

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015720.D
 Acq On : 27 Sep 2023 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:43:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	163600	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	267706	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	241016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92158	51.197	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.400%	
35) Dibromofluoromethane	7.728	113	86121	53.748	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.185	98	307341	56.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.140%	
62) 4-Bromofluorobenzene	12.483	95	113691	53.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	53094	49.234	ug/l	95
3) Chloromethane	2.113	50	65529	48.166	ug/l	99
4) Vinyl Chloride	2.253	62	79927	51.383	ug/l	97
5) Bromomethane	2.656	94	59279	44.240	ug/l	100
6) Chloroethane	2.796	64	57425	49.807	ug/l	92
7) Trichlorofluoromethane	3.125	101	143160	54.878	ug/l	100
8) Diethyl Ether	3.534	74	53789	48.351	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	83249	50.968	ug/l	95
10) Methyl Iodide	4.094	142	86239	45.178	ug/l	99
11) Tert butyl alcohol	5.009	59	93152	250.659	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	72445	50.334	ug/l	94
13) Acrolein	3.741	56	62940	228.312	ug/l	100
14) Allyl chloride	4.485	41	127505	48.452	ug/l	95
15) Acrylonitrile	5.180	53	188395	230.850	ug/l	98
16) Acetone	3.973	43	271108	281.434	ug/l	95
17) Carbon Disulfide	4.198	76	134432	48.079	ug/l	99
18) Methyl Acetate	4.491	43	152495	47.181	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	288636	49.238	ug/l	99
20) Methylene Chloride	4.722	84	108677	51.676	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	81696	49.659	ug/l	98
22) Diisopropyl ether	6.131	45	310629	49.048	ug/l	93
23) Vinyl Acetate	6.070	43	930078	237.933	ug/l	95
24) 1,1-Dichloroethane	6.027	63	169488	49.100	ug/l	98
25) 2-Butanone	7.002	43	332305	244.054	ug/l	97
26) 2,2-Dichloropropane	6.990	77	155282	49.217	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	107398	49.175	ug/l	96
28) Bromochloromethane	7.344	49	43907	46.882	ug/l	100
29) Tetrahydrofuran	7.362	42	174145	226.282	ug/l	94
30) Chloroform	7.515	83	181959	49.222	ug/l	94
31) Cyclohexane	7.795	56	116322	46.648	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	156727	51.357	ug/l	99
36) 1,1-Dichloropropene	7.923	75	121421	51.251	ug/l	100
37) Ethyl Acetate	7.082	43	118085	49.970	ug/l	97
38) Carbon Tetrachloride	7.911	117	135696	52.767	ug/l	99
39) Methylcyclohexane	9.191	83	134342	51.268	ug/l	93
40) Benzene	8.167	78	365447	50.582	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	55283	43.448	ug/l	96
42) 1,2-Dichloroethane	8.246	62	122993	49.707	ug/l	94
43) Isopropyl Acetate	8.283	43	199034	49.307	ug/l	98
44) Trichloroethene	8.947	130	103072	51.079	ug/l	98
45) 1,2-Dichloropropane	9.222	63	101712	50.483	ug/l	97
46) Dibromomethane	9.313	93	64227	49.835	ug/l	97
47) Bromodichloromethane	9.502	83	147309	51.279	ug/l	99
48) Methyl methacrylate	9.301	41	86851	49.018	ug/l	91
49) 1,4-Dioxane	9.331	88	25867	1015.932	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	613295	245.123	ug/l	94
52) Toluene	10.252	92	236392	50.752	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	156173	50.696	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	166740	50.283	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	94023	49.782	ug/l	99
56) Ethyl methacrylate	10.514	69	142266	51.113	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	158525	50.050	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	208601	235.943	ug/l	96
59) 2-Hexanone	10.837	43	499541	260.238	ug/l	91
60) Dibromochloromethane	10.990	129	112203	50.891	ug/l	99
61) 1,2-Dibromoethane	11.093	107	90578	49.021	ug/l	100
64) Tetrachloroethene	10.727	164	110701	53.535	ug/l	98
65) Chlorobenzene	11.520	112	267382	50.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	106575	52.152	ug/l	98
67) Ethyl Benzene	11.599	91	478677	52.056	ug/l	100
68) m/p-Xylenes	11.709	106	363752	104.076	ug/l	96
69) o-Xylene	12.032	106	180397	52.637	ug/l	96
70) Styrene	12.050	104	310098	52.861	ug/l	96
71) Bromoform	12.215	173	78571	53.057	ug/l #	99
73) Isopropylbenzene	12.337	105	479487	51.937	ug/l	100
74) N-amyl acetate	12.148	43	177172	51.060	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	128058	49.840	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	170578	86.882	ug/l #	100
77) Bromobenzene	12.611	156	115382	50.914	ug/l	94
78) n-propylbenzene	12.672	91	581043	51.806	ug/l	100
79) 2-Chlorotoluene	12.764	91	326657	51.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	400850	51.864	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	44932	51.536	ug/l	94
82) 4-Chlorotoluene	12.861	91	341594	51.182	ug/l	100
83) tert-Butylbenzene	13.081	119	358893	53.018	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	400469	51.785	ug/l	99
85) sec-Butylbenzene	13.257	105	530368	52.354	ug/l	100
86) p-Isopropyltoluene	13.373	119	441328	52.154	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	229487	51.045	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	227724	50.646	ug/l	99
89) n-Butylbenzene	13.696	91	412959	51.536	ug/l	97
90) Hexachloroethane	13.965	117	85848	52.566	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	213275	51.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25262	49.504	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	133783	51.204	ug/l	99
94) Hexachlorobutadiene	15.117	225	65466	48.929	ug/l	98
95) Naphthalene	15.239	128	350169	51.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	122045	50.609	ug/l	99

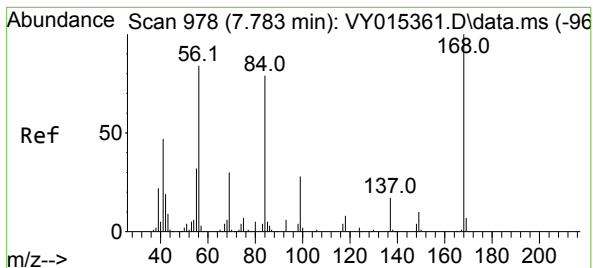
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

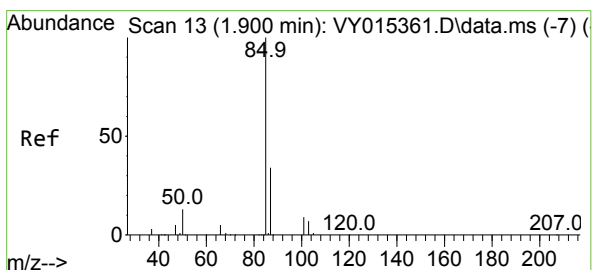
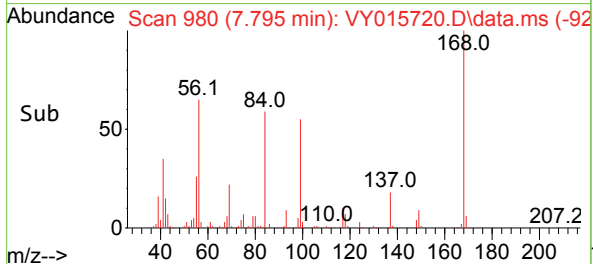
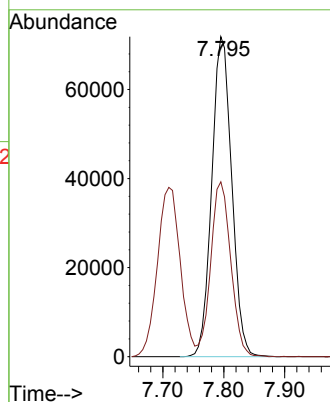
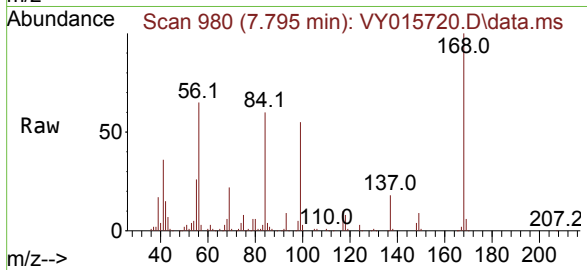
ClientSampleId :

Tgt Ion:168 Resp: 163600

Ion Ratio Lower Upper

168 100

99 54.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 49.234 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015720.D

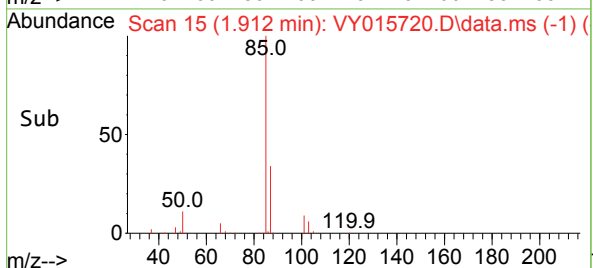
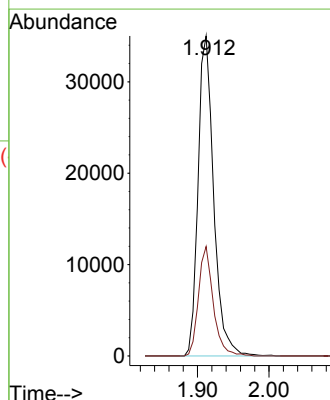
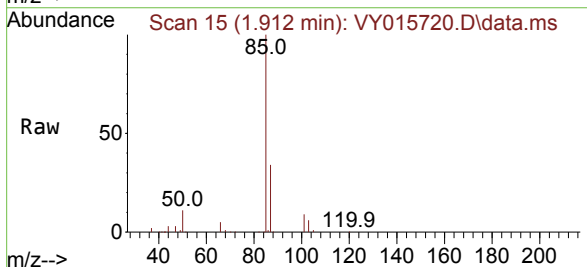
Acq: 27 Sep 2023 09:32

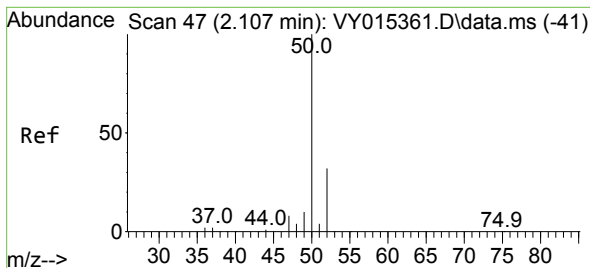
Tgt Ion: 85 Resp: 53094

Ion Ratio Lower Upper

85 100

87 34.2 15.6 46.8





#3

Chloromethane

Concen: 48.166 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

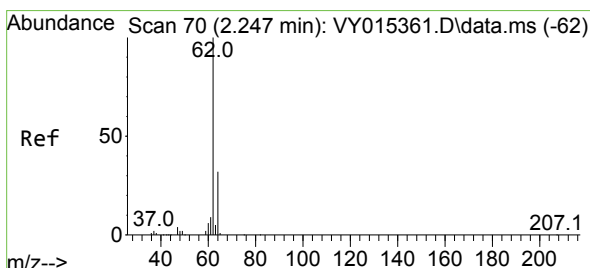
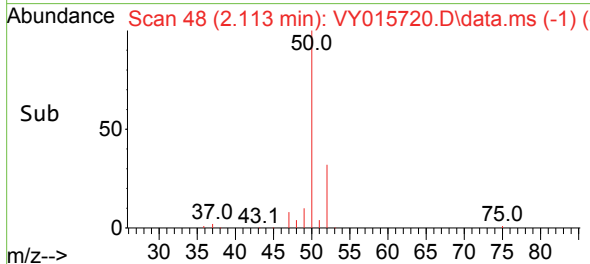
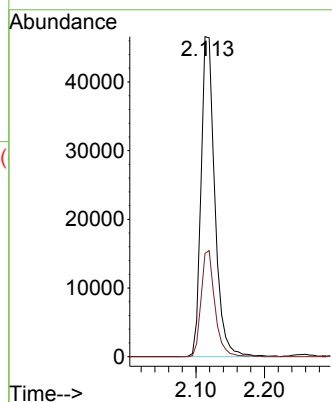
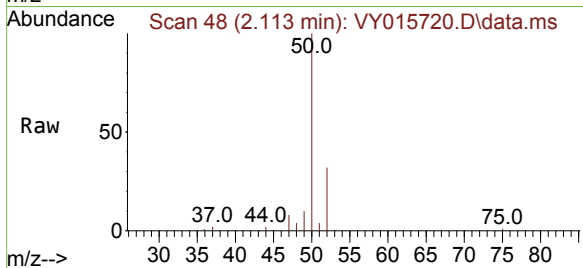
ClientSampleId :

Tgt Ion: 50 Resp: 65529

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 51.383 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015720.D

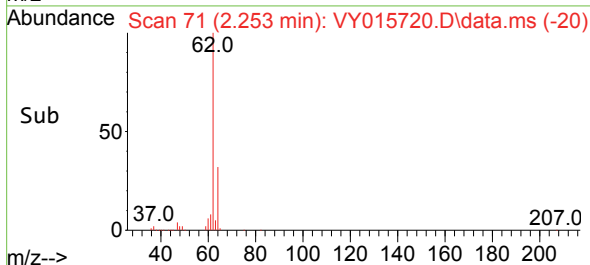
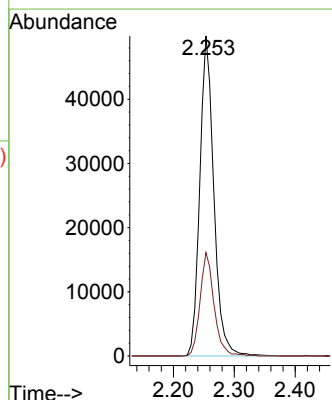
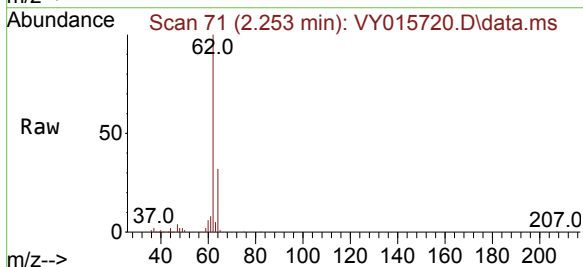
Acq: 27 Sep 2023 09:32

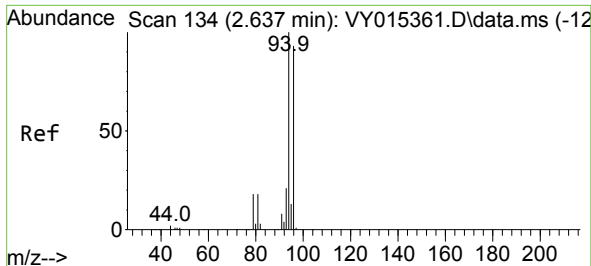
Tgt Ion: 62 Resp: 79927

Ion Ratio Lower Upper

62 100

64 32.3 24.3 36.5





#5

Bromomethane

Concen: 44.240 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

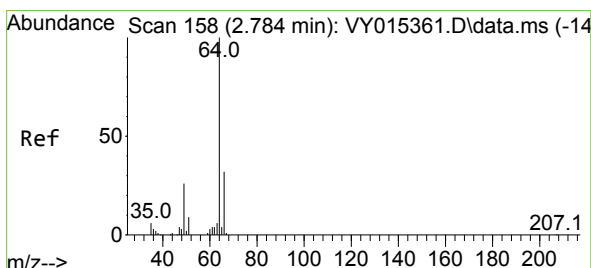
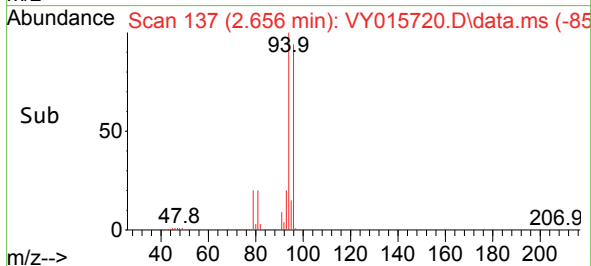
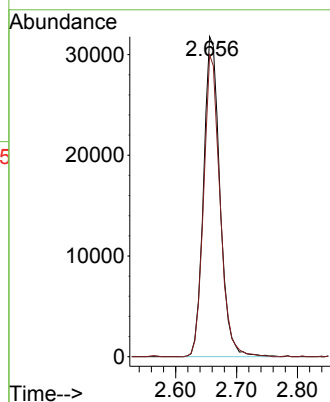
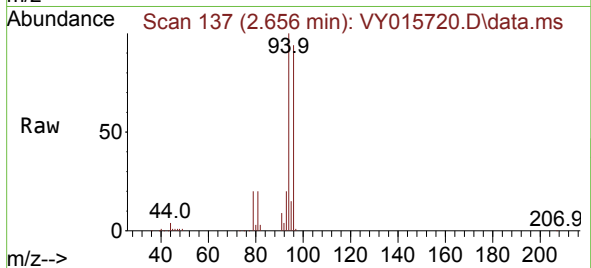
ClientSampleId :

Tgt Ion: 94 Resp: 59279

Ion Ratio Lower Upper

94 100

96 94.3 75.8 113.6



#6

Chloroethane

Concen: 49.807 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015720.D

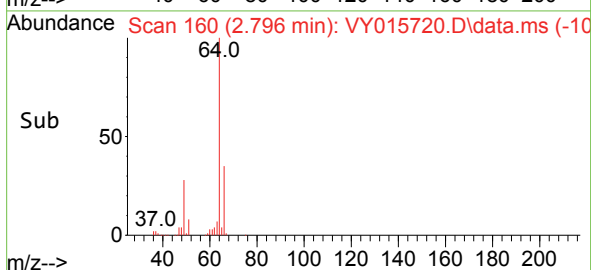
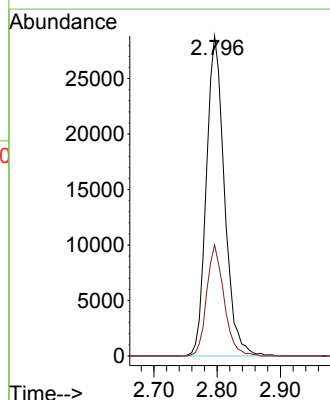
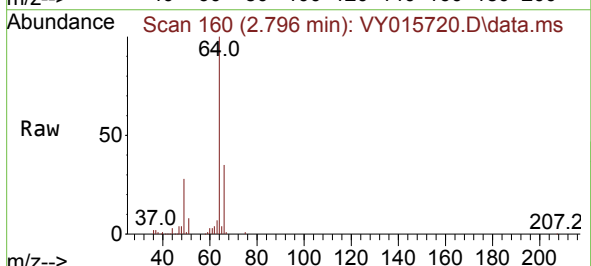
Acq: 27 Sep 2023 09:32

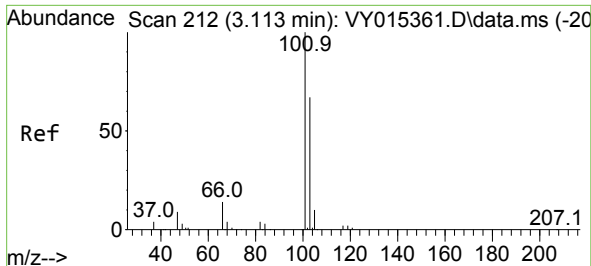
Tgt Ion: 64 Resp: 57425

Ion Ratio Lower Upper

64 100

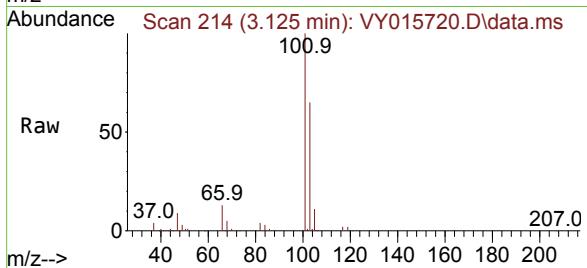
66 34.7 24.4 36.6



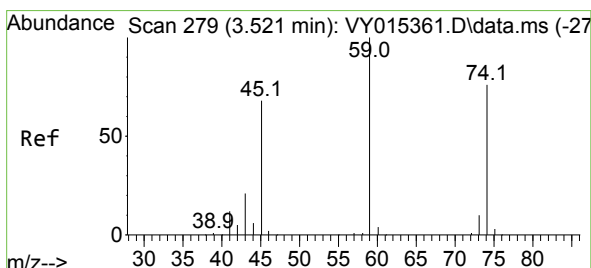
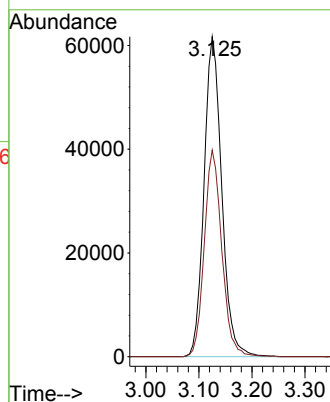
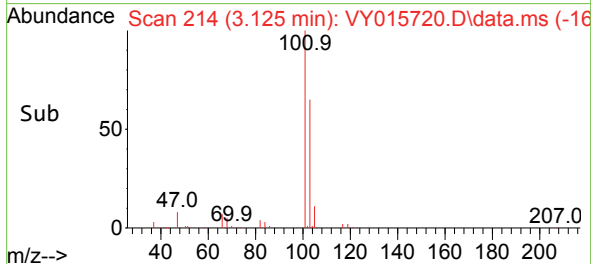


#7
 Trichlorofluoromethane
 Concen: 54.878 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015720.D
 Acq: 27 Sep 2023 09:32

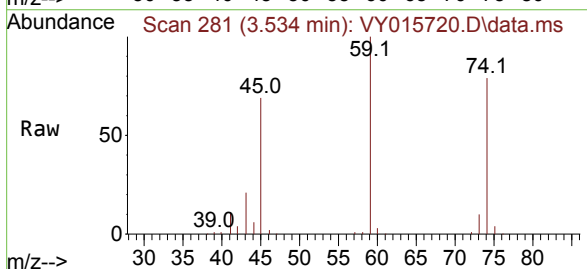
Instrument :
 MSVOA_Y
 ClientSampleId :



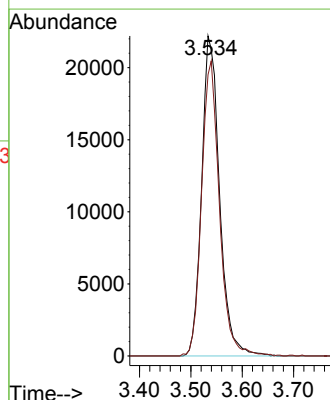
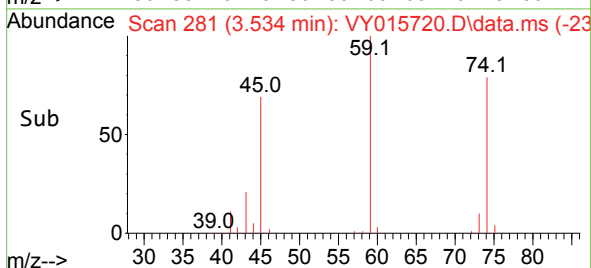
Tgt Ion: 101 Resp: 143160
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0

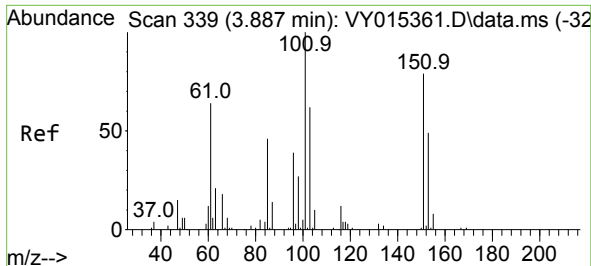


#8
 Diethyl Ether
 Concen: 48.351 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
 Lab File: VY015720.D
 Acq: 27 Sep 2023 09:32



Tgt Ion: 74 Resp: 53789
 Ion Ratio Lower Upper
 74 100
 45 91.8 51.5 154.5

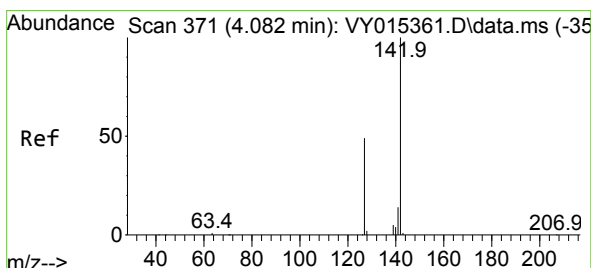
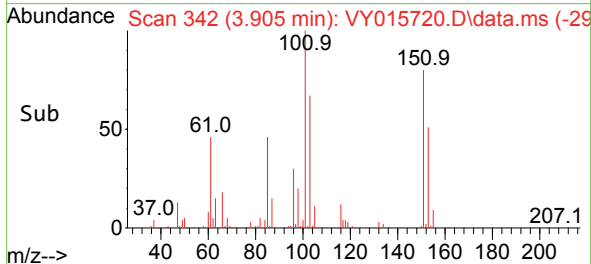
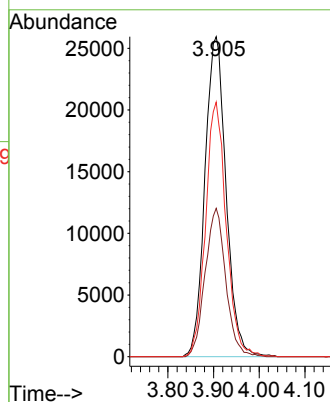
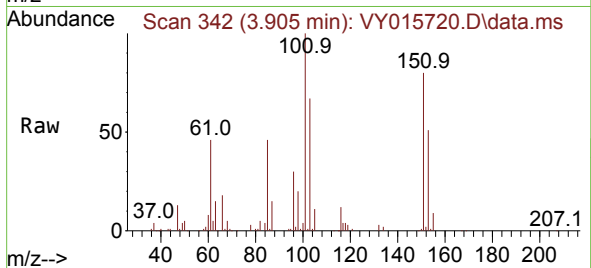




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.968 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

