

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015689.D
 Acq On : 22 Sep 2023 17:04
 Operator : SY/MD
 Sample : 04566-05
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	129344	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	218321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79710	56.010	ug/l	0.01
Spiked Amount 50.000	Range	50 - 163	Recovery	=	112.020%	
35) Dibromofluoromethane	7.722	113	67089	51.341	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	102.680%	
50) Toluene-d8	10.185	98	263035	59.367	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	118.740%	
62) 4-Bromofluorobenzene	12.483	95	95027	54.653	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	109.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	133	2.660	ug/l #	2
11) Tert butyl alcohol	4.954	59	299	Below Cal	#	89
13) Acrolein	3.698	56	5028	23.069	ug/l #	1
14) Allyl chloride	4.704	41	79078	38.008	ug/l #	59
15) Acrylonitrile	5.247	53	11440	17.731	ug/l #	41
16) Acetone	3.948	43	65902	86.531	ug/l #	89
17) Carbon Disulfide	4.198	76	47007	21.264	ug/l	98
18) Methyl Acetate	4.704	43	191070	74.773	ug/l #	54
20) Methylene Chloride	4.722	84	18111	6.663	ug/l #	72
25) 2-Butanone	6.990	43	18304	17.003	ug/l	100
29) Tetrahydrofuran	7.356	42	1409	2.316	ug/l #	83
30) Chloroform	7.472	83	27897	9.545	ug/l #	19
31) Cyclohexane	7.789	56	430942	218.588	ug/l	92
36) 1,1-Dichloropropene	7.789	75	10148	5.252	ug/l #	49
37) Ethyl Acetate	6.990	43	18304	9.498	ug/l #	71
38) Carbon Tetrachloride	7.789	117	12929	6.165	ug/l #	16
39) Methylcyclohexane	9.185	83	343588	160.780	ug/l	96
40) Benzene	8.167	78	1162970	197.379	ug/l	100
41) Methacrylonitrile	7.362	41	4692	4.522	ug/l #	45
43) Isopropyl Acetate	8.270	43	14148	4.298	ug/l #	55
45) 1,2-Dichloropropane	9.185	63	3866	2.353	ug/l #	1
47) Bromodichloromethane	9.490	83	5747	2.453	ug/l #	26
48) Methyl methacrylate	9.374	41	19197	13.285	ug/l #	46
52) Toluene	10.246	92	64238	16.911	ug/l	93
55) 1,1,2-Trichloroethane	10.618	97	15098	9.802	ug/l #	18
56) Ethyl methacrylate	10.520	69	5906	2.602	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.764	63	1009	1.399	ug/l #	48
65) Chlorobenzene	11.520	112	213619	48.260	ug/l	98
67) Ethyl Benzene	11.593	91	357902	46.260	ug/l	99
68) m/p-Xylenes	11.709	106	129639	44.085	ug/l	97
69) o-Xylene	12.032	106	29845	10.350	ug/l	100
73) Isopropylbenzene	12.331	105	279956	37.704	ug/l	100
74) N-amyl acetate	12.111	43	3380	1.211	ug/l #	69
76) 1,2,3-Trichloropropane	12.483	75	48389	30.645	ug/l #	100
78) n-propylbenzene	12.672	91	94662	10.494	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	17023	2.739	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015689.D
 Acq On : 22 Sep 2023 17:04
 Operator : SY/MD
 Sample : 04566-05
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

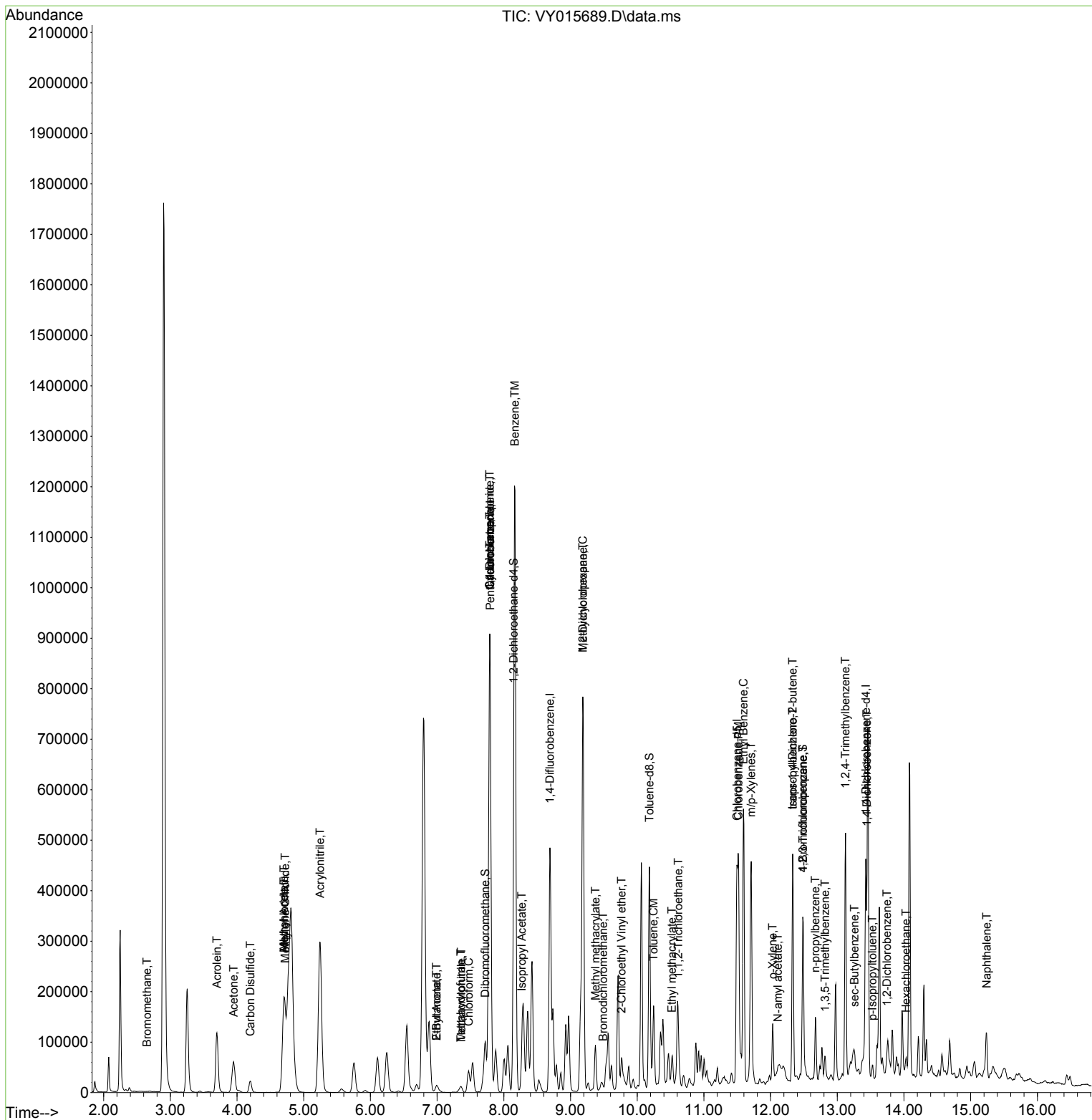
Quant Time: Sep 22 22:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

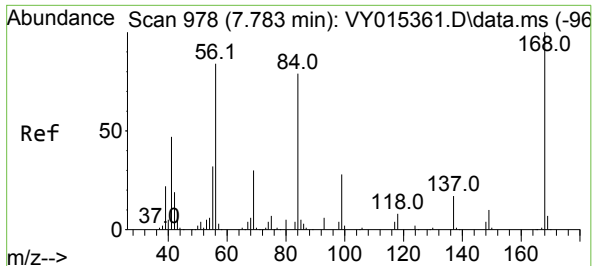
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.331	75	3313	4.725	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.123	105	252411	40.584	ug/l	97
85) sec-Butylbenzene	13.257	105	19863	2.438	ug/l #	60
86) p-Isopropyltoluene	13.526	119	11448	1.682	ug/l	92
88) 1,4-Dichlorobenzene	13.446	146	4098	1.133	ug/l #	12
90) Hexachloroethane	14.032	117	11708	8.914	ug/l #	8
91) 1,2-Dichlorobenzene	13.745	146	8709	2.609	ug/l #	83
95) Naphthalene	15.239	128	68351	12.475	ug/l	99

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

Quant Time: Sep 22 22:58:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

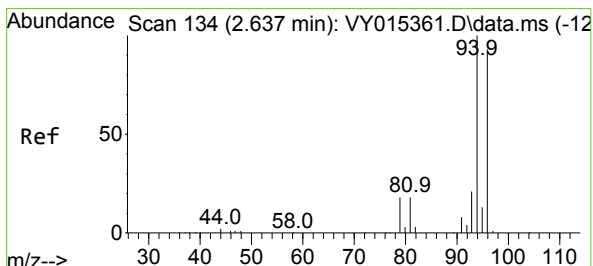
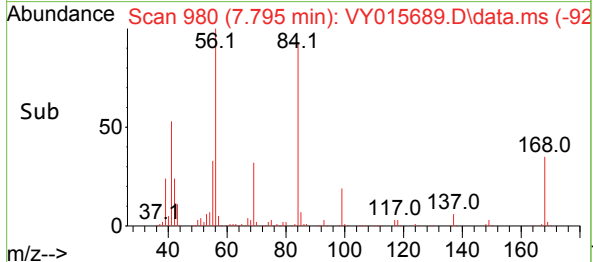
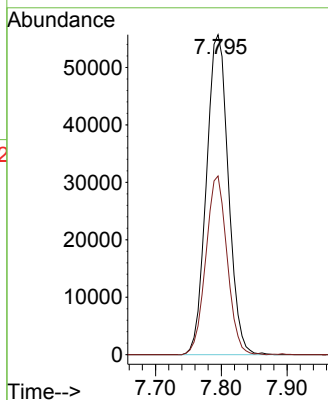
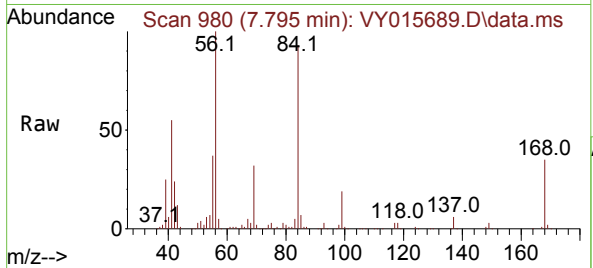




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

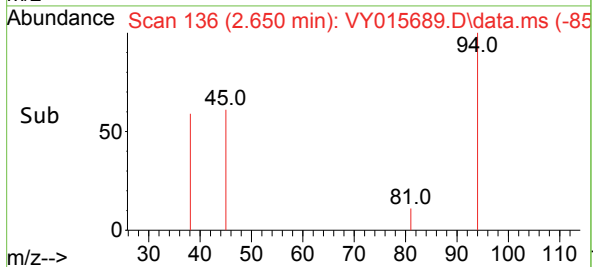
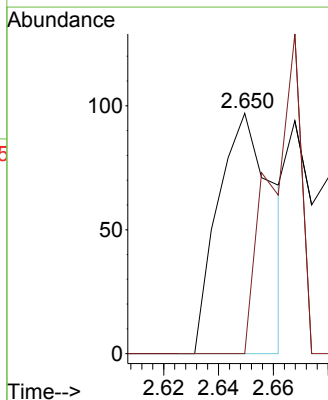
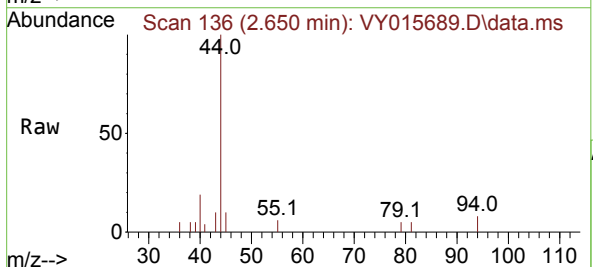
Instrument :
MSVOA_Y
ClientSampleId :

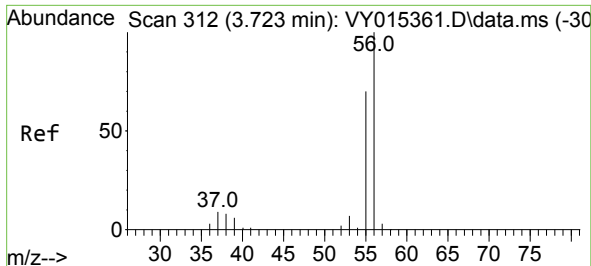
Tgt Ion:168 Resp: 129344
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#5
Bromomethane
Concen: 2.660 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#





#13

Acrolein

Concen: 23.069 ug/l

RT: 3.698 min Scan# 308

Delta R.T. -0.025 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

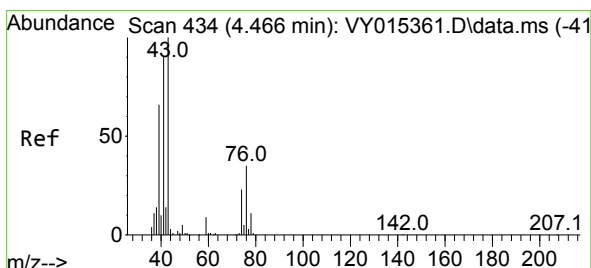
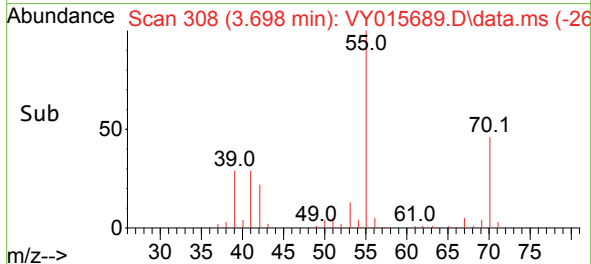
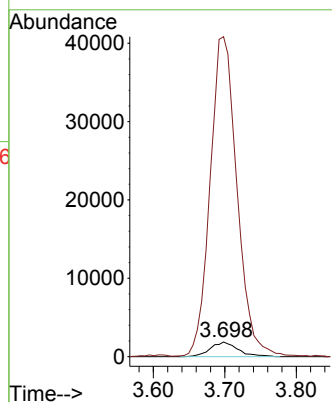
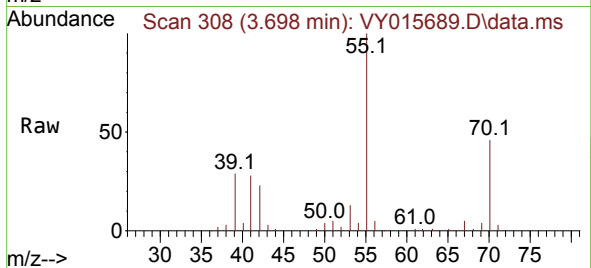
ClientSampleId :

Tgt Ion: 56 Resp: 5028

Ion Ratio Lower Upper

56 100

55 2117.0 57.0 85.4#



#14

Allyl chloride

Concen: 38.008 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.232 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

