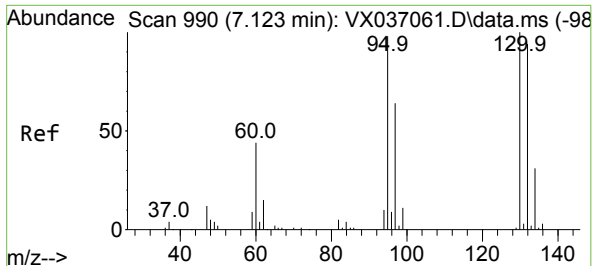
Tgt Ion:117 Resp: 14546
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.223 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 78 Resp: 1356
Ion Ratio Lower Upper
78 100
77 16.7 19.3 28.9#

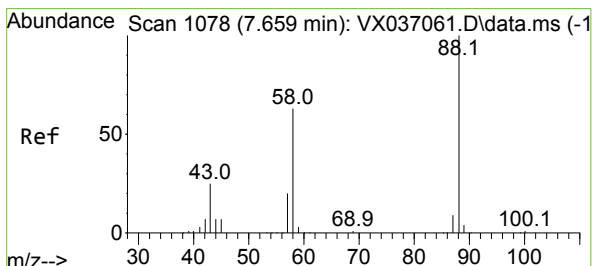
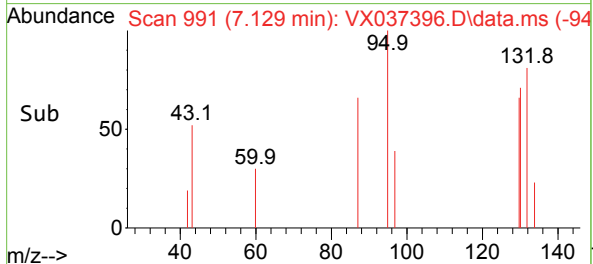
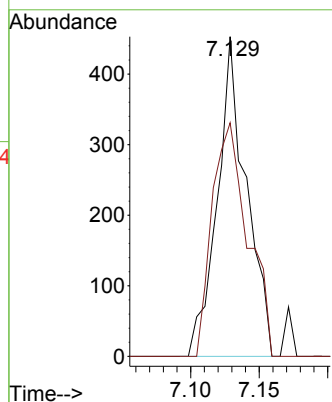
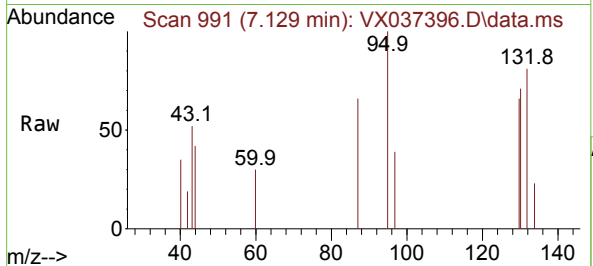




#44
Trichloroethene
Concen: 0.386 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

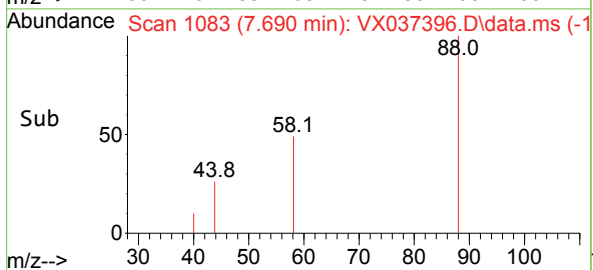
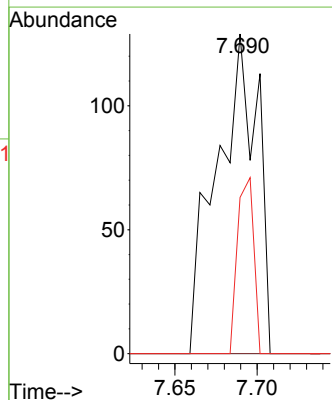
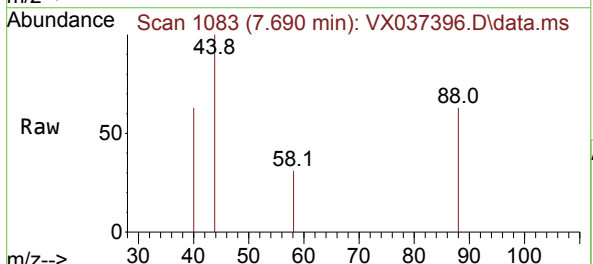
Instrument :
MSVOA_X
ClientSampleId :
31989

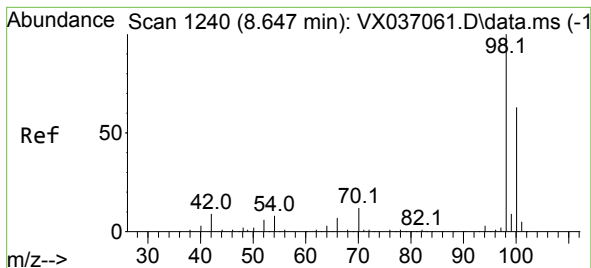
Tgt Ion:130 Resp: 665
Ion Ratio Lower Upper
130 100
95 73.1 0.0 204.4



#49
1,4-Dioxane
Concen: 4.918 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.030 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 88 Resp: 222
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 22.1 60.1 90.1#





#50

Toluene-d8

Concen: 49.164 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

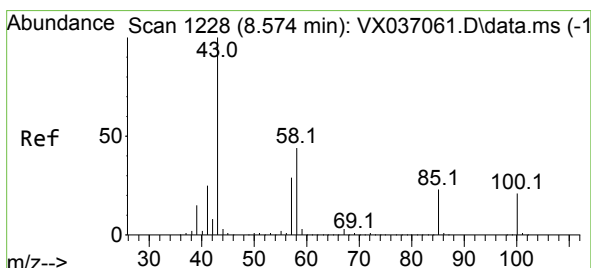
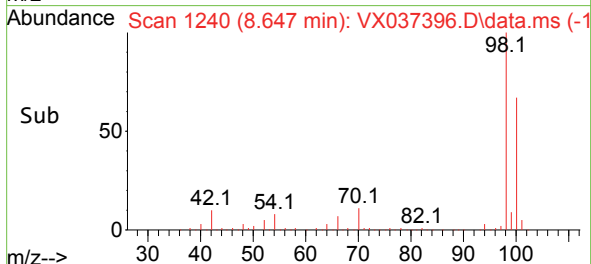
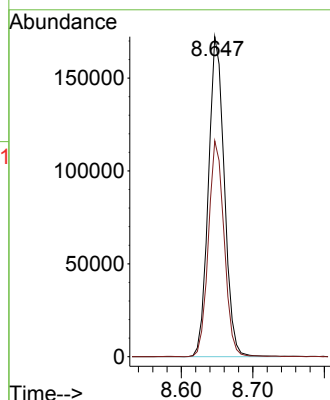
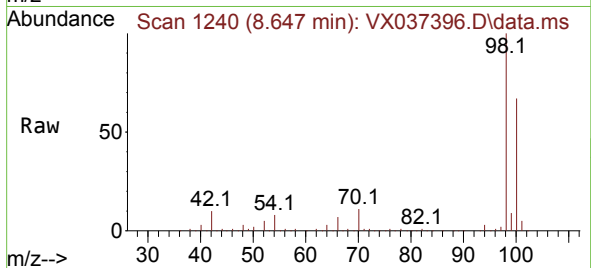
31989

Tgt Ion: 98 Resp: 266013

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.633 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX037396.D

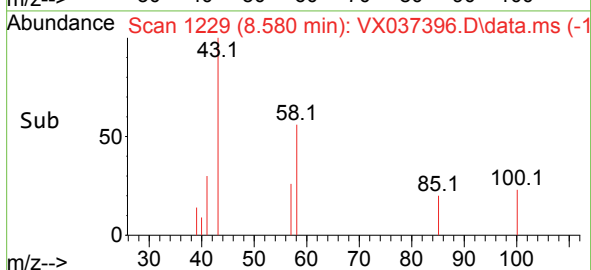
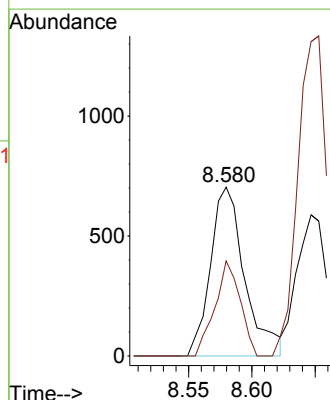
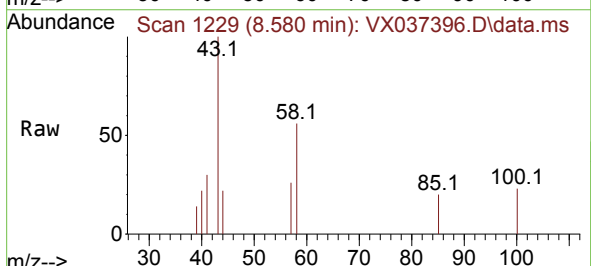
Acq: 30 Aug 2023 18:08

