

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014723.D
 Acq On : 20 Jul 2023 16:04
 Operator : SY/MD
 Sample : 03677-01
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWC-1

Quant Time: Jul 21 01:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43132	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93821	36.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.900%
35) Dibromofluoromethane	7.716	113	99017	45.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.840%
50) Toluene-d8	10.179	98	404935	50.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.477	95	105620	34.650	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%

Target Compounds						Qvalue
10) Methyl Iodide	4.094	142	209	2.449	ug/l	# 65
11) Tert butyl alcohol	4.948	59	10556	8.263	ug/l	# 89
13) Acrolein	3.692	56	2626	9.894	ug/l	# 1
14) Allyl chloride	4.546	41	20556	5.276	ug/l	# 72
15) Acrylonitrile	5.228	53	21630	27.521	ug/l	# 39
16) Acetone	3.936	43	77886	96.792	ug/l	# 79
18) Methyl Acetate	4.552	43	15551	5.036	ug/l	# 55
20) Methylene Chloride	4.710	84	17758	2.808	ug/l	# 64
25) 2-Butanone	6.978	43	32077	27.248	ug/l	# 64
29) Tetrahydrofuran	7.350	42	2833	3.908	ug/l	# 56
30) Chloroform	7.460	83	27201	5.820	ug/l	# 21
31) Cyclohexane	7.765	56	798014	189.314	ug/l	# 60
36) 1,1-Dichloropropene	7.783	75	17794	5.518	ug/l	# 65
37) Ethyl Acetate	6.978	43	32077	14.448	ug/l	# 73
38) Carbon Tetrachloride	7.783	117	22092	6.481	ug/l	# 16
39) Methylcyclohexane	9.179	83	1486202	353.772	ug/l	95
40) Benzene	8.161	78	13109	1.429	ug/l	94
41) Methacrylonitrile	7.356	41	6084	5.328	ug/l	# 45
43) Isopropyl Acetate	8.264	43	313687	74.173	ug/l	# 55
44) Trichloroethene	8.935	130	7862	3.064	ug/l	97
45) 1,2-Dichloropropane	9.185	63	18075	7.548	ug/l	# 1
47) Bromodichloromethane	9.478	83	45749	13.361	ug/l	# 28
48) Methyl methacrylate	9.319	41	152491	80.133	ug/l	# 29
51) 4-Methyl-2-Pentanone	10.112	43	605177	272.544	ug/l	# 81
52) Toluene	10.240	92	2164552	368.847	ug/l	93
55) 1,1,2-Trichloroethane	10.618	97	402085	198.693	ug/l	# 25
56) Ethyl methacrylate	10.520	69	33950	10.988	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.752	63	12580	8.738	ug/l	# 48
59) 2-Hexanone	10.801	43	371895	229.665	ug/l	# 33
61) 1,2-Dibromoethane	11.063	107	2405	1.191	ug/l	# 1
64) Tetrachloroethene	10.715	164	46818	29.745	ug/l	93
67) Ethyl Benzene	11.593	91	3851717	511.540	ug/l	96
68) m/p-Xylenes	11.697	106	3508439	1220.642	ug/l	94
69) o-Xylene	12.026	106	2977825	1063.681	ug/l	96
70) Styrene	12.026	104	159114	33.722	ug/l	# 1
73) Isopropylbenzene	12.325	105	824407	244.106	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014723.D
 Acq On : 20 Jul 2023 16:04
 Operator : SY/MD
 Sample : 03677-01
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWC-1

Quant Time: Jul 21 01:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

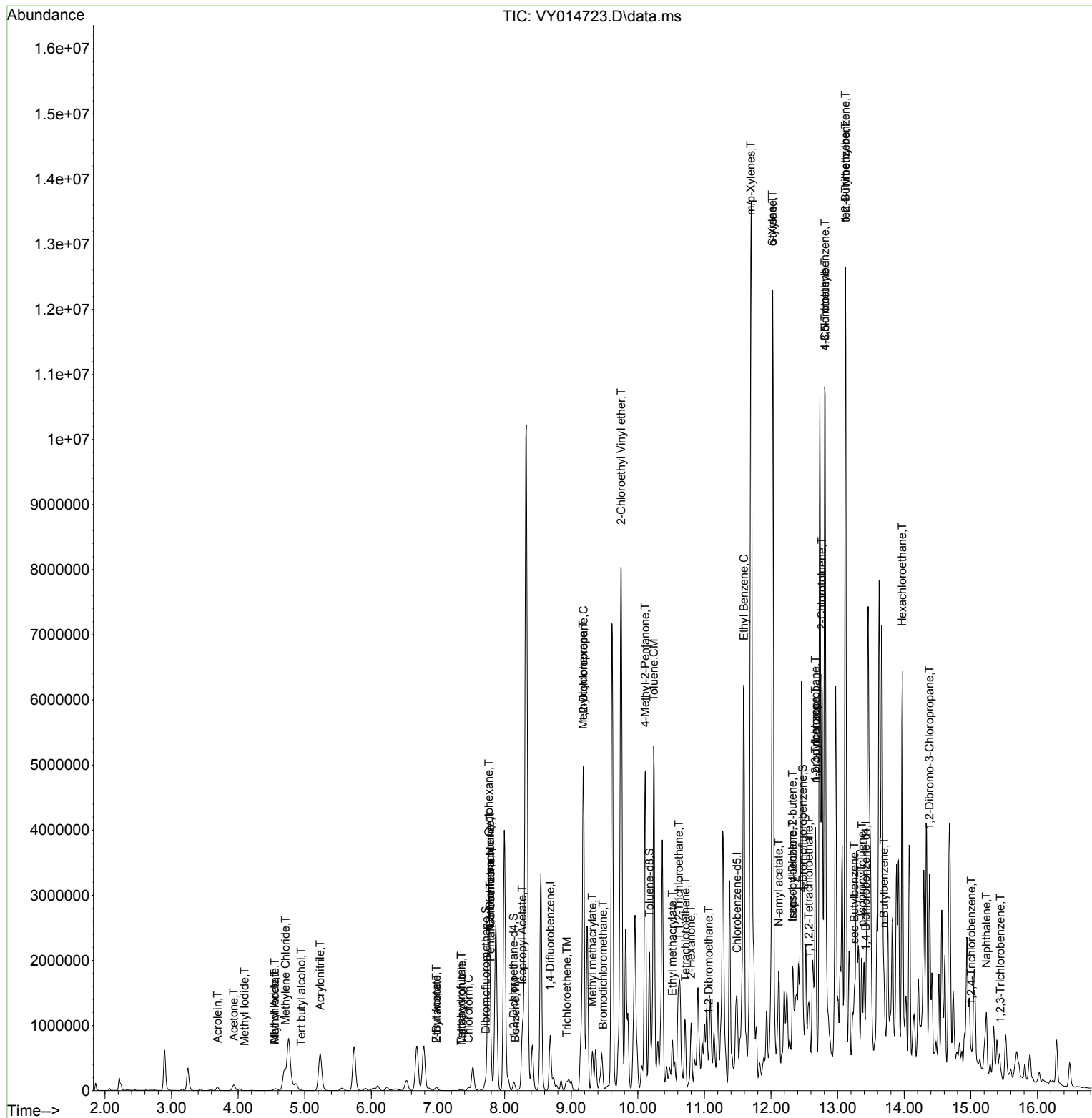
74) N-amyl acetate	12.117	43	372509	329.332	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.569	83	14380	18.671	ug/l #	1
76) 1,2,3-Trichloropropane	12.666	75	14657	26.906	ug/l #	100
78) n-propylbenzene	12.666	91	2438356	599.159	ug/l	99
79) 2-Chlorotoluene	12.764	91	372158	158.768	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	3927039	1392.322	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.325	75	9112	32.387	ug/l #	42
82) 4-Chlorotoluene	12.812	91	437159	181.085	ug/l #	44
83) tert-Butylbenzene	13.117	119	781976	312.545	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.117	105	6201002	2240.258	ug/l	96
85) sec-Butylbenzene	13.251	105	274311	74.740	ug/l #	54
86) p-Isopropyltoluene	13.367	119	166969	55.719	ug/l	98
89) n-Butylbenzene	13.696	91	503567	172.725	ug/l #	66
90) Hexachloroethane	13.971	117	247647	402.348	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.379	75	5371	36.467	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.007	180	981	1.124	ug/l #	1
95) Naphthalene	15.233	128	548799	269.945	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.446	180	888	1.145	ug/l #	13

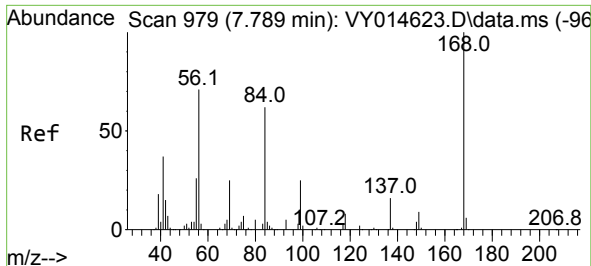
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014723.D
 Acq On : 20 Jul 2023 16:04
 Operator : SY/MD
 Sample : 03677-01
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWC-1

Quant Time: Jul 21 01:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

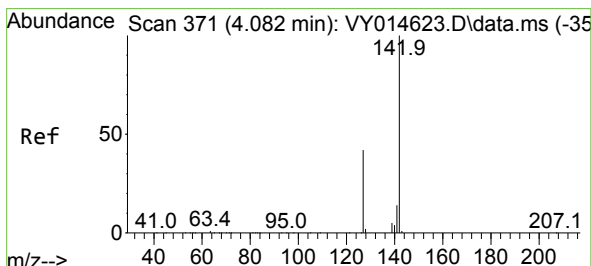
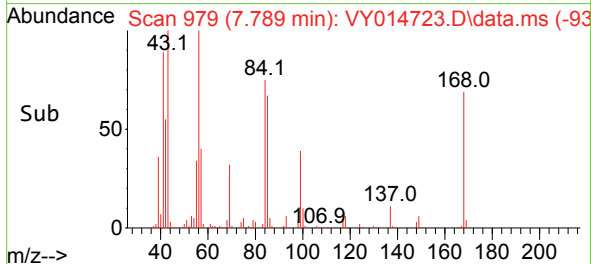
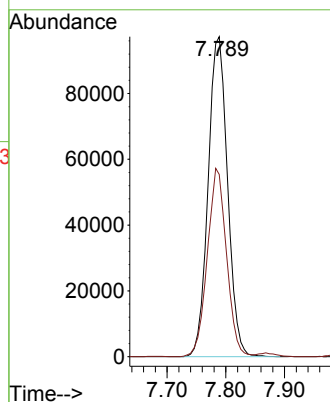
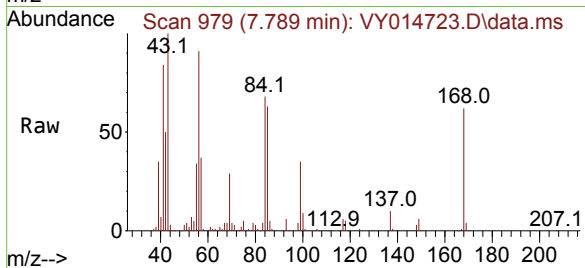




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

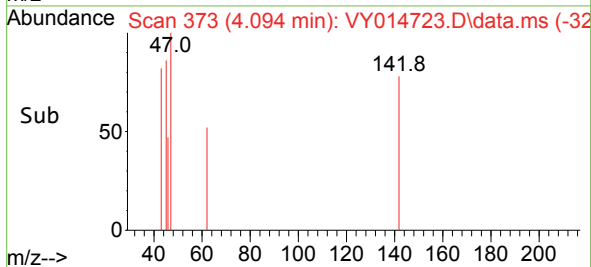
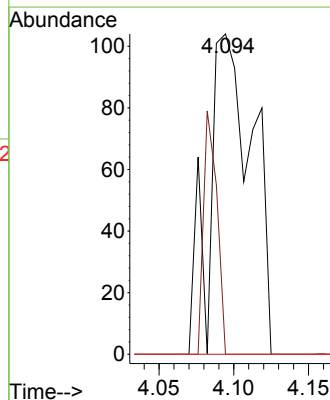
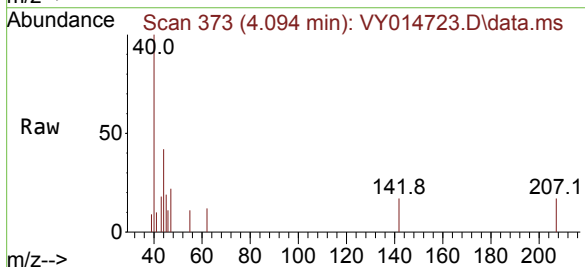
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

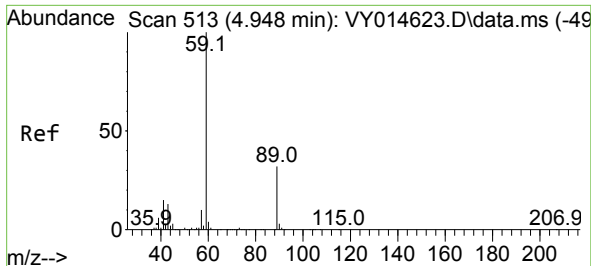
Tgt Ion:168 Resp: 222837
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.449 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
127 23.4 37.6 56.4#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: 8.263 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

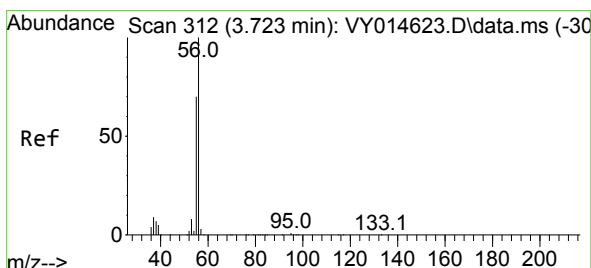
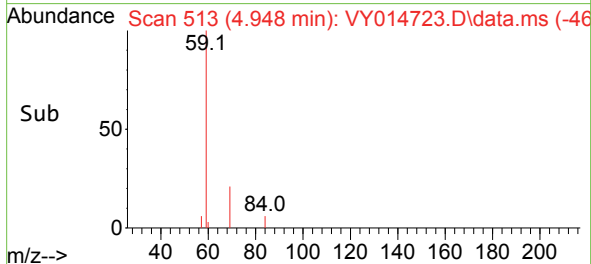
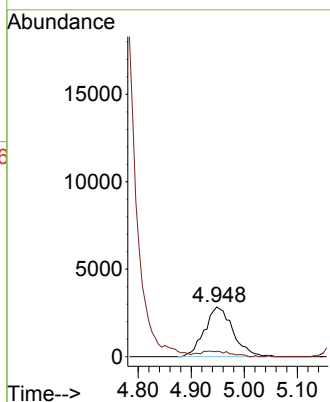
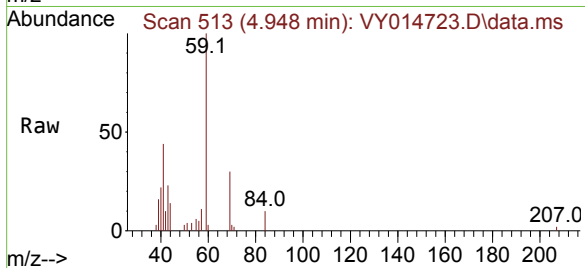
SWC-1

Tgt Ion: 59 Resp: 10556

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#13

Acrolein

Concen: 9.894 ug/l

RT: 3.692 min Scan# 307

Delta R.T. -0.031 min

Lab File: VY014723.D

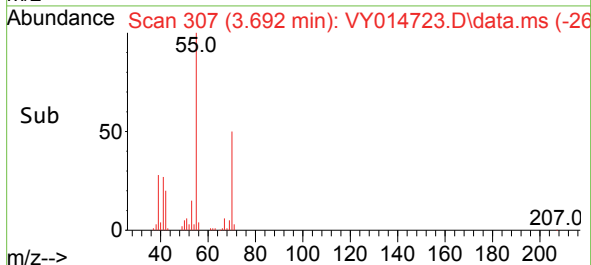
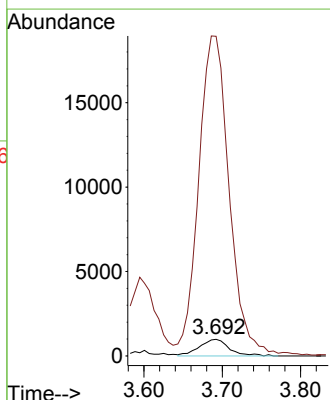
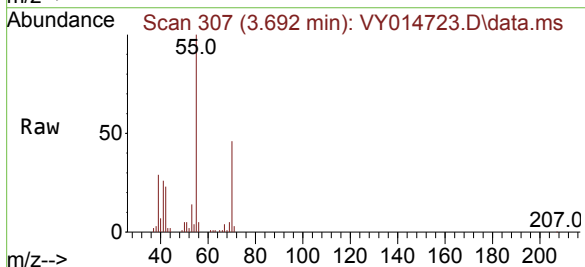
Acq: 20 Jul 2023 16:04

