

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015408.D
 Acq On : 01 Sep 2023 12:07
 Operator : SY/MD
 Sample : VY0901SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBS01

Quant Time: Sep 01 23:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80069	48.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.715	113	70425	46.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.178	98	245992	44.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.483	95	89783	44.130	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	22442	16.862	ug/l	90
3) Chloromethane	2.107	50	34227	19.364	ug/l	97
4) Vinyl Chloride	2.247	62	36104	17.549	ug/l	99
5) Bromomethane	2.637	94	27964	19.103	ug/l	98
6) Chloroethane	2.783	64	26876	19.875	ug/l	97
7) Trichlorofluoromethane	3.119	101	51909	17.838	ug/l	97
8) Diethyl Ether	3.527	74	21383	21.501	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	28956	17.952	ug/l	96
10) Methyl Iodide	4.088	142	34479	18.203	ug/l	99
11) Tert butyl alcohol	4.929	59	68939	183.080	ug/l #	89
12) 1,1-Dichloroethene	3.868	96	27957	18.369	ug/l	92
13) Acrolein	3.728	56	31533	77.580	ug/l	99
14) Allyl chloride	4.472	41	48823	20.148	ug/l	96
15) Acrylonitrile	5.161	53	69704	111.382	ug/l	99
16) Acetone	3.954	43	69112	100.884	ug/l	91
17) Carbon Disulfide	4.192	76	76220	16.751	ug/l	99
18) Methyl Acetate	4.478	43	54830	22.097	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	104675	21.161	ug/l	100
20) Methylene Chloride	4.716	84	47364	17.061	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	34463	19.664	ug/l	88
22) Diisopropyl ether	6.124	45	113948	21.500	ug/l	91
23) Vinyl Acetate	6.063	43	355281	106.174	ug/l	97
24) 1,1-Dichloroethane	6.014	63	62734	20.477	ug/l	99
25) 2-Butanone	6.990	43	106206	109.305	ug/l	98
26) 2,2-Dichloropropane	6.978	77	52527	20.186	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	41174	20.709	ug/l	97
28) Bromochloromethane	7.331	49	21379	22.756	ug/l	98
29) Tetrahydrofuran	7.350	42	66187	108.473	ug/l	94
30) Chloroform	7.508	83	67354	20.913	ug/l	99
31) Cyclohexane	7.782	56	49353	16.928	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	55073	19.145	ug/l	99
36) 1,1-Dichloropropene	7.917	75	47445	17.855	ug/l	100
37) Ethyl Acetate	7.069	43	43270	21.114	ug/l	95
38) Carbon Tetrachloride	7.898	117	47147	17.179	ug/l	95
39) Methylcyclohexane	9.185	83	52105	15.575	ug/l	91
40) Benzene	8.160	78	143154	19.310	ug/l	98

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Quant Time: Sep 01 23:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	59381	61.788	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	48685	19.694	ug/l	96
43) Isopropyl Acetate	8.270	43	72571	20.478	ug/l	97
44) Trichloroethene	8.941	130	41628	19.846	ug/l	94
45) 1,2-Dichloropropane	9.215	63	37208	19.909	ug/l	93
46) Dibromomethane	9.307	93	24716	19.909	ug/l	96
47) Bromodichloromethane	9.496	83	52895	19.924	ug/l	96
48) Methyl methacrylate	9.294	41	32428	19.944	ug/l	95
49) 1,4-Dioxane	9.313	88	9221	399.884	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	219869	106.744	ug/l	95
52) Toluene	10.245	92	90821	19.113	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	54430	19.291	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	60164	19.603	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	34060	20.362	ug/l	98
56) Ethyl methacrylate	10.508	69	50017	20.178	ug/l	90
57) 1,3-Dichloropropane	10.788	76	58596	20.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	90485	102.269	ug/l	96
59) 2-Hexanone	10.831	43	159279	103.057	ug/l	93
60) Dibromochloromethane	10.983	129	39424	20.136	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34749	20.502	ug/l	97
64) Tetrachloroethene	10.721	164	45686	20.680	ug/l	97
65) Chlorobenzene	11.513	112	100752	19.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37184	19.370	ug/l	98
67) Ethyl Benzene	11.593	91	173957	18.472	ug/l	98
68) m/p-Xylenes	11.702	106	134664	36.890	ug/l	95
69) o-Xylene	12.026	106	65174	18.682	ug/l	98
70) Styrene	12.044	104	112230	19.133	ug/l	96
71) Bromoform	12.208	173	27001	20.164	ug/l #	96
73) Isopropylbenzene	12.330	105	168947	18.586	ug/l	100
74) N-amyl acetate	12.141	43	61280	20.066	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	42432	19.554	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	58575	36.499	ug/l #	100
77) Bromobenzene	12.605	156	42166	19.585	ug/l	97
78) n-propylbenzene	12.672	91	203280	18.481	ug/l	100
79) 2-Chlorotoluene	12.757	91	118190	19.157	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	141284	18.582	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	14186	19.499	ug/l	99
82) 4-Chlorotoluene	12.855	91	124437	19.407	ug/l	100
83) tert-Butylbenzene	13.074	119	120254	18.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	141241	18.709	ug/l	97
85) sec-Butylbenzene	13.251	105	179219	18.043	ug/l	100
86) p-Isopropyltoluene	13.367	119	150331	18.058	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	83156	19.564	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	84331	19.628	ug/l	98
89) n-Butylbenzene	13.696	91	140037	17.872	ug/l	97
90) Hexachloroethane	13.958	117	27265	18.312	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	78618	20.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	8820	20.547	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	48314	19.834	ug/l	98
94) Hexachlorobutadiene	15.110	225	23498	17.690	ug/l	98
95) Naphthalene	15.232	128	120716	20.005	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	43568	19.608	ug/l	99

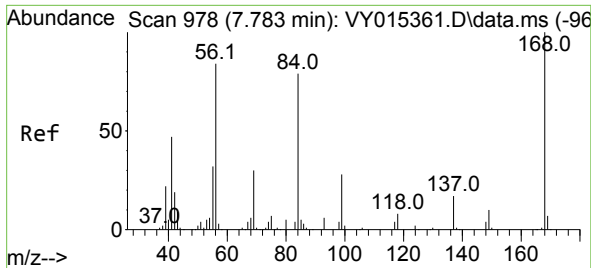
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
Data File : VY015408.D
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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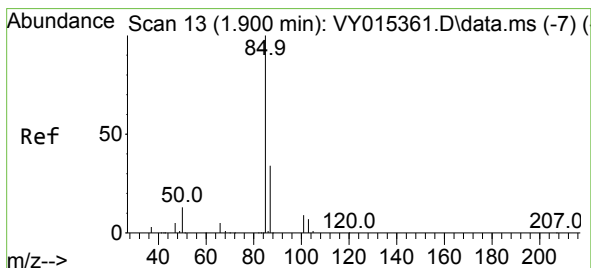
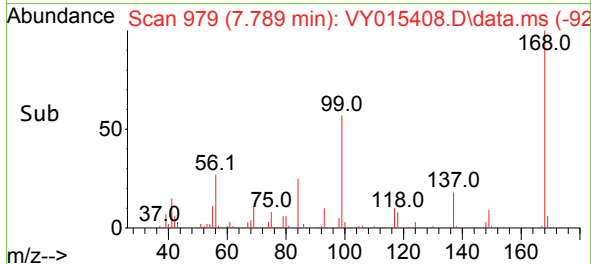
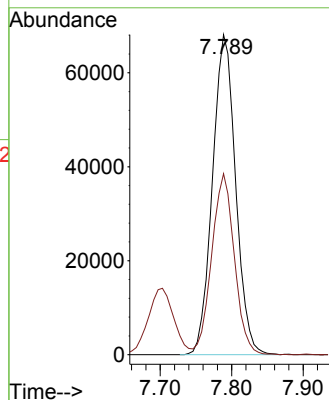
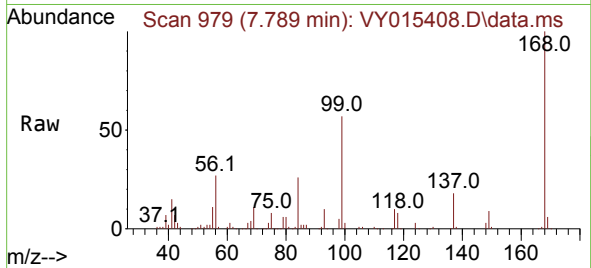
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

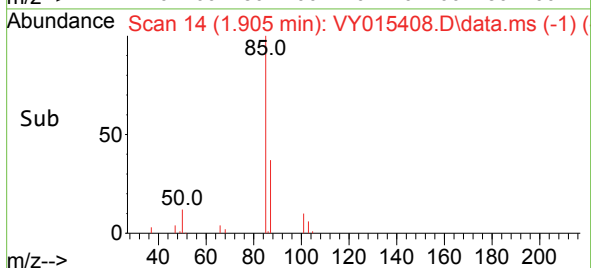
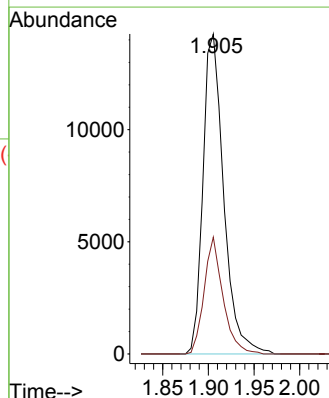
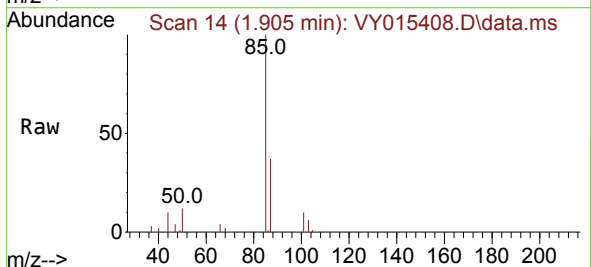
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MSVOA_Y
ClientSampleId :
VY0901SBSD01

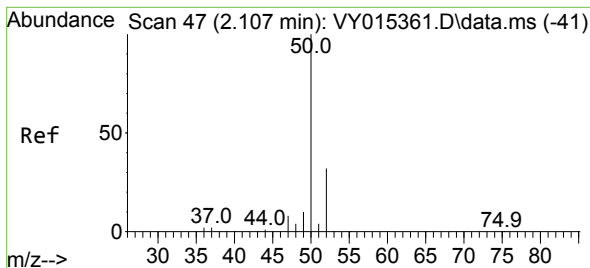
Tgt Ion:168 Resp: 153107
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 16.862 ug/l
RT: 1.905 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 85 Resp: 22442
Ion Ratio Lower Upper
85 100
87 36.5 15.6 46.8





#3

Chloromethane

Concen: 19.364 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

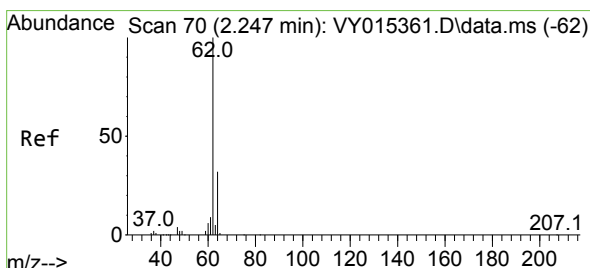
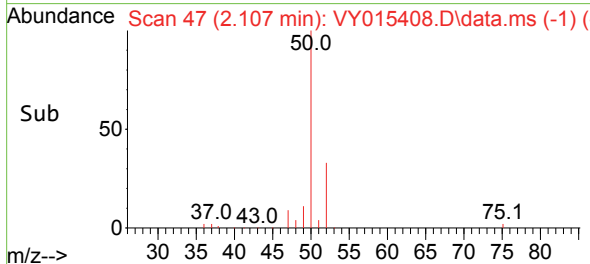
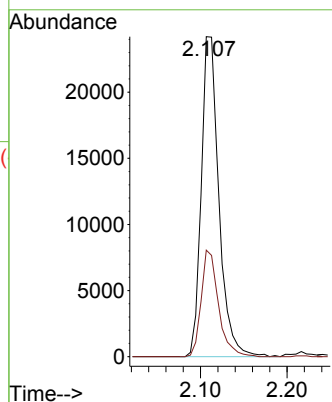
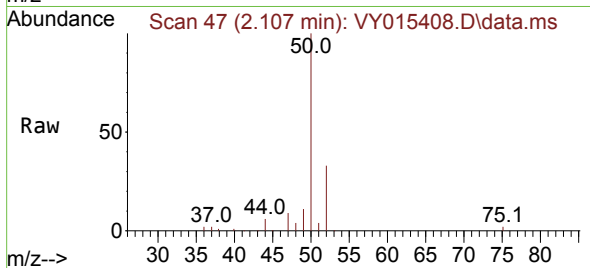
VY0901SBSD01

Tgt Ion: 50 Resp: 34227

Ion Ratio Lower Upper

50 100

52 33.3 25.4 38.2



#4

Vinyl Chloride

Concen: 17.549 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015408.D

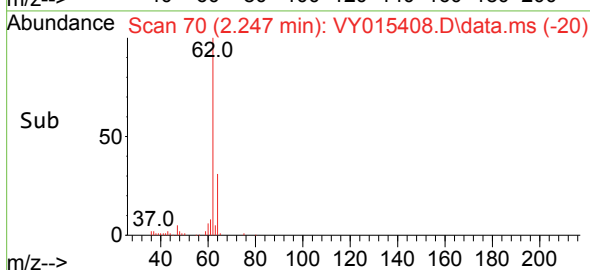
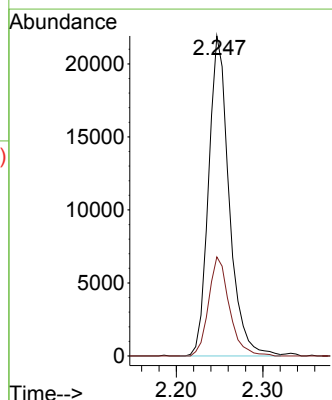
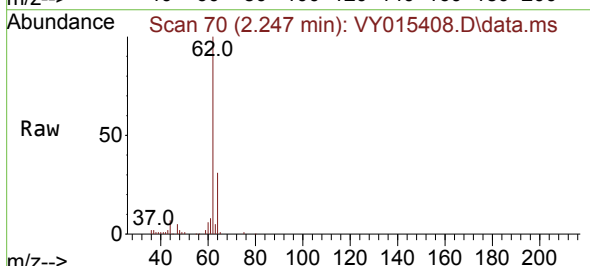
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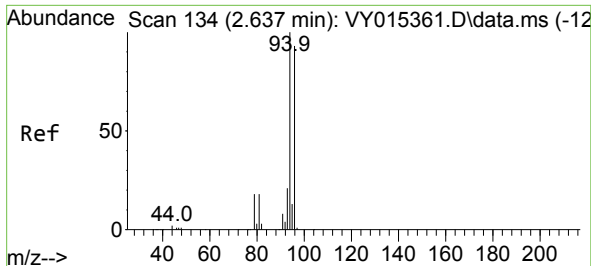
Tgt Ion: 62 Resp: 36104

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5

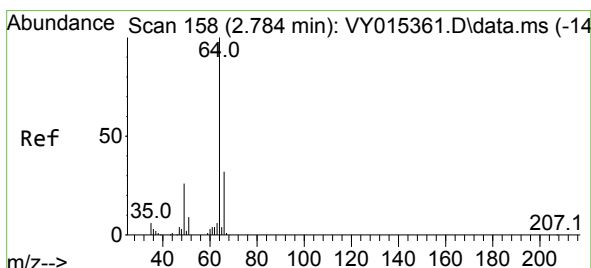
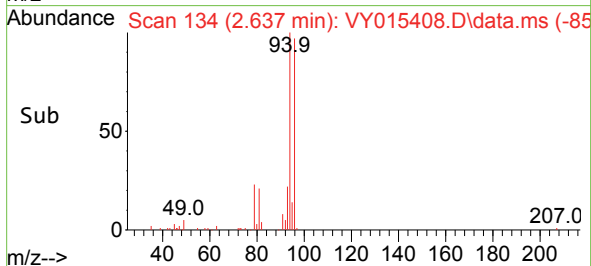
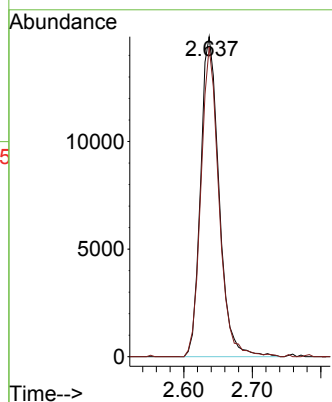
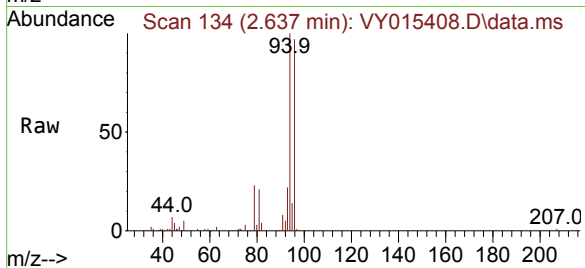




#5
Bromomethane
Concen: 19.103 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

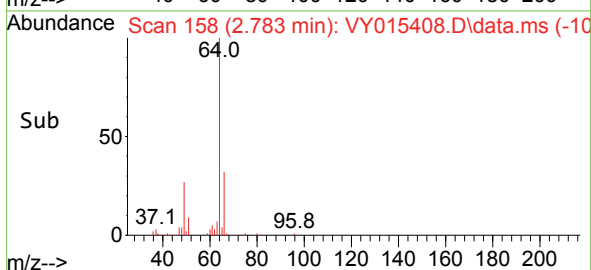
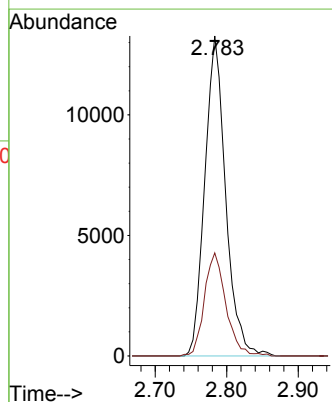
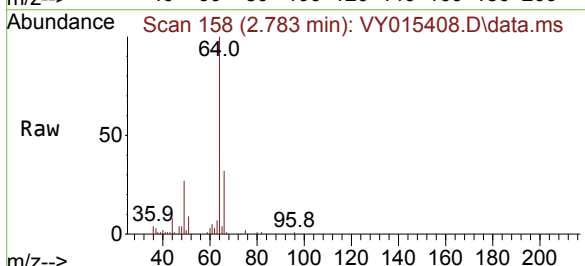
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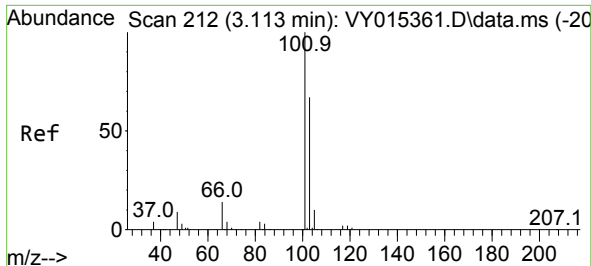
Tgt Ion: 94 Resp: 27964
Ion Ratio Lower Upper
94 100
96 96.8 75.8 113.6



#6
Chloroethane
Concen: 19.875 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 64 Resp: 26876
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6

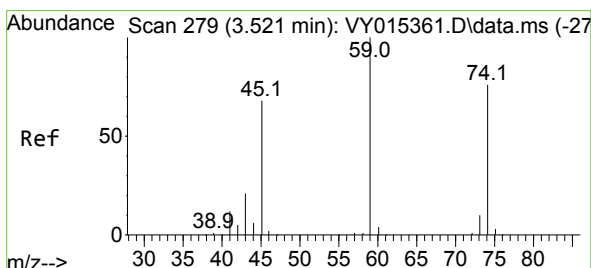
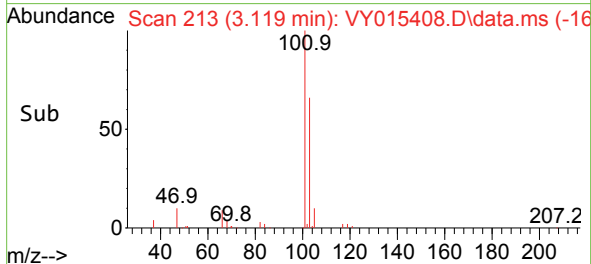
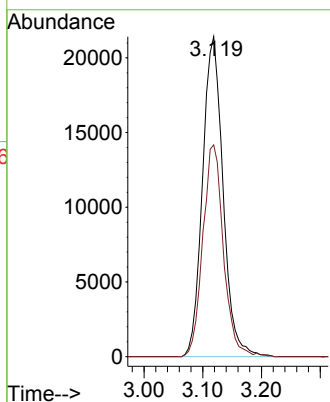
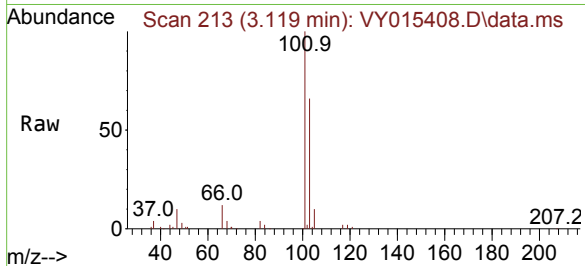




#7
Trichlorofluoromethane
Concen: 17.838 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

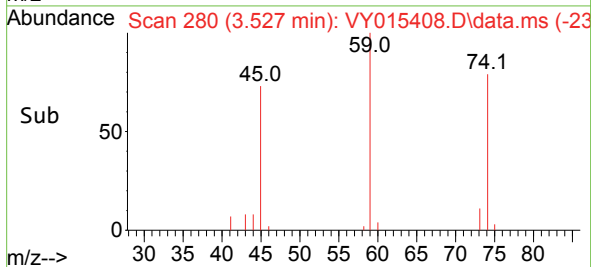
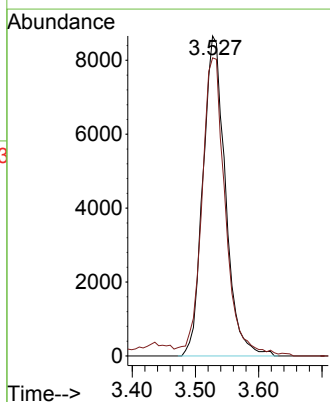
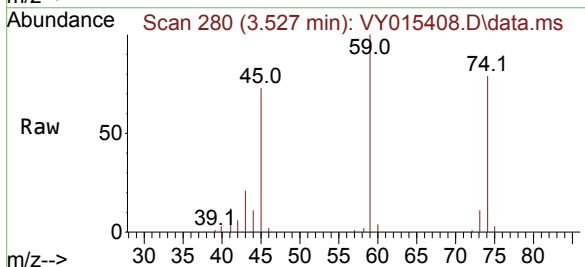
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

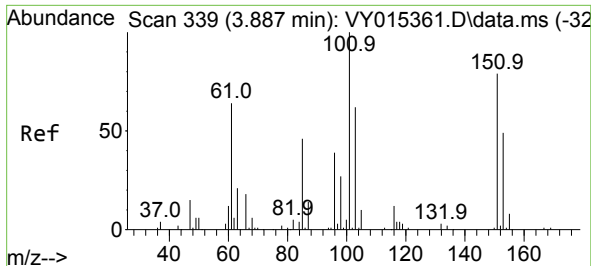
Tgt Ion:101 Resp: 51909
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0



#8
Diethyl Ether
Concen: 21.501 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 74 Resp: 21383
Ion Ratio Lower Upper
74 100
45 97.6 51.5 154.5

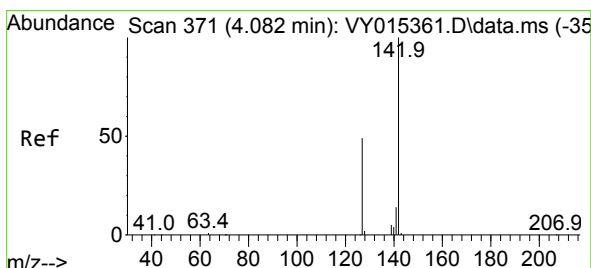
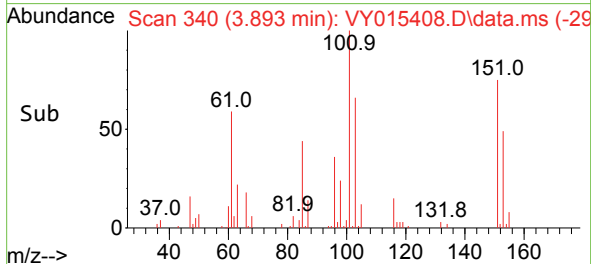
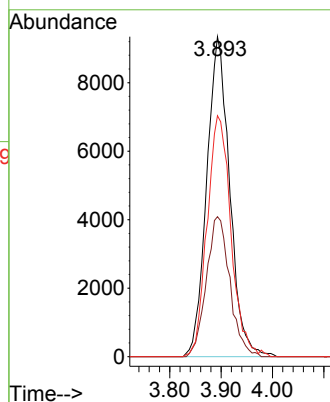
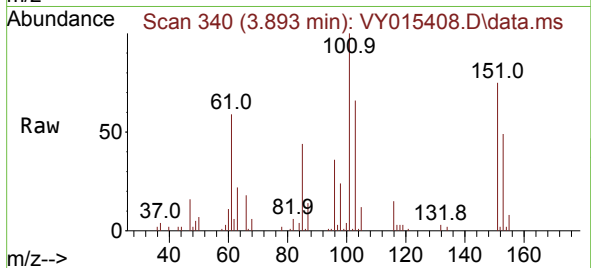




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.952 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

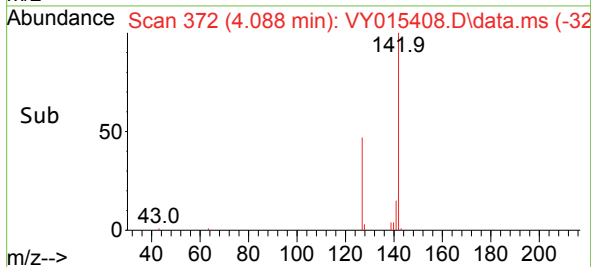
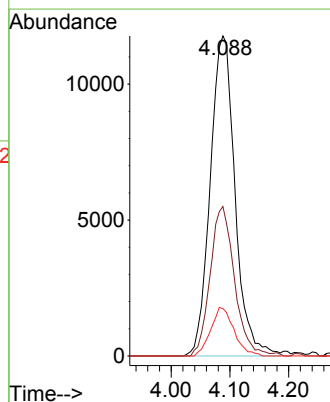
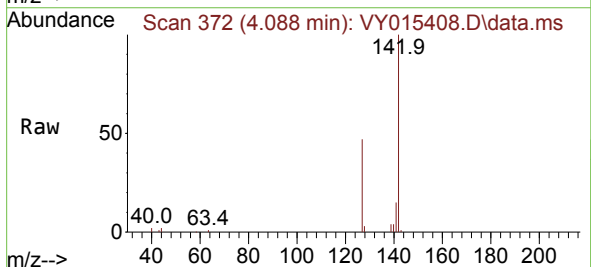
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