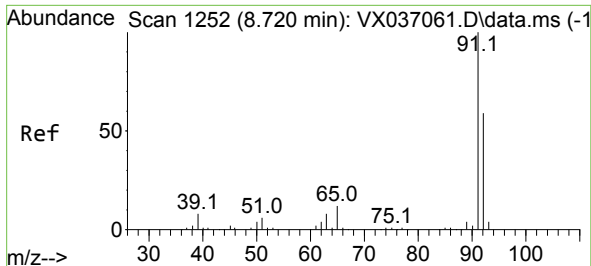
Tgt Ion: 43 Resp: 1322

Ion Ratio Lower Upper

43 100

58 41.5 30.4 45.6

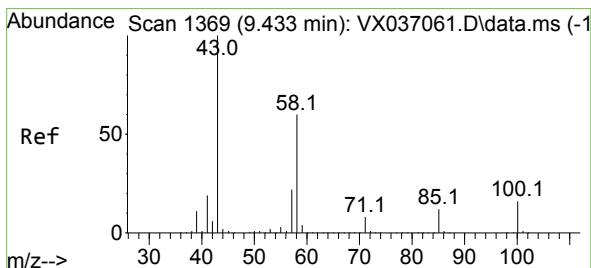
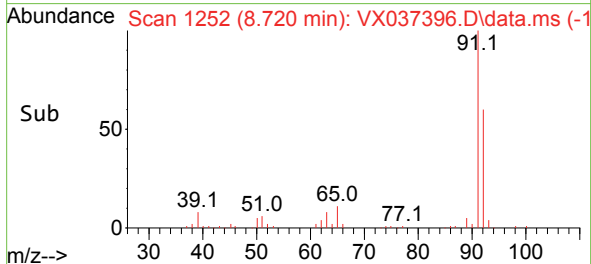
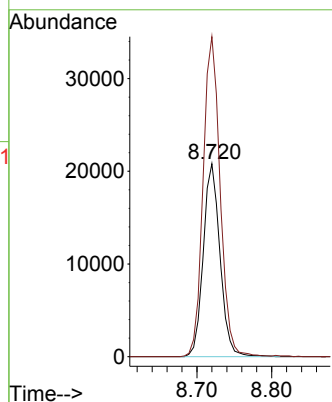
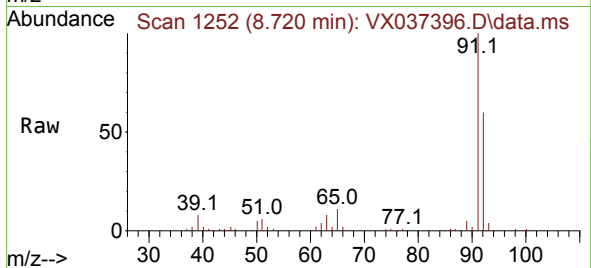




#52
Toluene
Concen: 8.051 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

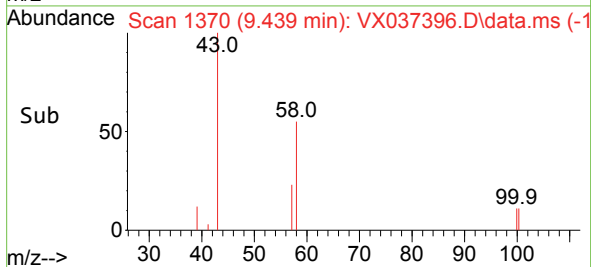
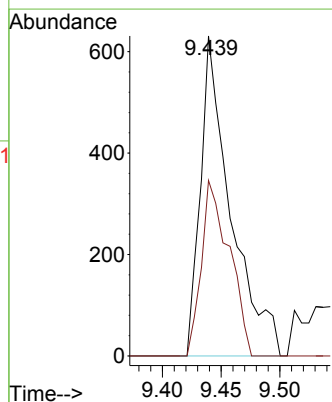
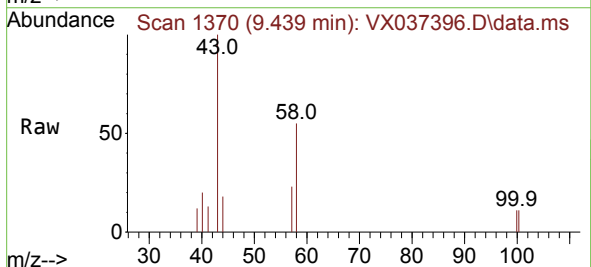
Instrument :
MSVOA_X
ClientSampleId :
31989

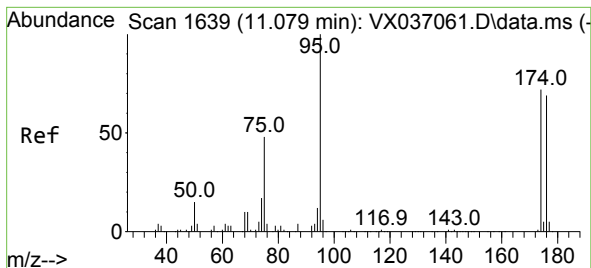
Tgt Ion: 92 Resp: 32330
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2



#59
2-Hexanone
Concen: 0.710 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 50.4 26.2 78.5

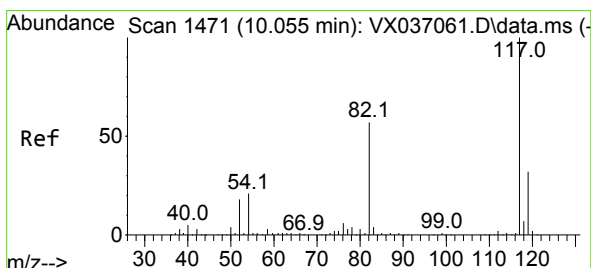
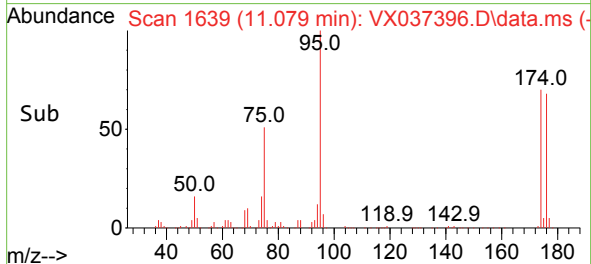
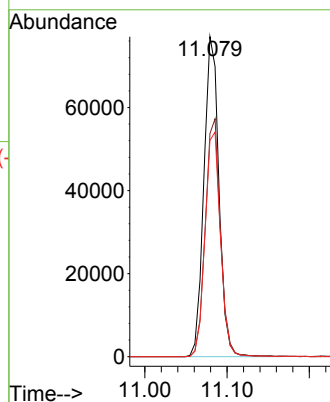
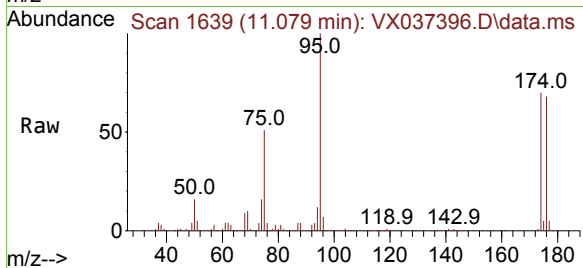




#62
4-Bromofluorobenzene
Concen: 46.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

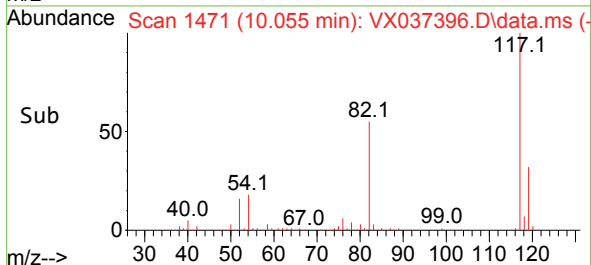
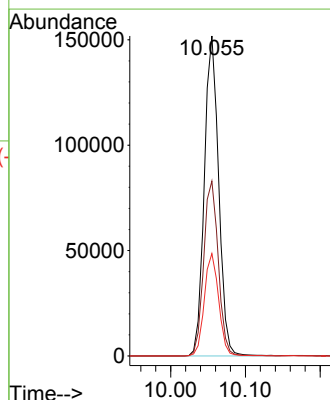
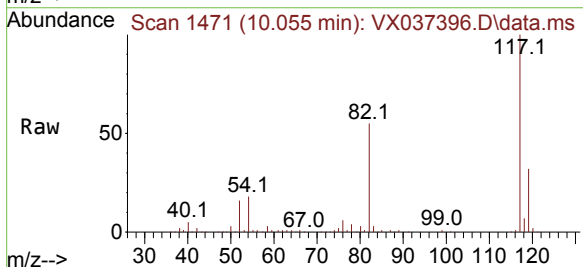
Instrument :
MSVOA_X
ClientSampleId :
31989

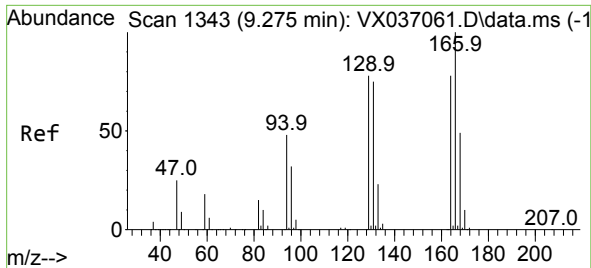
Tgt Ion: 95 Resp: 97955
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 117 Resp: 202437
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.0 25.5 38.3

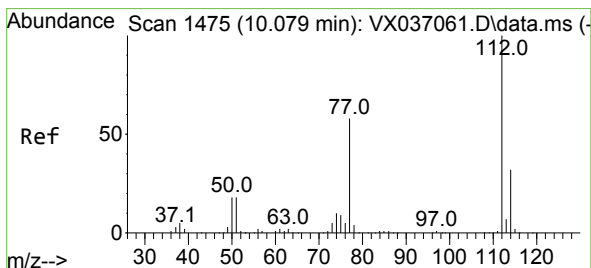
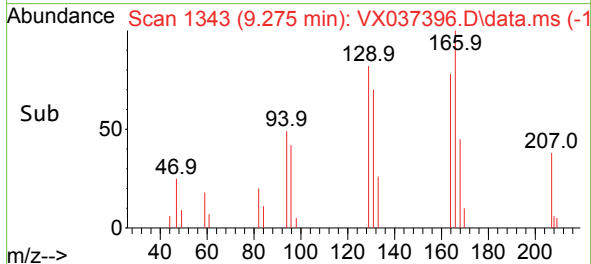
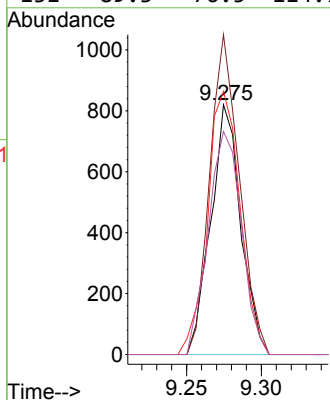
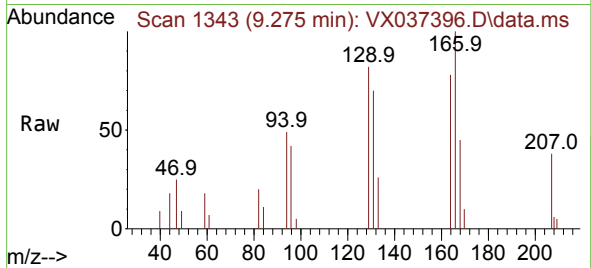