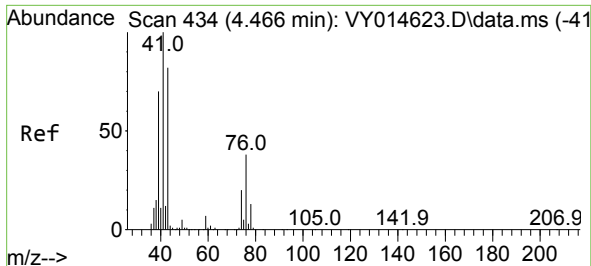
Tgt Ion: 56 Resp: 2626

Ion Ratio Lower Upper

56 100

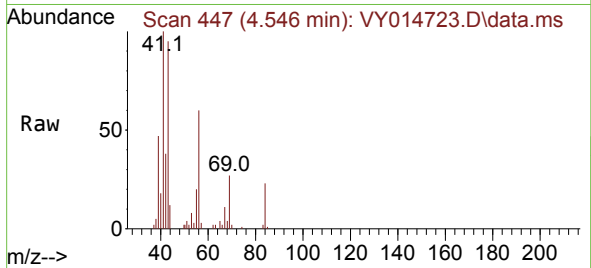
55 1950.3 57.0 85.4#



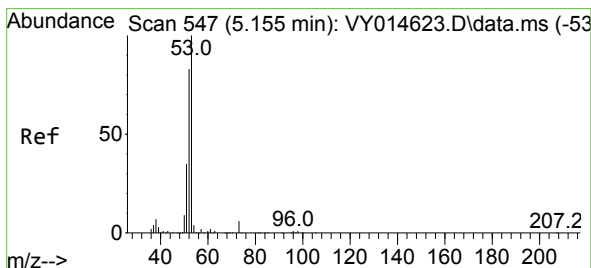
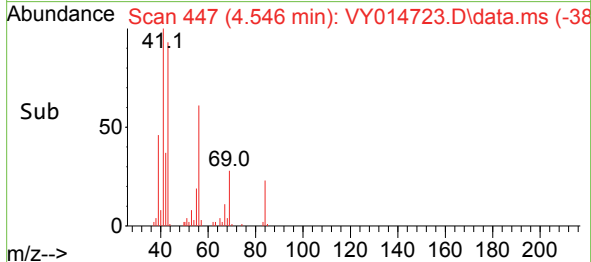
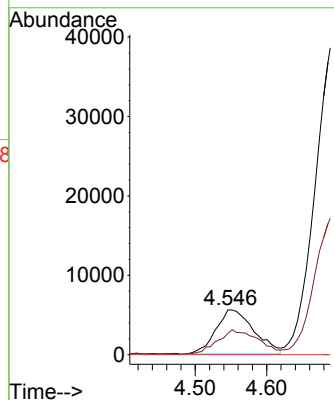


#14
 Allyl chloride
 Concen: 5.276 ug/l
 RT: 4.546 min Scan# 447
 Delta R.T. 0.080 min
 Lab File: VY014723.D
 Acq: 20 Jul 2023 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWC-1

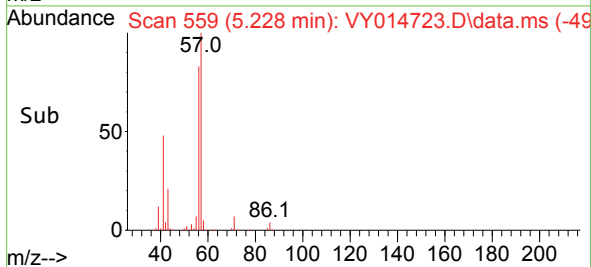
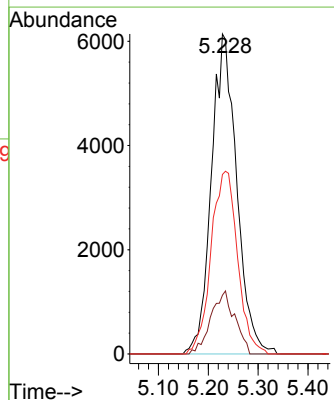
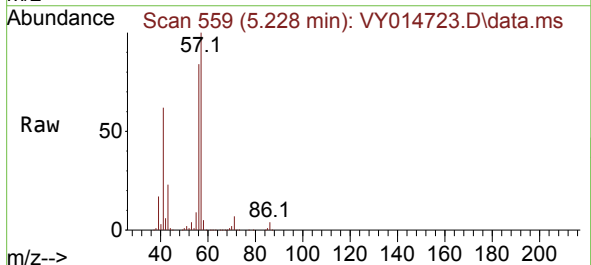


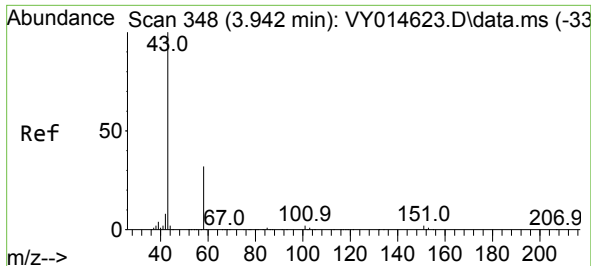
Tgt Ion: 41 Resp: 20556
 Ion Ratio Lower Upper
 41 100
 39 61.0 58.0 87.0
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 27.521 ug/l
 RT: 5.228 min Scan# 559
 Delta R.T. 0.073 min
 Lab File: VY014723.D
 Acq: 20 Jul 2023 16:04

Tgt Ion: 53 Resp: 21630
 Ion Ratio Lower Upper
 53 100
 52 18.7 66.9 100.3#
 51 59.8 29.8 44.6#

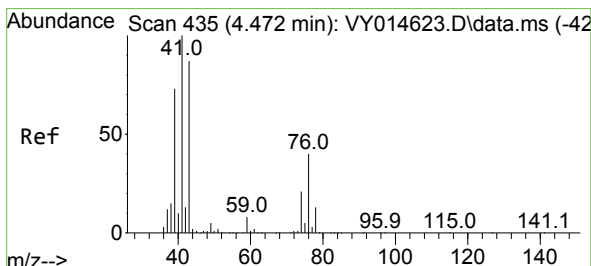
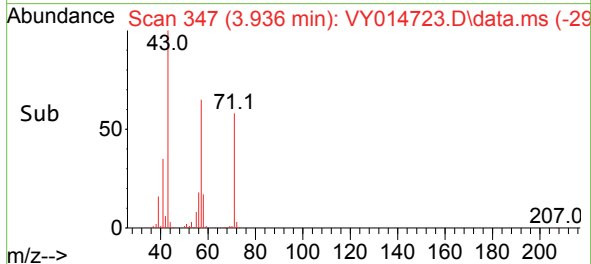
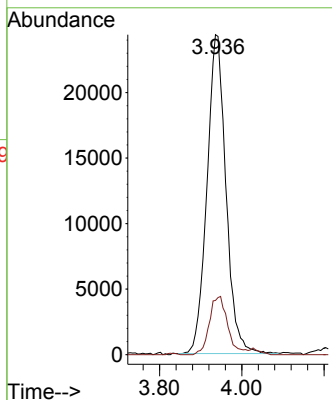
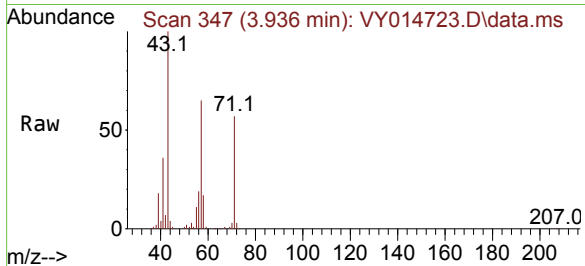




#16
Acetone
Concen: 96.792 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

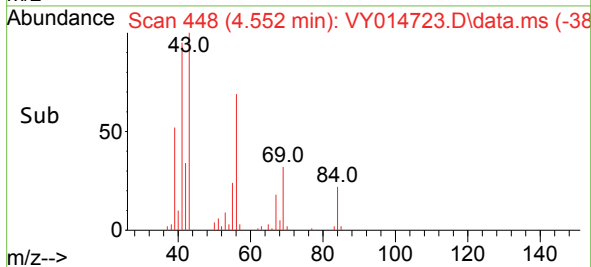
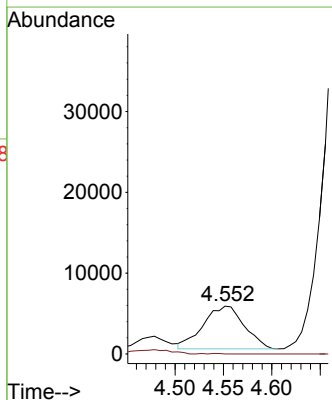
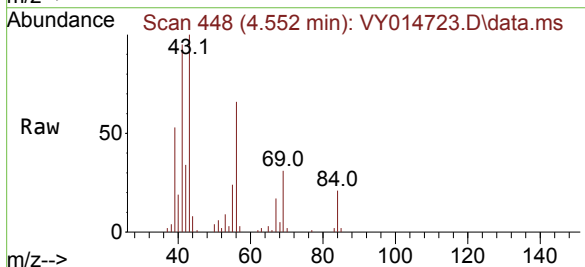
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

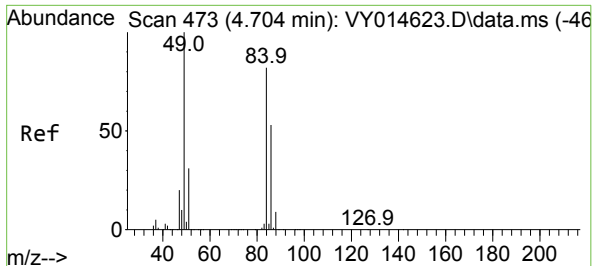
Tgt Ion: 43 Resp: 77886
Ion Ratio Lower Upper
43 100
58 17.0 22.7 34.1#



#18
Methyl Acetate
Concen: 5.036 ug/l
RT: 4.552 min Scan# 448
Delta R.T. 0.080 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 43 Resp: 15551
Ion Ratio Lower Upper
43 100
74 0.4 17.4 26.0#

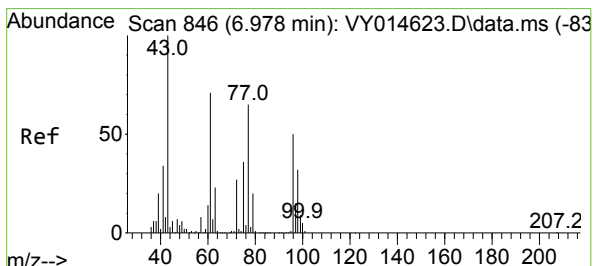
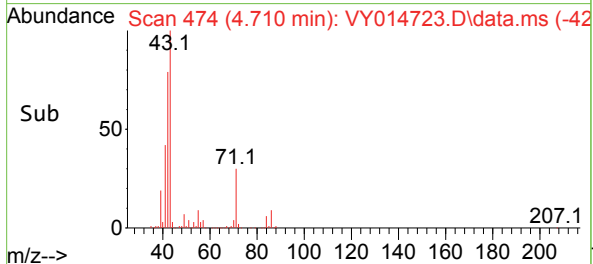
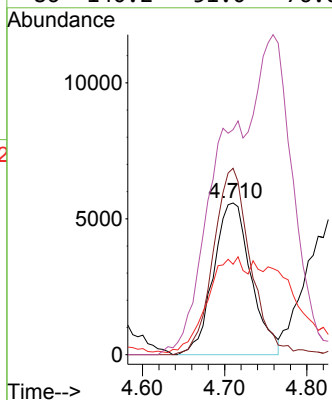
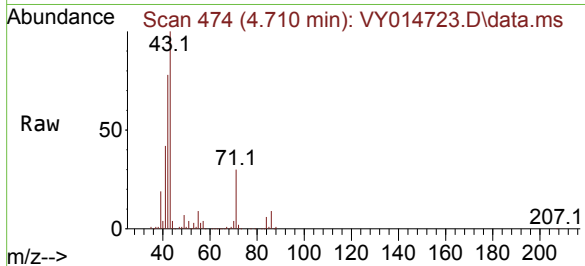




#20
Methylene Chloride
Concen: 2.808 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

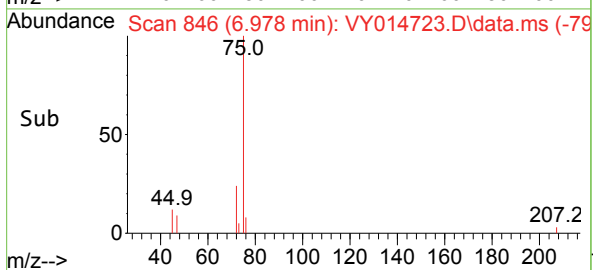
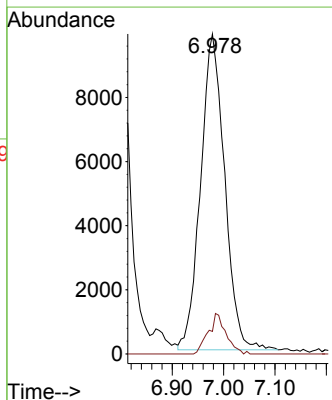
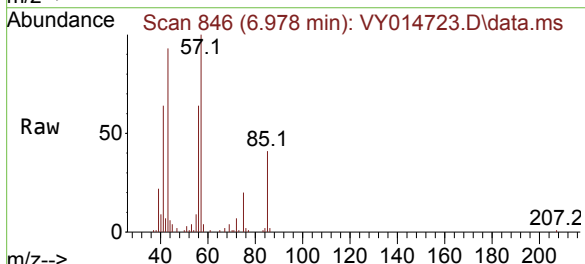
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

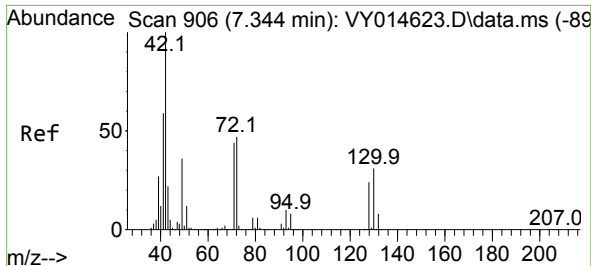
Tgt Ion: 84 Resp: 17758
Ion Ratio Lower Upper
84 100
49 121.7 106.9 160.3
51 56.4 33.2 49.8#
86 140.2 51.0 76.6#



#25
2-Butanone
Concen: 27.248 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 43 Resp: 32077
Ion Ratio Lower Upper
43 100
72 7.2 20.5 30.7#





#29

Tetrahydrofuran

Concen: 3.908 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SWC-1

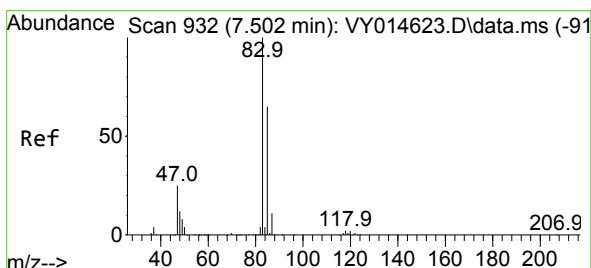
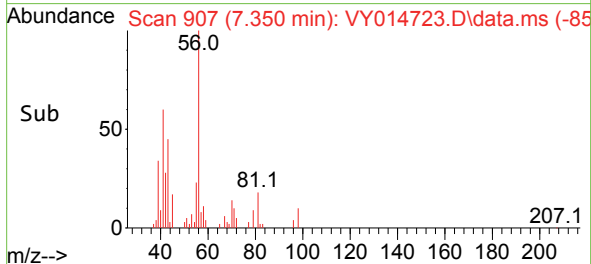
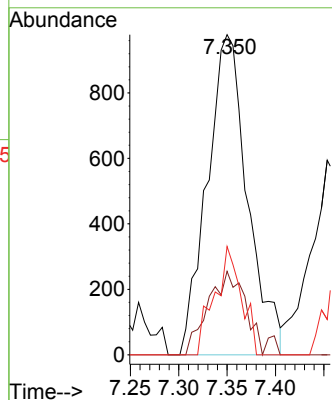
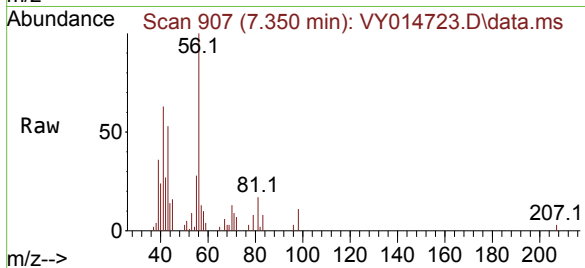
Tgt Ion: 42 Resp: 2833

Ion Ratio Lower Upper

42 100

72 25.3 32.8 49.2#

71 0.0 31.0 46.4#



#30

Chloroform

Concen: 5.820 ug/l

RT: 7.460 min Scan# 925

Delta R.T. -0.042 min

Lab File: VY014723.D

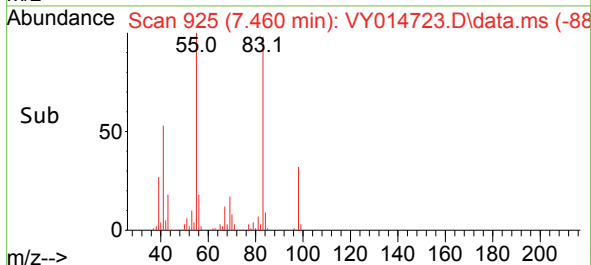
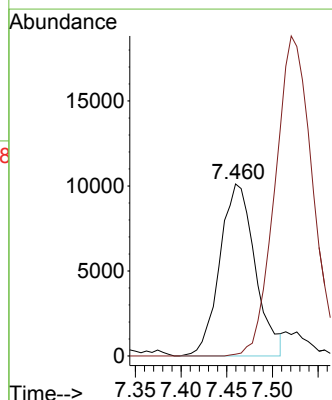
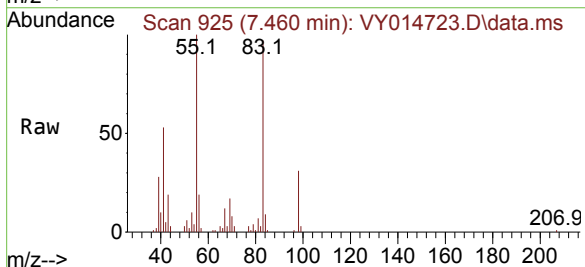
Acq: 20 Jul 2023 16:04