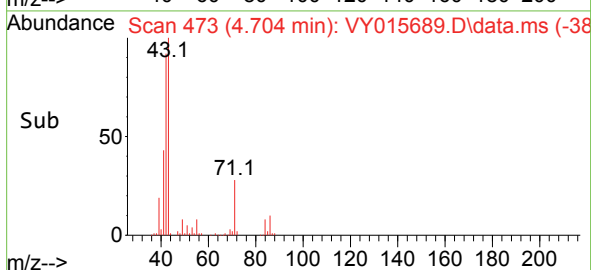
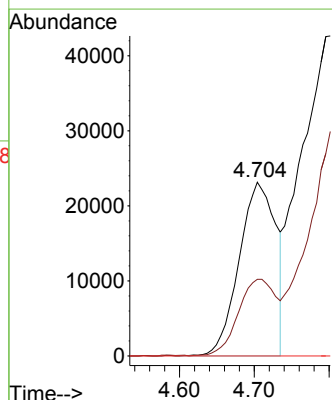
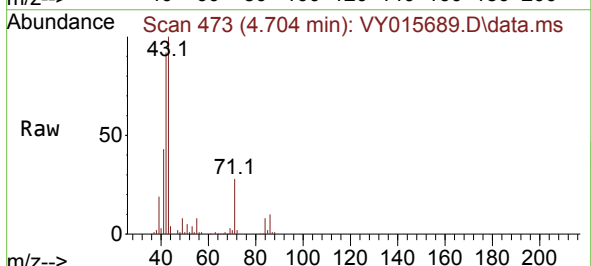
Tgt Ion: 41 Resp: 79078

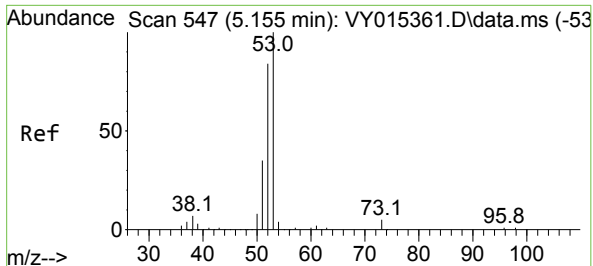
Ion Ratio Lower Upper

41 100

39 45.6 58.0 87.0#

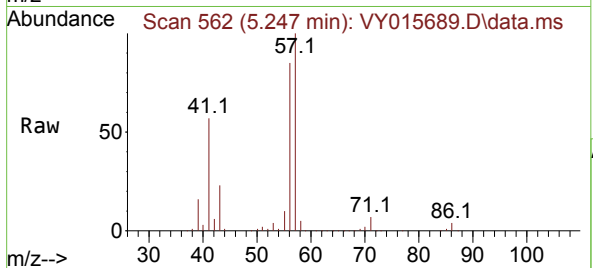
76 0.0 27.4 41.2#



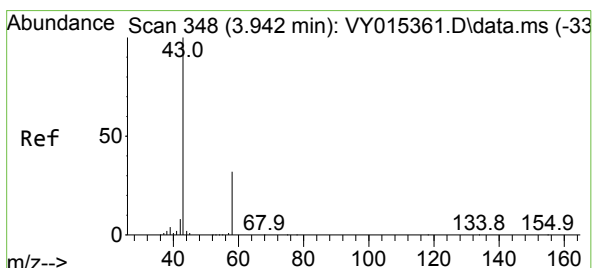
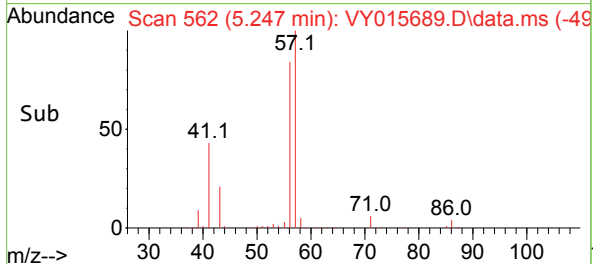
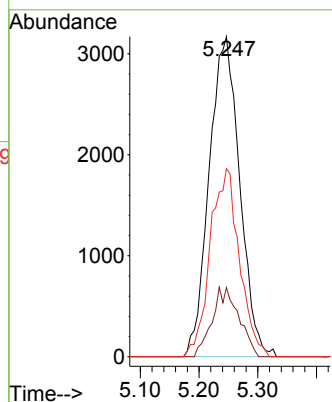


#15
Acrylonitrile
Concen: 17.731 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.086 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

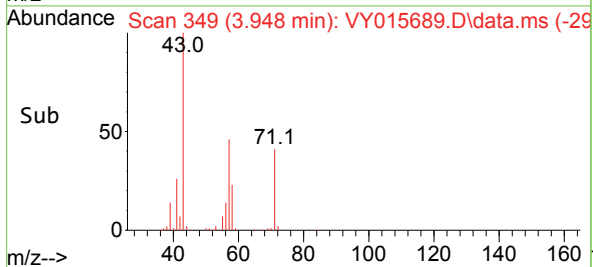
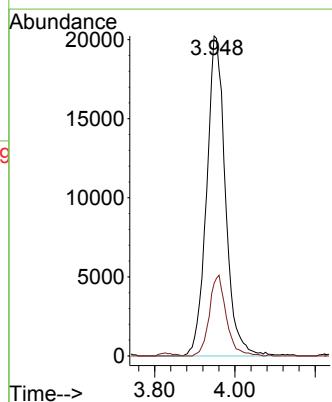
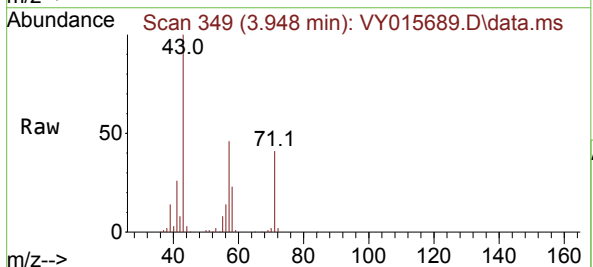


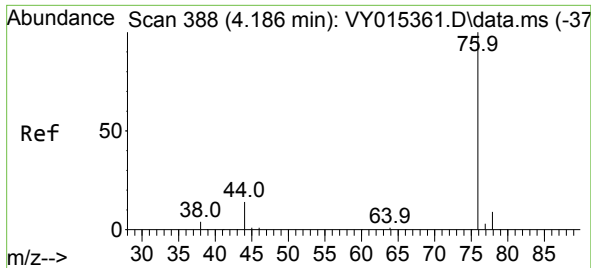
Tgt Ion: 53 Resp: 11440
Ion Ratio Lower Upper
53 100
52 19.0 66.9 100.3#
51 56.2 29.8 44.6#



#16
Acetone
Concen: 86.531 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

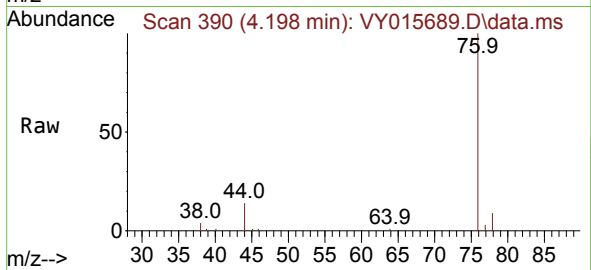
Tgt Ion: 43 Resp: 65902
Ion Ratio Lower Upper
43 100
58 22.7 22.7 34.1#



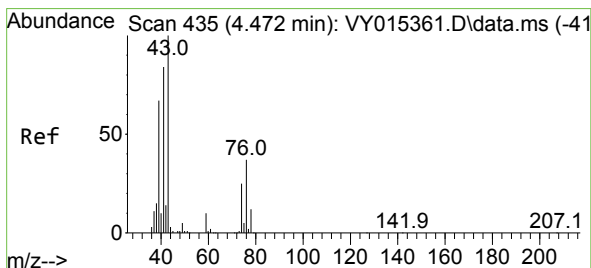
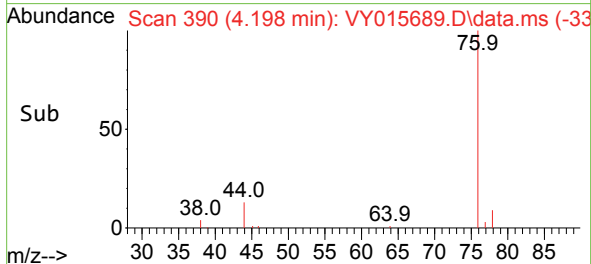
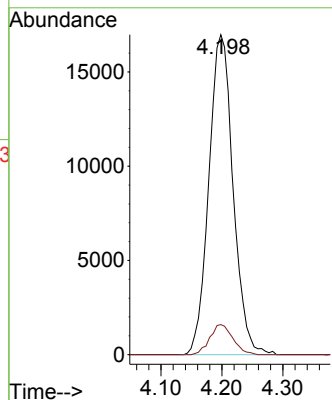


#17
Carbon Disulfide
Concen: 21.264 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

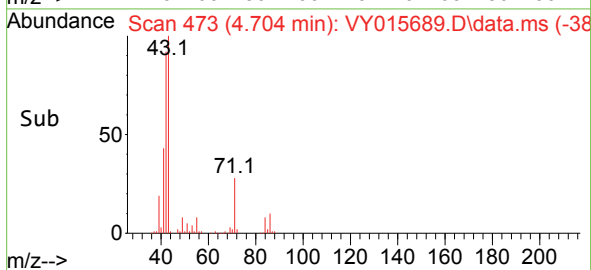
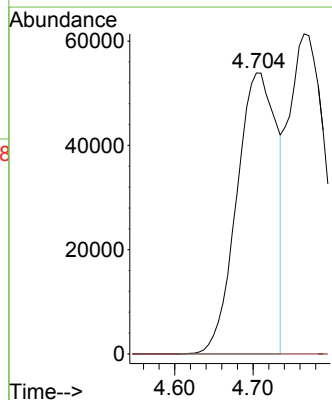
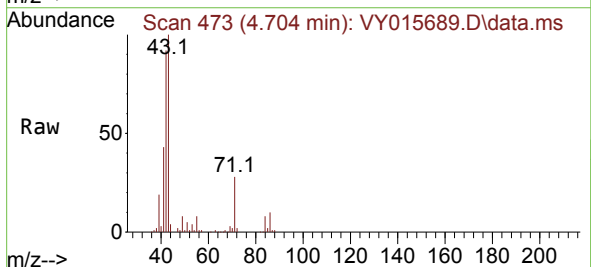


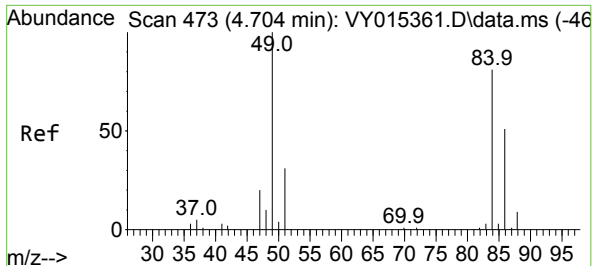
Tgt Ion: 76 Resp: 47007
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 74.773 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.232 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 43 Resp: 191070
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





#20

Methylene Chloride

Concen: 6.663 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.018 min

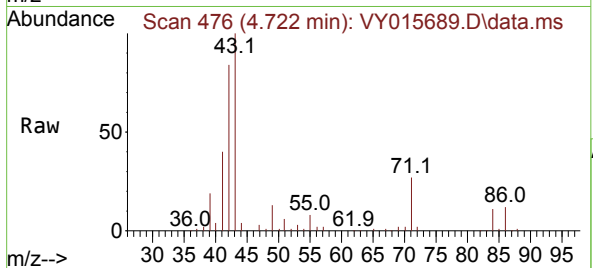
Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 18111

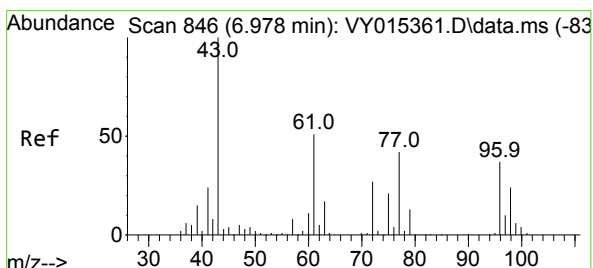
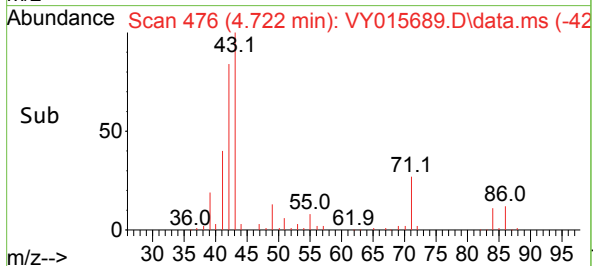
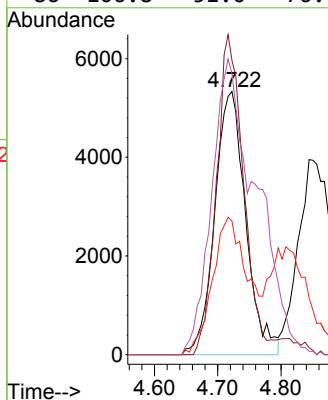
Ion Ratio Lower Upper

84 100

49 111.8 106.9 160.3

51 50.8 33.2 49.8#

86 106.8 51.0 76.6#



#25

2-Butanone

Concen: 17.003 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY015689.D

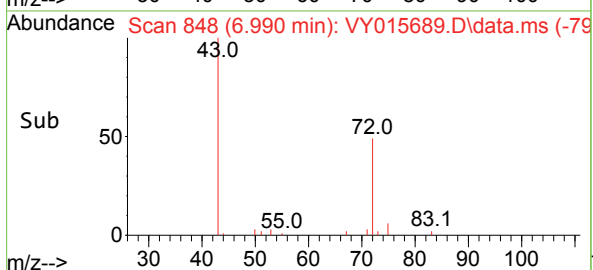
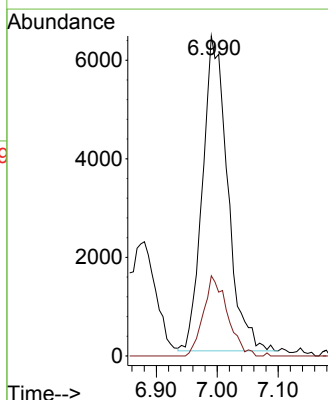
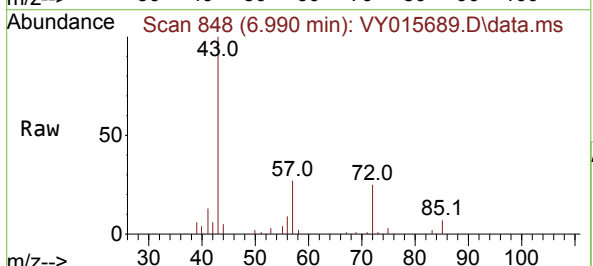
Acq: 22 Sep 2023 17:04