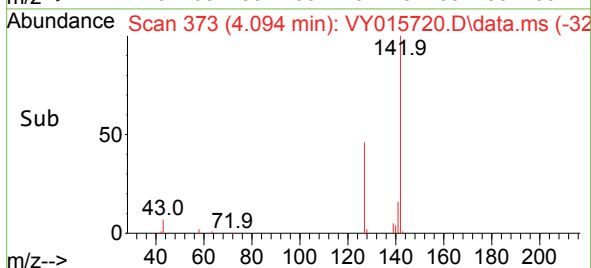
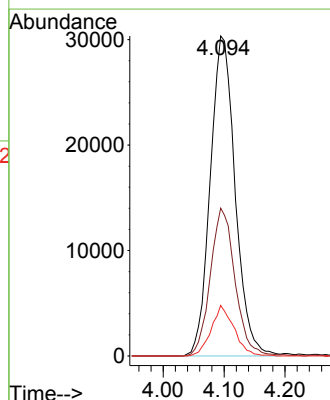
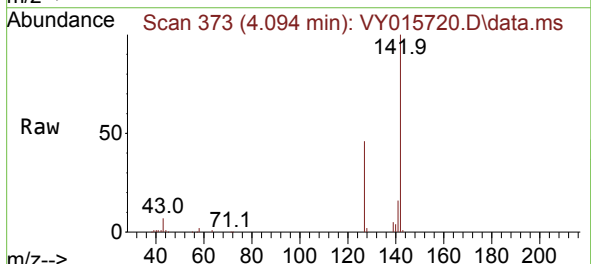
Instrument :
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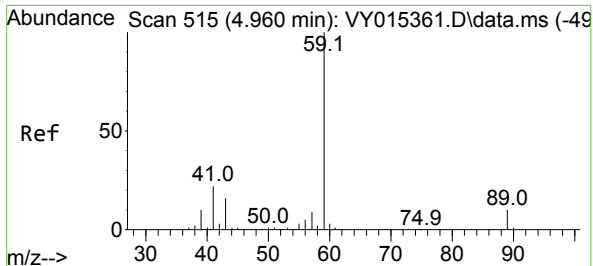
Tgt Ion:101 Resp: 83249
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 45.178 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:142 Resp: 86239
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 250.659 ug/l

RT: 5.009 min Scan# 51

Delta R.T. 0.055 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

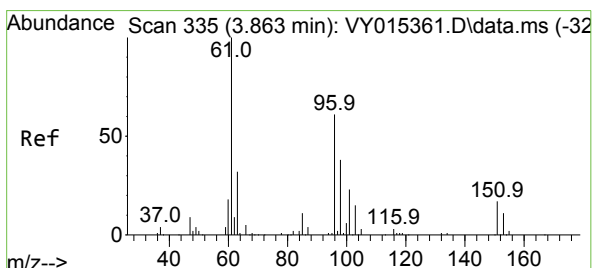
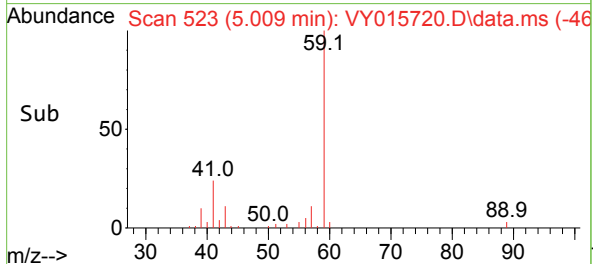
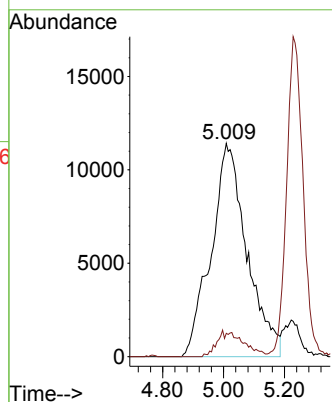
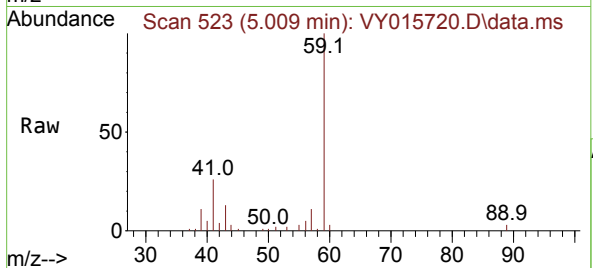
ClientSampleId :

Tgt Ion: 59 Resp: 93152

Ion Ratio Lower Upper

59 100

57 2.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 50.334 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

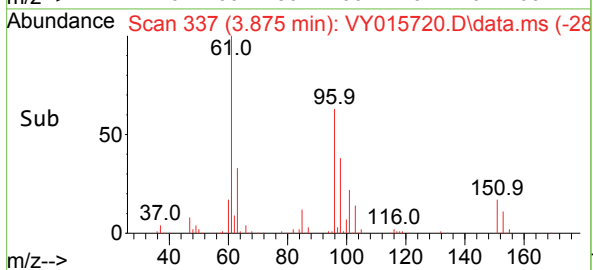
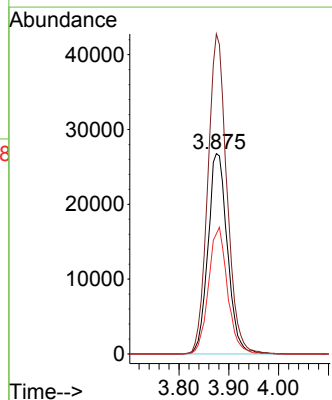
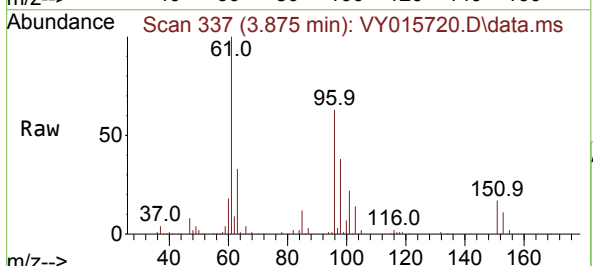
Tgt Ion: 96 Resp: 72445

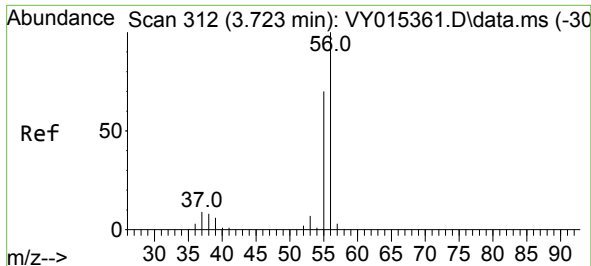
Ion Ratio Lower Upper

96 100

61 159.7 136.4 204.6

98 60.0 49.4 74.2

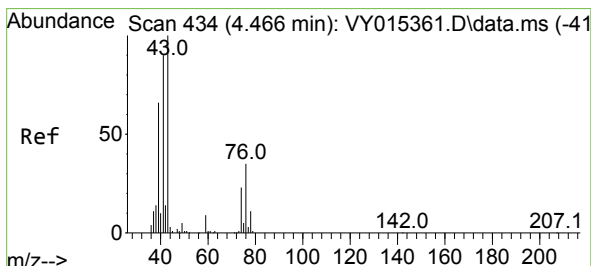
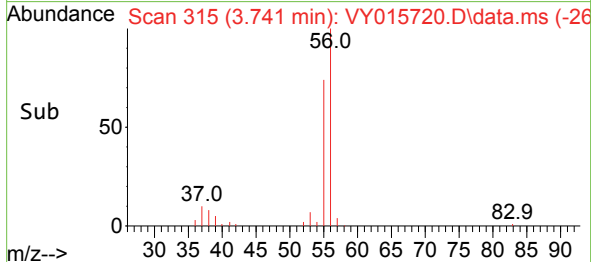
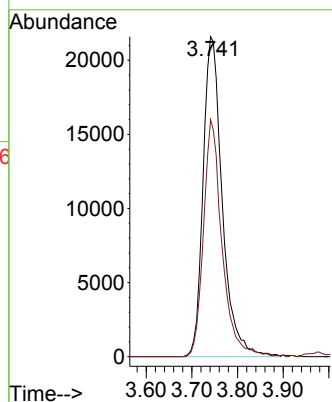
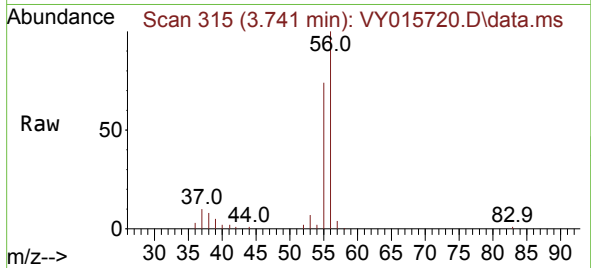




#13
Acrolein
Concen: 228.312 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

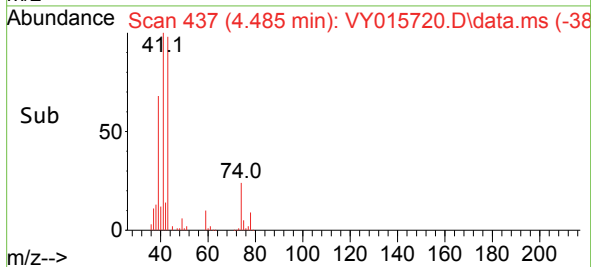
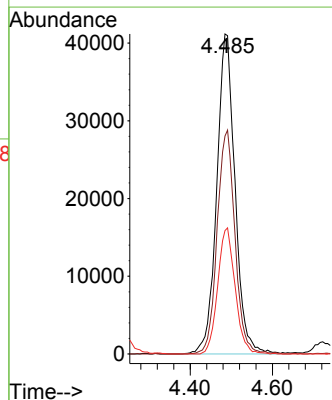
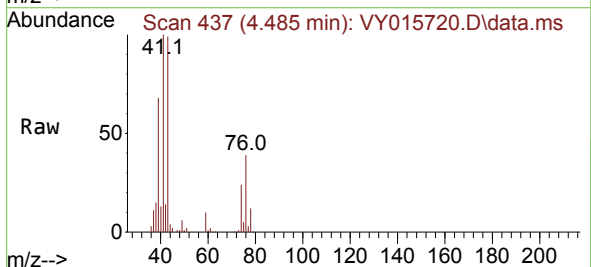
Instrument :
MSVOA_Y
ClientSampleId :

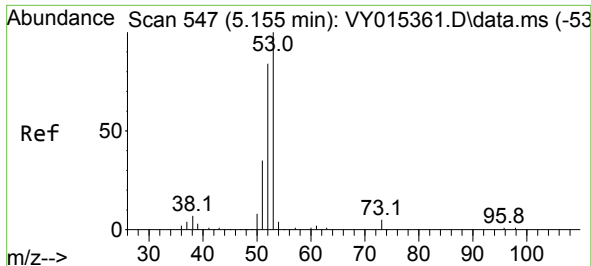
Tgt Ion: 56 Resp: 62940
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 48.452 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

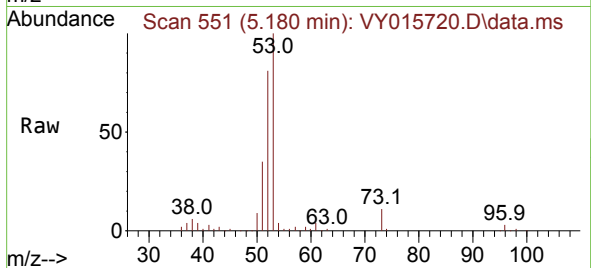
Tgt Ion: 41 Resp: 127505
Ion Ratio Lower Upper
41 100
39 68.2 58.0 87.0
76 37.4 27.4 41.2



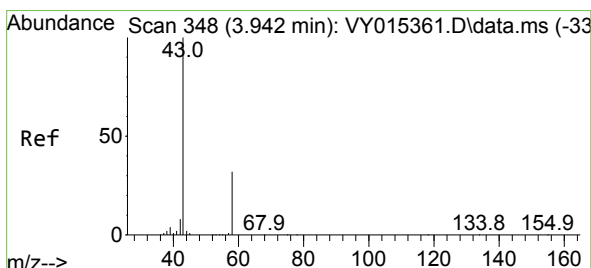
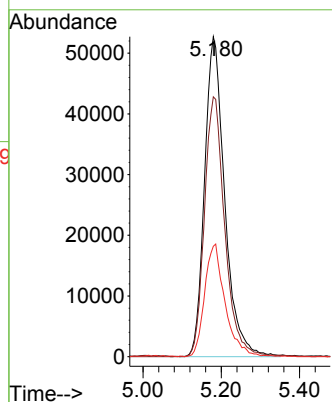
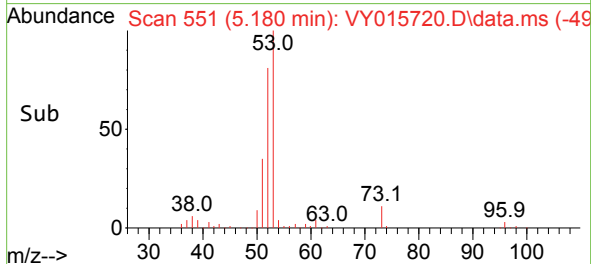


#15
Acrylonitrile
Concen: 230.850 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :

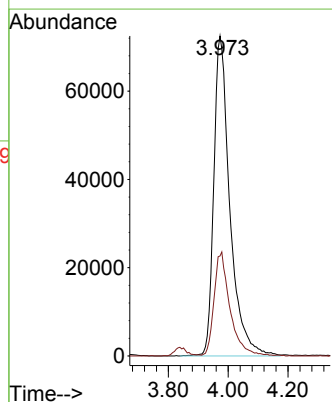
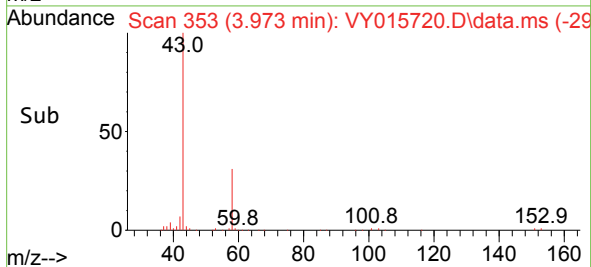
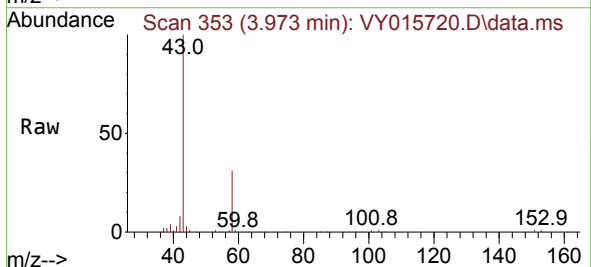


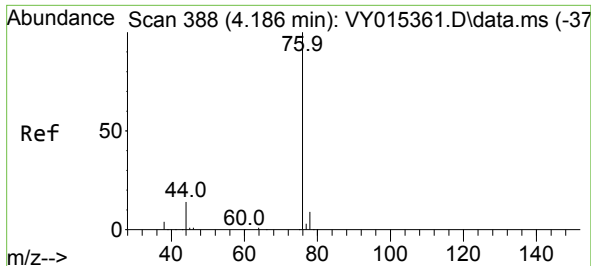
Tgt Ion: 53 Resp: 188395
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 281.434 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 43 Resp: 271108
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17

Carbon Disulfide

Concen: 48.079 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.012 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

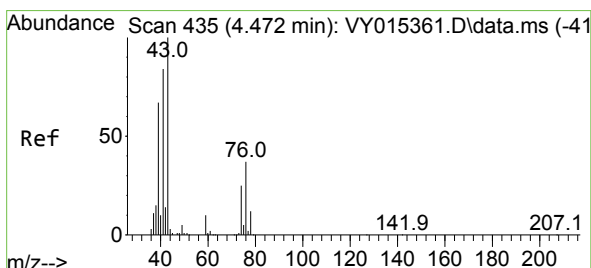
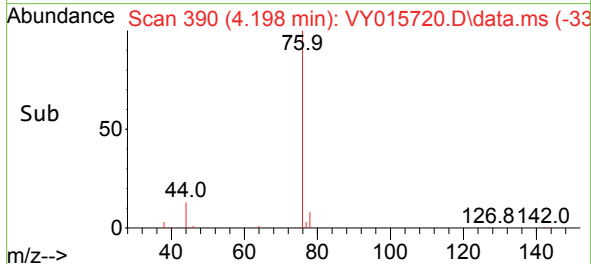
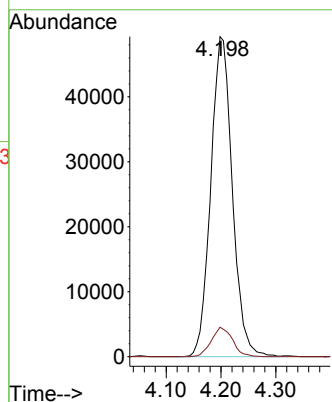
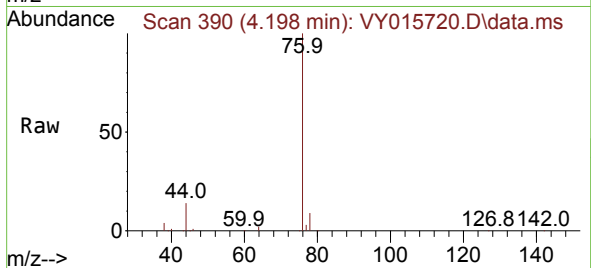
ClientSampleId :

Tgt Ion: 76 Resp: 134432

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 47.181 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.019 min

Lab File: VY015720.D

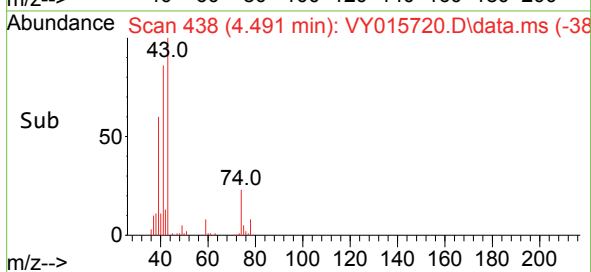
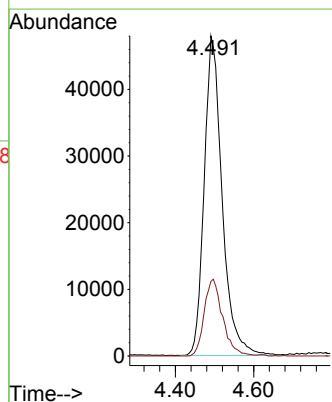
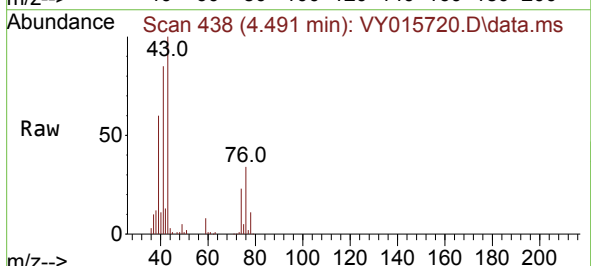
Acq: 27 Sep 2023 09:32

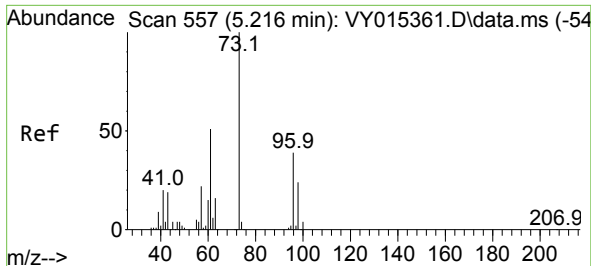
Tgt Ion: 43 Resp: 152495

Ion Ratio Lower Upper

43 100

74 24.7 17.4 26.0

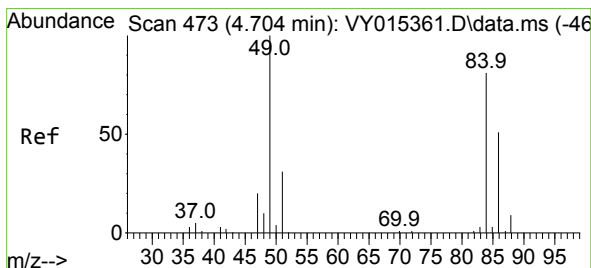
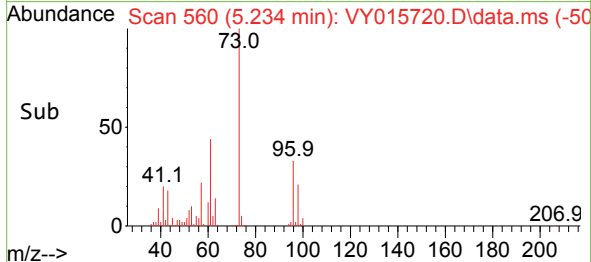
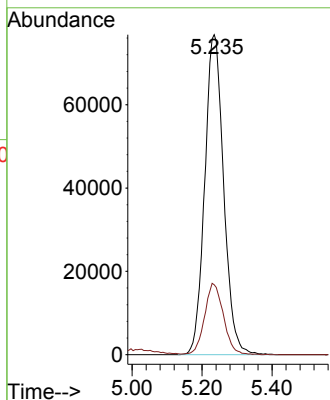
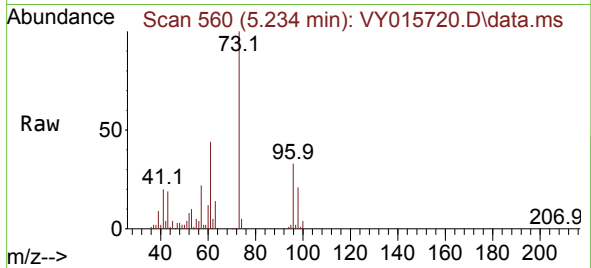




#19
Methyl tert-butyl Ether
Concen: 49.238 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

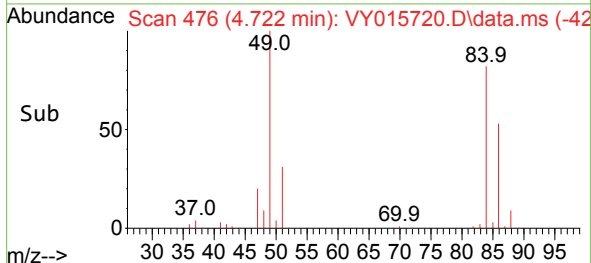
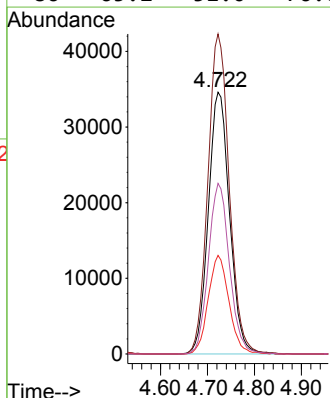
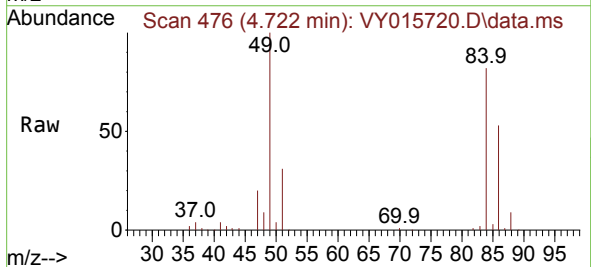
Instrument :
MSVOA_Y
ClientSampleId :

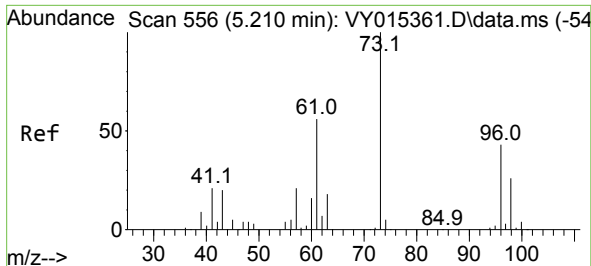
Tgt Ion: 73 Resp: 288636
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 51.676 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 84 Resp: 108677
Ion Ratio Lower Upper
84 100
49 122.3 106.9 160.3
51 37.6 33.2 49.8
86 65.2 51.0 76.6

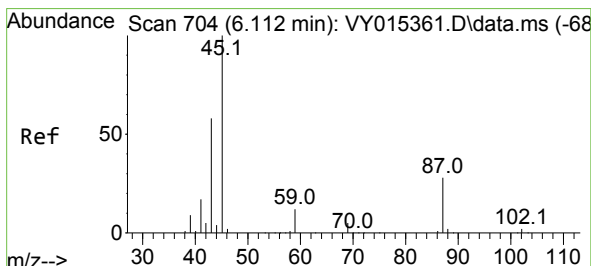
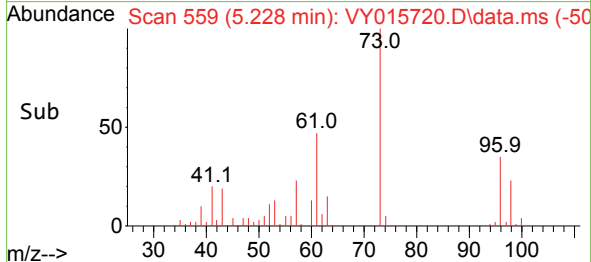
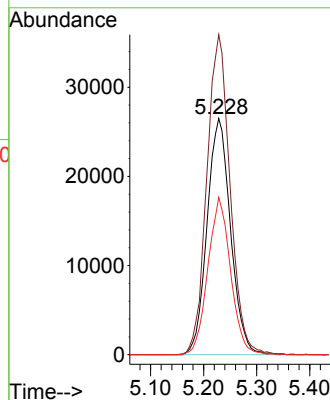
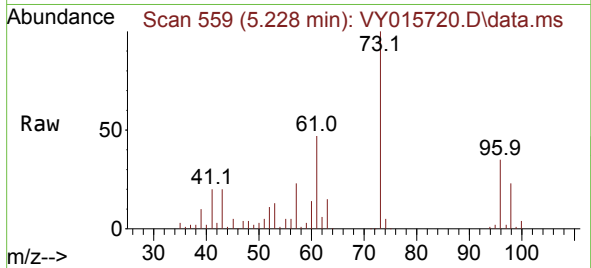




#21
trans-1,2-Dichloroethene
Concen: 49.659 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

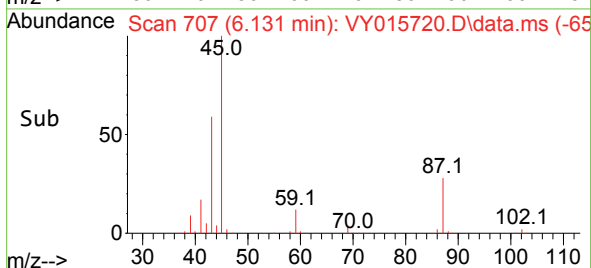
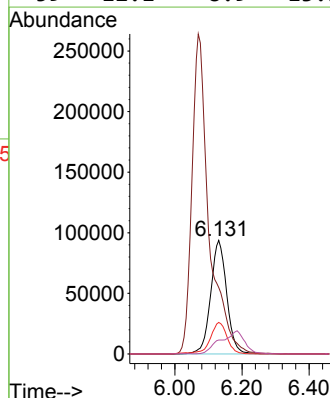
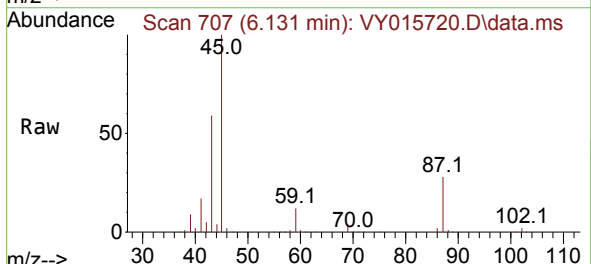
Instrument :
MSVOA_Y
ClientSampleId :

