

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015531.D
 Acq On : 14 Sep 2023 13:47
 Operator : SY/MD
 Sample : VY0914SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 03:59:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	175413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96478	51.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.710	113	88021	51.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.179	98	294087	47.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.000%	
62) 4-Bromofluorobenzene	12.477	95	115948	50.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	28606	18.761	ug/l	97
3) Chloromethane	2.107	50	42118	20.799	ug/l	99
4) Vinyl Chloride	2.241	62	45595	19.344	ug/l	98
5) Bromomethane	2.637	94	31100	18.544	ug/l	98
6) Chloroethane	2.778	64	32360	20.887	ug/l	96
7) Trichlorofluoromethane	3.113	101	69006	20.697	ug/l	99
8) Diethyl Ether	3.521	74	29005	25.456	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	39536	21.395	ug/l	93
10) Methyl Iodide	4.076	142	42928	19.782	ug/l	99
11) Tert butyl alcohol	4.924	59	47595	101.129	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	36912	21.169	ug/l	93
13) Acrolein	3.729	56	30315	66.972	ug/l	97
14) Allyl chloride	4.466	41	66382	23.910	ug/l	96
15) Acrylonitrile	5.161	53	99422	138.667	ug/l	98
16) Acetone	3.954	43	122534	156.120	ug/l	93
17) Carbon Disulfide	4.180	76	92757	17.793	ug/l	99
18) Methyl Acetate	4.472	43	85932	30.228	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	146390	25.830	ug/l	97
20) Methylene Chloride	4.704	84	89970	33.196	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	43916	21.871	ug/l	96
22) Diisopropyl ether	6.112	45	153053	25.207	ug/l	96
23) Vinyl Acetate	6.051	43	480213	125.261	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	83783	23.869	ug/l	98
25) 2-Butanone	6.984	43	166690	149.739	ug/l	97
26) 2,2-Dichloropropane	6.972	77	77011	25.832	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	54023	23.716	ug/l	99
28) Bromochloromethane	7.326	49	24344	22.617	ug/l	99
29) Tetrahydrofuran	7.344	42	98683	141.164	ug/l	95
30) Chloroform	7.496	83	90855	24.623	ug/l	98
31) Cyclohexane	7.777	56	64878	19.423	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	76535	23.222	ug/l	98
36) 1,1-Dichloropropene	7.911	75	60641	20.199	ug/l	99
37) Ethyl Acetate	7.070	43	61022	26.354	ug/l	96
38) Carbon Tetrachloride	7.893	117	65730	21.198	ug/l	96
39) Methylcyclohexane	9.179	83	70075	18.540	ug/l	95
40) Benzene	8.155	78	190277	22.717	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	27782	25.587	ug/l	96
42) 1,2-Dichloroethane	8.228	62	65108	23.311	ug/l	94
43) Isopropyl Acetate	8.271	43	104365	26.066	ug/l	98
44) Trichloroethene	8.935	130	52660	22.221	ug/l	100
45) 1,2-Dichloropropane	9.209	63	50358	23.849	ug/l	95
46) Dibromomethane	9.301	93	33107	23.604	ug/l	96
47) Bromodichloromethane	9.496	83	72677	24.230	ug/l	98
48) Methyl methacrylate	9.289	41	45443	24.737	ug/l	93
49) 1,4-Dioxane	9.313	88	14018	538.067	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	319845	137.440	ug/l	94
52) Toluene	10.240	92	120208	22.391	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	76965	24.144	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	82490	23.789	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	48136	25.471	ug/l	94
56) Ethyl methacrylate	10.508	69	71124	25.396	ug/l	90
57) 1,3-Dichloropropane	10.788	76	79924	24.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	109287	109.328	ug/l	94
59) 2-Hexanone	10.831	43	246970	141.435	ug/l	92
60) Dibromochloromethane	10.983	129	54864	24.803	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47851	24.988	ug/l	99
64) Tetrachloroethene	10.715	164	58563	23.378	ug/l	97
65) Chlorobenzene	11.514	112	135261	22.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	51011	23.434	ug/l	98
67) Ethyl Benzene	11.593	91	237216	22.213	ug/l	100
68) m/p-Xylenes	11.703	106	181439	43.833	ug/l	96
69) o-Xylene	12.026	106	89040	22.508	ug/l	96
70) Styrene	12.044	104	153043	23.008	ug/l	97
71) Bromoform	12.209	173	37085	24.423	ug/l #	99
73) Isopropylbenzene	12.325	105	230665	21.669	ug/l	100
74) N-amyl acetate	12.142	43	85876	24.012	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	63274	24.899	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	84161	44.781	ug/l #	100
77) Bromobenzene	12.605	156	58148	23.063	ug/l	95
78) n-propylbenzene	12.672	91	278829	21.647	ug/l	100
79) 2-Chlorotoluene	12.751	91	159816	22.121	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	194805	21.879	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20936	24.573	ug/l	99
82) 4-Chlorotoluene	12.855	91	167956	22.368	ug/l	100
83) tert-Butylbenzene	13.075	119	170219	21.827	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	197547	22.345	ug/l	99
85) sec-Butylbenzene	13.251	105	252560	21.712	ug/l	99
86) p-Isopropyltoluene	13.367	119	211415	21.686	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	115099	23.124	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	115068	22.870	ug/l	99
89) n-Butylbenzene	13.696	91	200151	21.813	ug/l	97
90) Hexachloroethane	13.959	117	39820	22.838	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	106691	23.488	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13443	26.742	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	68861	24.139	ug/l	100
94) Hexachlorobutadiene	15.111	225	34607	22.248	ug/l	98
95) Naphthalene	15.233	128	178569	25.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63182	24.282	ug/l	99

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QLast Update : Thu Aug 31 20:01:47 2023
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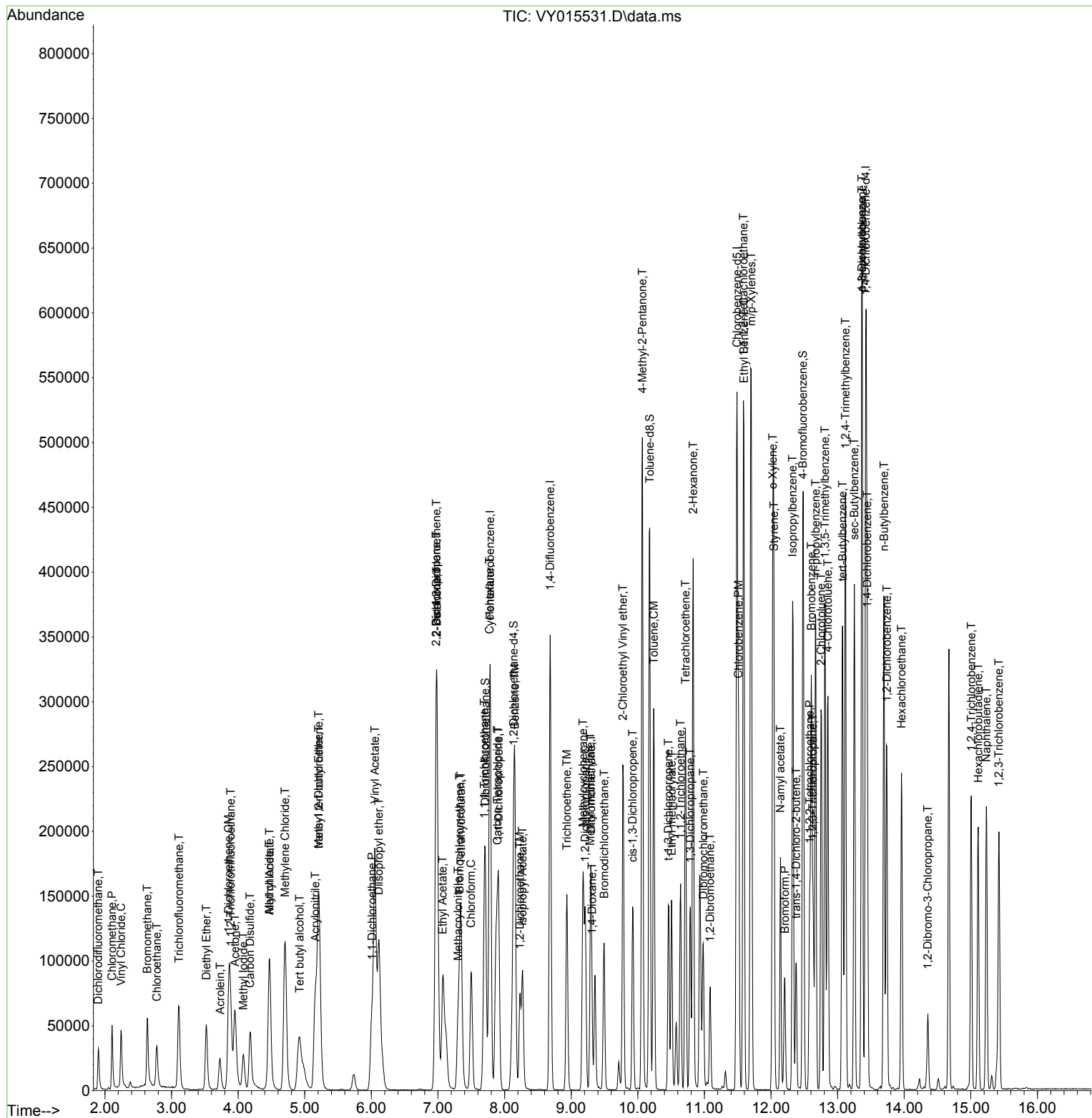
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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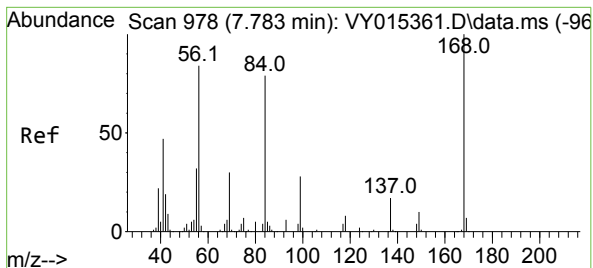
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

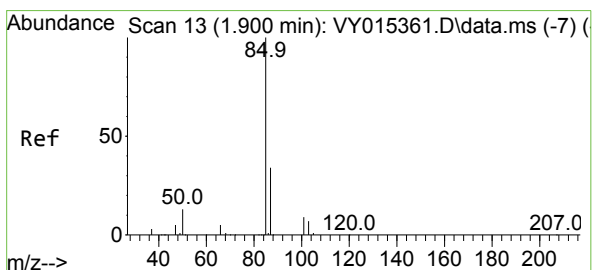
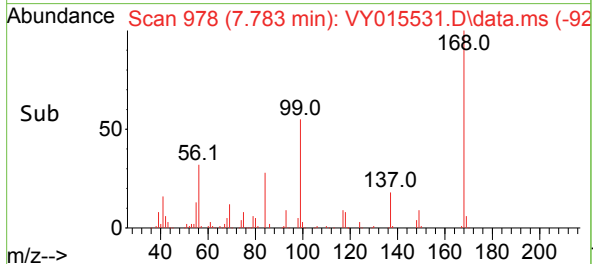
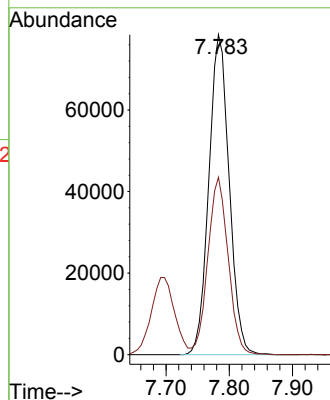
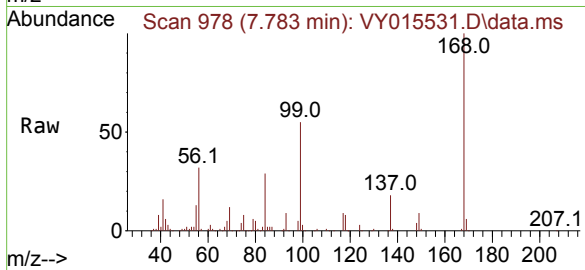
ClientSampleId :

Tgt Ion:168 Resp: 175413

Ion Ratio Lower Upper

168 100

99 55.4 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 18.761 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY015531.D

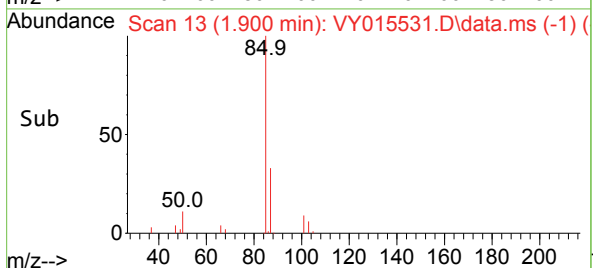
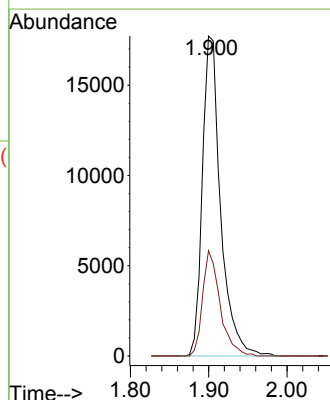
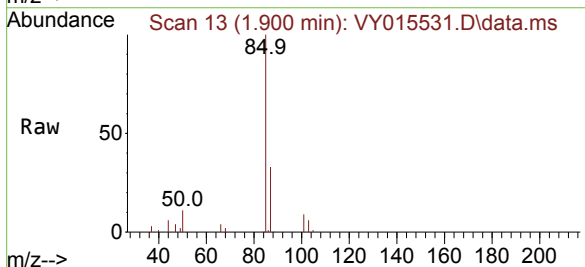
Acq: 14 Sep 2023 13:47