#64
Tetrachloroethene
Concen: 0.773 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

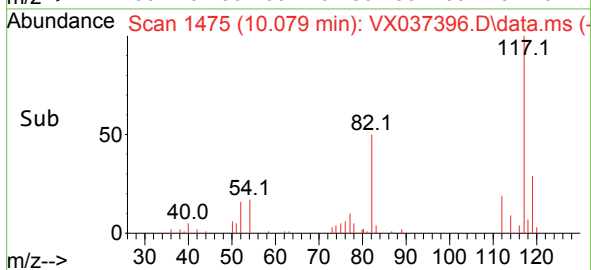
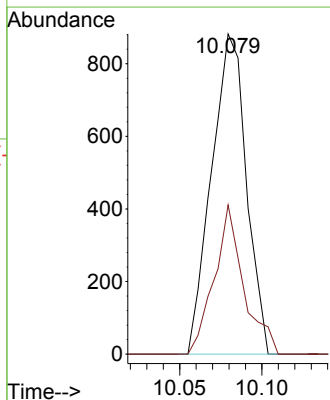
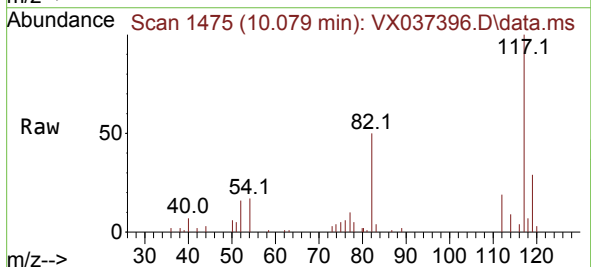
Instrument :
MSVOA_X
ClientSampleId :
31989

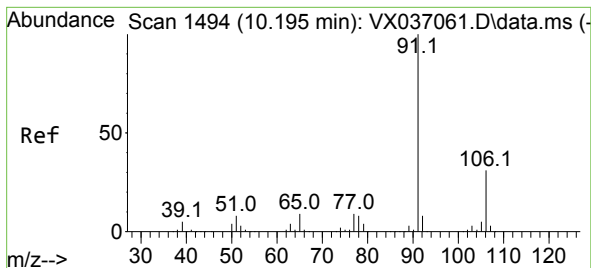
Tgt	Ion:164	Resp:	1141
Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.7	154.1
129	105.4	80.4	120.6
131	89.3	76.5	114.7



#65
Chlorobenzene
Concen: 0.303 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion:112	Resp:	1298	
Ion	Ratio	Lower	Upper
112	100		
114	46.6	25.7	38.5#





#67

Ethyl Benzene

Concen: 0.314 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

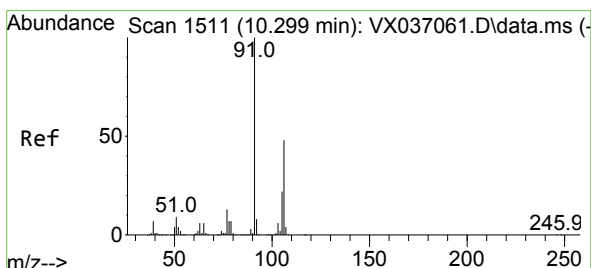
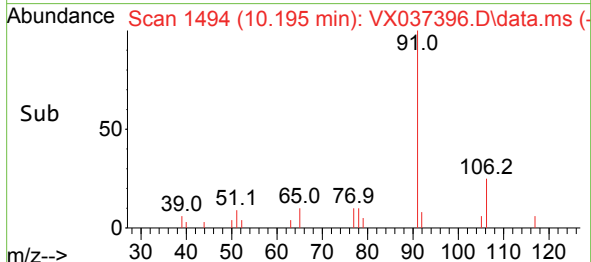
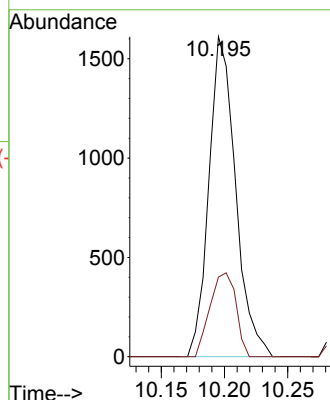
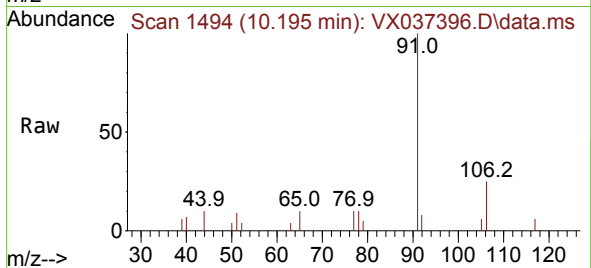
31989

Tgt Ion: 91 Resp: 2366

Ion Ratio Lower Upper

91 100

106 24.9 24.9 37.3



#68

m/p-Xylenes

Concen: 0.759 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037396.D

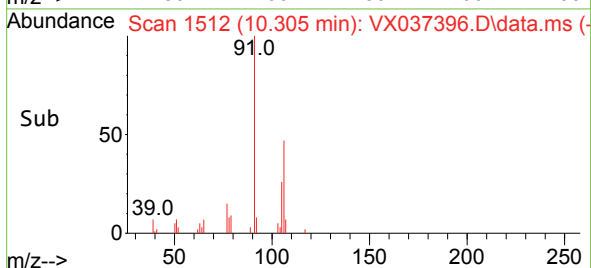
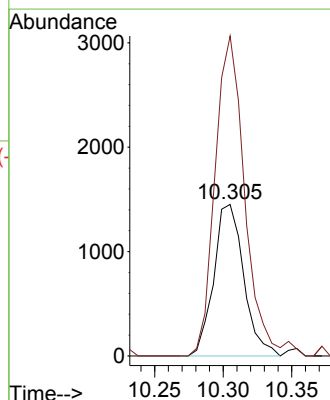
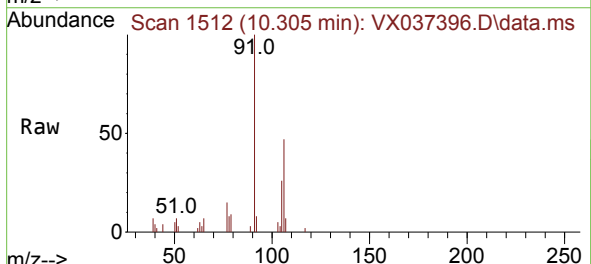
Acq: 30 Aug 2023 18:08

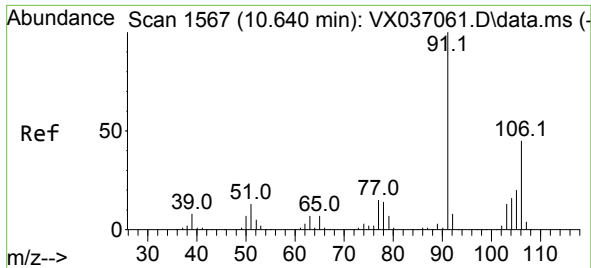
Tgt Ion: 106 Resp: 2208

Ion Ratio Lower Upper

106 100

91 210.4 165.5 248.3

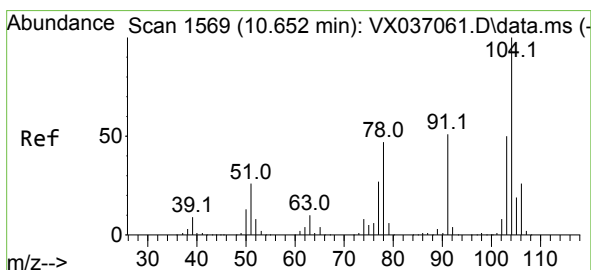
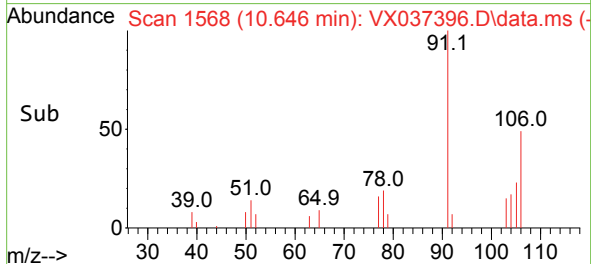
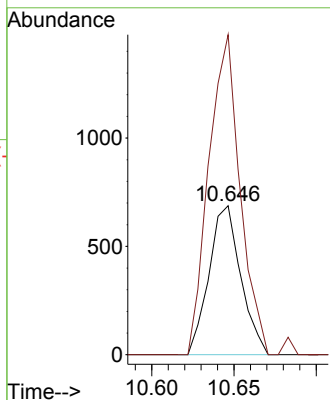
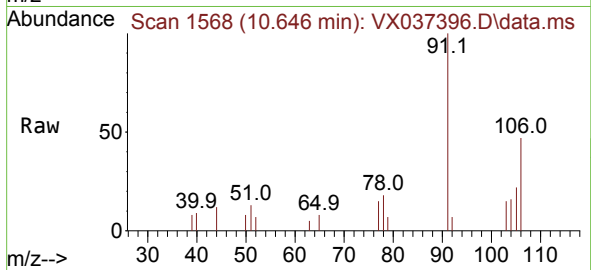