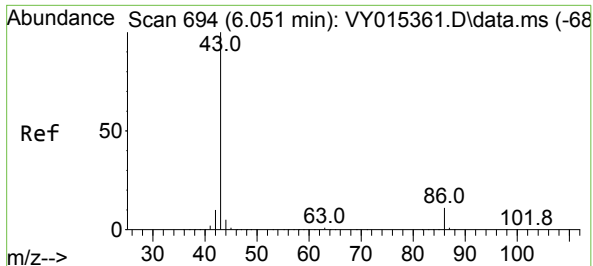
Tgt Ion: 96 Resp: 81696
Ion Ratio Lower Upper
96 100
61 135.3 110.2 165.4
98 66.6 51.8 77.6



#22
Diisopropyl ether
Concen: 49.048 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 45 Resp: 310629
Ion Ratio Lower Upper
45 100
43 58.3 52.2 78.4
87 27.8 21.0 31.6
59 12.1 8.9 13.3





#23

Vinyl Acetate

Concen: 237.933 ug/l

RT: 6.070 min Scan# 694

Delta R.T. 0.019 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

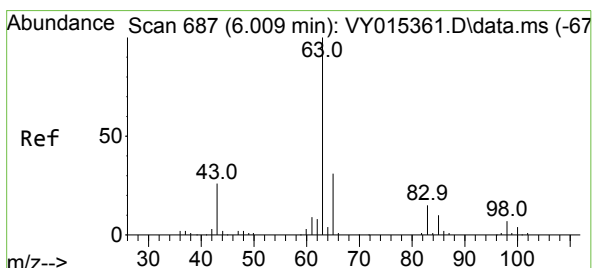
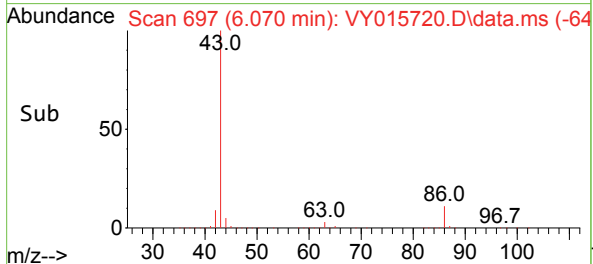
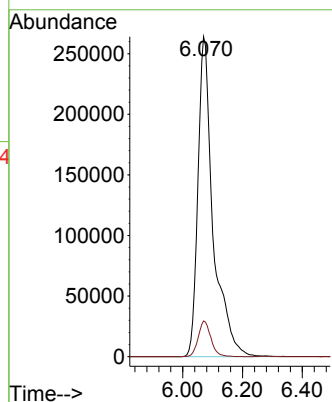
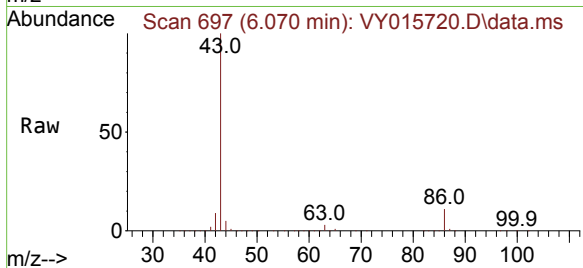
ClientSampleId :

Tgt Ion: 43 Resp: 930078

Ion Ratio Lower Upper

43 100

86 11.2 7.5 11.3



#24

1,1-Dichloroethane

Concen: 49.100 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.024 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

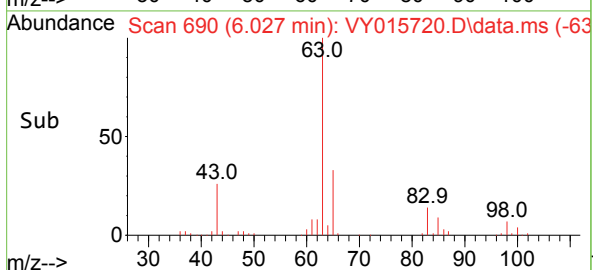
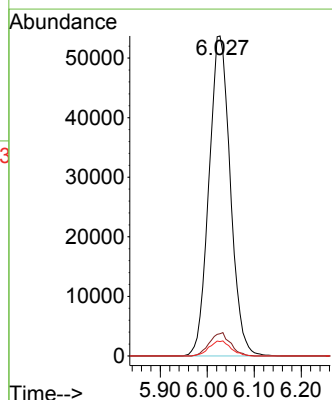
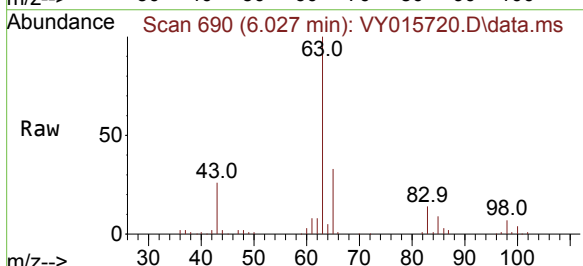
Tgt Ion: 63 Resp: 169488

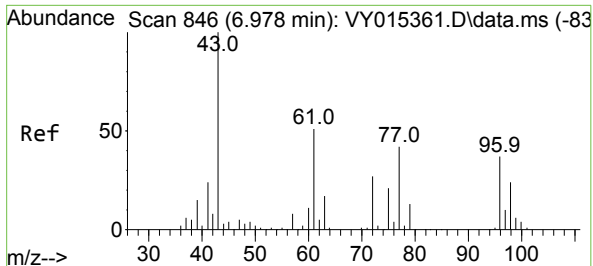
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 244.054 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.024 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

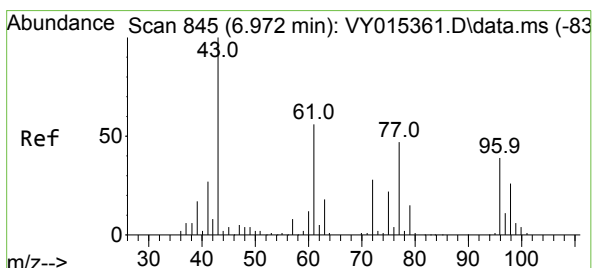
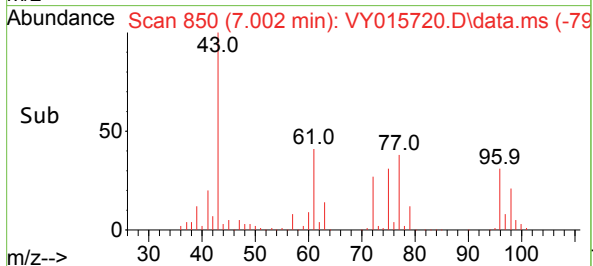
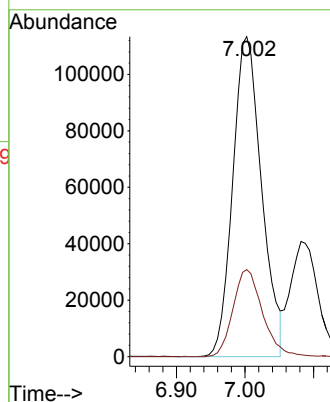
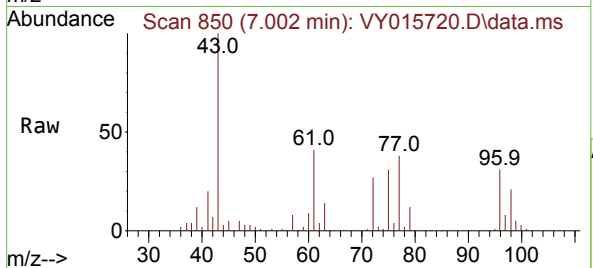
ClientSampleId :

Tgt Ion: 43 Resp: 332305

Ion Ratio Lower Upper

43 100

72 27.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.217 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015720.D

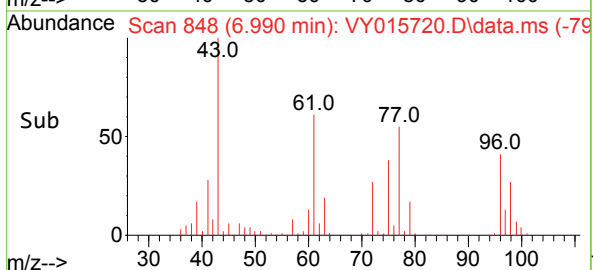
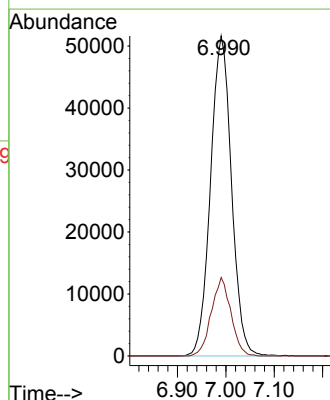
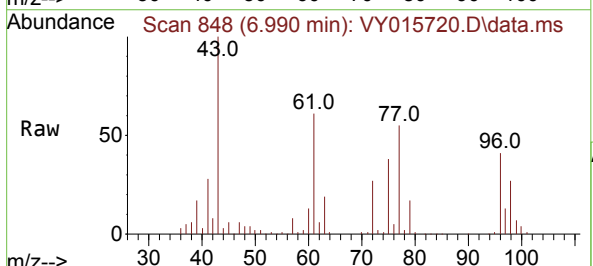
Acq: 27 Sep 2023 09:32

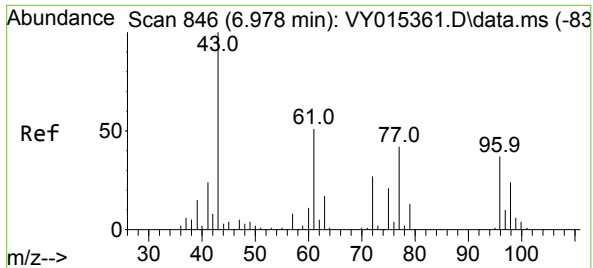
Tgt Ion: 77 Resp: 155282

Ion Ratio Lower Upper

77 100

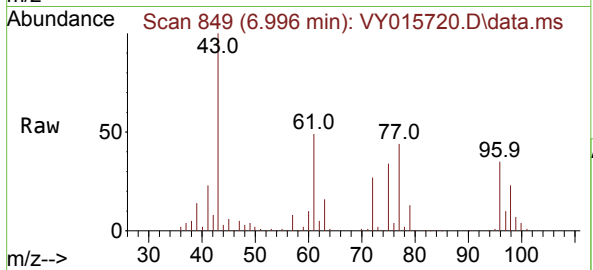
97 22.9 10.9 32.9





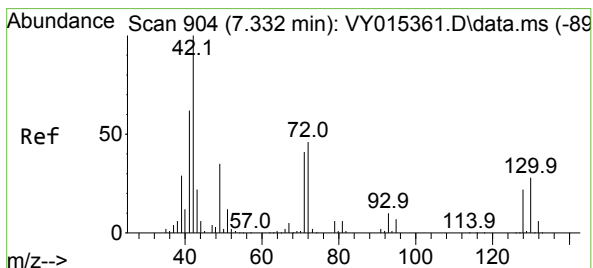
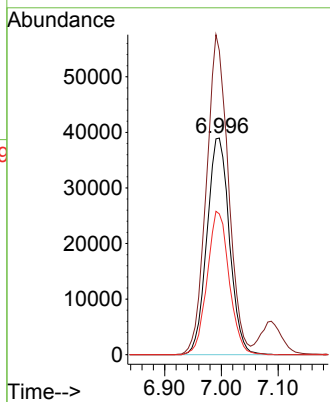
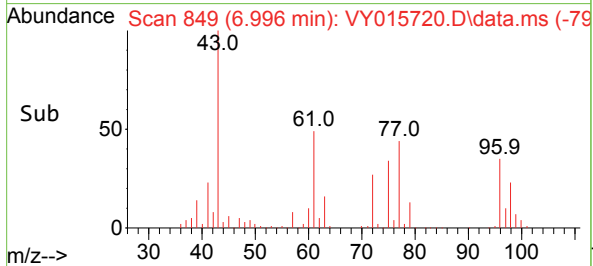
#27
 cis-1,2-Dichloroethene
 Concen: 49.175 ug/l
 RT: 6.996 min Scan# 846
 Delta R.T. 0.018 min
 Lab File: VY015720.D
 Acq: 27 Sep 2023 09:32

Instrument :
 MSVOA_Y
 ClientSampleId :

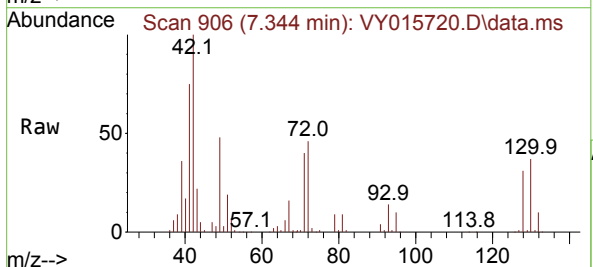


Tgt Ion: 96 Resp: 107398

Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	301.4
98	64.7	0.0	130.4

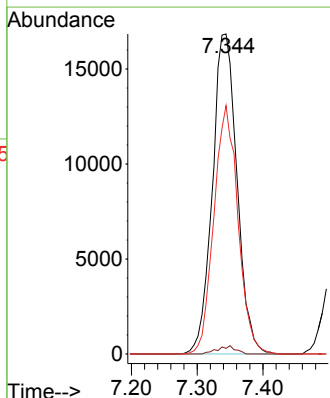
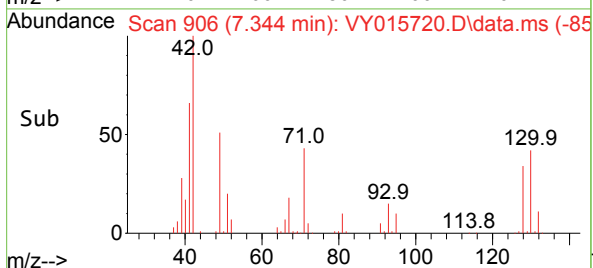


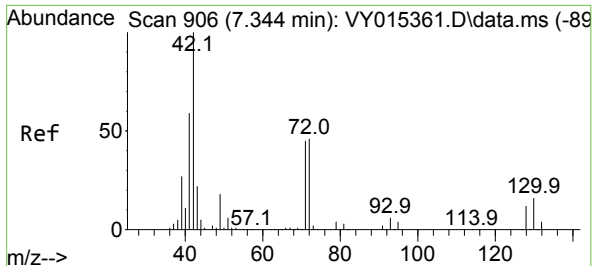
#28
 Bromochloromethane
 Concen: 46.882 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.018 min
 Lab File: VY015720.D
 Acq: 27 Sep 2023 09:32



Tgt Ion: 49 Resp: 43907

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	75.8	60.7	91.1





#29

Tetrahydrofuran

Concen: 226.282 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

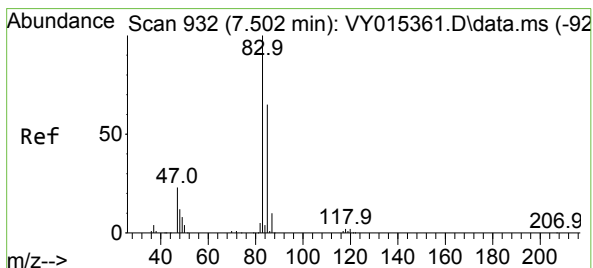
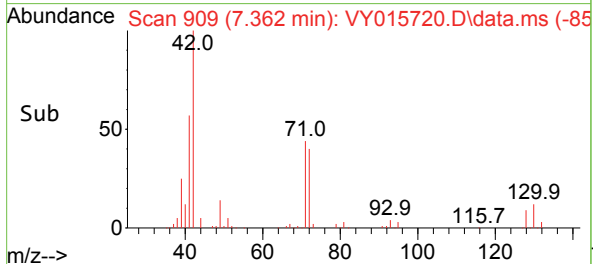
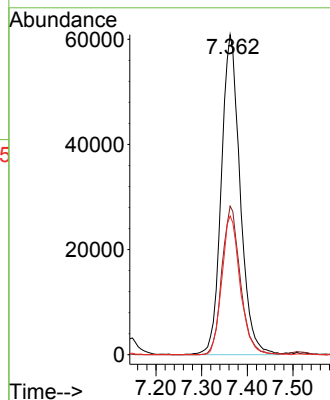
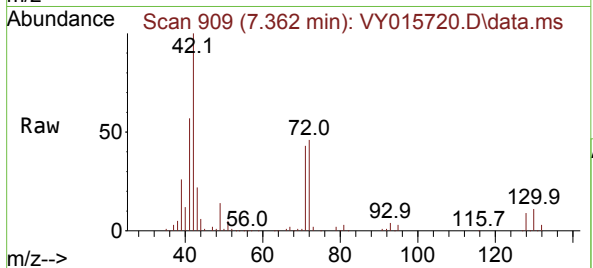
Tgt Ion: 42 Resp: 174145

Ion Ratio Lower Upper

42 100

72 45.3 32.8 49.2

71 42.3 31.0 46.4



#30

Chloroform

Concen: 49.222 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.019 min

Lab File: VY015720.D

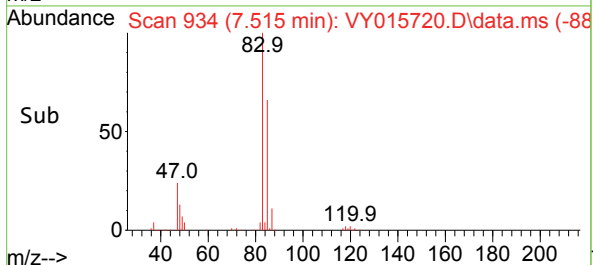
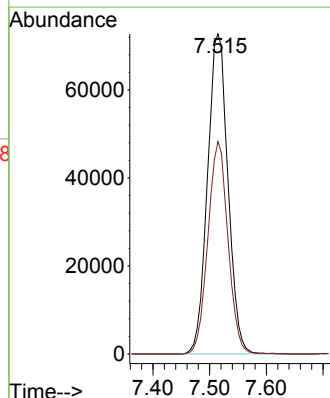
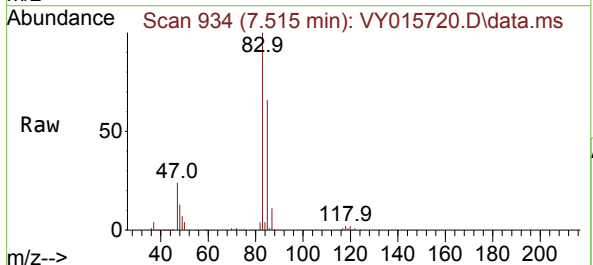
Acq: 27 Sep 2023 09:32

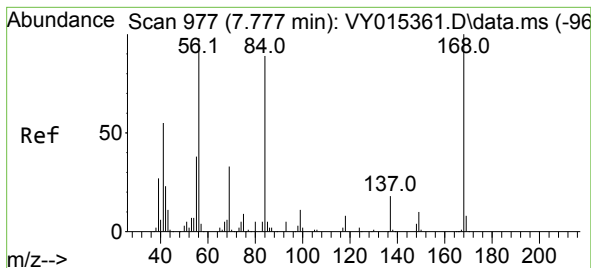
Tgt Ion: 83 Resp: 181959

Ion Ratio Lower Upper

83 100

85 66.3 49.7 74.5





#31

Cyclohexane

Concen: 46.648 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

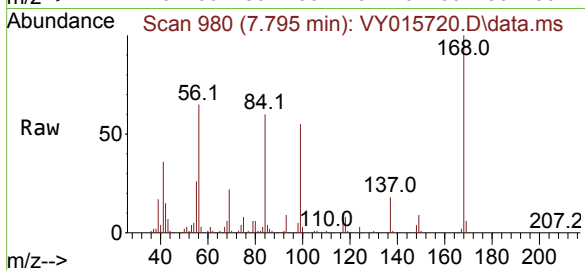
Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :



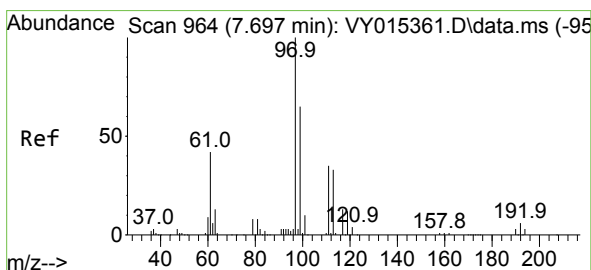
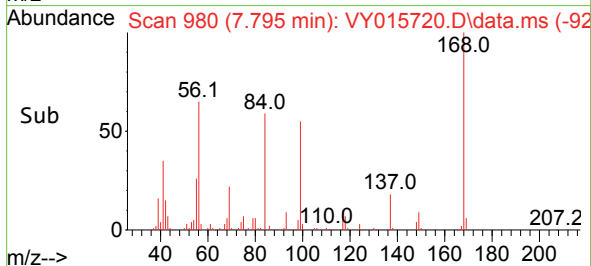
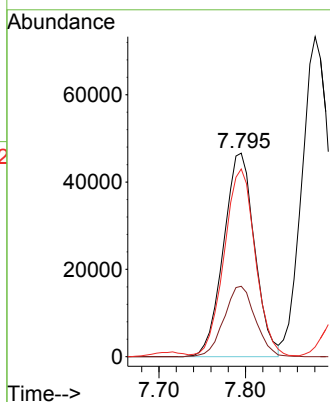
Tgt Ion: 56 Resp: 116322

Ion Ratio Lower Upper

56 100

69 34.6 27.8 41.6

84 90.4 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 51.357 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.019 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

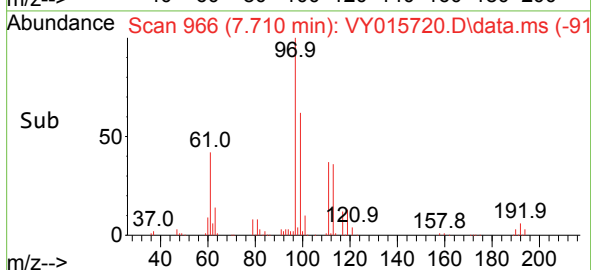
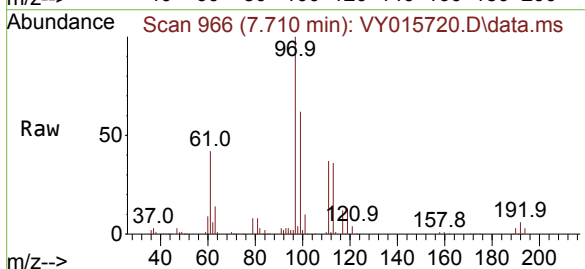
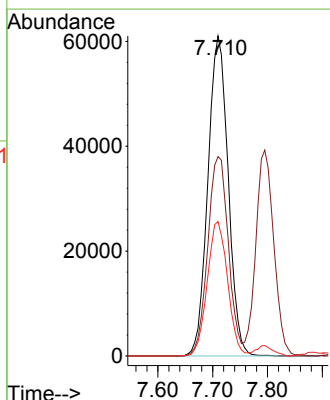
Tgt Ion: 97 Resp: 156727

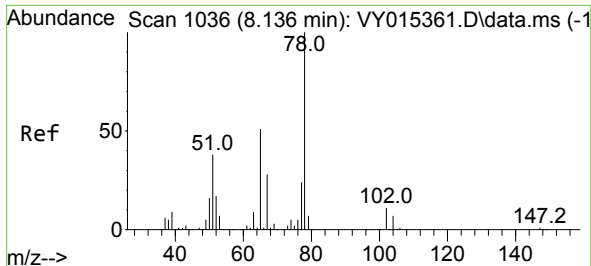
Ion Ratio Lower Upper

97 100

99 63.3 50.8 76.2

61 42.2 35.1 52.7

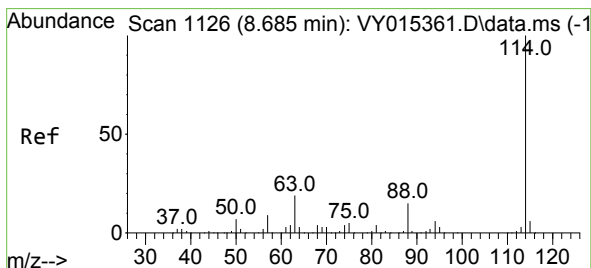
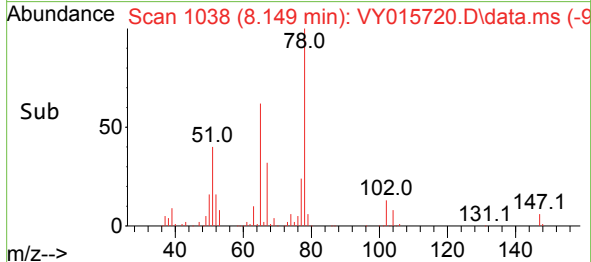
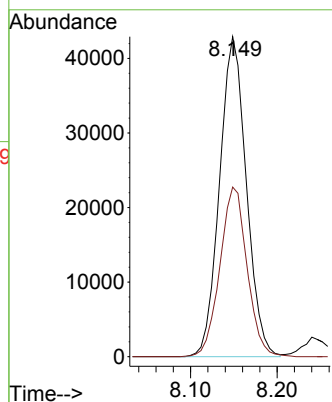
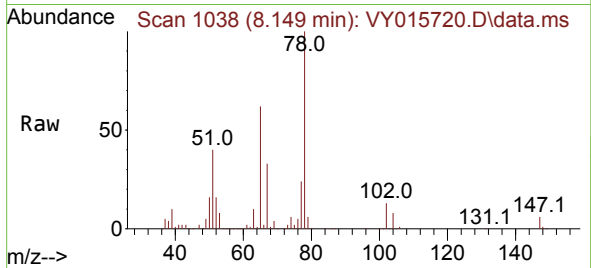




#33
1,2-Dichloroethane-d4
Concen: 51.197 ug/l
RT: 8.149 min Scan# 1103
Delta R.T. 0.013 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