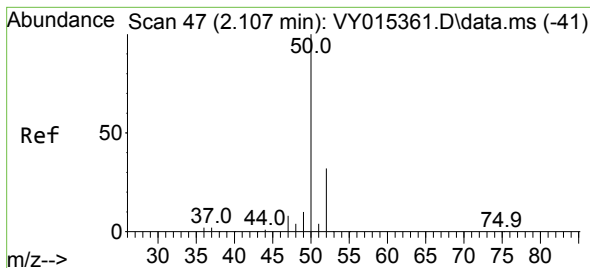
Tgt Ion: 85 Resp: 28606

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8





#3

Chloromethane

Concen: 20.799 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

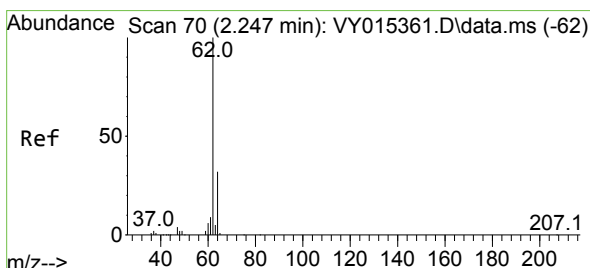
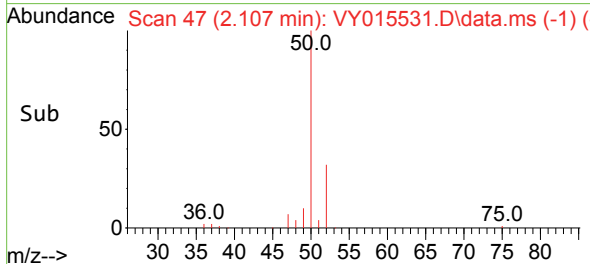
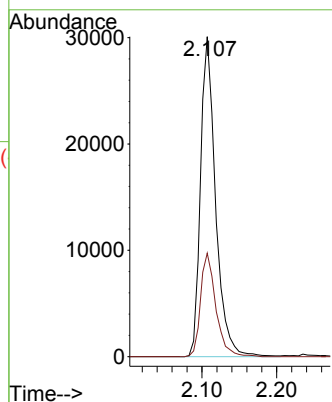
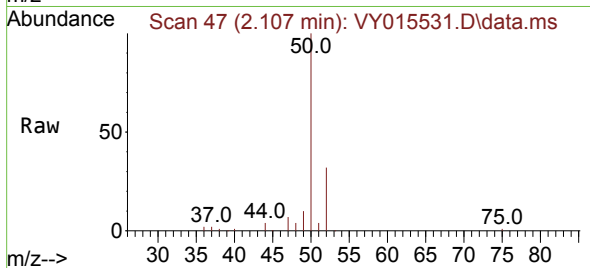
ClientSampleId :

Tgt Ion: 50 Resp: 42118

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 19.344 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY015531.D

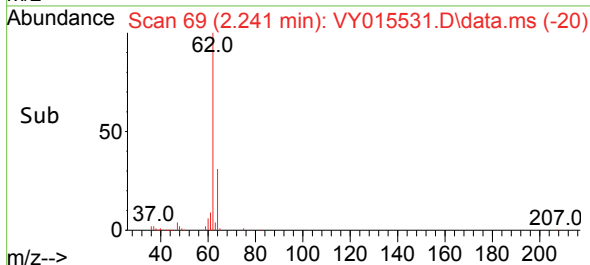
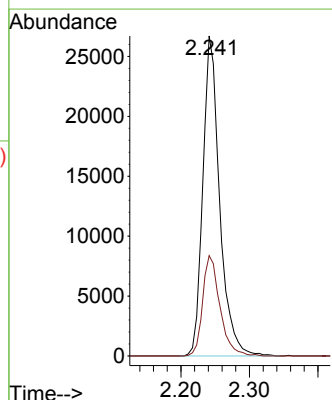
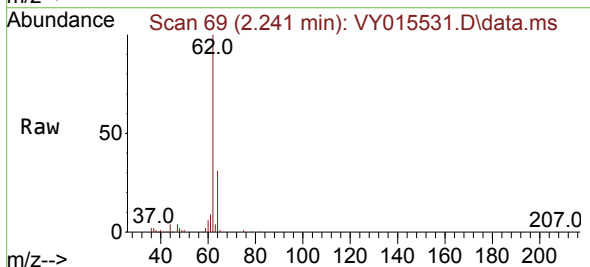
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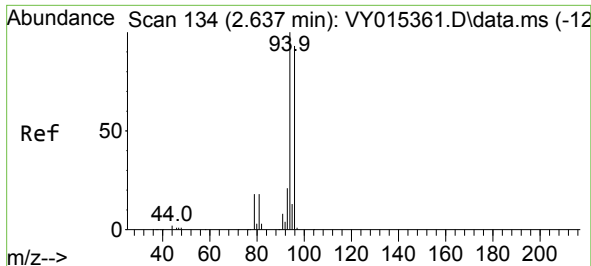
Tgt Ion: 62 Resp: 45595

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5





#5

Bromomethane

Concen: 18.544 ug/l

RT: 2.637 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

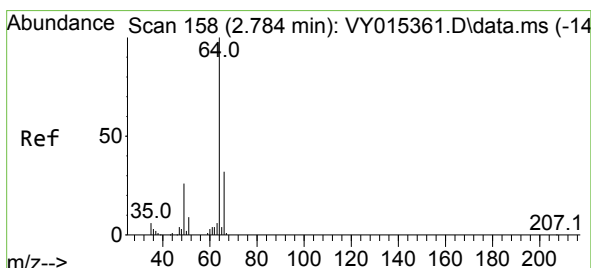
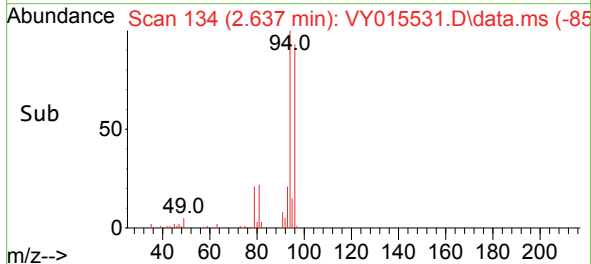
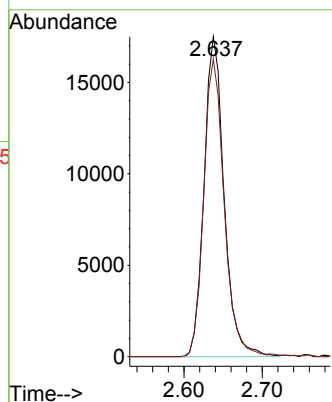
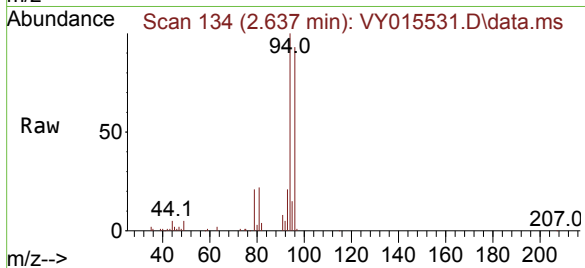
ClientSampleId :

Tgt Ion: 94 Resp: 31100

Ion Ratio Lower Upper

94 100

96 93.0 75.8 113.6



#6

Chloroethane

Concen: 20.887 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015531.D

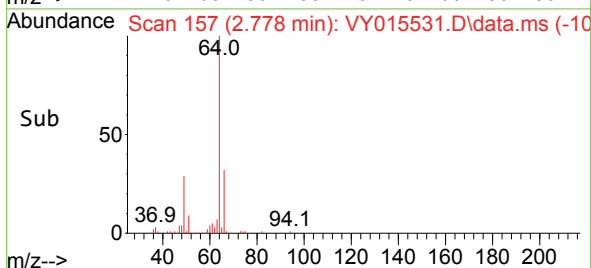
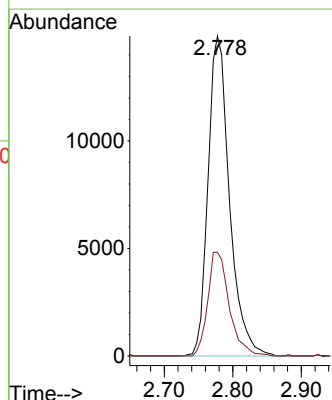
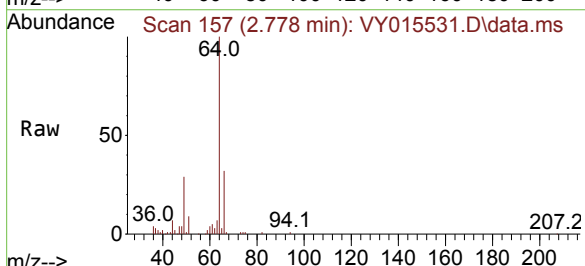
Acq: 14 Sep 2023 13:47

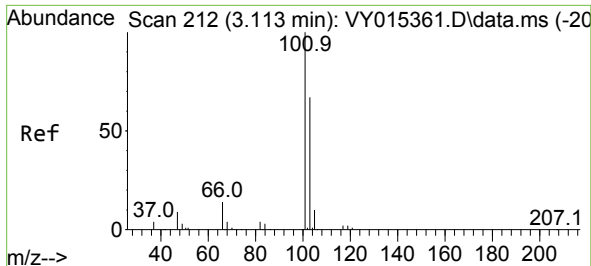
Tgt Ion: 64 Resp: 32360

Ion Ratio Lower Upper

64 100

66 32.4 24.4 36.6

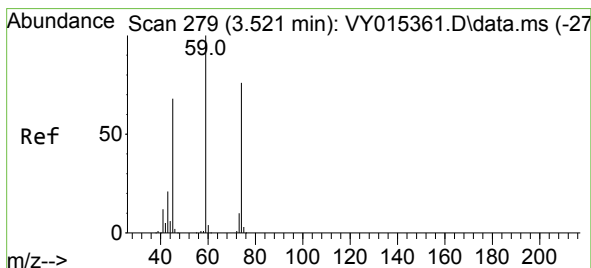
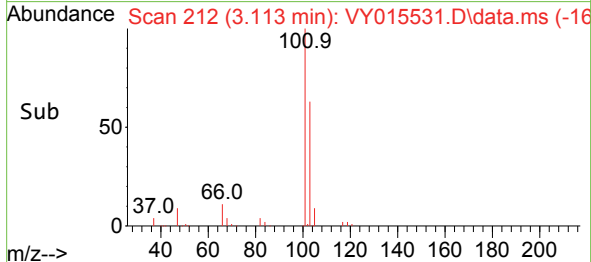
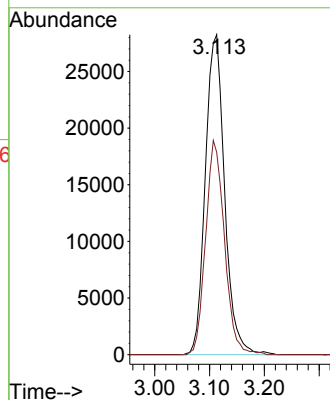
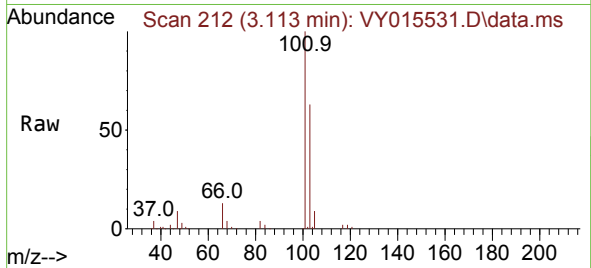




#7
Trichlorofluoromethane
Concen: 20.697 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

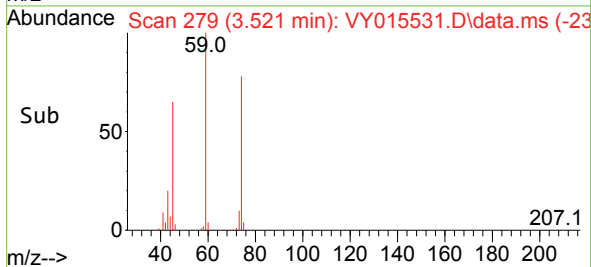
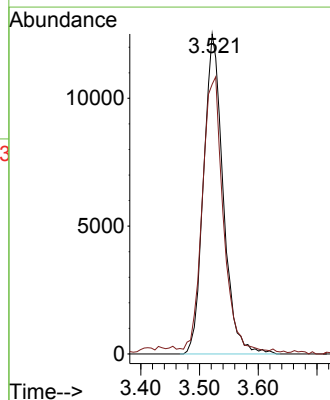
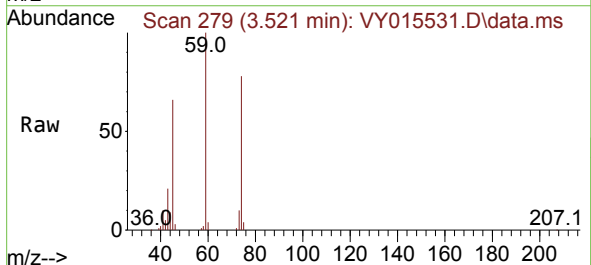
Instrument :
MSVOA_Y
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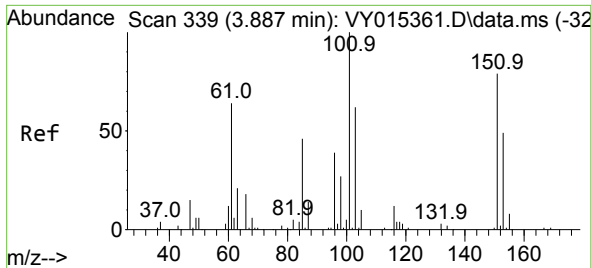
Tgt Ion:101 Resp: 69006
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0



#8
Diethyl Ether
Concen: 25.456 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 74 Resp: 29005
Ion Ratio Lower Upper
74 100
45 92.8 51.5 154.5

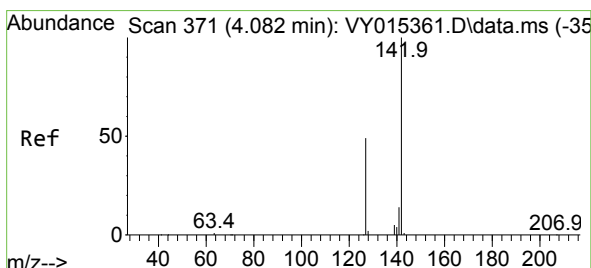
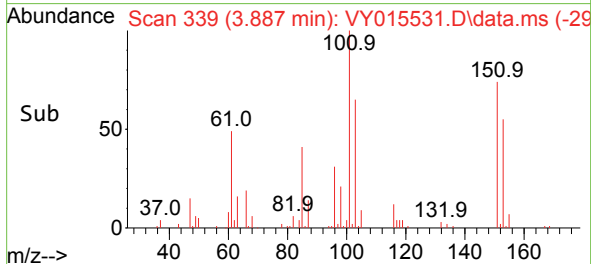
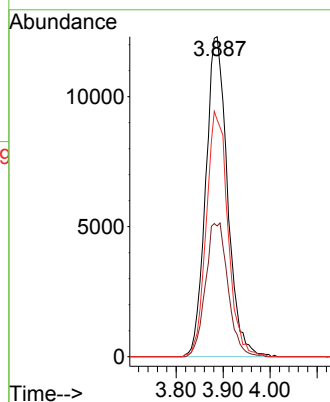
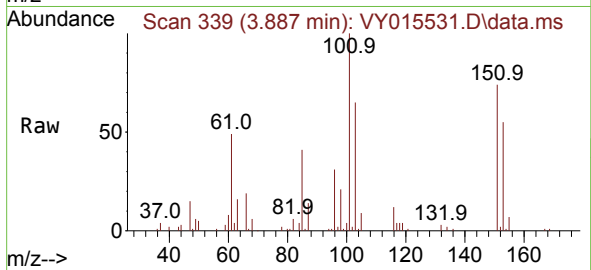