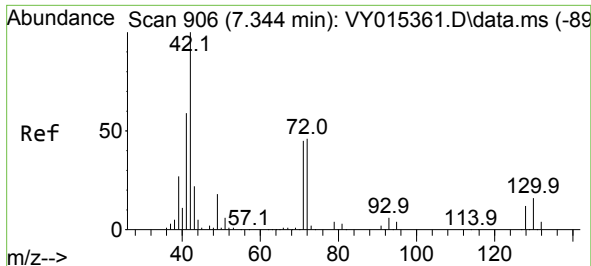
Tgt Ion: 43 Resp: 18304

Ion Ratio Lower Upper

43 100

72 25.4 20.5 30.7





#29

Tetrahydrofuran

Concen: 2.316 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

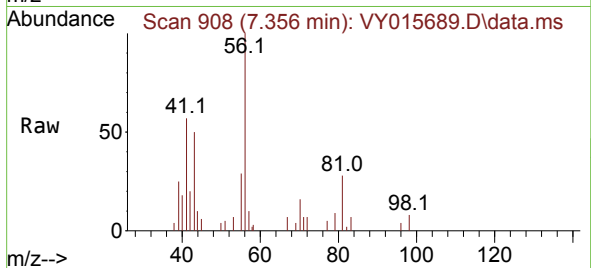
Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

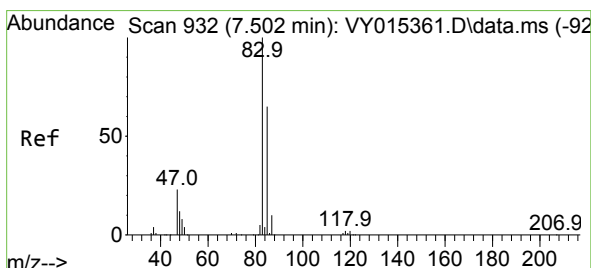
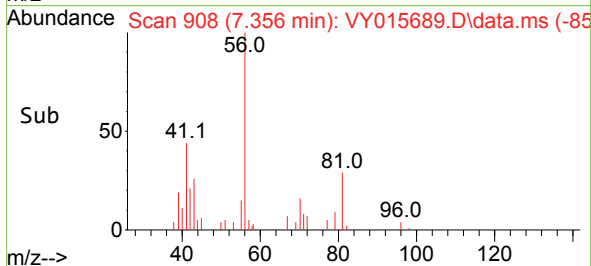
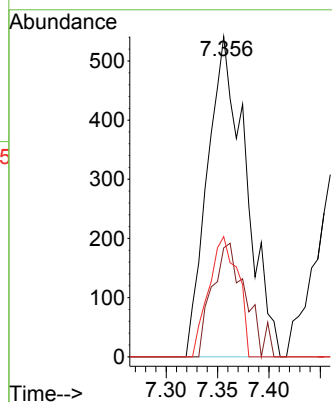
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	1409
Ion	Ratio	Lower	Upper
42	100		
72	30.7	32.8	49.2#
71	28.4	31.0	46.4#



#30

Chloroform

Concen: 9.545 ug/l

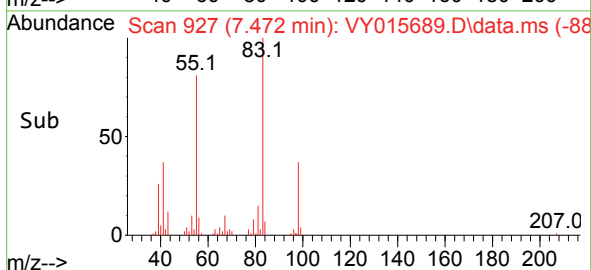
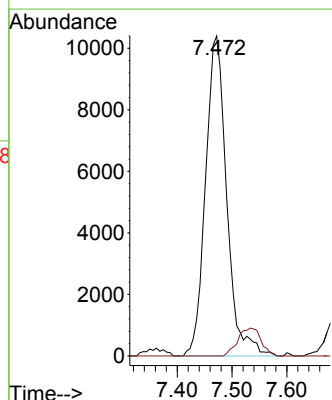
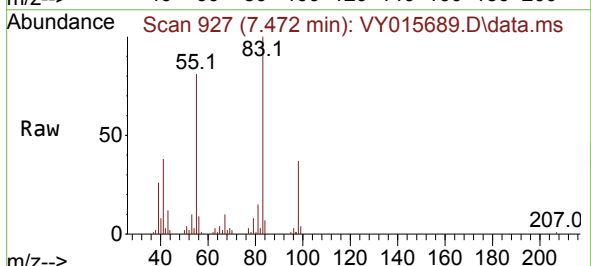
RT: 7.472 min Scan# 927

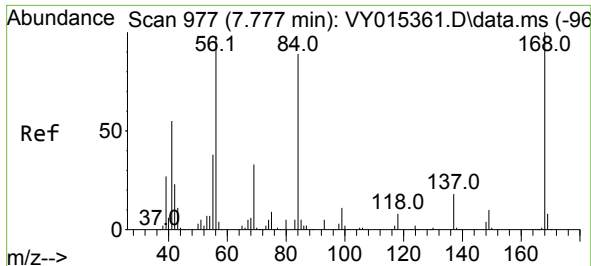
Delta R.T. -0.024 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Tgt Ion:	83	Resp:	27897
Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.7	74.5#

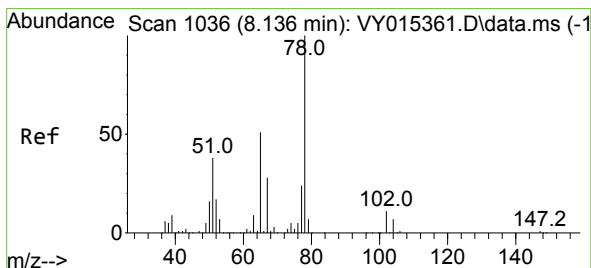
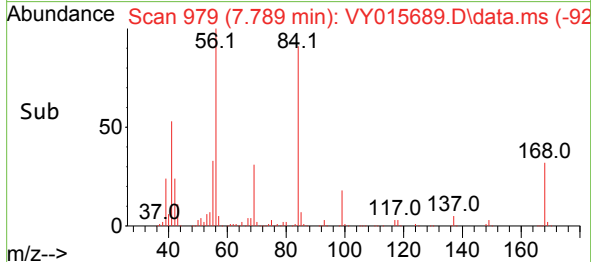
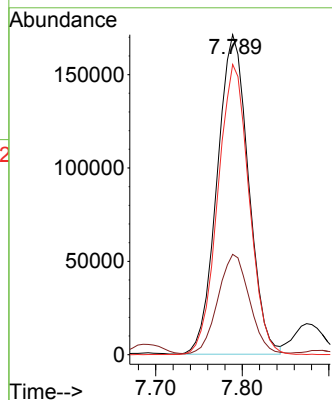
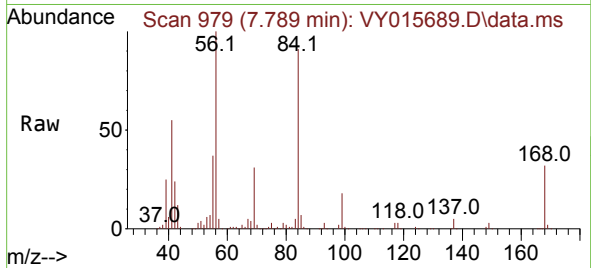




#31
Cyclohexane
Concen: 218.588 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

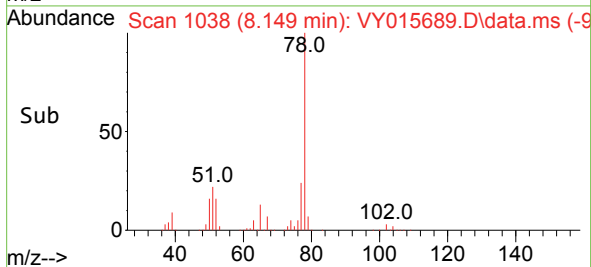
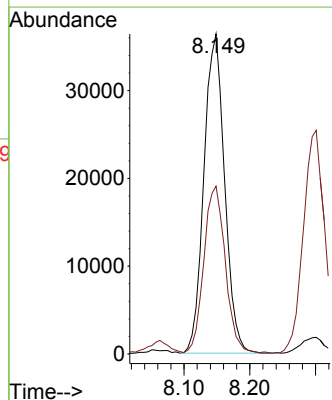
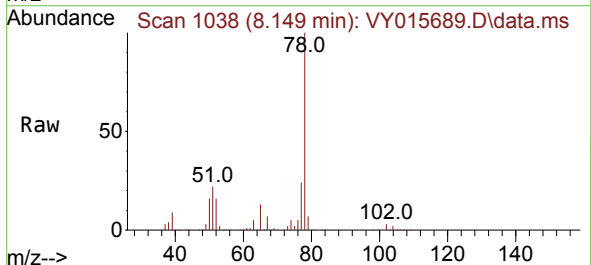
Instrument :
MSVOA_Y
ClientSampleId :

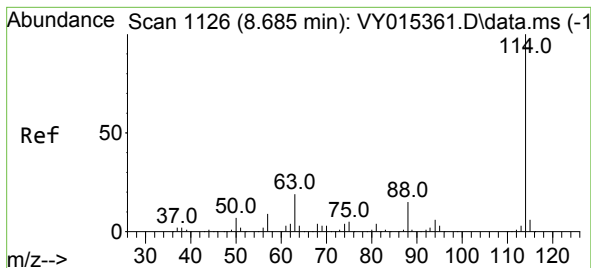
Tgt Ion: 56 Resp: 430942
Ion Ratio Lower Upper
56 100
69 31.0 27.8 41.6
84 90.8 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 56.010 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 65 Resp: 79710
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :

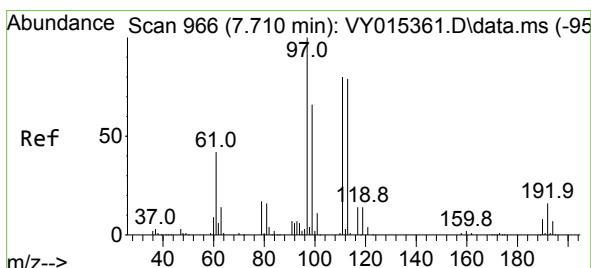
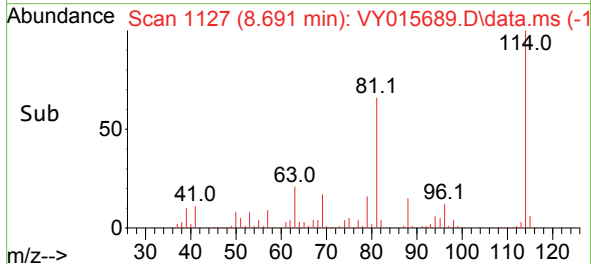
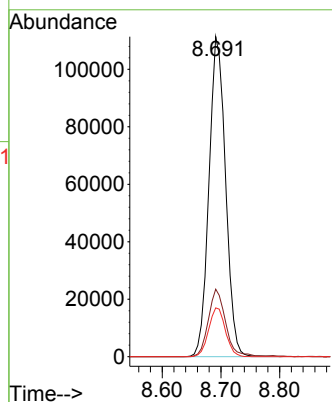
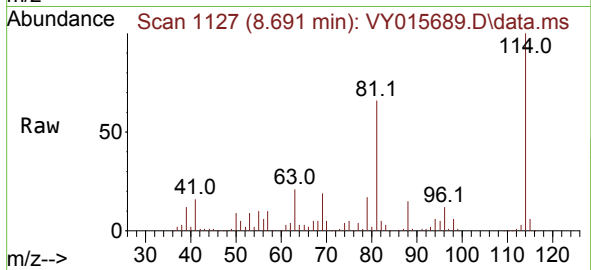
Tgt Ion:114 Resp: 218321

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.341 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

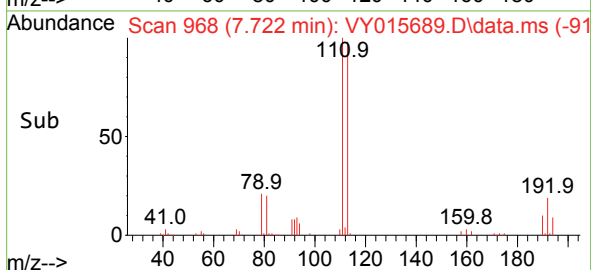
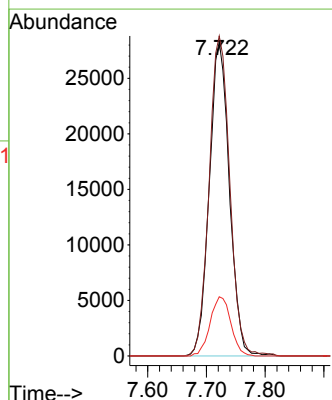
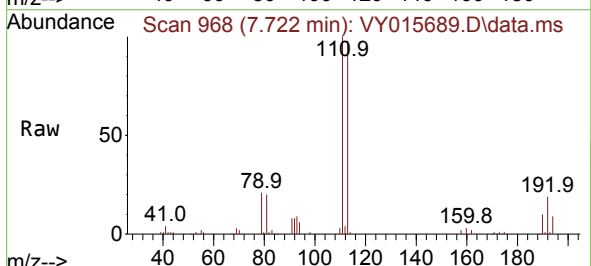
Tgt Ion:113 Resp: 67089

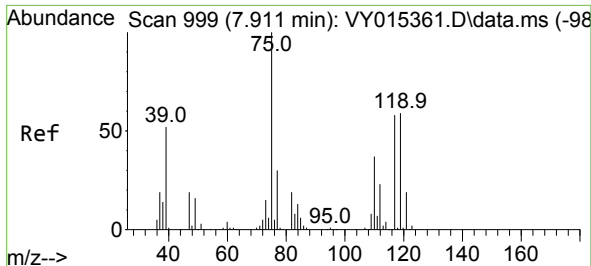
Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

192 19.5 16.9 25.3

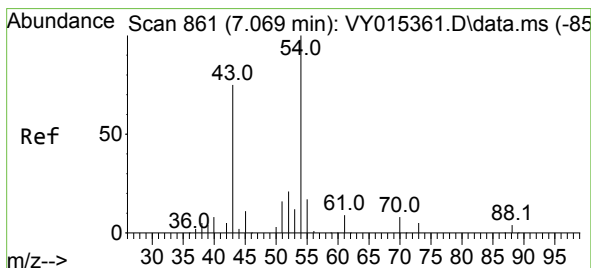
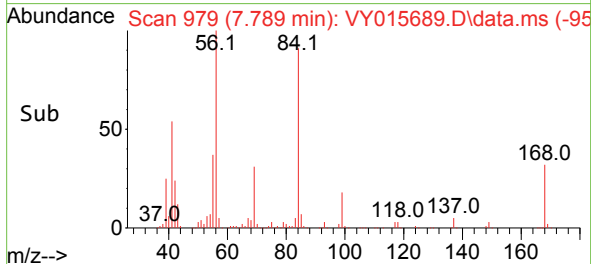
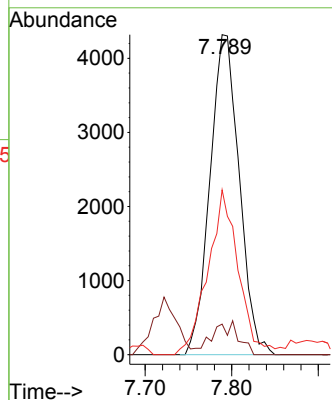
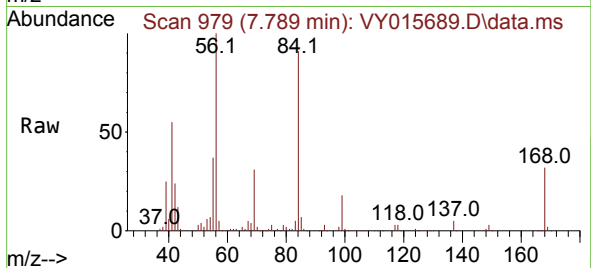