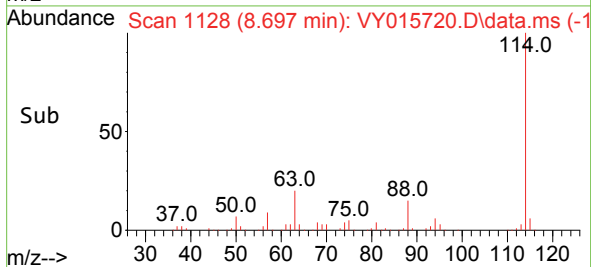
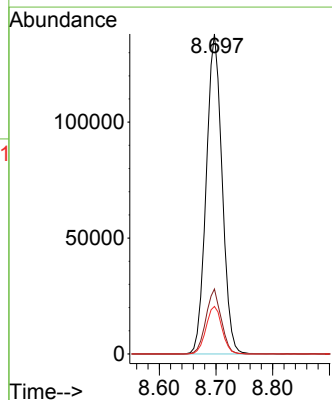
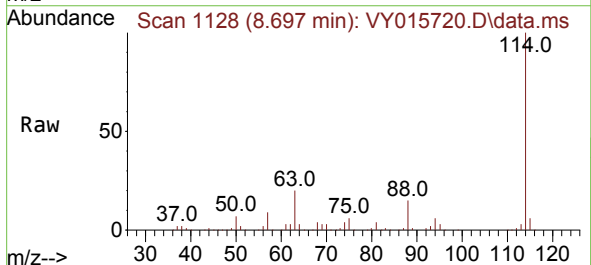
Instrument :
MSVOA_Y
ClientSampleId :

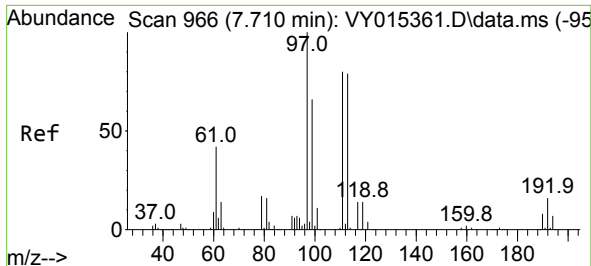
Tgt Ion: 65 Resp: 92158
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

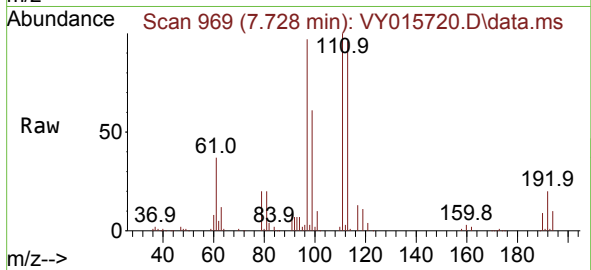
Tgt Ion:114 Resp: 267706
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 14.8 0.0 30.6



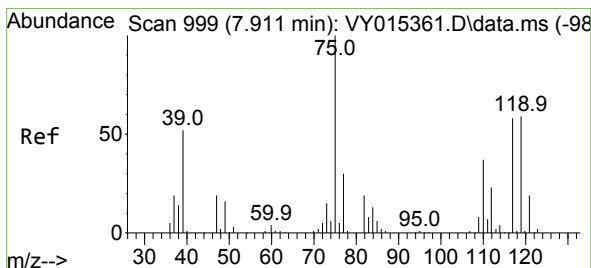
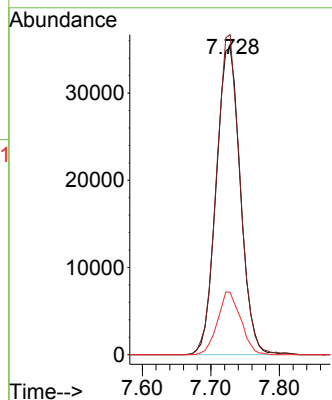
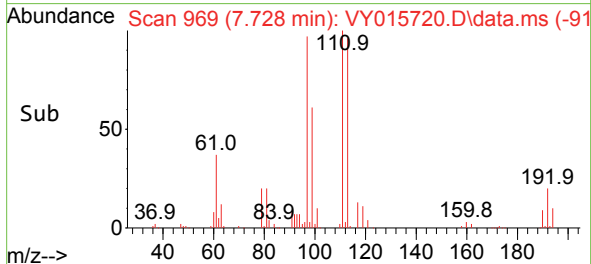


#35
Dibromofluoromethane
Concen: 53.748 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

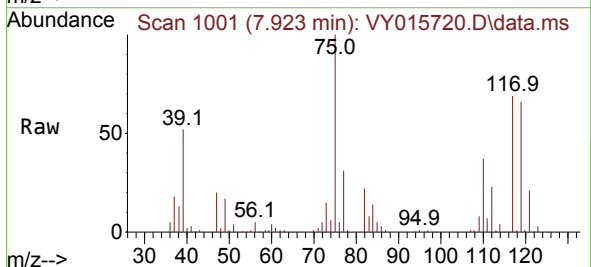
Instrument :
MSVOA_Y
ClientSampleId :



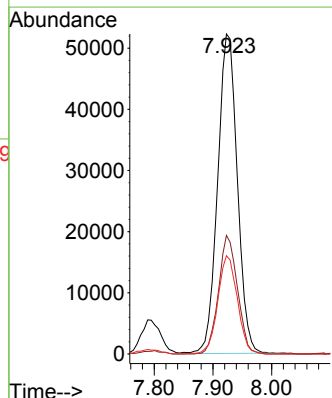
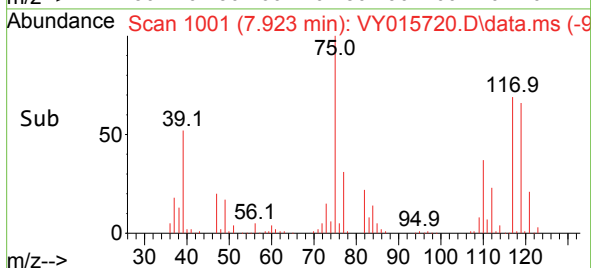
Tgt Ion:113 Resp: 86121
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.6 16.9 25.3

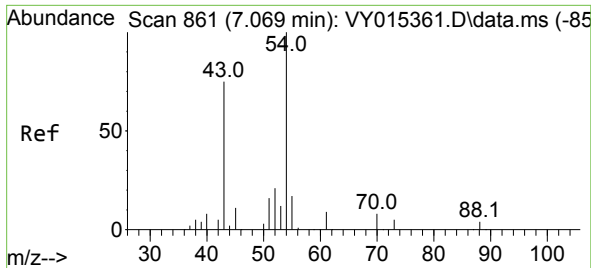


#36
1,1-Dichloropropene
Concen: 51.251 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32



Tgt Ion: 75 Resp: 121421
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 49.970 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

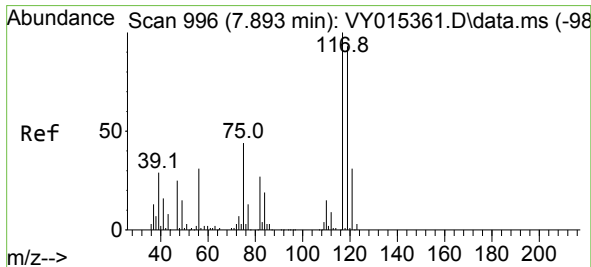
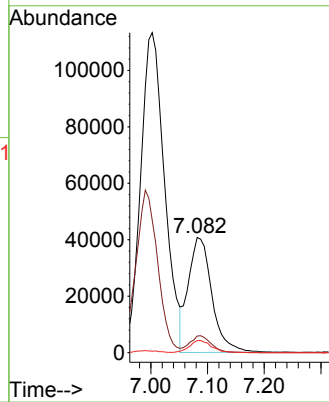
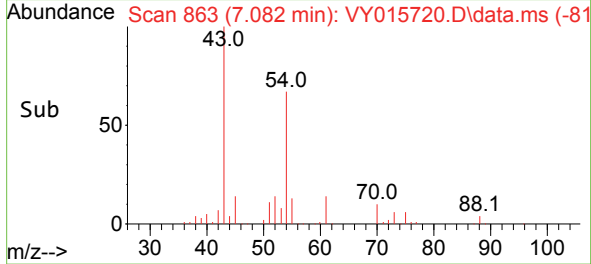
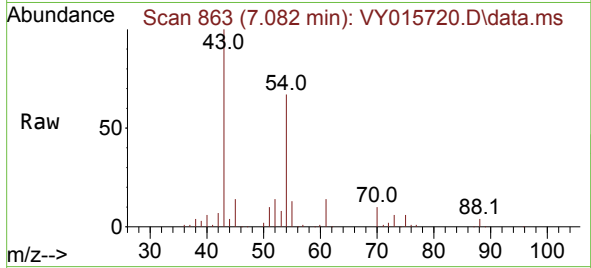
Tgt Ion: 43 Resp: 118085

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.767 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.018 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

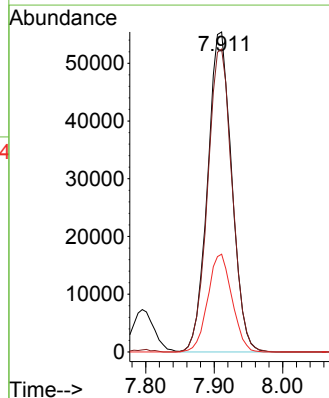
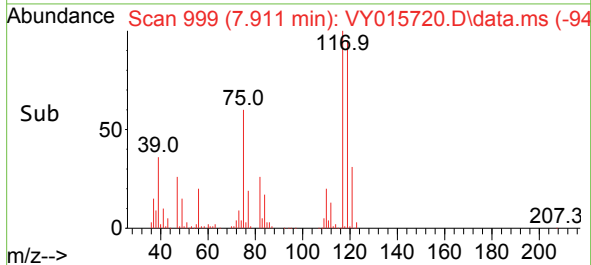
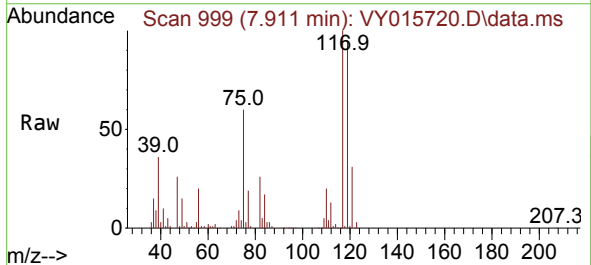
Tgt Ion: 117 Resp: 135696

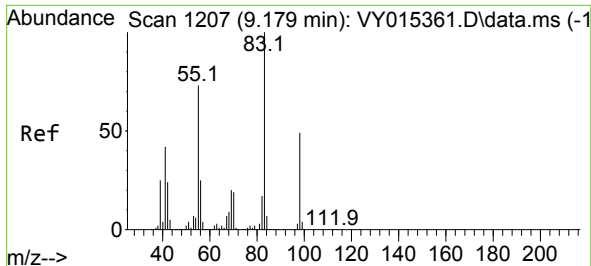
Ion Ratio Lower Upper

117 100

119 94.6 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 51.268 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

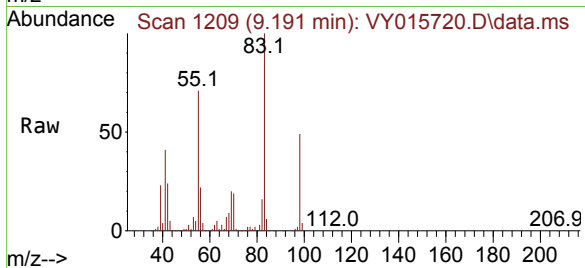
Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :



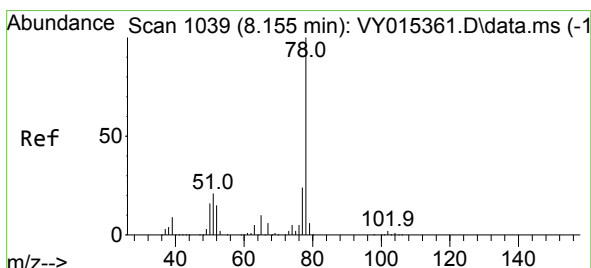
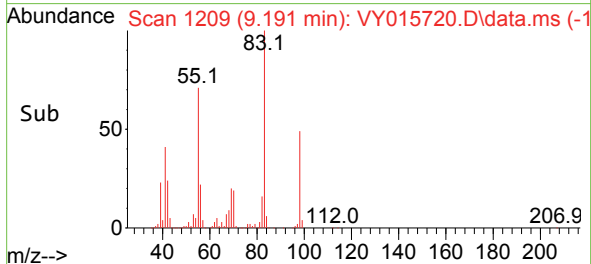
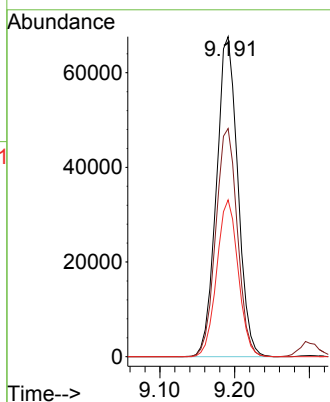
Tgt Ion: 83 Resp: 134342

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 50.582 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015720.D

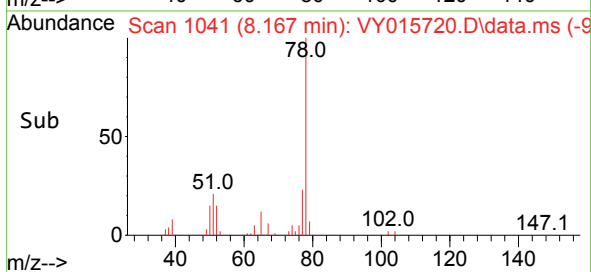
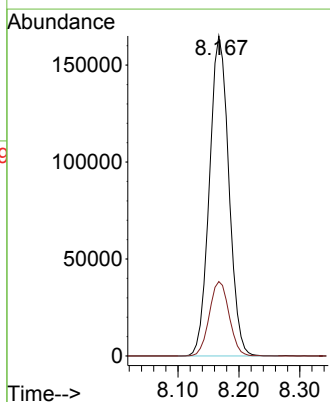
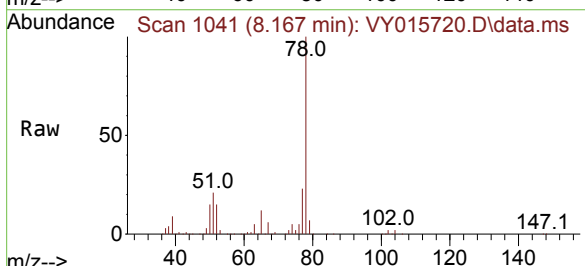
Acq: 27 Sep 2023 09:32

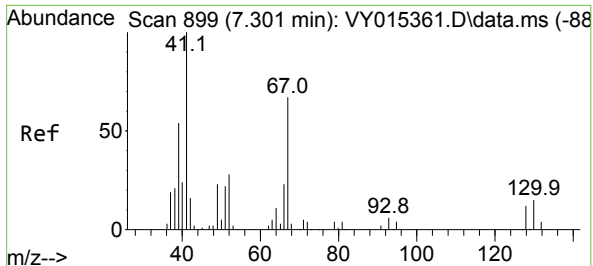
Tgt Ion: 78 Resp: 365447

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



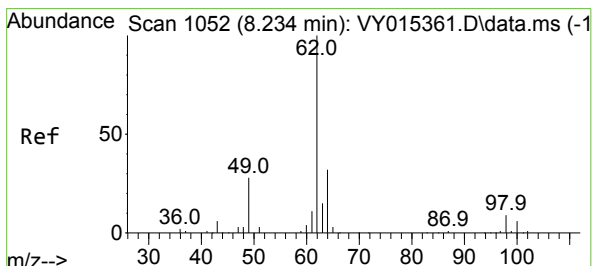
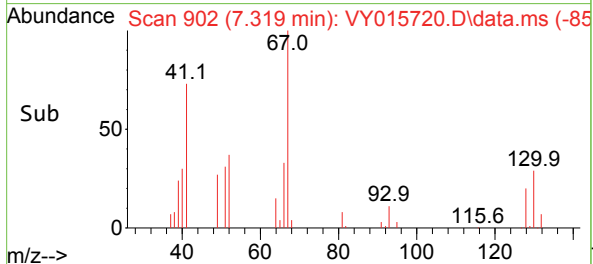
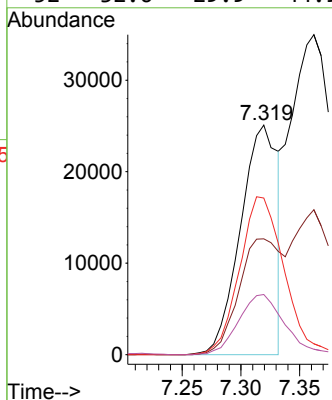
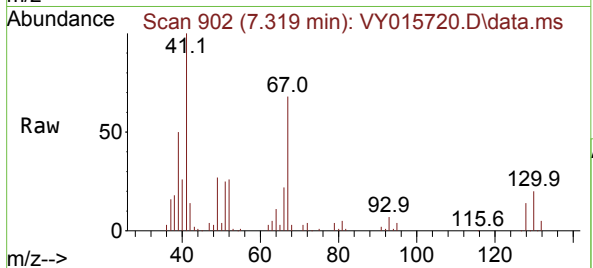


#41
Methacrylonitrile
Concen: 43.448 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 55283

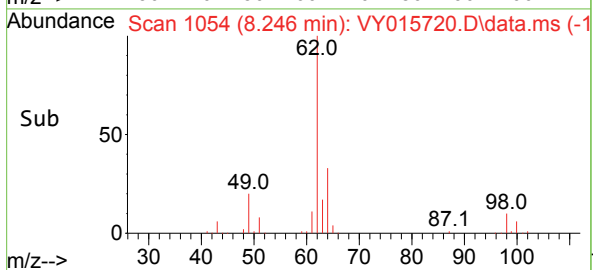
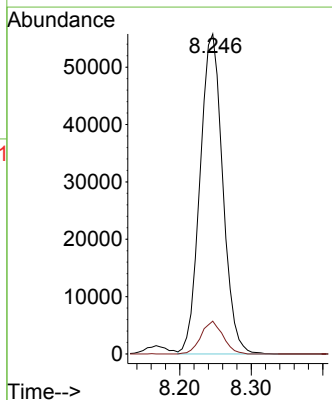
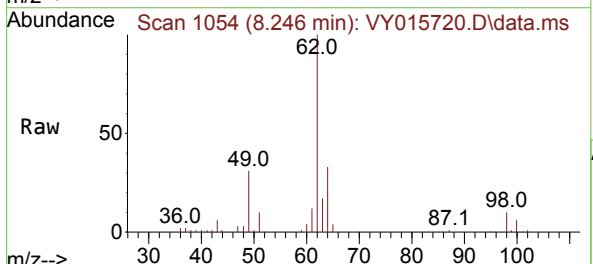
Ion	Ratio	Lower	Upper
41	100		
39	60.1	52.1	78.1
67	82.8	66.2	99.2
52	32.6	29.9	44.9

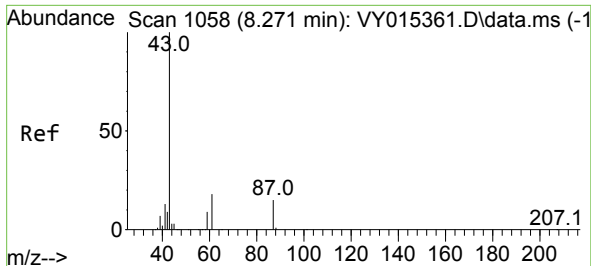


#42
1,2-Dichloroethane
Concen: 49.707 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 62 Resp: 122993

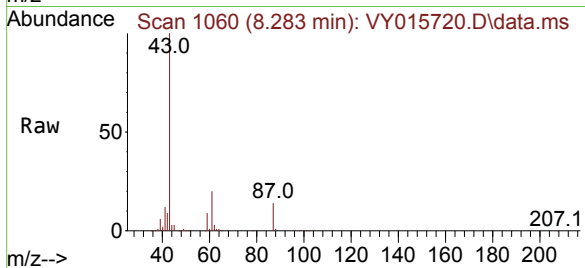
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8



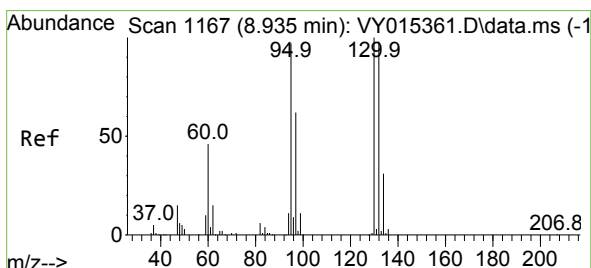
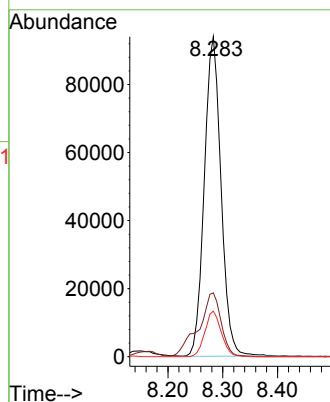
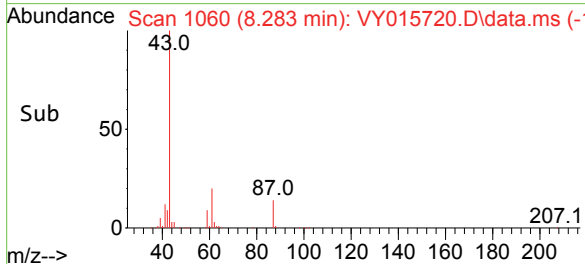


#43
Isopropyl Acetate
Concen: 49.307 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.019 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :

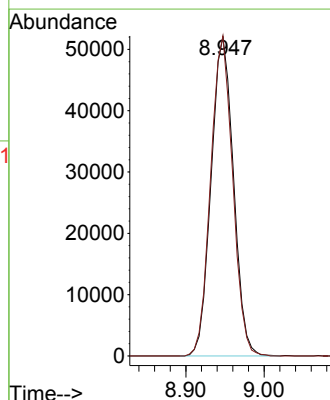
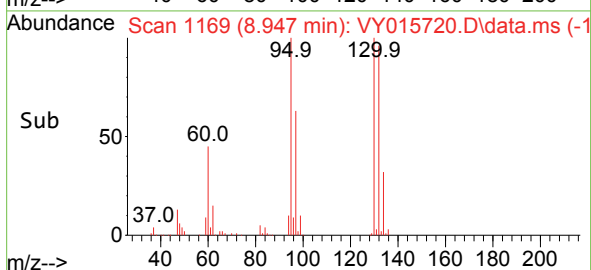
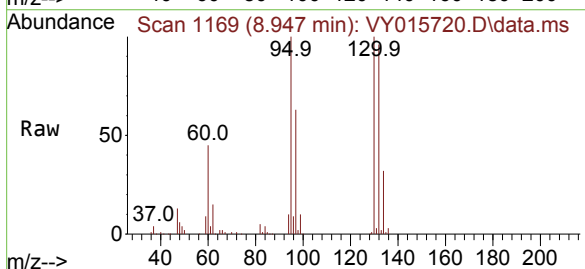


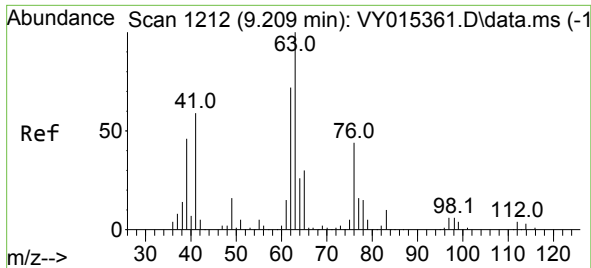
Tgt Ion: 43 Resp: 199034
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 51.079 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:130 Resp: 103072
Ion Ratio Lower Upper
130 100
95 100.4 0.0 196.0

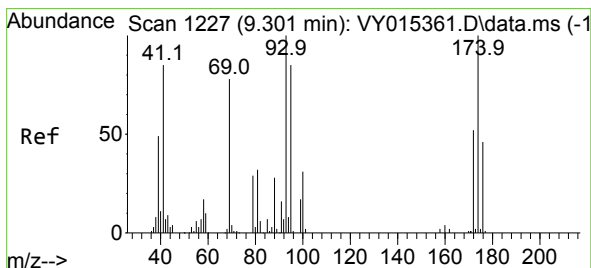
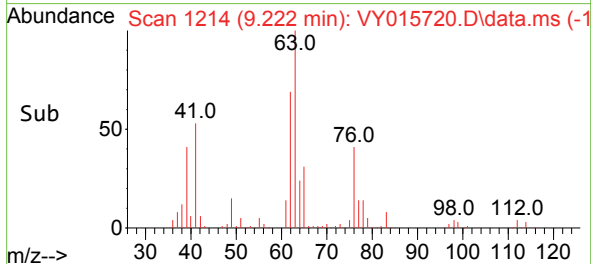
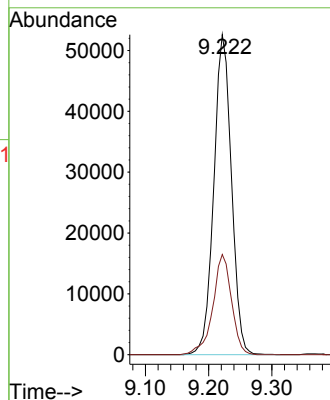
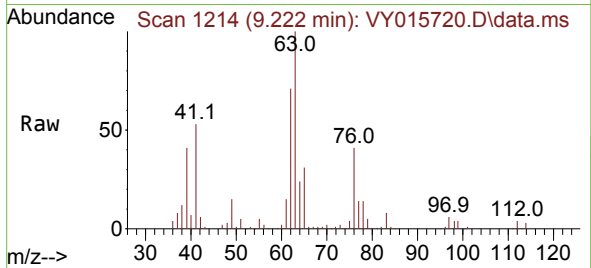




#45
1,2-Dichloropropane
Concen: 50.483 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

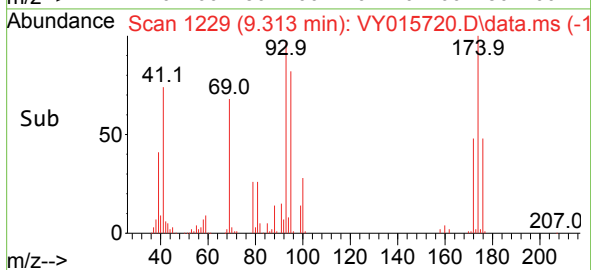
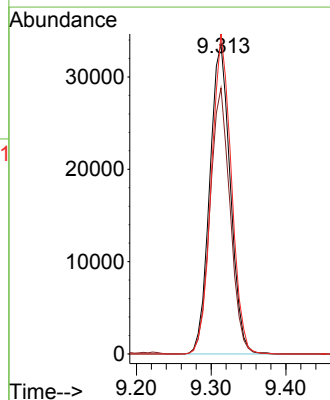
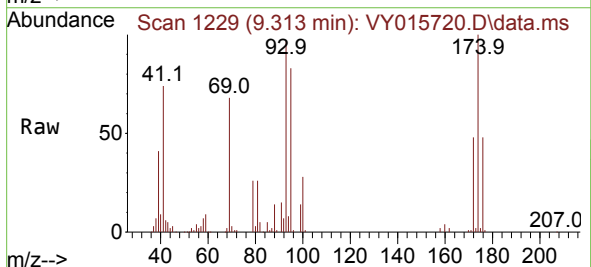
Instrument :
MSVOA_Y
ClientSampleId :