#69
o-Xylene
Concen: 0.321 ug/l
RT: 10.646 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

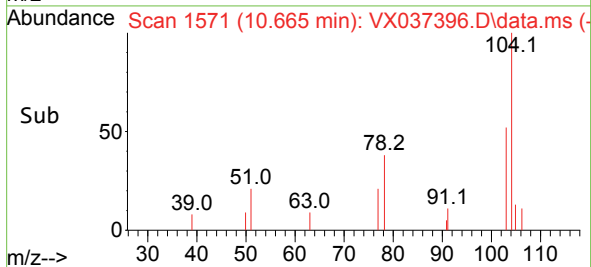
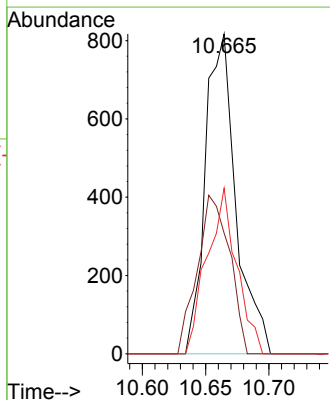
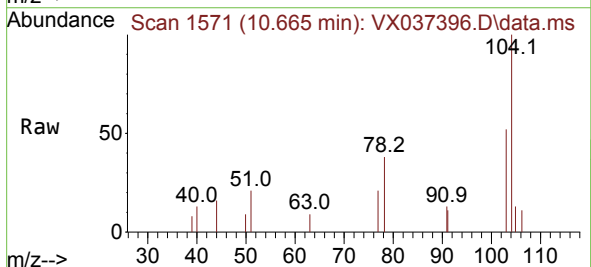
Instrument :
MSVOA_X
ClientSampleId :
31989

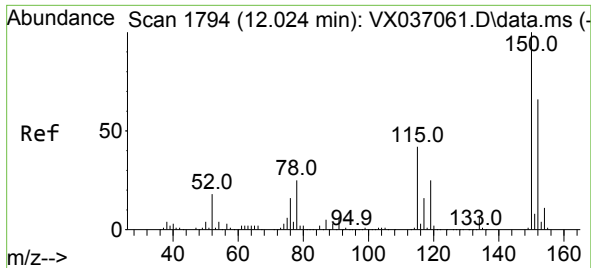
Tgt Ion:106 Resp: 921
Ion Ratio Lower Upper
106 100
91 212.4 108.9 326.8



#70
Styrene
Concen: 0.290 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.013 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion:104 Resp: 1369
Ion Ratio Lower Upper
104 100
78 52.5 43.6 65.4
103 50.7 43.6 65.4

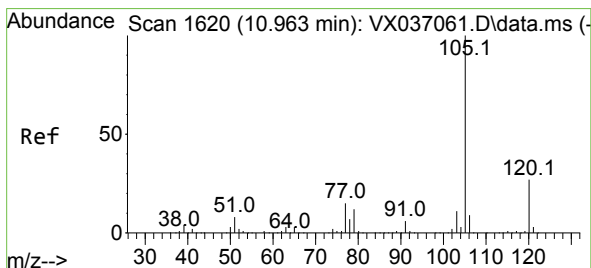
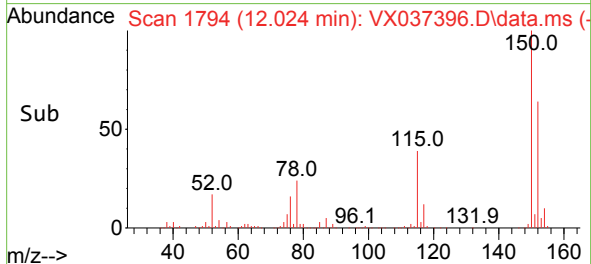
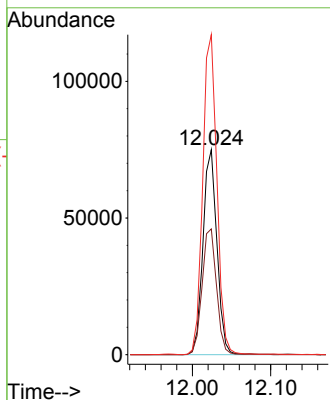
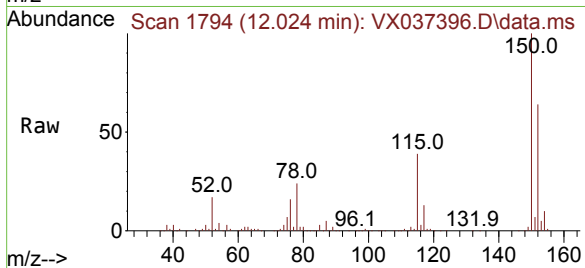




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

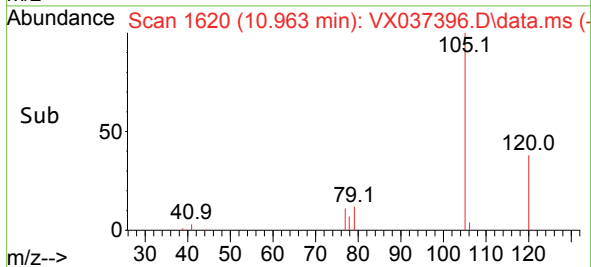
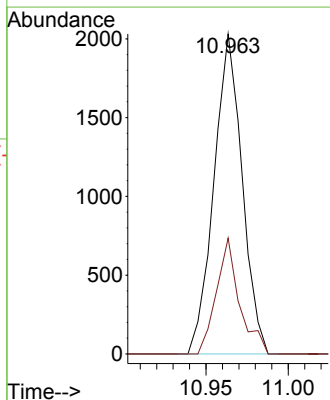
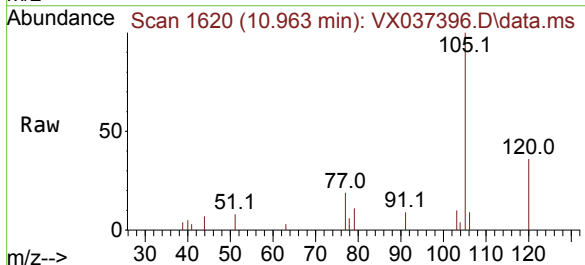
Instrument :
MSVOA_X
ClientSampleId :
31989

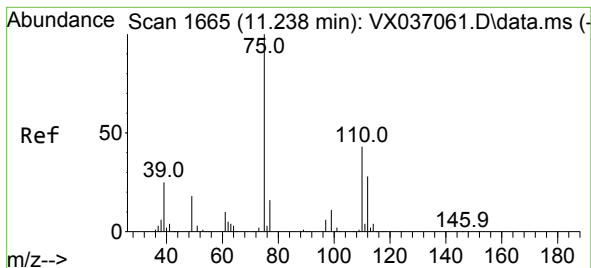
Tgt Ion:152 Resp: 92635
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 158.3 0.0 345.0



#73
Isopropylbenzene
Concen: 0.359 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion:105 Resp: 2420
Ion Ratio Lower Upper
105 100
120 29.6 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 24.212 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

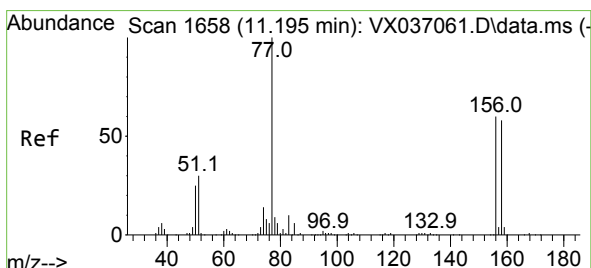
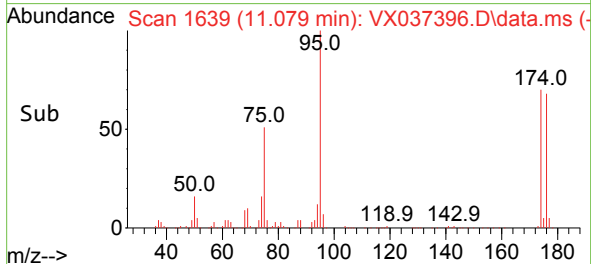
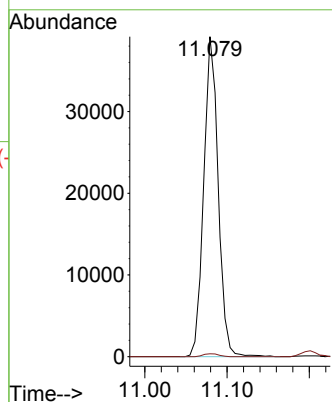
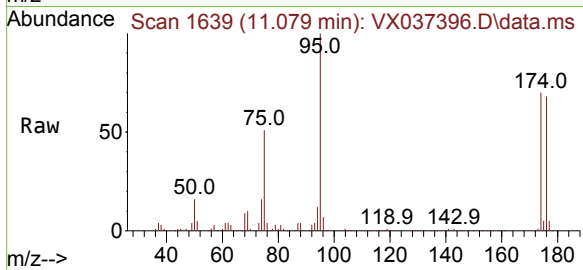
31989