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.395 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

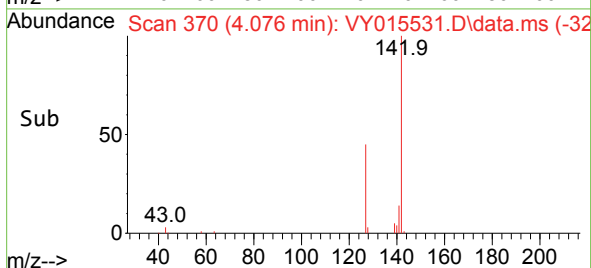
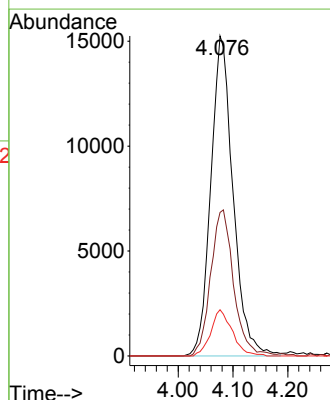
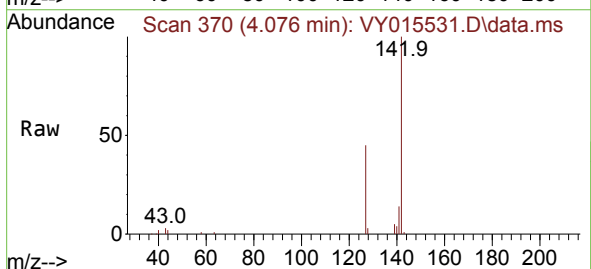
Instrument :
MSVOA_Y
ClientSampleId :

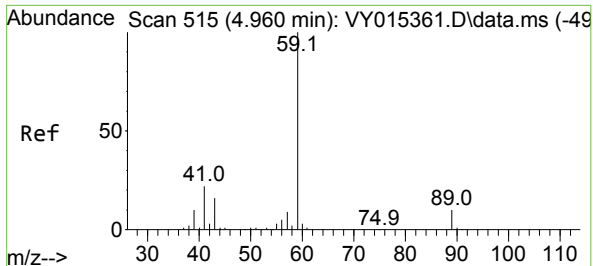
Tgt Ion:101 Resp: 39536
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 76.0 67.0 100.6



#10
Methyl Iodide
Concen: 19.782 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion:142 Resp: 42928
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 101.129 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

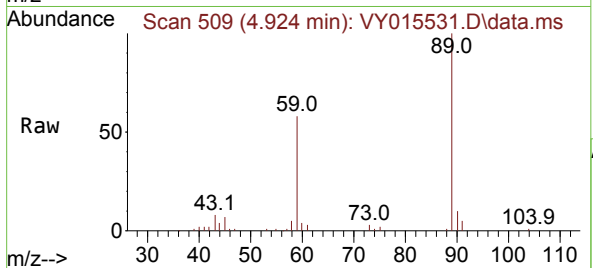
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

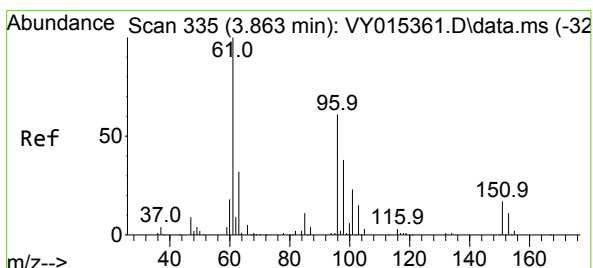
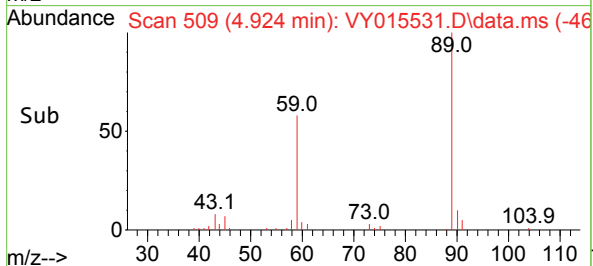
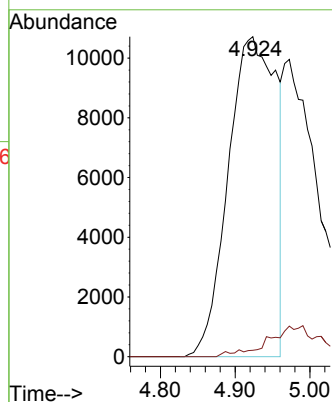


Tgt Ion: 59 Resp: 47595

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.169 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

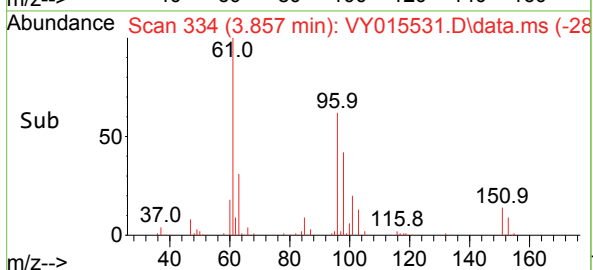
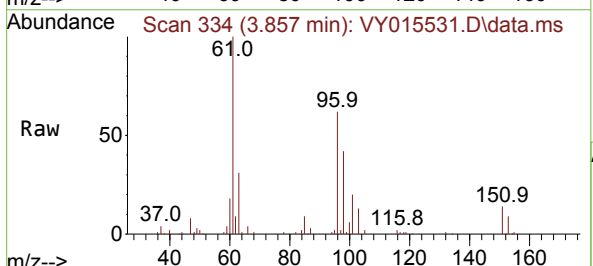
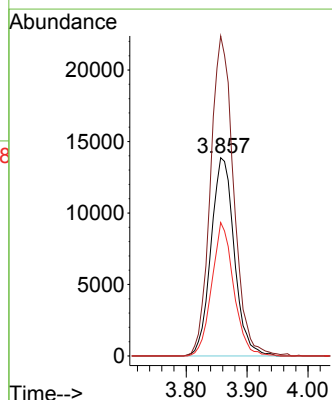
Tgt Ion: 96 Resp: 36912

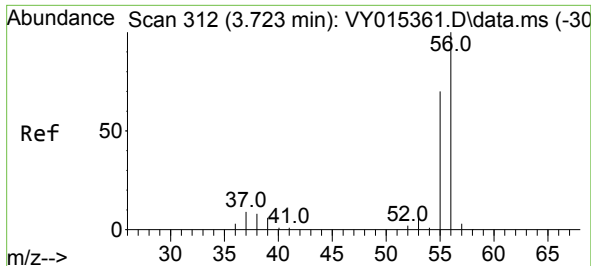
Ion Ratio Lower Upper

96 100

61 161.4 136.4 204.6

98 67.3 49.4 74.2





#13

Acrolein

Concen: 66.972 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

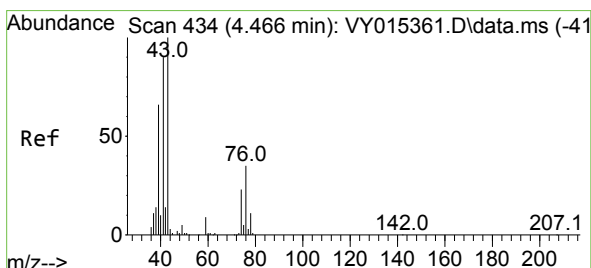
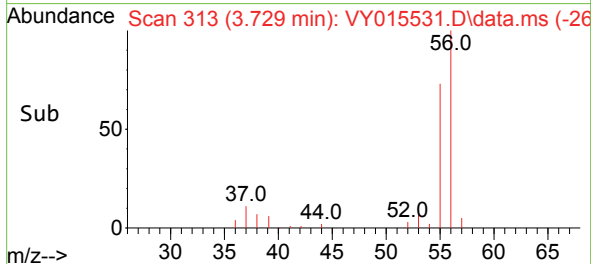
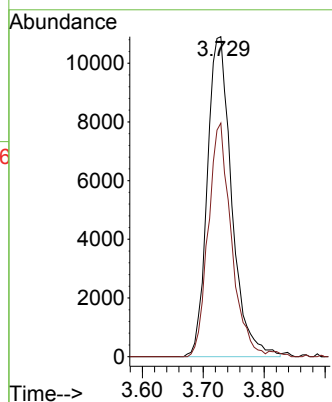
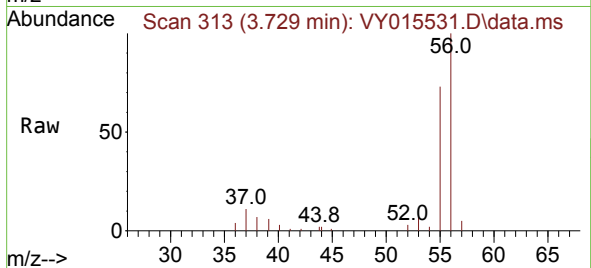
ClientSampleId :

Tgt Ion: 56 Resp: 30315

Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.4



#14

Allyl chloride

Concen: 23.910 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

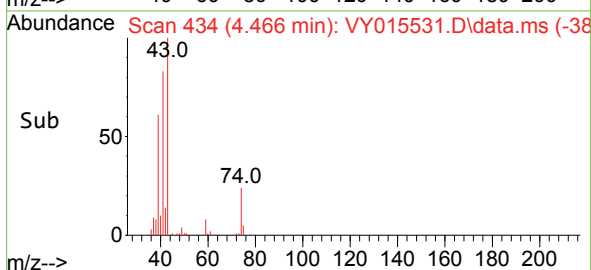
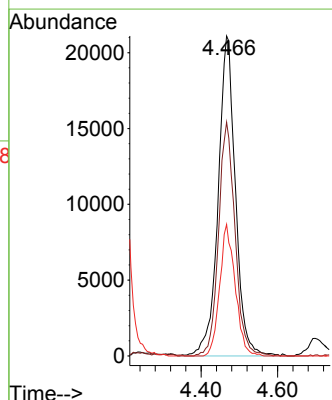
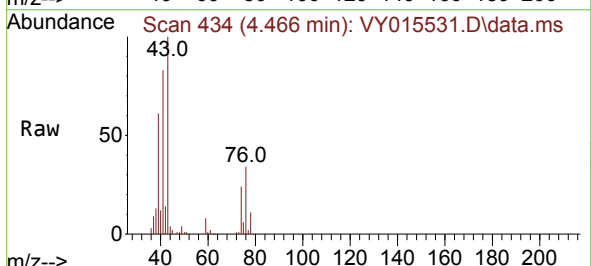
Tgt Ion: 41 Resp: 66382

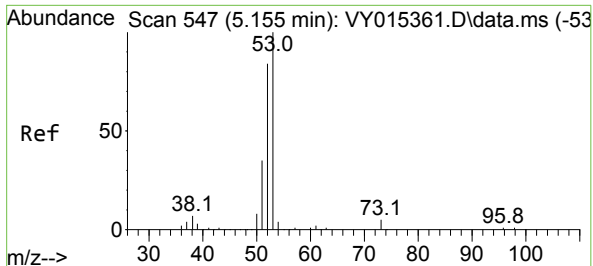
Ion Ratio Lower Upper

41 100

39 69.6 58.0 87.0

76 36.8 27.4 41.2

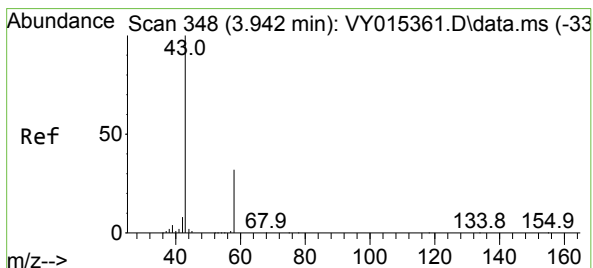
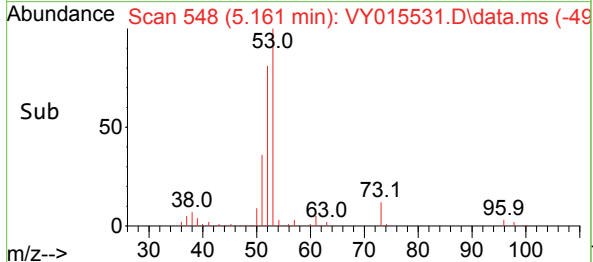
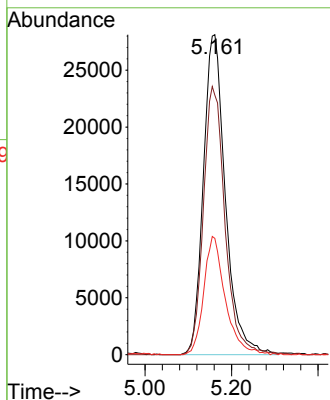
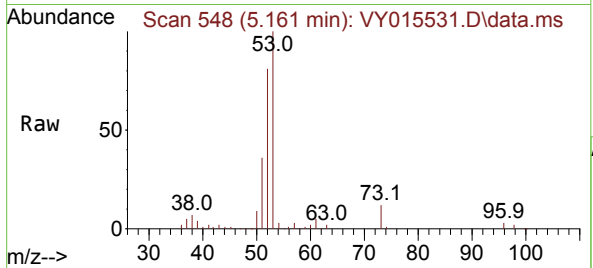




#15
Acrylonitrile
Concen: 138.667 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