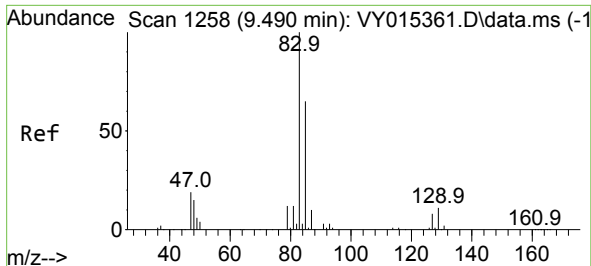
Tgt Ion: 63 Resp: 101712
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6



#46
Dibromomethane
Concen: 49.835 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 93 Resp: 64227
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 100.0 84.8 127.2

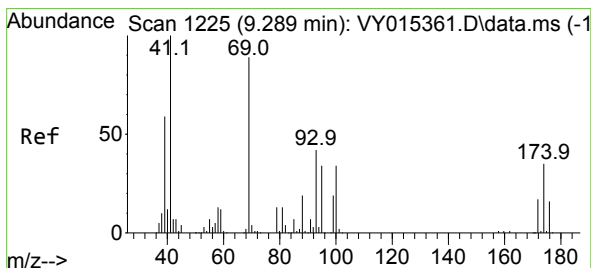
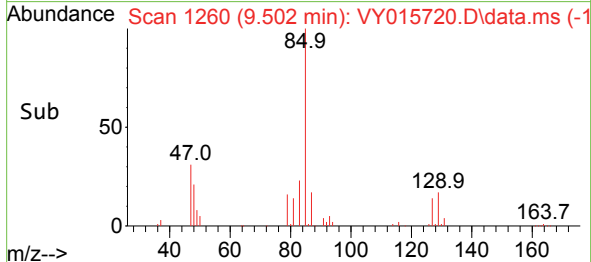
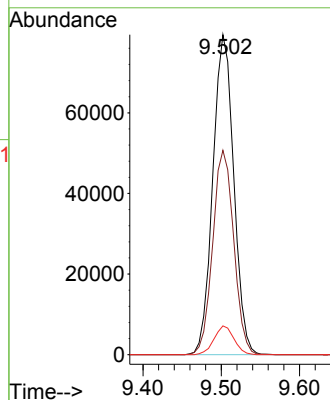
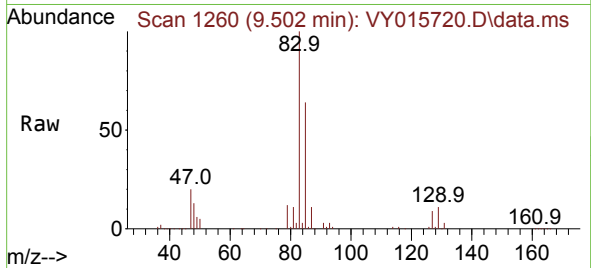




#47
Bromodichloromethane
Concen: 51.279 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

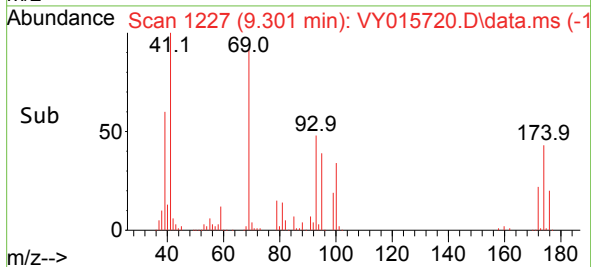
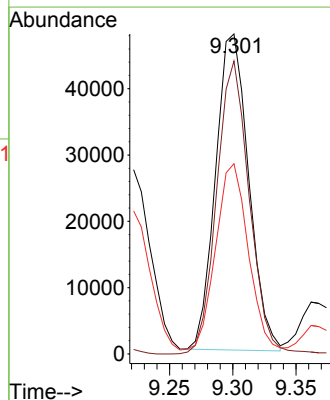
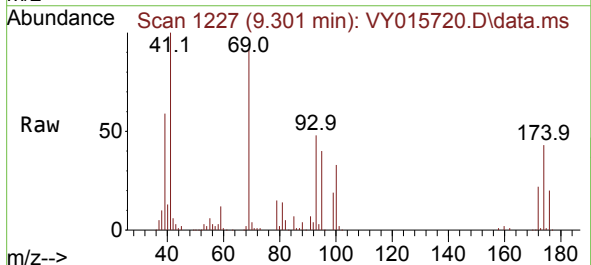
Instrument :
MSVOA_Y
ClientSampleId :

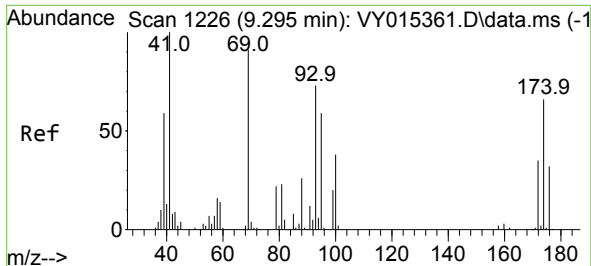
Tgt Ion: 83 Resp: 147309
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 49.018 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 41 Resp: 86851
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 60.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1015.932 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.042 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

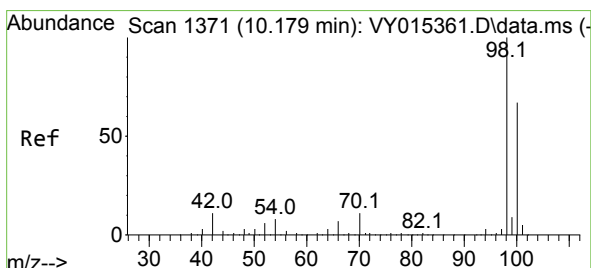
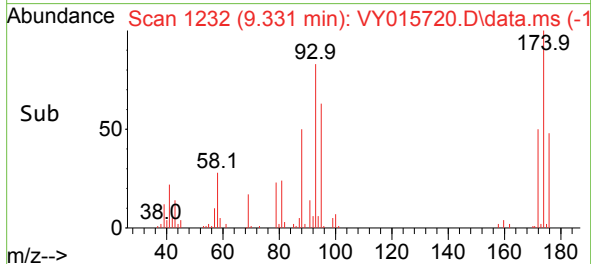
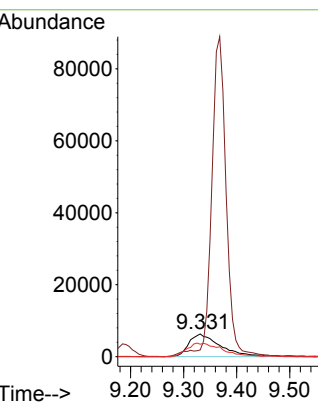
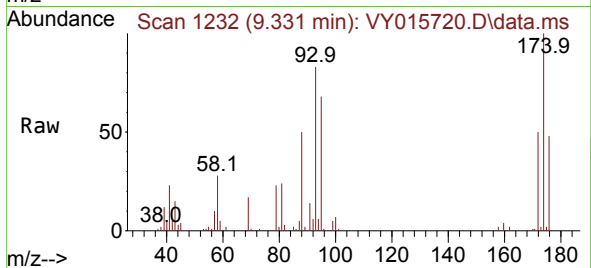
Tgt Ion: 88 Resp: 25867

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.4 30.9 46.3#



#50

Toluene-d8

Concen: 56.571 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015720.D

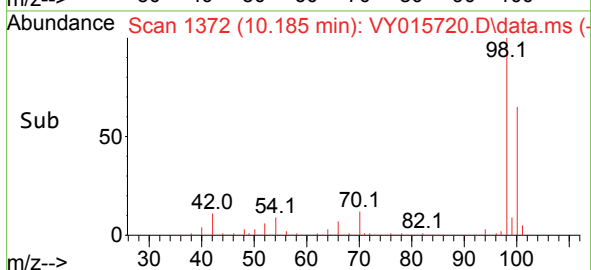
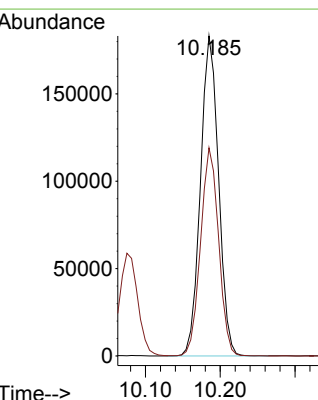
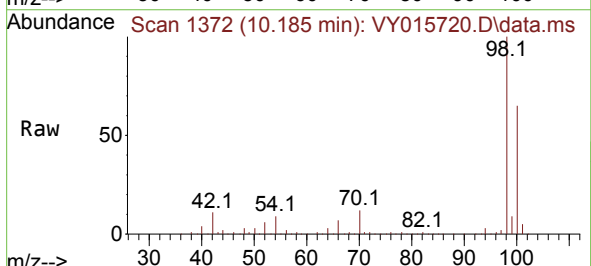
Acq: 27 Sep 2023 09:32

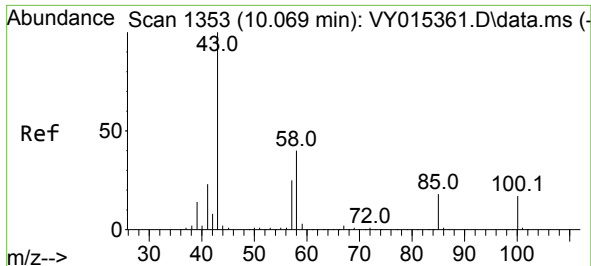
Tgt Ion: 98 Resp: 307341

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

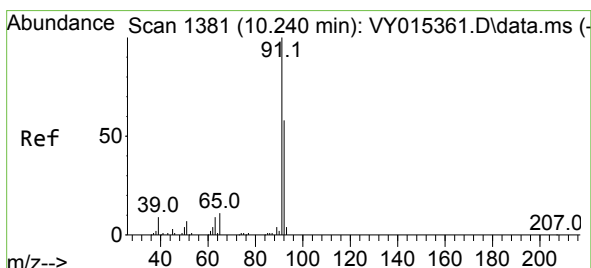
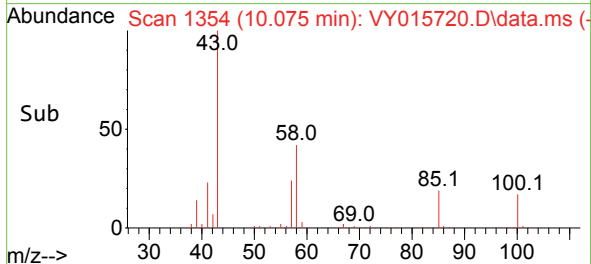
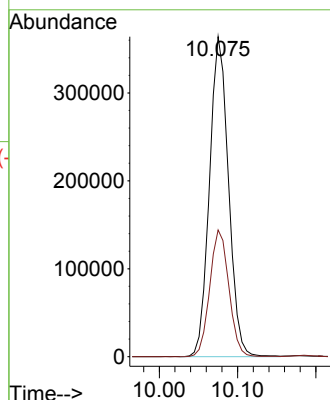
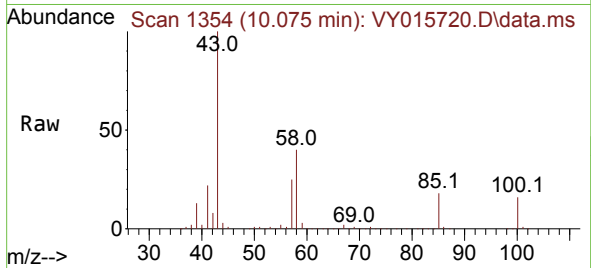




#51
4-Methyl-2-Pentanone
Concen: 245.123 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

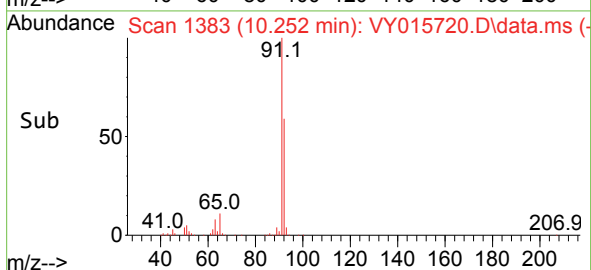
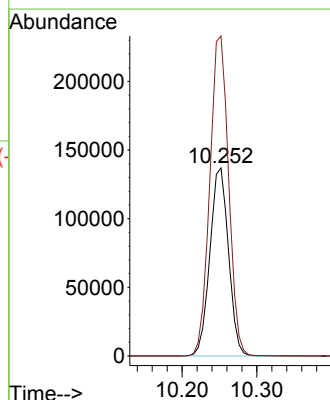
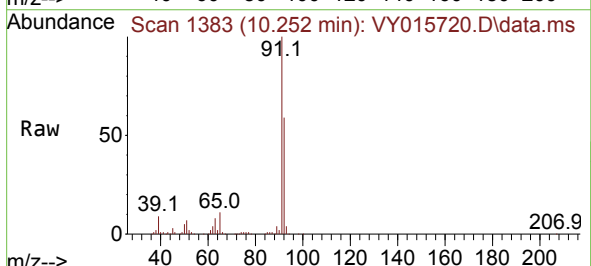
Instrument :
MSVOA_Y
ClientSampleId :

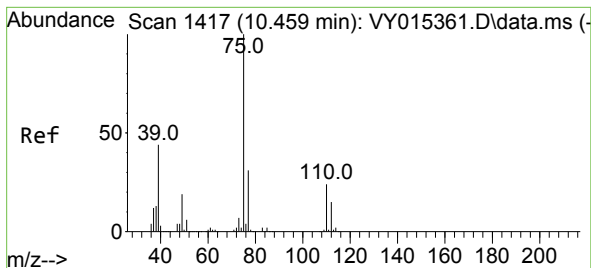
Tgt Ion: 43 Resp: 613295
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 50.752 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 92 Resp: 236392
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

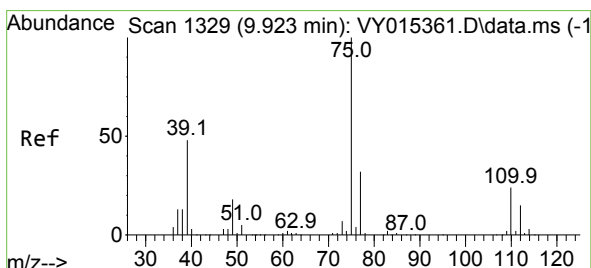
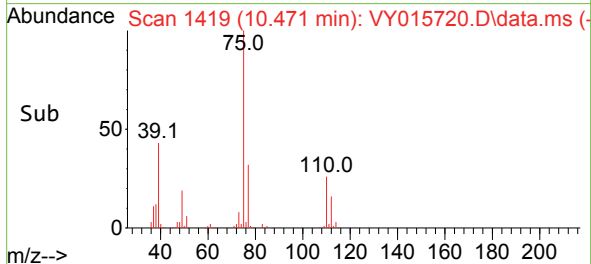
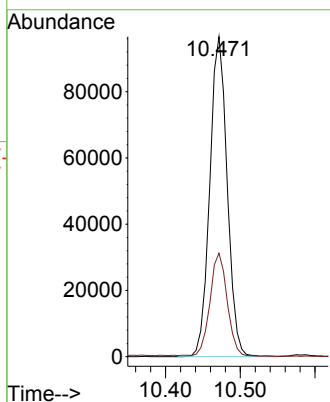
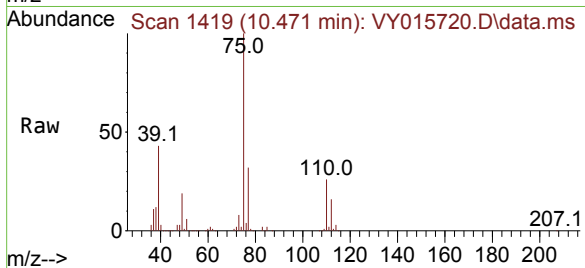




#53
t-1,3-Dichloropropene
Concen: 50.696 ug/l
RT: 10.471 min Scan# 1417
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

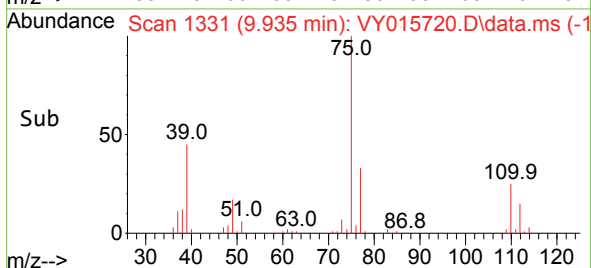
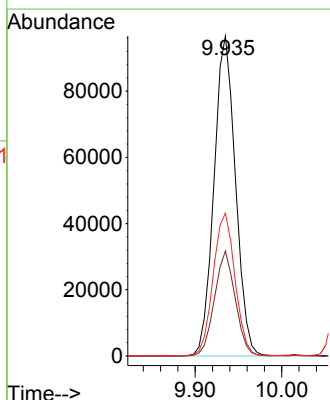
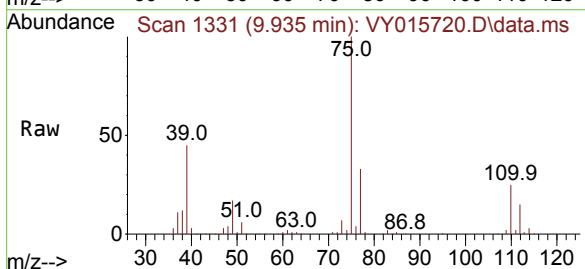
Instrument :
MSVOA_Y
ClientSampleId :

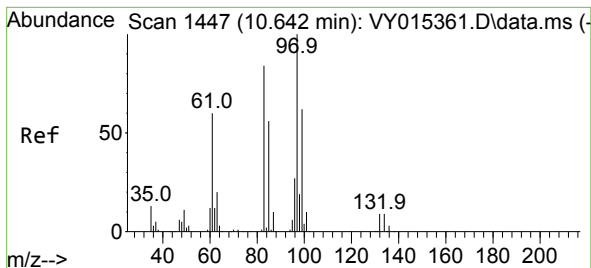
Tgt Ion: 75 Resp: 156173
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.283 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 75 Resp: 166740
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.4
39 44.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.782 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 94023

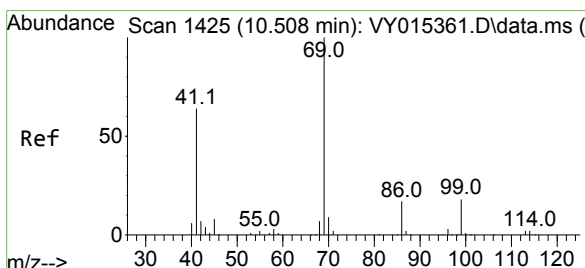
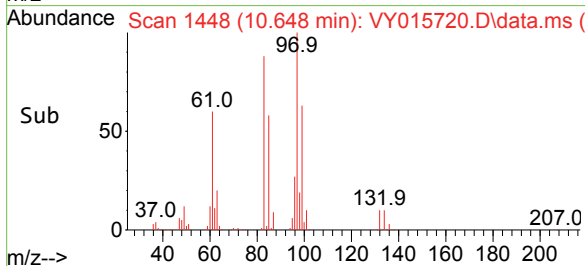
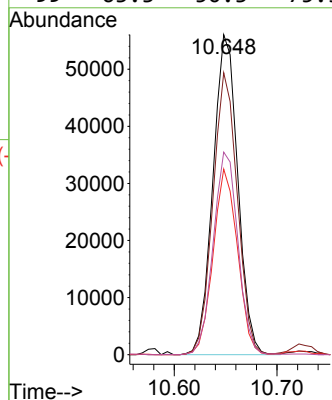
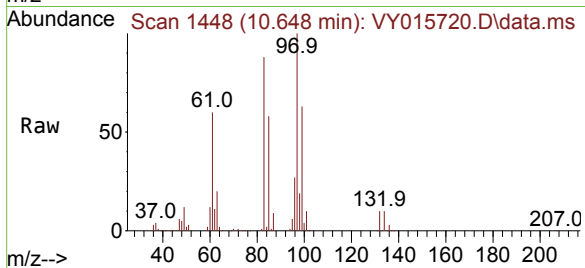
Ion Ratio Lower Upper

97 100

83 88.1 72.0 108.0

85 58.0 45.4 68.0

99 63.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.113 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

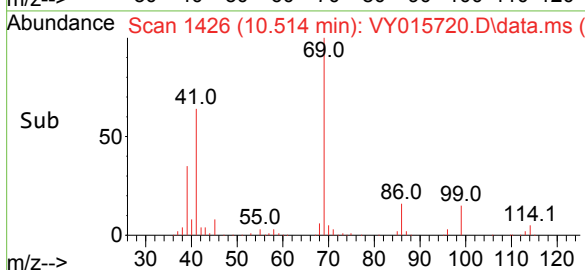
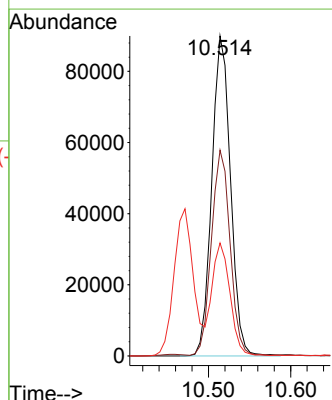
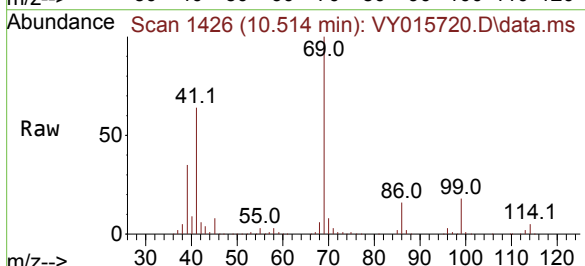
Tgt Ion: 69 Resp: 142266

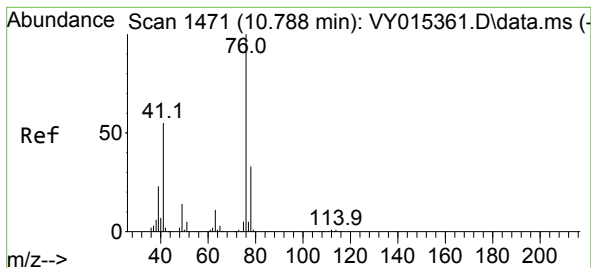
Ion Ratio Lower Upper

69 100

41 63.8 57.6 86.4

39 33.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.050 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

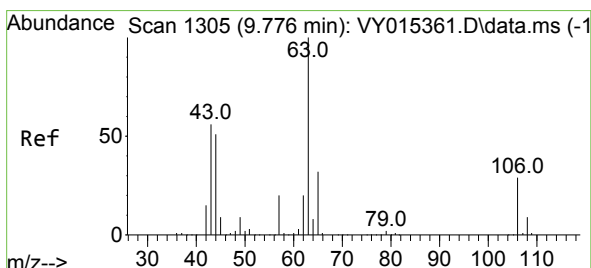
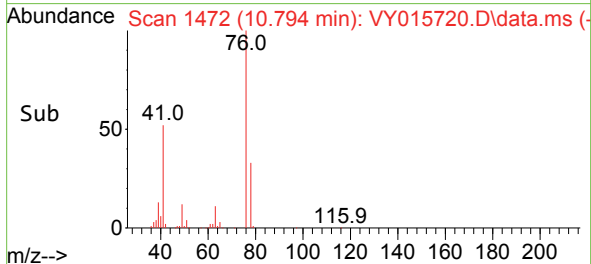
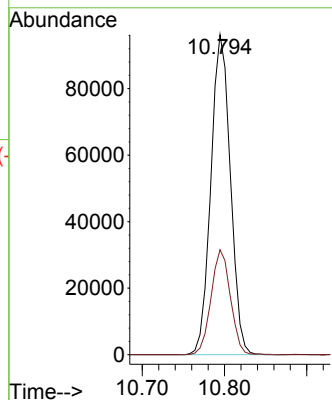
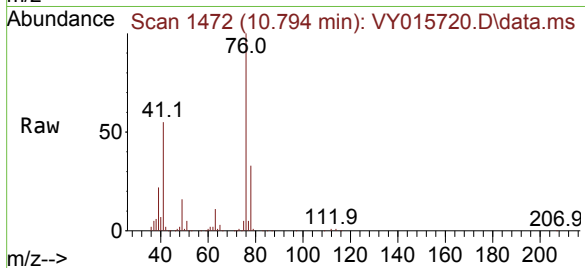
ClientSampleId :

Tgt Ion: 76 Resp: 158525

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 235.943 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015720.D

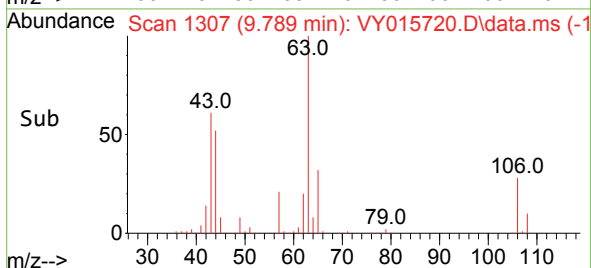
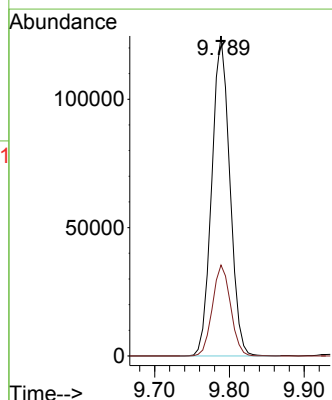
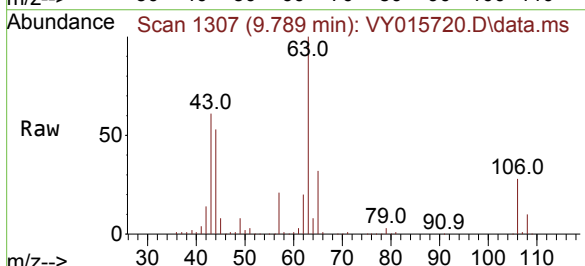
Acq: 27 Sep 2023 09:32