#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

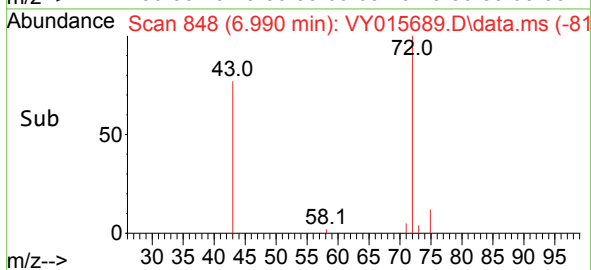
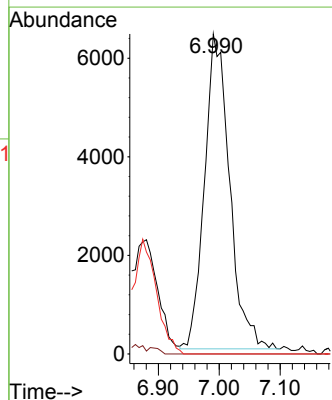
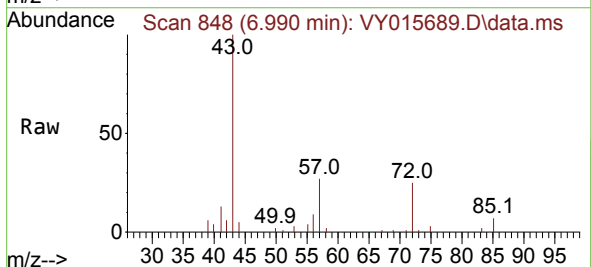
Instrument :
MSVOA_Y
ClientSampleId :

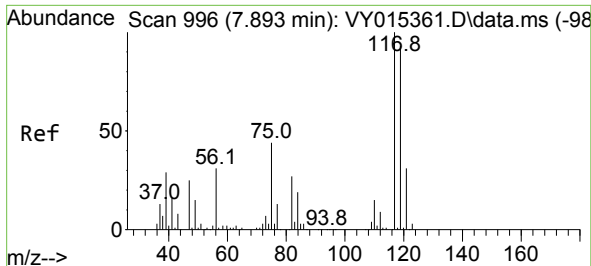
Tgt Ion: 75 Resp: 10148
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 9.498 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.073 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

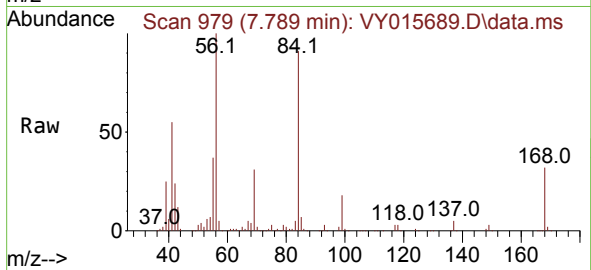
Tgt Ion: 43 Resp: 18304
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



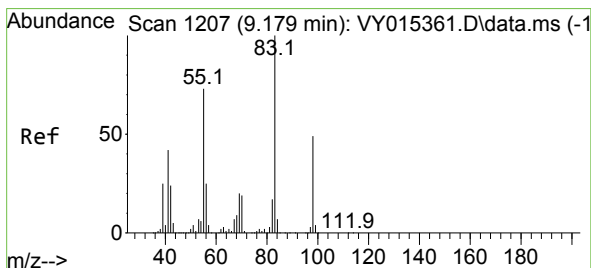
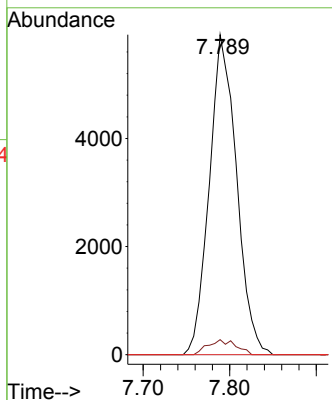
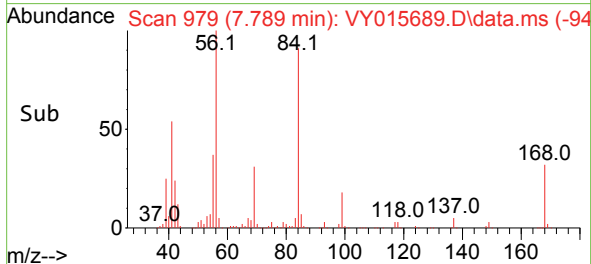


#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

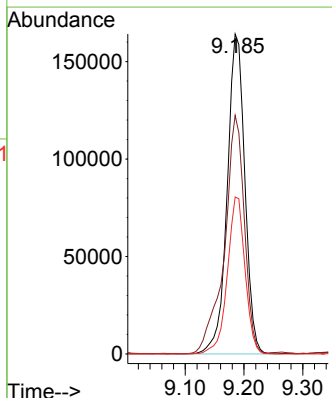
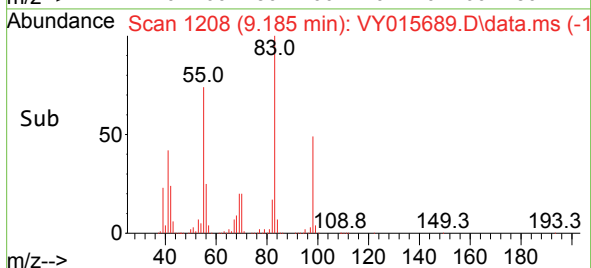
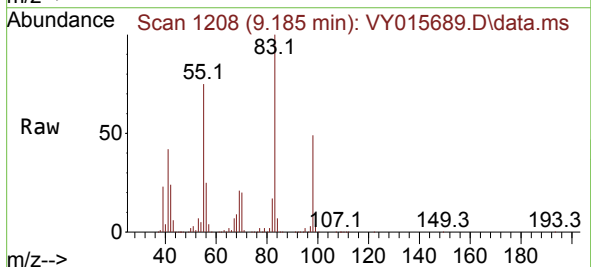


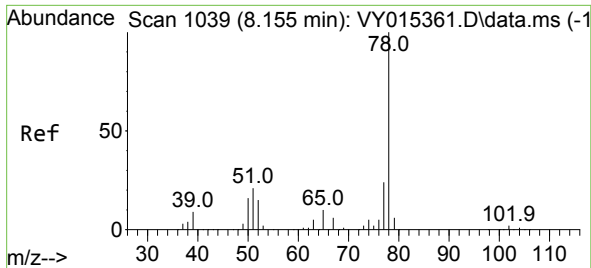
Tgt Ion:117 Resp: 12929
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 160.780 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 83 Resp: 343588
Ion Ratio Lower Upper
83 100
55 74.4 63.0 94.4
98 49.1 37.4 56.2

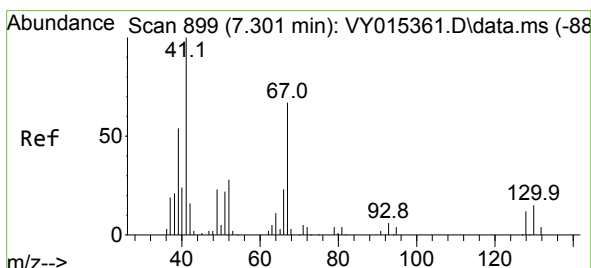
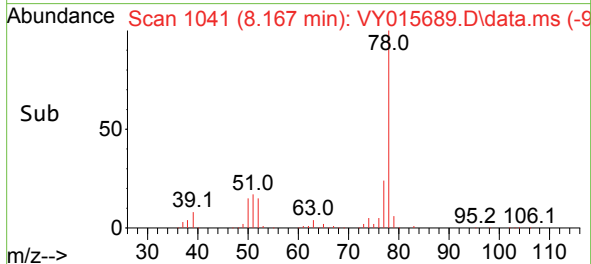
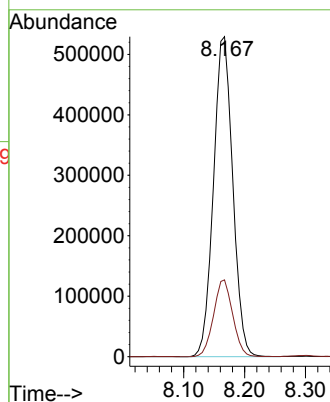
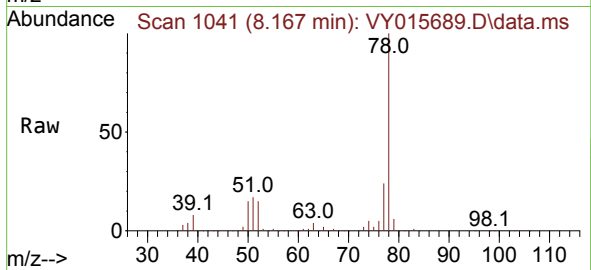




#40
Benzene
Concen: 197.379 ug/l
RT: 8.167 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

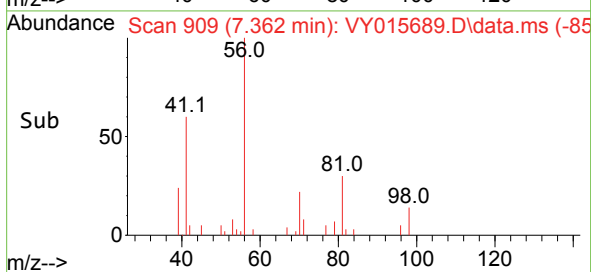
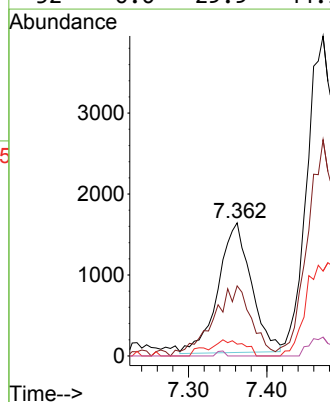
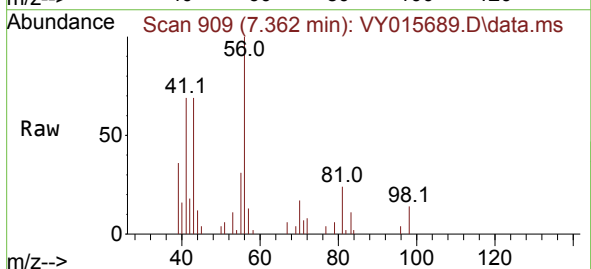
Instrument :
MSVOA_Y
ClientSampleId :

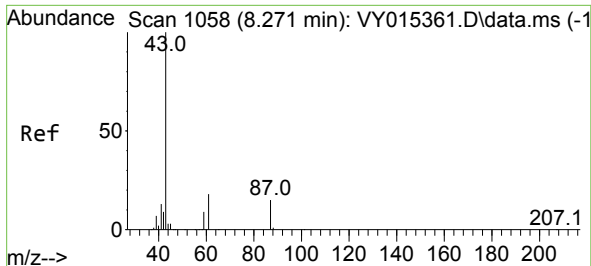
Tgt Ion: 78 Resp: 1162970
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



#41
Methacrylonitrile
Concen: 4.522 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

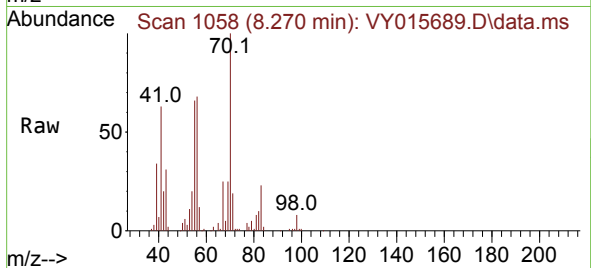
Tgt Ion: 41 Resp: 4692
Ion Ratio Lower Upper
41 100
39 62.4 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



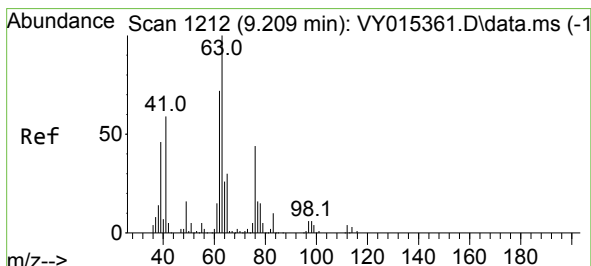
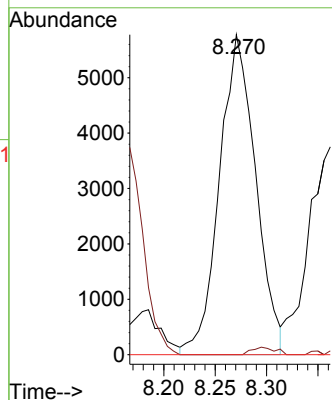
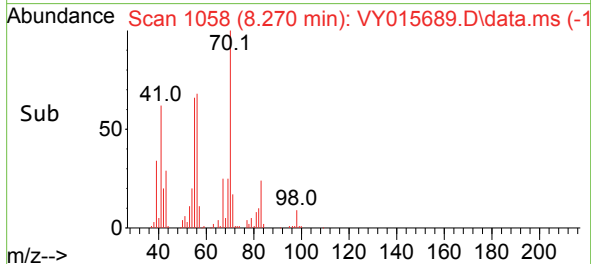


#43
Isopropyl Acetate
Concen: 4.298 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

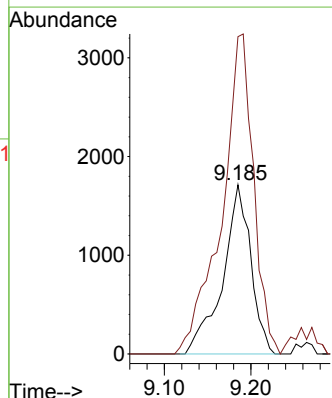
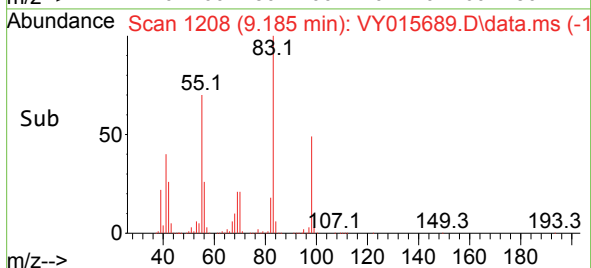
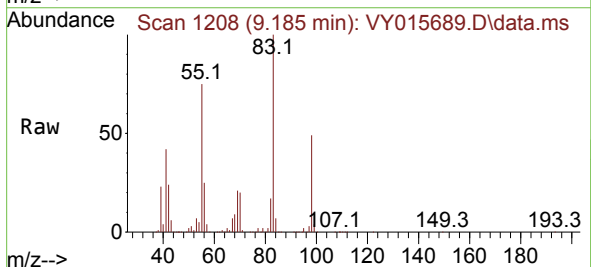