Tgt Ion: 75 Resp: 47766

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#77

Bromobenzene

Concen: 0.359 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

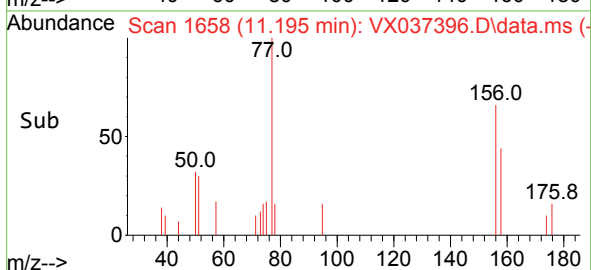
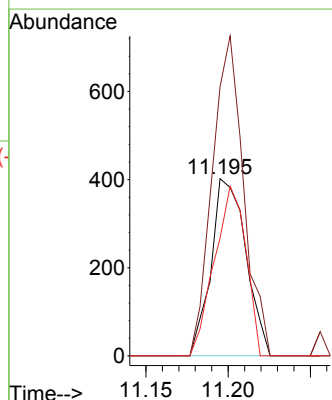
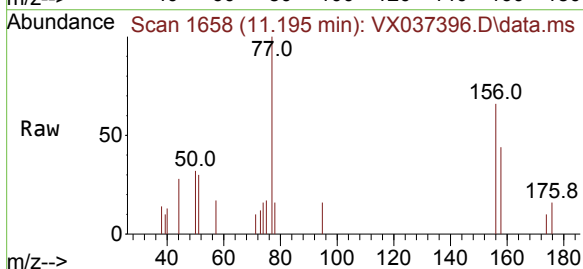
Tgt Ion: 156 Resp: 590

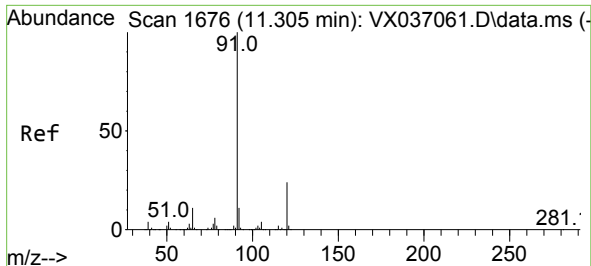
Ion Ratio Lower Upper

156 100

77 162.9 88.4 265.3

158 86.6 48.0 144.0

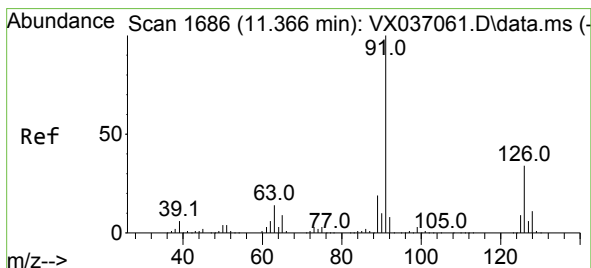
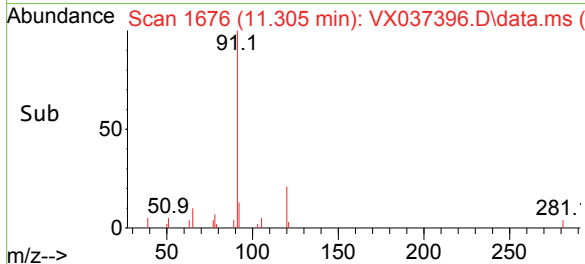
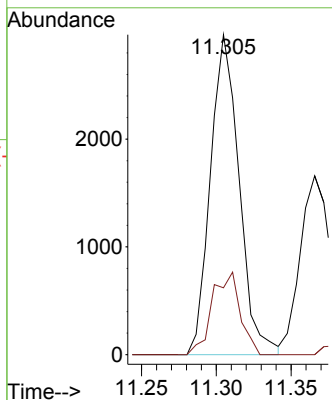
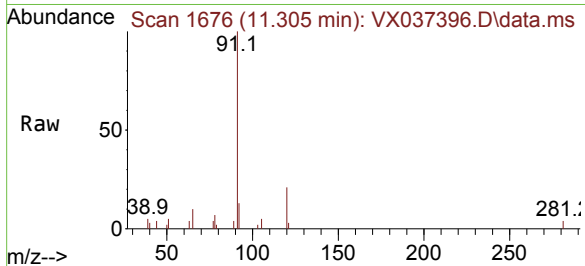




#78
n-propylbenzene
Concen: 0.529 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

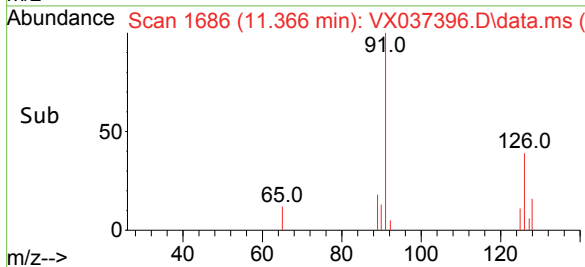
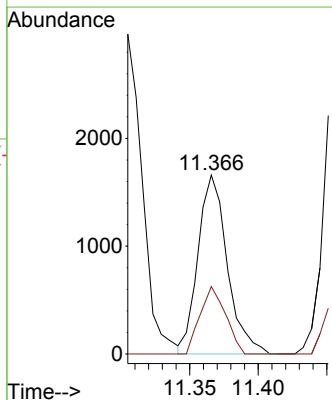
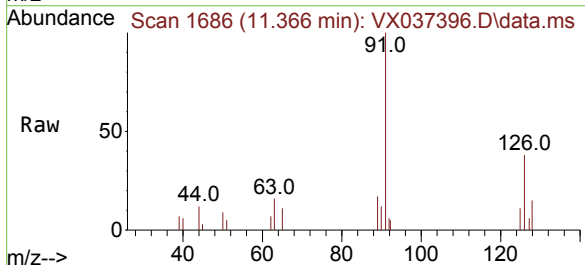
Instrument :
MSVOA_X
ClientSampleId :
31989

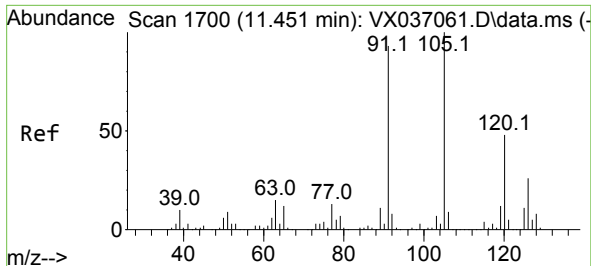
Tgt Ion: 91 Resp: 3968
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.516 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 91 Resp: 2470
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

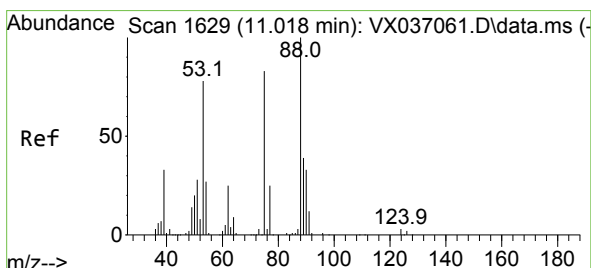
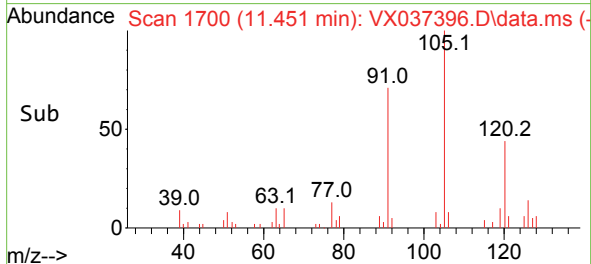
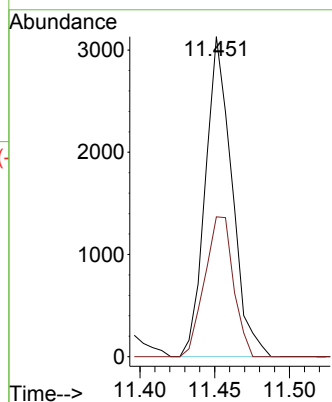
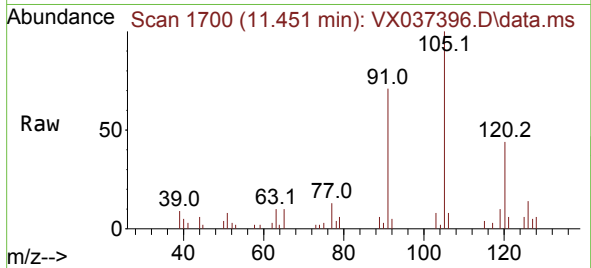




#80
1,3,5-Trimethylbenzene
Concen: 0.688 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

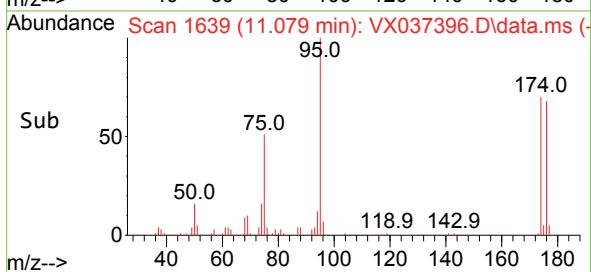
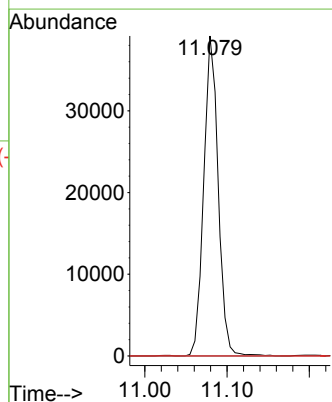
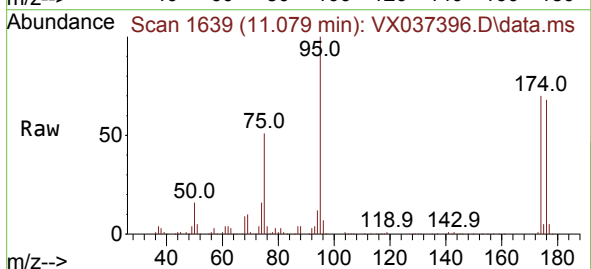
Instrument :
MSVOA_X
ClientSampleId :
31989