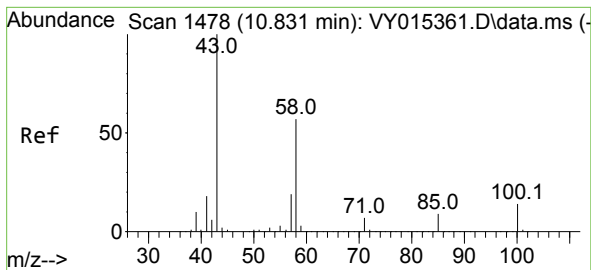
Tgt Ion: 63 Resp: 208601

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

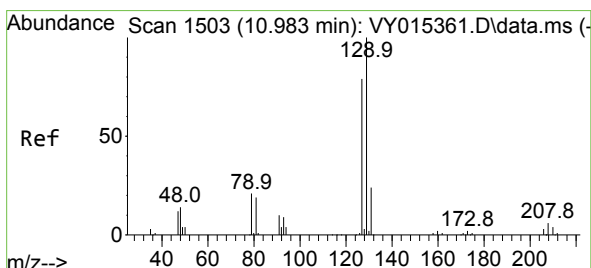
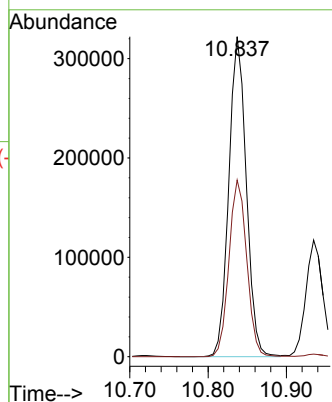
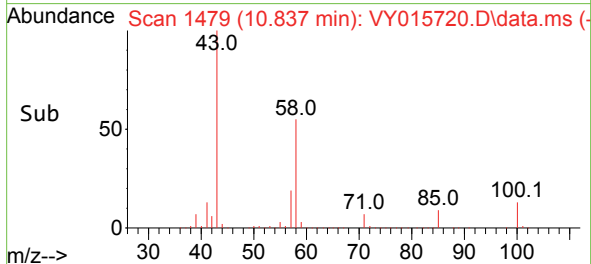
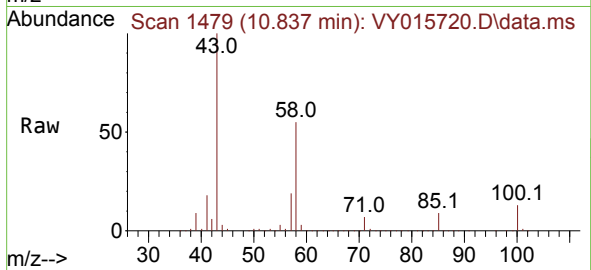




#59
2-Hexanone
Concen: 260.238 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

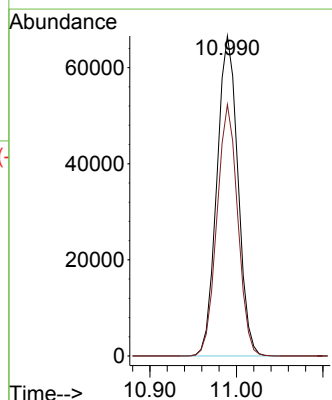
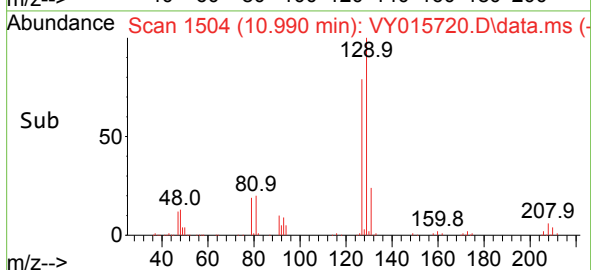
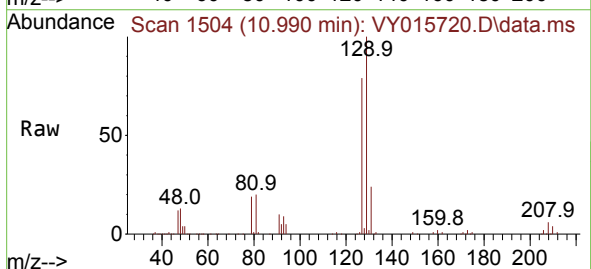
Instrument :
MSVOA_Y
ClientSampleId :

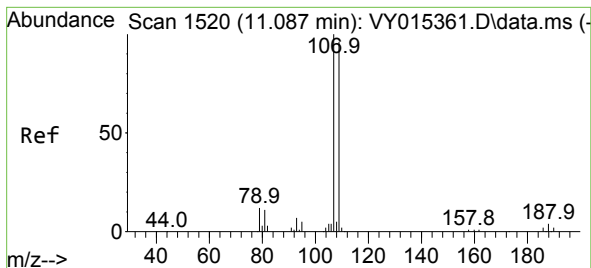
Tgt Ion: 43 Resp: 499541
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 50.891 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:129 Resp: 112203
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

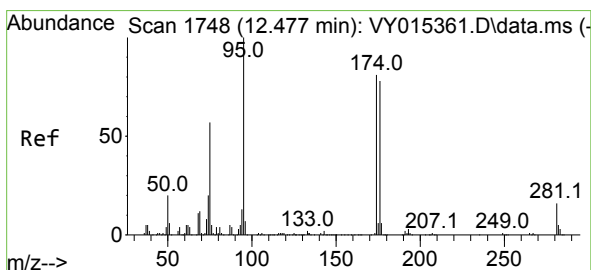
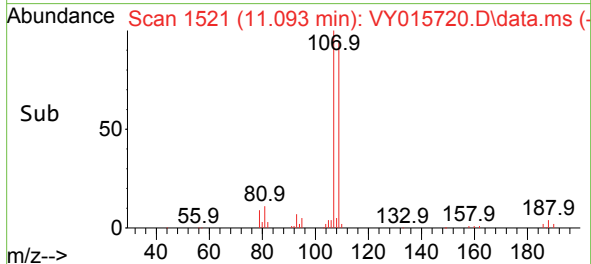
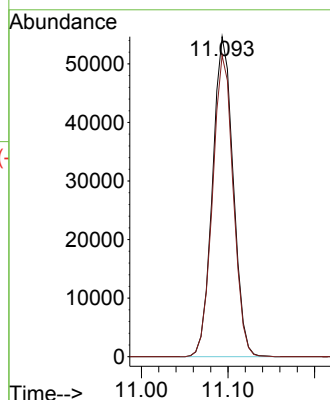
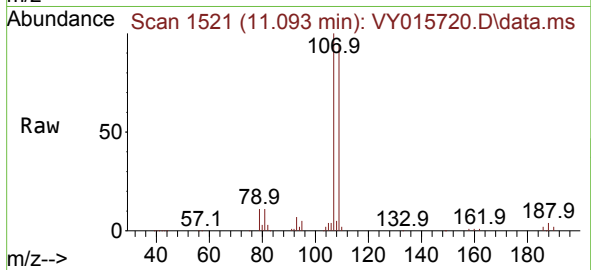




#61
1,2-Dibromoethane
Concen: 49.021 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

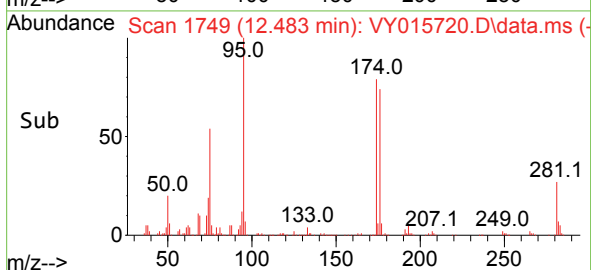
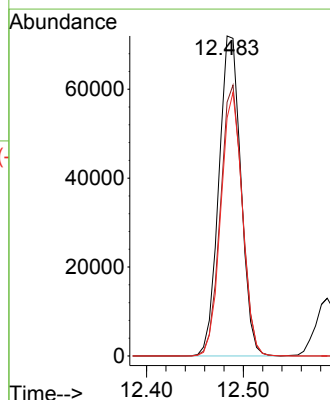
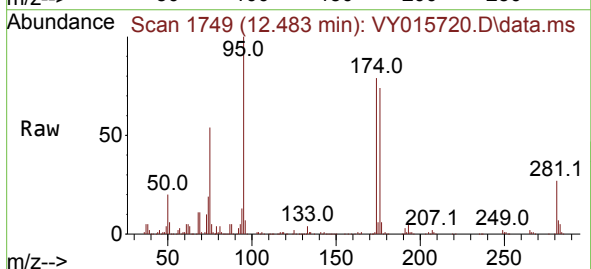
Instrument :
MSVOA_Y
ClientSampleId :

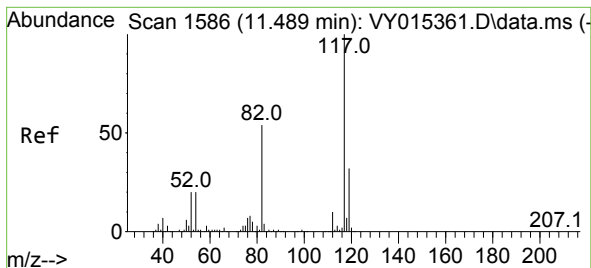
Tgt Ion:107 Resp: 90578
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 95 Resp: 113691
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

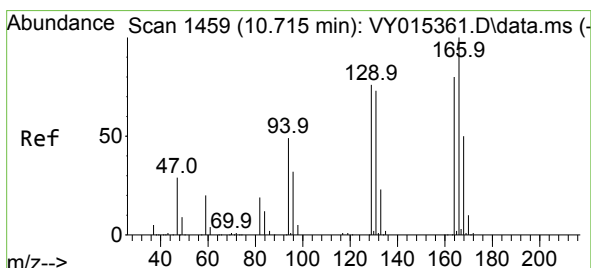
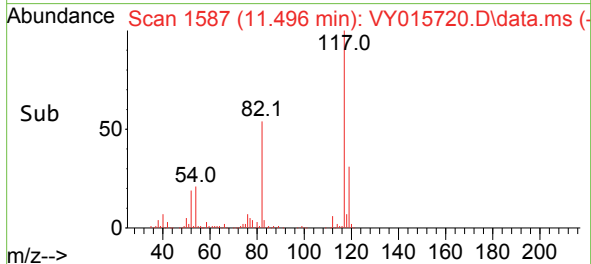
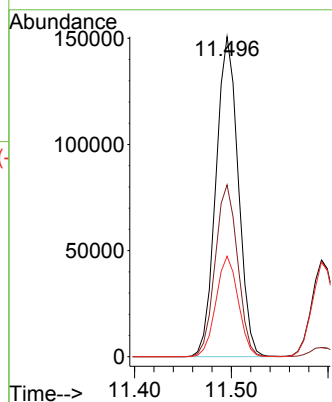
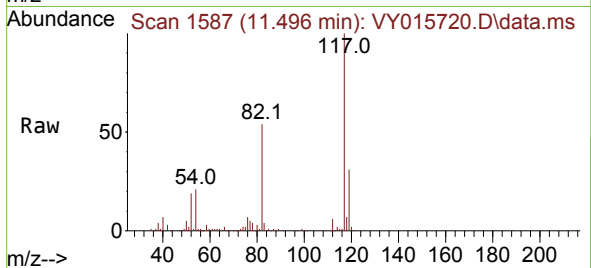
Tgt Ion:117 Resp: 241016

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 53.535 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Tgt Ion:164 Resp: 110701

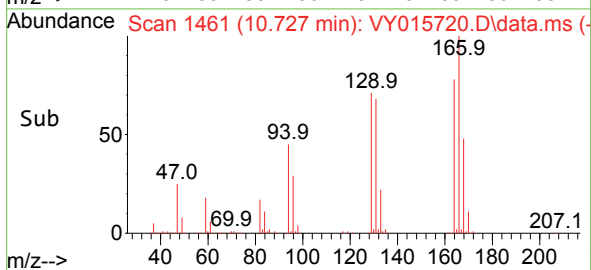
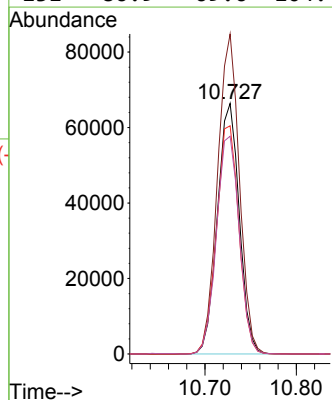
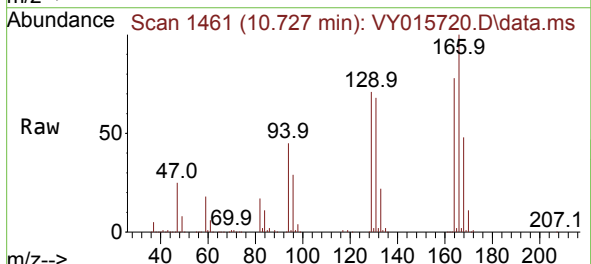
Ion Ratio Lower Upper

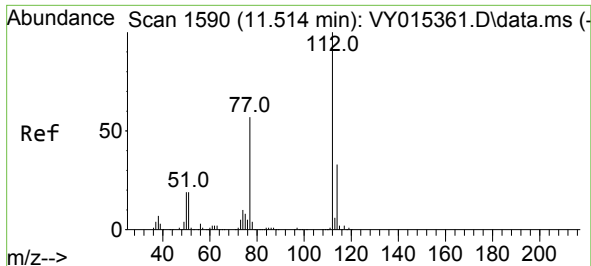
164 100

166 127.7 103.0 154.6

129 91.1 77.2 115.8

131 86.9 69.6 104.4

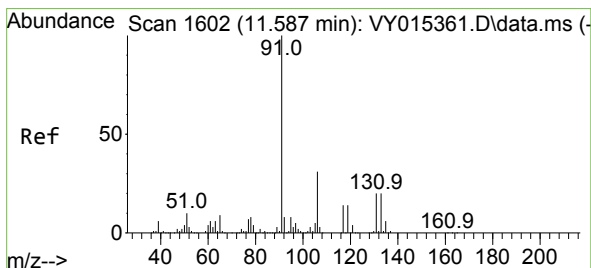
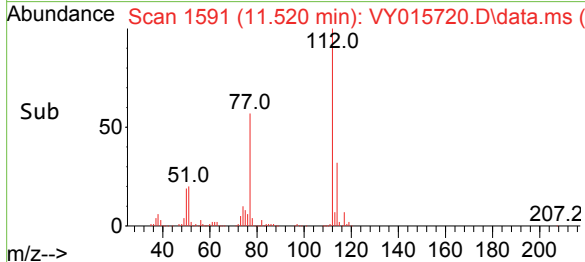
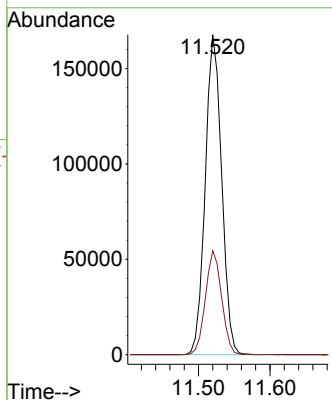
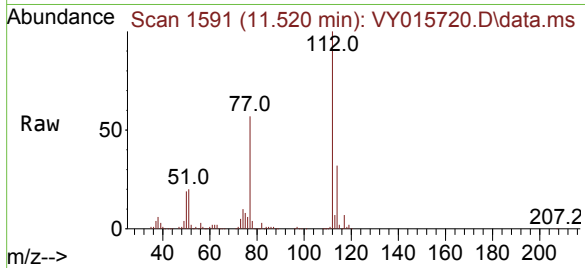




#65
Chlorobenzene
Concen: 50.824 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

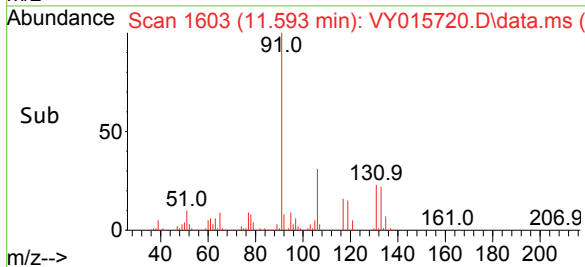
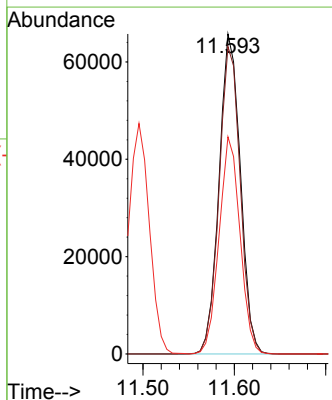
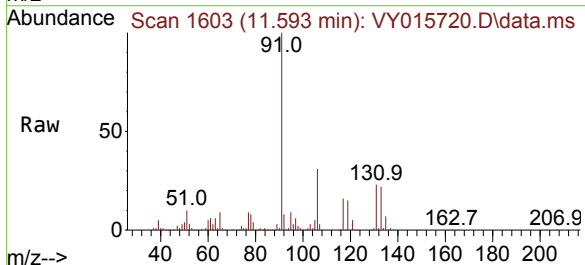
Instrument :
MSVOA_Y
ClientSampleId :

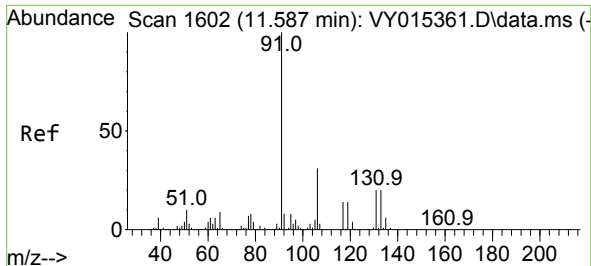
Tgt Ion:112 Resp: 267382
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.152 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:131 Resp: 106575
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 66.7 31.6 94.7





#67

Ethyl Benzene

Concen: 52.056 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

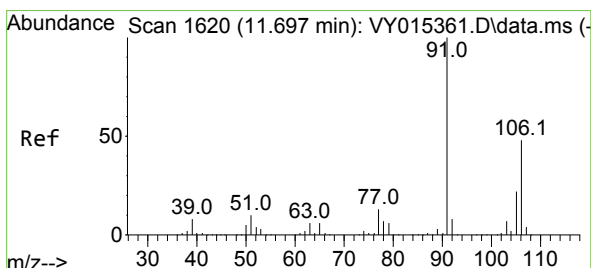
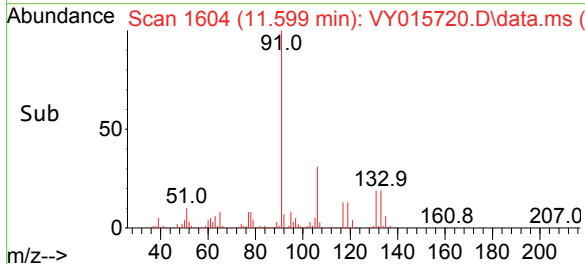
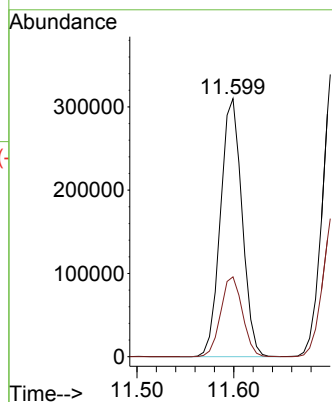
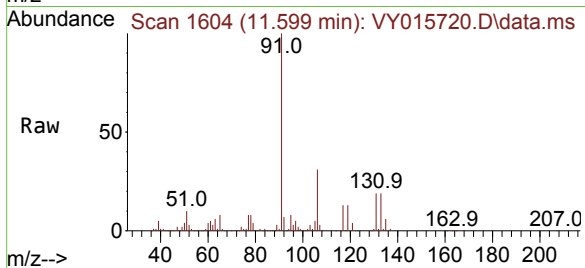
ClientSampleId :

Tgt Ion: 91 Resp: 478677

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 104.076 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015720.D

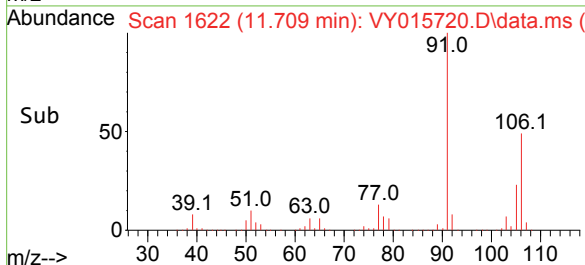
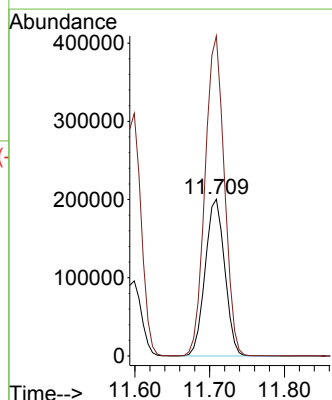
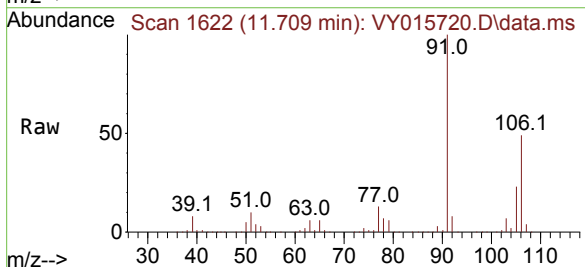
Acq: 27 Sep 2023 09:32

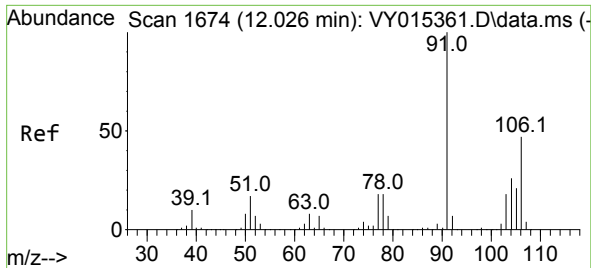
Tgt Ion:106 Resp: 363752

Ion Ratio Lower Upper

106 100

91 201.6 166.1 249.1

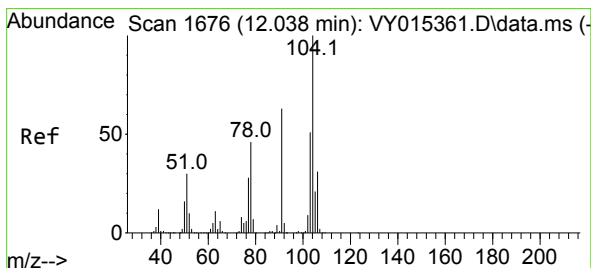
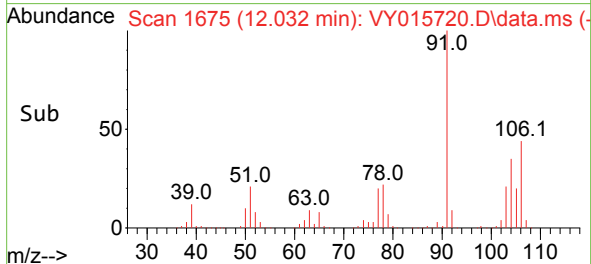
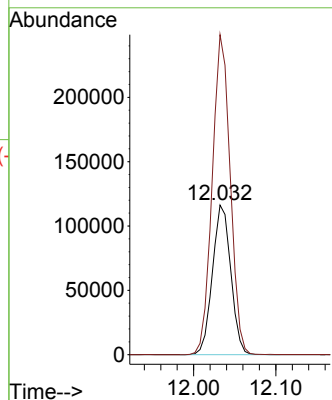
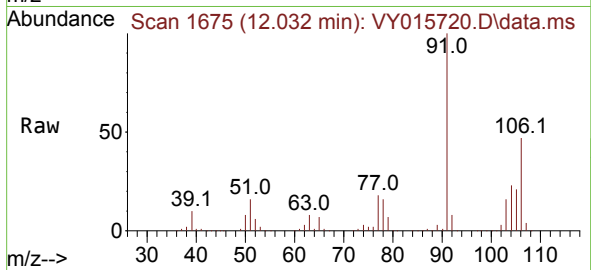




#69
o-Xylene
Concen: 52.637 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

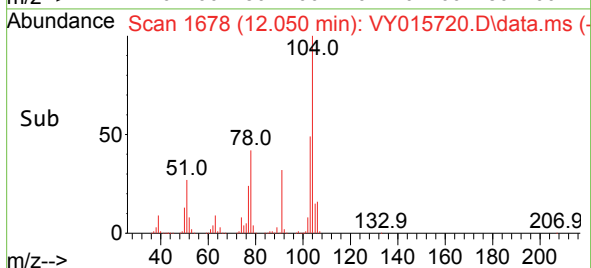
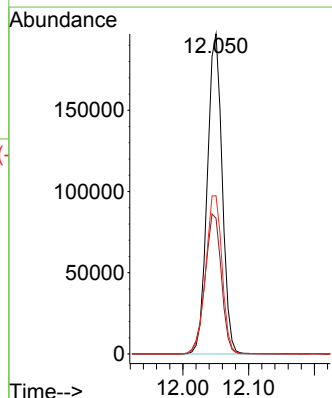
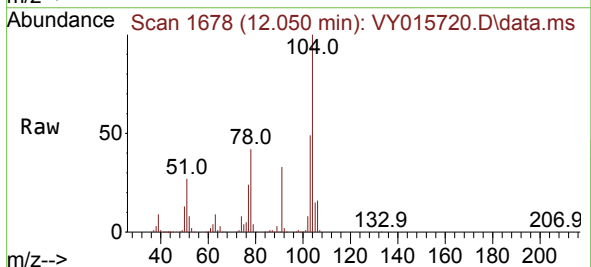
Instrument :
MSVOA_Y
ClientSampleId :

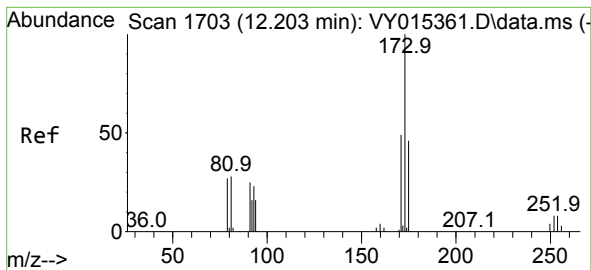
Tgt Ion:106 Resp: 180397
Ion Ratio Lower Upper
106 100
91 210.0 108.1 324.3



#70
Styrene
Concen: 52.861 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:104 Resp: 310098
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 53.057 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