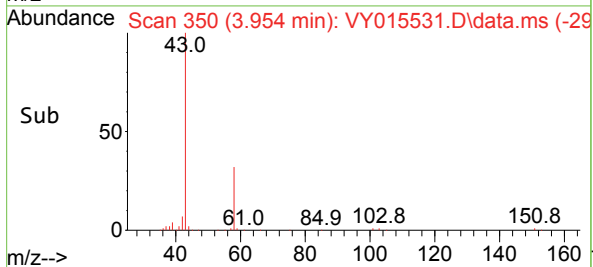
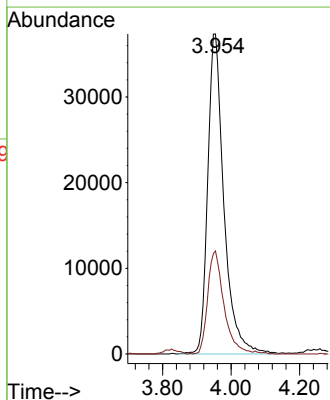
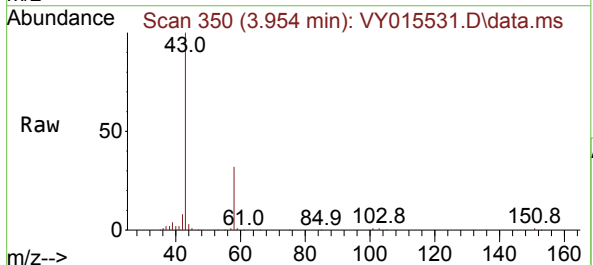
Instrument :
MSVOA_Y
ClientSampleId :

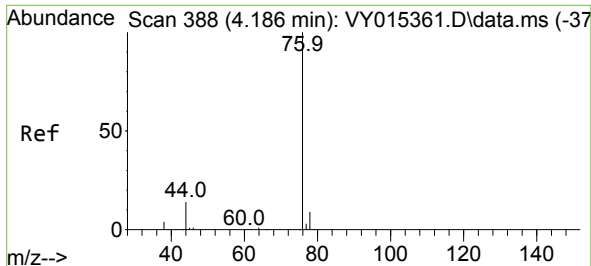
Tgt Ion: 53 Resp: 99422
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 156.120 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 43 Resp: 122534
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





#17

Carbon Disulfide

Concen: 17.793 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

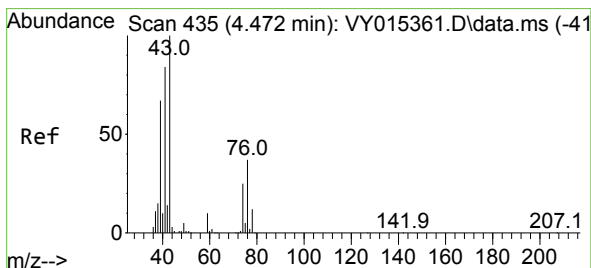
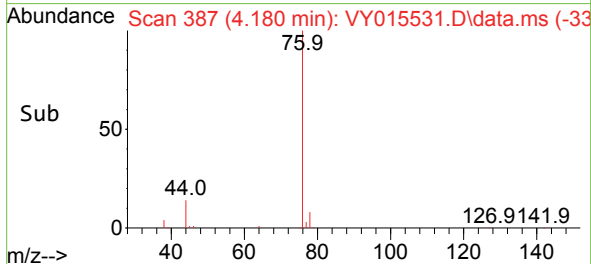
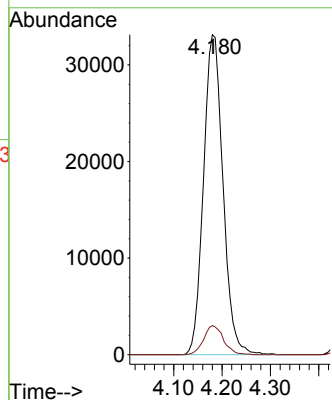
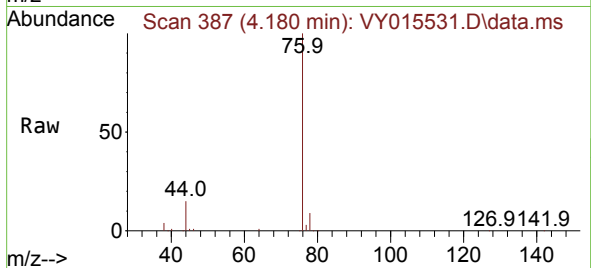
ClientSampleId :

Tgt Ion: 76 Resp: 92757

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 30.228 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015531.D

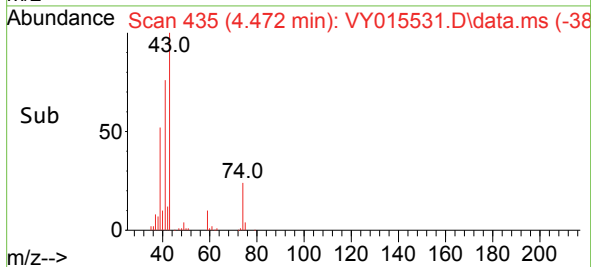
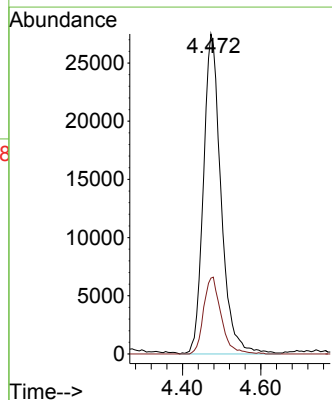
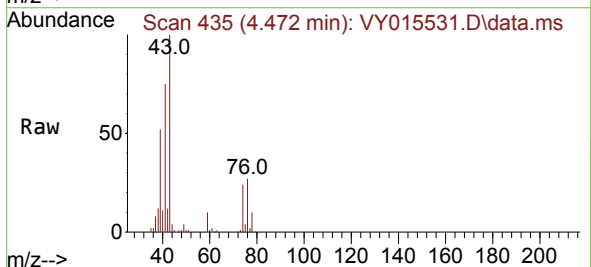
Acq: 14 Sep 2023 13:47

Tgt Ion: 43 Resp: 85932

Ion Ratio Lower Upper

43 100

74 23.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 25.830 ug/l

RT: 5.210 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

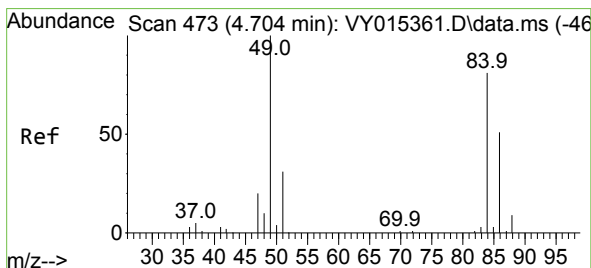
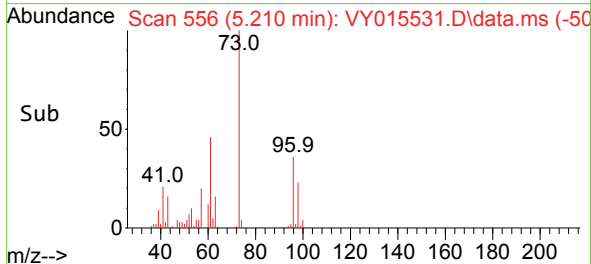
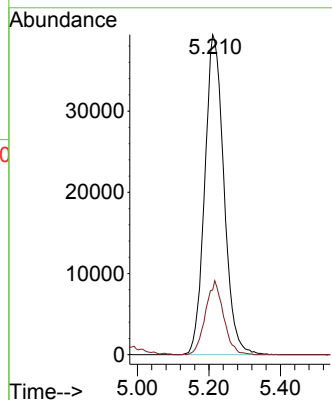
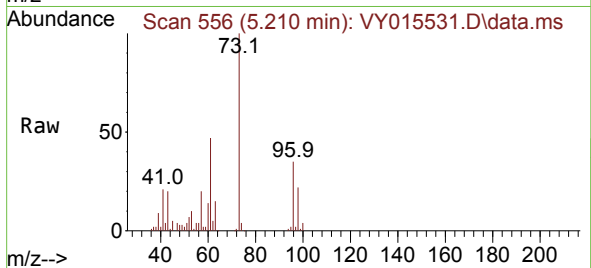
ClientSampleId :

Tgt Ion: 73 Resp: 146390

Ion Ratio Lower Upper

73 100

57 20.2 17.3 25.9



#20

Methylene Chloride

Concen: 33.196 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion: 84 Resp: 89970

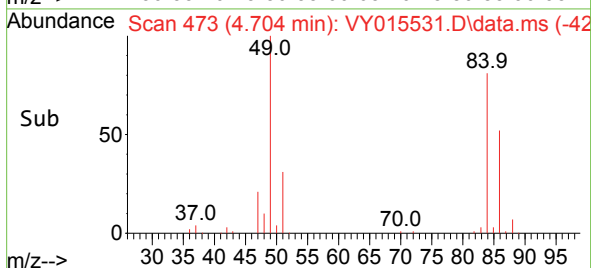
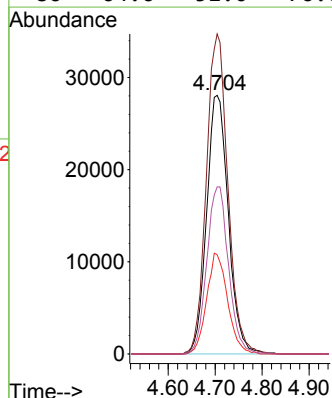
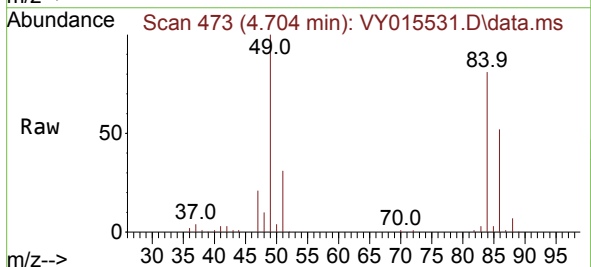
Ion Ratio Lower Upper

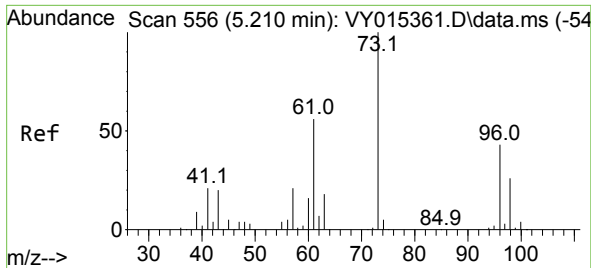
84 100

49 123.7 106.9 160.3

51 38.4 33.2 49.8

86 64.6 51.0 76.6

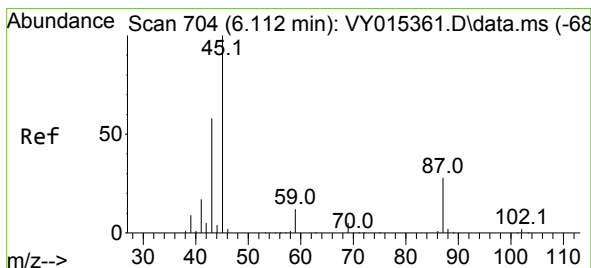
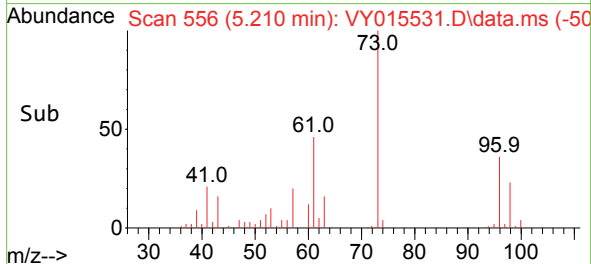
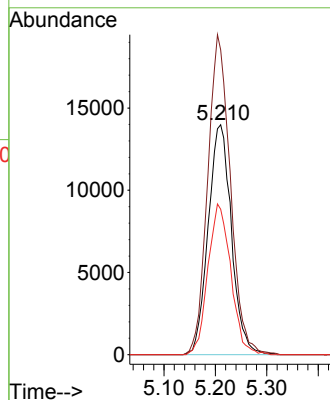
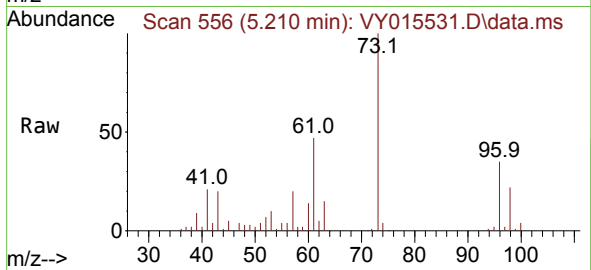




#21
trans-1,2-Dichloroethene
Concen: 21.871 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

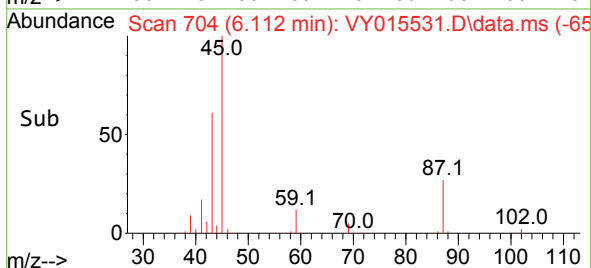
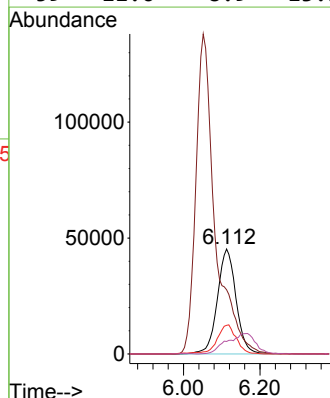
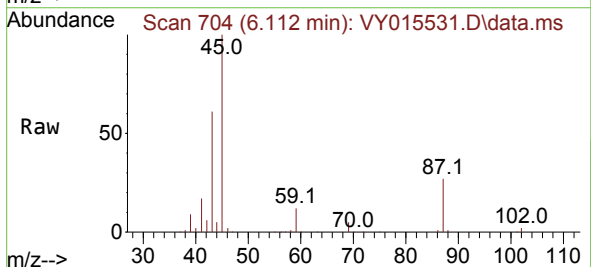
Instrument :
MSVOA_Y
ClientSampleId :

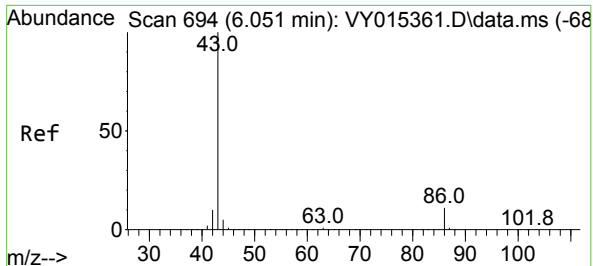
Tgt Ion: 96 Resp: 43916
Ion Ratio Lower Upper
96 100
61 132.5 110.2 165.4
98 63.2 51.8 77.6