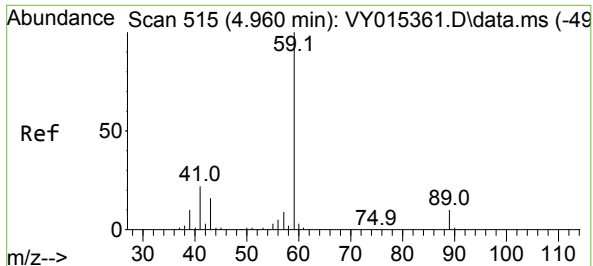
Tgt Ion:101 Resp: 28956
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 18.203 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:142 Resp: 34479
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 183.080 ug/l

RT: 4.929 min Scan# 51

Delta R.T. -0.025 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

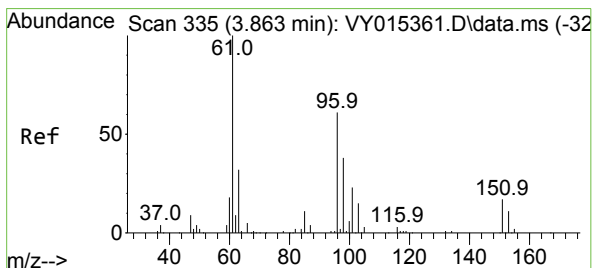
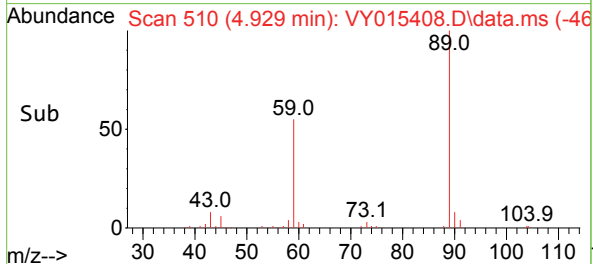
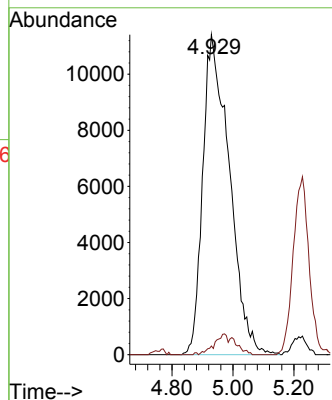
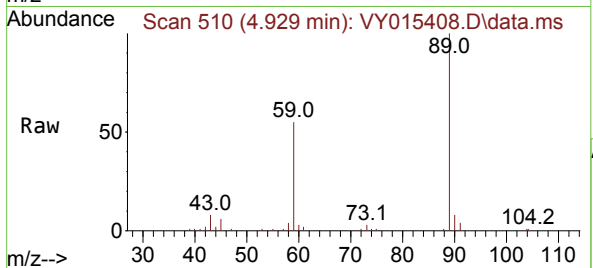
VY0901SBSD01

Tgt Ion: 59 Resp: 68939

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.369 ug/l

RT: 3.868 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

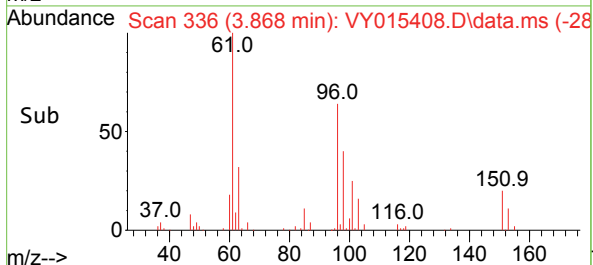
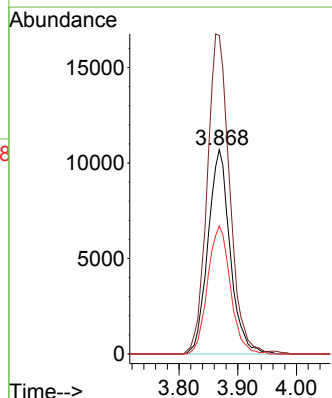
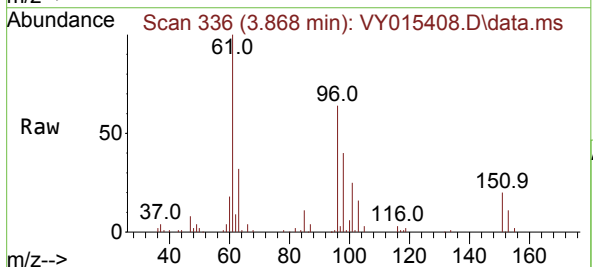
Tgt Ion: 96 Resp: 27957

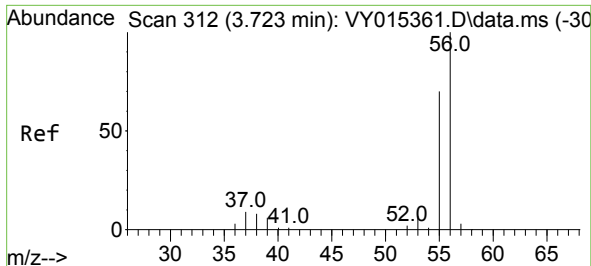
Ion Ratio Lower Upper

96 100

61 156.0 136.4 204.6

98 62.7 49.4 74.2





#13

Acrolein

Concen: 77.580 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

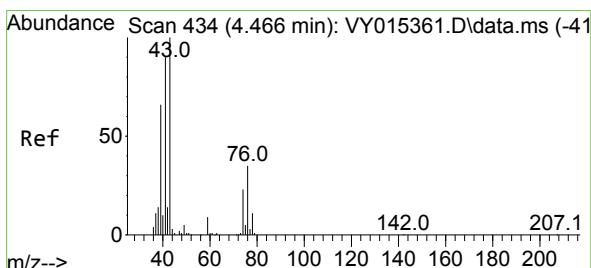
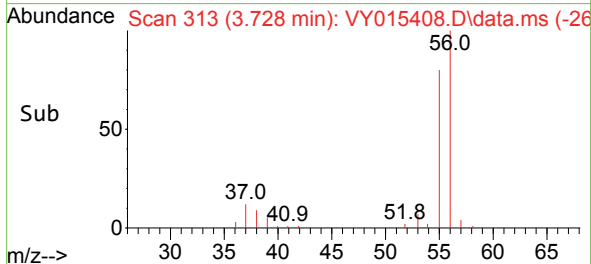
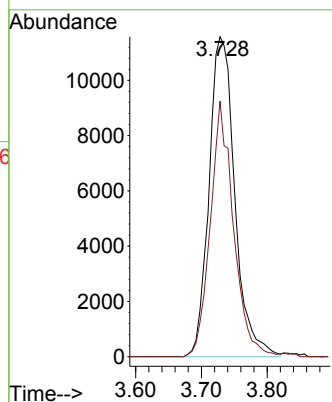
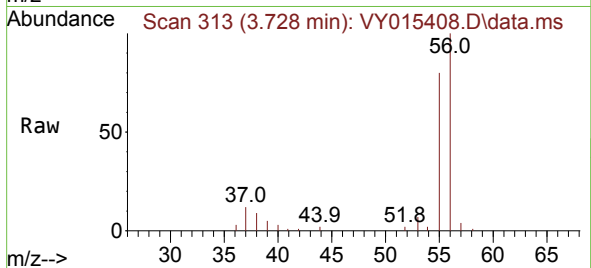
VY0901SBSD01

Tgt Ion: 56 Resp: 31533

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 20.148 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

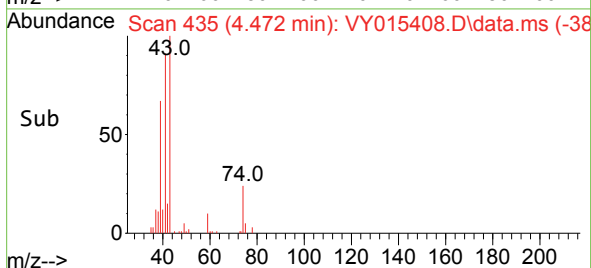
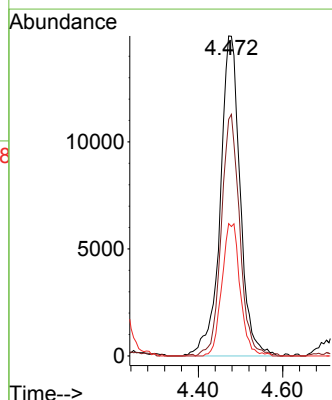
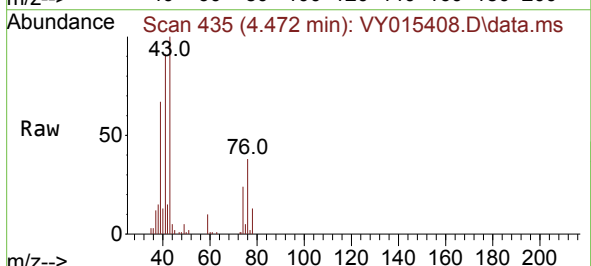
Tgt Ion: 41 Resp: 48823

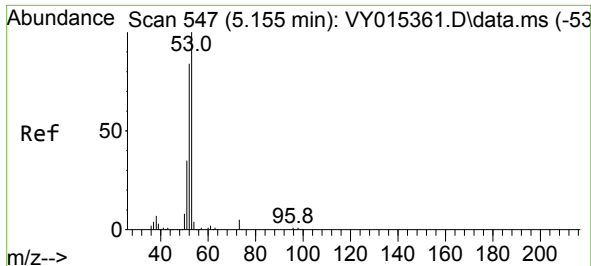
Ion Ratio Lower Upper

41 100

39 69.9 58.0 87.0

76 38.0 27.4 41.2

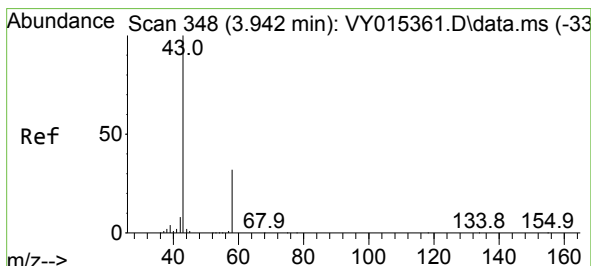
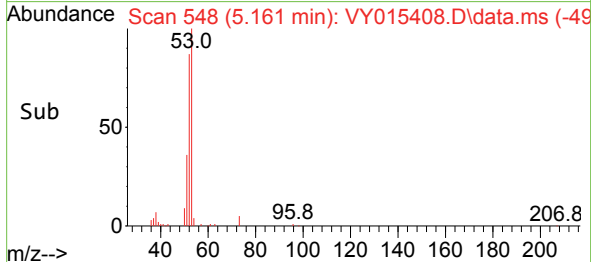
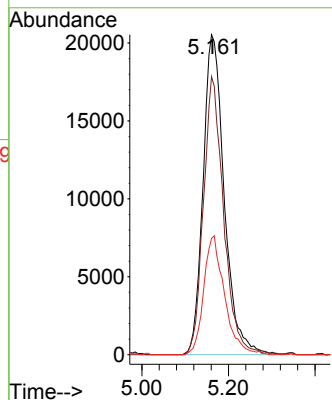
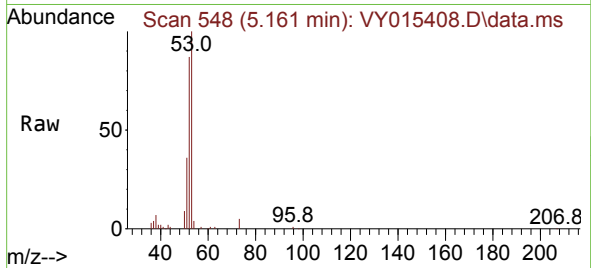




#15
Acrylonitrile
Concen: 111.382 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

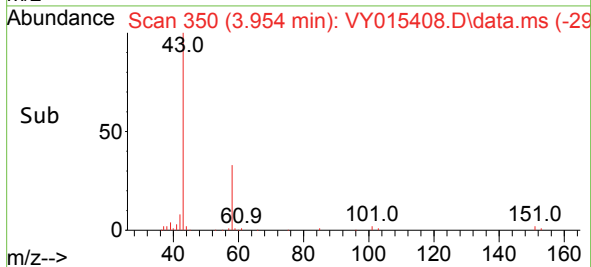
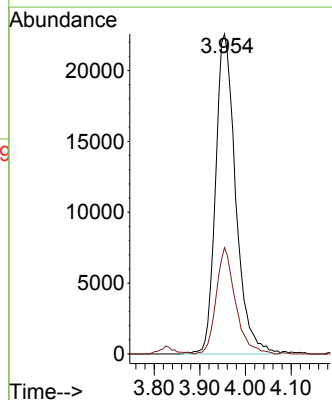
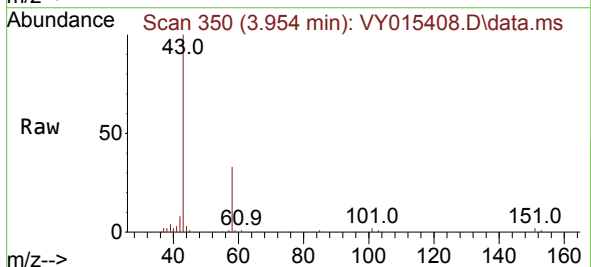
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

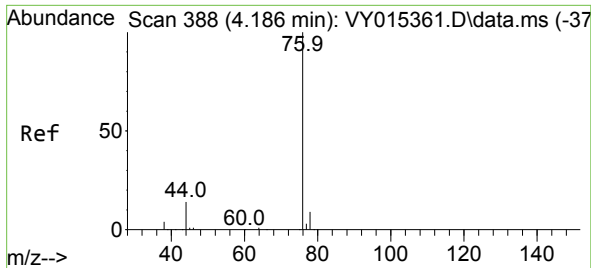
Tgt Ion: 53 Resp: 69704
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 100.884 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 43 Resp: 69112
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

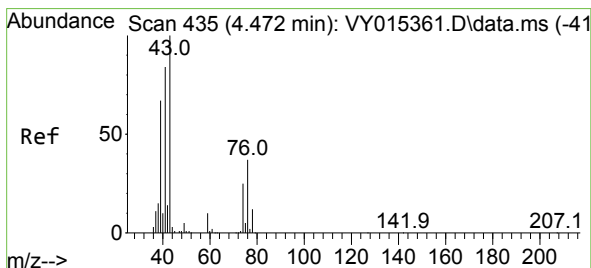
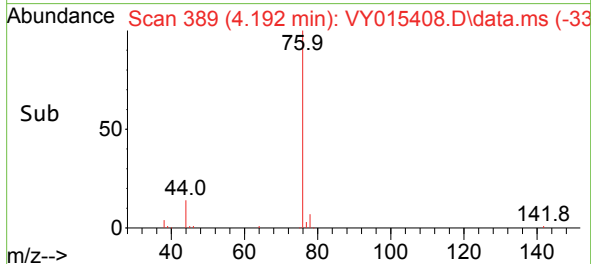
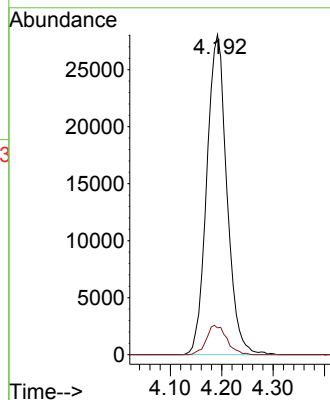
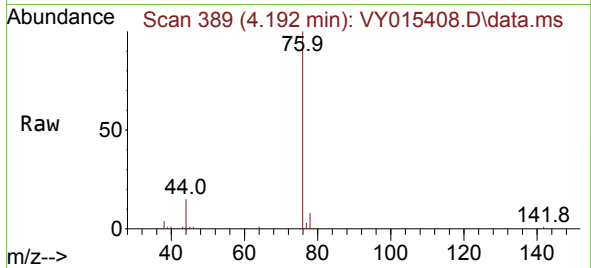




#17
Carbon Disulfide
Concen: 16.751 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

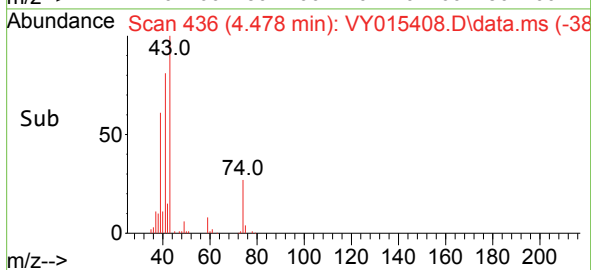
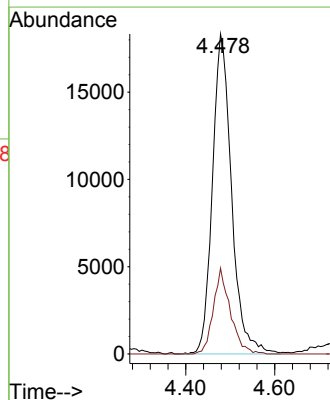
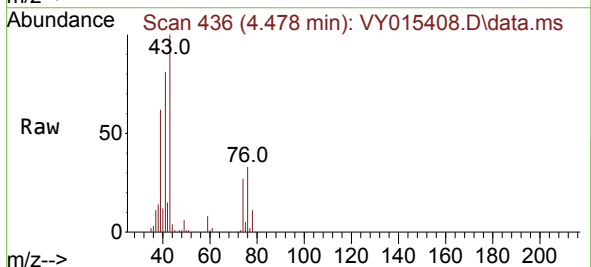
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

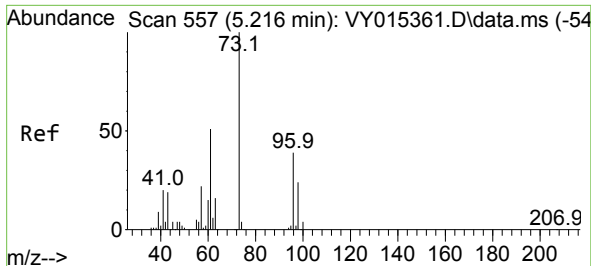
Tgt Ion: 76 Resp: 76220
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 22.097 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 43 Resp: 54830
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.161 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

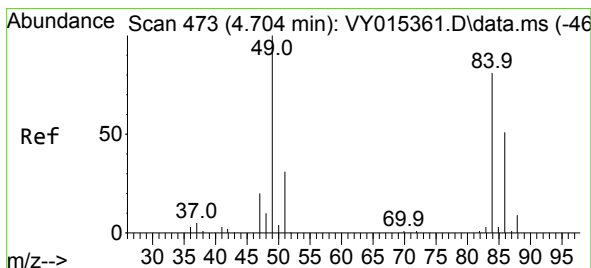
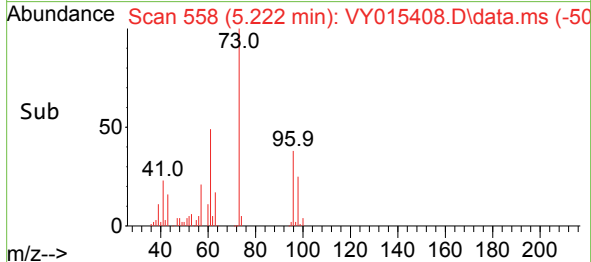
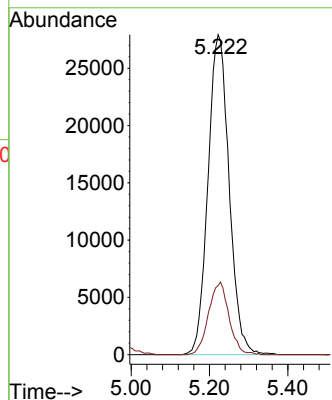
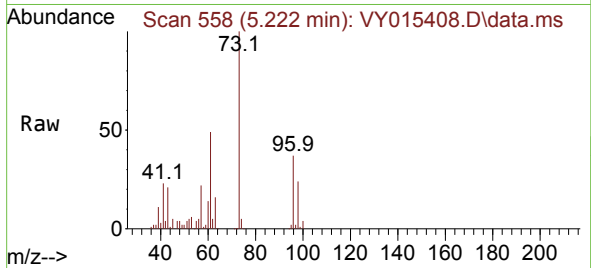
VY0901SBSD01

Tgt Ion: 73 Resp: 104675

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 17.061 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Tgt Ion: 84 Resp: 47364

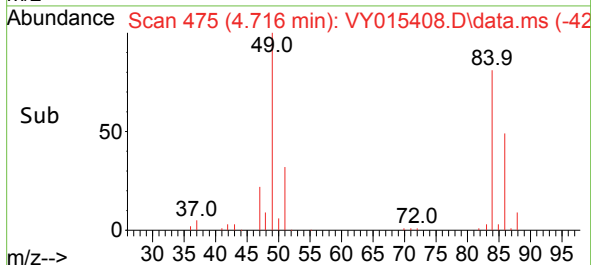
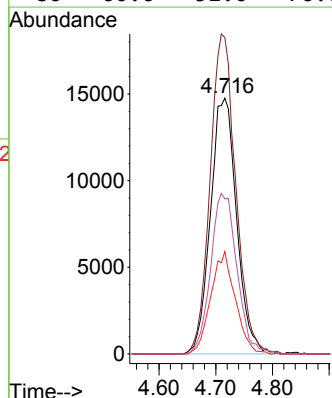
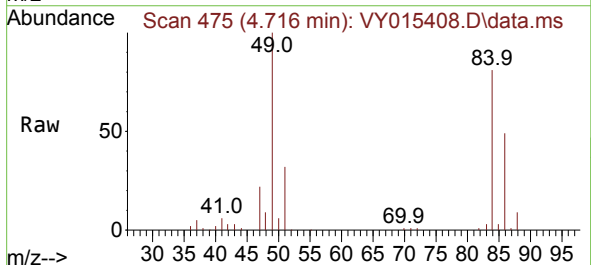
Ion Ratio Lower Upper

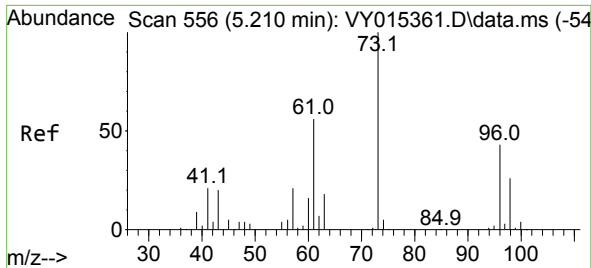
84 100

49 123.7 106.9 160.3

51 40.0 33.2 49.8

86 60.6 51.0 76.6

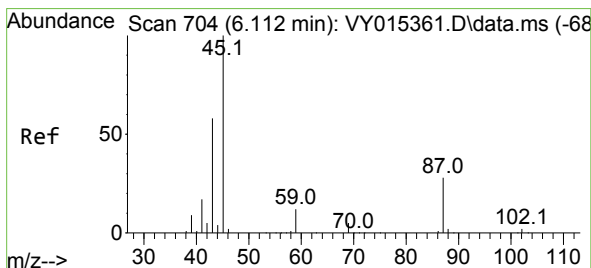
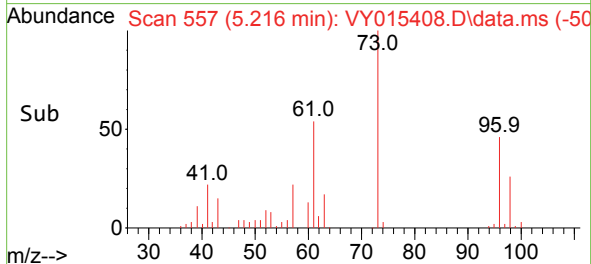
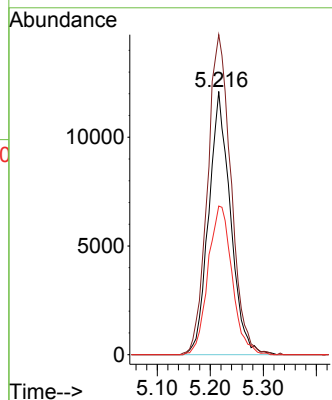
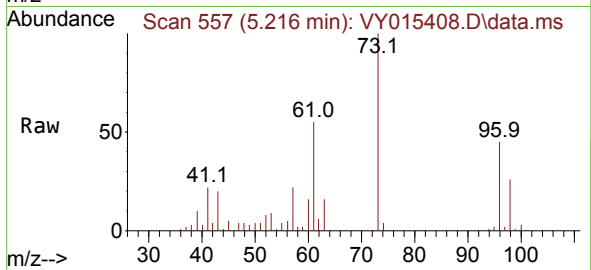




#21
trans-1,2-Dichloroethene
Concen: 19.664 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

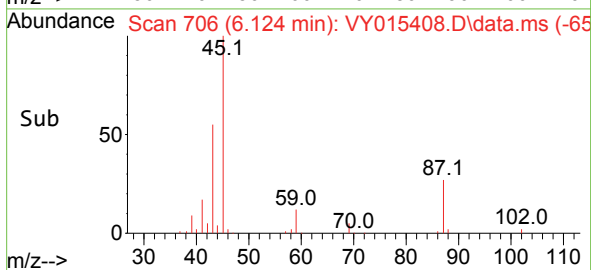
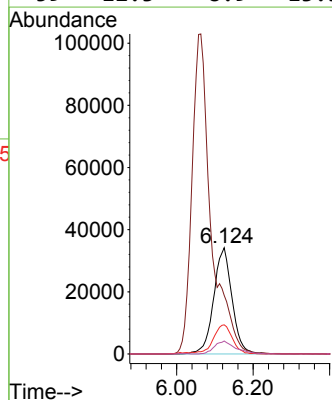
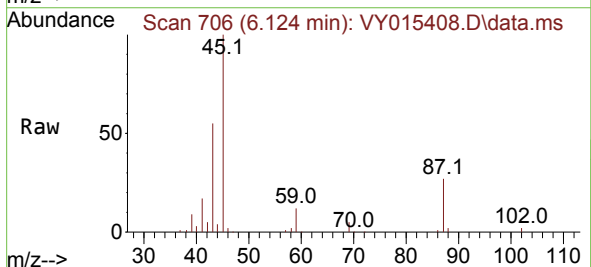
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