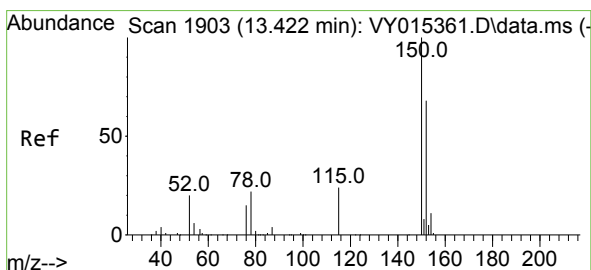
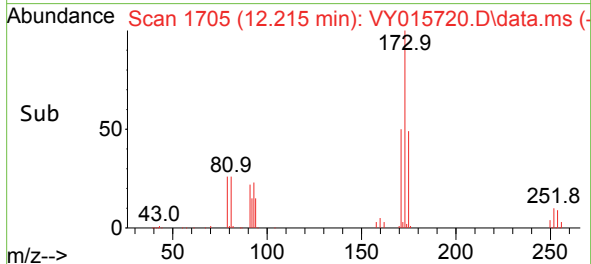
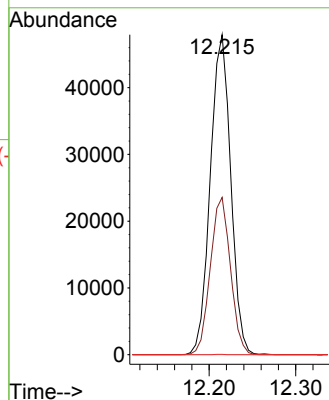
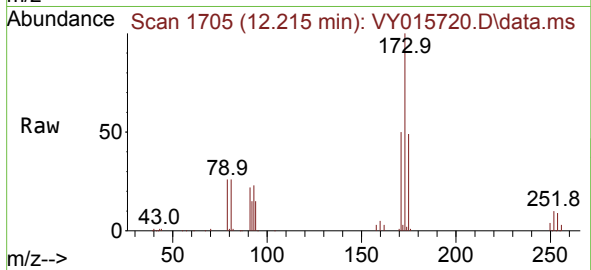
Tgt Ion:173 Resp: 78571

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

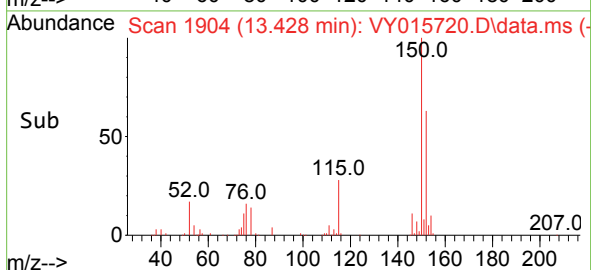
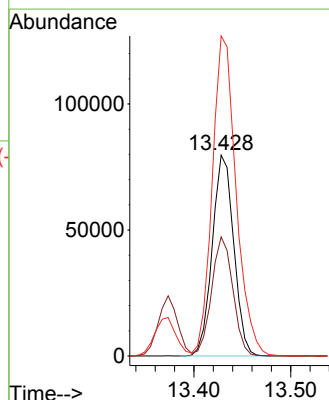
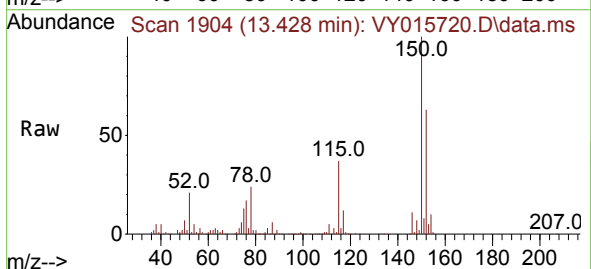
Tgt Ion:152 Resp: 123067

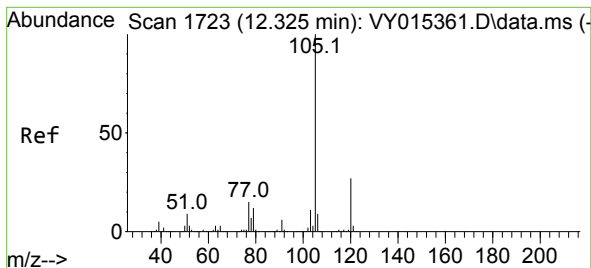
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 176.7 0.0 348.8





#73

Isopropylbenzene

Concen: 51.937 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

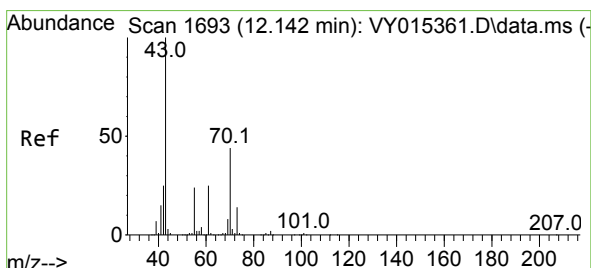
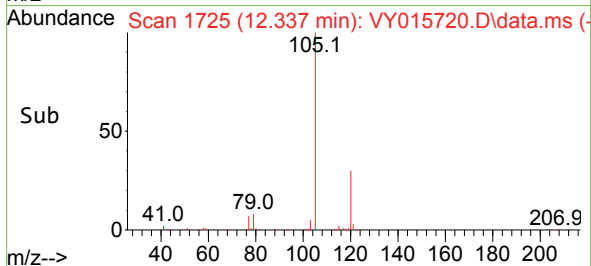
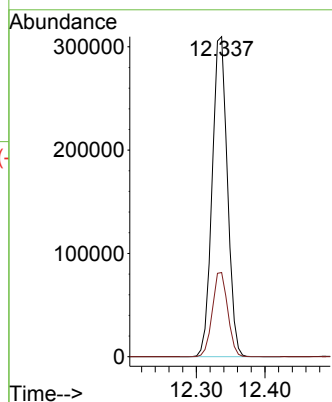
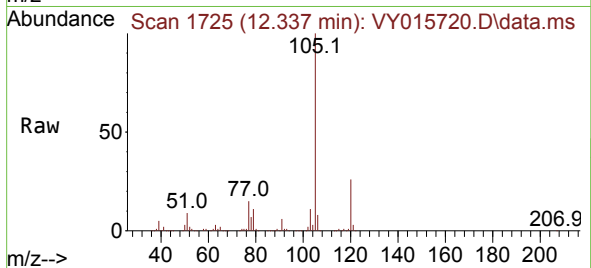
ClientSampleId :

Tgt Ion:105 Resp: 479487

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 51.060 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Tgt Ion: 43 Resp: 177172

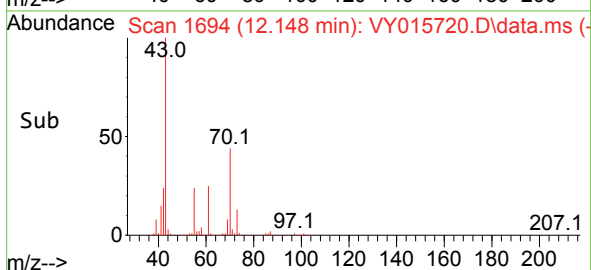
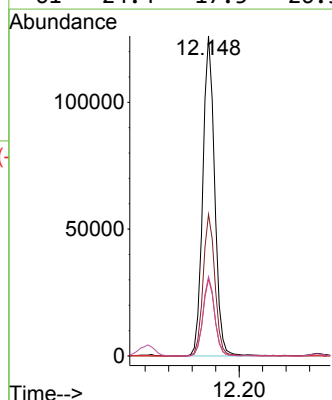
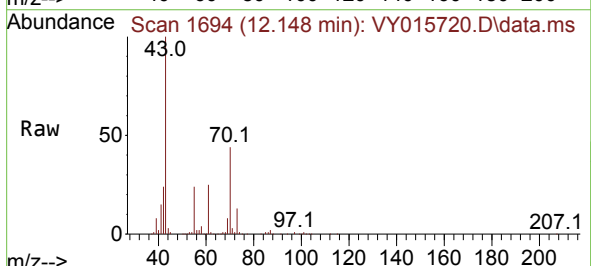
Ion Ratio Lower Upper

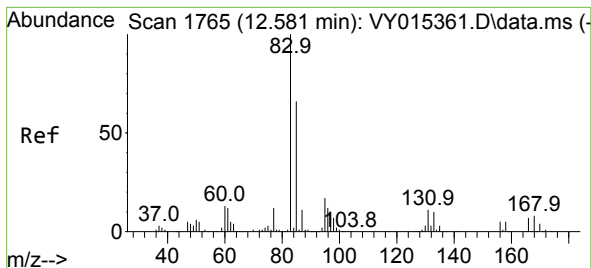
43 100

70 44.1 29.7 44.5

55 24.0 18.3 27.5

61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.840 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

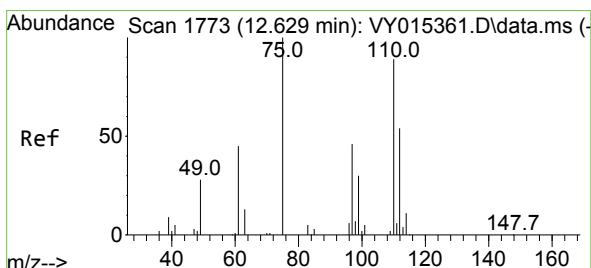
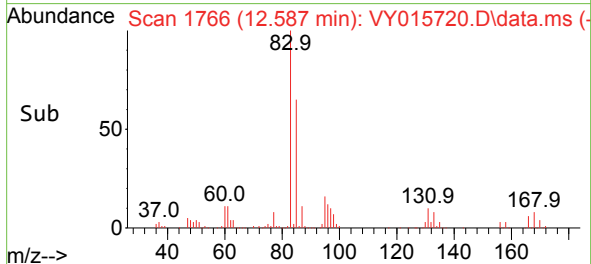
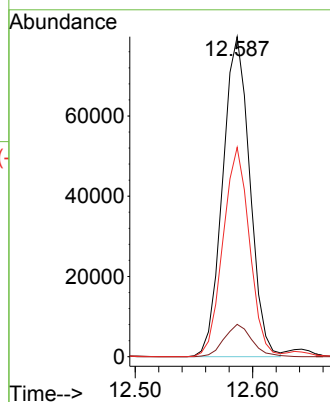
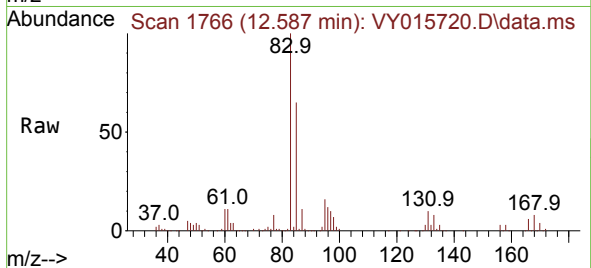
Tgt Ion: 83 Resp: 128058

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.882 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015720.D

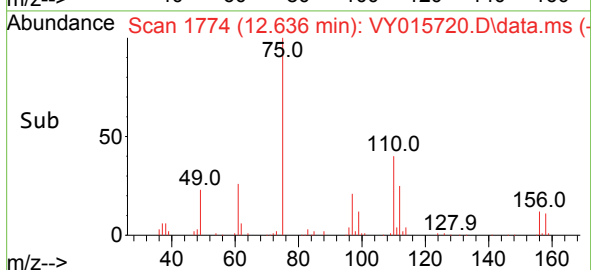
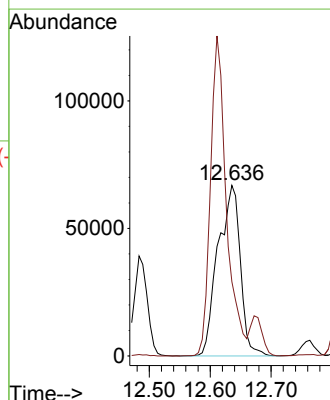
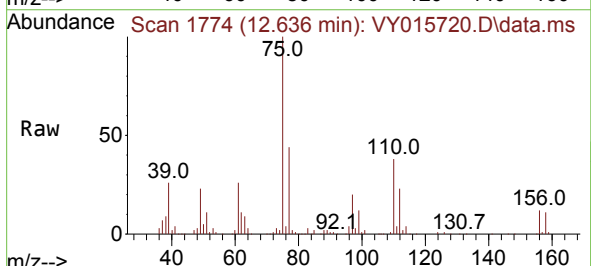
Acq: 27 Sep 2023 09:32

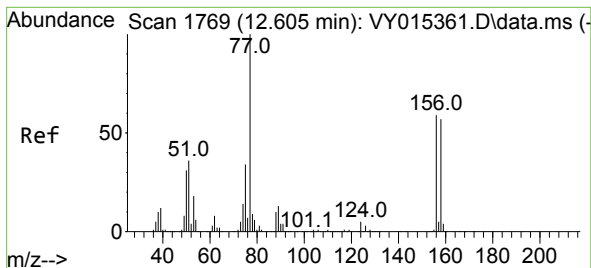
Tgt Ion: 75 Resp: 170578

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.914 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

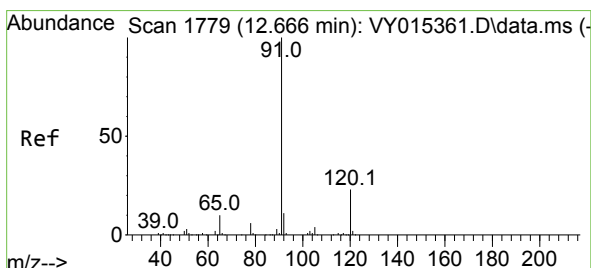
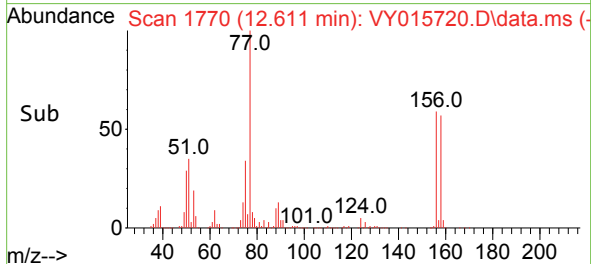
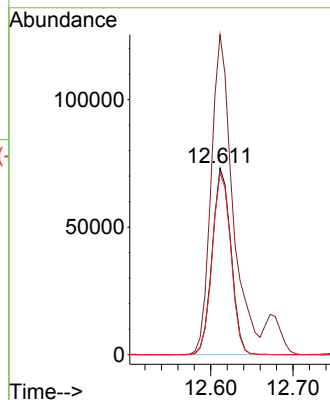
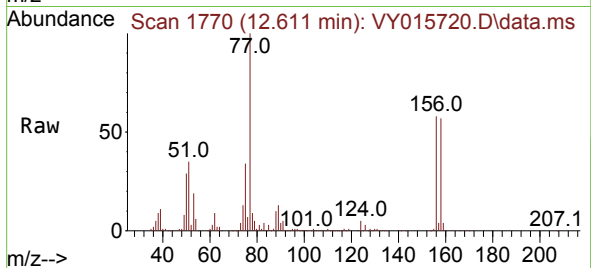
Tgt Ion:156 Resp: 115382

Ion Ratio Lower Upper

156 100

77 198.3 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 51.806 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015720.D

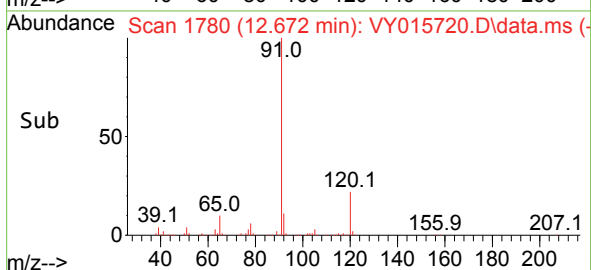
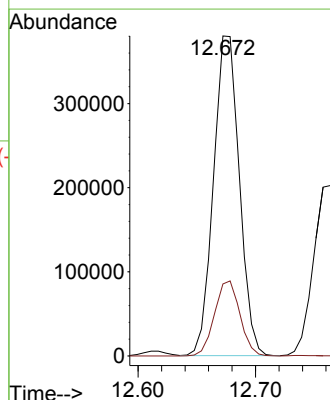
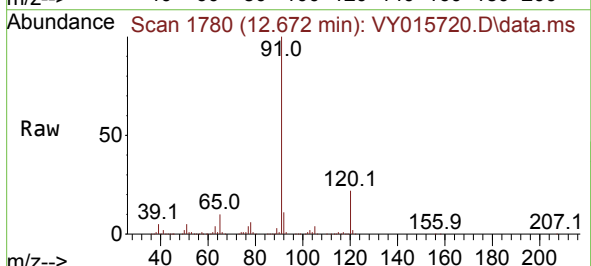
Acq: 27 Sep 2023 09:32

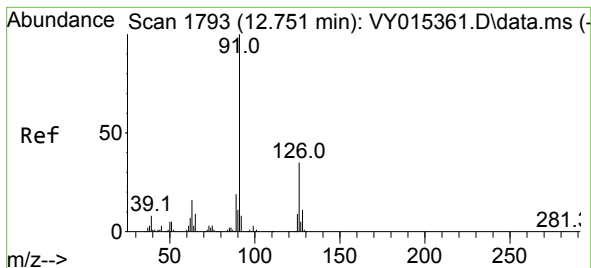
Tgt Ion: 91 Resp: 581043

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

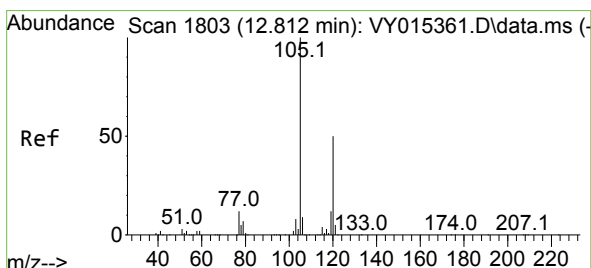
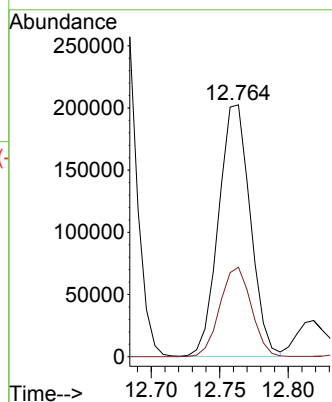
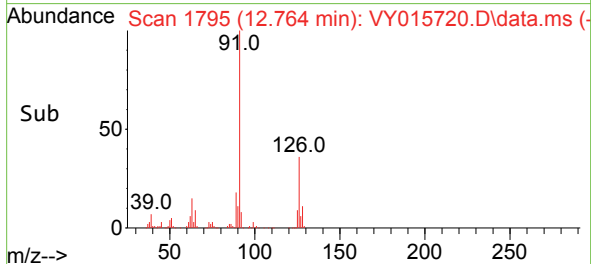
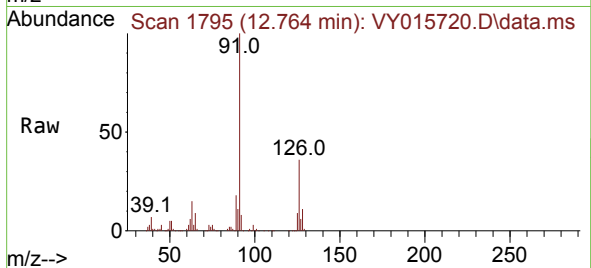




#79
2-Chlorotoluene
Concen: 51.095 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.013 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

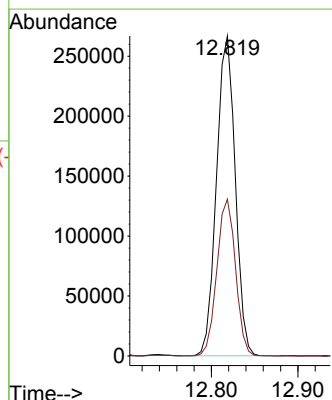
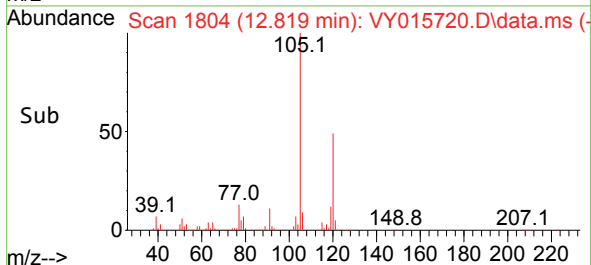
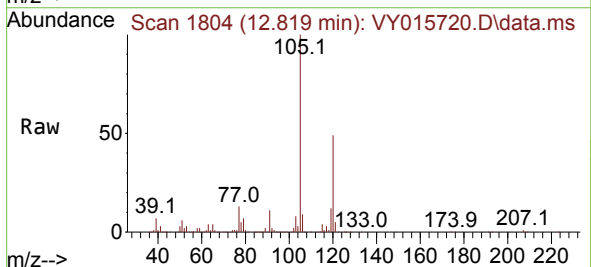
Instrument :
MSVOA_Y
ClientSampleId :

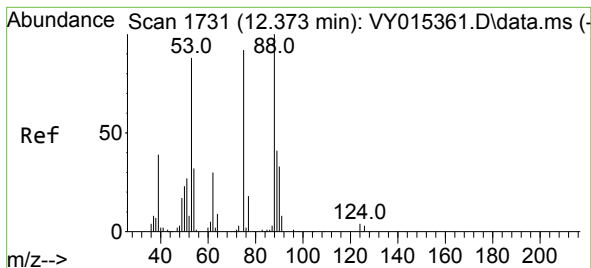
Tgt Ion: 91 Resp: 326657
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.864 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:105 Resp: 400850
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

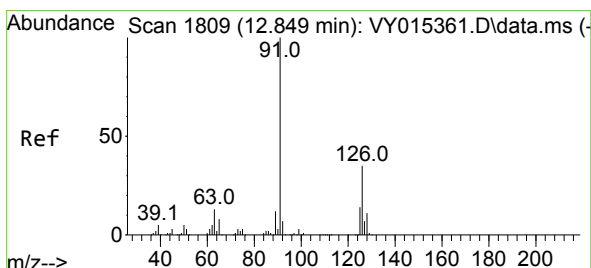
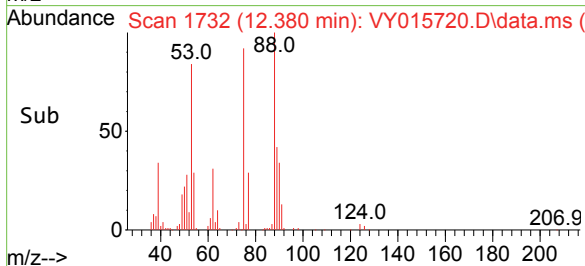
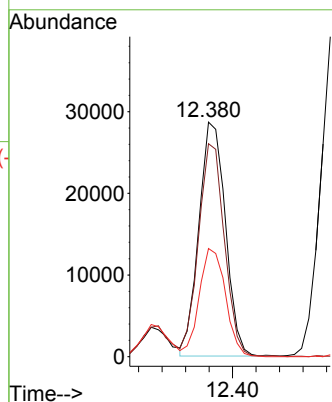
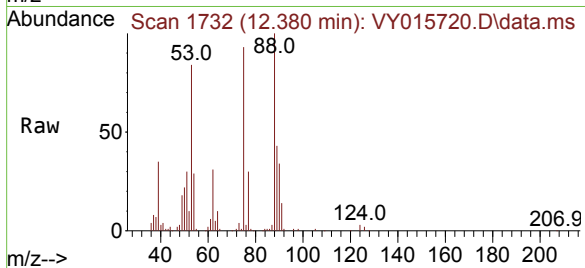




#81
trans-1,4-Dichloro-2-butene
Concen: 51.536 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

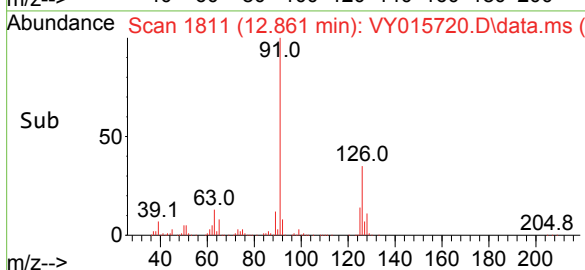
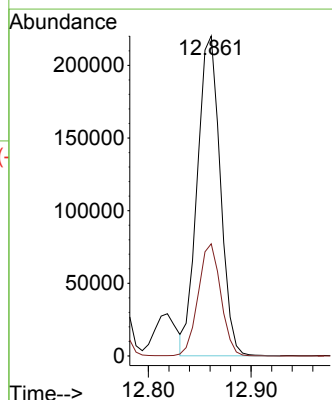
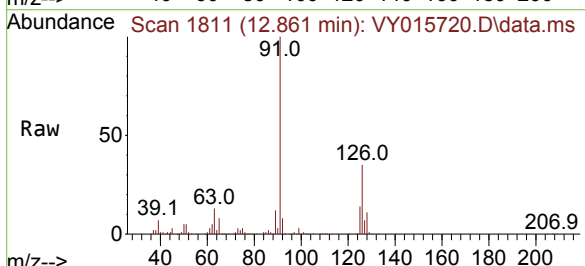
Instrument :
MSVOA_Y
ClientSampleId :

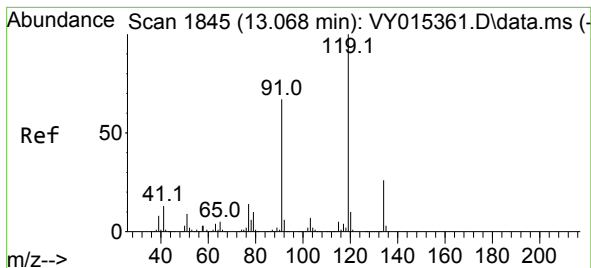
Tgt Ion: 75 Resp: 44932
Ion Ratio Lower Upper
75 100
53 89.3 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.182 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 91 Resp: 341594
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.018 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

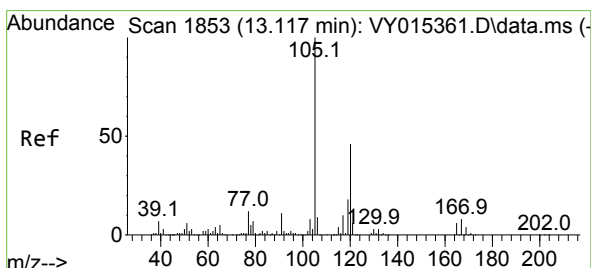
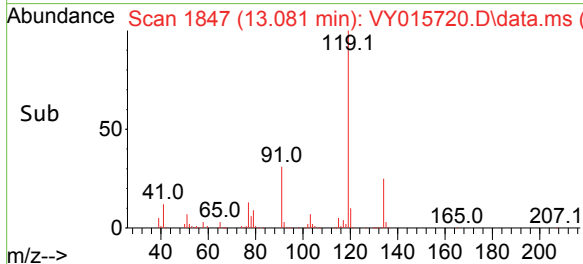
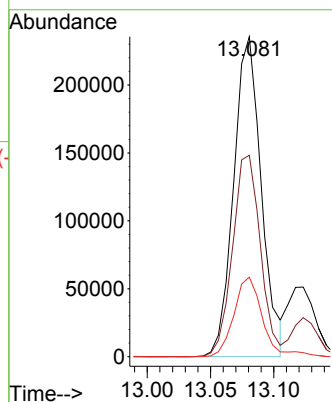
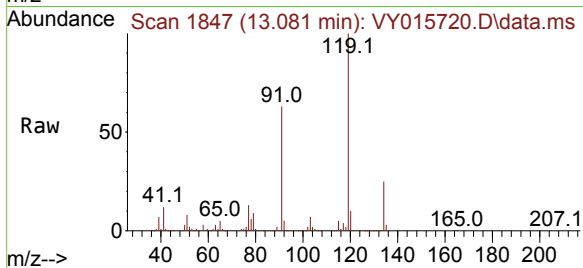
Tgt Ion:119 Resp: 358893