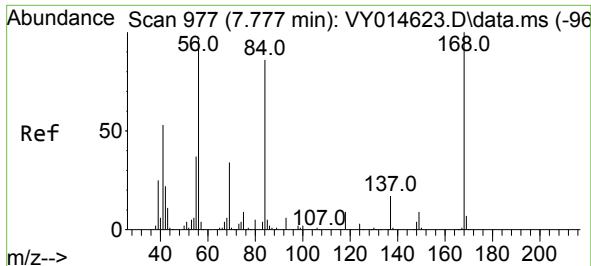
Tgt Ion: 83 Resp: 27201

Ion Ratio Lower Upper

83 100

85 1.1 49.7 74.5#

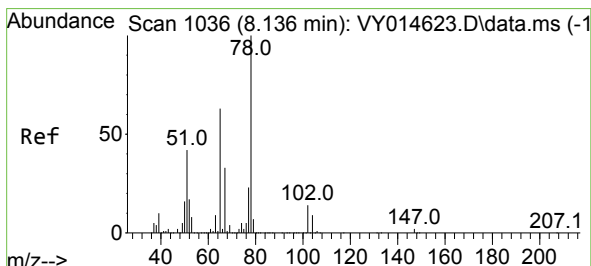
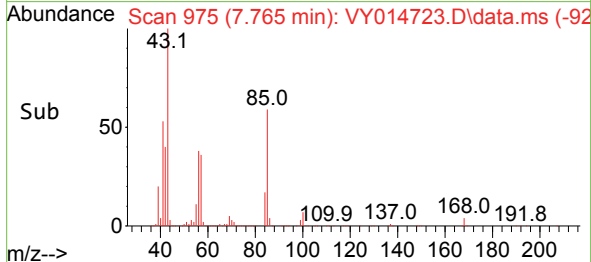
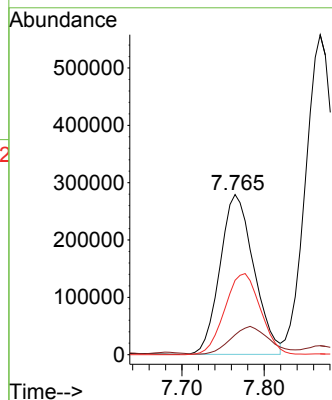
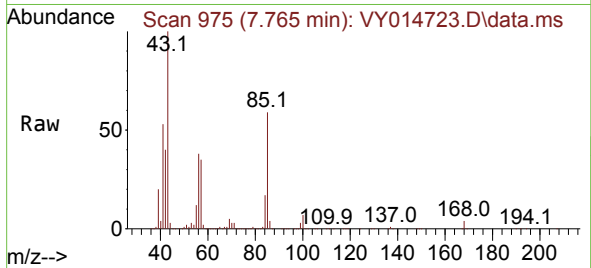




#31
Cyclohexane
Concen: 189.314 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

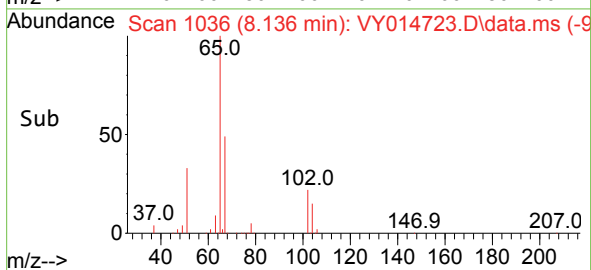
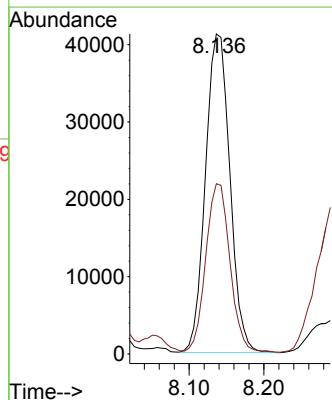
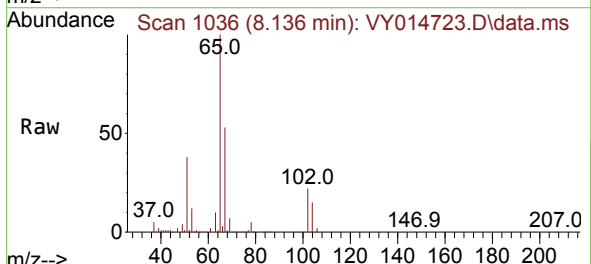
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

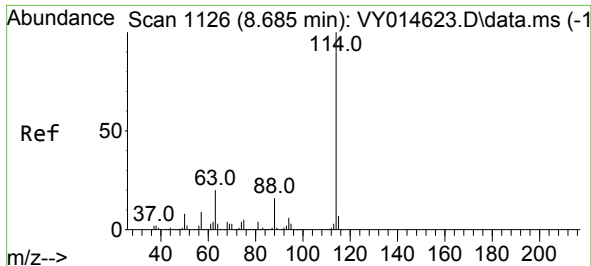
Tgt Ion: 56 Resp: 798014
Ion Ratio Lower Upper
56 100
69 11.4 27.8 41.6#
84 46.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 36.947 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 65 Resp: 93821
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SWC-1

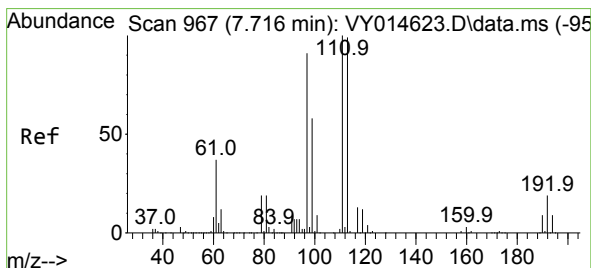
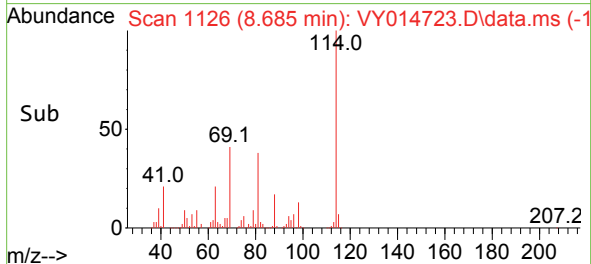
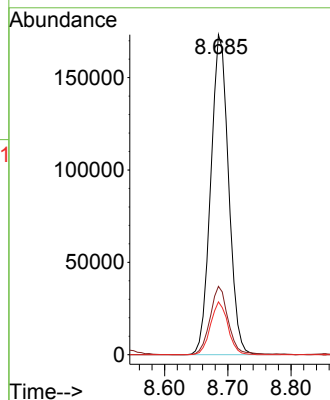
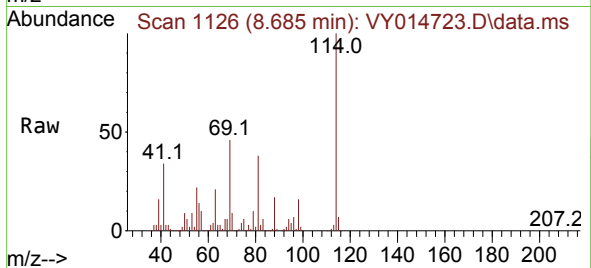
Tgt Ion:114 Resp: 338724

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.921 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

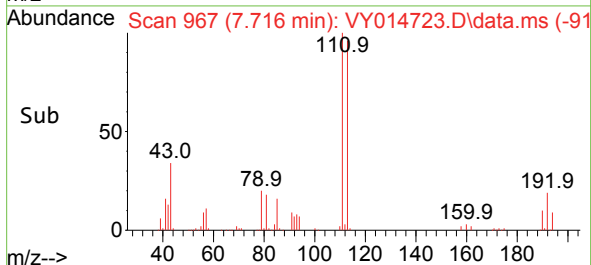
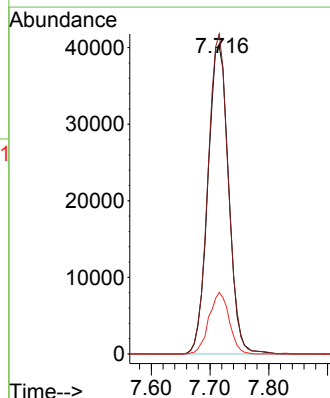
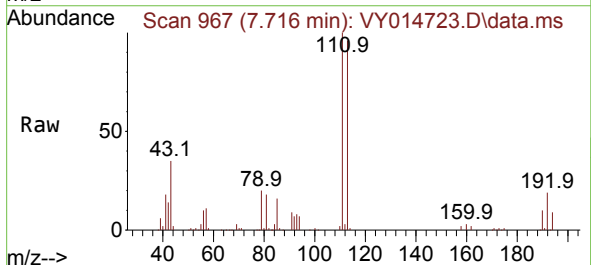
Tgt Ion:113 Resp: 99017

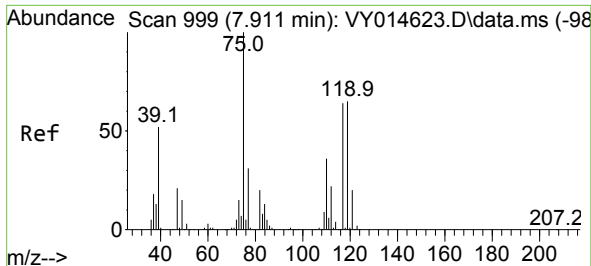
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 19.4 16.9 25.3

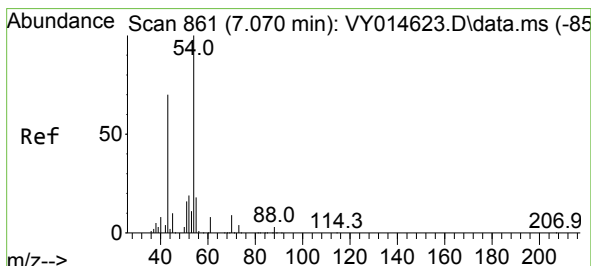
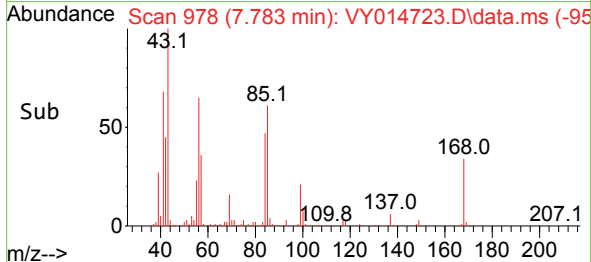
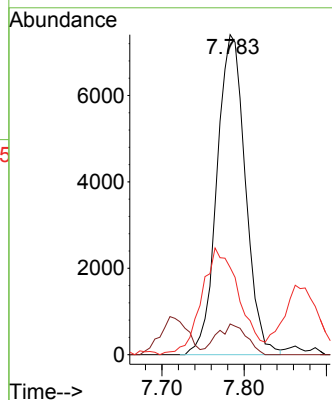
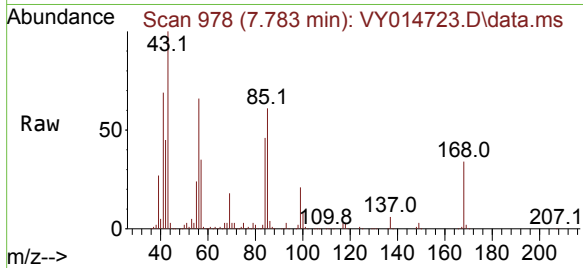




#36
1,1-Dichloropropene
Concen: 5.518 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

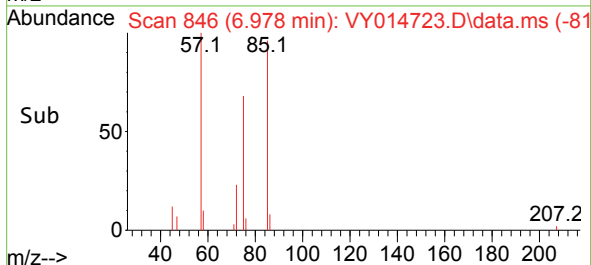
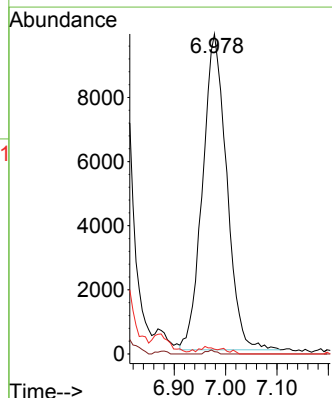
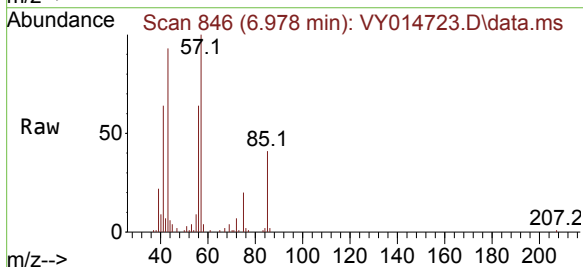
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

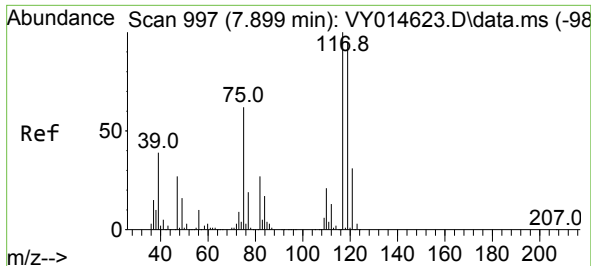
Tgt Ion: 75 Resp: 17794
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 44.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 14.448 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 43 Resp: 32077
Ion Ratio Lower Upper
43 100
61 0.5 10.1 15.1#
70 0.9 7.1 10.7#

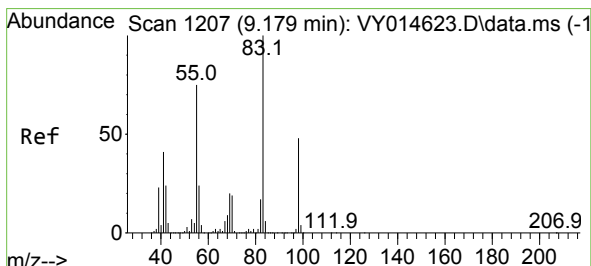
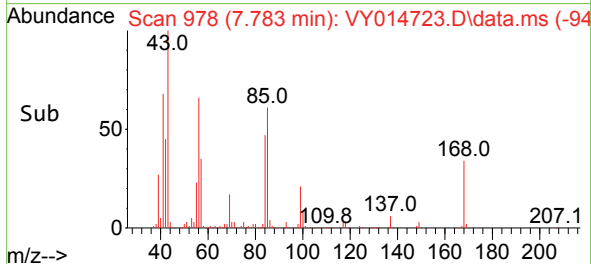
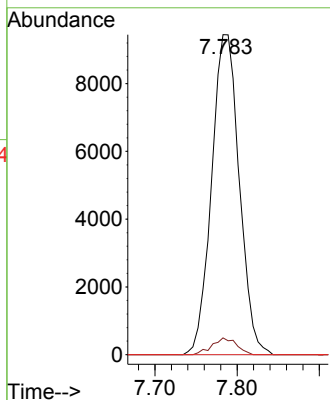
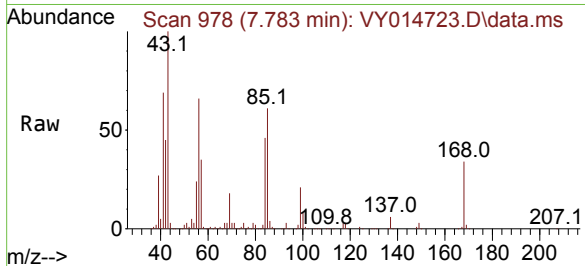




#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

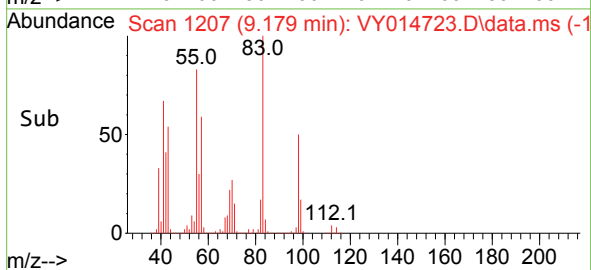
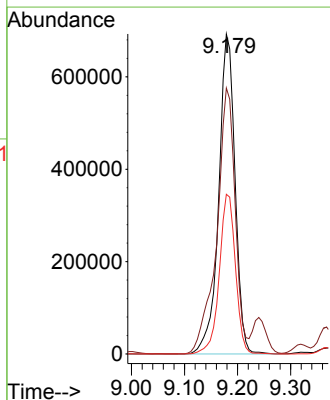
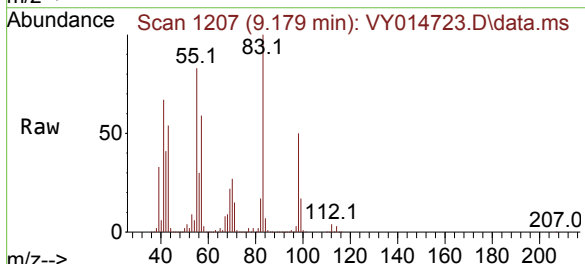
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

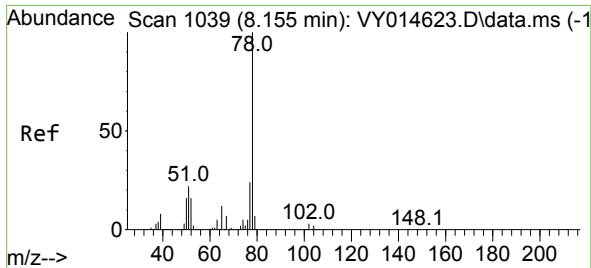
Tgt Ion:117 Resp: 22092
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 353.772 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 83 Resp: 1486202
Ion Ratio Lower Upper
83 100
55 83.1 63.0 94.4
98 49.9 37.4 56.2