#22
Diisopropyl ether
Concen: 25.207 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 45 Resp: 153053
Ion Ratio Lower Upper
45 100
43 60.7 52.2 78.4
87 27.3 21.0 31.6
59 11.6 8.9 13.3

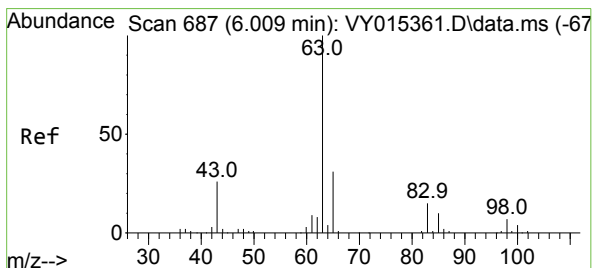
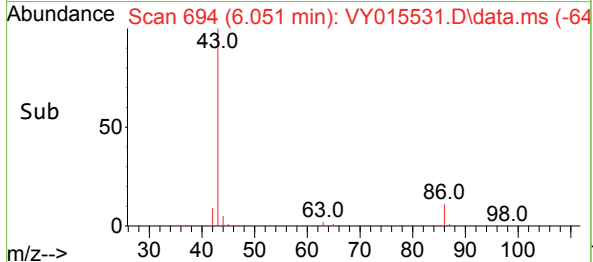
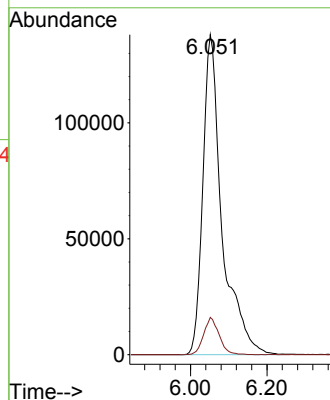
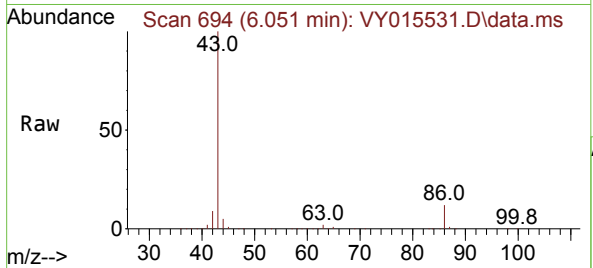




#23
 Vinyl Acetate
 Concen: 125.261 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

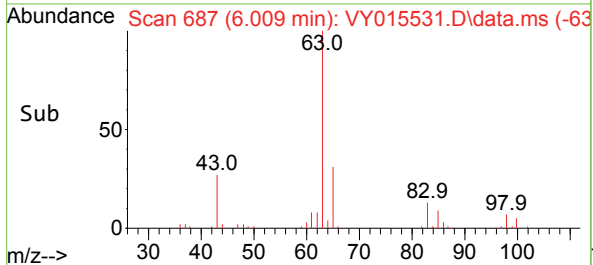
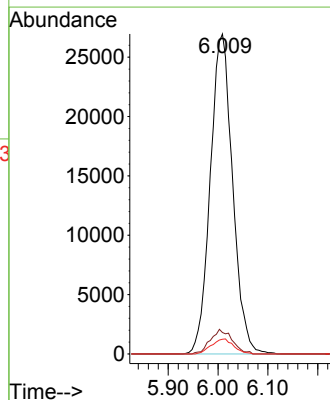
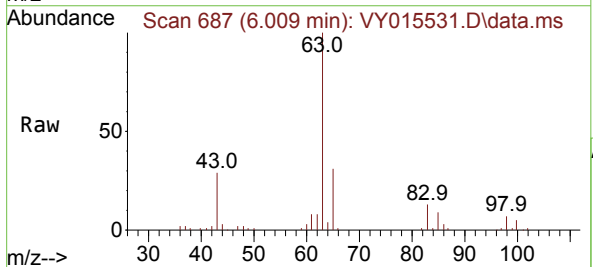
Instrument :
 MSVOA_Y
 ClientSampleId :

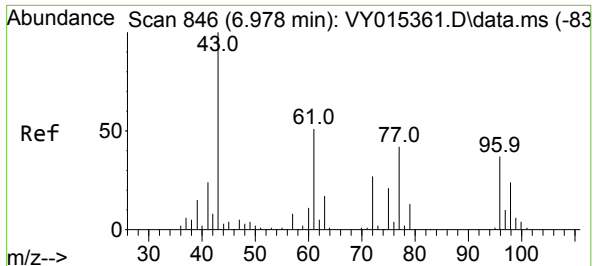
Tgt Ion: 43 Resp: 480213
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 23.869 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

Tgt Ion: 63 Resp: 83783
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.6 1.8 5.5

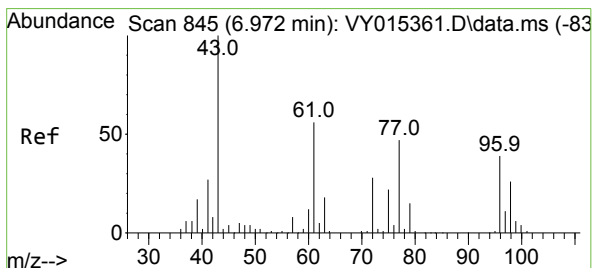
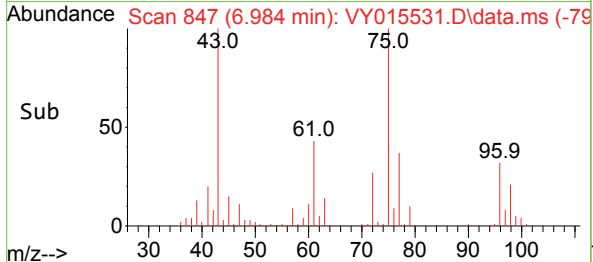
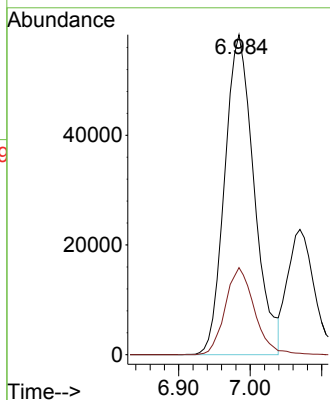
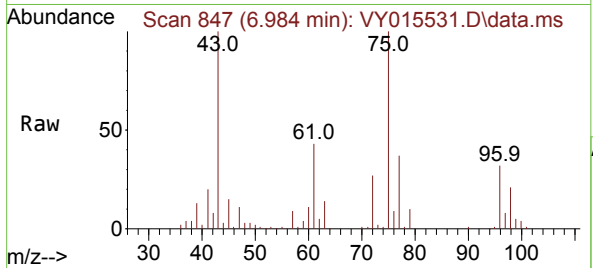




#25
2-Butanone
Concen: 149.739 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

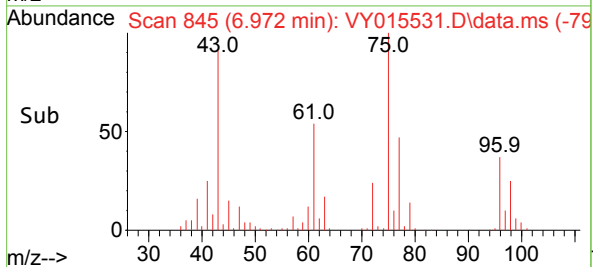
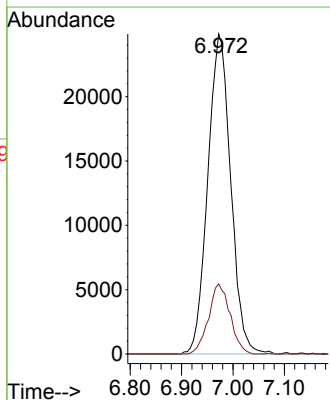
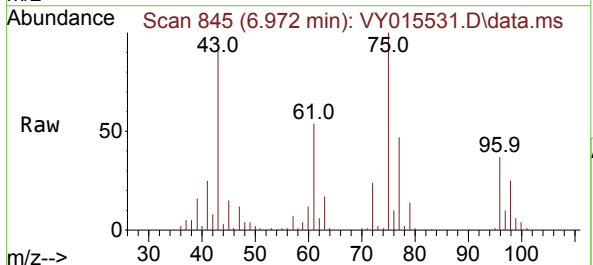
Instrument :
MSVOA_Y
ClientSampleId :

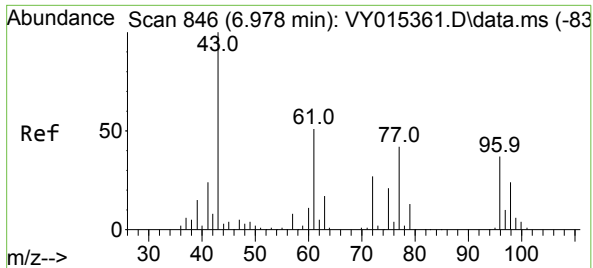
Tgt Ion: 43 Resp: 166690
Ion Ratio Lower Upper
43 100
72 27.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 25.832 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

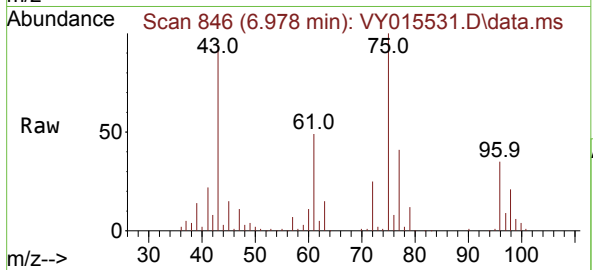
Tgt Ion: 77 Resp: 77011
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.9





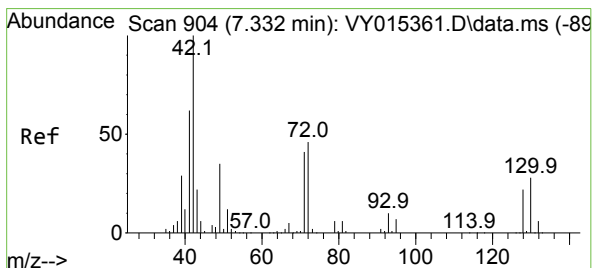
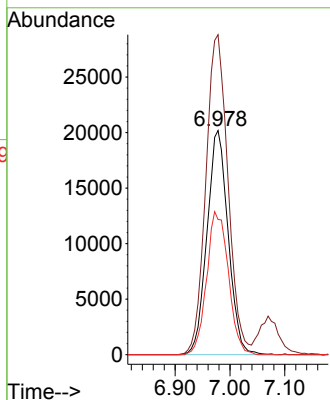
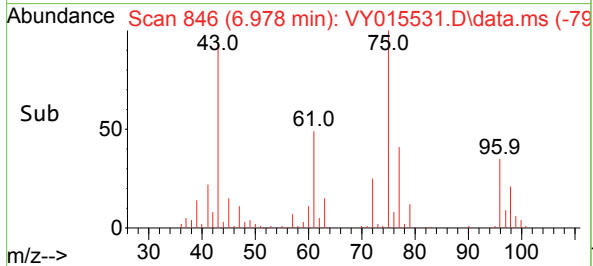
#27
 cis-1,2-Dichloroethene
 Concen: 23.716 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :

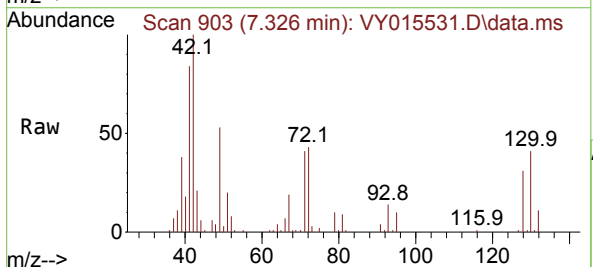


Tgt Ion: 96 Resp: 54023

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	301.4
98	65.6	0.0	130.4

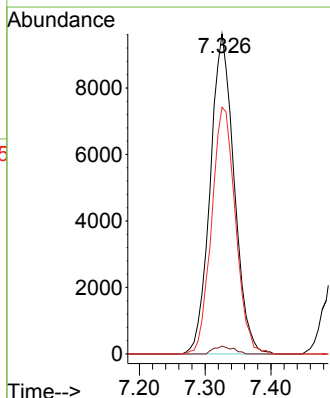
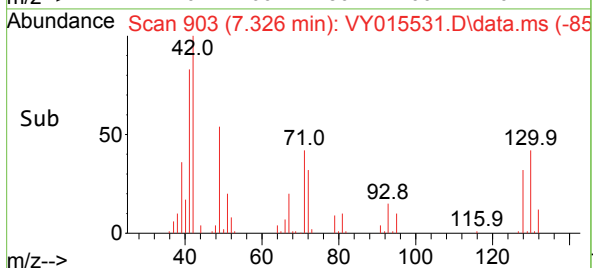


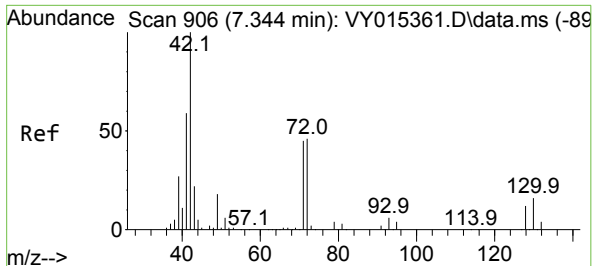
#28
 Bromochloromethane
 Concen: 22.617 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47



Tgt Ion: 49 Resp: 24344

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	77.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 141.164 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

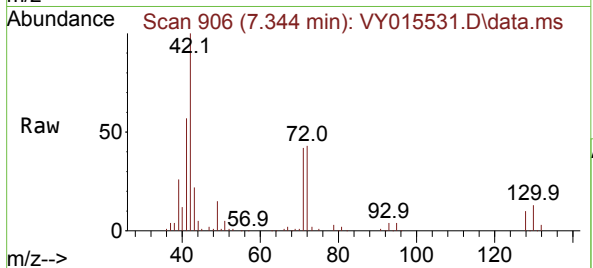
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :