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.785 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015720.D

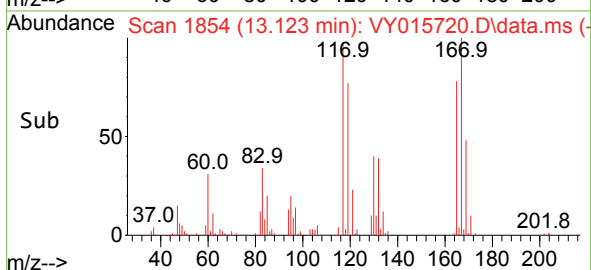
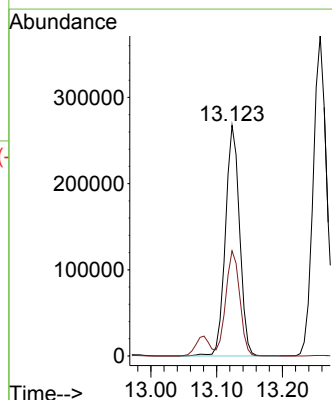
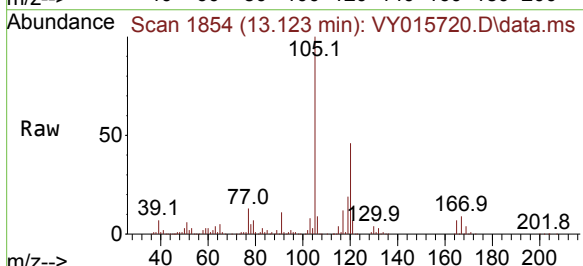
Acq: 27 Sep 2023 09:32

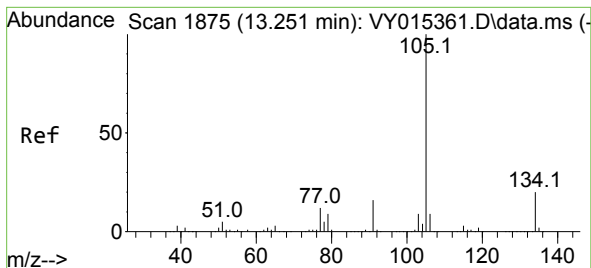
Tgt Ion:105 Resp: 400469

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.354 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

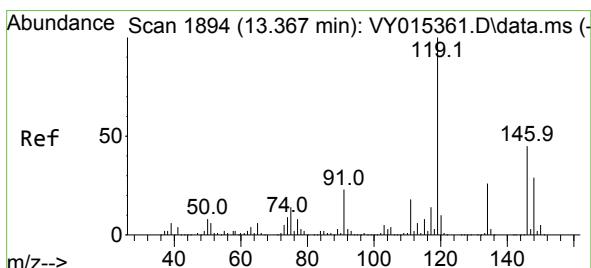
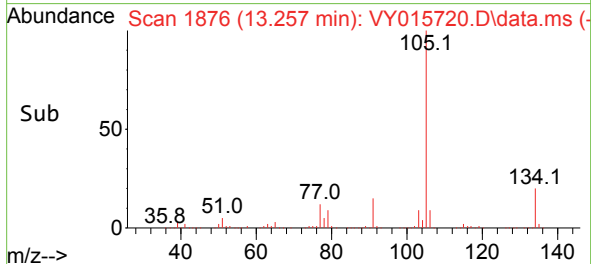
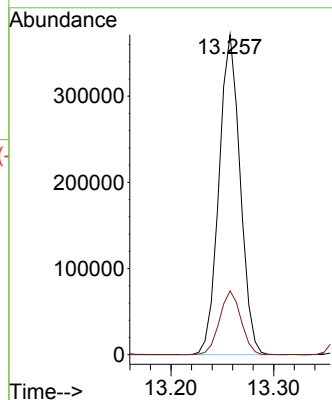
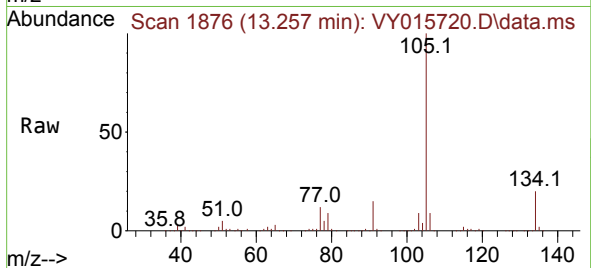
ClientSampleId :

Tgt Ion:105 Resp: 530368

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.154 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

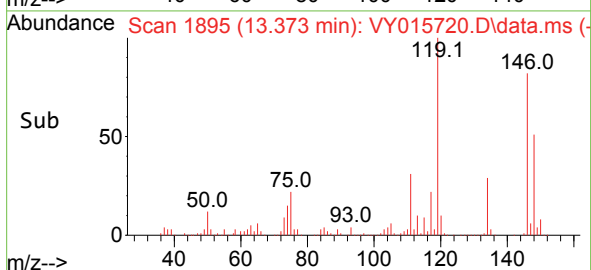
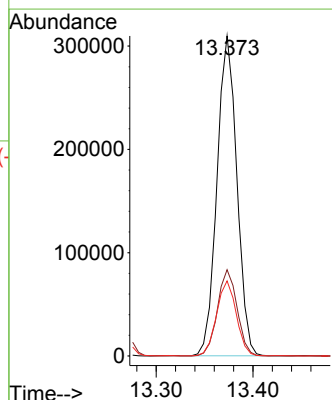
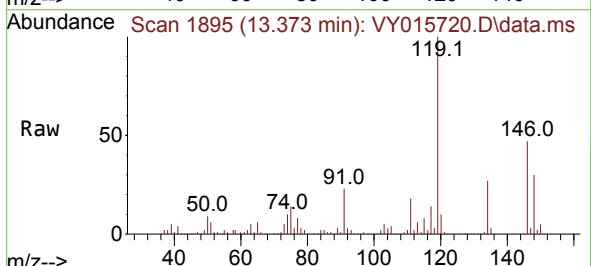
Tgt Ion:119 Resp: 441328

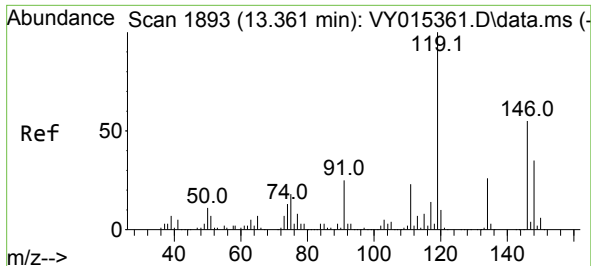
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.3 12.4 37.4

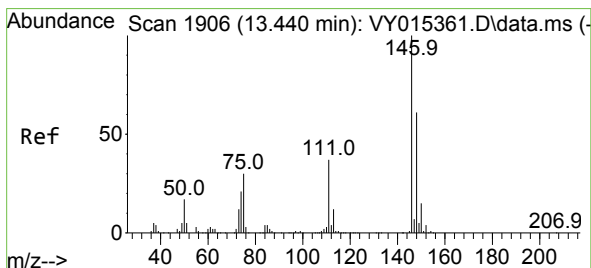
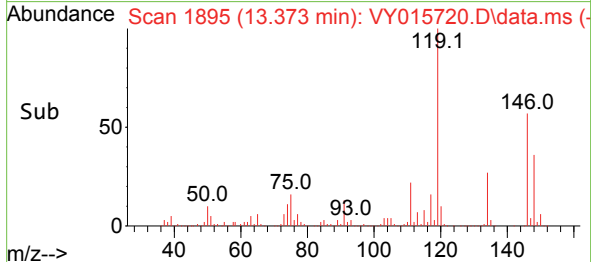
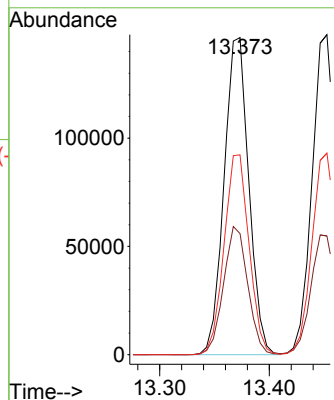
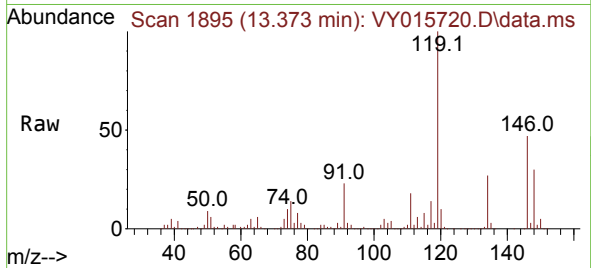




#87
1,3-Dichlorobenzene
Concen: 51.045 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.012 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

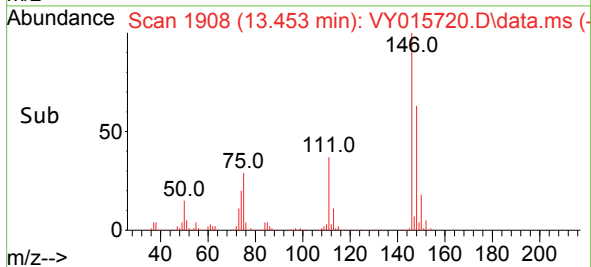
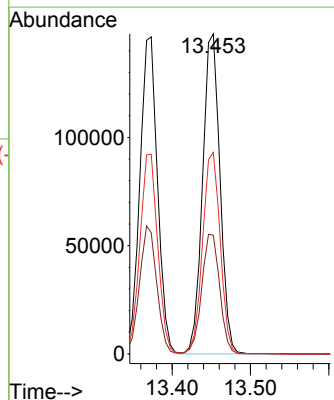
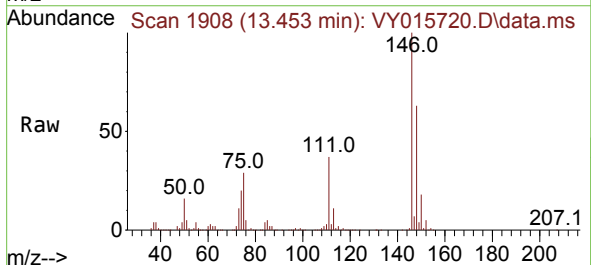
Instrument :
MSVOA_Y
ClientSampleId :

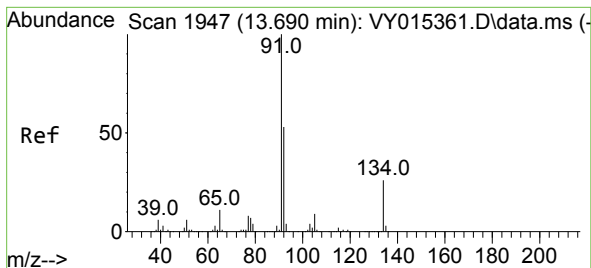
Tgt Ion:146 Resp: 229487
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.646 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion:146 Resp: 227724
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 51.536 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

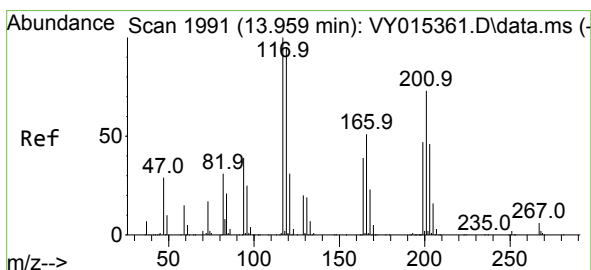
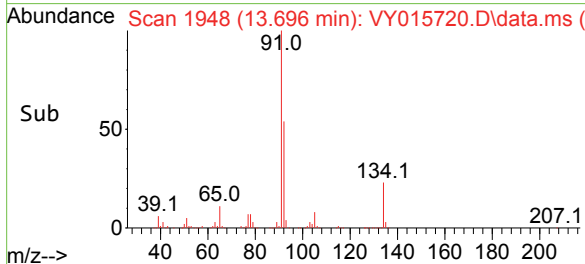
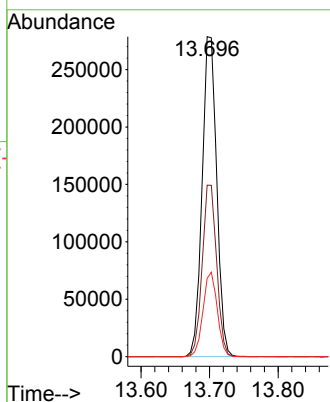
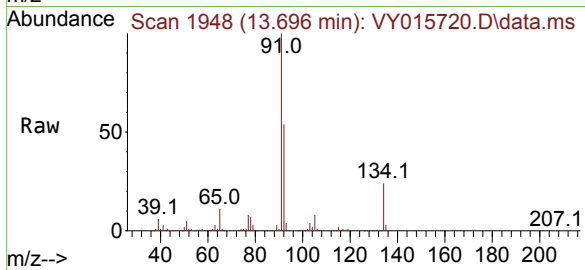
Tgt Ion: 91 Resp: 412959

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 52.566 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015720.D

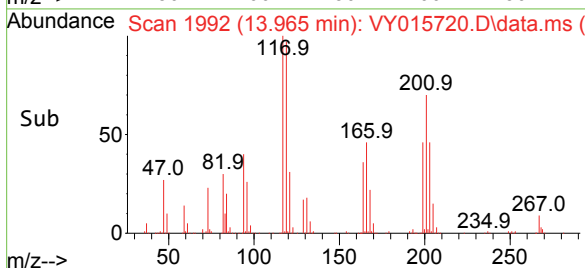
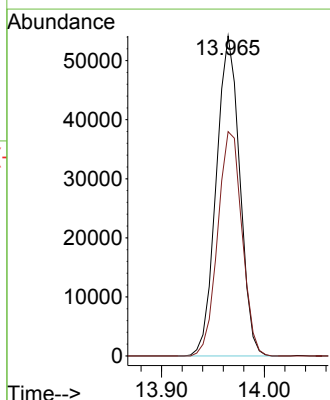
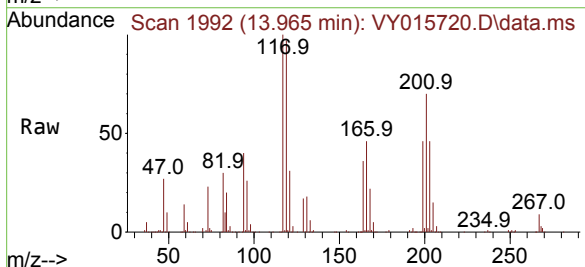
Acq: 27 Sep 2023 09:32

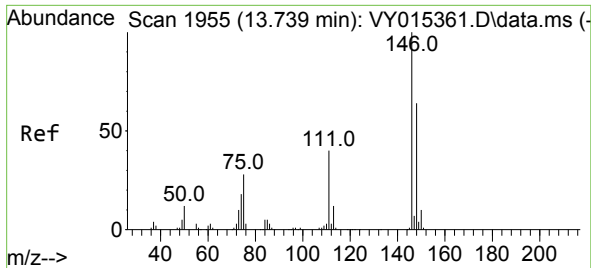
Tgt Ion: 117 Resp: 85848

Ion Ratio Lower Upper

117 100

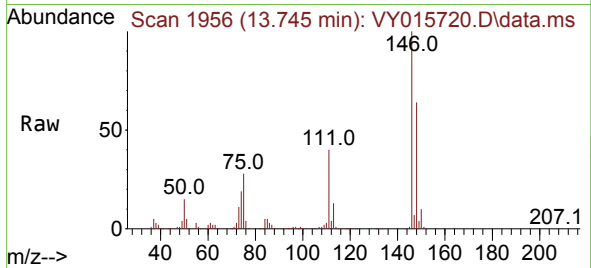
201 72.7 41.6 124.8



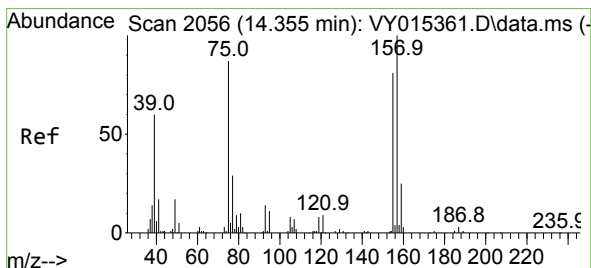
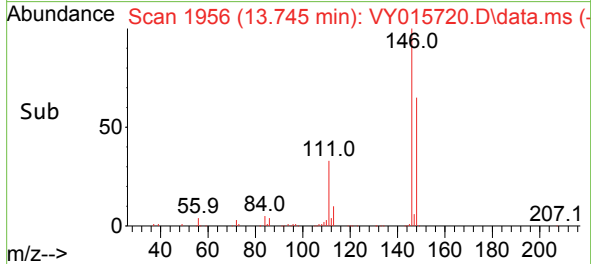
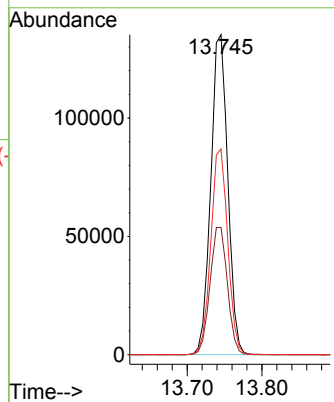


#91
1,2-Dichlorobenzene
Concen: 51.389 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Instrument :
MSVOA_Y
ClientSampleId :

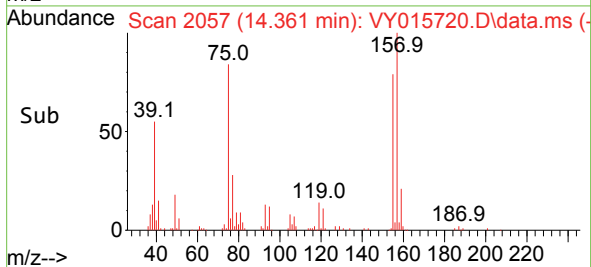
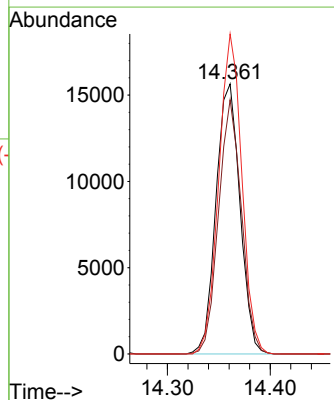
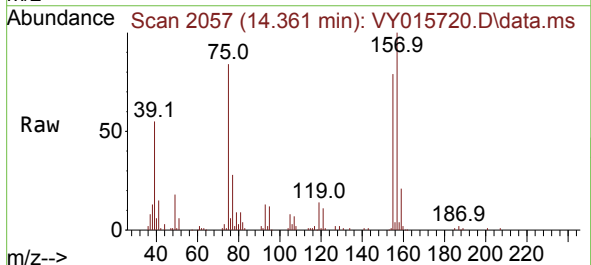


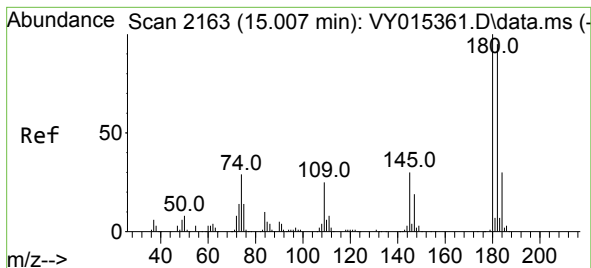
Tgt Ion:146 Resp: 213275
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.504 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015720.D
Acq: 27 Sep 2023 09:32

Tgt Ion: 75 Resp: 25262
Ion Ratio Lower Upper
75 100
155 89.8 41.5 124.6
157 114.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.204 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

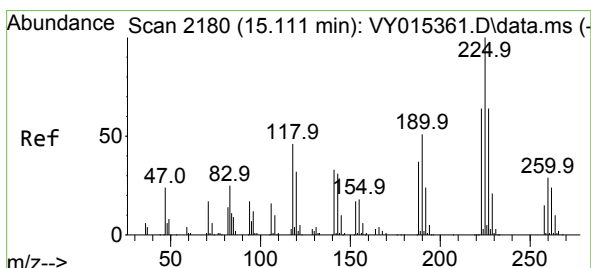
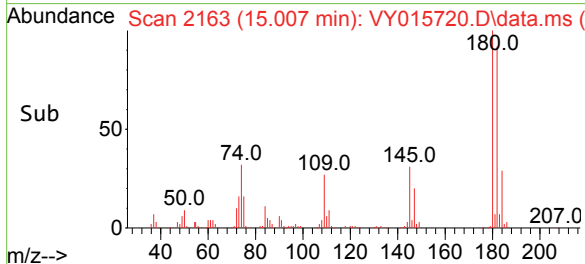
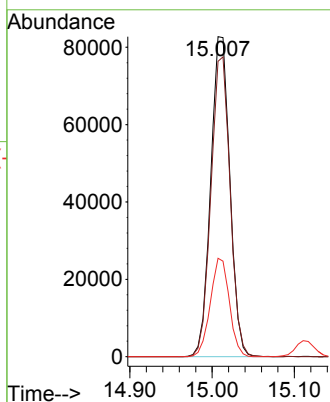
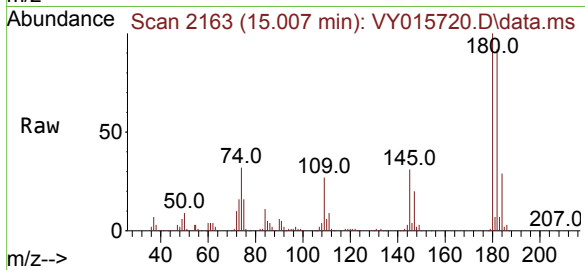
Tgt Ion:180 Resp: 133783

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.929 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

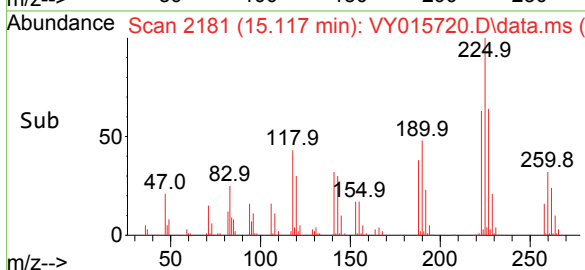
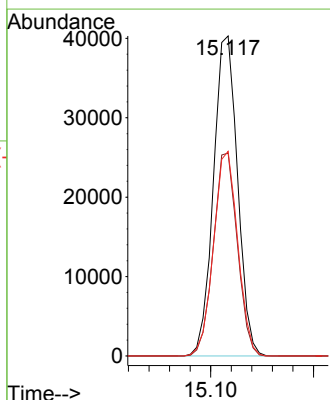
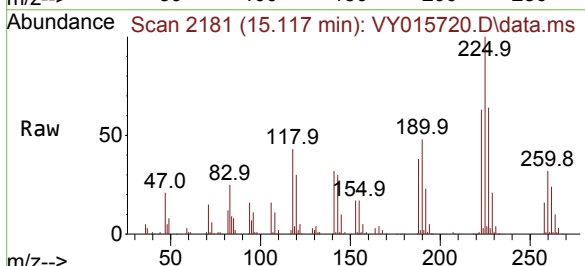
Tgt Ion:225 Resp: 65466

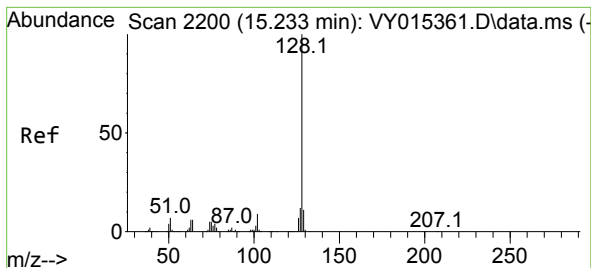
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 51.399 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Instrument :

MSVOA_Y

ClientSampleId :

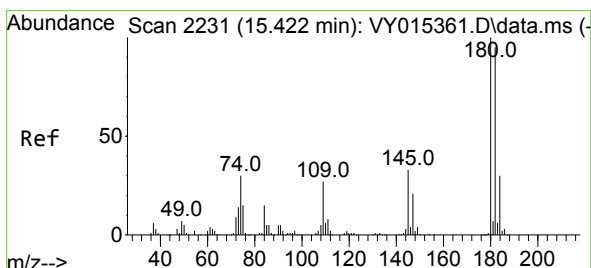
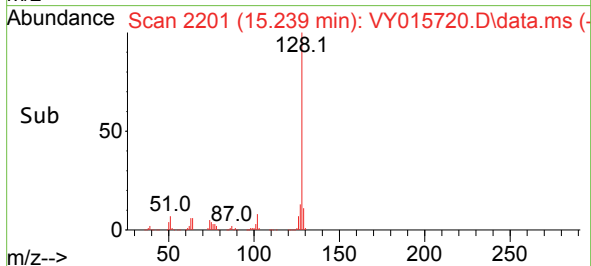
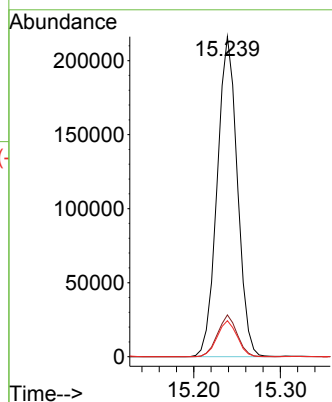
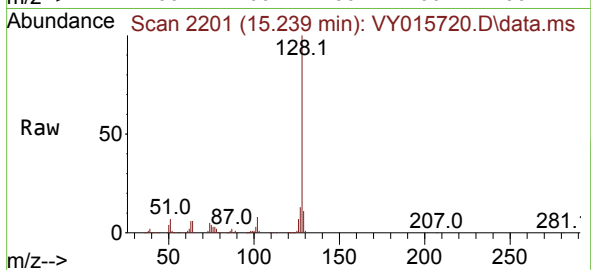
Tgt Ion:128 Resp: 350169

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.609 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015720.D

Acq: 27 Sep 2023 09:32

Tgt Ion:180 Resp: 122045

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.1 15.4 46.2