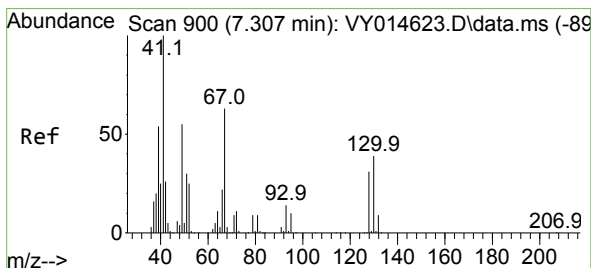
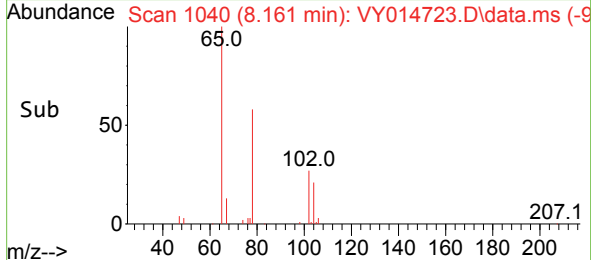
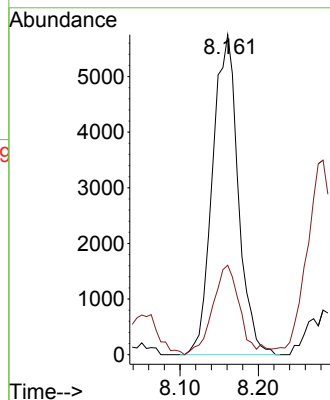
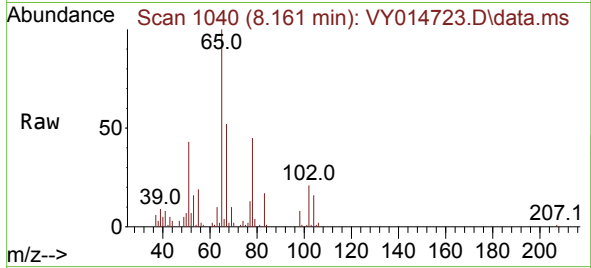




#40
Benzene
Concen: 1.429 ug/l
RT: 8.161 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

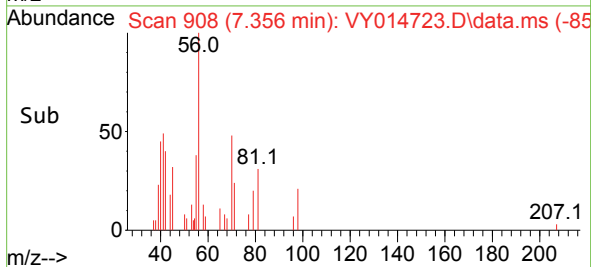
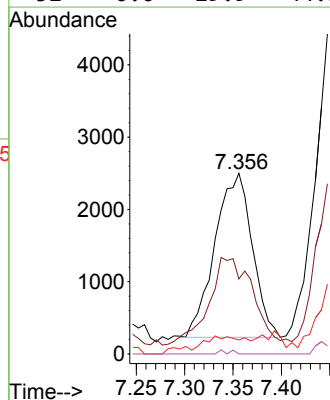
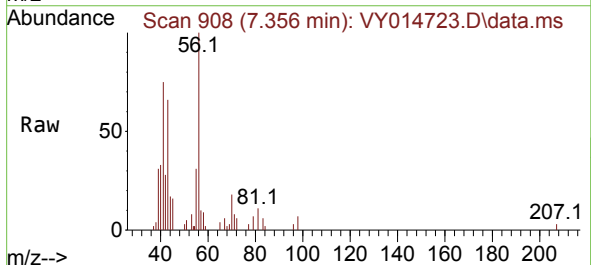
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

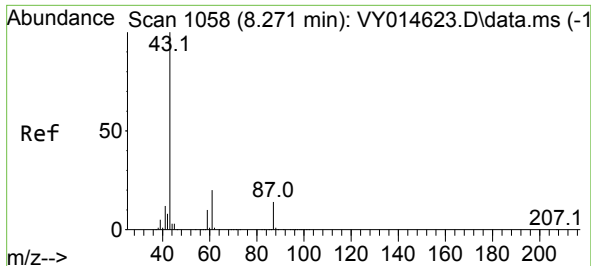
Tgt Ion: 78 Resp: 13109
Ion Ratio Lower Upper
78 100
77 26.9 19.0 28.6



#41
Methacrylonitrile
Concen: 5.328 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 41 Resp: 6084
Ion Ratio Lower Upper
41 100
39 61.6 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

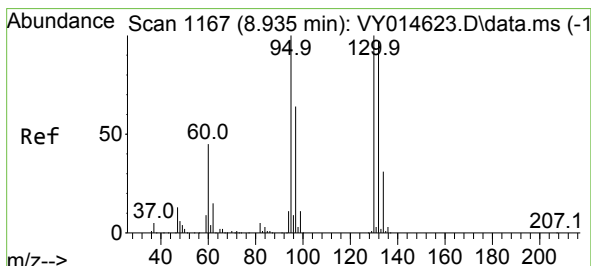
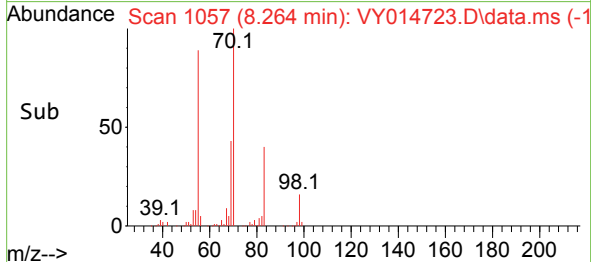
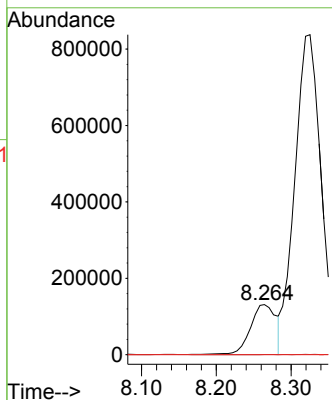
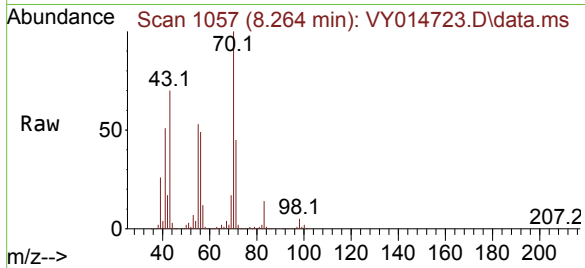




#43
Isopropyl Acetate
Concen: 74.173 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

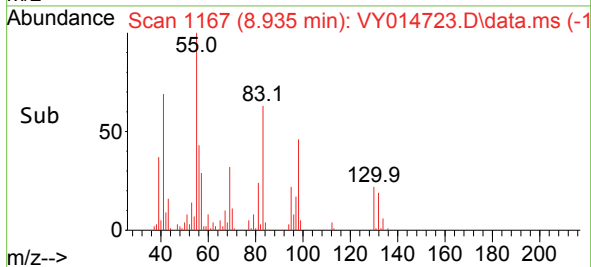
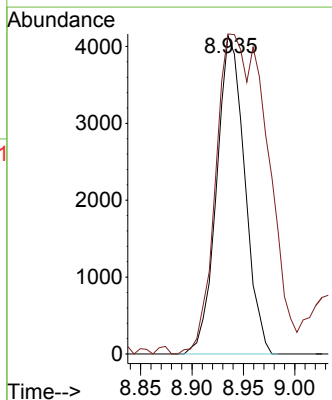
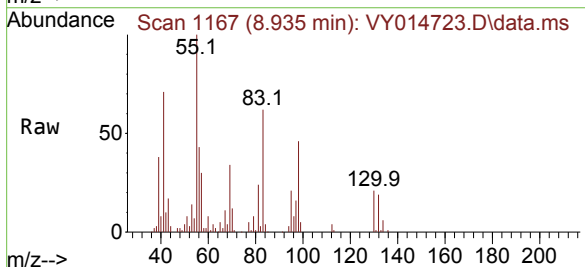
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

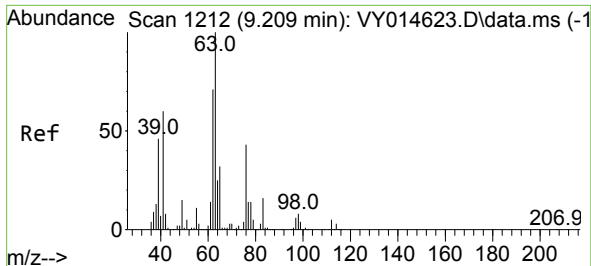
Tgt Ion: 43 Resp: 313687
Ion Ratio Lower Upper
43 100
61 0.2 21.1 31.7#
87 0.0 9.8 14.8#



#44
Trichloroethene
Concen: 3.064 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 130 Resp: 7862
Ion Ratio Lower Upper
130 100
95 100.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 7.548 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

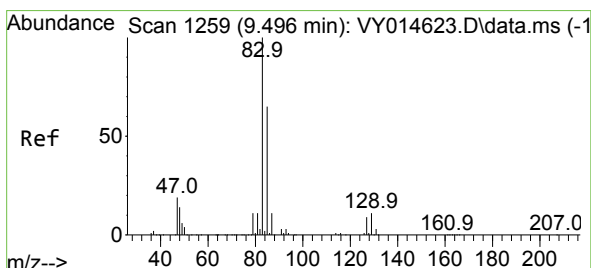
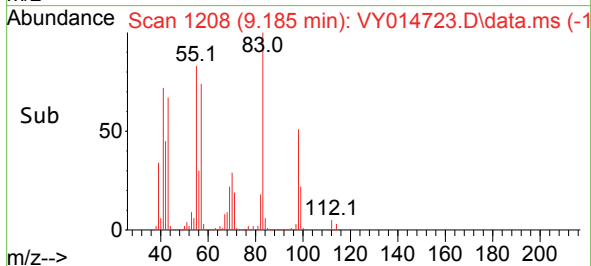
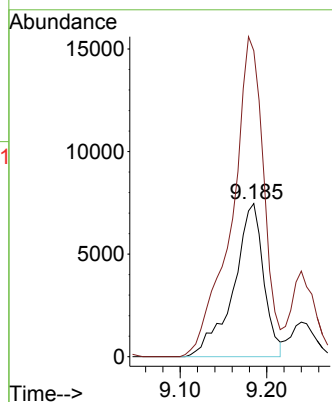
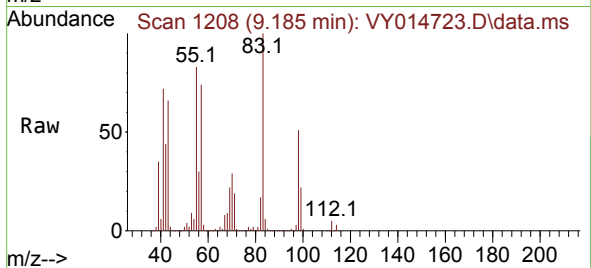
SWC-1

Tgt Ion: 63 Resp: 18075

Ion Ratio Lower Upper

63 100

65 199.8 23.8 35.6#



#47

Bromodichloromethane

Concen: 13.361 ug/l

RT: 9.478 min Scan# 1256

Delta R.T. -0.018 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

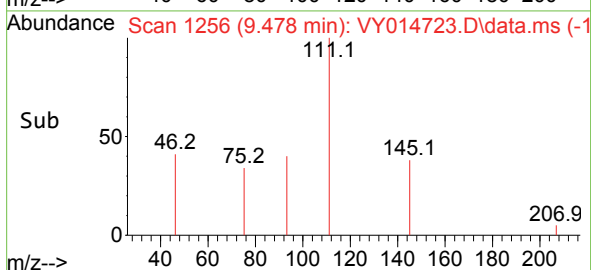
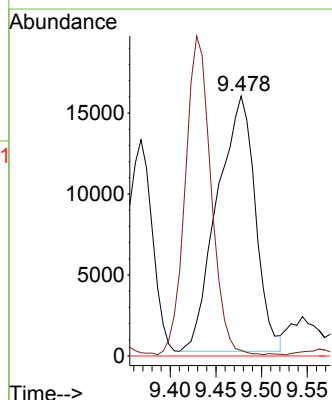
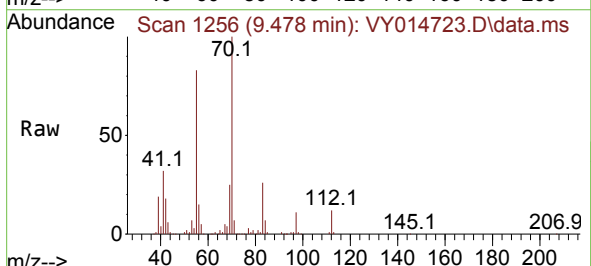
Tgt Ion: 83 Resp: 45749

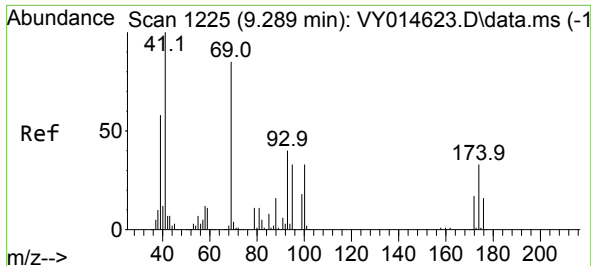
Ion Ratio Lower Upper

83 100

85 1.5 50.1 75.1#

127 0.0 7.1 10.7#

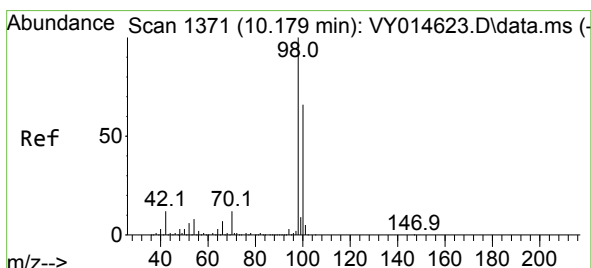
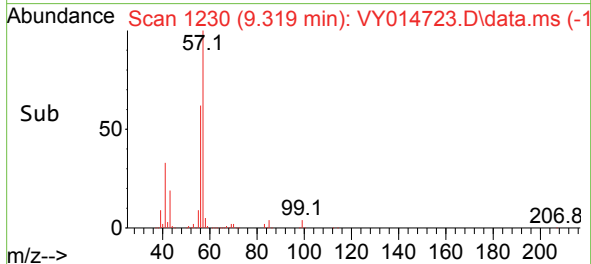
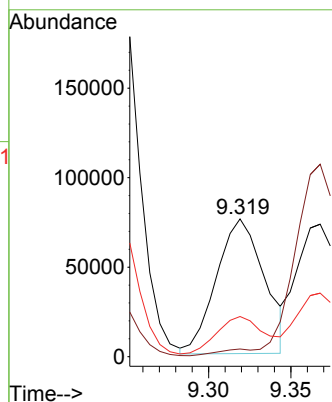
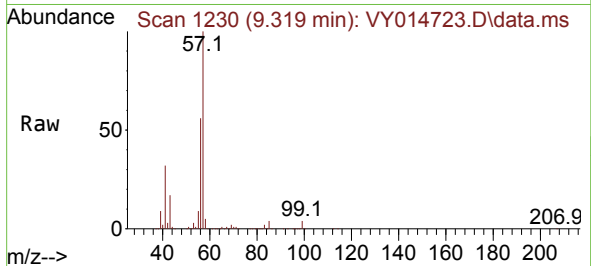




#48
Methyl methacrylate
Concen: 80.133 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

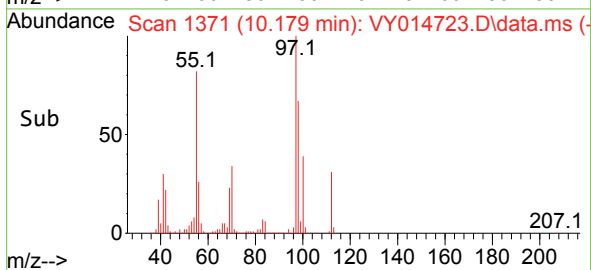
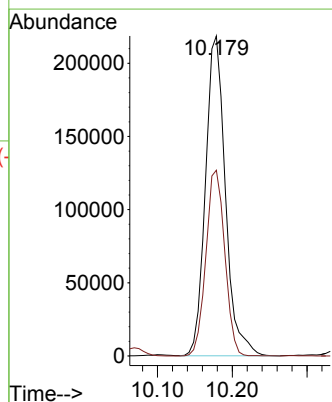
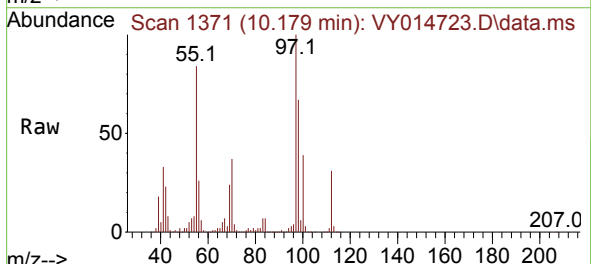
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

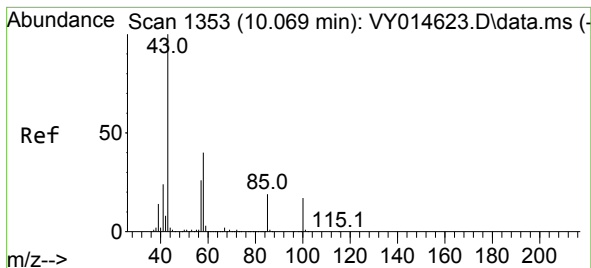
Tgt Ion: 41 Resp: 152491
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 27.9 50.8 76.2#



#50
Toluene-d8
Concen: 50.938 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 98 Resp: 404935
Ion Ratio Lower Upper
98 100
100 54.9 50.1 75.1

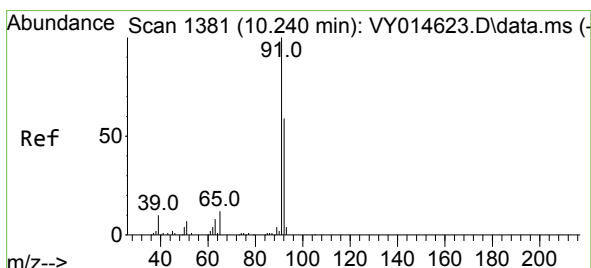
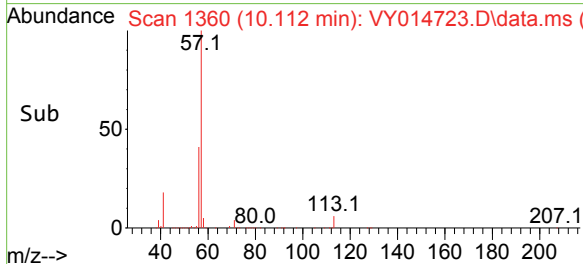
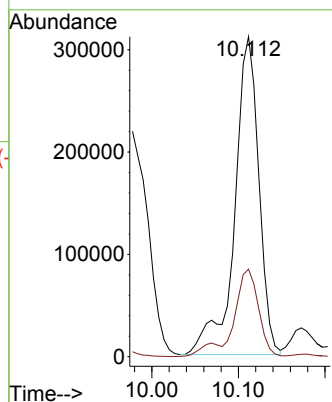
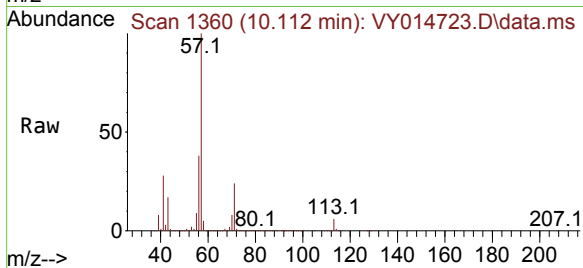