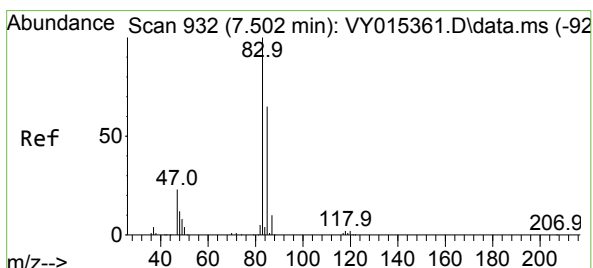
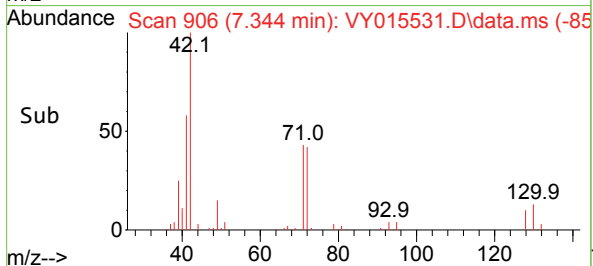
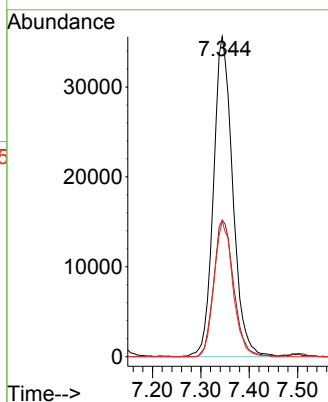
Tgt Ion: 42 Resp: 98683

Ion Ratio Lower Upper

42 100

72 44.2 32.8 49.2

71 41.5 31.0 46.4



#30

Chloroform

Concen: 24.623 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY015531.D

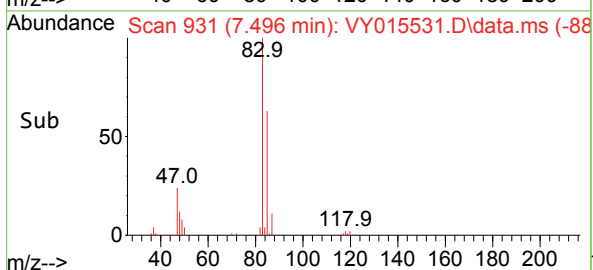
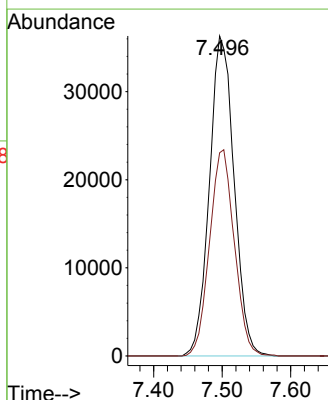
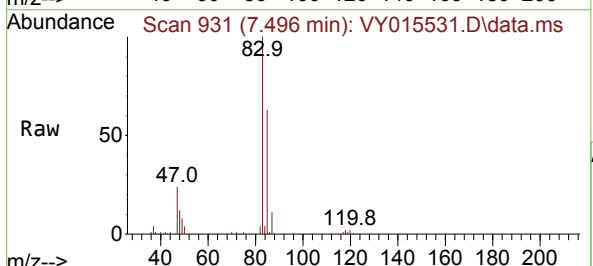
Acq: 14 Sep 2023 13:47

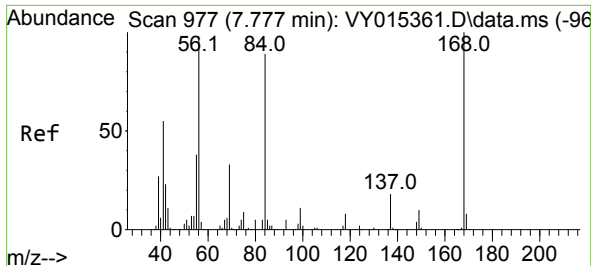
Tgt Ion: 83 Resp: 90855

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

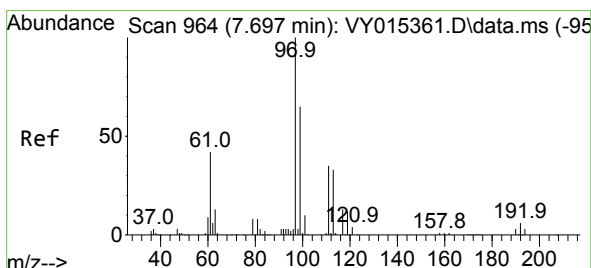
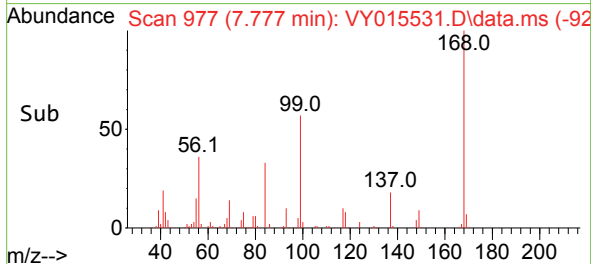
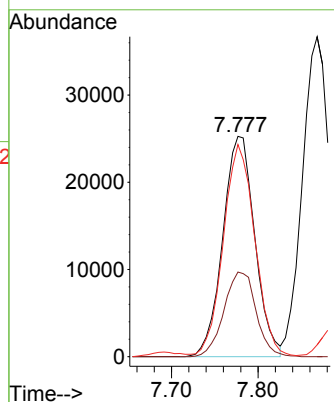
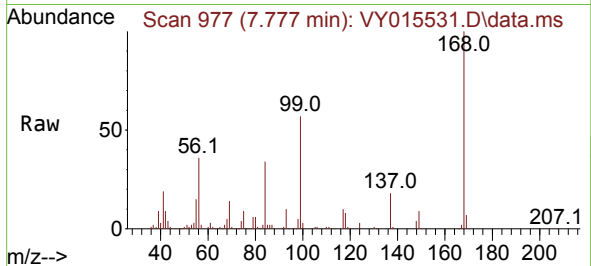




#31
Cyclohexane
Concen: 19.423 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

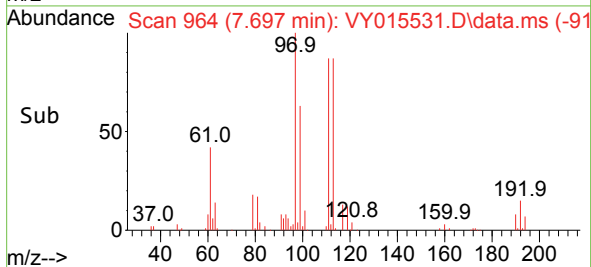
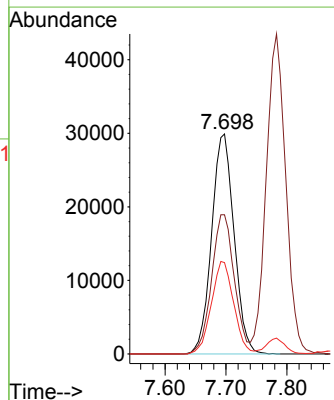
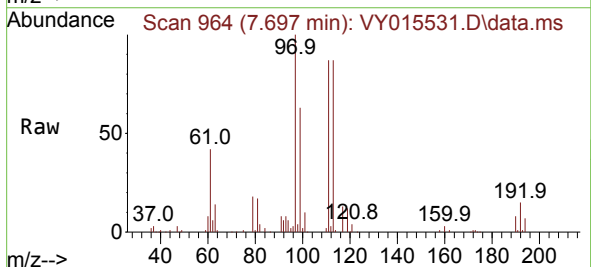
Instrument :
MSVOA_Y
ClientSampleId :

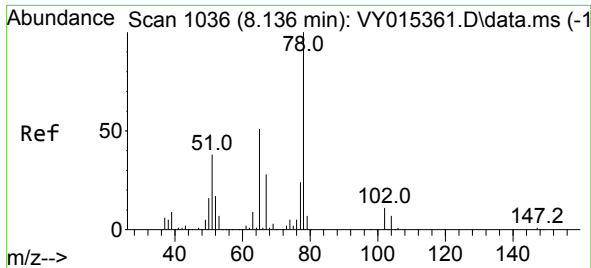
Tgt Ion: 56 Resp: 64878
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.6
84 94.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 23.222 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 97 Resp: 76535
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.8 35.1 52.7

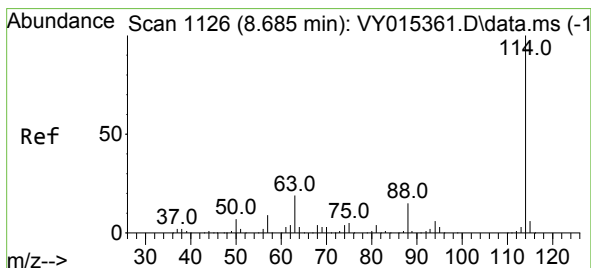
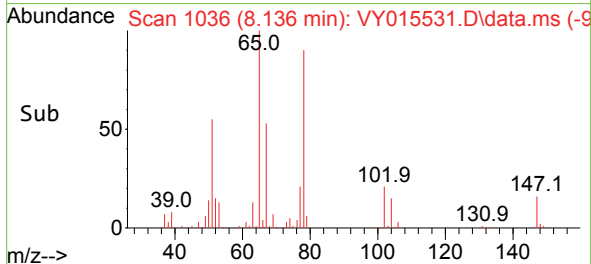
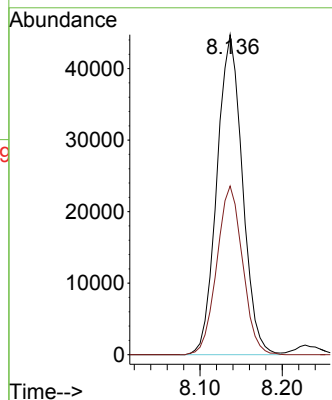
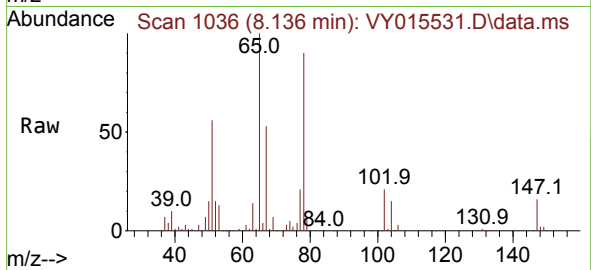




#33
 1,2-Dichloroethane-d4
 Concen: 51.307 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

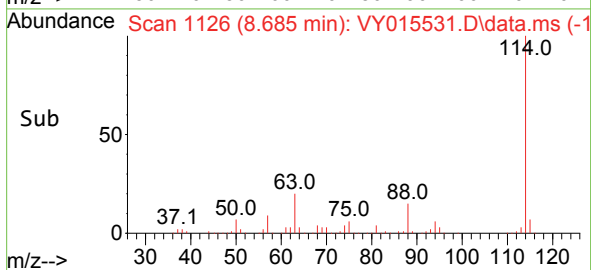
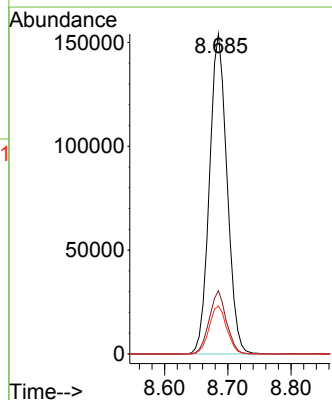
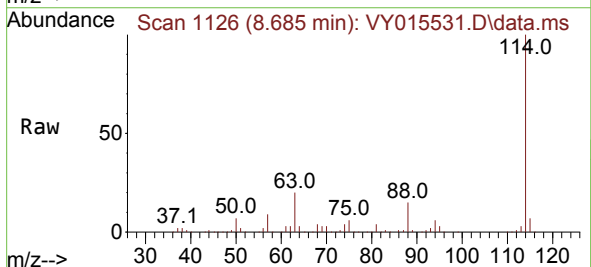
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 96478
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

Tgt Ion: 114 Resp: 296848
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.0 0.0 30.6

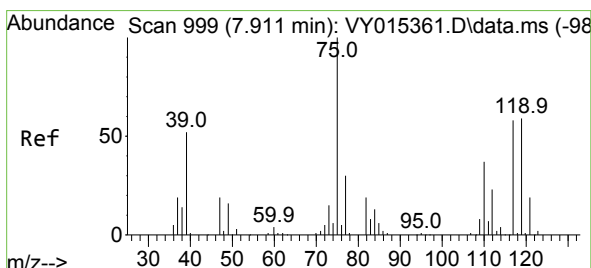
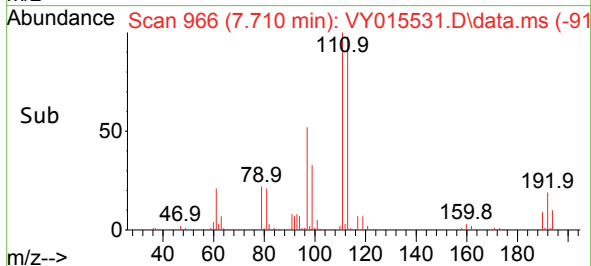
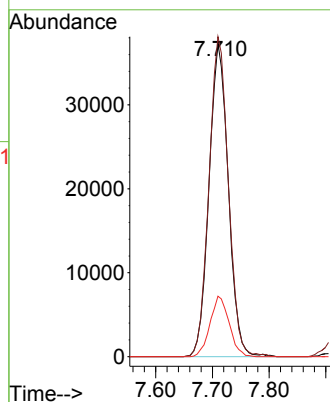
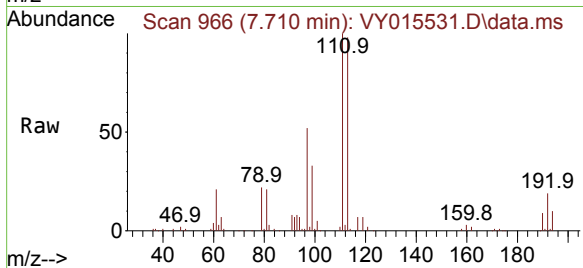




#35
Dibromofluoromethane
Concen: 51.481 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