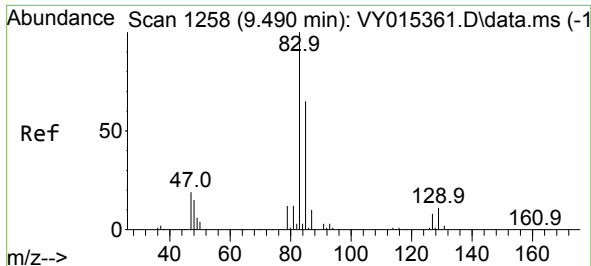
Tgt Ion: 43 Resp: 14148
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 2.353 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.030 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 63 Resp: 3866
Ion Ratio Lower Upper
63 100
65 187.7 23.8 35.6#





#47

Bromodichloromethane

Concen: 2.453 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

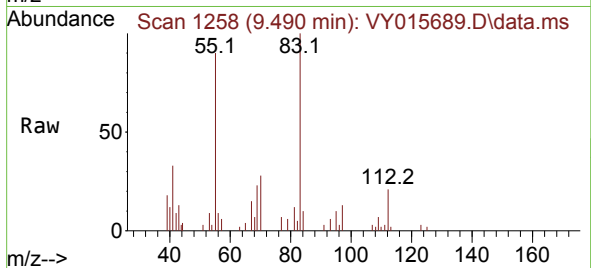
Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

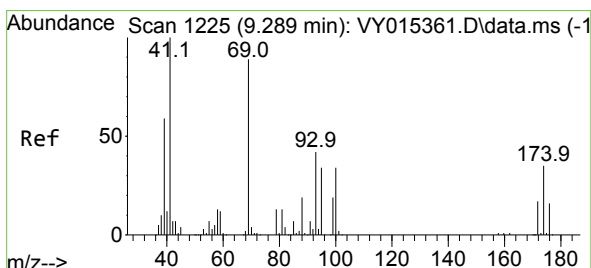
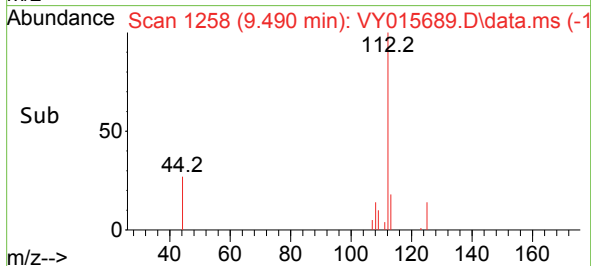
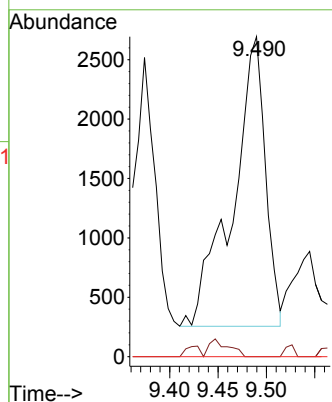
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 83	Resp: 5747
Ion Ratio	Lower Upper
83	100
85	0.0 50.1 75.1#
127	0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 13.285 ug/l

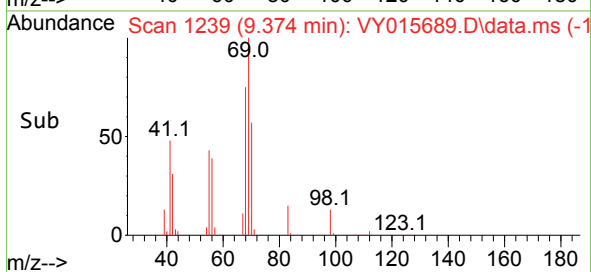
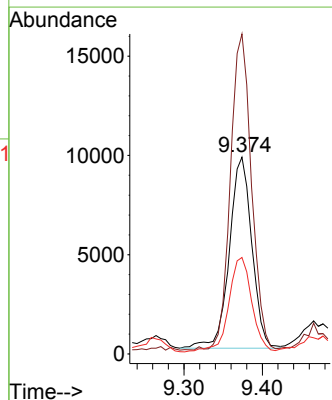
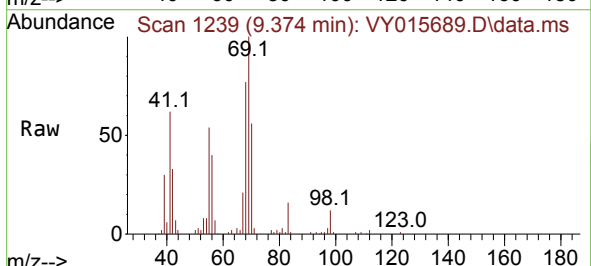
RT: 9.374 min Scan# 1239

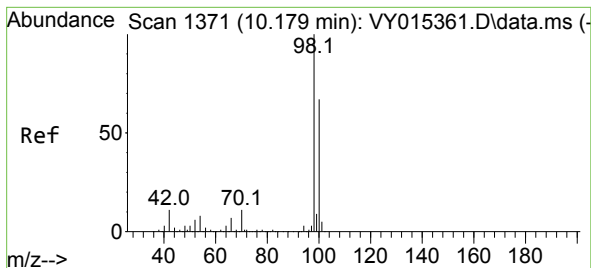
Delta R.T. 0.085 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Tgt Ion: 41	Resp: 19197
Ion Ratio	Lower Upper
41	100
69	154.5 64.5 96.7#
39	50.4 50.8 76.2#

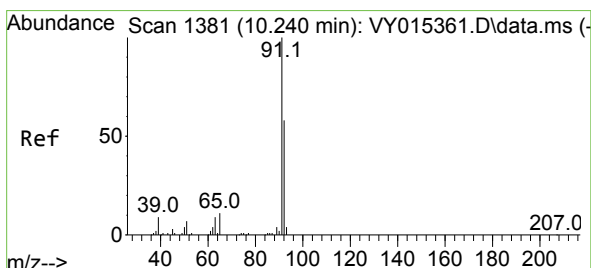
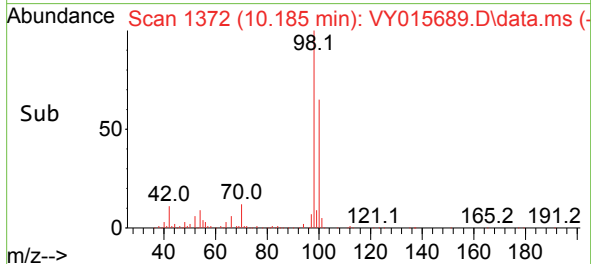
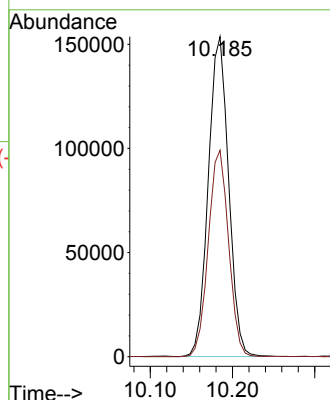
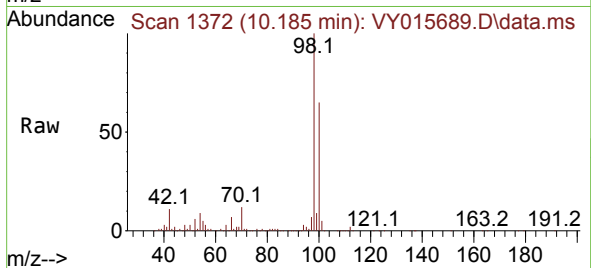




#50
Toluene-d8
Concen: 59.367 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

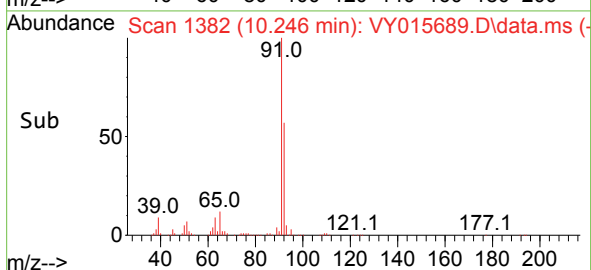
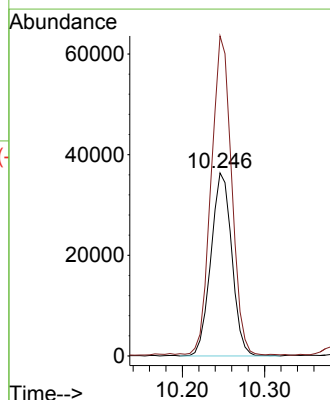
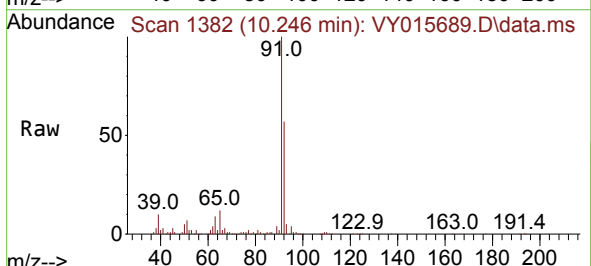
Instrument :
MSVOA_Y
ClientSampleId :

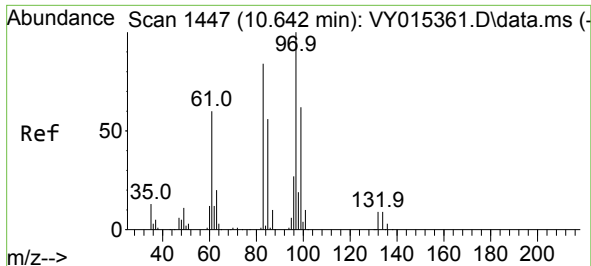
Tgt Ion: 98 Resp: 263035
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#52
Toluene
Concen: 16.911 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

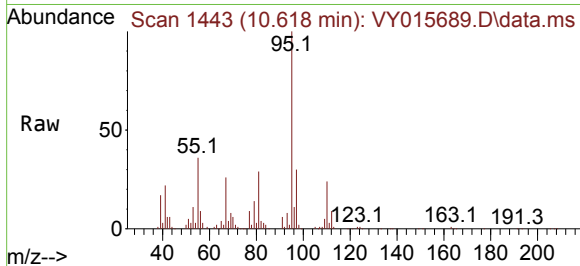
Tgt Ion: 92 Resp: 64238
Ion Ratio Lower Upper
92 100
91 170.0 143.8 215.6



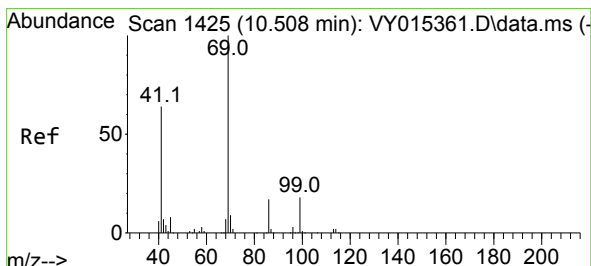
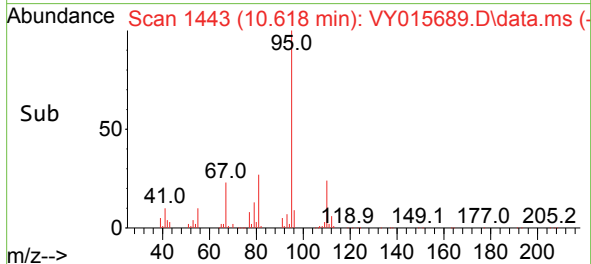
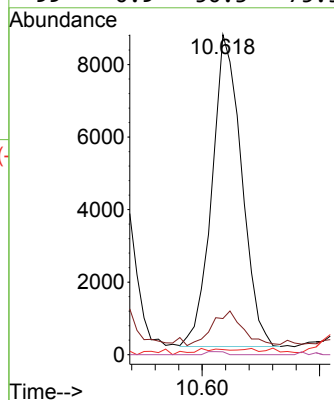


#55
1,1,2-Trichloroethane
Concen: 9.802 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

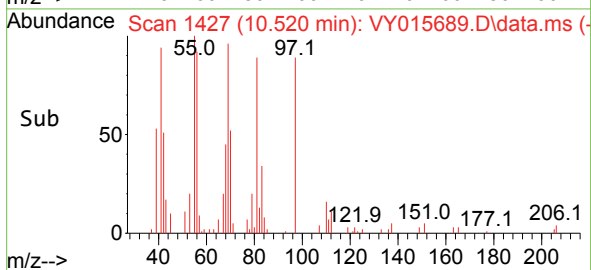
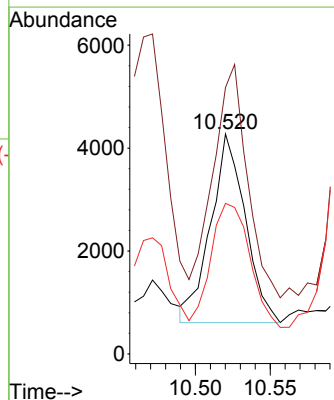
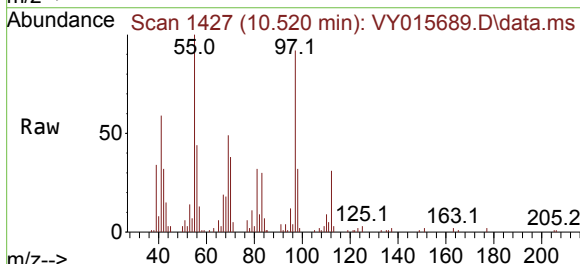


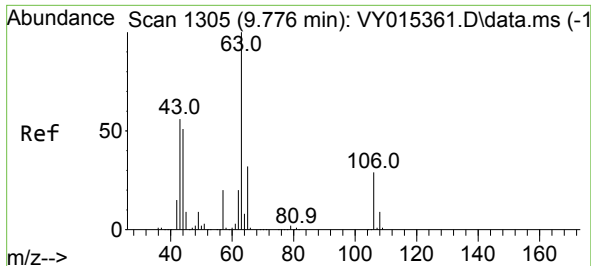
Tgt Ion:	97	Resp:	15098
Ion	Ratio	Lower	Upper
97	100		
83	8.3	72.0	108.0#
85	0.7	45.4	68.0#
99	0.9	50.3	75.5#



#56
Ethyl methacrylate
Concen: 2.602 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion:	69	Resp:	5906
Ion	Ratio	Lower	Upper
69	100		
41	120.3	57.6	86.4#
39	73.6	34.1	51.1#