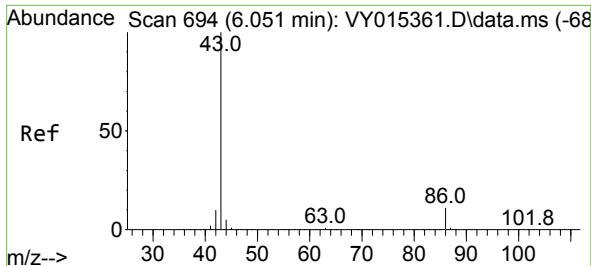
Tgt Ion: 96 Resp: 34463
Ion Ratio Lower Upper
96 100
61 121.6 110.2 165.4
98 56.5 51.8 77.6



#22
Diisopropyl ether
Concen: 21.500 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 45 Resp: 113948
Ion Ratio Lower Upper
45 100
43 54.7 52.2 78.4
87 27.4 21.0 31.6
59 12.3 8.9 13.3

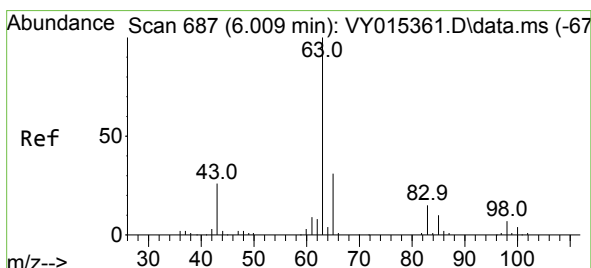
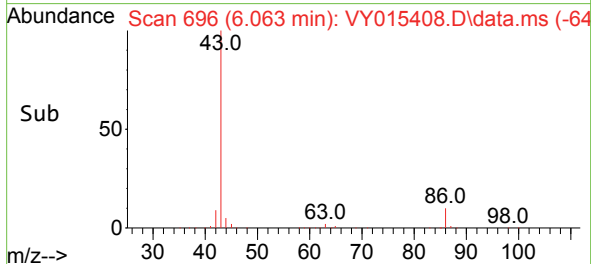
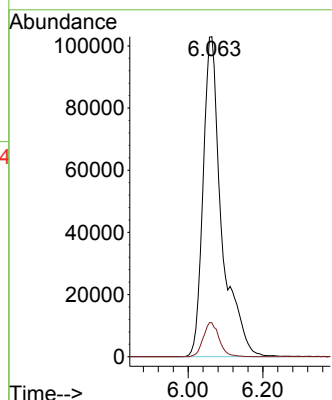
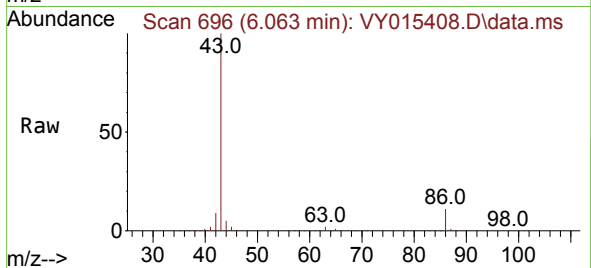




#23
 Vinyl Acetate
 Concen: 106.174 ug/l
 RT: 6.063 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

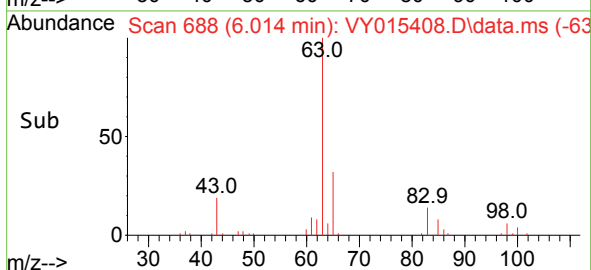
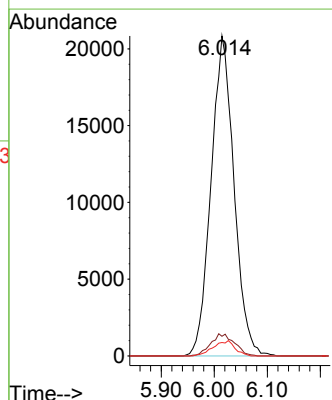
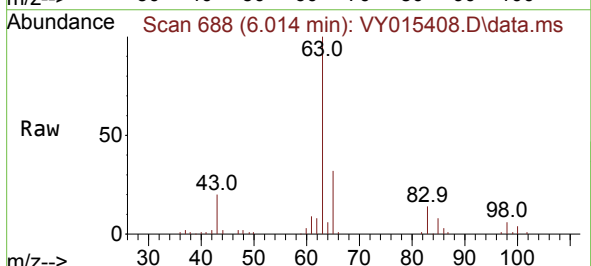
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBSD01

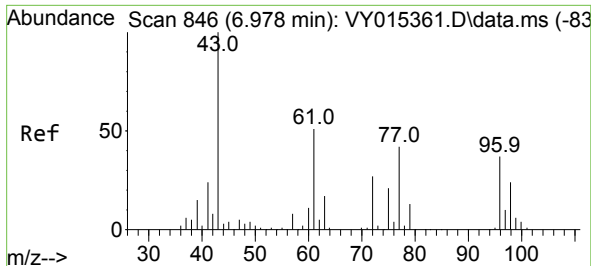
Tgt Ion: 43 Resp: 355281
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.477 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

Tgt Ion: 63 Resp: 62734
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 109.305 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

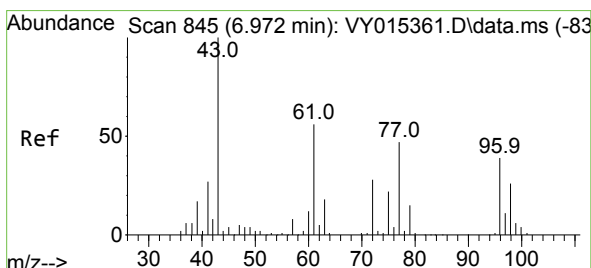
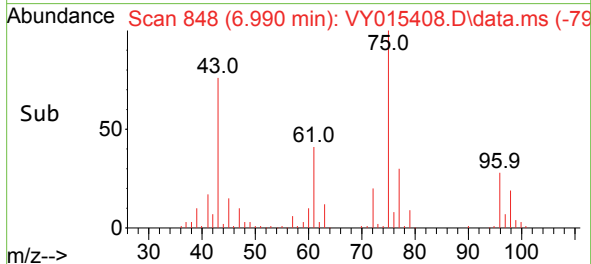
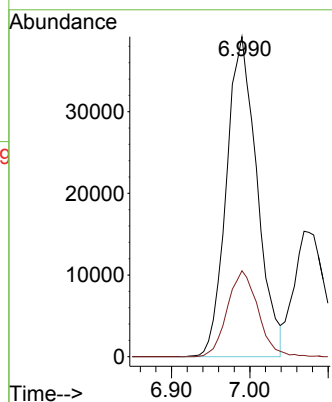
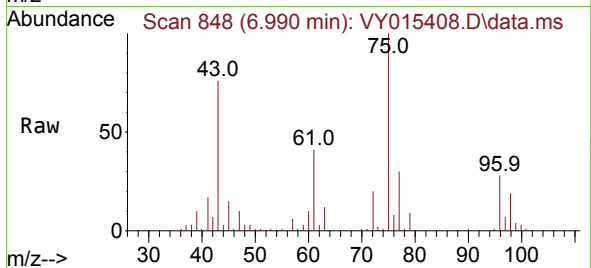
VY0901SBSD01

Tgt Ion: 43 Resp: 106206

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.186 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015408.D

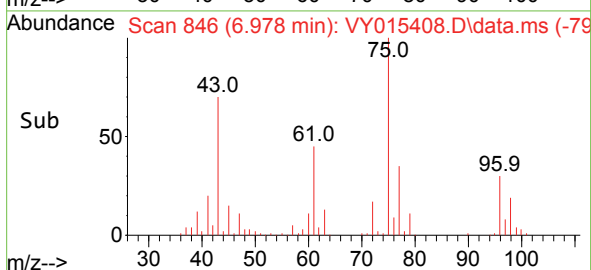
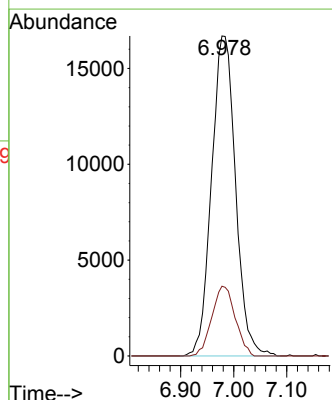
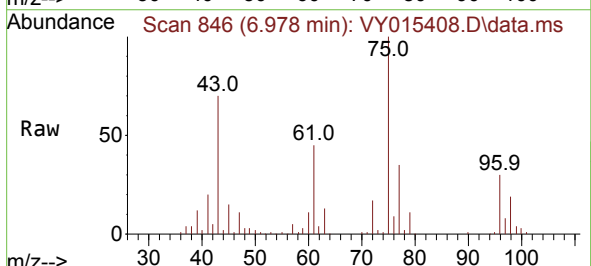
Acq: 01 Sep 2023 12:07

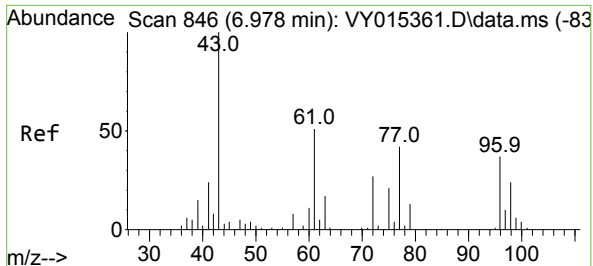
Tgt Ion: 77 Resp: 52527

Ion Ratio Lower Upper

77 100

97 21.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.709 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBS01

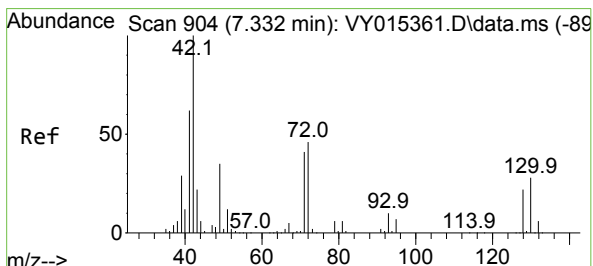
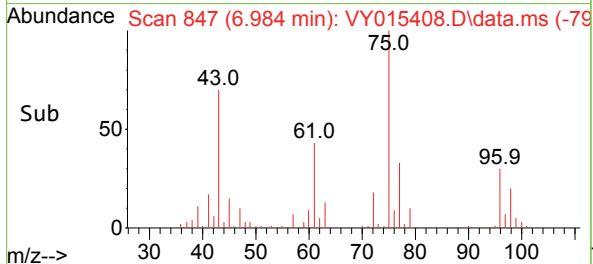
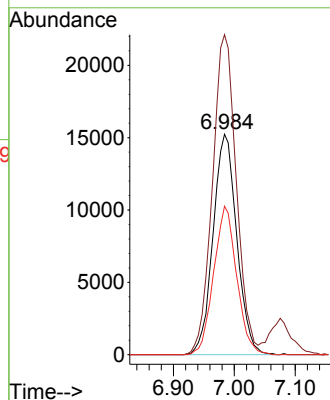
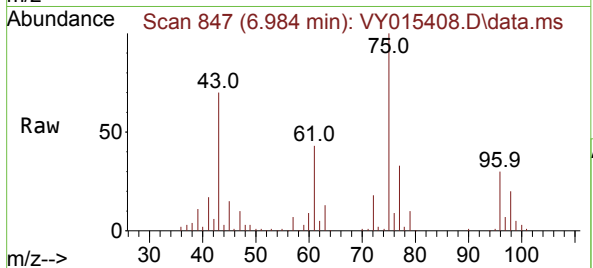
Tgt Ion: 96 Resp: 41174

Ion Ratio Lower Upper

96 100

61 146.1 0.0 301.4

98 65.4 0.0 130.4



#28

Bromochloromethane

Concen: 22.756 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

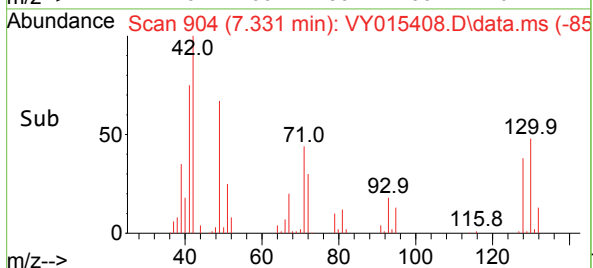
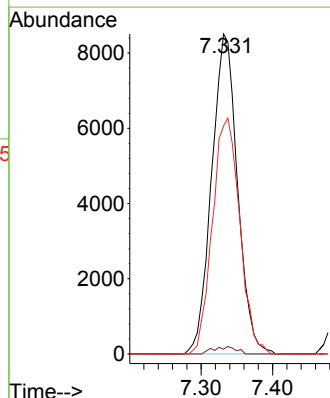
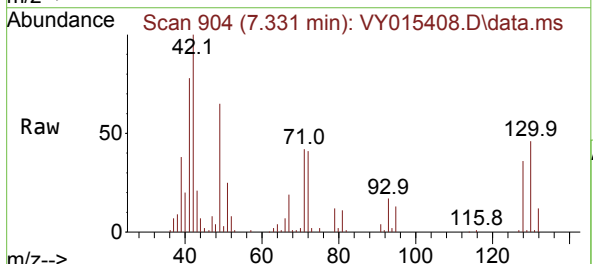
Tgt Ion: 49 Resp: 21379

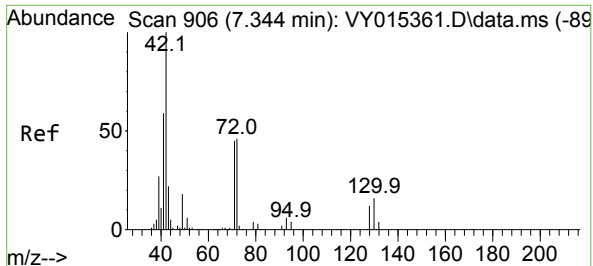
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 77.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 108.473 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

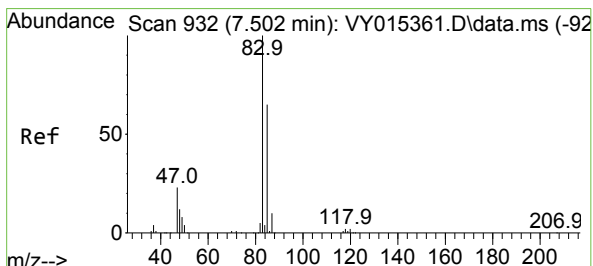
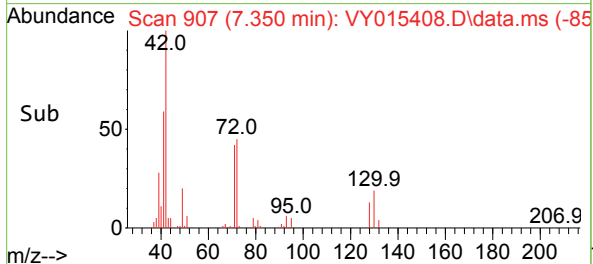
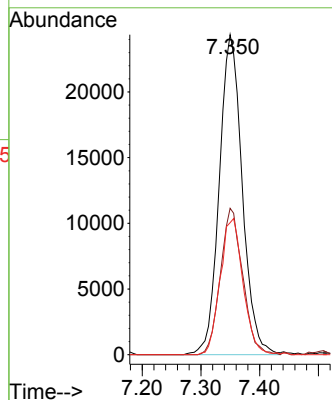
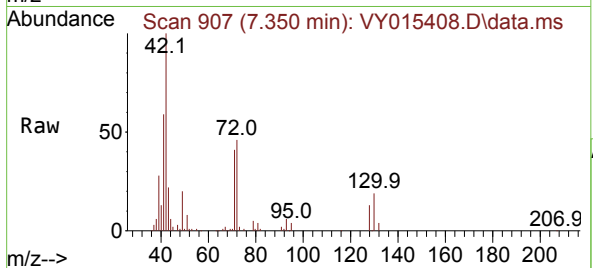
Tgt Ion: 42 Resp: 66187

Ion Ratio Lower Upper

42 100

72 44.3 32.8 49.2

71 42.3 31.0 46.4



#30

Chloroform

Concen: 20.913 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015408.D

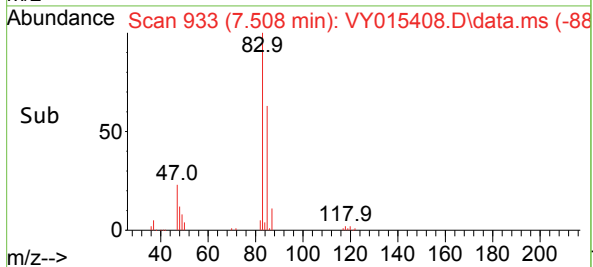
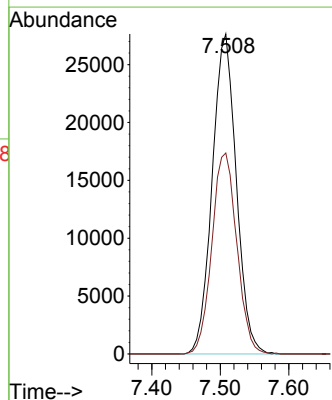
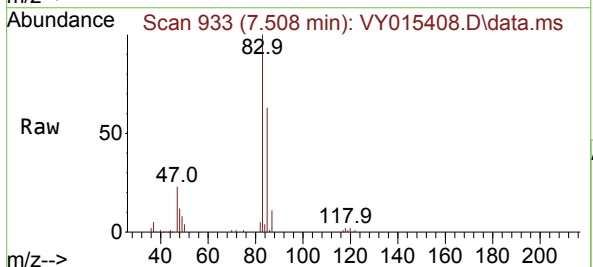
Acq: 01 Sep 2023 12:07

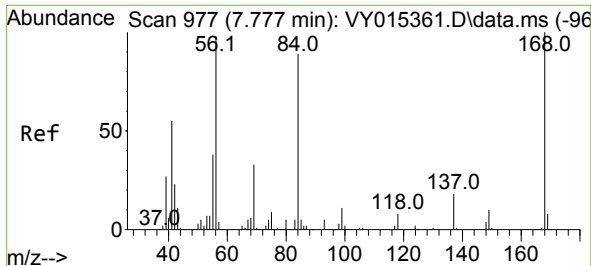
Tgt Ion: 83 Resp: 67354

Ion Ratio Lower Upper

83 100

85 62.8 49.7 74.5





#31

Cyclohexane

Concen: 16.928 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015408.D

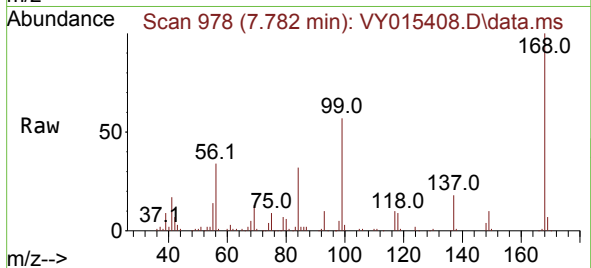
Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBS01



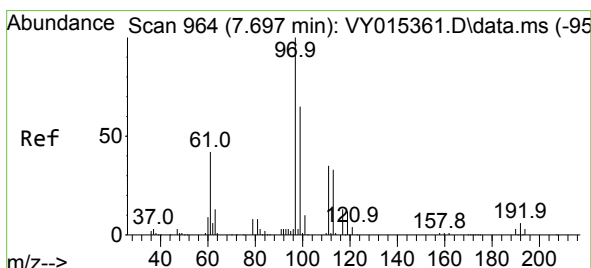
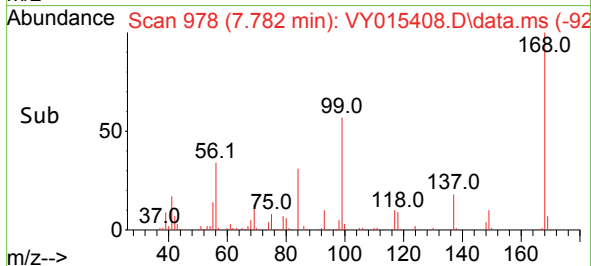
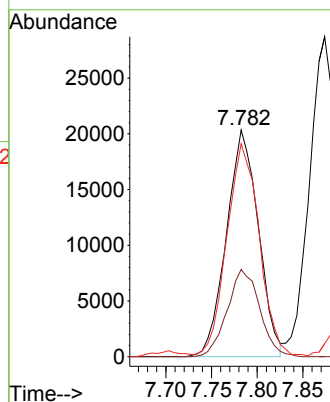
Tgt Ion: 56 Resp: 49353

Ion Ratio Lower Upper

56 100

69 38.4 27.8 41.6

84 92.6 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 19.145 ug/l

RT: 7.703 min Scan# 965

Delta R.T. 0.012 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

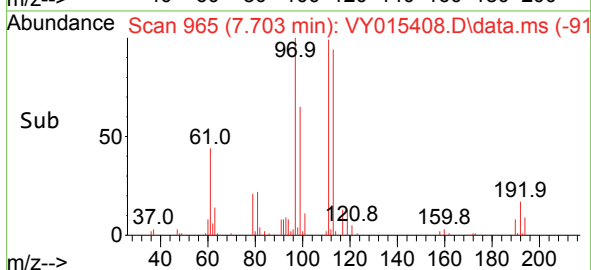
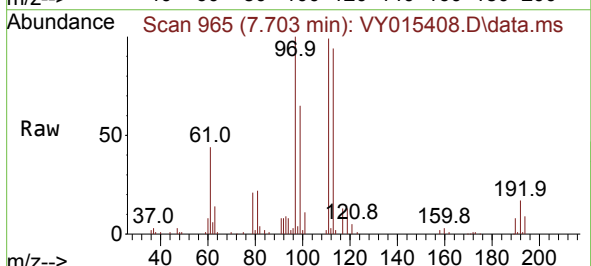
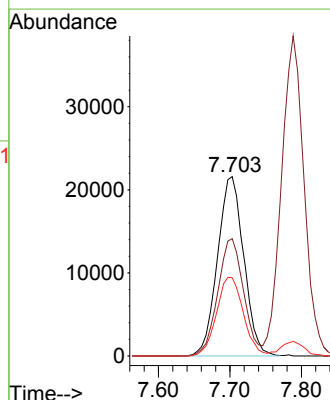
Tgt Ion: 97 Resp: 55073

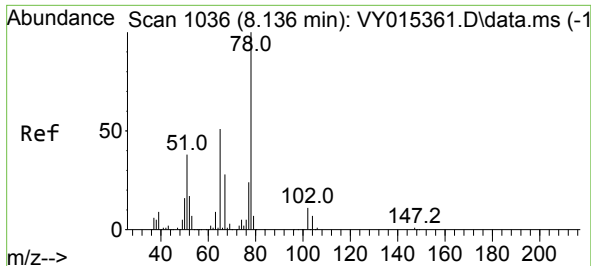
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 44.7 35.1 52.7

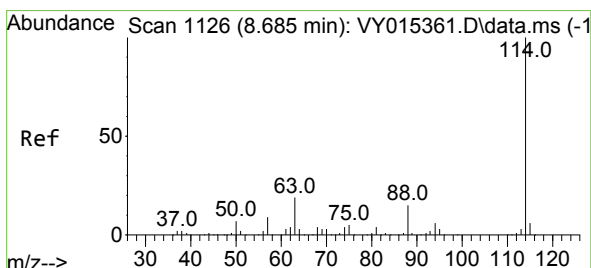
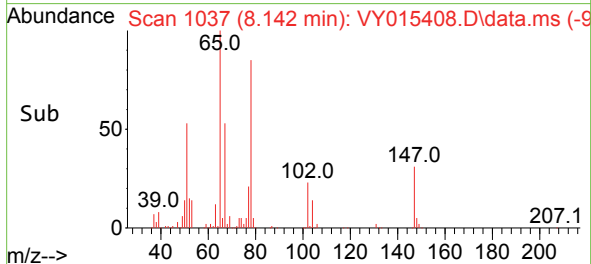
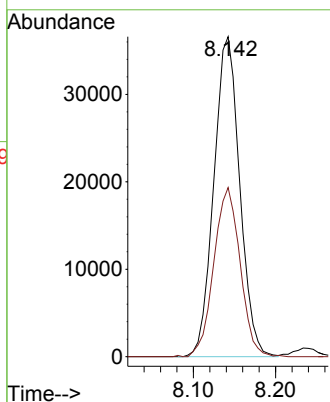
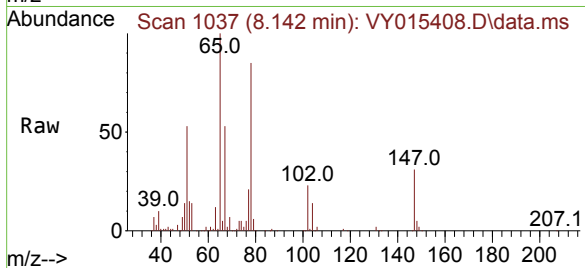




#33
 1,2-Dichloroethane-d4
 Concen: 48.784 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

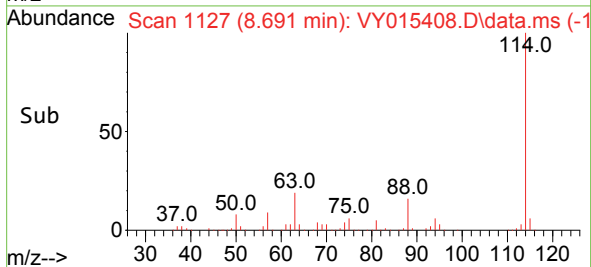
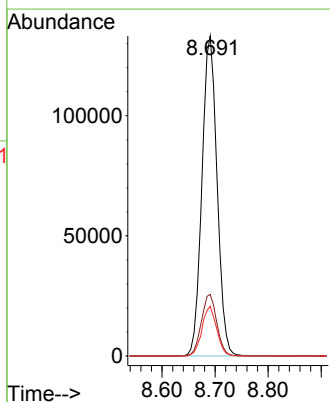
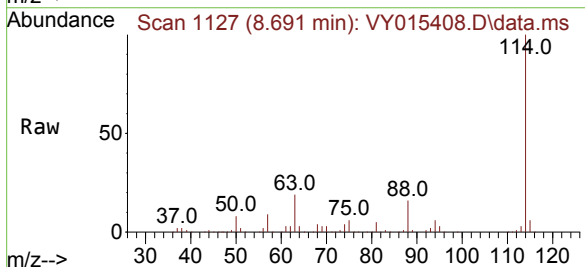
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBSD01