#51
4-Methyl-2-Pentanone
Concen: 272.544 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

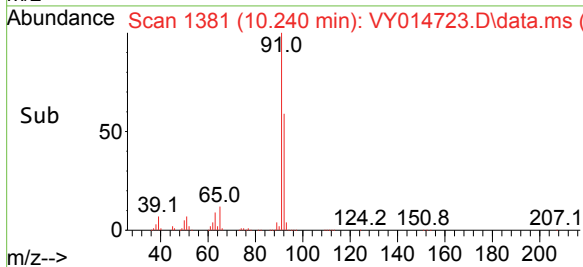
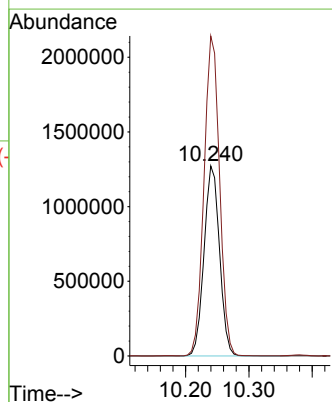
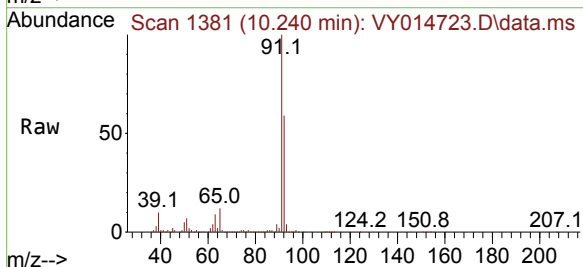
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

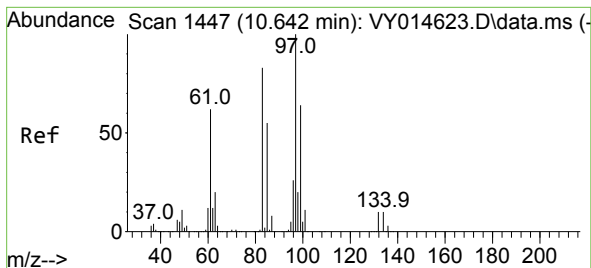
Tgt Ion: 43 Resp: 605177
Ion Ratio Lower Upper
43 100
58 25.0 29.0 43.6#



#52
Toluene
Concen: 368.847 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 92 Resp: 2164552
Ion Ratio Lower Upper
92 100
91 169.4 143.8 215.6

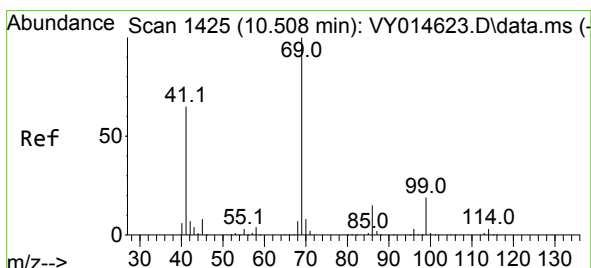
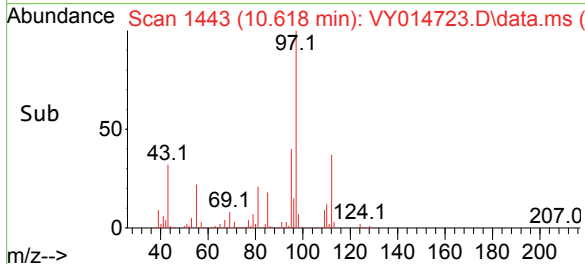
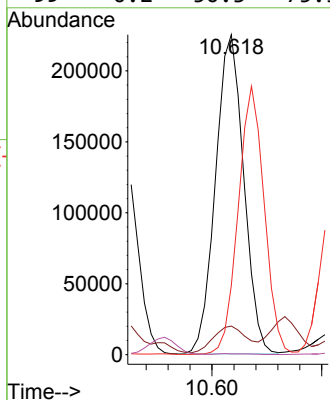
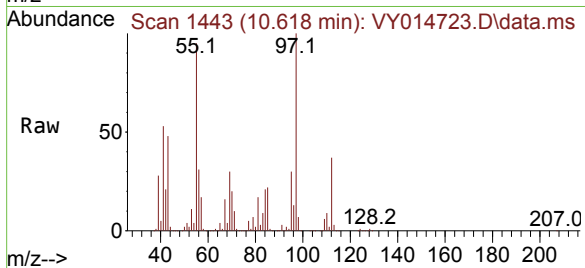




#55
1,1,2-Trichloroethane
Concen: 198.693 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

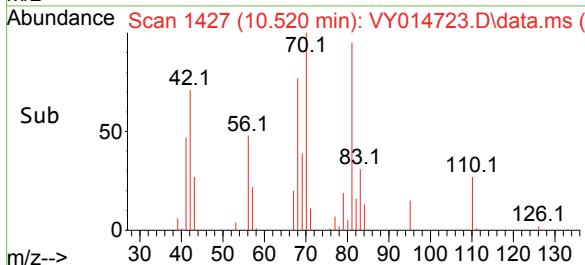
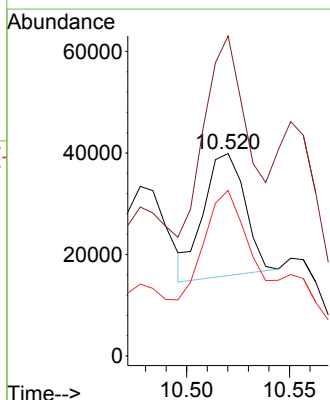
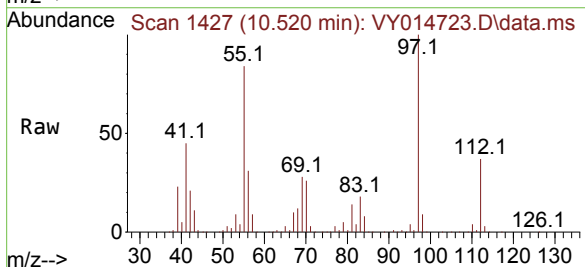
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

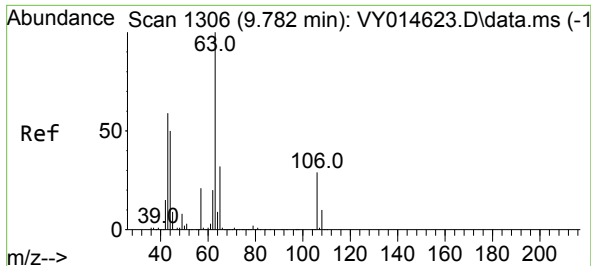
Tgt Ion: 97 Resp: 402085
Ion Ratio Lower Upper
97 100
83 7.7 72.0 108.0#
85 21.6 45.4 68.0#
99 0.2 50.3 75.5#



#56
Ethyl methacrylate
Concen: 10.988 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 69 Resp: 33950
Ion Ratio Lower Upper
69 100
41 261.5 57.6 86.4#
39 163.5 34.1 51.1#

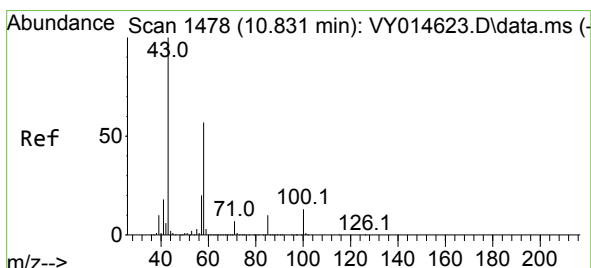
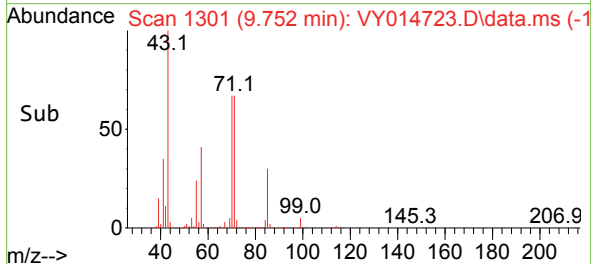
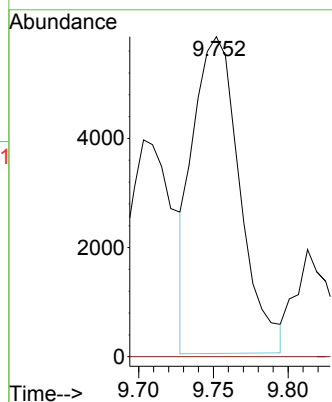
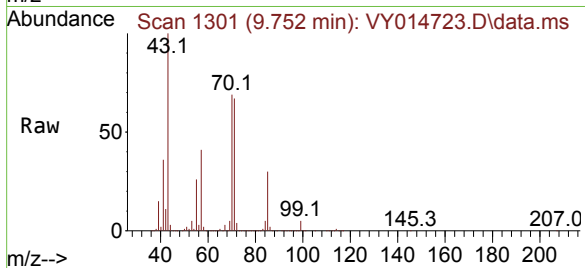




#58
2-Chloroethyl Vinyl ether
Concen: 8.738 ug/l
RT: 9.752 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

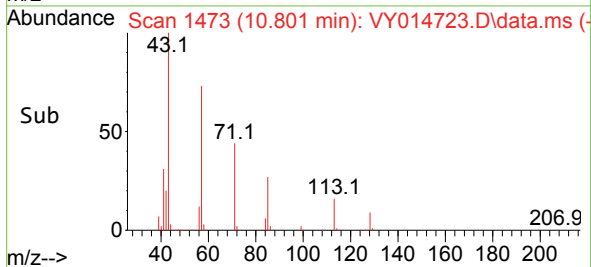
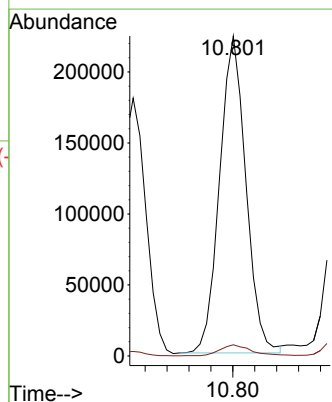
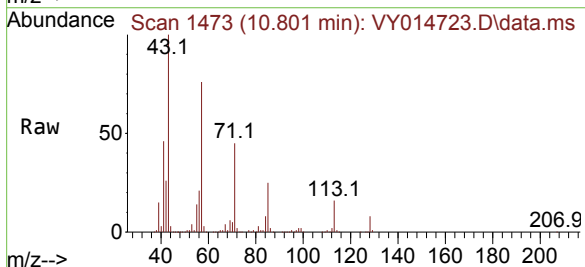
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

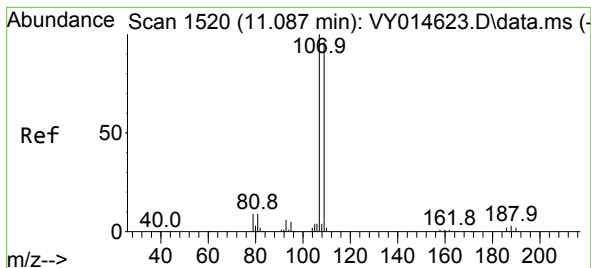
Tgt Ion: 63 Resp: 12580
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 229.665 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 43 Resp: 371895
Ion Ratio Lower Upper
43 100
58 4.2 25.1 75.3#

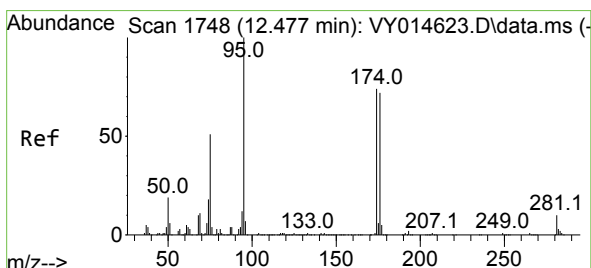
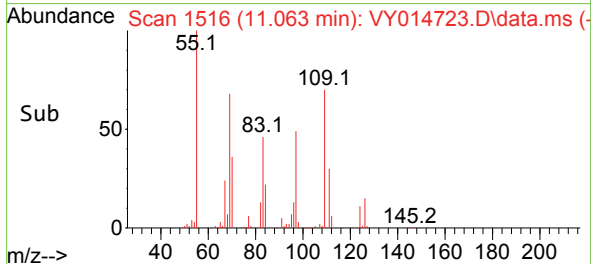
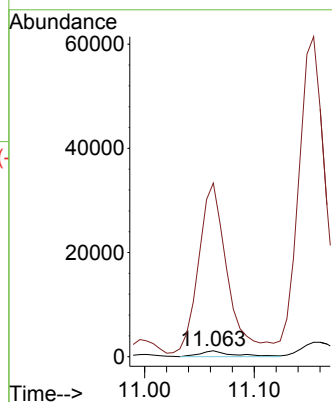
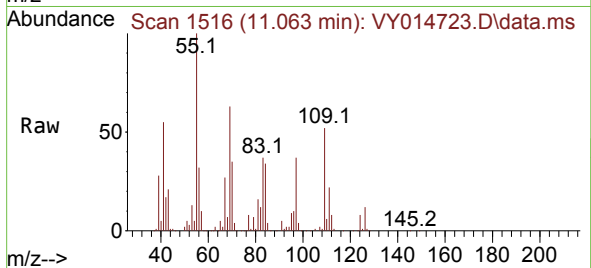




#61
1,2-Dibromoethane
Concen: 1.191 ug/l
RT: 11.063 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

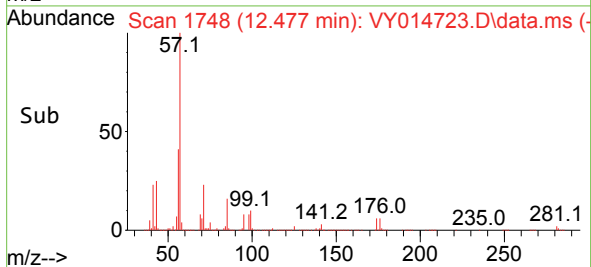
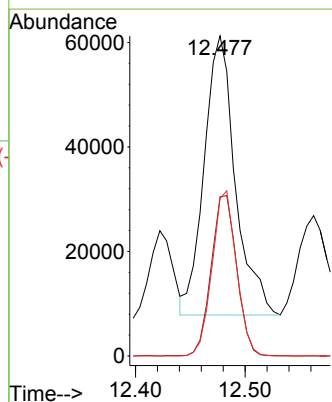
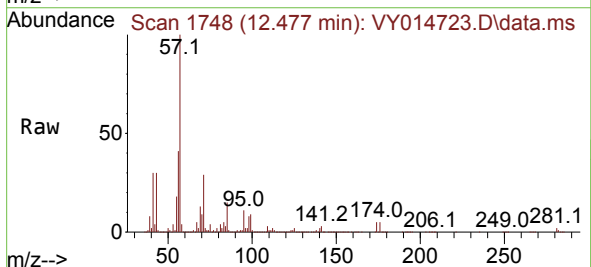
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

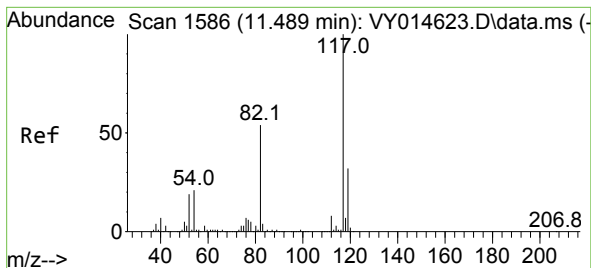
Tgt Ion:107 Resp: 2405
Ion Ratio Lower Upper
107 100
109 2470.7 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 34.650 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 95 Resp: 105620
Ion Ratio Lower Upper
95 100
174 47.2 0.0 178.2
176 46.3 0.0 173.8

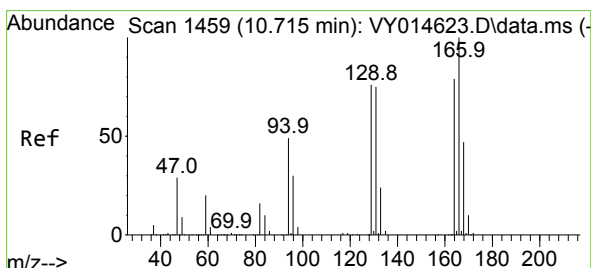
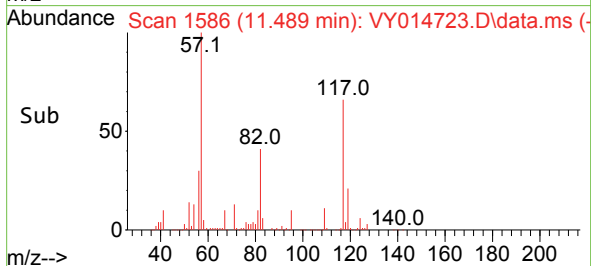
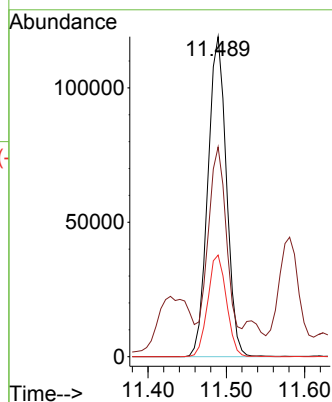
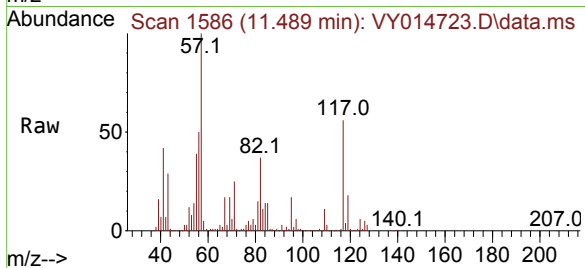