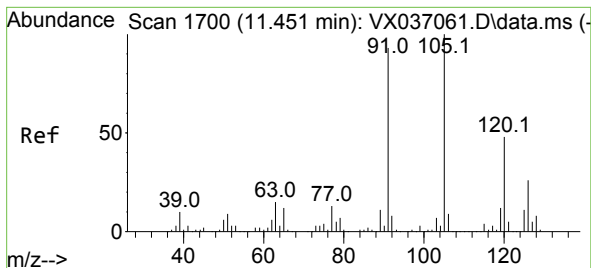
Tgt Ion:105 Resp: 3865
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 67.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 75 Resp: 47766
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.637 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

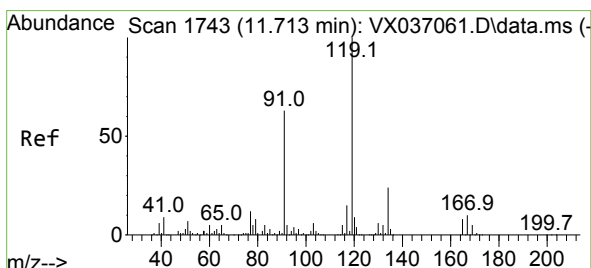
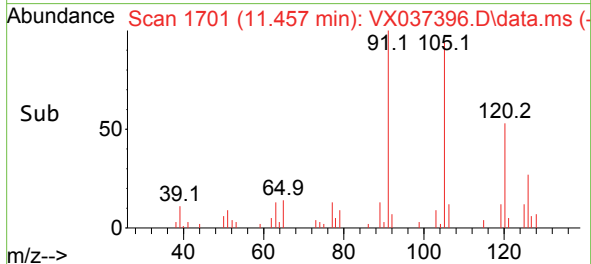
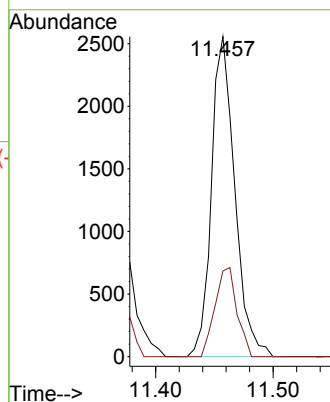
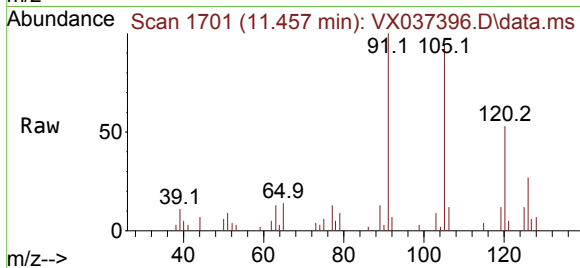
31989

Tgt Ion: 91 Resp: 3525

Ion Ratio Lower Upper

91 100

126 26.1 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.529 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

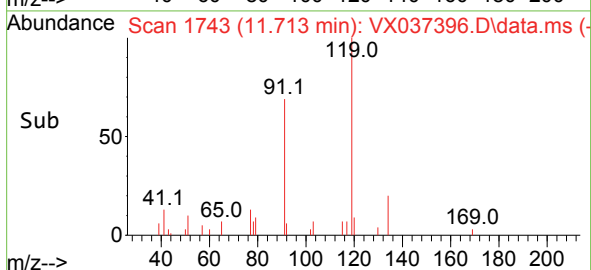
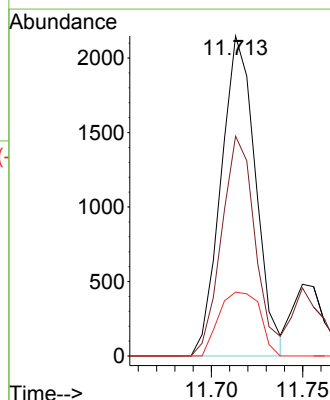
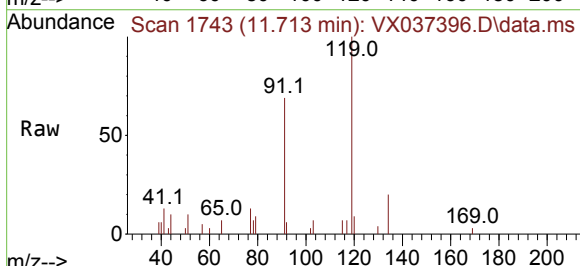
Tgt Ion: 119 Resp: 2835

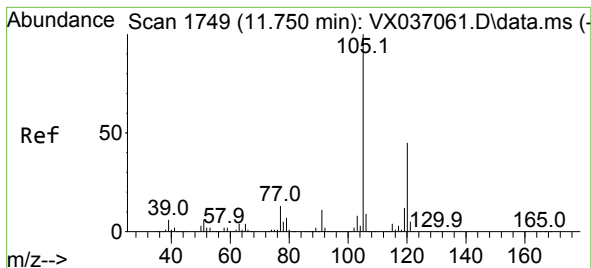
Ion Ratio Lower Upper

119 100

91 67.1 31.2 93.6

134 23.6 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.864 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

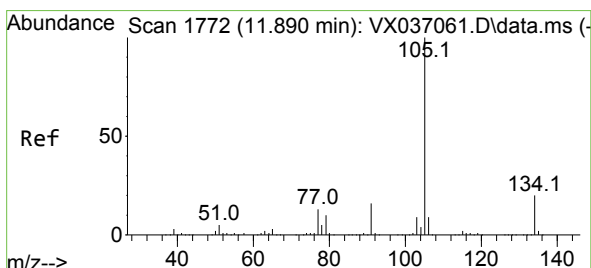
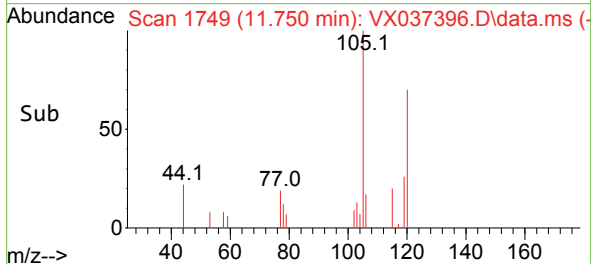
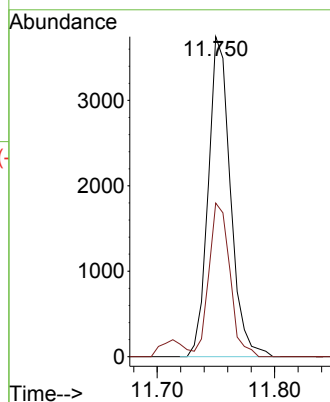
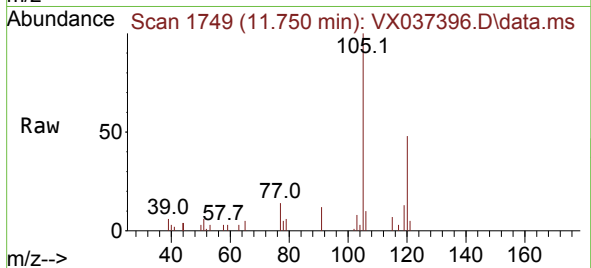
31989

Tgt Ion:105 Resp: 4903

Ion Ratio Lower Upper

105 100

120 45.3 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.677 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037396.D

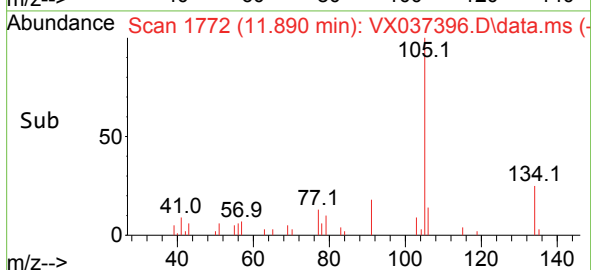
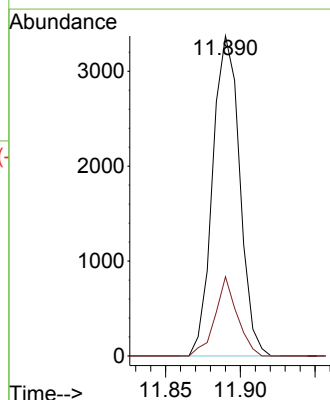
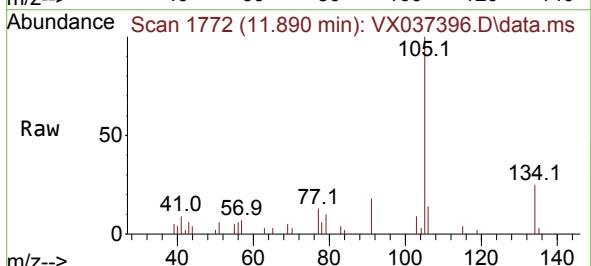
Acq: 30 Aug 2023 18:08

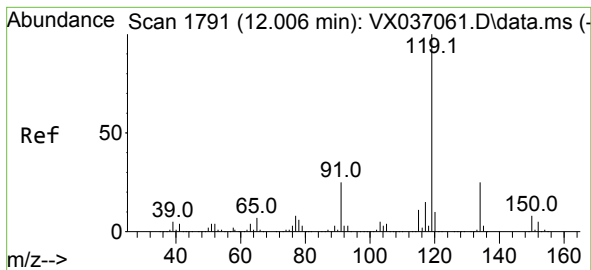
Tgt Ion:105 Resp: 4238

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.759 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