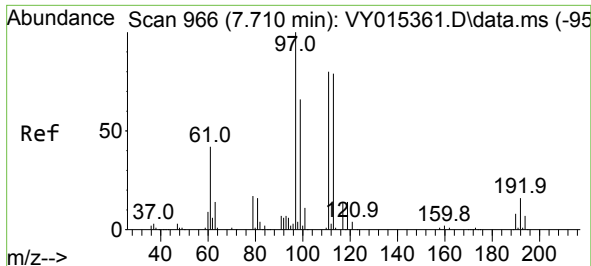
Tgt Ion: 65 Resp: 80069
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

Tgt Ion: 114 Resp: 262741
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.6 0.0 30.6

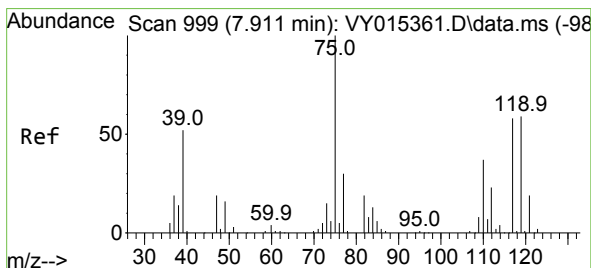
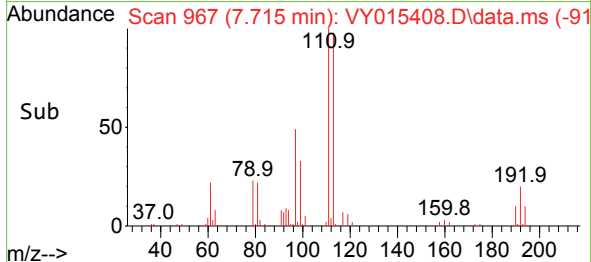
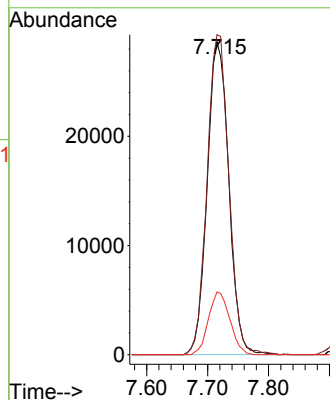
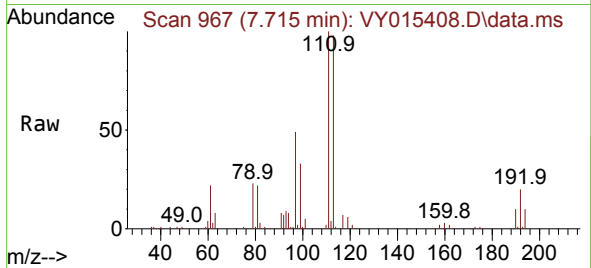




#35
Dibromofluoromethane
Concen: 46.536 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

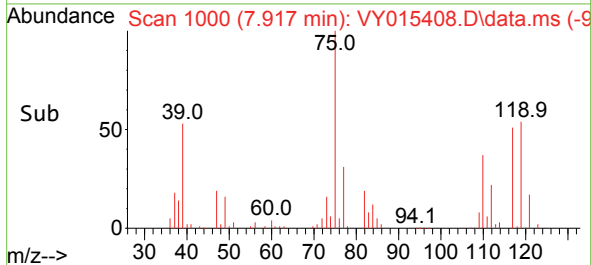
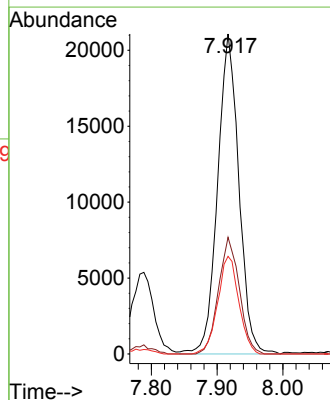
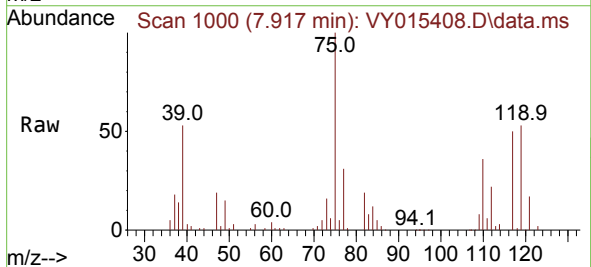
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

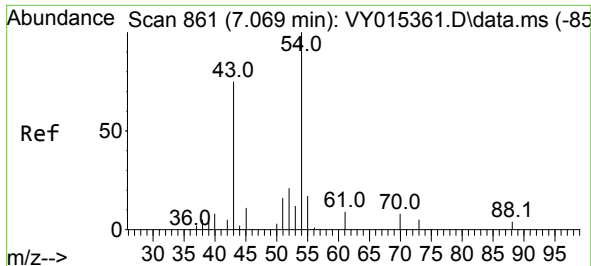
Tgt Ion:113 Resp: 70425
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.855 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 75 Resp: 47445
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 21.114 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

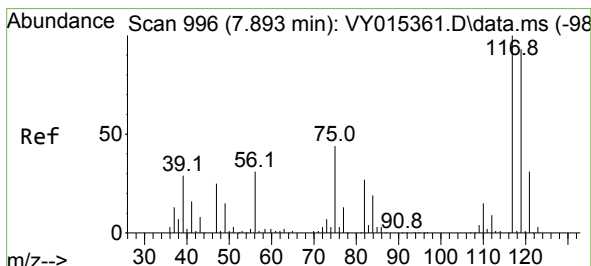
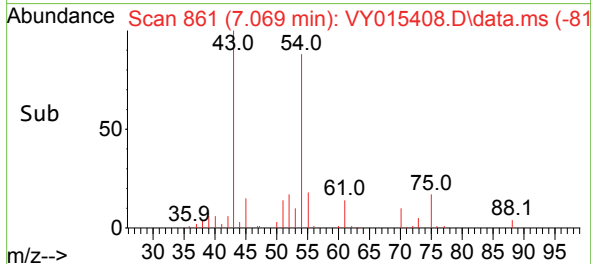
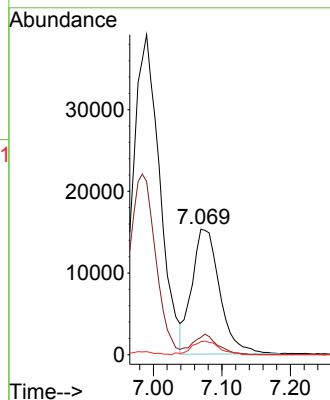
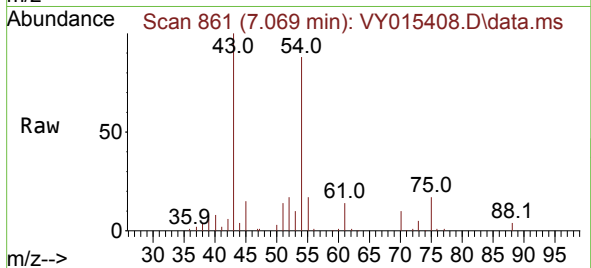
Tgt Ion: 43 Resp: 43270

Ion Ratio Lower Upper

43 100

61 14.6 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 17.179 ug/l

RT: 7.898 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

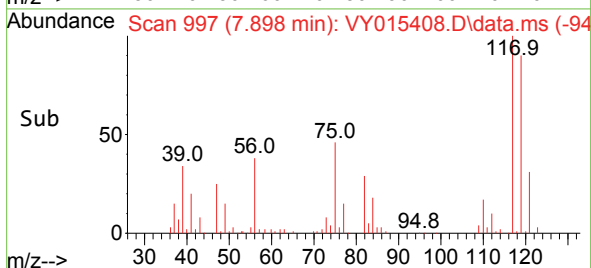
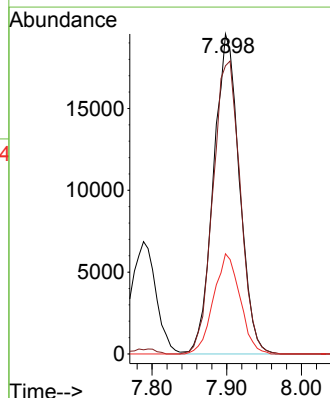
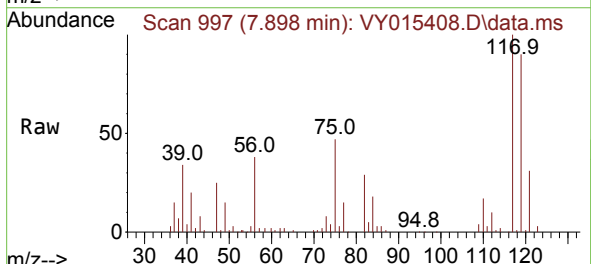
Tgt Ion: 117 Resp: 47147

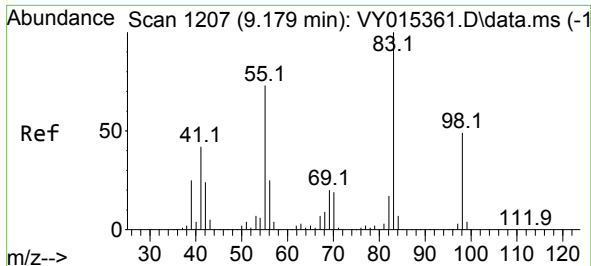
Ion Ratio Lower Upper

117 100

119 90.1 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 15.575 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

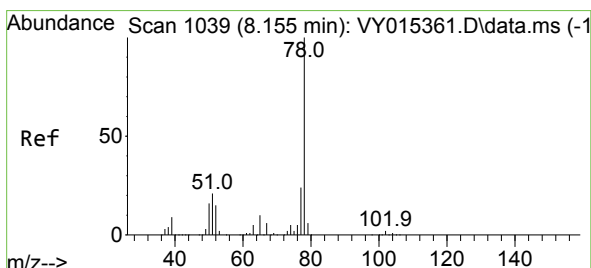
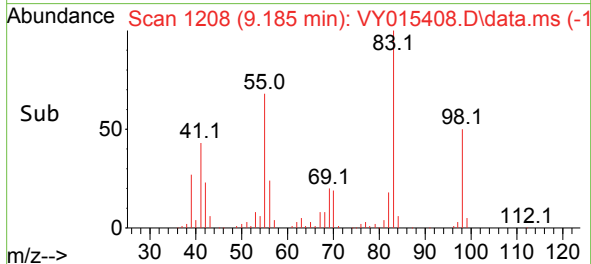
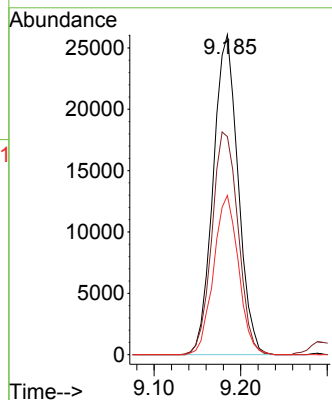
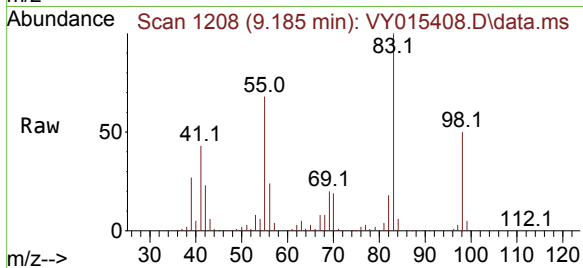
Tgt Ion: 83 Resp: 52105

Ion Ratio Lower Upper

83 100

55 68.1 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 19.310 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015408.D

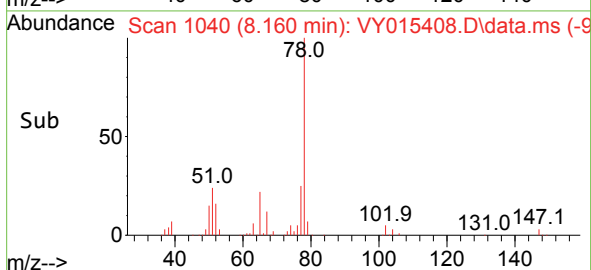
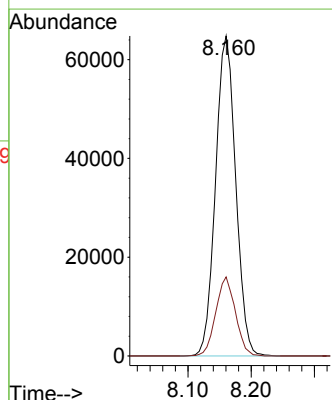
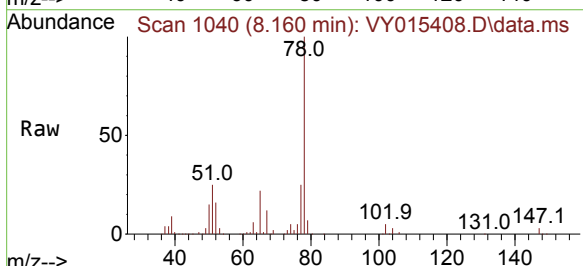
Acq: 01 Sep 2023 12:07

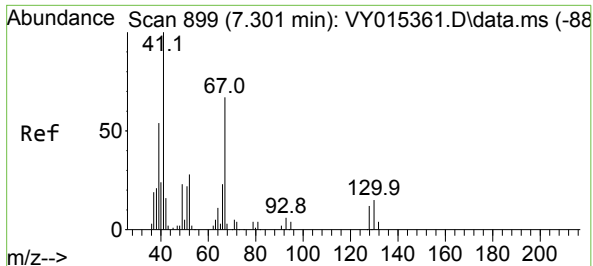
Tgt Ion: 78 Resp: 143154

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.6

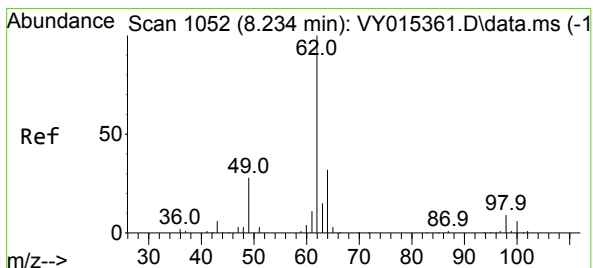
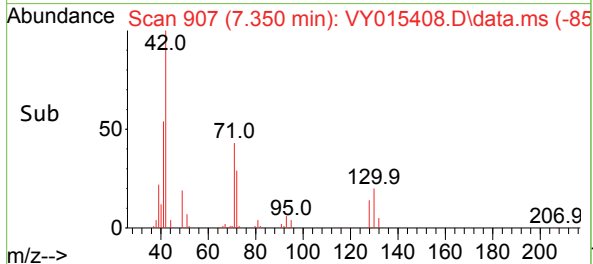
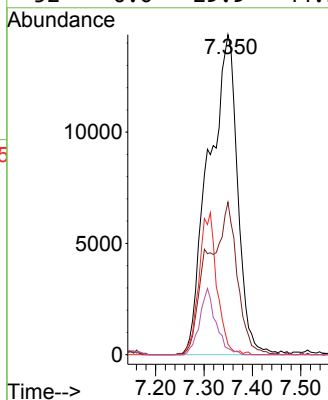
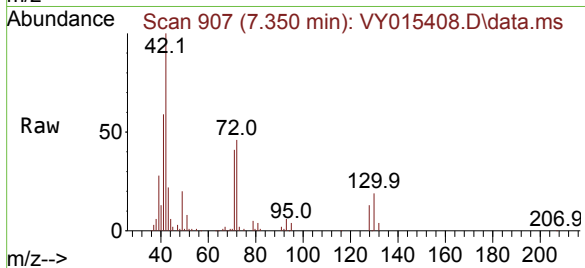




#41
Methacrylonitrile
Concen: 61.788 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.036 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

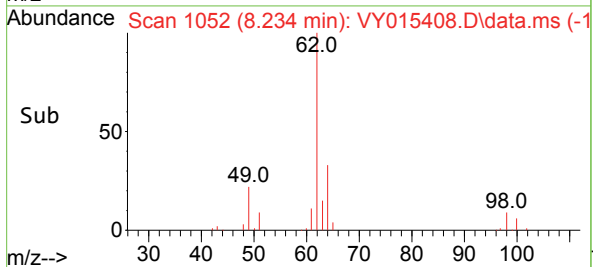
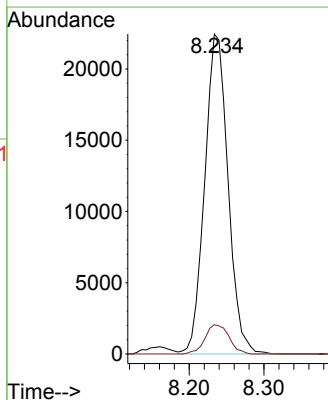
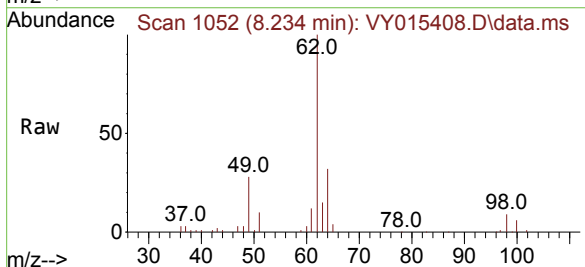
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

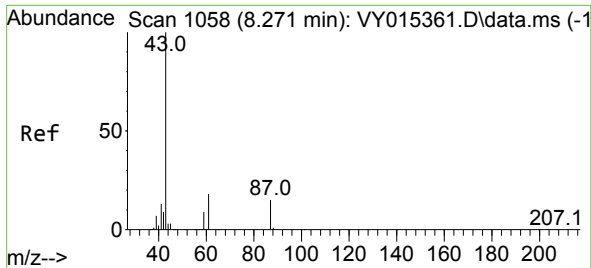
Tgt Ion:	41	Resp:	59381
Ion Ratio	Lower	Upper	
41	100		
39	28.6	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.694 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:	62	Resp:	48685
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	15.8

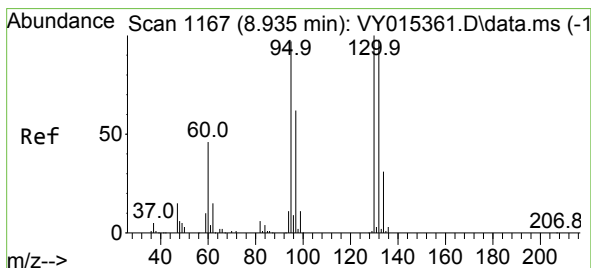
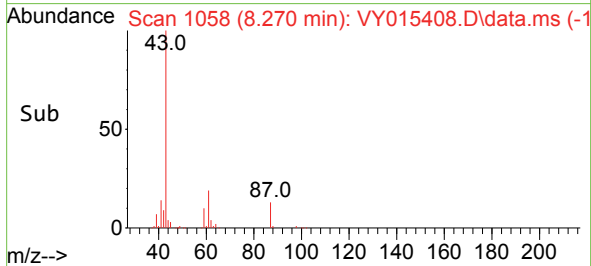
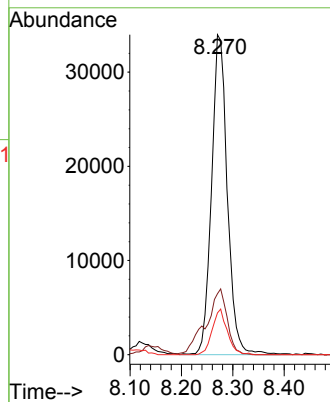
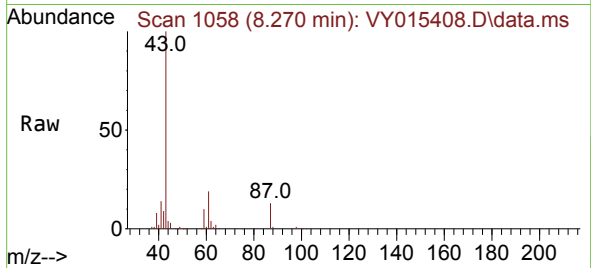




#43
Isopropyl Acetate
Concen: 20.478 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

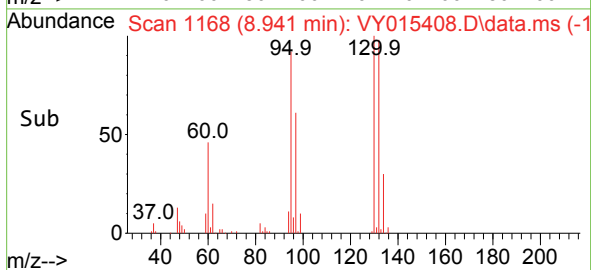
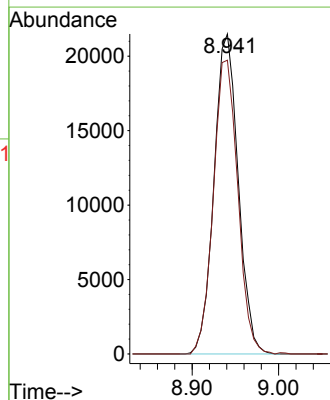
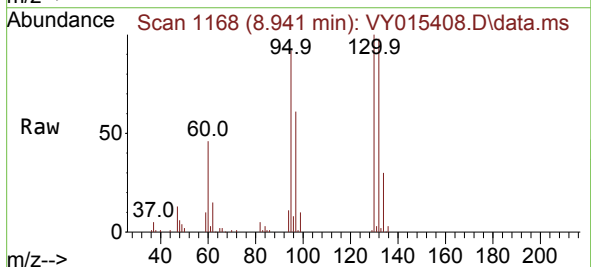
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

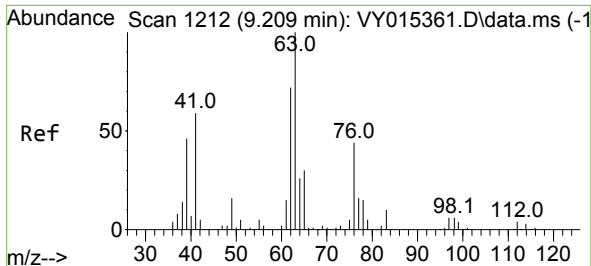
Tgt Ion:	43	Resp:	72571
Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.1	31.7
87	13.5	9.8	14.8



#44
Trichloroethene
Concen: 19.846 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:	130	Resp:	41628
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	196.0





#45

1,2-Dichloropropane

Concen: 19.909 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

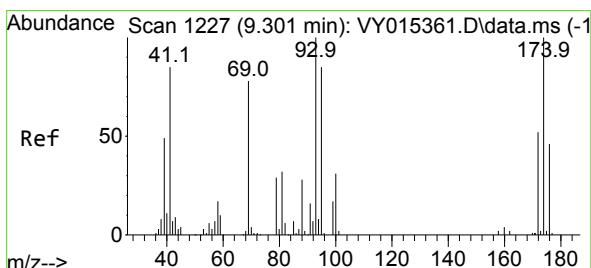
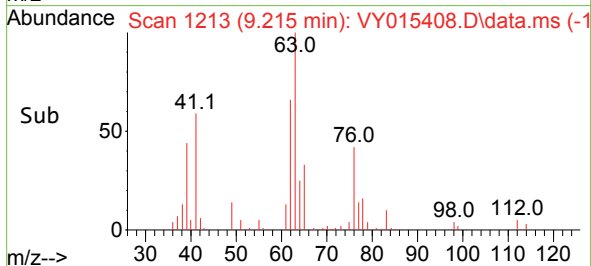
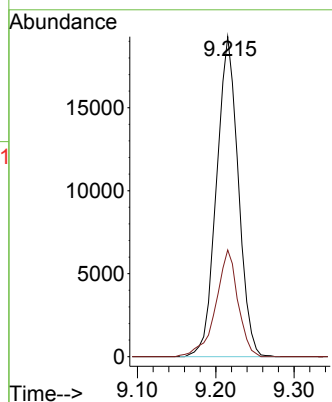
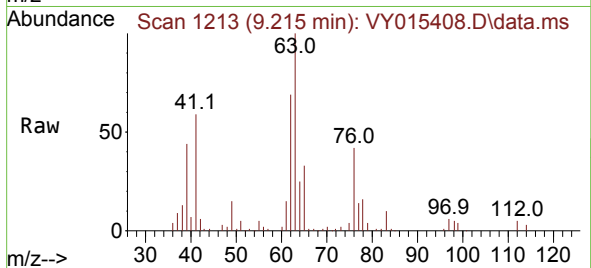
VY0901SBSD01

Tgt Ion: 63 Resp: 37208

Ion Ratio Lower Upper

63 100

65 33.3 23.8 35.6



#46

Dibromomethane

Concen: 19.909 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

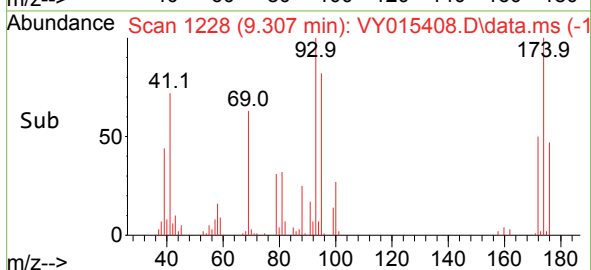
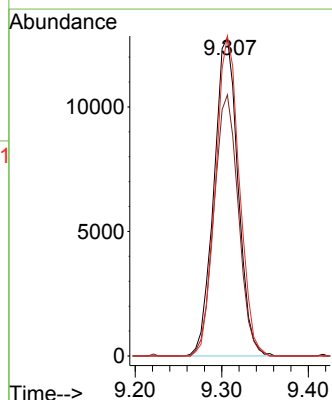
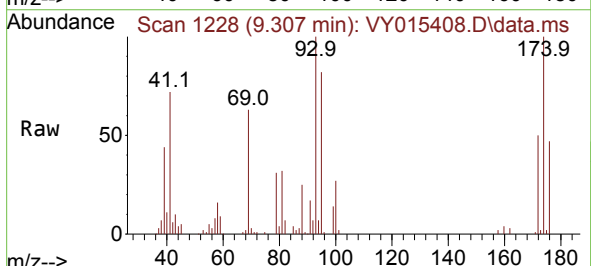
Tgt Ion: 93 Resp: 24716