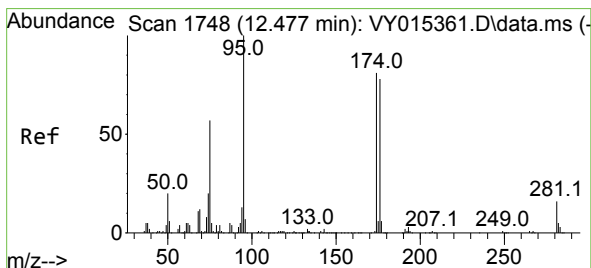
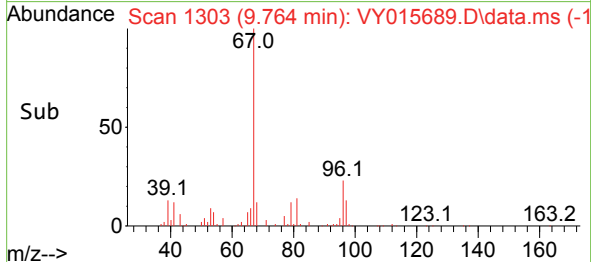
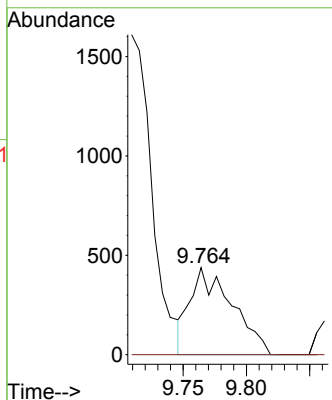
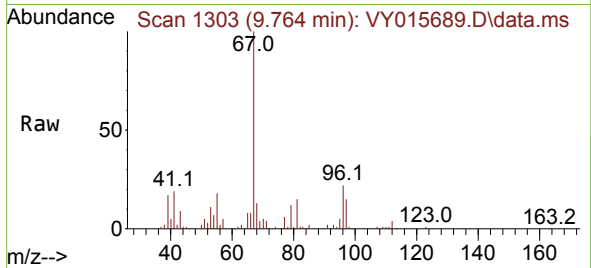




#58
2-Chloroethyl Vinyl ether
Concen: 1.399 ug/l
RT: 9.764 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

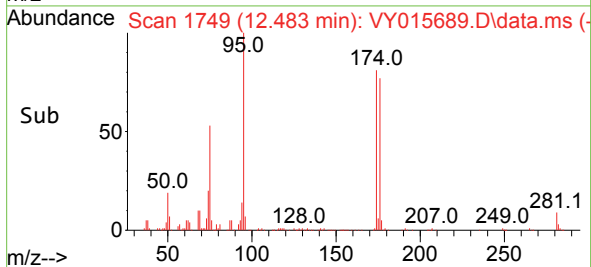
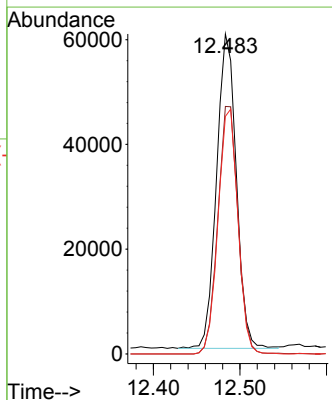
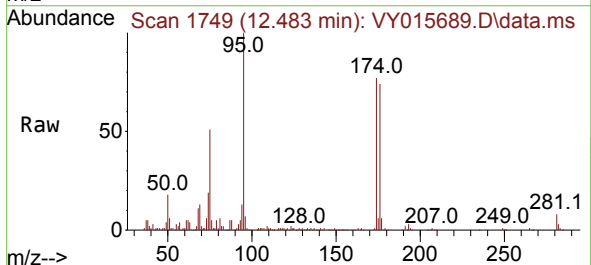
Instrument :
MSVOA_Y
ClientSampleId :

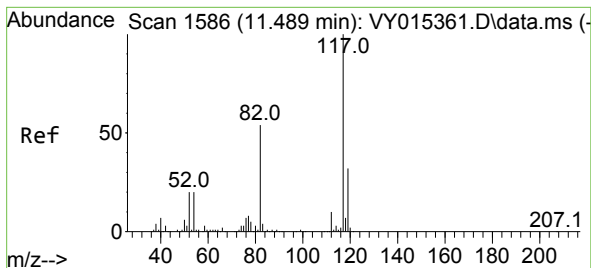
Tgt Ion: 63 Resp: 1009
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 54.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 95 Resp: 95027
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 78.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1586

Delta R.T. 0.007 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :

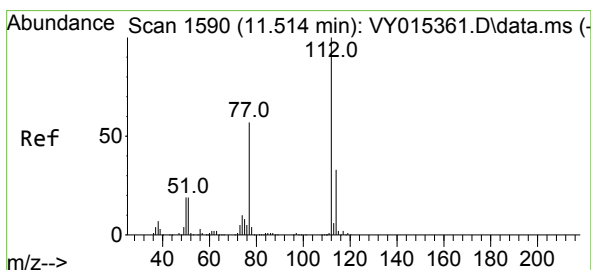
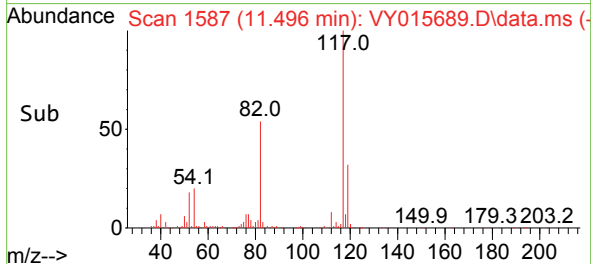
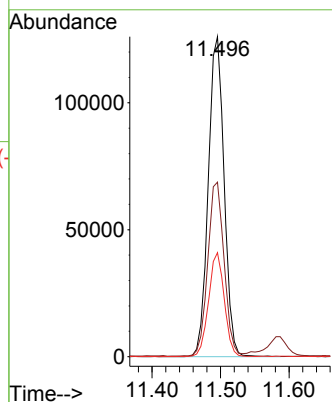
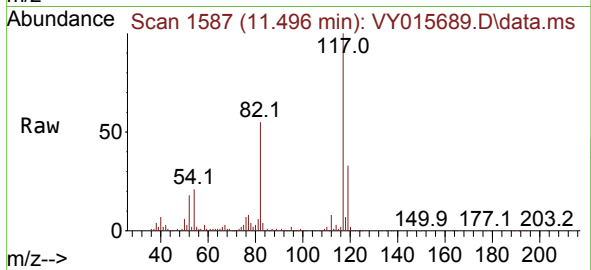
Tgt Ion:117 Resp: 202786

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.4 26.3 39.5



#65

Chlorobenzene

Concen: 48.260 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY015689.D

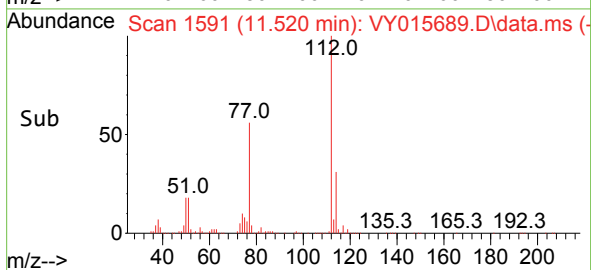
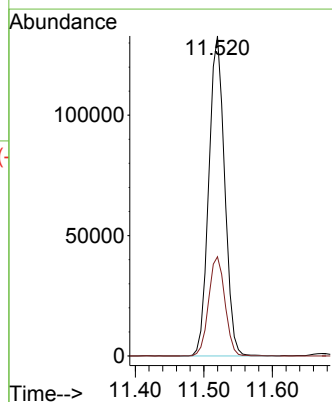
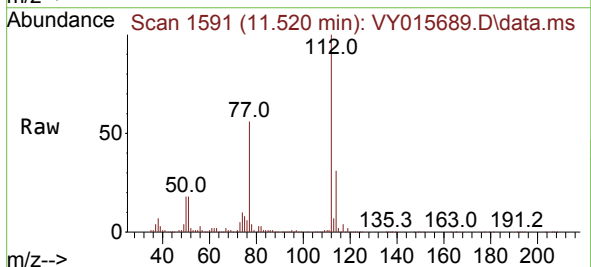
Acq: 22 Sep 2023 17:04

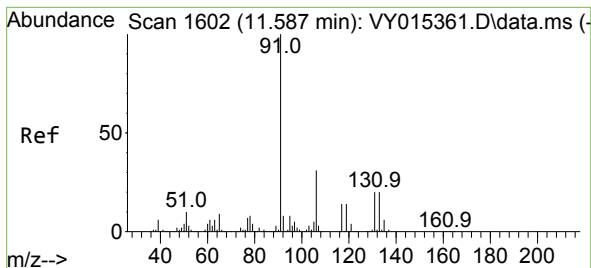
Tgt Ion:112 Resp: 213619

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3





#67

Ethyl Benzene

Concen: 46.260 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

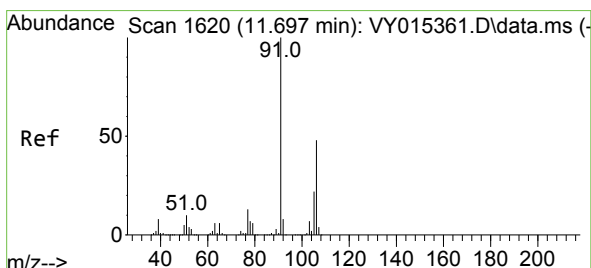
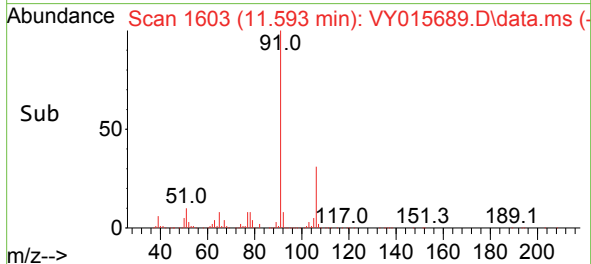
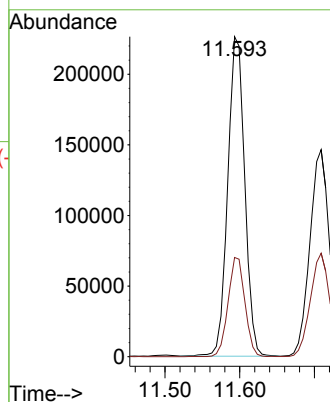
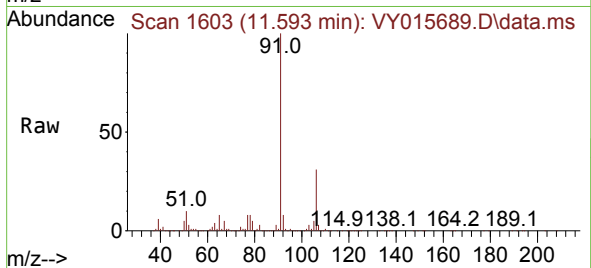
ClientSampleId :

Tgt Ion: 91 Resp: 357902

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 44.085 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015689.D

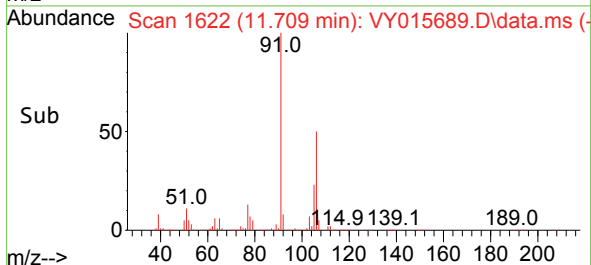
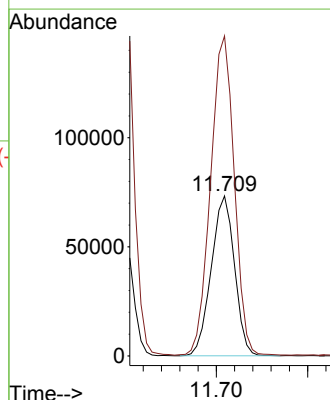
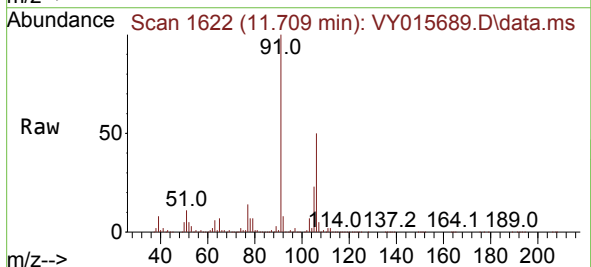
Acq: 22 Sep 2023 17:04

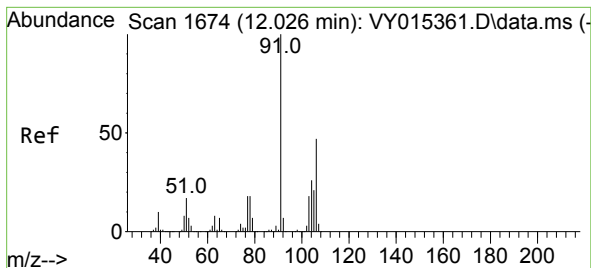
Tgt Ion:106 Resp: 129639

Ion Ratio Lower Upper

106 100

91 202.7 166.1 249.1

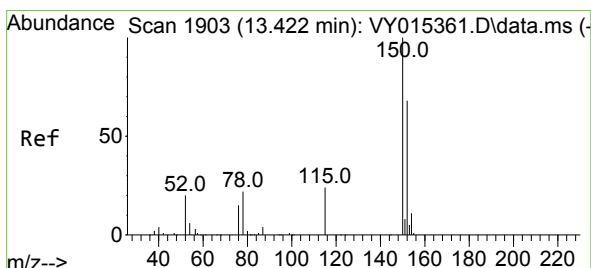
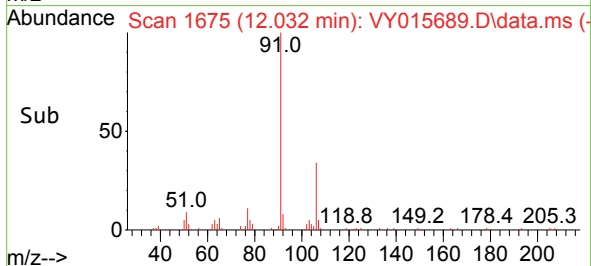
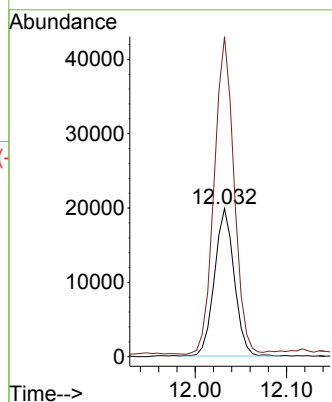
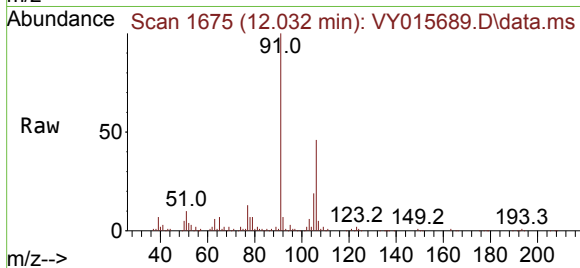




#69
o-Xylene
Concen: 10.350 ug/l
RT: 12.032 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