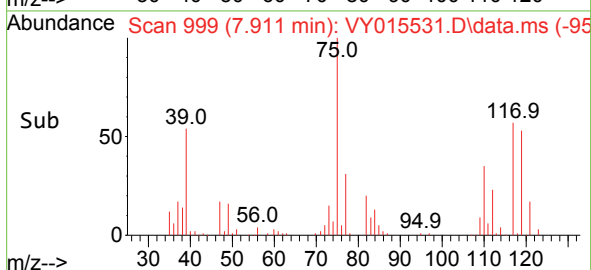
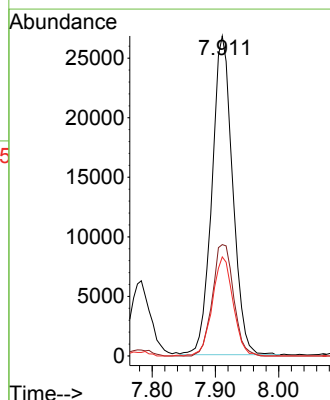
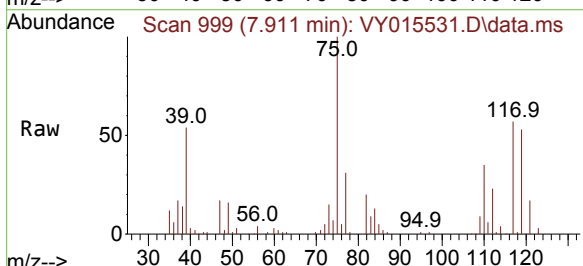
Instrument :
MSVOA_Y
ClientSampleId :

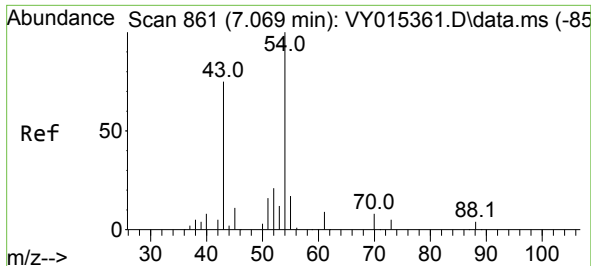
Tgt Ion:113 Resp: 88021
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.199 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 75 Resp: 60641
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 26.354 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.006 min

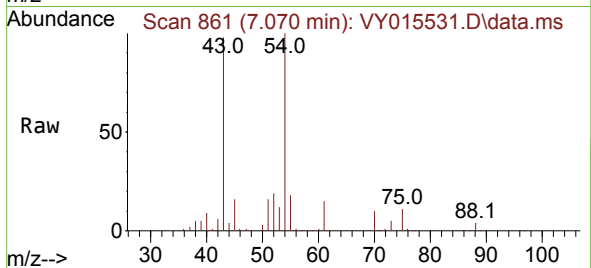
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

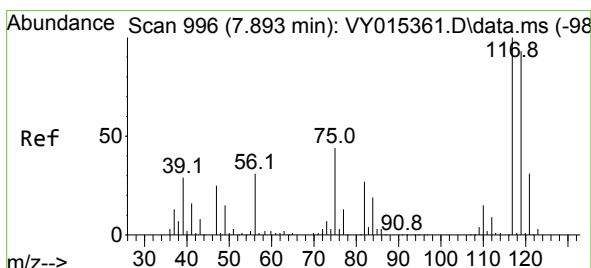
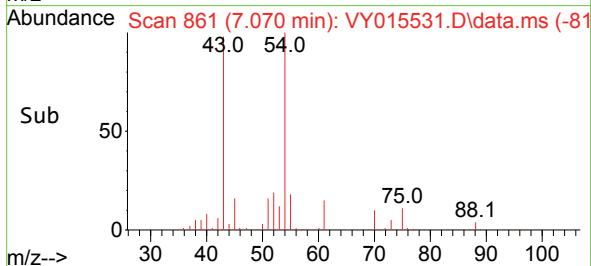
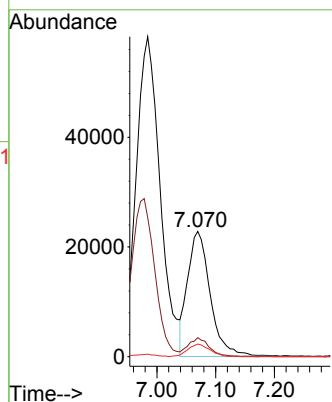
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	61022
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	9.9	7.1	10.7



#38

Carbon Tetrachloride

Concen: 21.198 ug/l

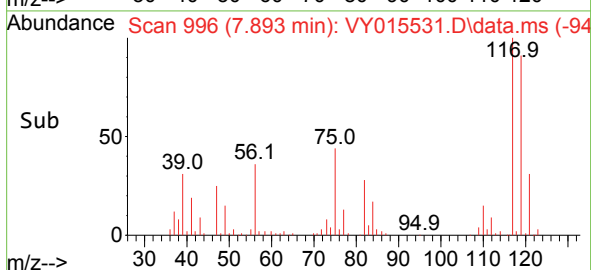
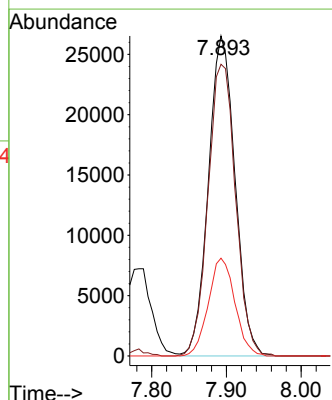
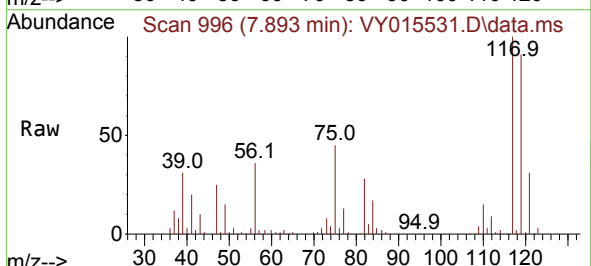
RT: 7.893 min Scan# 996

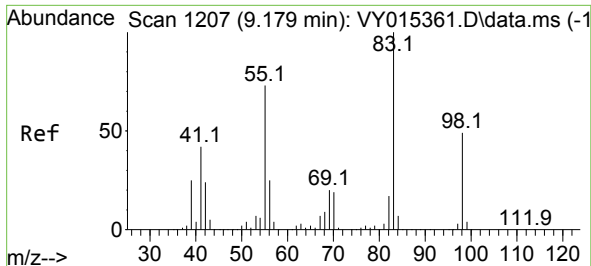
Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion:	117	Resp:	65730
Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.4	114.6
121	30.5	25.8	38.6





#39

Methylcyclohexane

Concen: 18.540 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

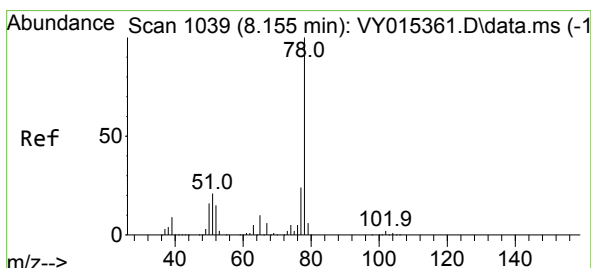
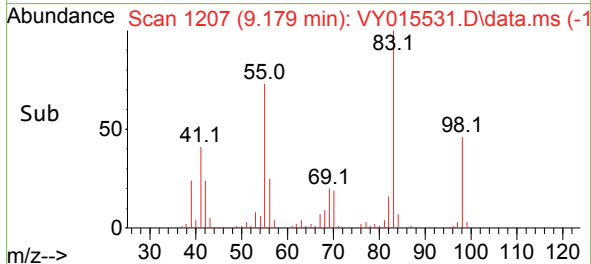
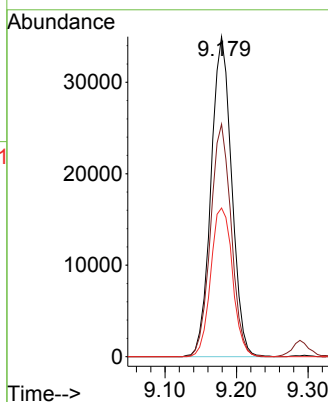
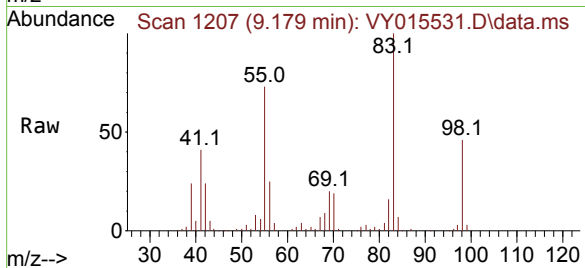
Tgt Ion: 83 Resp: 70075

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 46.5 37.4 56.2



#40

Benzene

Concen: 22.717 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015531.D

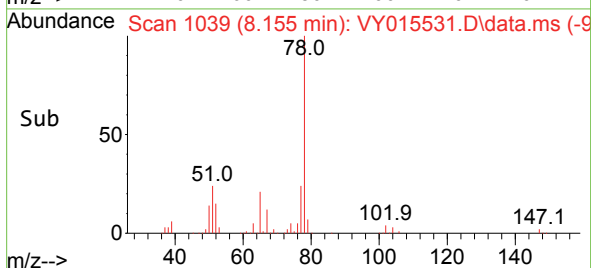
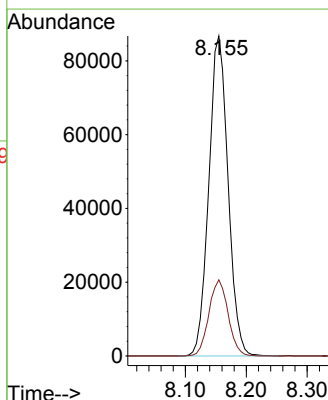
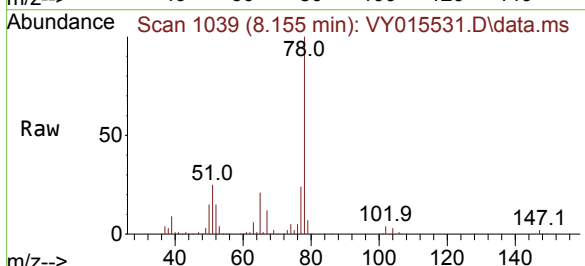
Acq: 14 Sep 2023 13:47

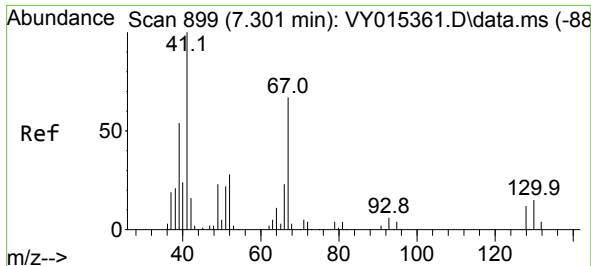
Tgt Ion: 78 Resp: 190277

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

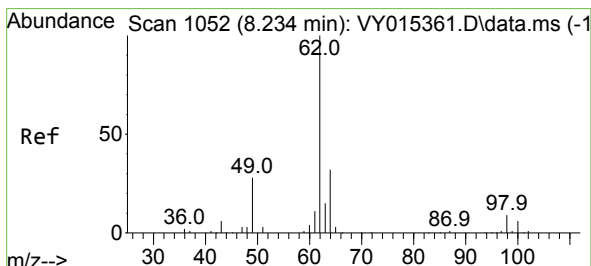
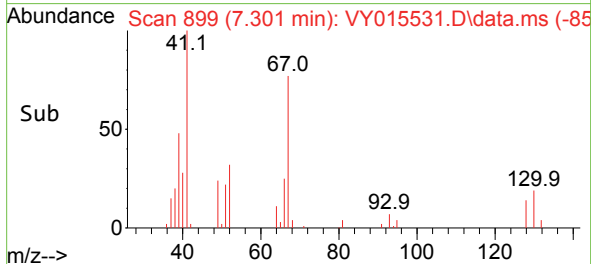
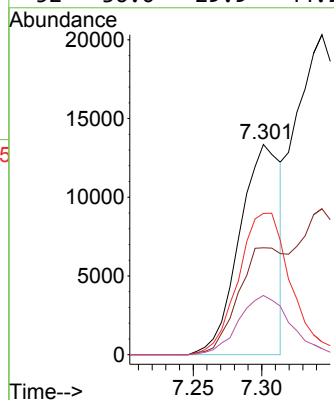
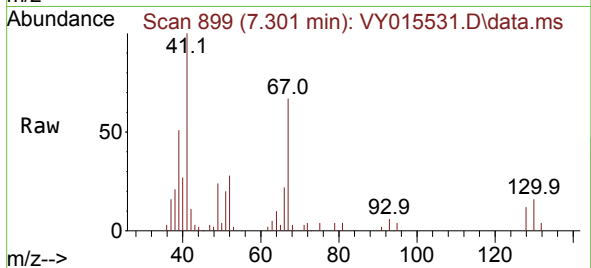




#41
Methacrylonitrile
Concen: 25.587 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

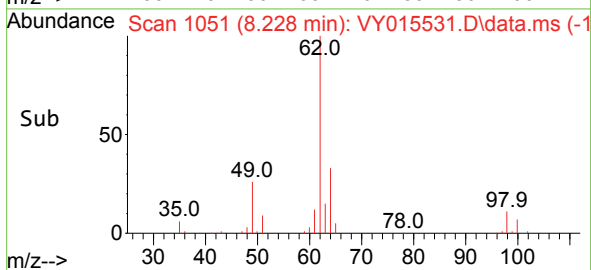
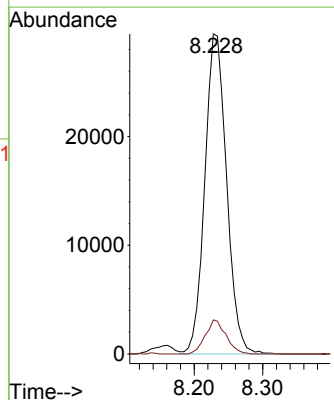
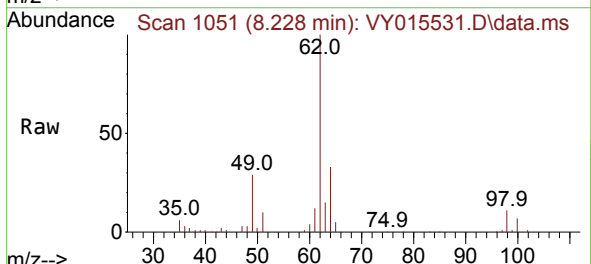
Instrument :
MSVOA_Y
ClientSampleId :

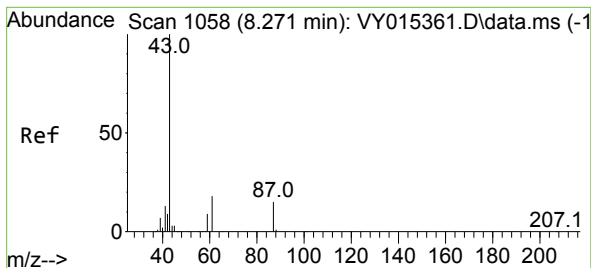
Tgt Ion:	41	Resp:	27782
Ion	Ratio	Lower	Upper
41	100		
39	61.3	52.1	78.1
67	86.9	66.2	99.2
52	36.0	29.9	44.9