31989

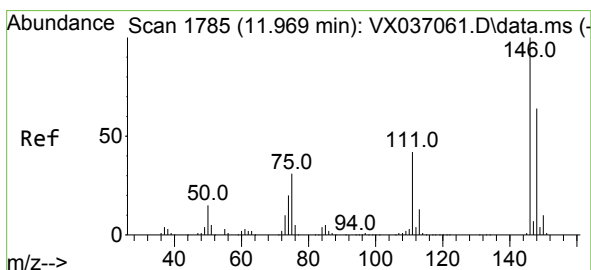
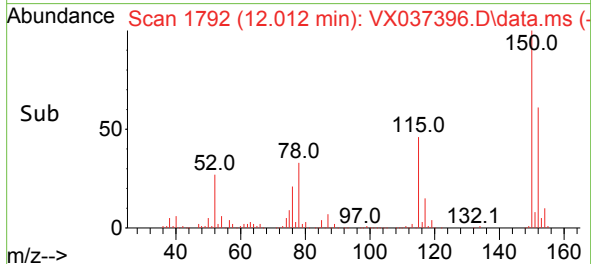
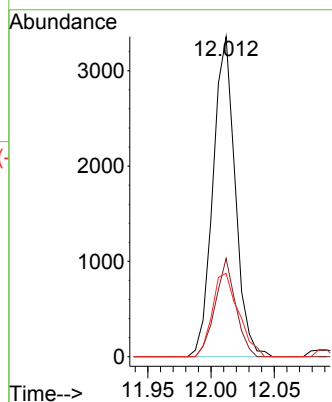
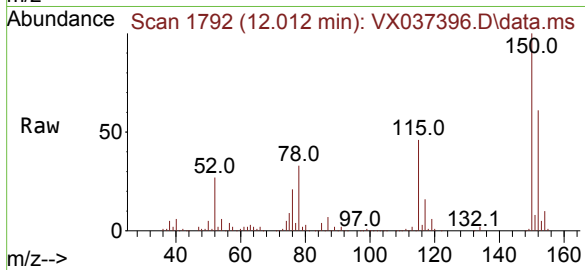
Tgt Ion:119 Resp: 4088

Ion Ratio Lower Upper

119 100

134 28.2 12.8 38.3

91 30.9 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.788 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

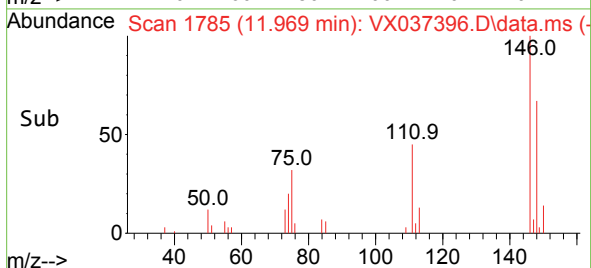
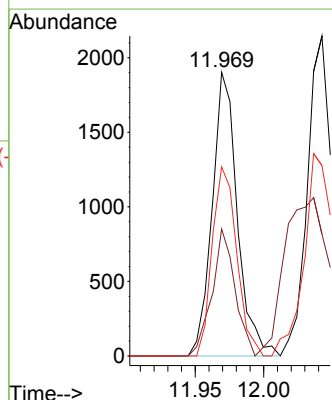
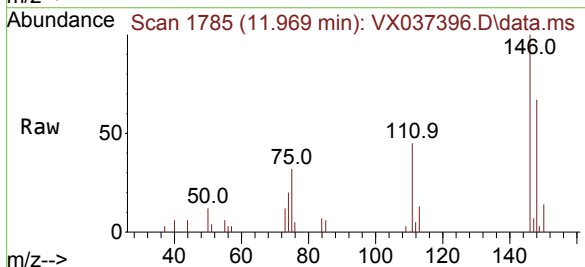
Tgt Ion:146 Resp: 2426

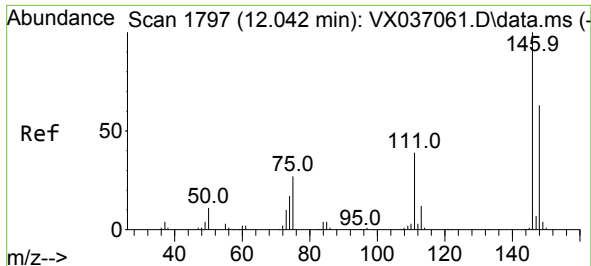
Ion Ratio Lower Upper

146 100

111 41.0 22.1 66.1

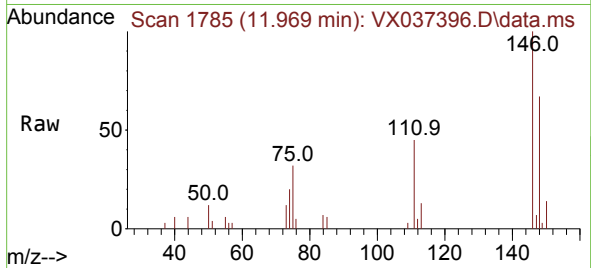
148 64.8 31.8 95.3



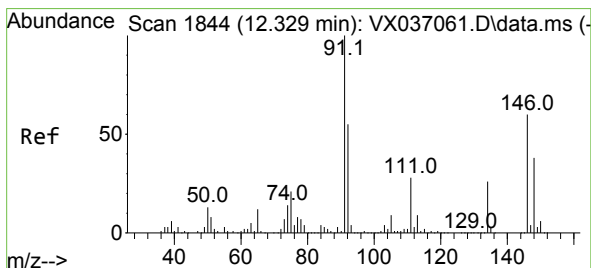
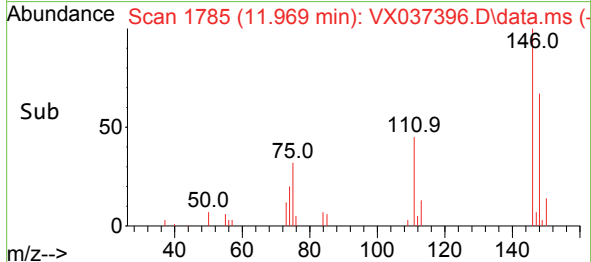
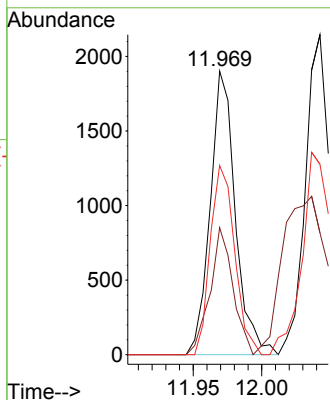


#88
1,4-Dichlorobenzene
Concen: 0.763 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Instrument :
MSVOA_X
ClientSampleId :
31989

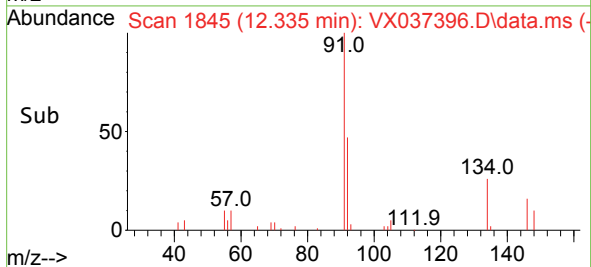
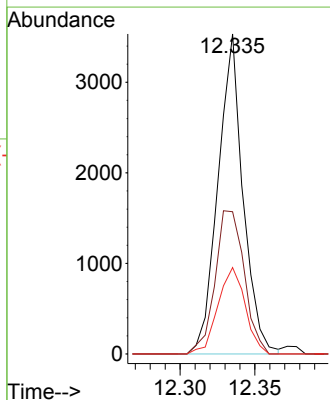
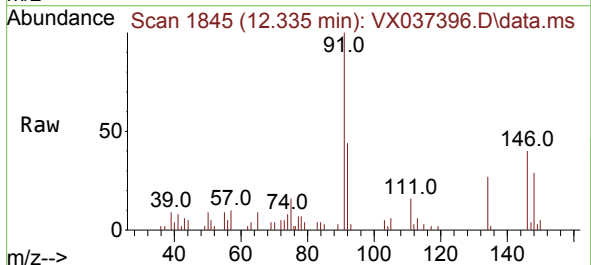


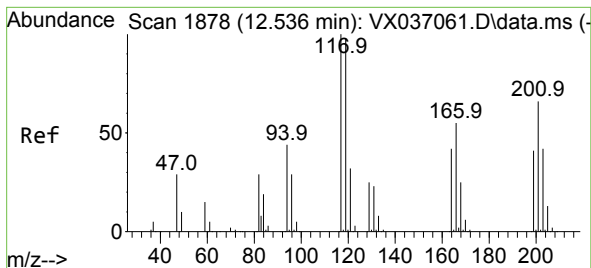
Tgt Ion:146 Resp: 2426
Ion Ratio Lower Upper
146 100
111 41.0 21.3 63.7
148 64.8 31.8 95.4



#89
n-Butylbenzene
Concen: 0.922 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037396.D
Acq: 30 Aug 2023 18:08

Tgt Ion: 91 Resp: 4118
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 29.4 12.6 37.8





#90

Hexachloroethane

Concen: 0.666 ug/l

RT: 12.536 min Scan# 117

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

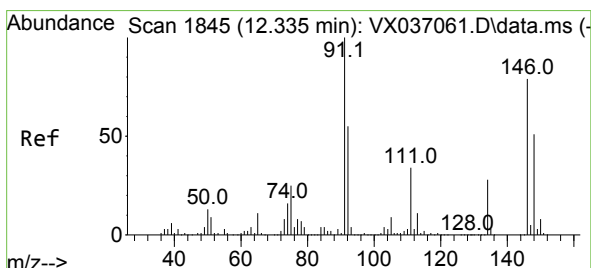
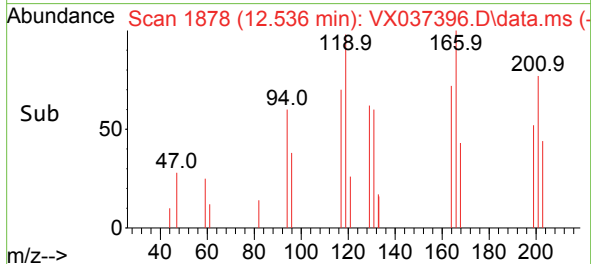
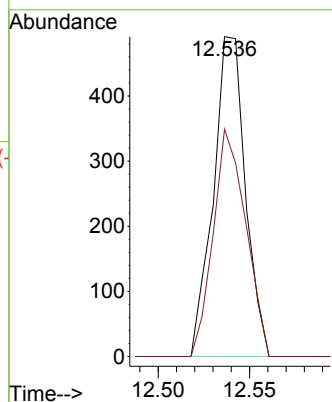
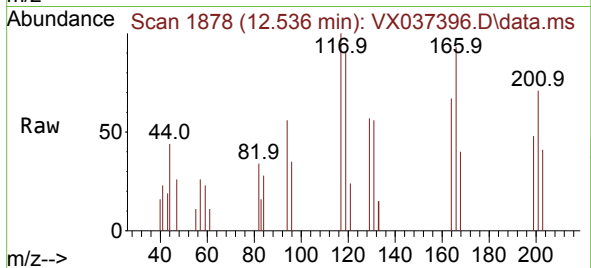
31989