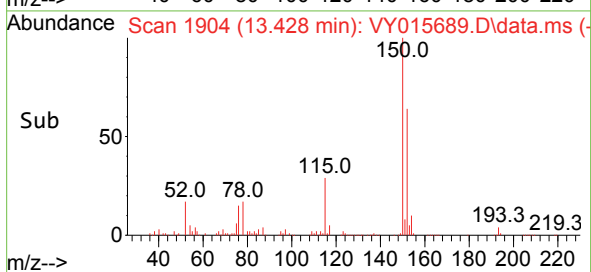
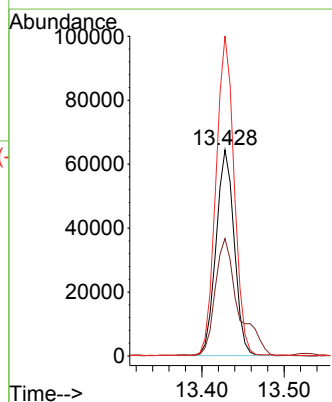
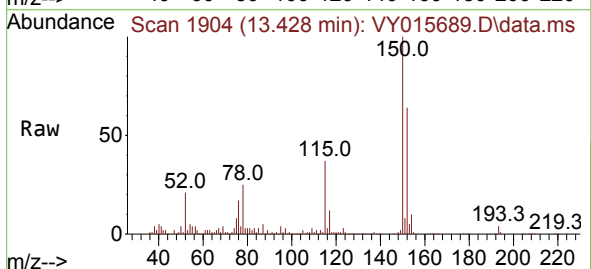
Instrument :
MSVOA_Y
ClientSampleId :

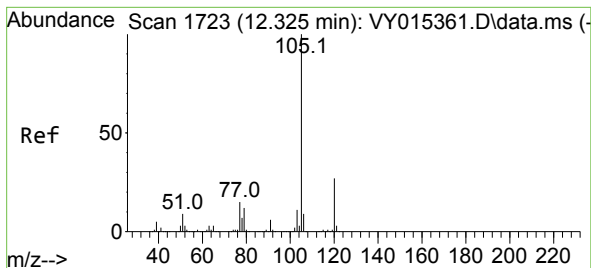
Tgt Ion:106 Resp: 29845
Ion Ratio Lower Upper
106 100
91 216.2 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion:152 Resp: 98978
Ion Ratio Lower Upper
152 100
115 71.6 28.8 86.5
150 155.6 0.0 348.8





#73

Isopropylbenzene

Concen: 37.704 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

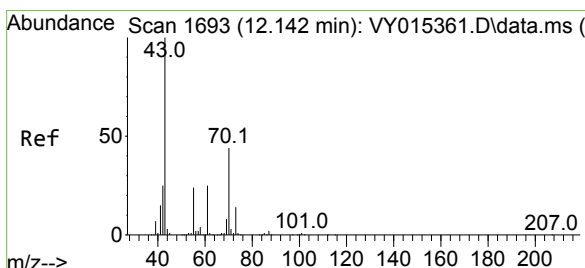
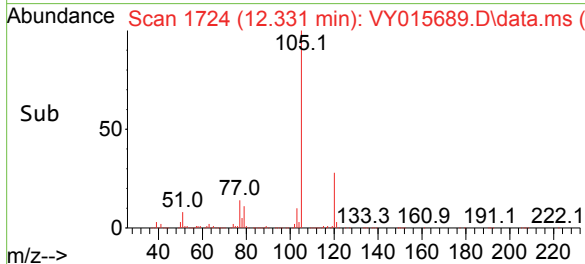
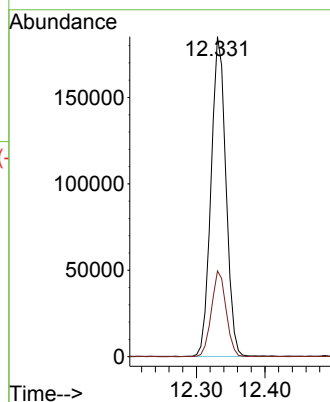
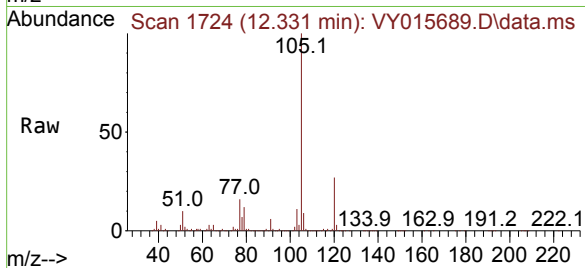
ClientSampleId :

Tgt Ion:105 Resp: 279956

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 1.211 ug/l

RT: 12.111 min Scan# 1688

Delta R.T. -0.031 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Tgt Ion: 43 Resp: 3380

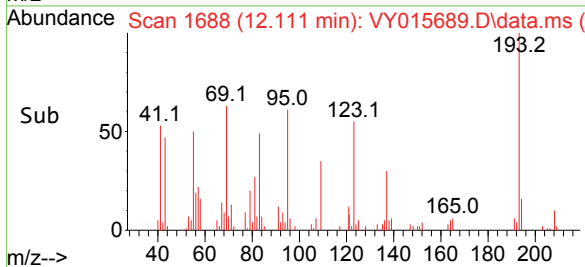
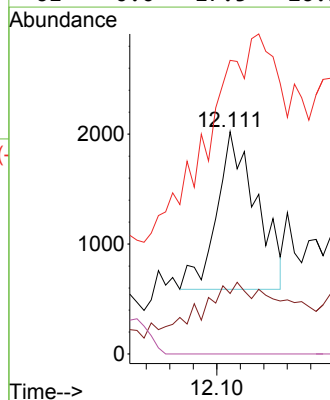
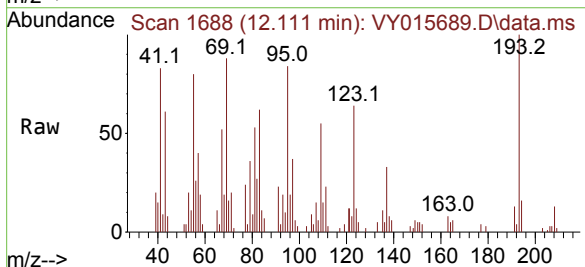
Ion Ratio Lower Upper

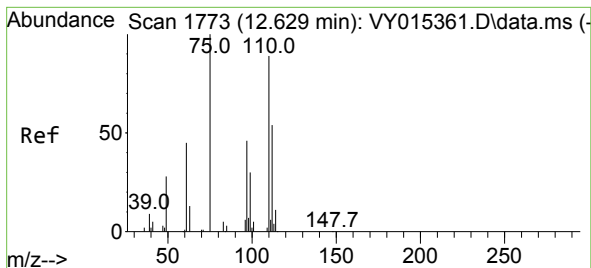
43 100

70 44.4 29.7 44.5

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#

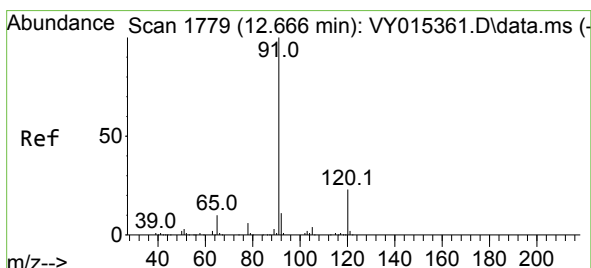
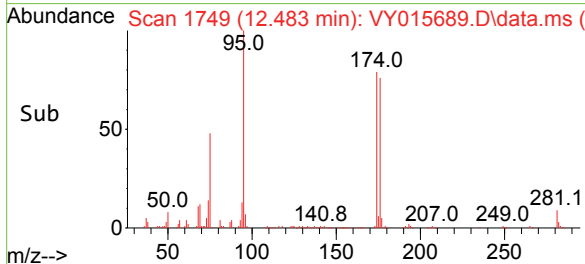
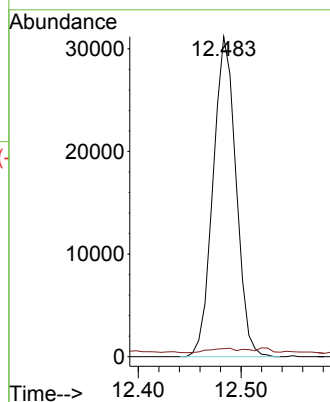
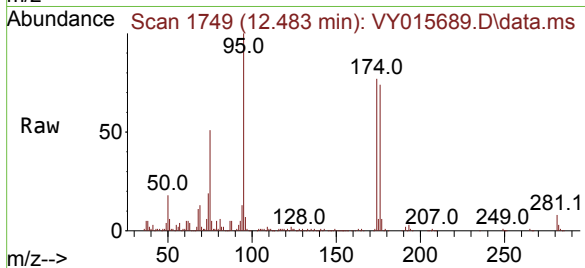




#76
1,2,3-Trichloropropane
Concen: 30.645 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

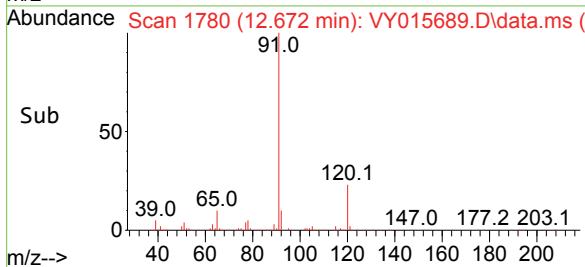
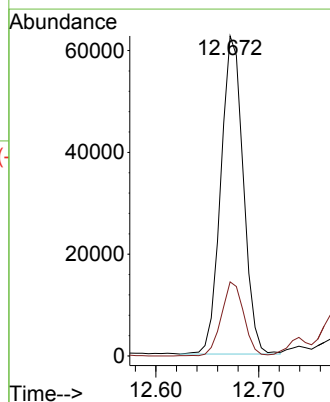
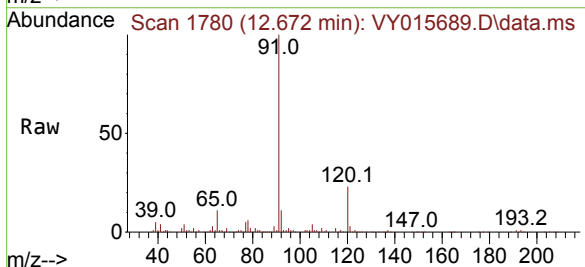
Instrument :
MSVOA_Y
ClientSampleId :

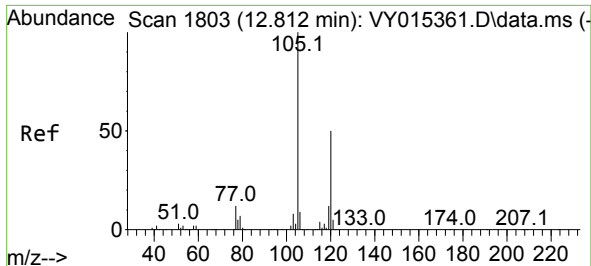
Tgt Ion: 75 Resp: 48389
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#78
n-propylbenzene
Concen: 10.494 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Tgt Ion: 91 Resp: 94662
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

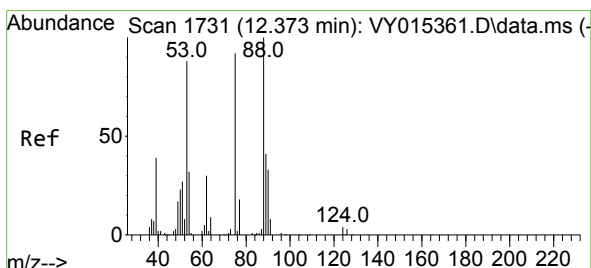
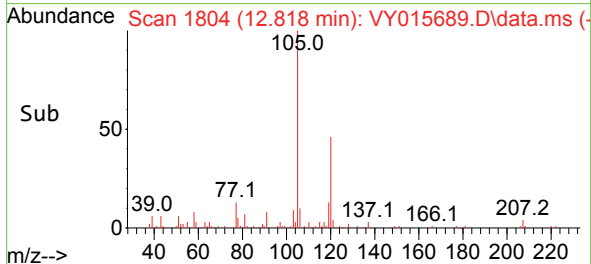
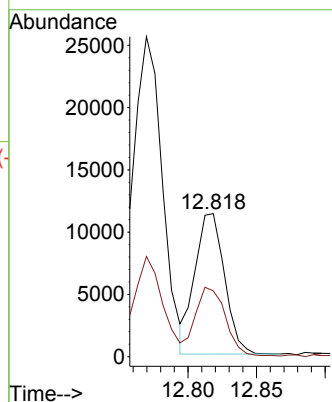
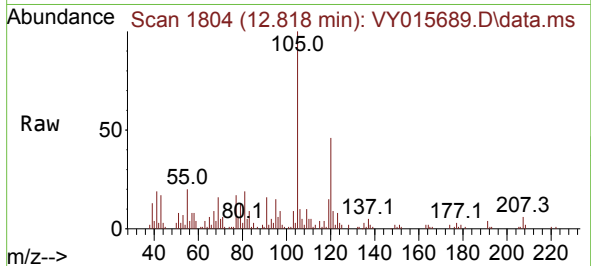




#80
 1,3,5-Trimethylbenzene
 Concen: 2.739 ug/l
 RT: 12.818 min Scan# 1723
 Delta R.T. 0.006 min
 Lab File: VY015689.D
 Acq: 22 Sep 2023 17:04

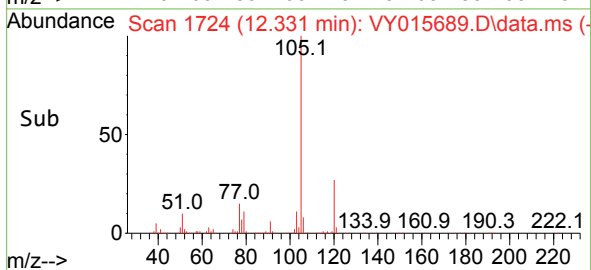
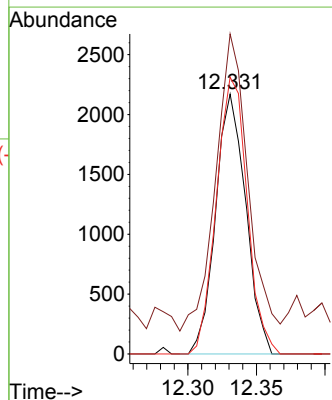
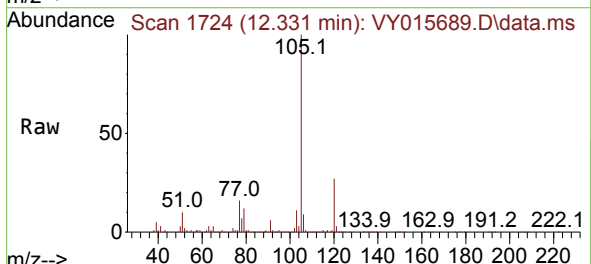
Instrument :
 MSVOA_Y
 ClientSampleId :

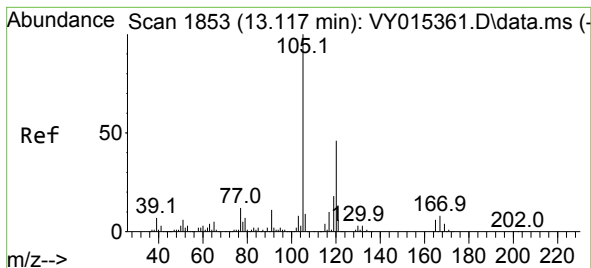
Tgt Ion:105 Resp: 17023
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.725 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. -0.049 min
 Lab File: VY015689.D
 Acq: 22 Sep 2023 17:04