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

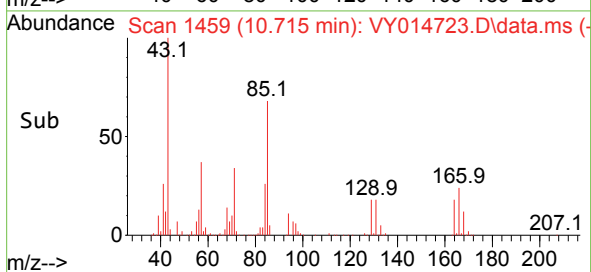
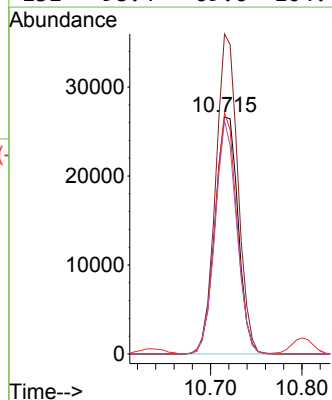
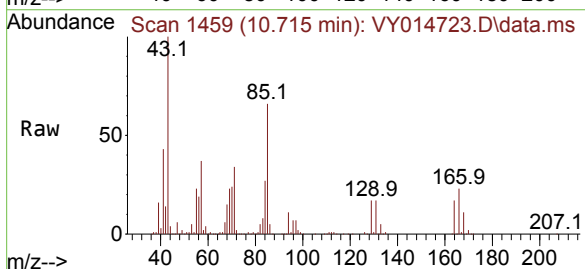
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

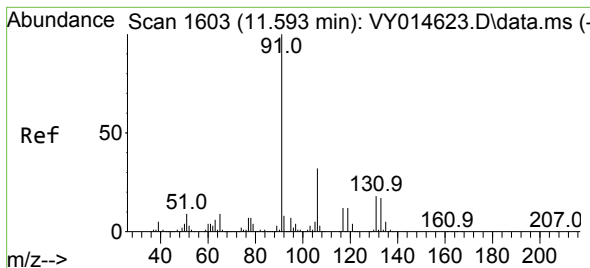
Tgt Ion:117 Resp: 195703
Ion Ratio Lower Upper
117 100
82 47.7 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 29.745 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion:164 Resp: 46818
Ion Ratio Lower Upper
164 100
166 134.9 103.0 154.6
129 101.7 77.2 115.8
131 98.4 69.6 104.4

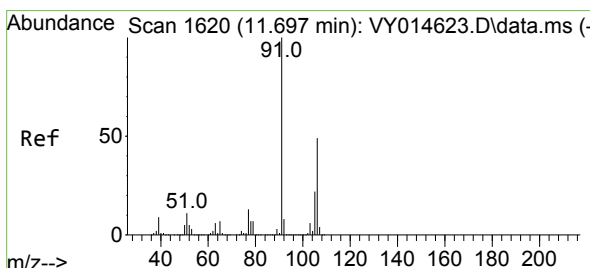
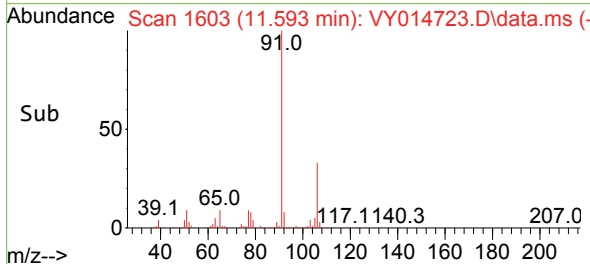
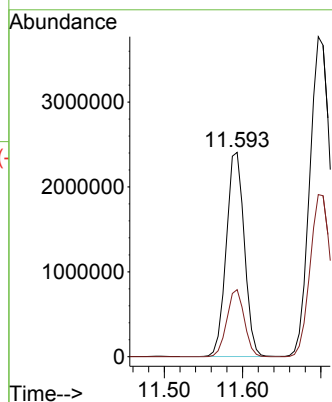
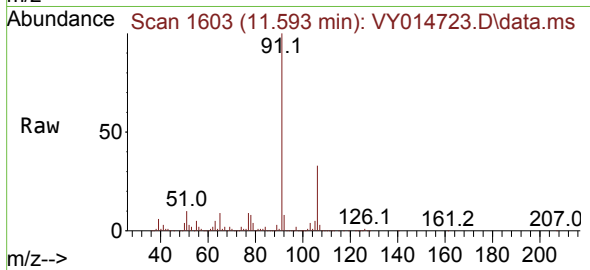




#67
Ethyl Benzene
Concen: 511.540 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

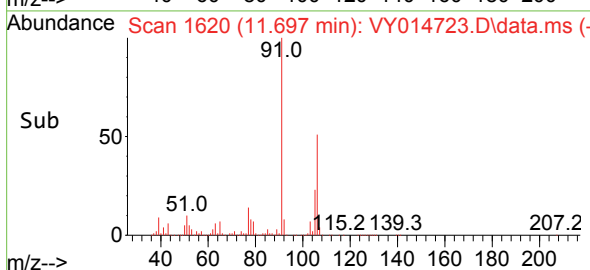
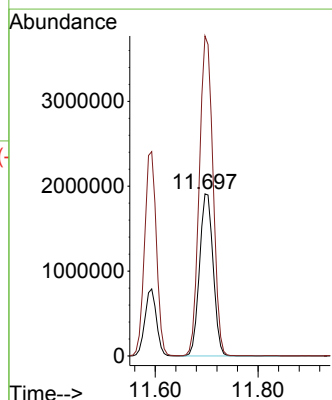
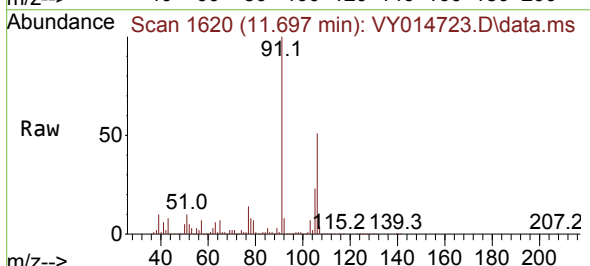
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

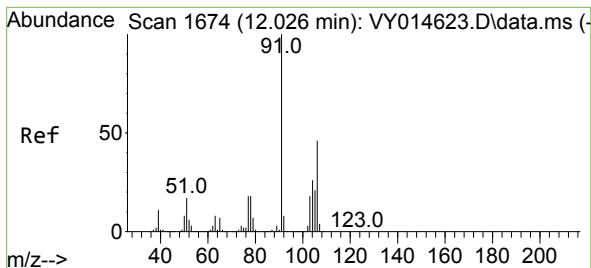
Tgt Ion: 91 Resp: 3851717
Ion Ratio Lower Upper
91 100
106 32.8 24.6 36.8



#68
m/p-Xylenes
Concen: 1220.642 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion:106 Resp: 3508439
Ion Ratio Lower Upper
106 100
91 198.1 166.1 249.1

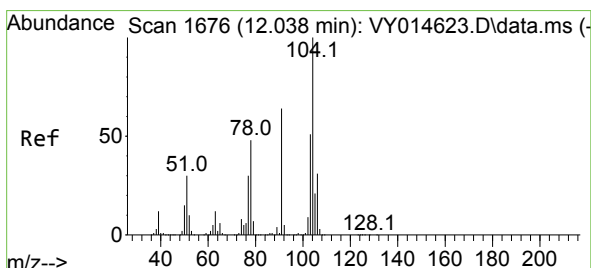
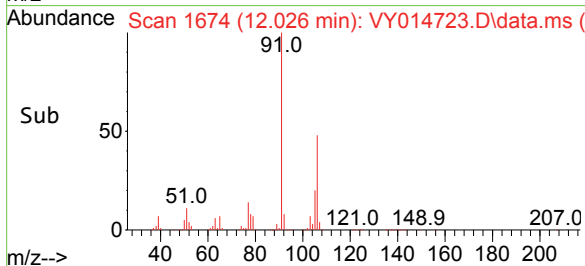
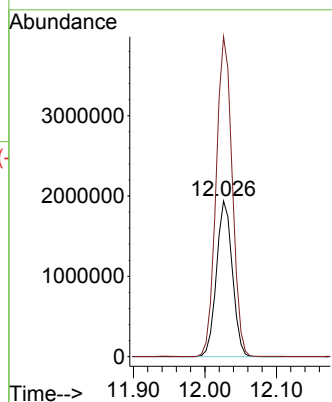
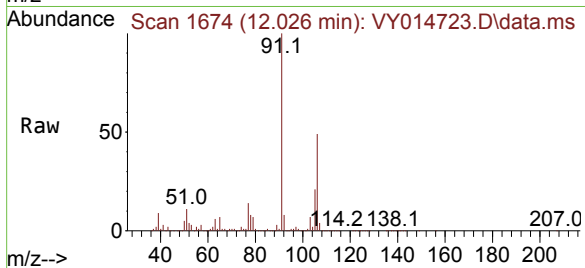




#69
o-Xylene
Concen: 1063.681 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

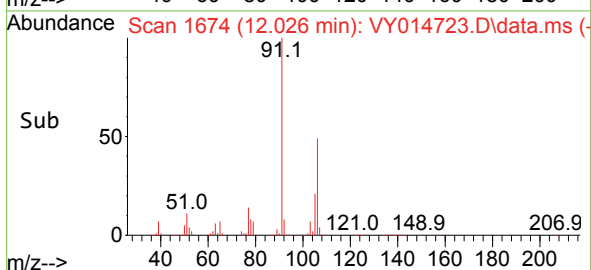
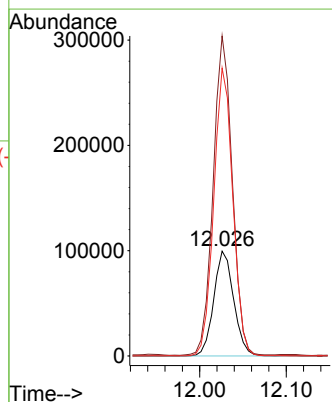
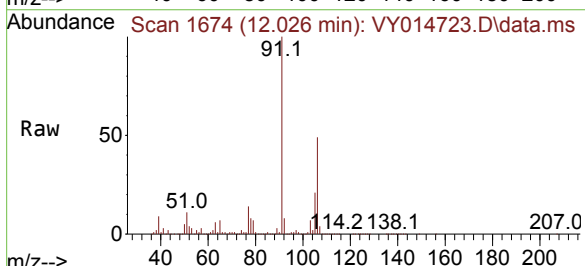
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

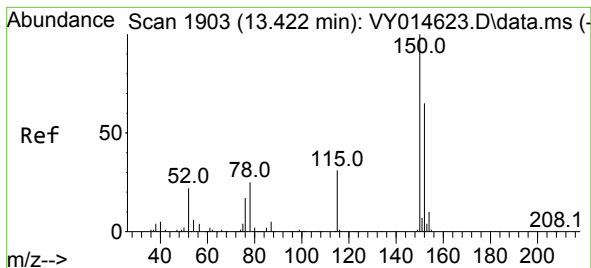
Tgt Ion:106 Resp: 2977825
Ion Ratio Lower Upper
106 100
91 209.2 108.1 324.3



#70
Styrene
Concen: 33.722 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.012 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion:104 Resp: 159114
Ion Ratio Lower Upper
104 100
78 291.9 41.5 62.3#
103 262.4 44.6 67.0#

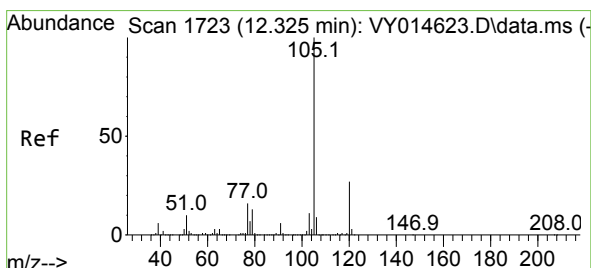
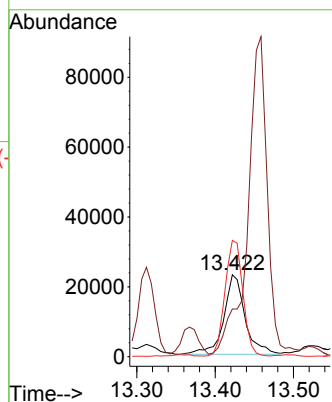
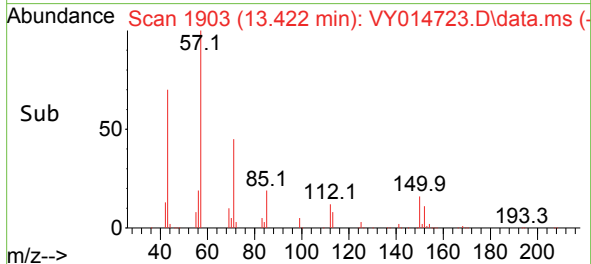
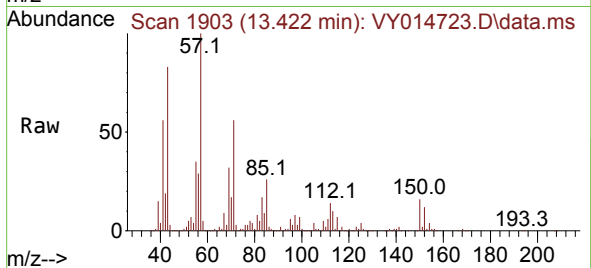




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

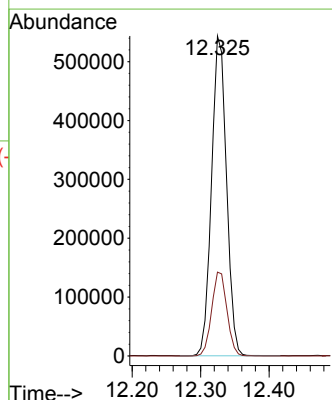
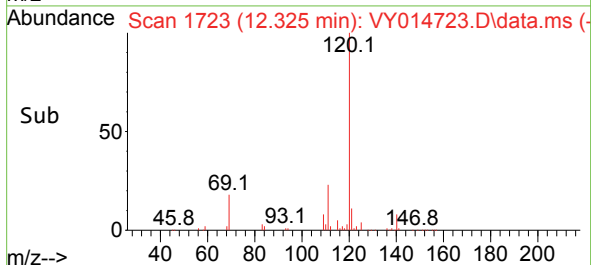
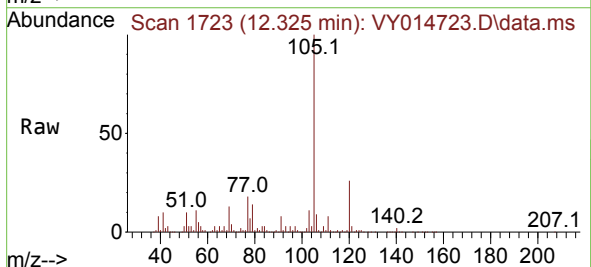
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

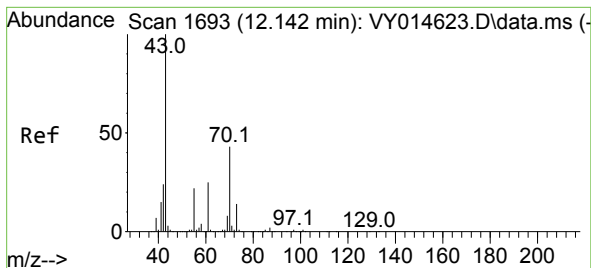
Tgt Ion:152 Resp: 43132
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.5#
150 122.0 0.0 348.8



#73
Isopropylbenzene
Concen: 244.106 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion:105 Resp: 824407
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9





#74

N-amy1 acetate

Concen: 329.332 ug/l

RT: 12.117 min Scan# 1

Delta R.T. -0.025 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SWC-1

Tgt Ion: 43 Resp: 372509

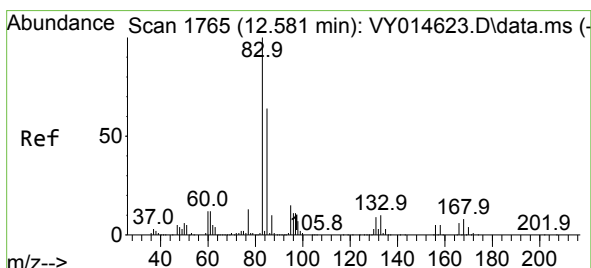
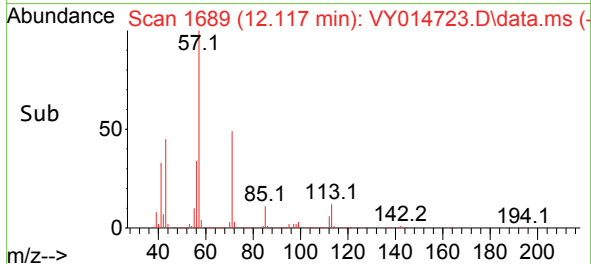
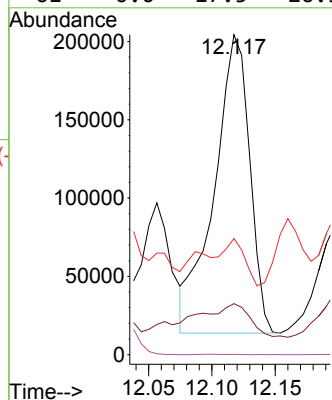
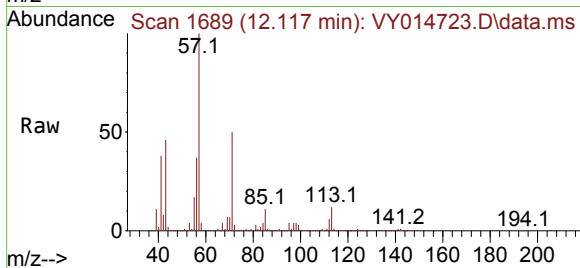
Ion Ratio Lower Upper