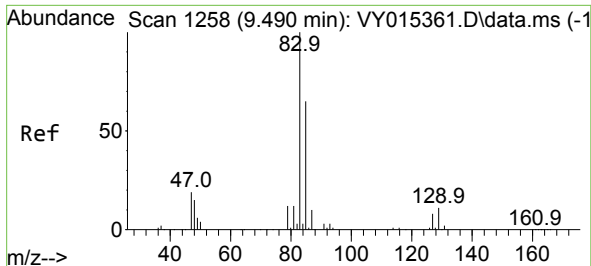
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 99.1 84.8 127.2

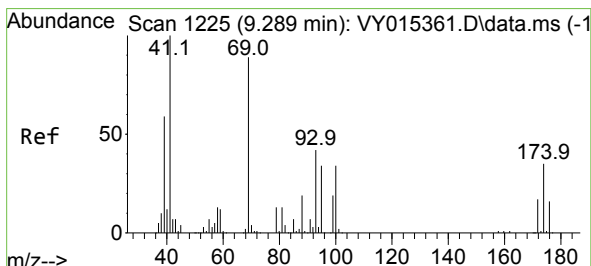
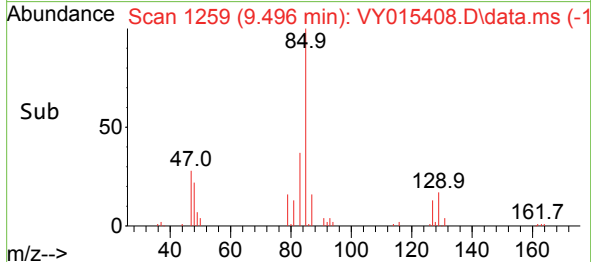
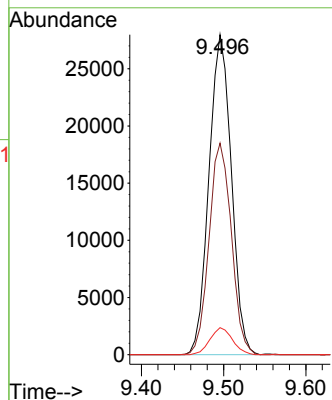
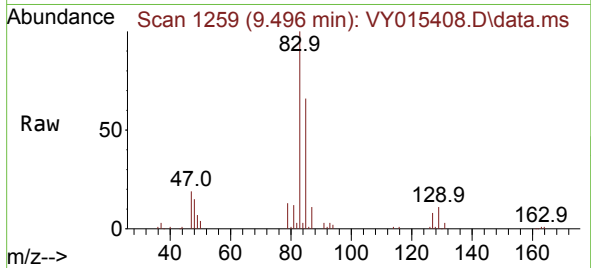




#47
Bromodichloromethane
Concen: 19.924 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

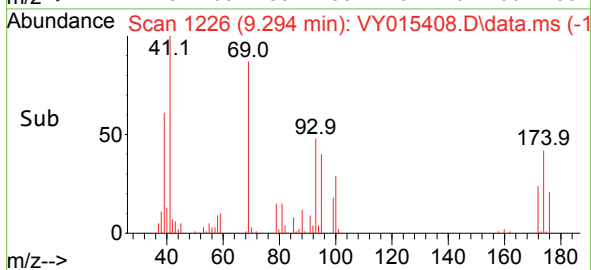
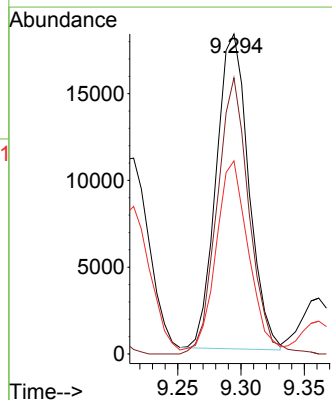
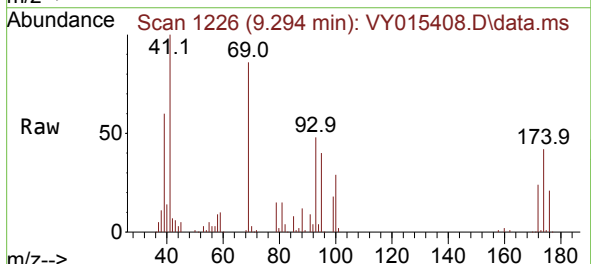
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

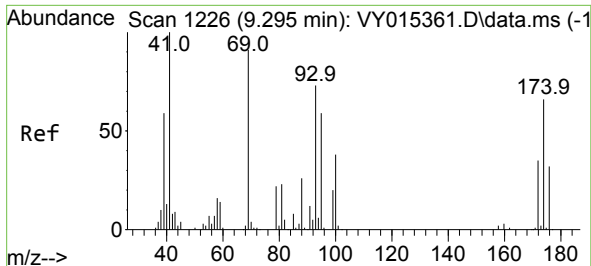
Tgt Ion: 83 Resp: 52895
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 19.944 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 41 Resp: 32428
Ion Ratio Lower Upper
41 100
69 86.6 64.5 96.7
39 61.2 50.8 76.2





#49

1,4-Dioxane

Concen: 399.884 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

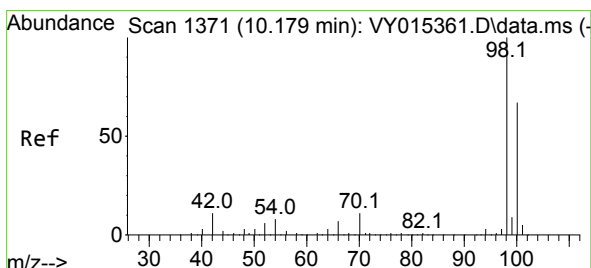
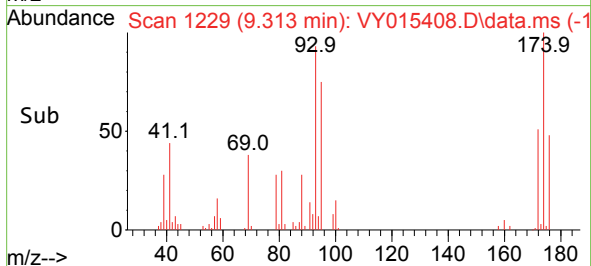
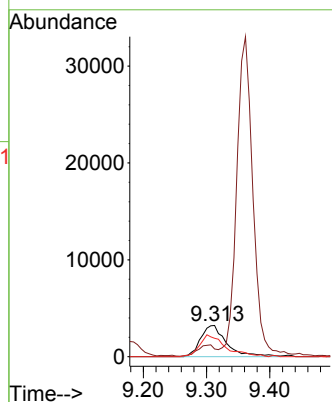
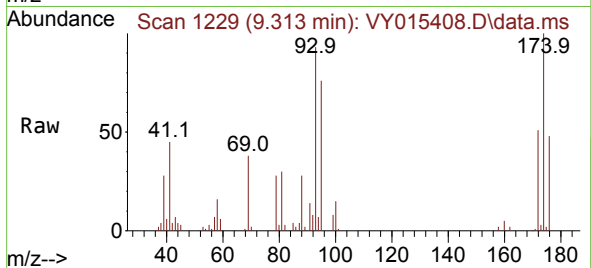
Tgt Ion: 88 Resp: 9221

Ion Ratio Lower Upper

88 100

43 25.1 0.0 0.0#

58 70.0 30.9 46.3#



#50

Toluene-d8

Concen: 44.886 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015408.D

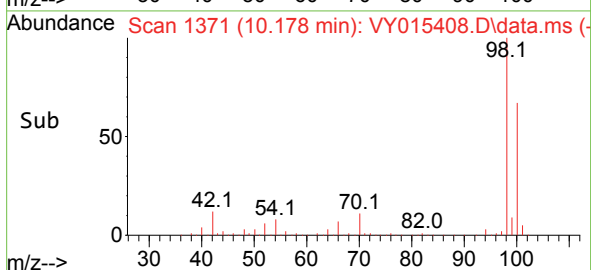
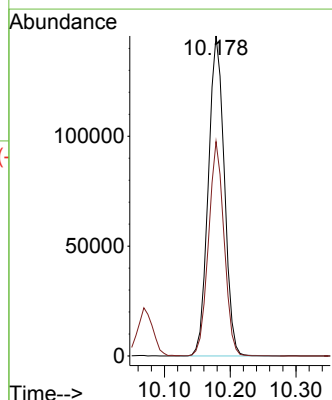
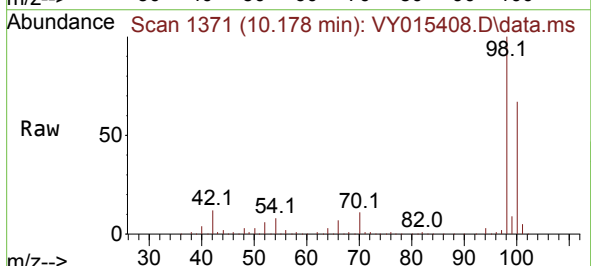
Acq: 01 Sep 2023 12:07

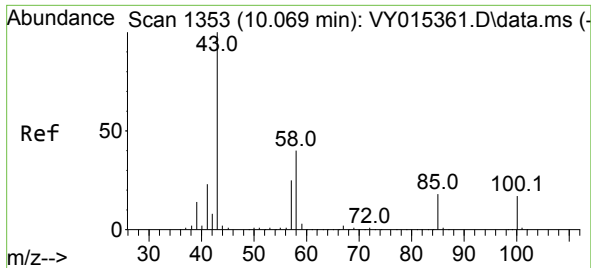
Tgt Ion: 98 Resp: 245992

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

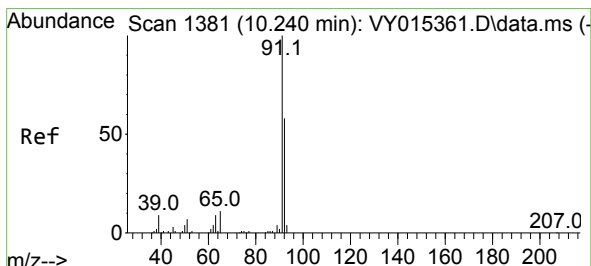
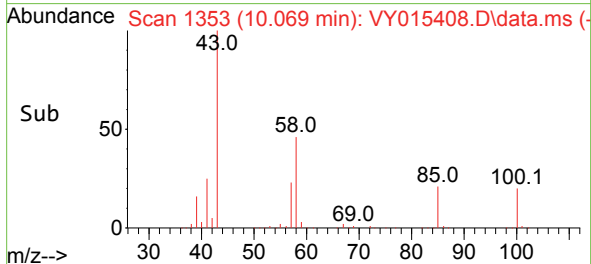
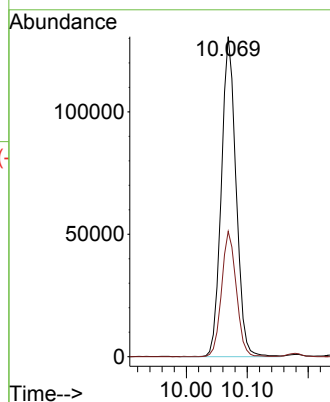
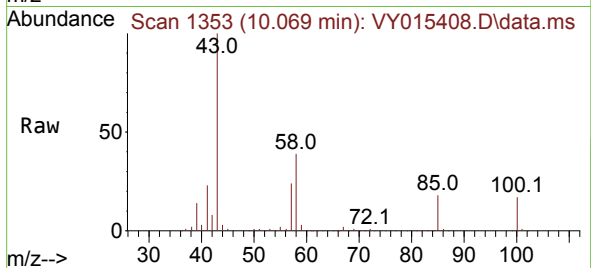




#51
4-Methyl-2-Pentanone
Concen: 106.744 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

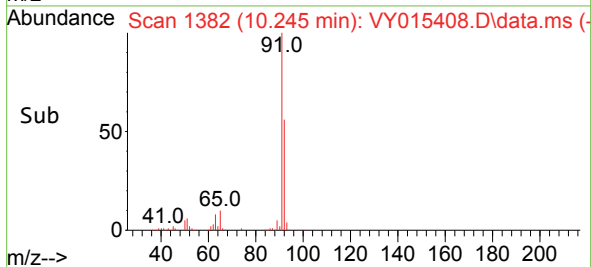
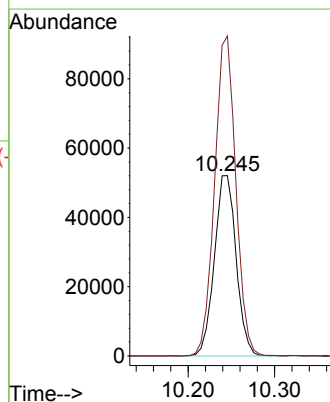
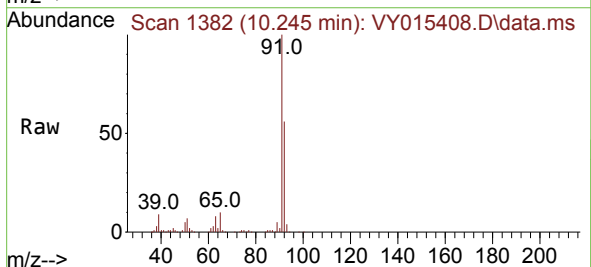
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

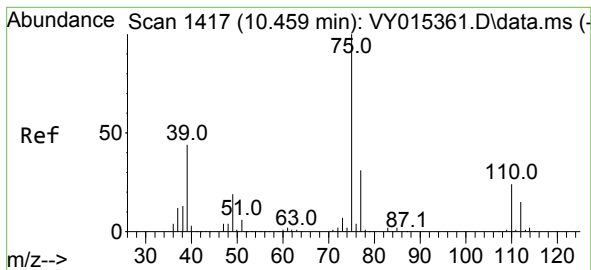
Tgt Ion: 43 Resp: 219869
Ion Ratio Lower Upper
43 100
58 39.2 29.0 43.6



#52
Toluene
Concen: 19.113 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 92 Resp: 90821
Ion Ratio Lower Upper
92 100
91 173.0 143.8 215.6

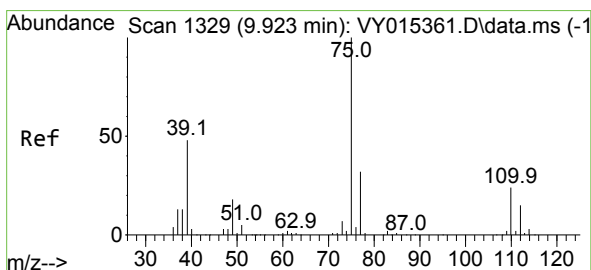
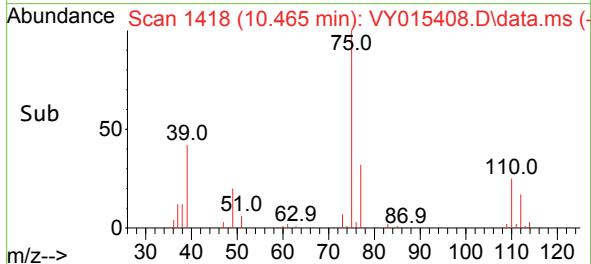
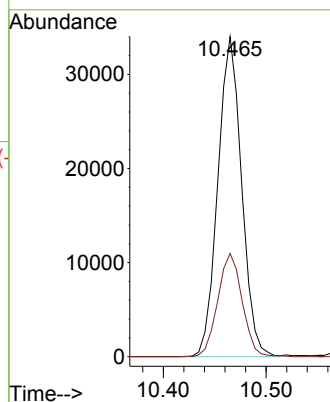
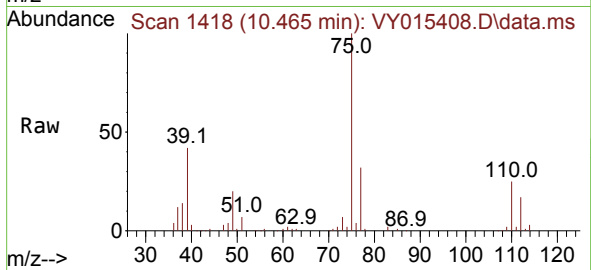




#53
 t-1,3-Dichloropropene
 Concen: 19.291 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

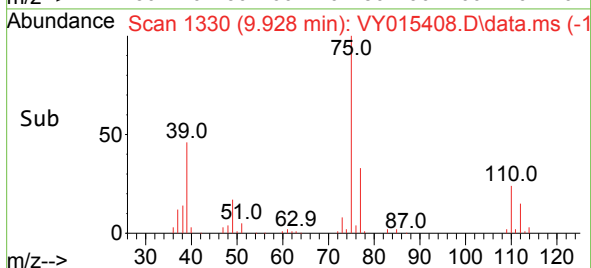
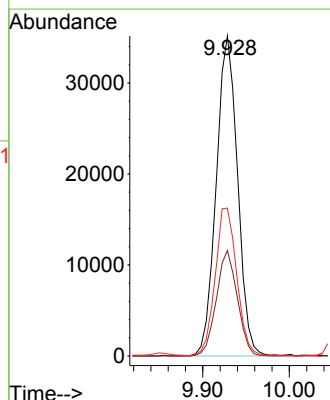
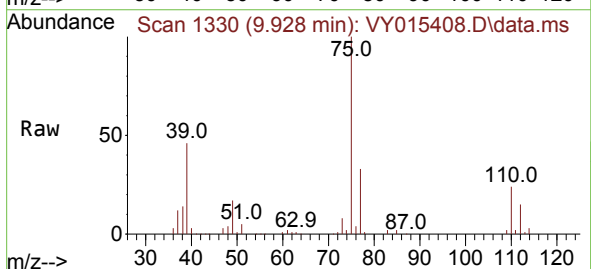
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBSD01

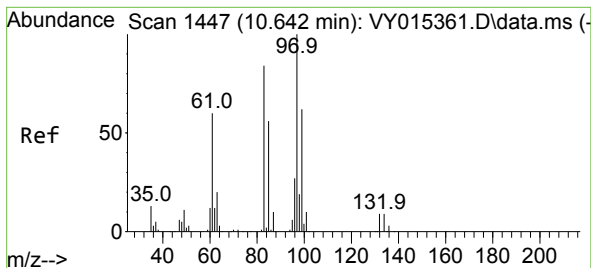
Tgt Ion: 75 Resp: 54430
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.603 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

Tgt Ion: 75 Resp: 60164
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.2 36.4
 39 46.0 42.2 63.4

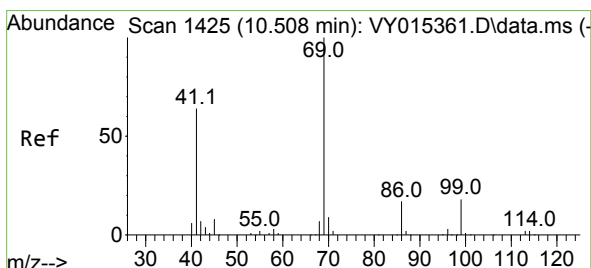
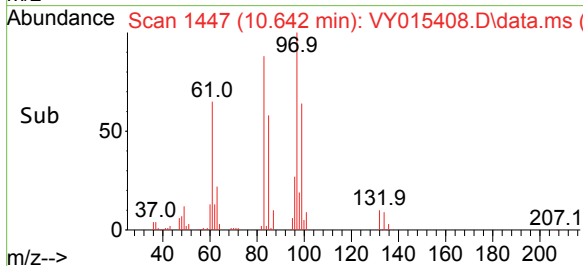
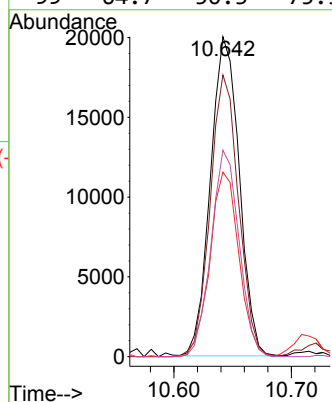
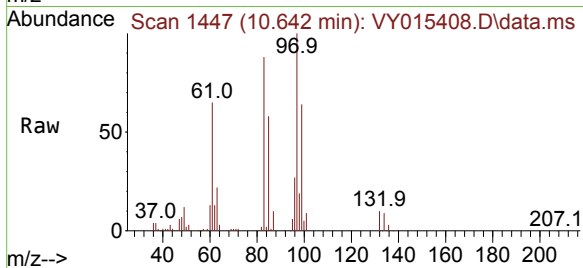




#55
1,1,2-Trichloroethane
Concen: 20.362 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

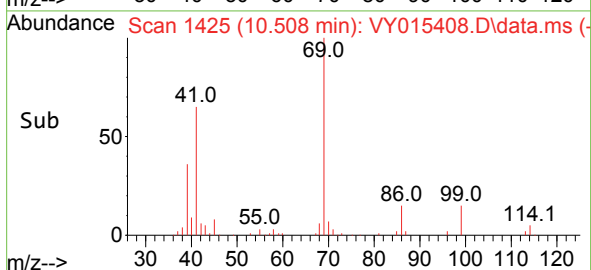
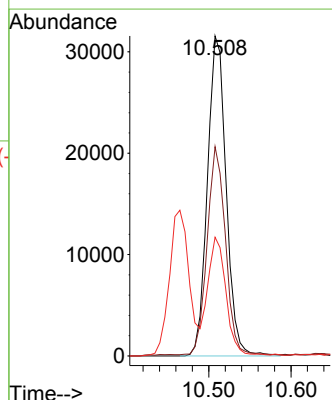
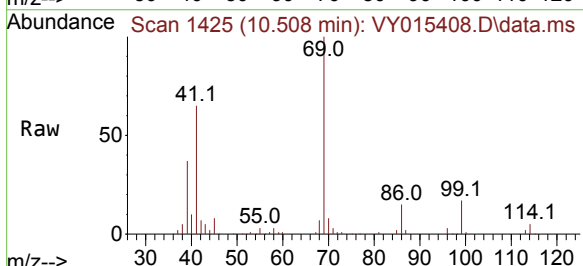
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

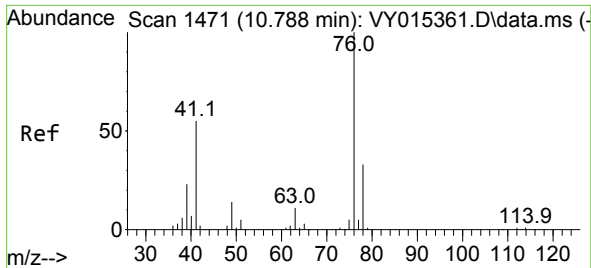
Tgt Ion:	97	Resp:	34060
Ion	Ratio	Lower	Upper
97	100		
83	88.0	72.0	108.0
85	57.8	45.4	68.0
99	64.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.178 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:	69	Resp:	50017
Ion	Ratio	Lower	Upper
69	100		
41	64.2	57.6	86.4
39	35.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.350 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

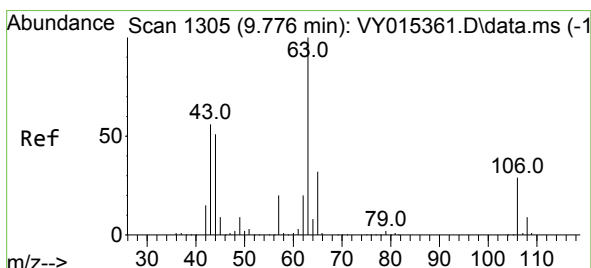
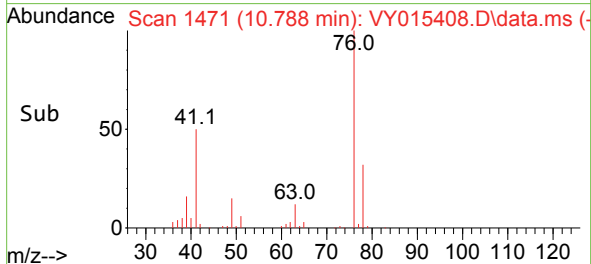
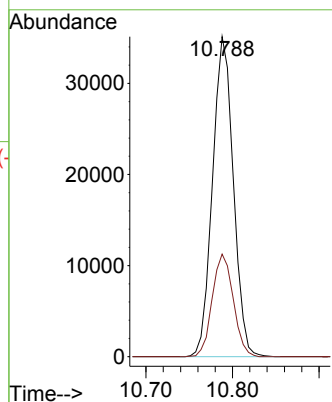
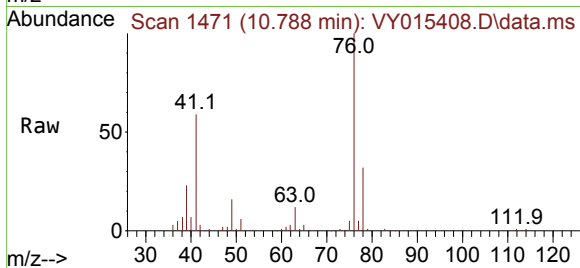
VY0901SBSD01

Tgt Ion: 76 Resp: 58596

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 102.269 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015408.D

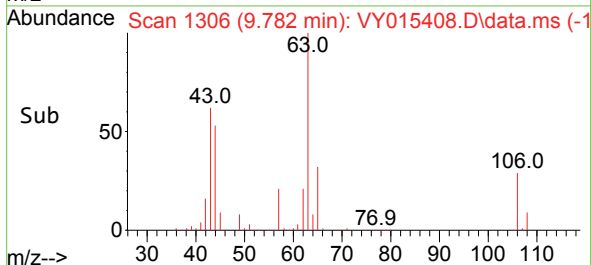
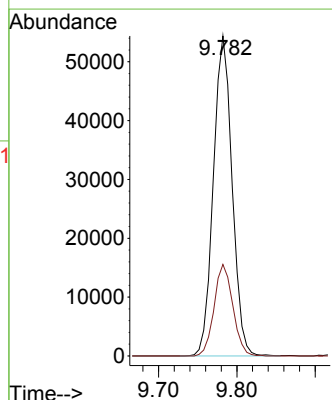
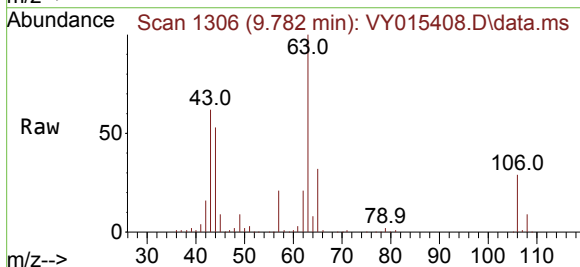
Acq: 01 Sep 2023 12:07