Tgt Ion:117 Resp: 599

Ion Ratio Lower Upper

117 100

201 72.3 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 0.628 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

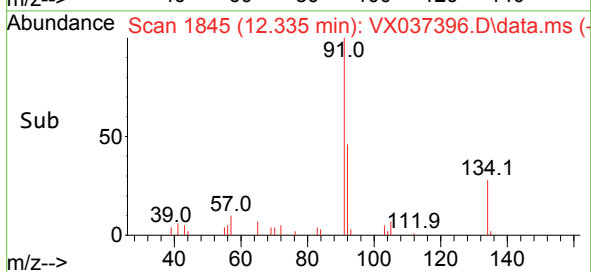
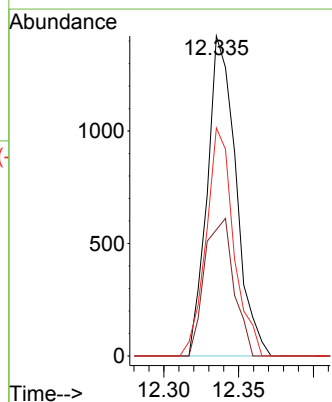
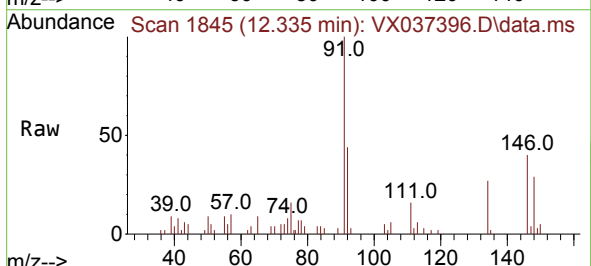
Tgt Ion:146 Resp: 1892

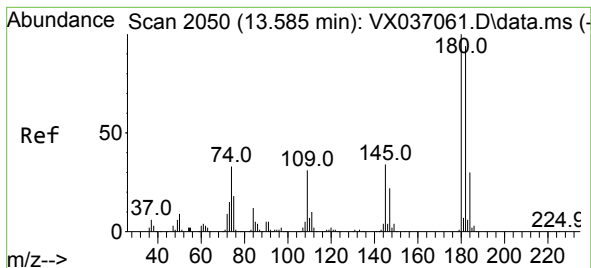
Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.0

148 68.7 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 1.522 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

31989

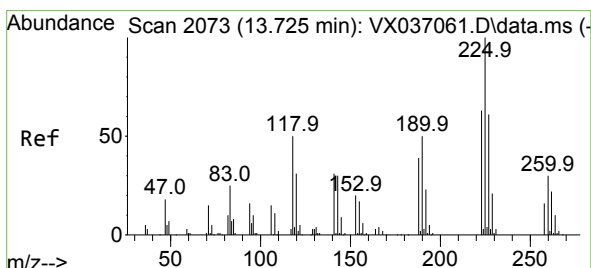
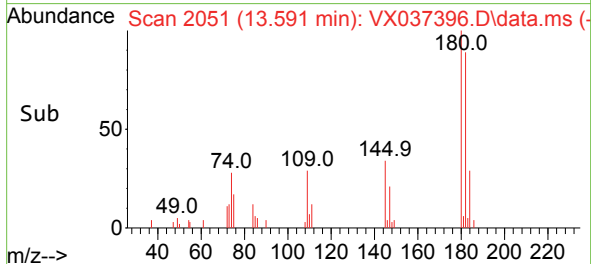
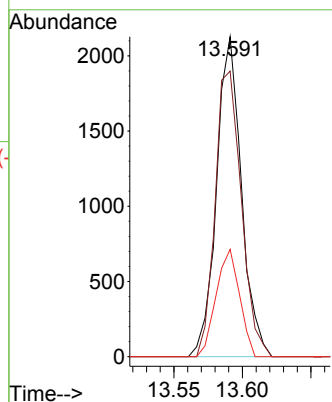
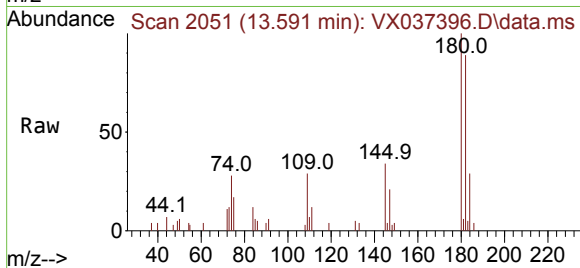
Tgt Ion:180 Resp: 2684

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 31.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.079 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

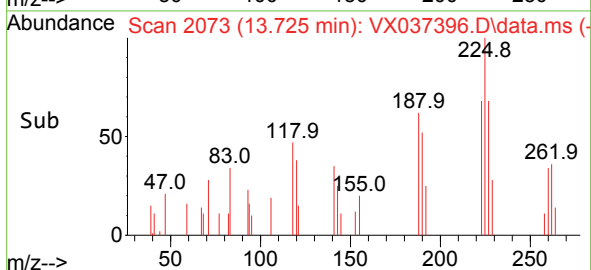
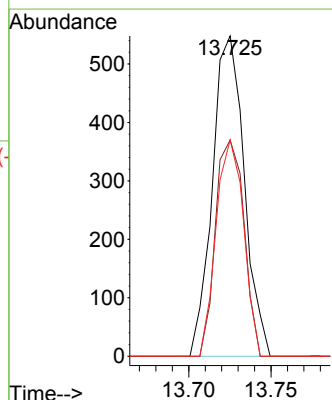
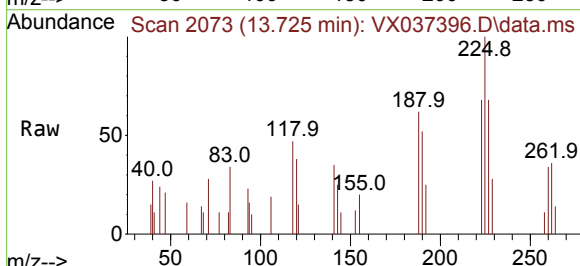
Tgt Ion:225 Resp: 735

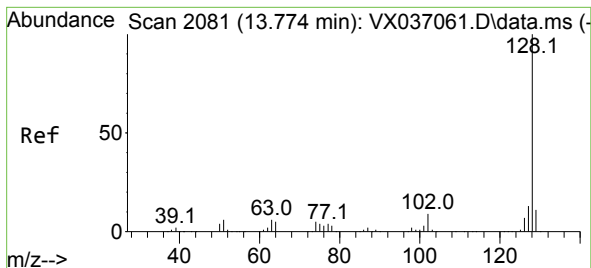
Ion Ratio Lower Upper

225 100

223 60.4 31.1 93.2

227 58.4 32.5 97.5





#95

Naphthalene

Concen: 1.251 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

31989

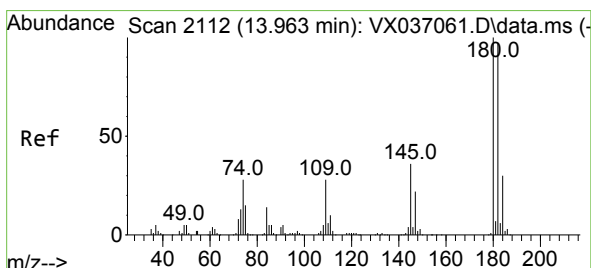
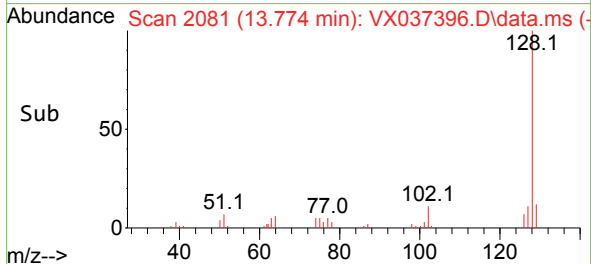
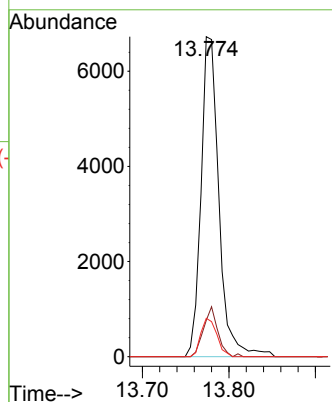
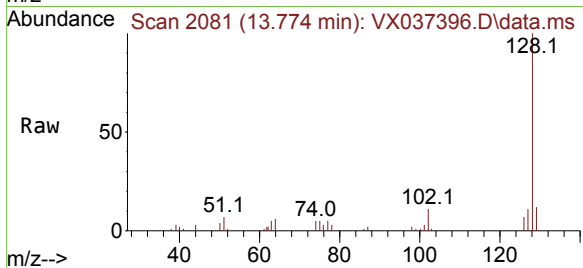
Tgt Ion:128 Resp: 9663

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.760 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037396.D

Acq: 30 Aug 2023 18:08

Tgt Ion:180 Resp: 3084

Ion Ratio Lower Upper

180 100

182 89.9 46.9 140.6

145 34.1 17.8 53.5