43 100

70 19.1 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 18.671 ug/l

RT: 12.569 min Scan# 1763

Delta R.T. -0.012 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

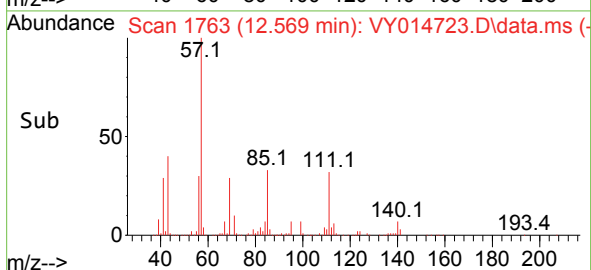
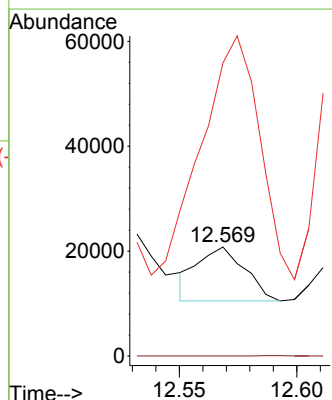
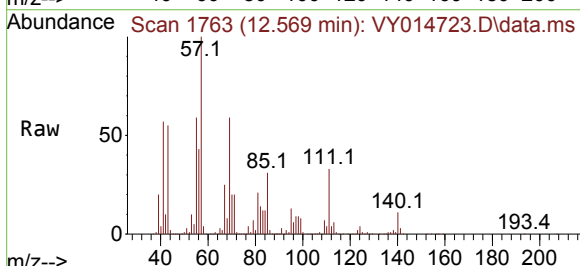
Tgt Ion: 83 Resp: 14380

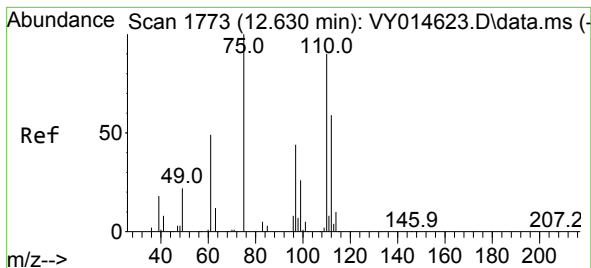
Ion Ratio Lower Upper

83 100

131 0.3 5.4 16.2#

85 651.6 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 26.906 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.036 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

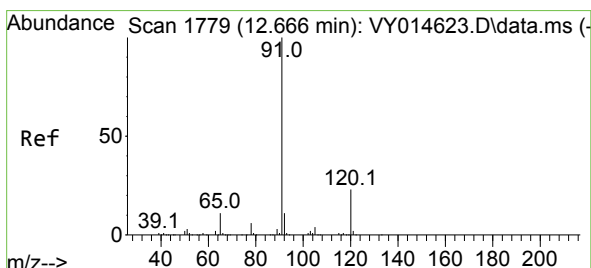
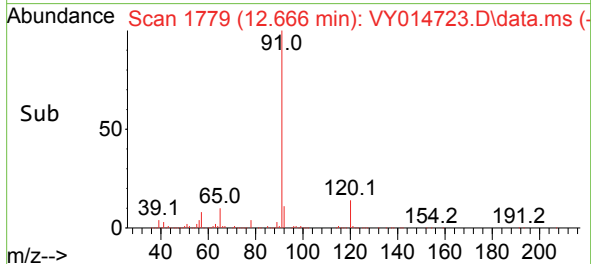
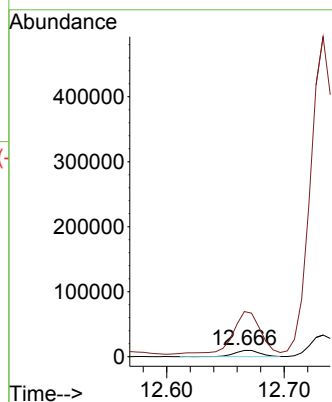
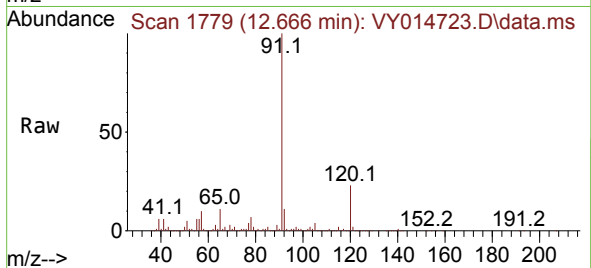
SWC-1

Tgt Ion: 75 Resp: 14657

Ion Ratio Lower Upper

75 100

77 732.1 0.0 0.0#



#78

n-propylbenzene

Concen: 599.159 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014723.D

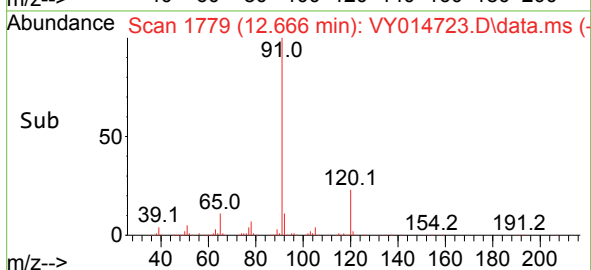
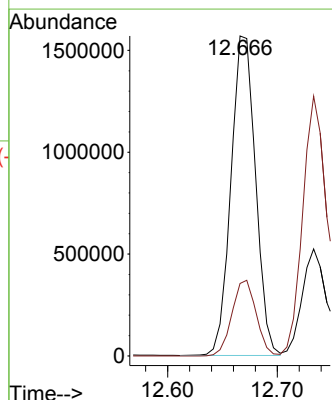
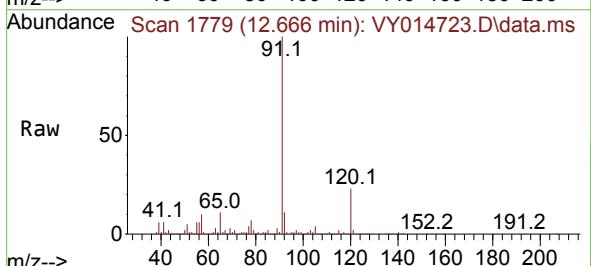
Acq: 20 Jul 2023 16:04

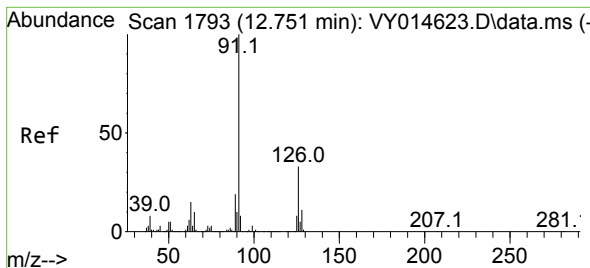
Tgt Ion: 91 Resp: 2438356

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 158.768 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.013 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

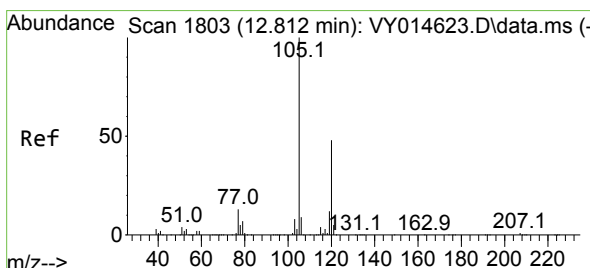
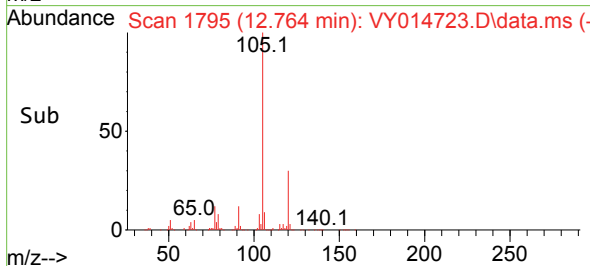
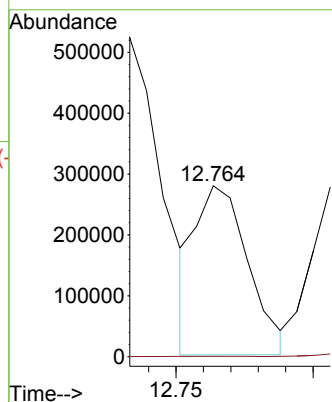
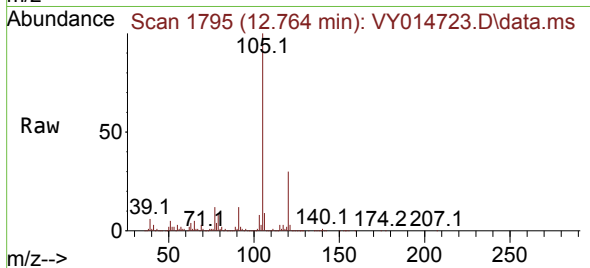
SWC-1

Tgt Ion: 91 Resp: 372158

Ion Ratio Lower Upper

91 100

126 0.1 17.3 51.7#



#80

1,3,5-Trimethylbenzene

Concen: 1392.322 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014723.D

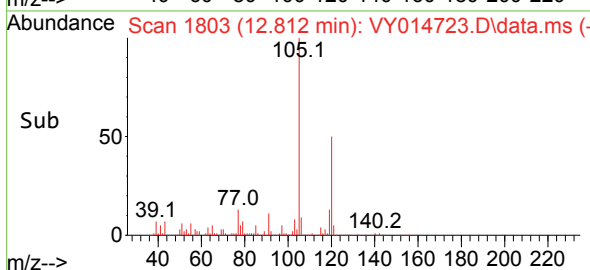
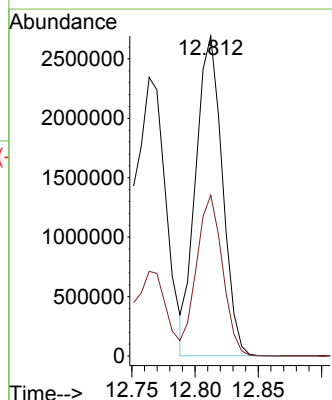
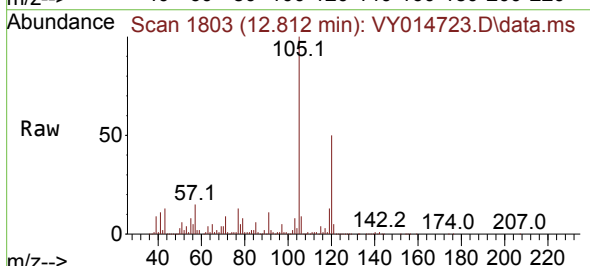
Acq: 20 Jul 2023 16:04

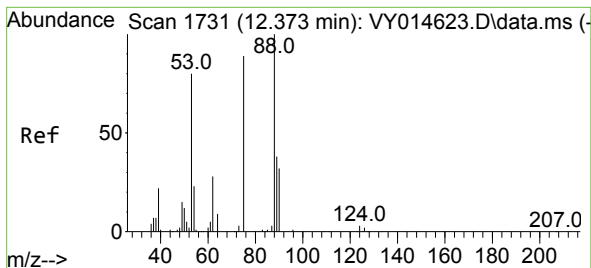
Tgt Ion:105 Resp: 3927039

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

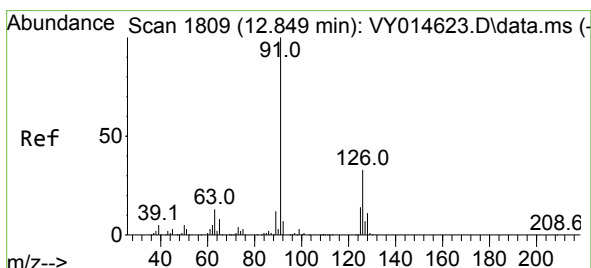
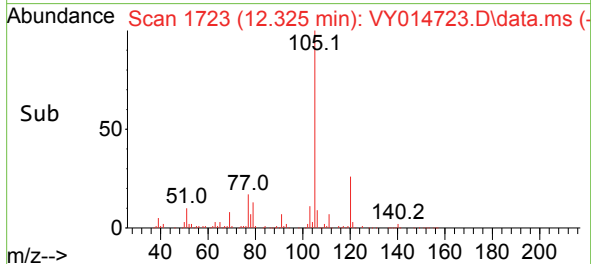
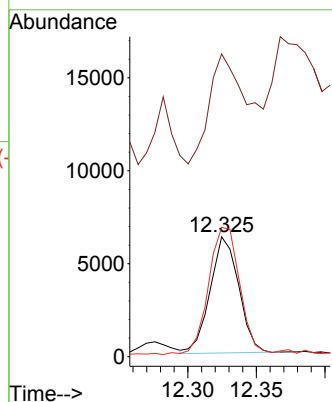
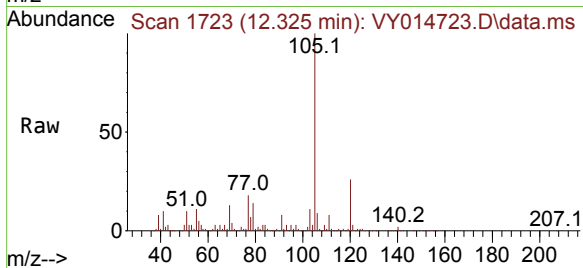




#81
trans-1,4-Dichloro-2-butene
Concen: 32.387 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.048 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

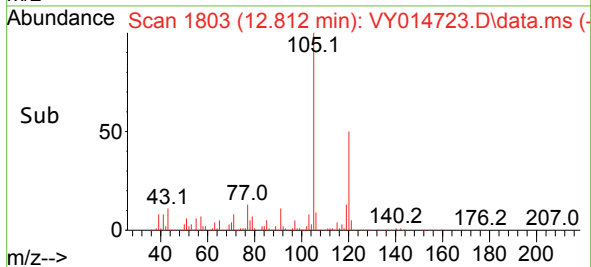
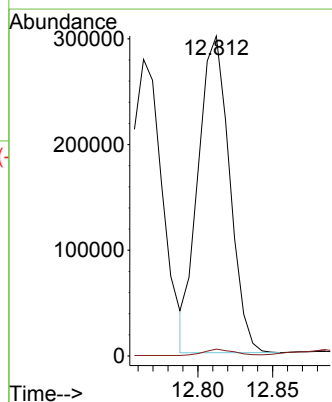
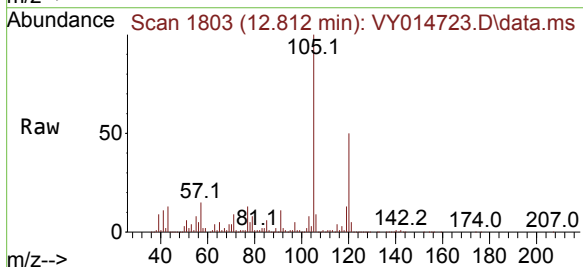
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

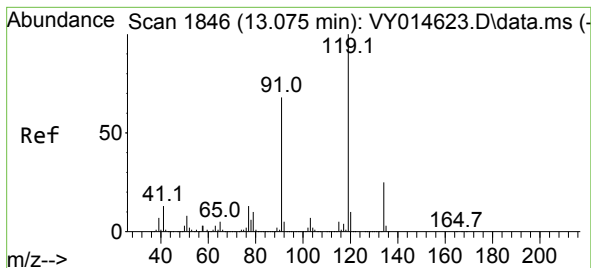
Tgt Ion: 75 Resp: 9112
Ion Ratio Lower Upper
75 100
53 130.3 77.8 116.8#
89 119.1 37.4 56.0#



#82
4-Chlorotoluene
Concen: 181.085 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 91 Resp: 437159
Ion Ratio Lower Upper
91 100
126 2.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 312.545 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.042 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SWC-1

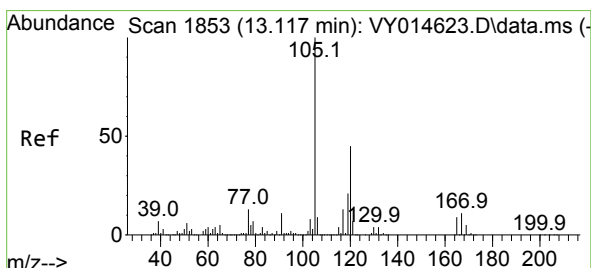
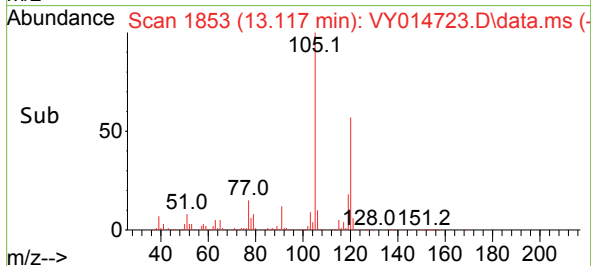
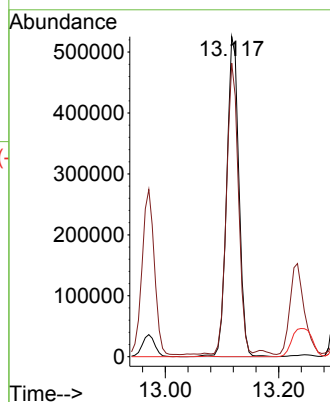
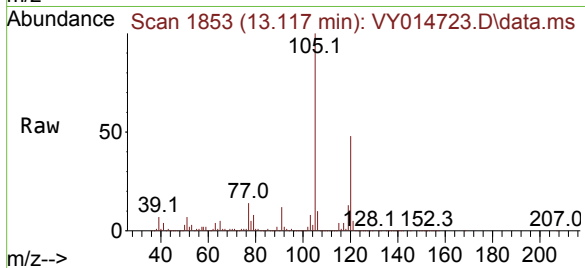
Tgt Ion:119 Resp: 781976