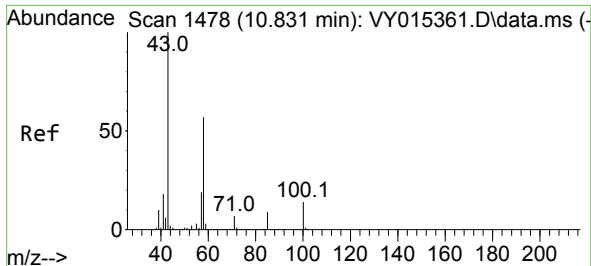
Tgt Ion: 63 Resp: 90485

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8

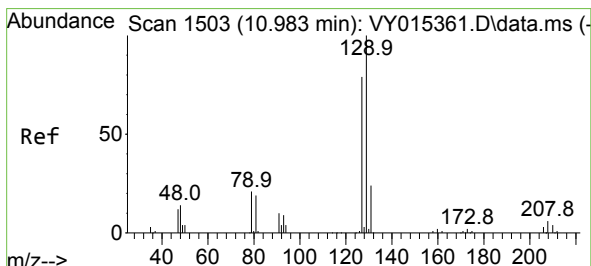
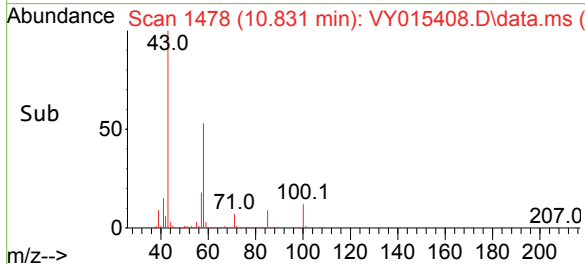
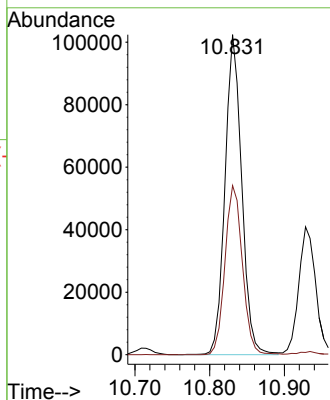
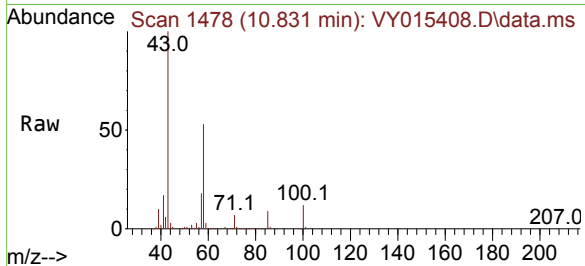




#59
2-Hexanone
Concen: 103.057 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

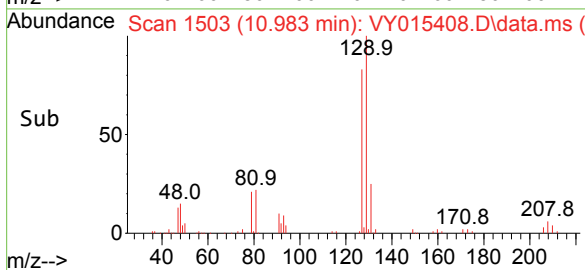
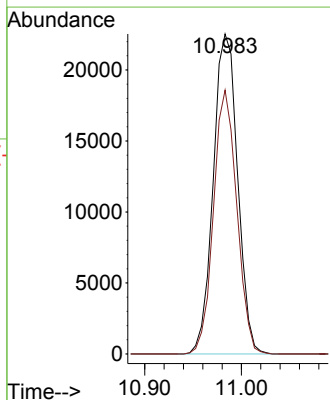
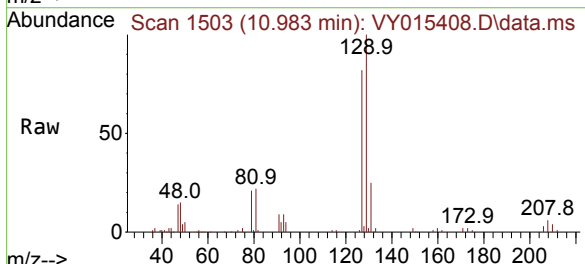
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

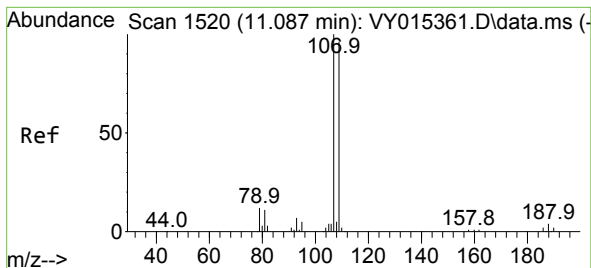
Tgt Ion: 43 Resp: 159279
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3



#60
Dibromochloromethane
Concen: 20.136 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 129 Resp: 39424
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

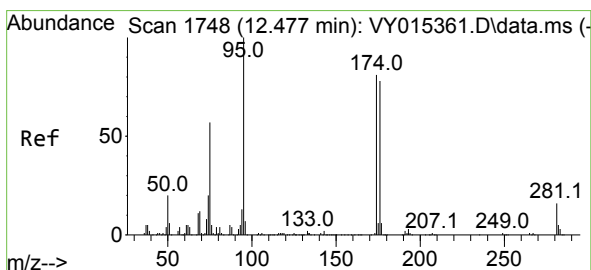
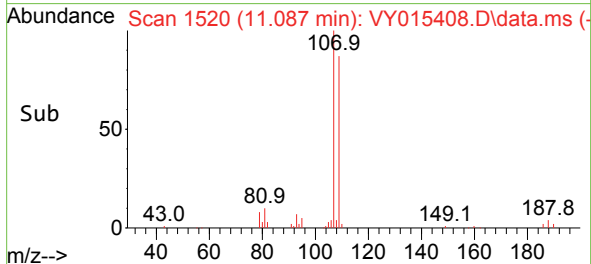
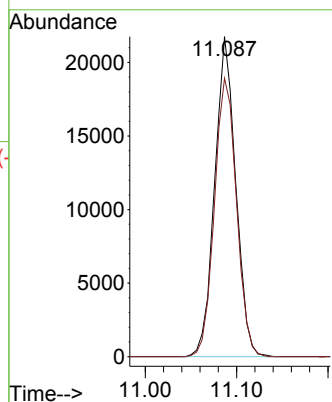
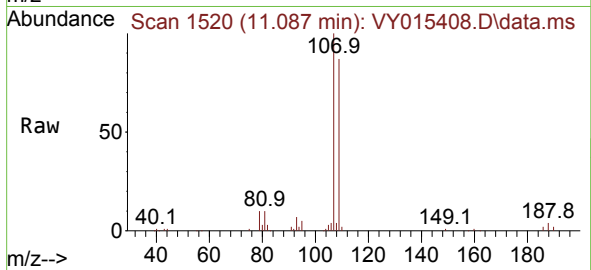




#61
1,2-Dibromoethane
Concen: 20.502 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

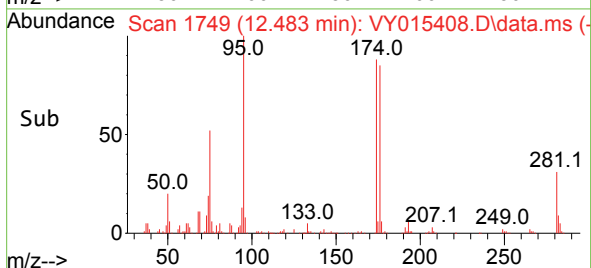
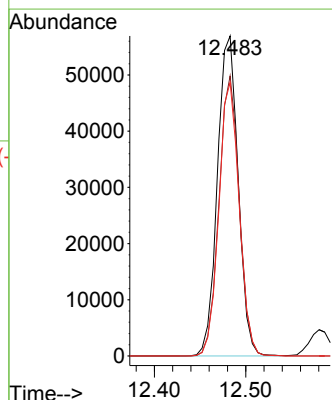
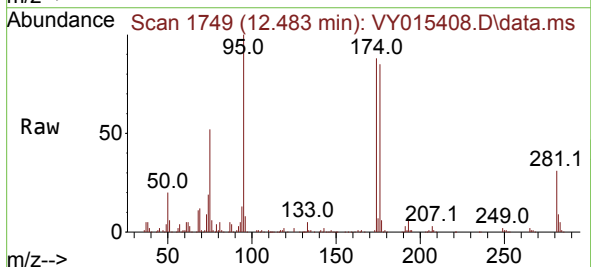
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

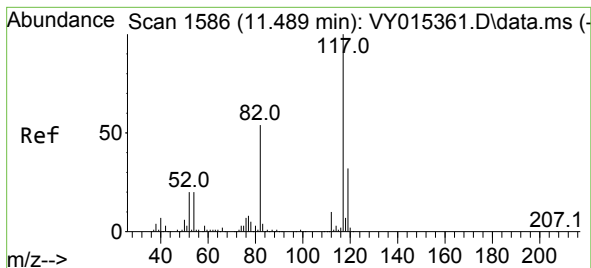
Tgt Ion:107 Resp: 34749
Ion Ratio Lower Upper
107 100
109 91.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 95 Resp: 89783
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.6 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: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

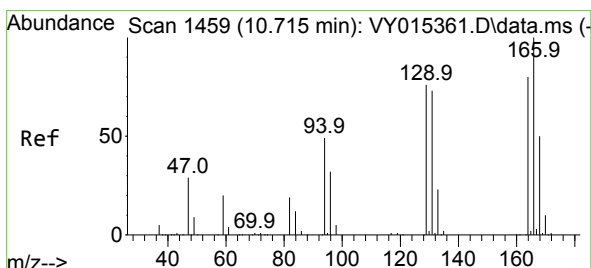
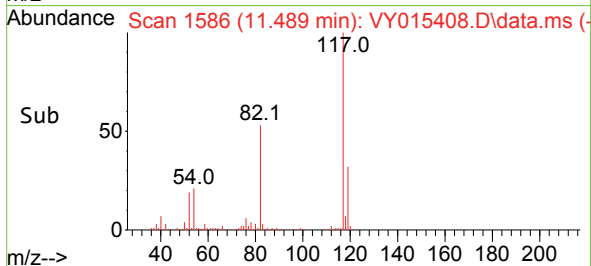
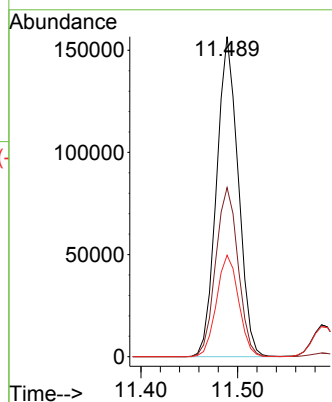
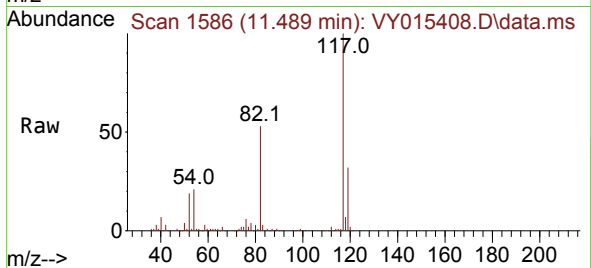
Tgt Ion:117 Resp: 243387

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 20.680 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Tgt Ion:164 Resp: 45686

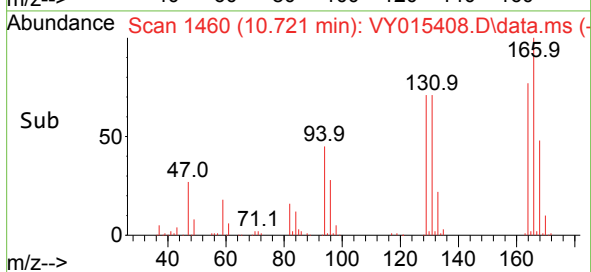
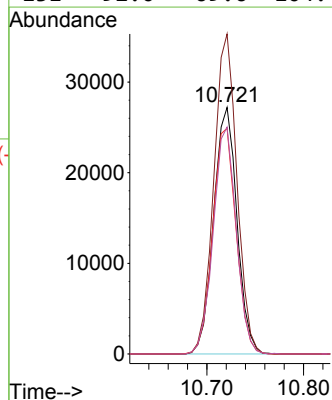
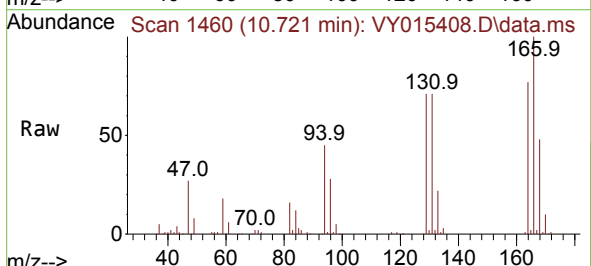
Ion Ratio Lower Upper

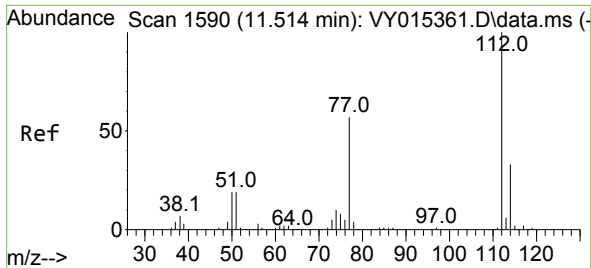
164 100

166 129.8 103.0 154.6

129 91.5 77.2 115.8

131 92.0 69.6 104.4

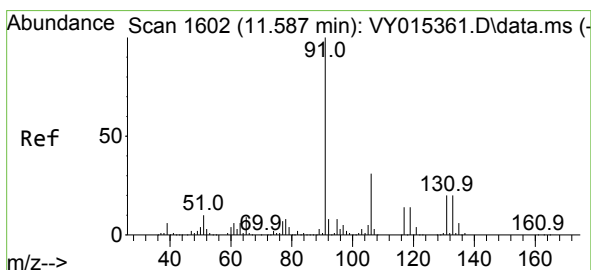
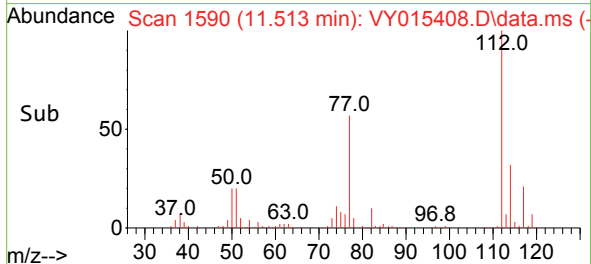
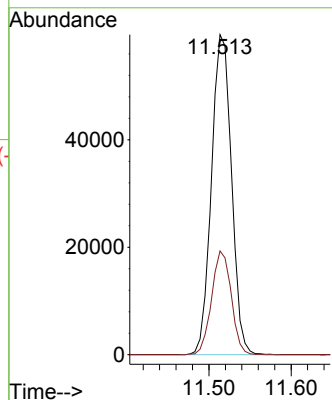
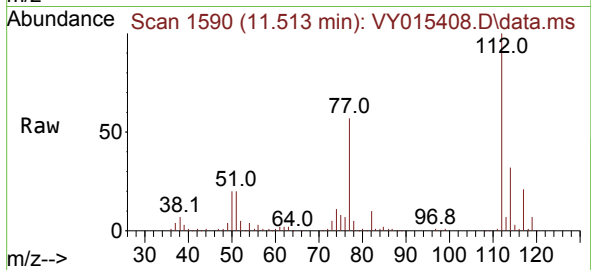




#65
Chlorobenzene
Concen: 19.210 ug/l
RT: 11.513 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

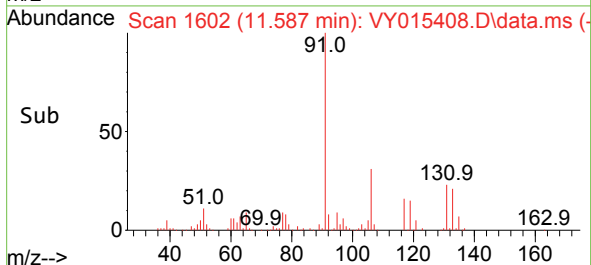
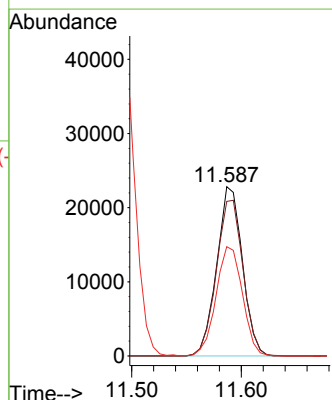
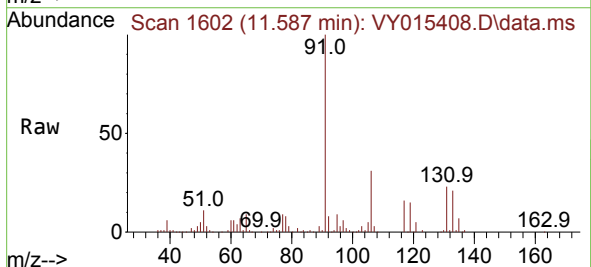
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

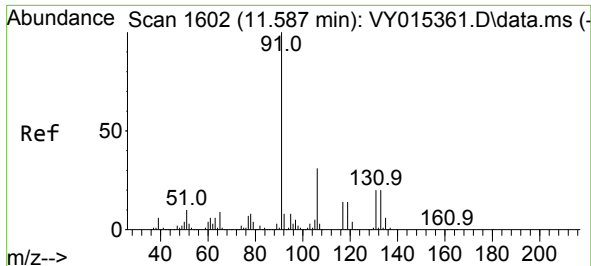
Tgt Ion:112 Resp: 100752
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.370 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:131 Resp: 37184
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 66.4 31.6 94.7

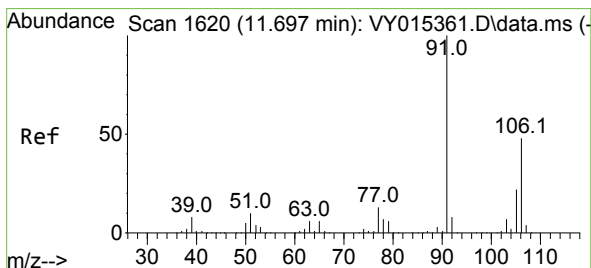
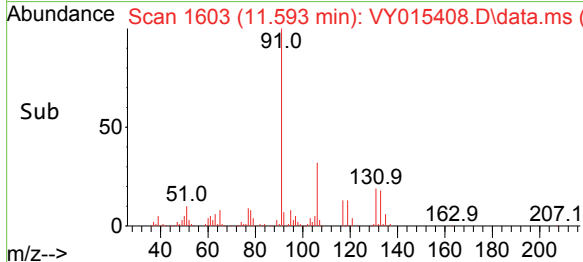
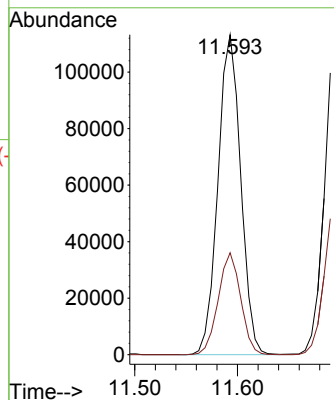
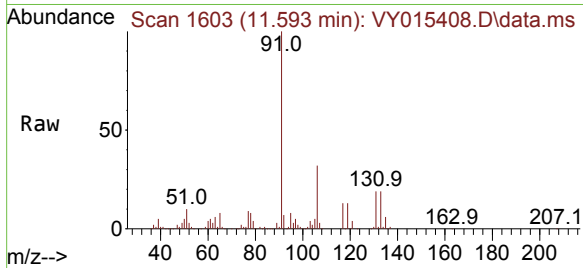




#67
Ethyl Benzene
Concen: 18.472 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

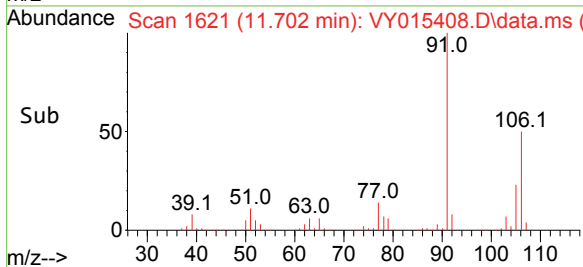
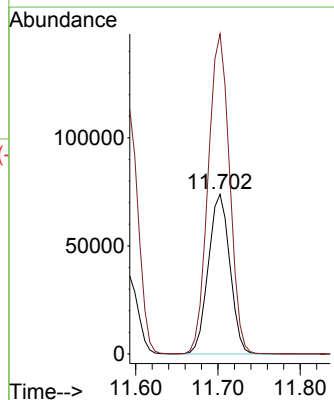
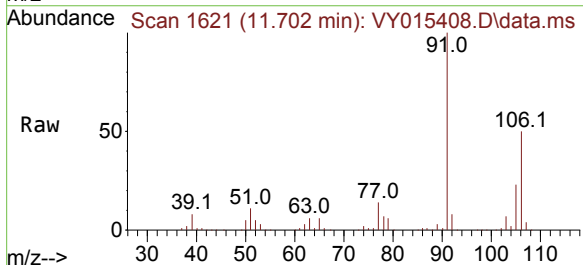
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

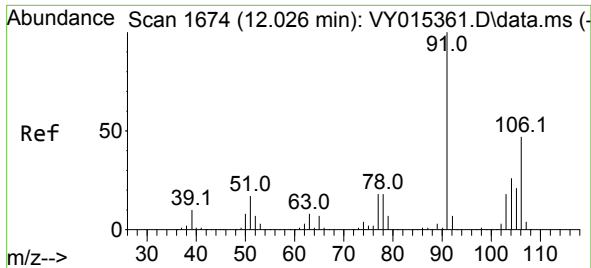
Tgt Ion: 91 Resp: 173957
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 36.890 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:106 Resp: 134664
Ion Ratio Lower Upper
106 100
91 199.6 166.1 249.1

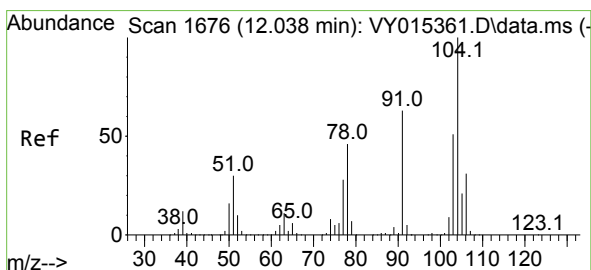
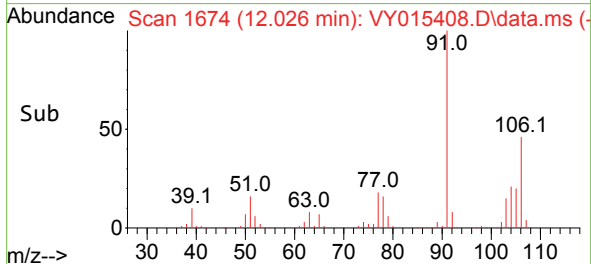
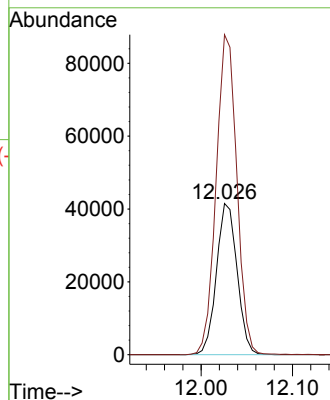
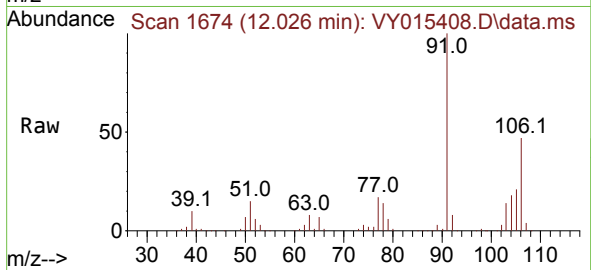




#69
o-Xylene
Concen: 18.682 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

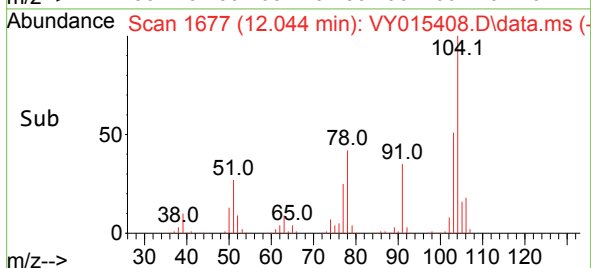
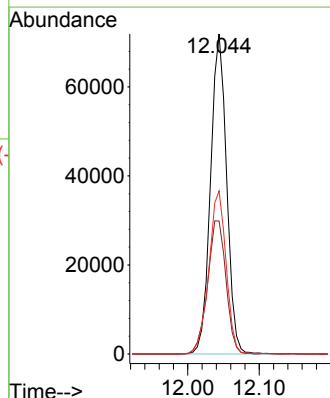
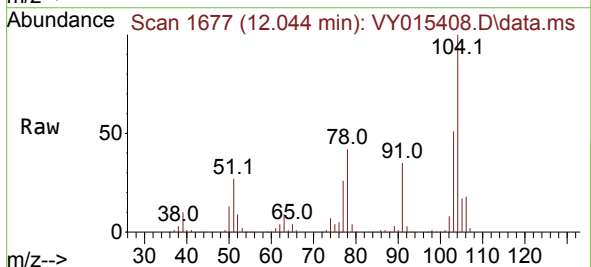
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

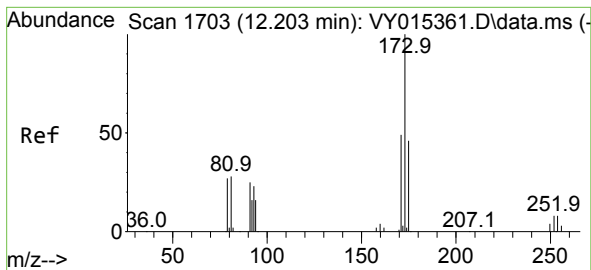
Tgt Ion:106 Resp: 65174
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3



#70
Styrene
Concen: 19.133 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion:104 Resp: 112230
Ion Ratio Lower Upper
104 100
78 47.7 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 20.164 ug/l