Tgt Ion: 75 Resp: 3313
 Ion Ratio Lower Upper
 75 100
 53 120.4 77.8 116.8#
 89 109.5 37.4 56.0#





#84

1,2,4-Trimethylbenzene

Concen: 40.584 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

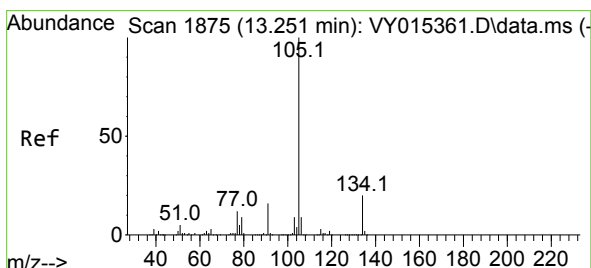
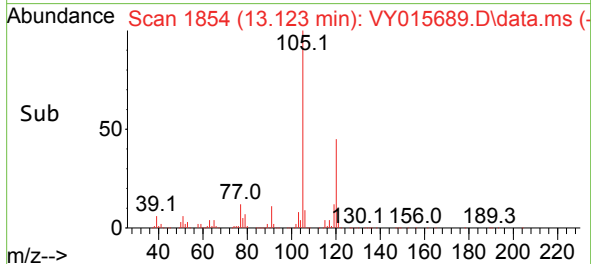
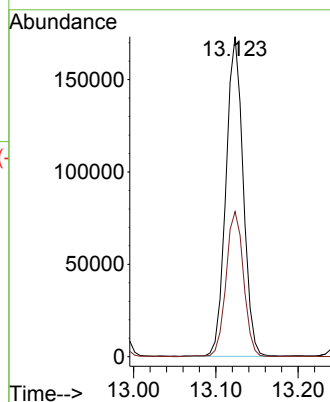
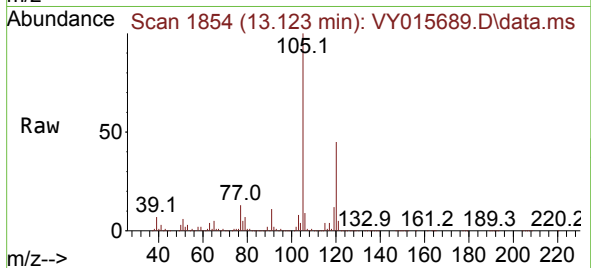
ClientSampleId :

Tgt Ion:105 Resp: 252411

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6



#85

sec-Butylbenzene

Concen: 2.438 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY015689.D

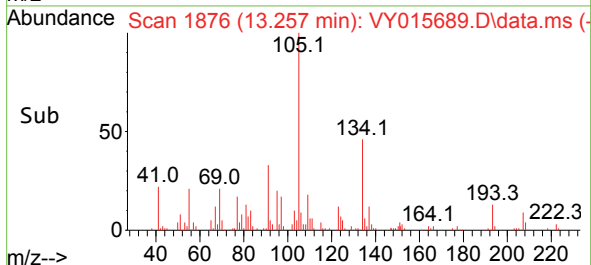
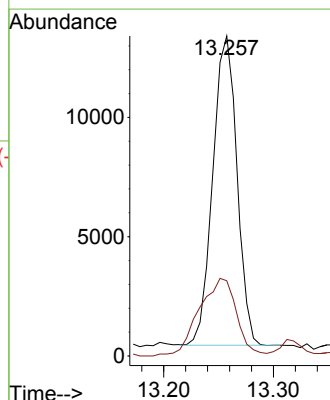
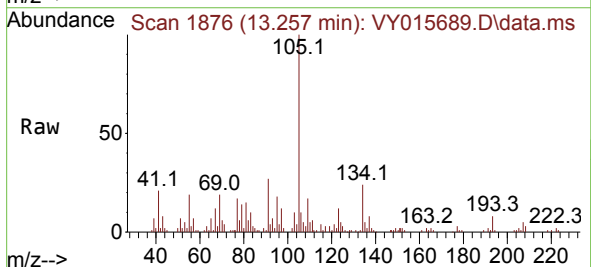
Acq: 22 Sep 2023 17:04

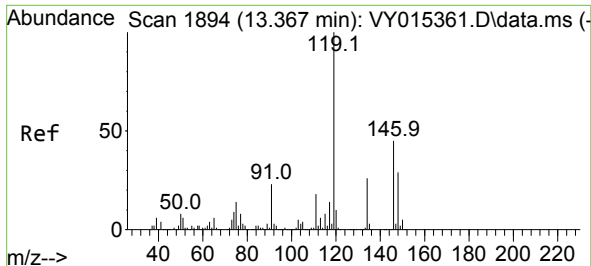
Tgt Ion:105 Resp: 19863

Ion Ratio Lower Upper

105 100

134 38.9 10.2 30.6#

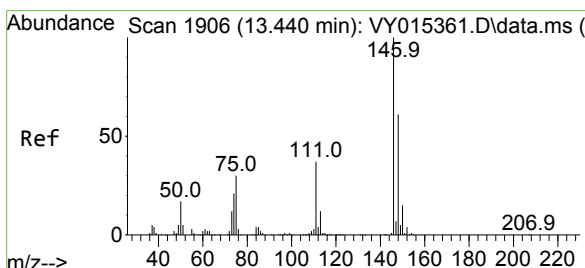
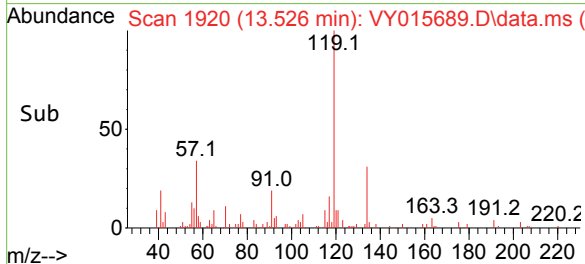
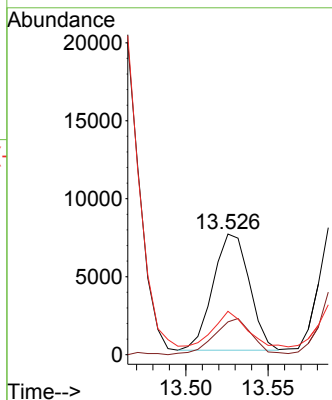
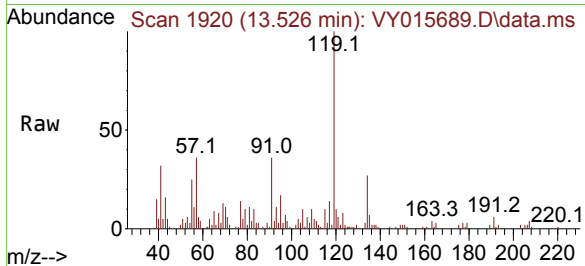




#86
 p-Isopropyltoluene
 Concen: 1.682 ug/l
 RT: 13.526 min Scan# 1907
 Delta R.T. 0.159 min
 Lab File: VY015689.D
 Acq: 22 Sep 2023 17:04

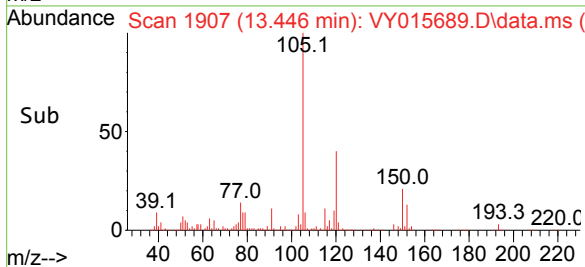
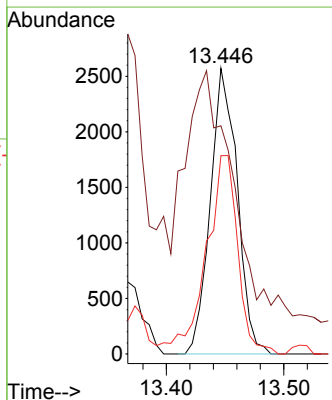
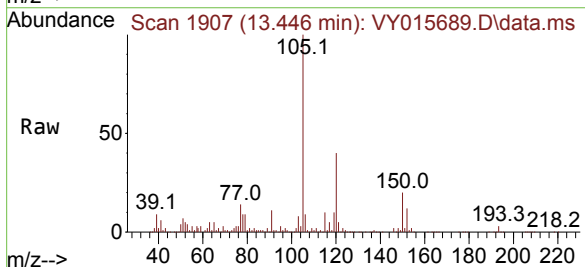
Instrument :
 MSVOA_Y
 ClientSampleId :

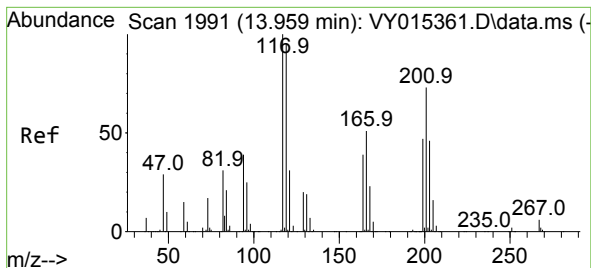
Tgt Ion:119 Resp: 11448
 Ion Ratio Lower Upper
 119 100
 134 32.3 13.3 39.8
 91 26.9 12.4 37.4



#88
 1,4-Dichlorobenzene
 Concen: 1.133 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015689.D
 Acq: 22 Sep 2023 17:04

Tgt Ion:146 Resp: 4098
 Ion Ratio Lower Upper
 146 100
 111 158.2 18.9 56.7#
 148 81.9 32.1 96.5





#90

Hexachloroethane

Concen: 8.914 ug/l

RT: 14.032 min Scan# 20

Delta R.T. 0.073 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

Instrument :

MSVOA_Y

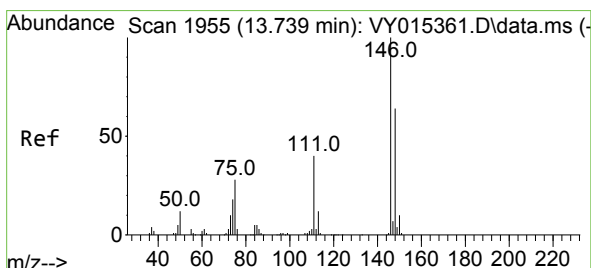
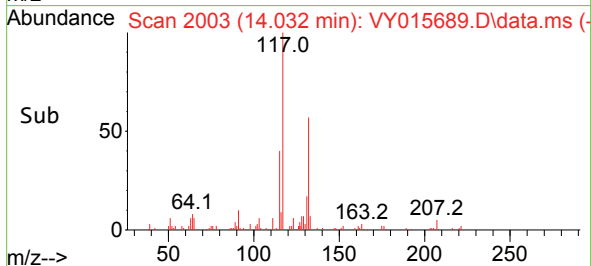
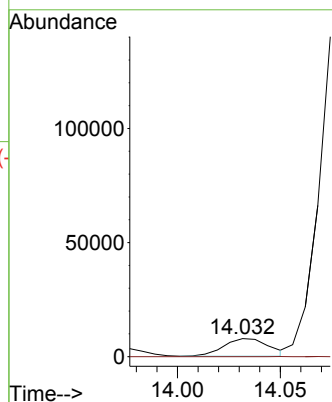
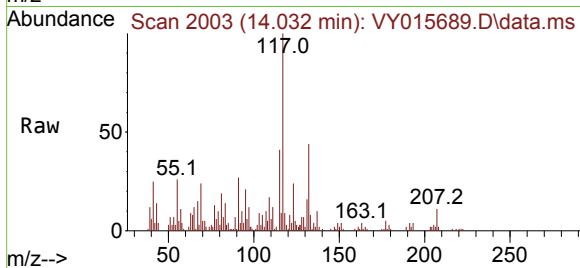
ClientSampleId :

Tgt Ion:117 Resp: 11708

Ion Ratio Lower Upper

117 100

201 0.2 41.6 124.8#



#91

1,2-Dichlorobenzene

Concen: 2.609 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY015689.D

Acq: 22 Sep 2023 17:04

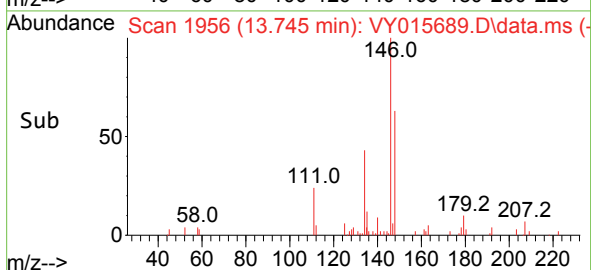
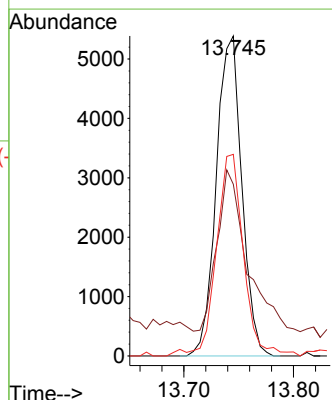
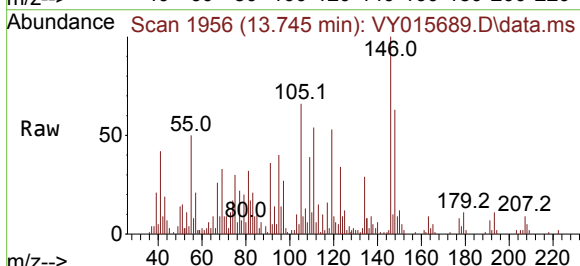
Tgt Ion:146 Resp: 8709

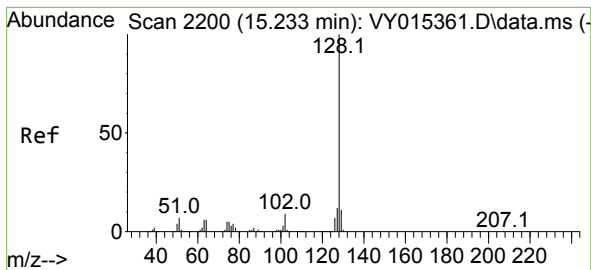
Ion Ratio Lower Upper

146 100

111 62.8 19.7 59.0#

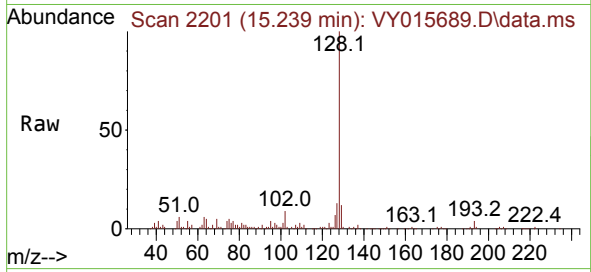
148 67.1 32.0 96.2





#95
Naphthalene
Concen: 12.475 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015689.D
Acq: 22 Sep 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 68351
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 10.8 8.6 13.0