Ion Ratio Lower Upper

119 100

91 88.9 32.9 98.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 2240.258 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014723.D

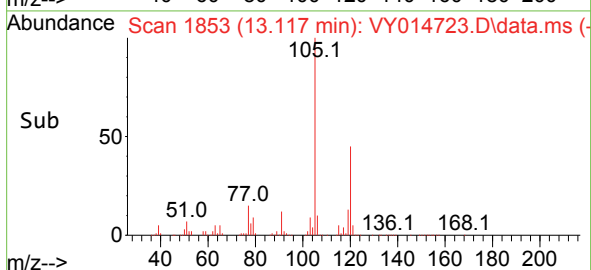
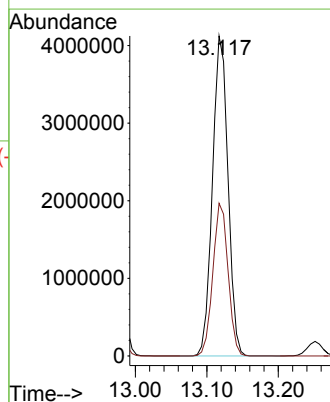
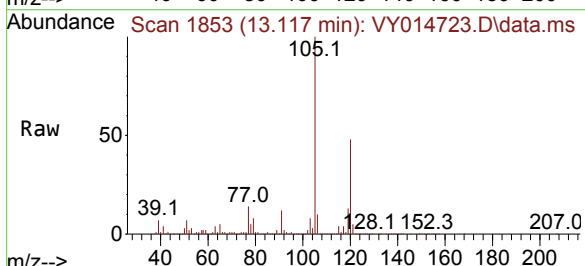
Acq: 20 Jul 2023 16:04

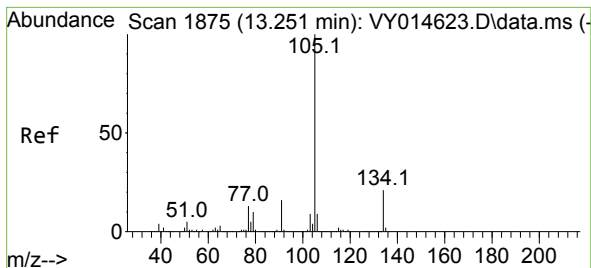
Tgt Ion:105 Resp: 6201002

Ion Ratio Lower Upper

105 100

120 46.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 74.740 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

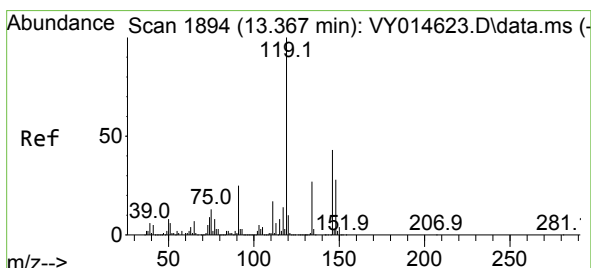
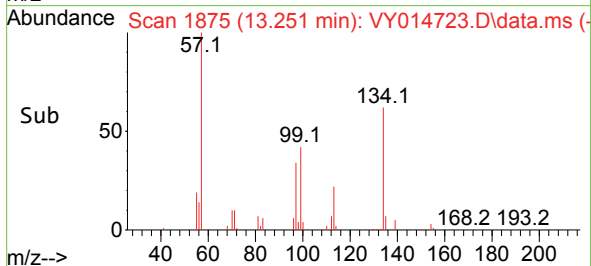
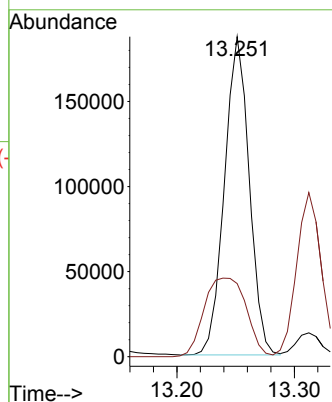
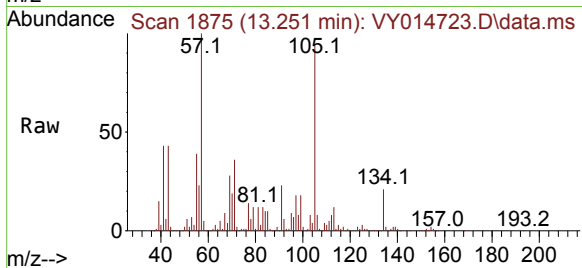
SWC-1

Tgt Ion:105 Resp: 274311

Ion Ratio Lower Upper

105 100

134 41.9 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 55.719 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014723.D

Acq: 20 Jul 2023 16:04

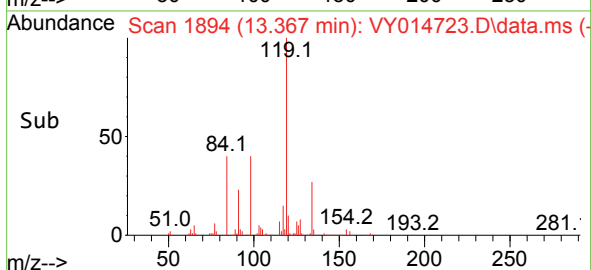
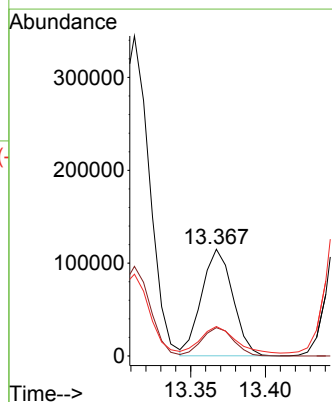
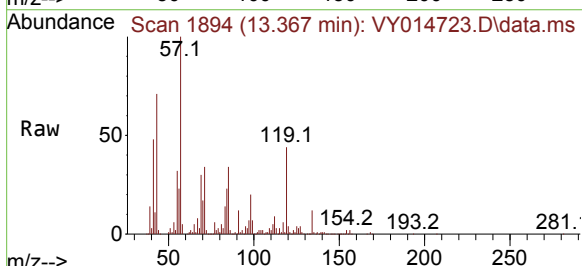
Tgt Ion:119 Resp: 166969

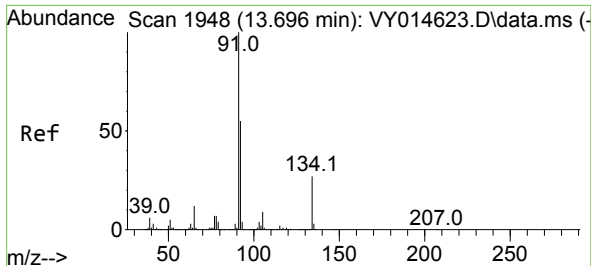
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 26.6 12.4 37.4

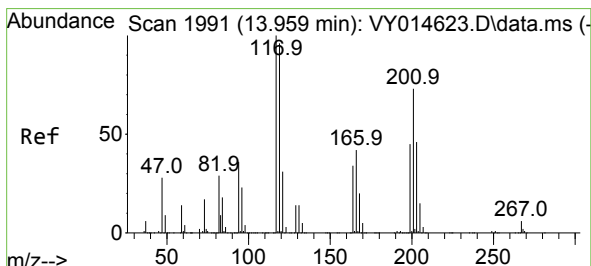
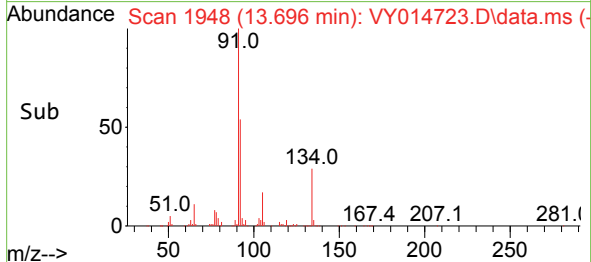
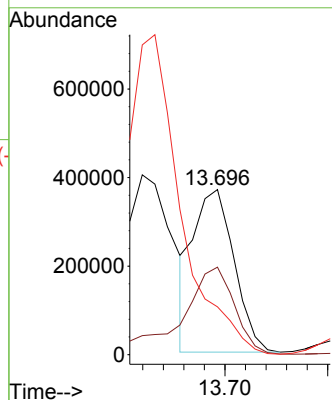
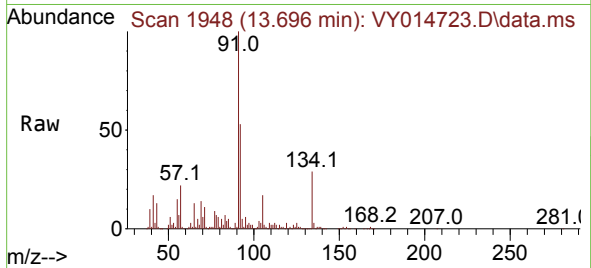




#89
n-Butylbenzene
Concen: 172.725 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

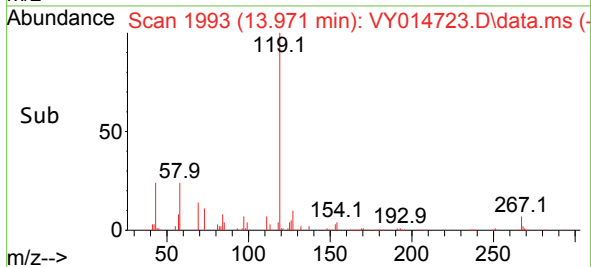
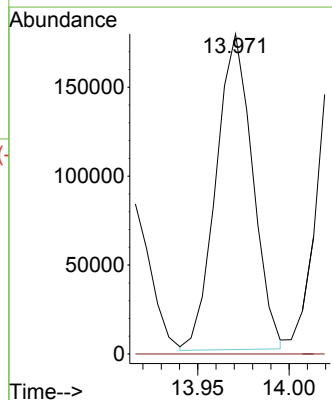
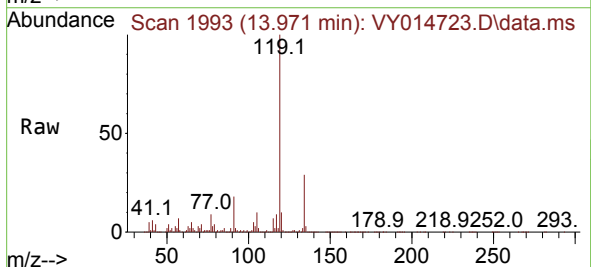
Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

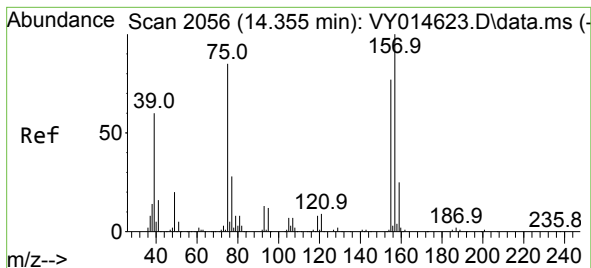
Tgt Ion: 91 Resp: 503567
Ion Ratio Lower Upper
91 100
92 69.1 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 402.348 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion: 117 Resp: 247647
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

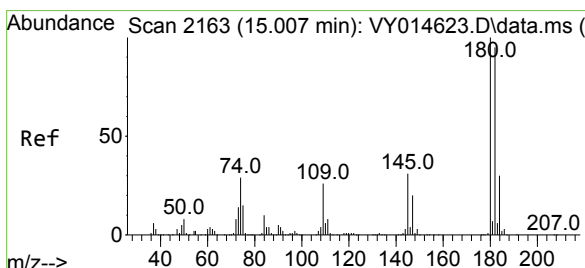
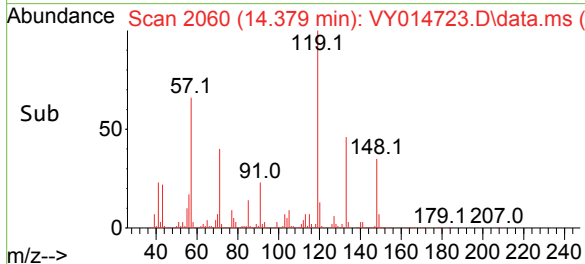
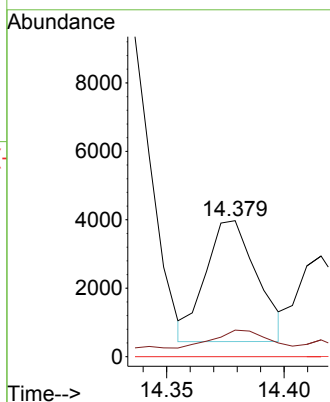
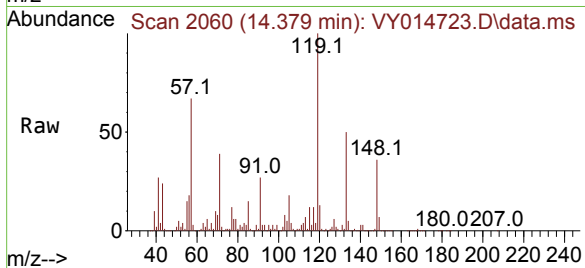




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.467 ug/l
 RT: 14.379 min Scan# 2056
 Delta R.T. 0.024 min
 Lab File: VY014723.D
 Acq: 20 Jul 2023 16:04

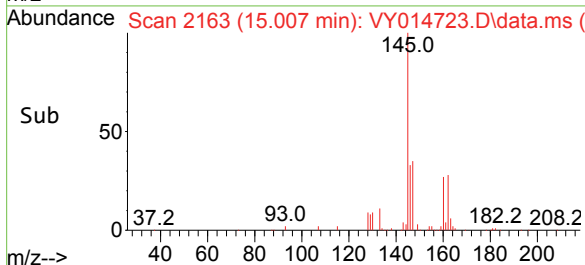
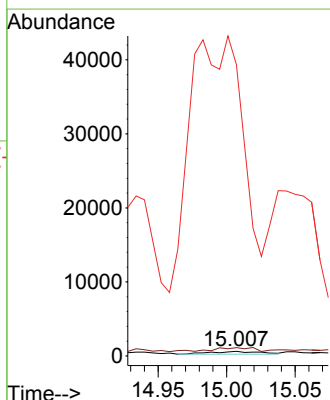
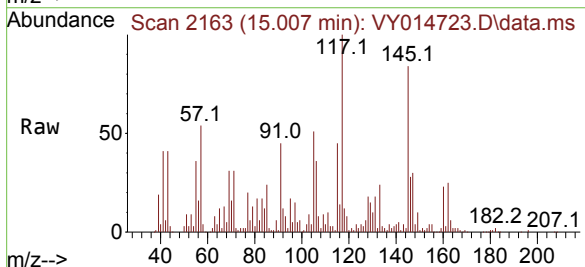
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWC-1

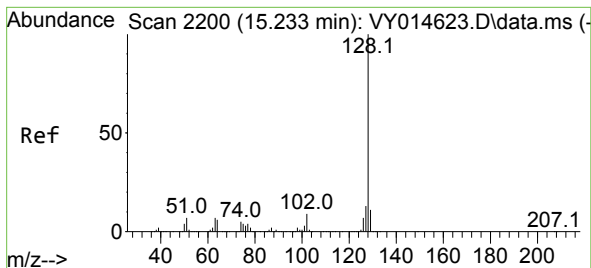
Tgt Ion: 75 Resp: 5371
 Ion Ratio Lower Upper
 75 100
 155 14.6 41.5 124.6#
 157 0.0 51.8 155.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.124 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY014723.D
 Acq: 20 Jul 2023 16:04

Tgt Ion: 180 Resp: 981
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.0 141.2
 145 11306.3 14.5 43.5#

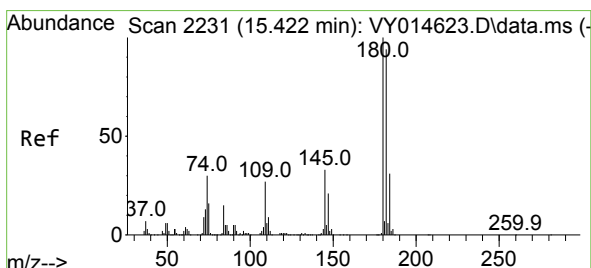
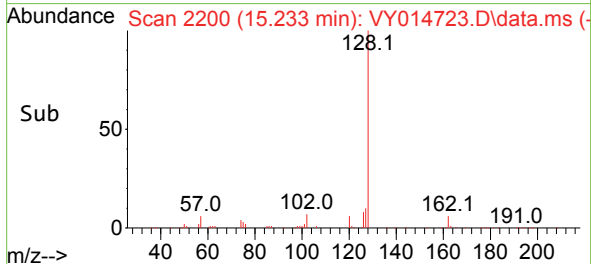
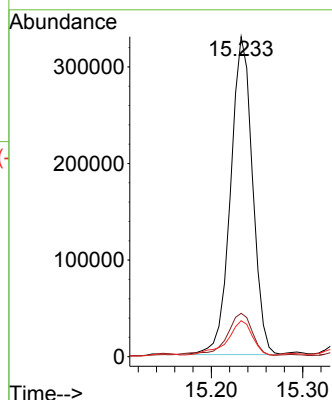
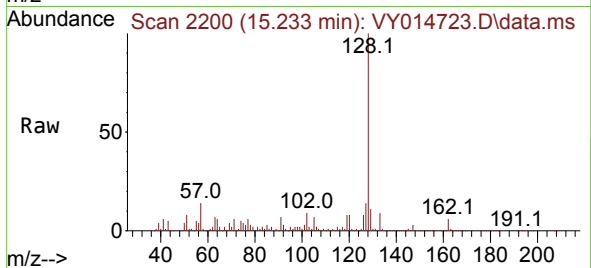




#95
Naphthalene
Concen: 269.945 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SWC-1

Tgt Ion:128 Resp: 548799
Ion Ratio Lower Upper
128 100
127 16.4 10.8 16.2#
129 12.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.145 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.024 min
Lab File: VY014723.D
Acq: 20 Jul 2023 16:04

Tgt Ion:180 Resp: 888
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 15.4 46.2#