RT: 12.208 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBS01

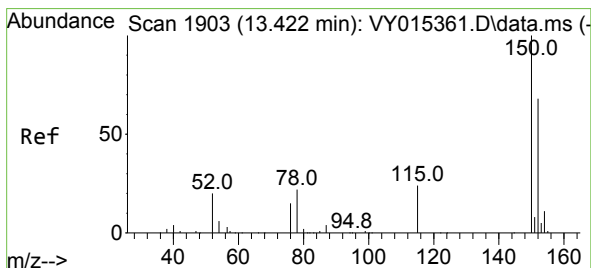
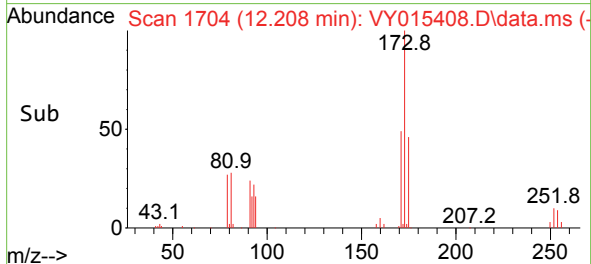
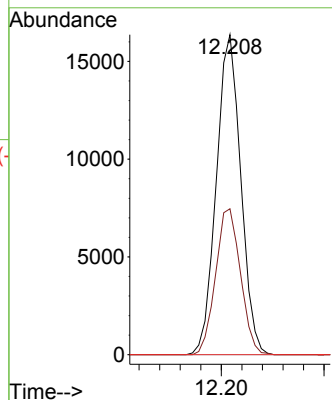
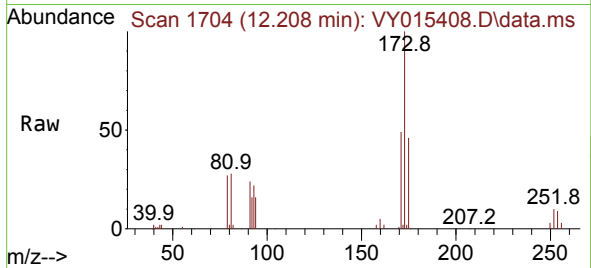
Tgt Ion:173 Resp: 27001

Ion Ratio Lower Upper

173 100

175 46.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

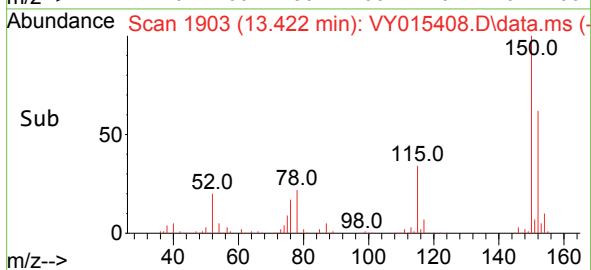
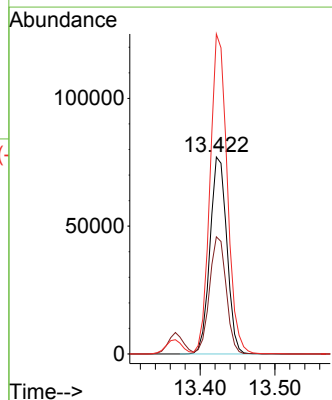
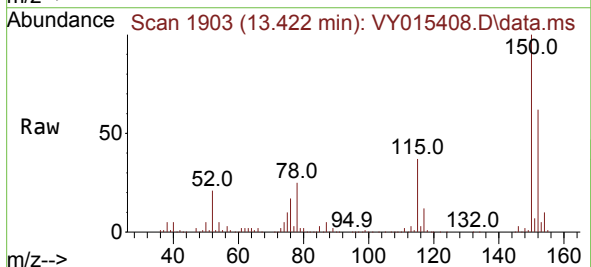
Tgt Ion:152 Resp: 121020

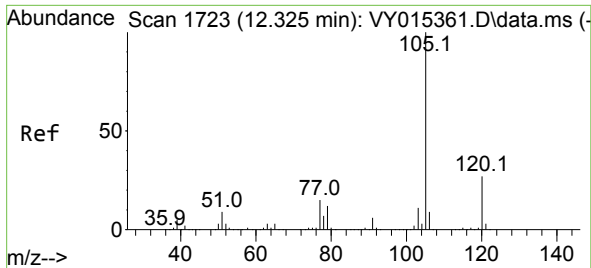
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 165.6 0.0 348.8

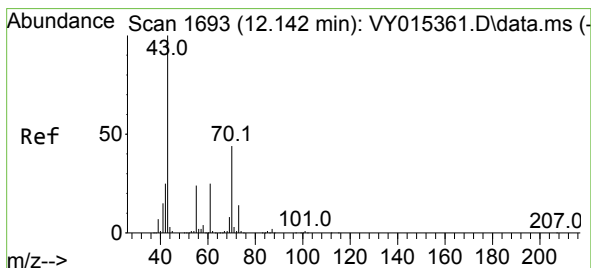
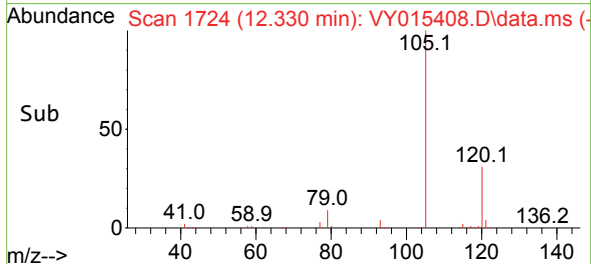
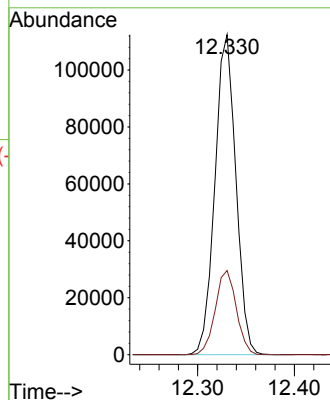
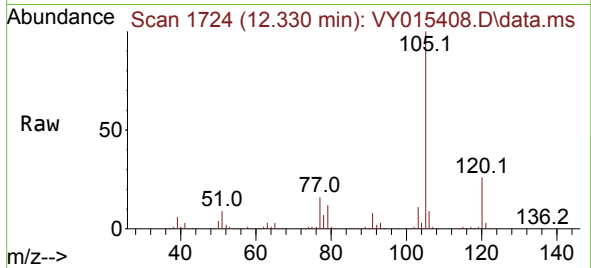




#73
Isopropylbenzene
Concen: 18.586 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

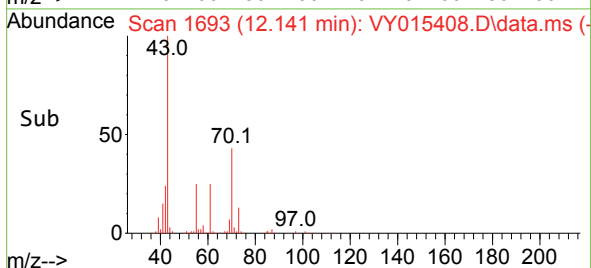
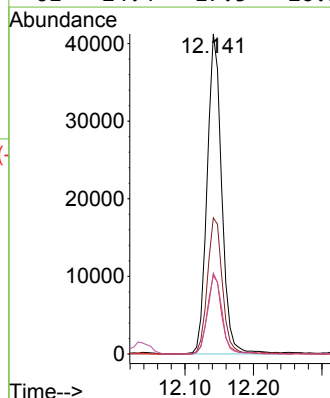
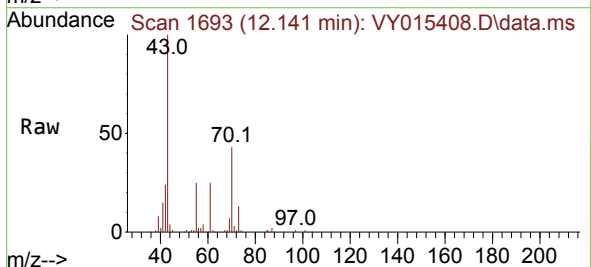
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

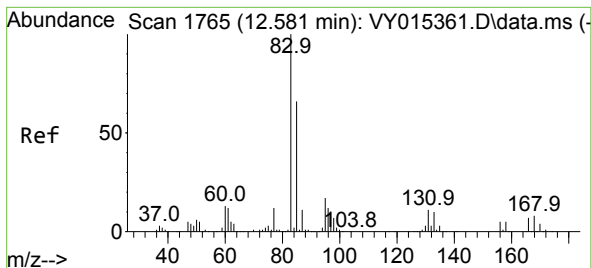
Tgt Ion:105 Resp: 168947
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 20.066 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 43 Resp: 61280
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 24.5 18.3 27.5
61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.554 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

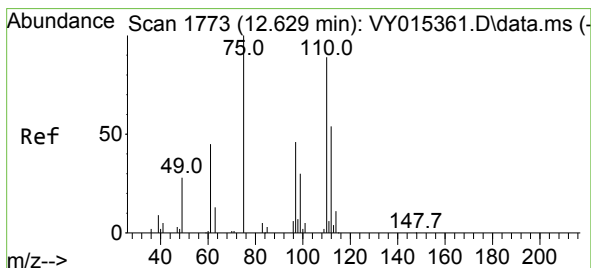
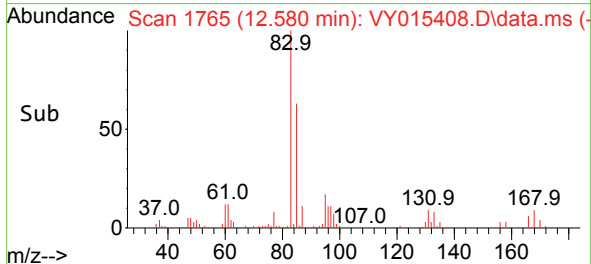
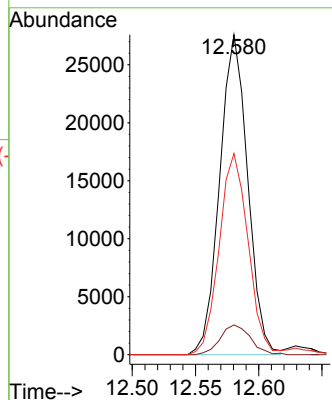
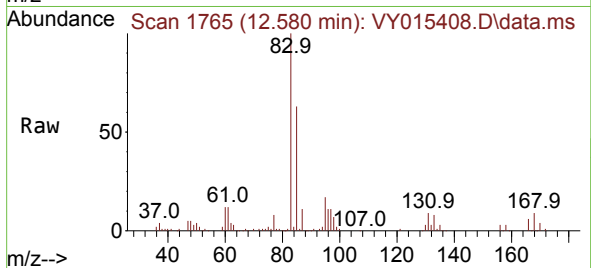
Tgt Ion: 83 Resp: 42432

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.499 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015408.D

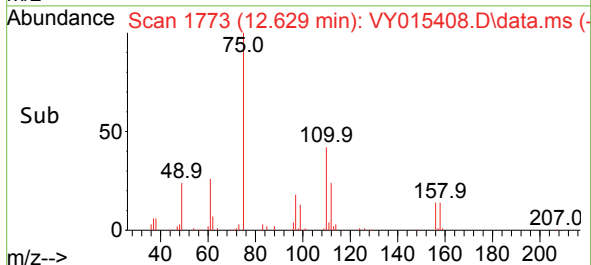
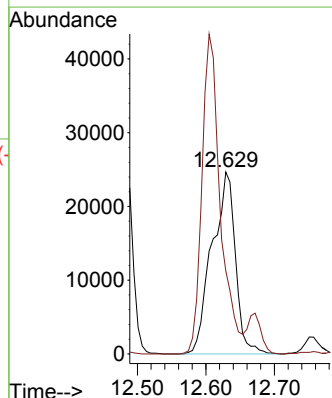
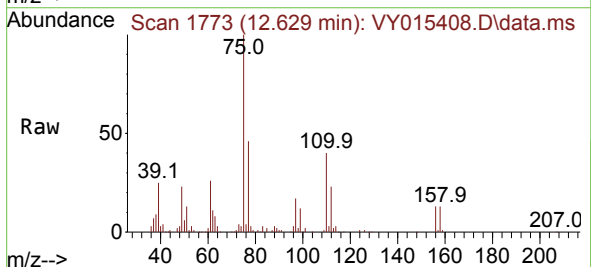
Acq: 01 Sep 2023 12:07

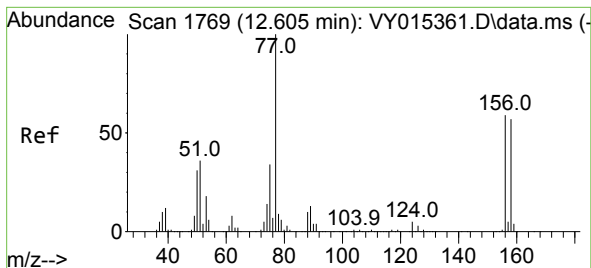
Tgt Ion: 75 Resp: 58575

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.585 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

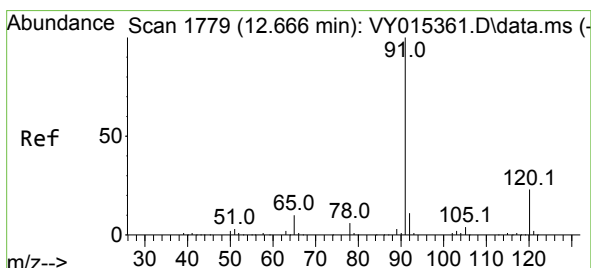
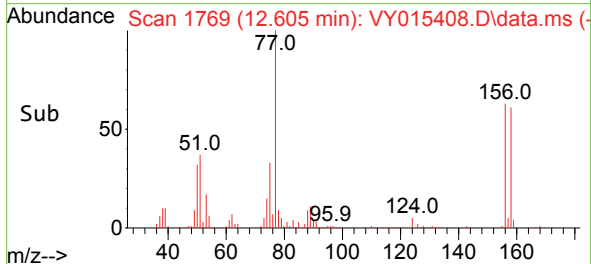
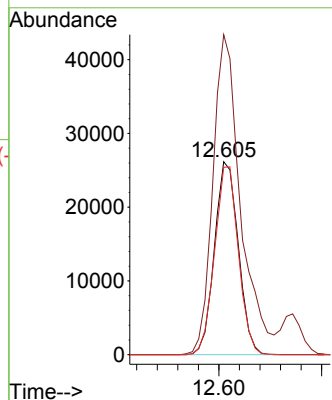
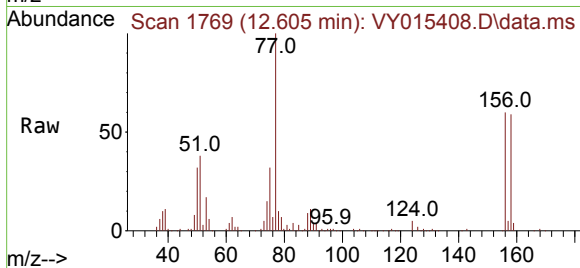
Tgt Ion:156 Resp: 42166

Ion Ratio Lower Upper

156 100

77 192.3 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 18.481 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015408.D

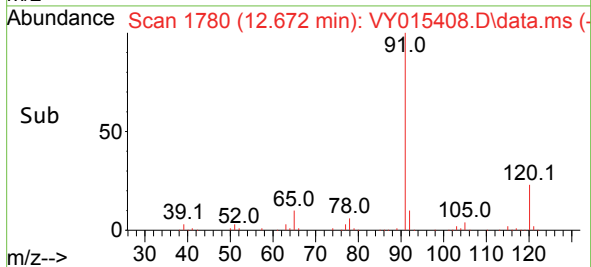
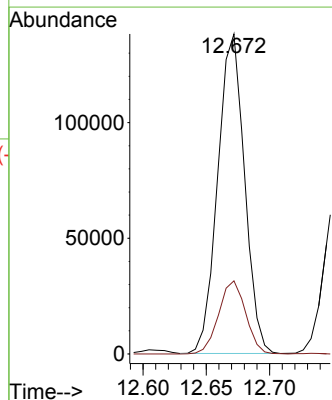
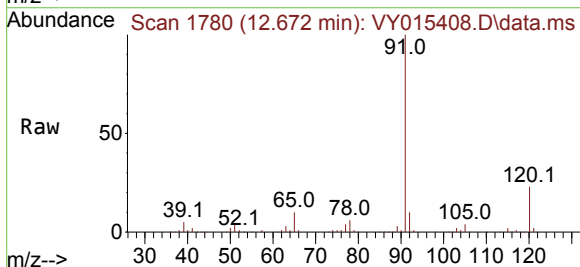
Acq: 01 Sep 2023 12:07

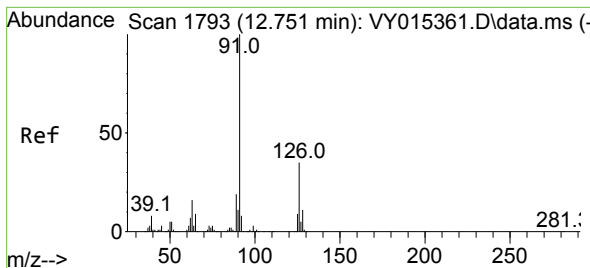
Tgt Ion: 91 Resp: 203280

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

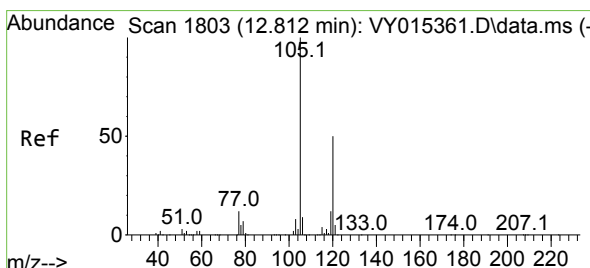
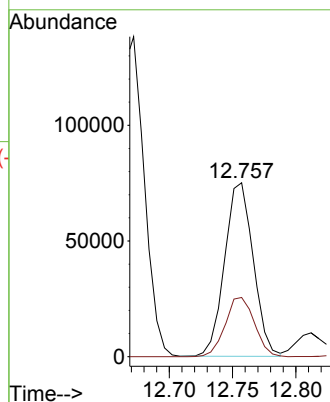
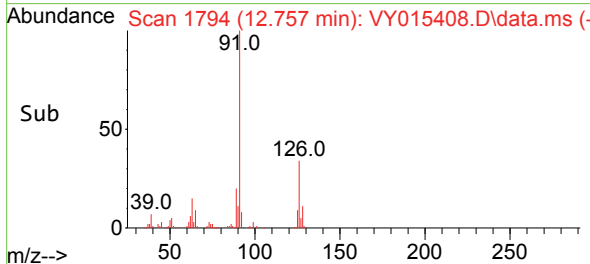
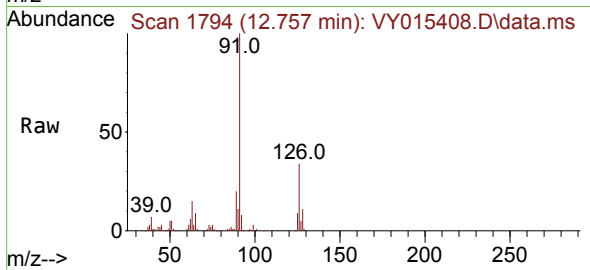




#79
2-Chlorotoluene
Concen: 19.157 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

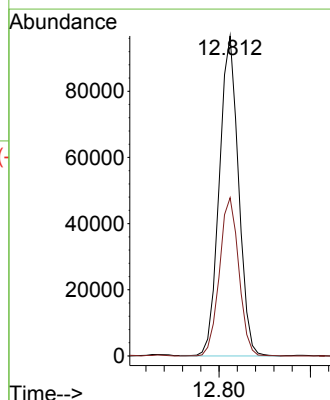
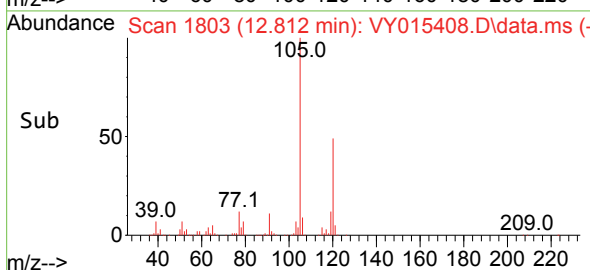
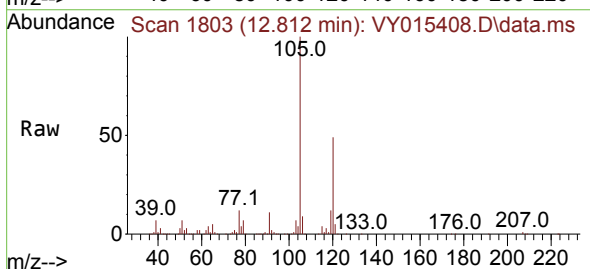
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

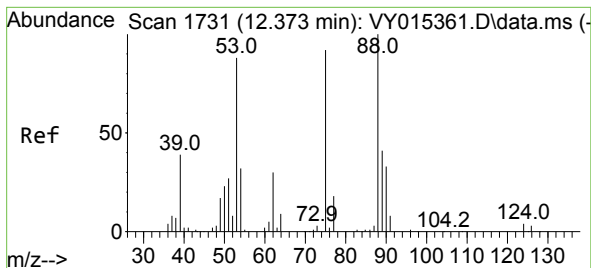
Tgt Ion: 91 Resp: 118190
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.582 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 105 Resp: 141284
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

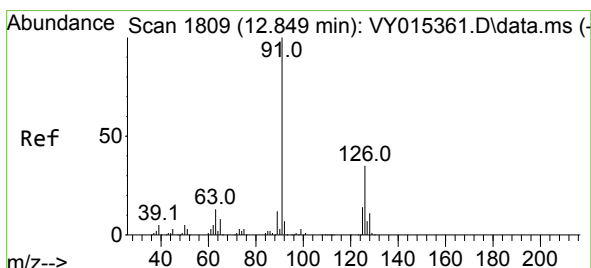
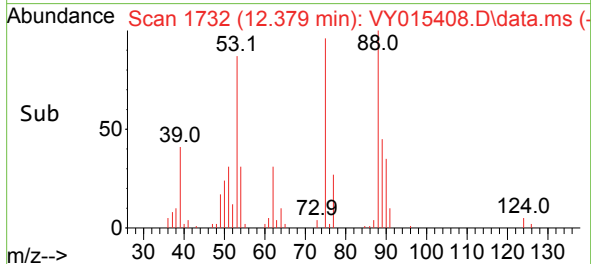
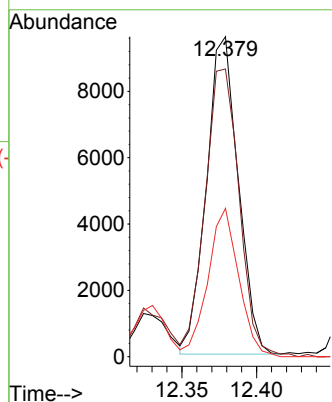
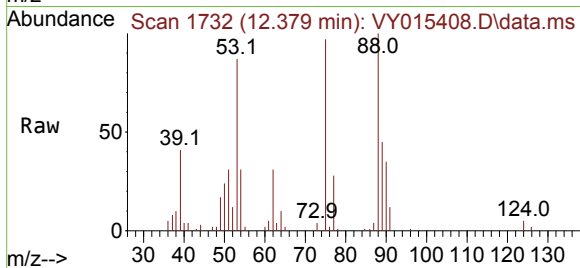




#81
trans-1,4-Dichloro-2-butene
Concen: 19.499 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

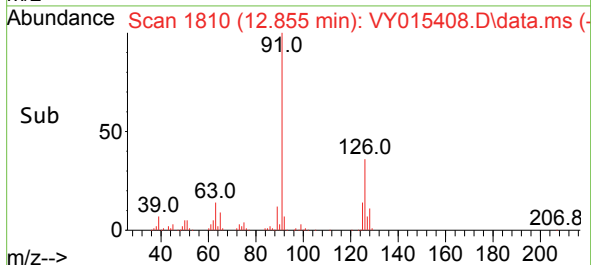
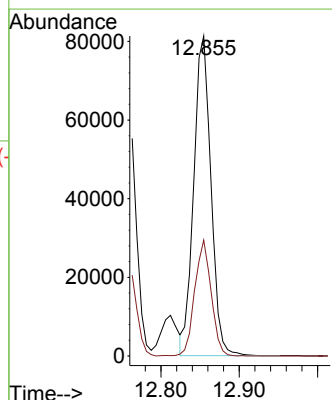
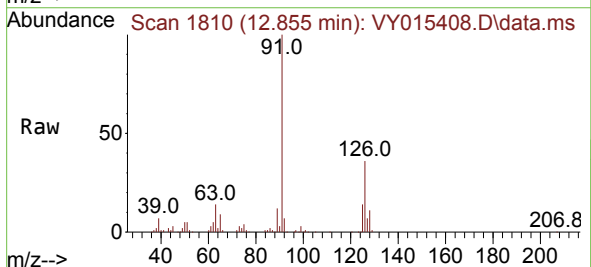
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBSD01

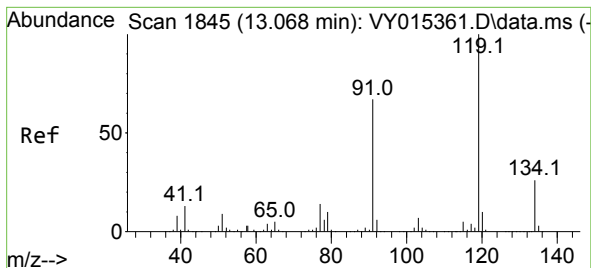
Tgt Ion: 75 Resp: 14186
Ion Ratio Lower Upper
75 100
53 97.2 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.407 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015408.D
Acq: 01 Sep 2023 12:07

Tgt Ion: 91 Resp: 124437
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.057 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

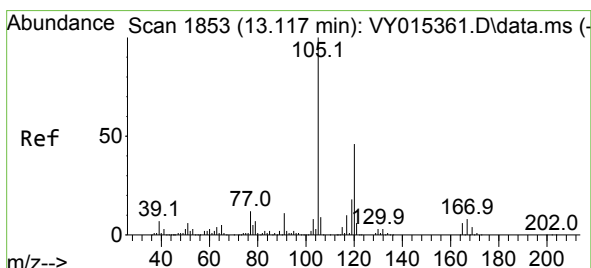
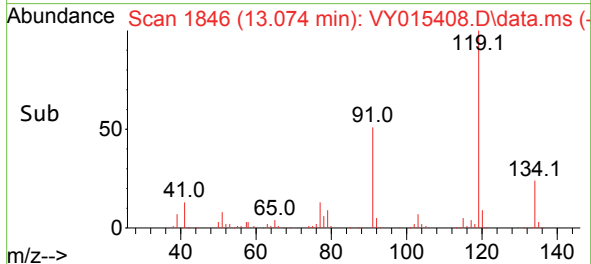
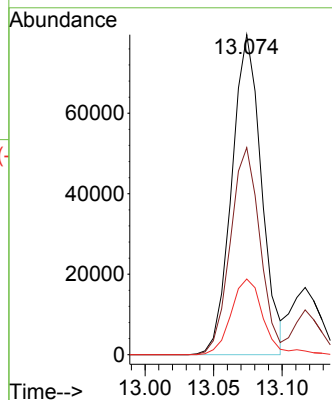
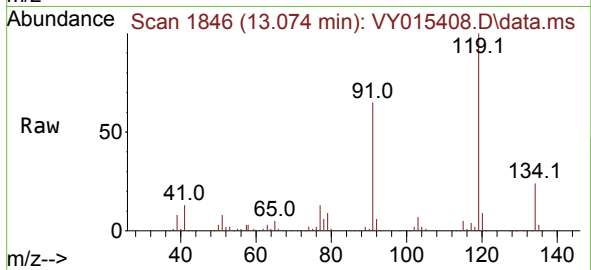
Tgt Ion:119 Resp: 120254

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.709 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015408.D

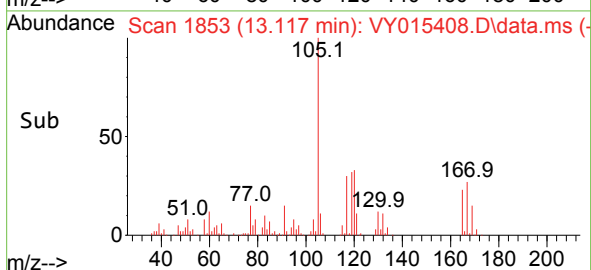
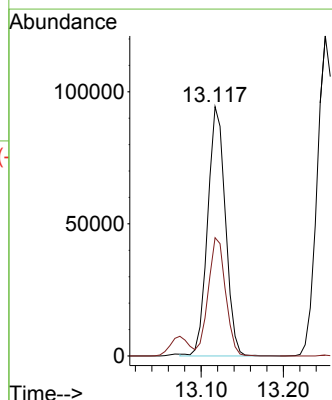
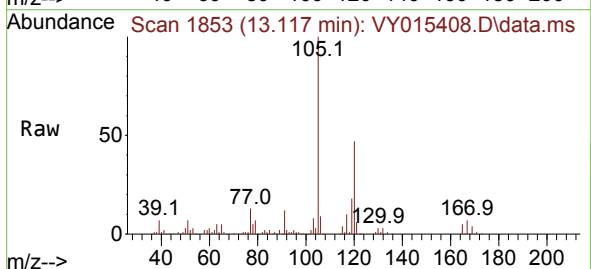
Acq: 01 Sep 2023 12:07

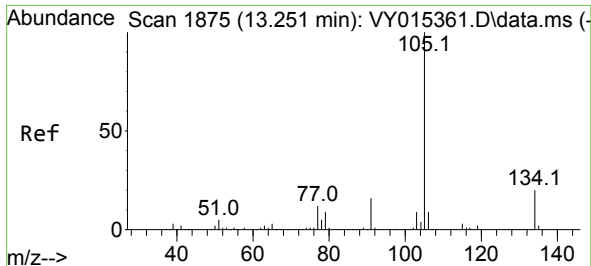
Tgt Ion:105 Resp: 141241

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6

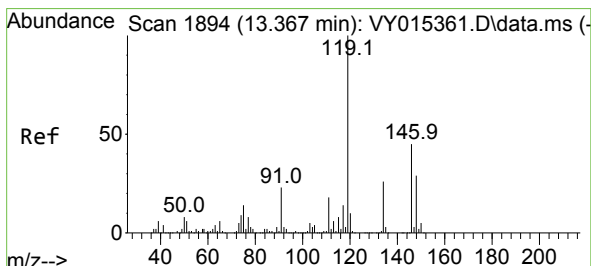
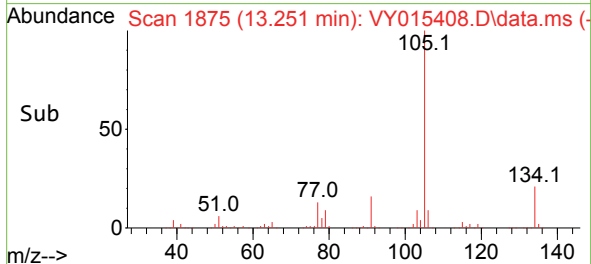
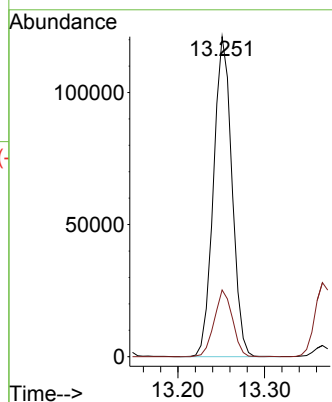
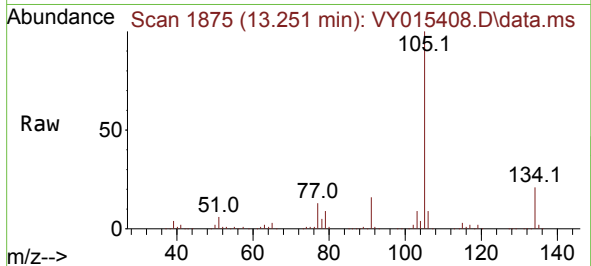




#85
 sec-Butylbenzene
 Concen: 18.043 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

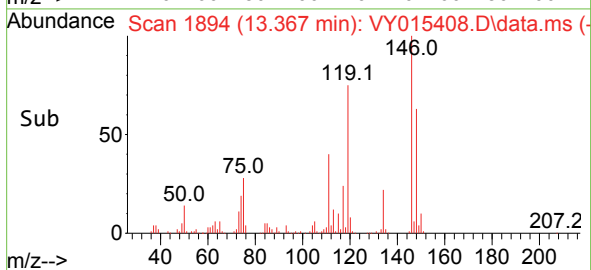
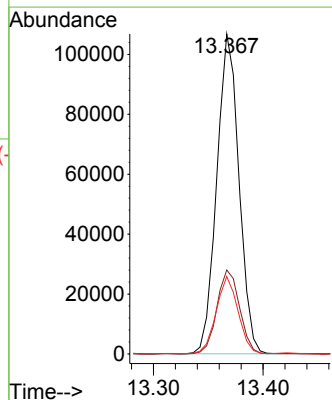
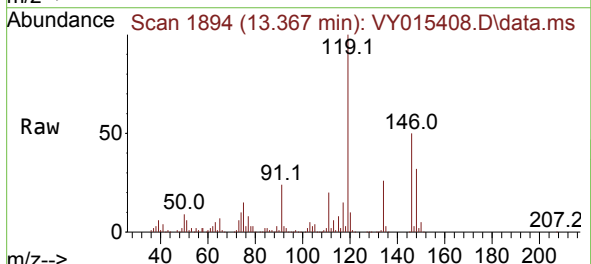
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBSD01

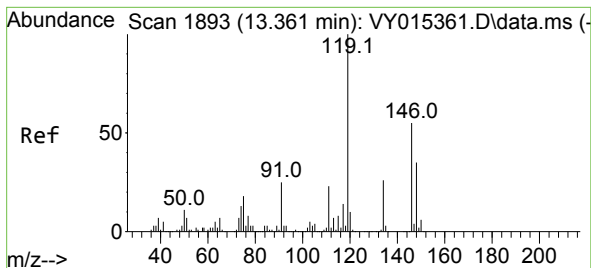
Tgt Ion:105 Resp: 179219
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 18.058 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015408.D
 Acq: 01 Sep 2023 12:07

Tgt Ion:119 Resp: 150331
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.564 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

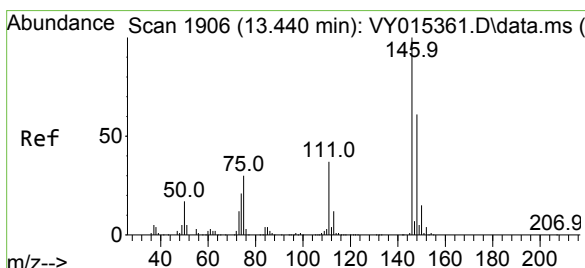
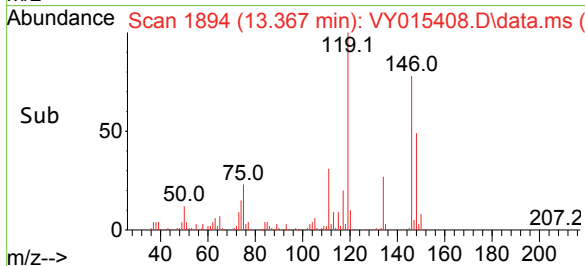
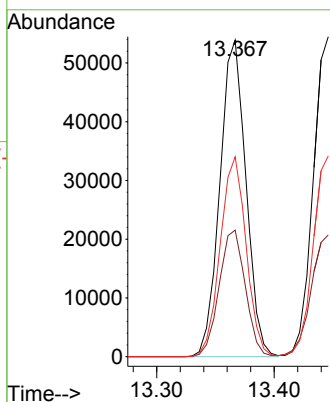
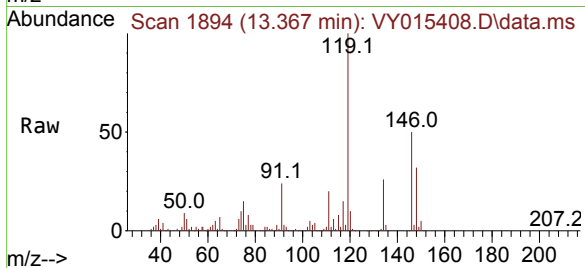
Tgt Ion:146 Resp: 83156

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.2

148 62.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.628 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

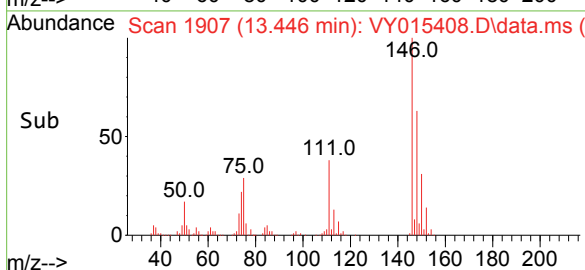
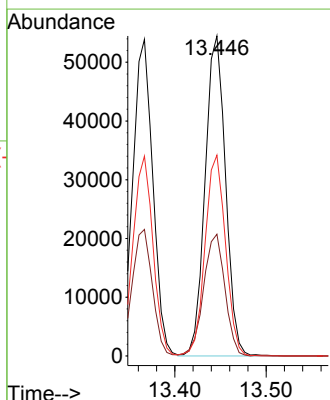
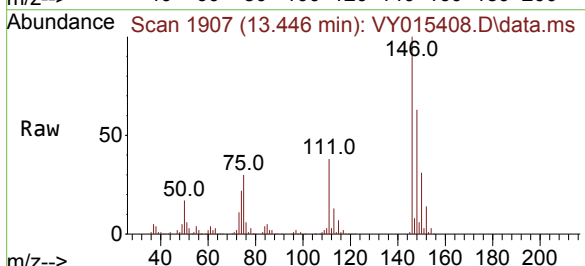
Tgt Ion:146 Resp: 84331

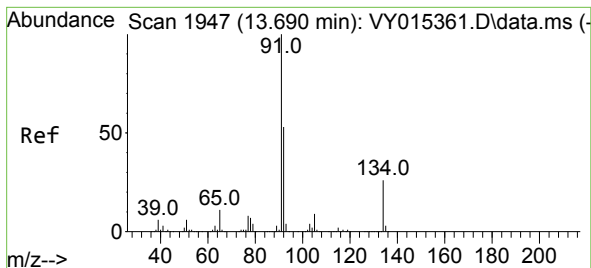
Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.7

148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 17.872 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

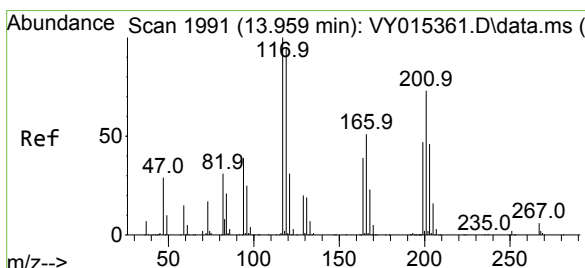
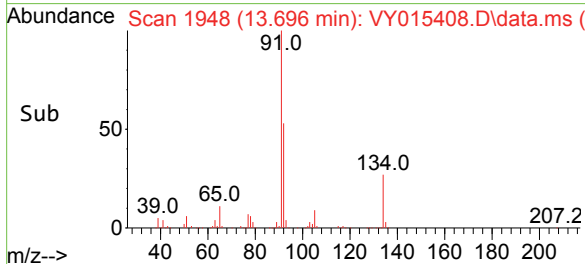
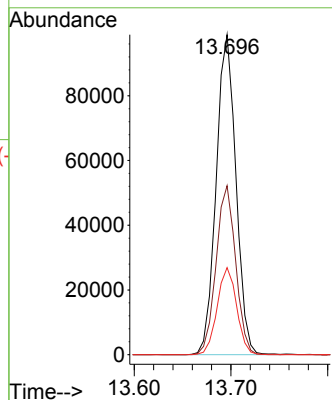
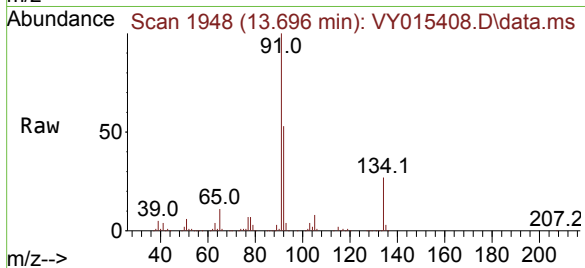
Tgt Ion: 91 Resp: 140037

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 18.312 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015408.D

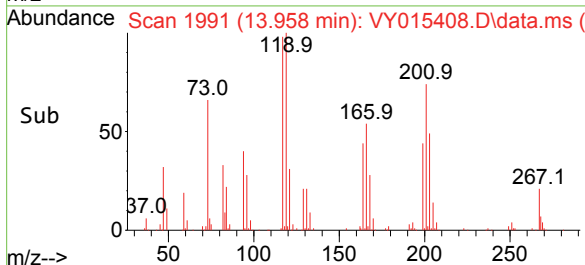
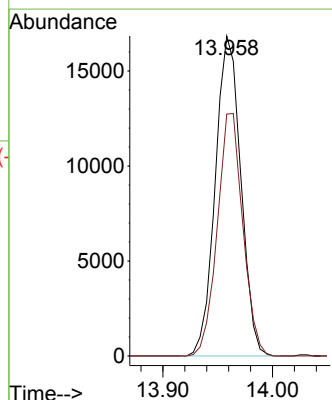
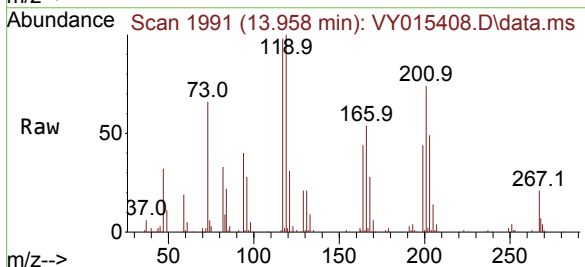
Acq: 01 Sep 2023 12:07

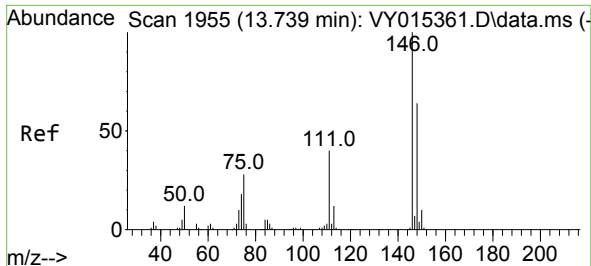
Tgt Ion: 117 Resp: 27265

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.268 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

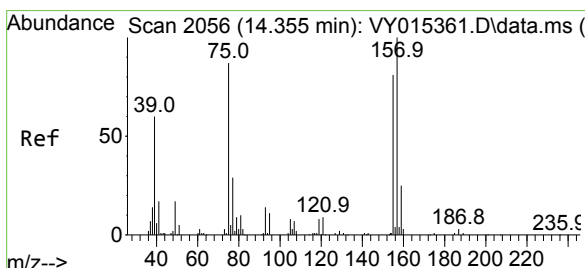
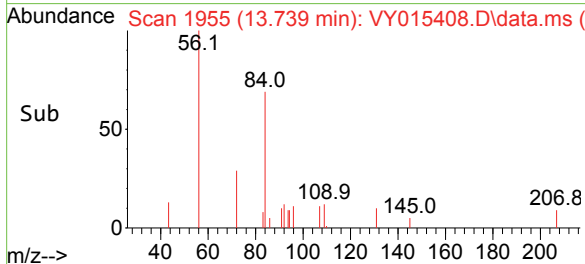
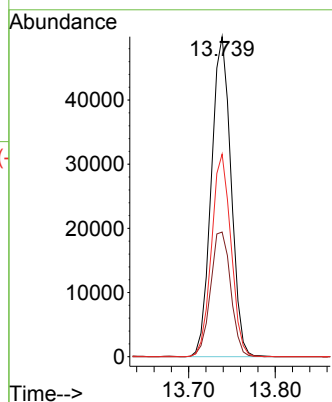
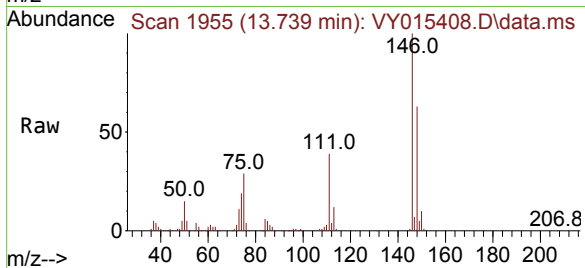
Tgt Ion:146 Resp: 78618

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 62.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.547 ug/l

RT: 14.354 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

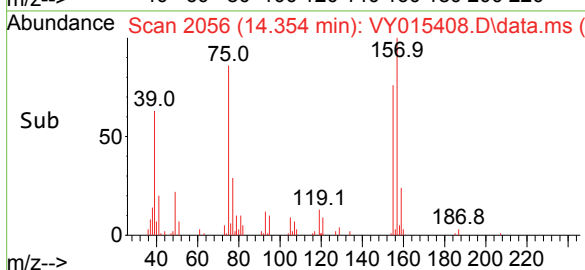
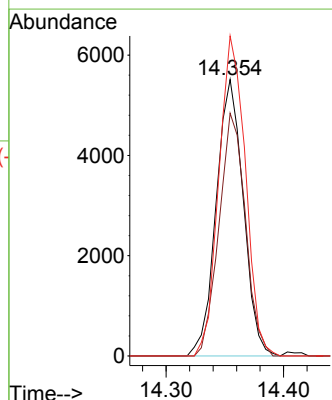
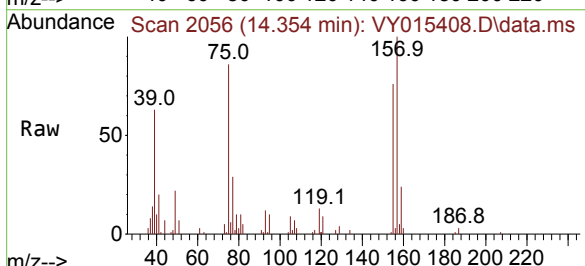
Tgt Ion: 75 Resp: 8820

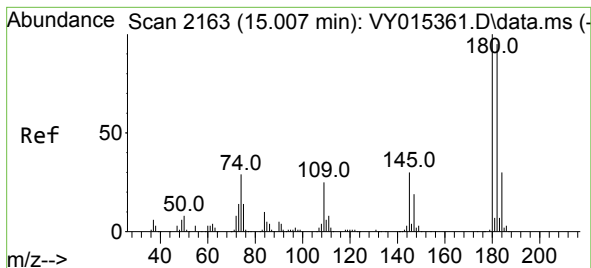
Ion Ratio Lower Upper

75 100

155 85.7 41.5 124.6

157 113.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.834 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

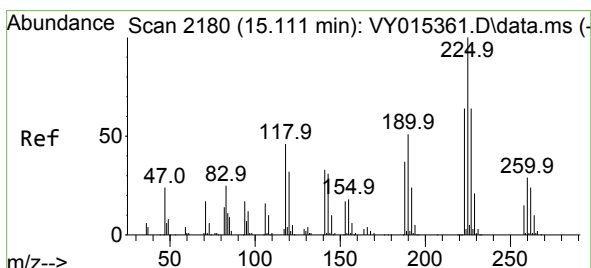
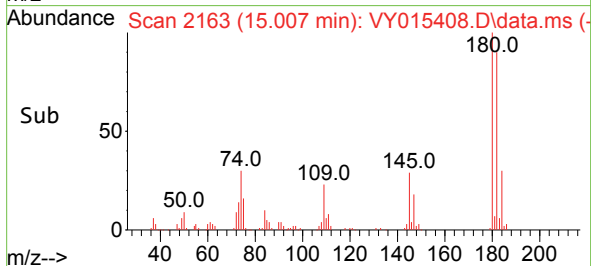
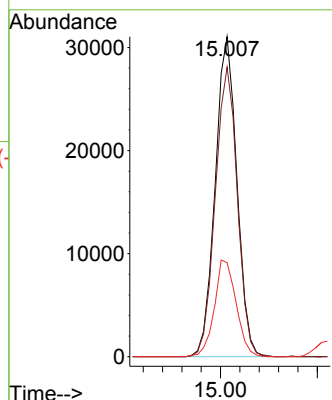
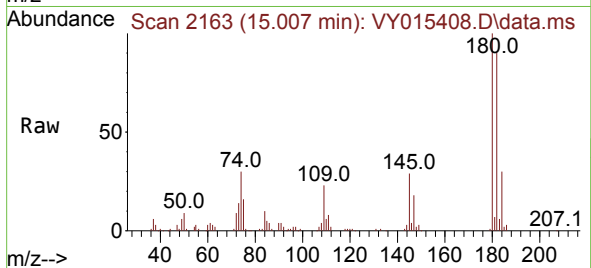
Tgt Ion:180 Resp: 48314

Ion Ratio Lower Upper

180 100

182 91.8 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 17.690 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

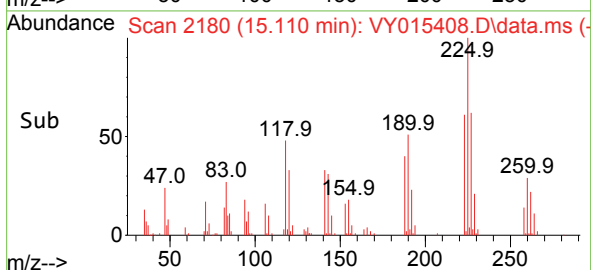
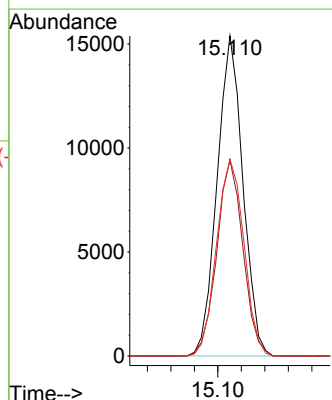
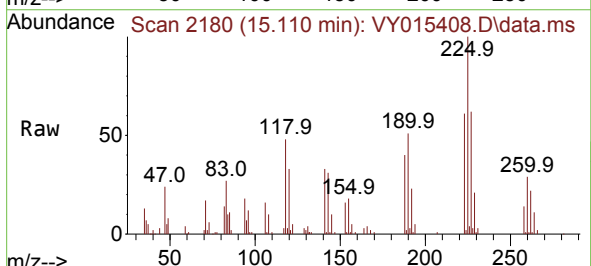
Tgt Ion:225 Resp: 23498

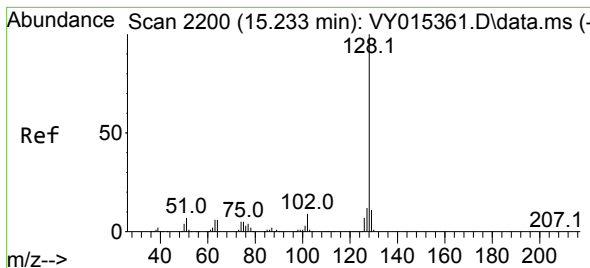
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 65.2 33.0 98.9





#95

Naphthalene

Concen: 20.005 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0901SBSD01

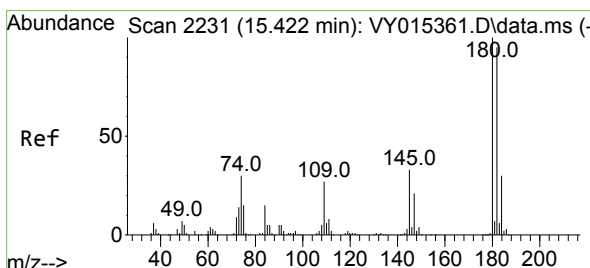
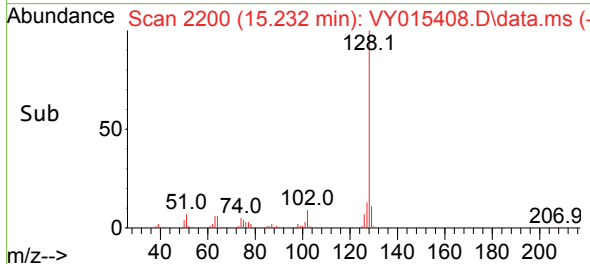
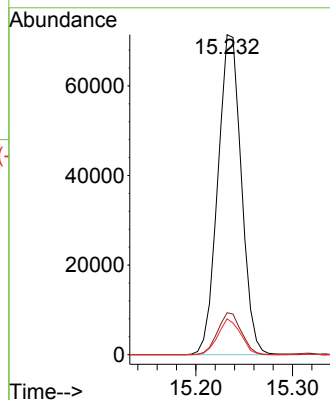
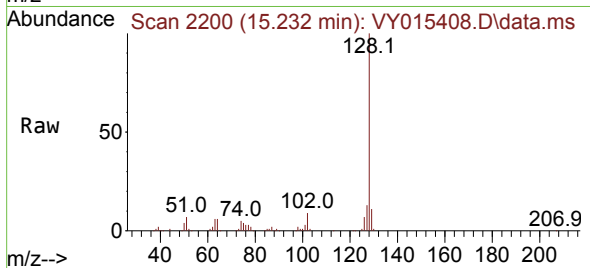
Tgt Ion:128 Resp: 120716

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.608 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015408.D

Acq: 01 Sep 2023 12:07

Tgt Ion:180 Resp: 43568

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.1 15.4 46.2