#42
1,2-Dichloroethane
Concen: 23.311 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion:	62	Resp:	65108
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 26.066 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.006 min

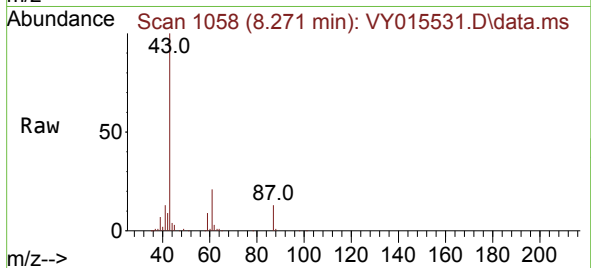
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :



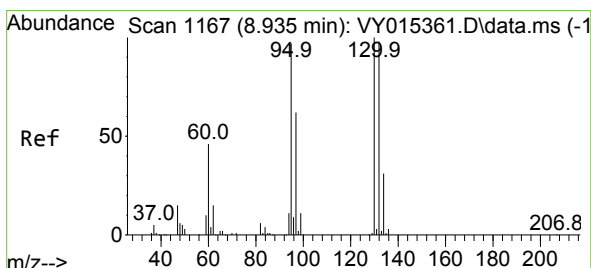
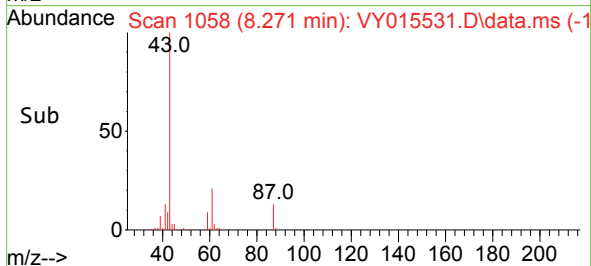
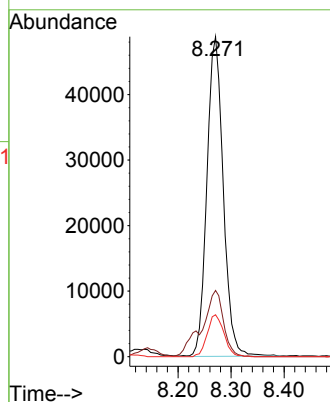
Tgt Ion: 43 Resp: 104365

Ion Ratio Lower Upper

43 100

61 27.5 21.1 31.7

87 13.4 9.8 14.8



#44

Trichloroethene

Concen: 22.221 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY015531.D

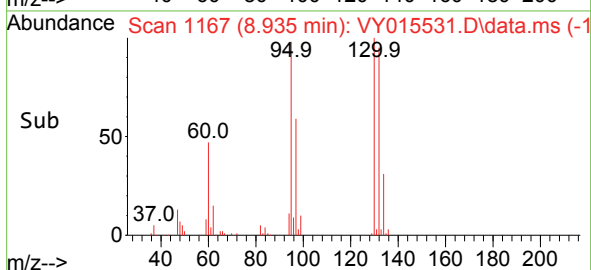
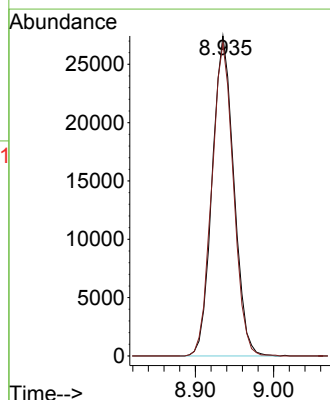
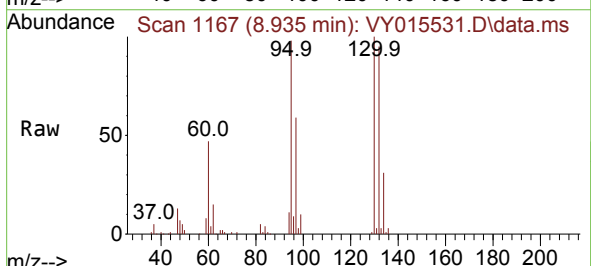
Acq: 14 Sep 2023 13:47

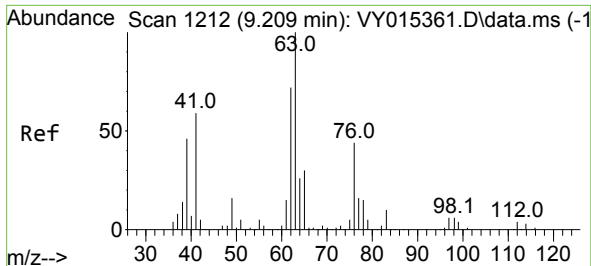
Tgt Ion:130 Resp: 52660

Ion Ratio Lower Upper

130 100

95 97.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 23.849 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

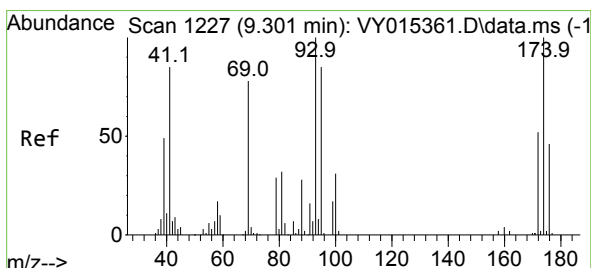
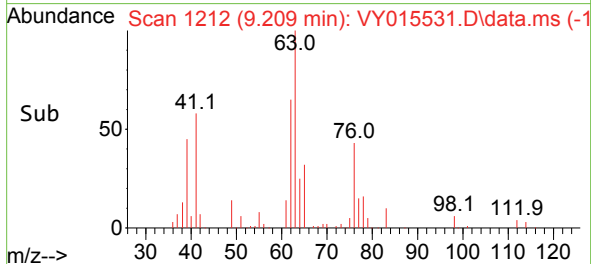
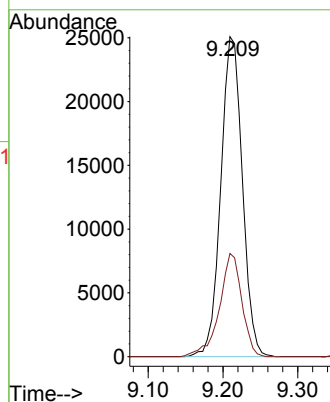
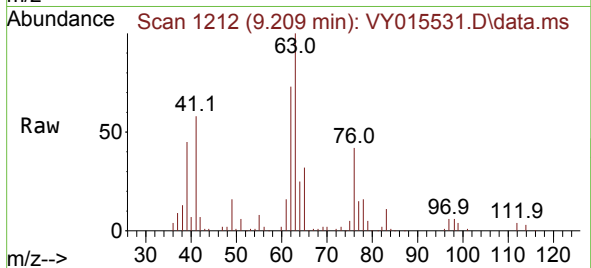
ClientSampleId :

Tgt Ion: 63 Resp: 50358

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.6



#46

Dibromomethane

Concen: 23.604 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

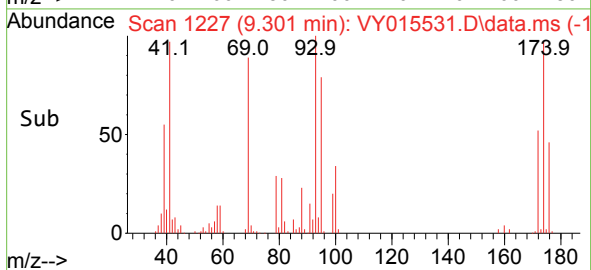
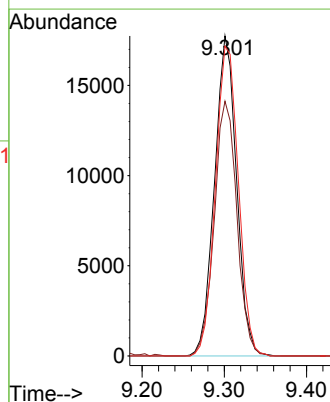
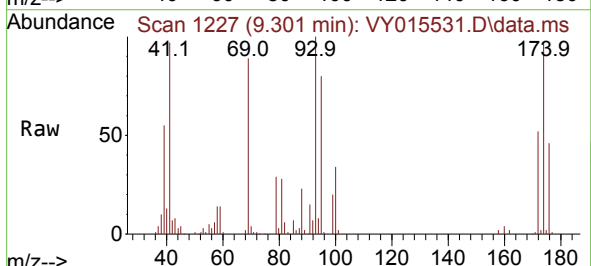
Tgt Ion: 93 Resp: 33107

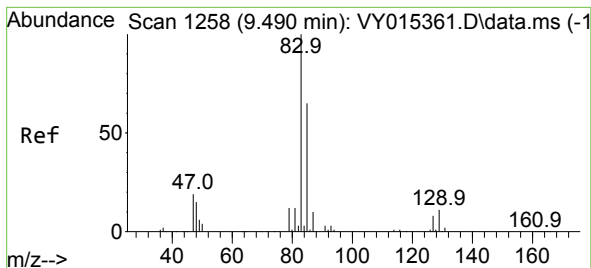
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 100.6 84.8 127.2





#47

Bromodichloromethane

Concen: 24.230 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015531.D

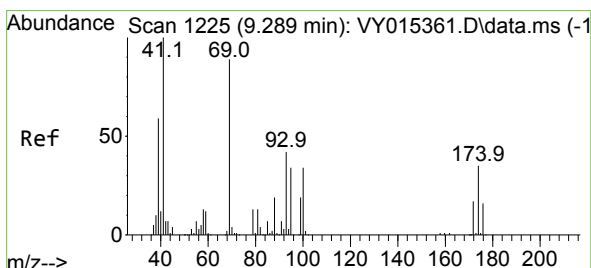
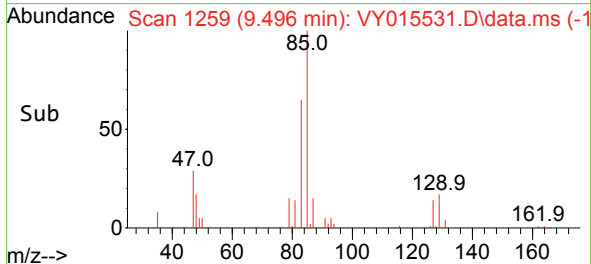
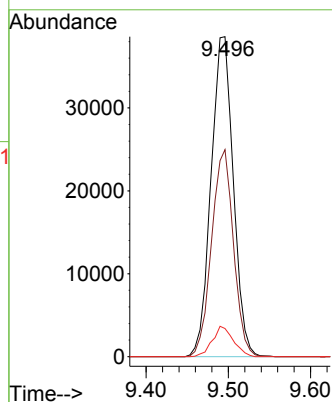
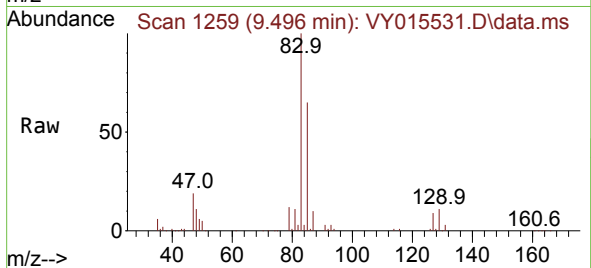
Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 72677
Ion Ratio	Lower Upper
83	100
85	64.7 50.1 75.1
127	8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 24.737 ug/l

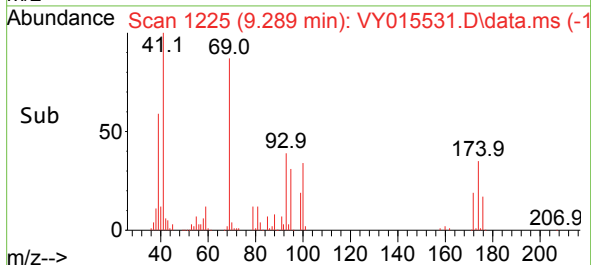
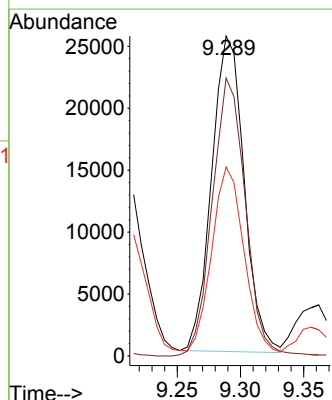
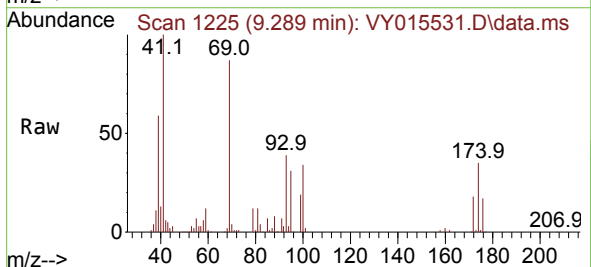
RT: 9.289 min Scan# 1225

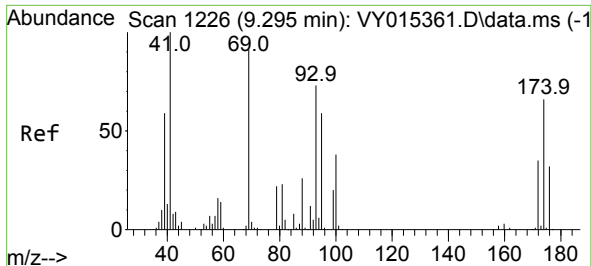
Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion: 41	Resp: 45443
Ion Ratio	Lower Upper
41	100
69	90.0 64.5 96.7
39	61.0 50.8 76.2





#49

1,4-Dioxane

Concen: 538.067 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

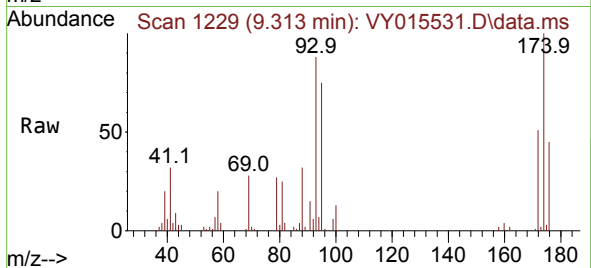
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :



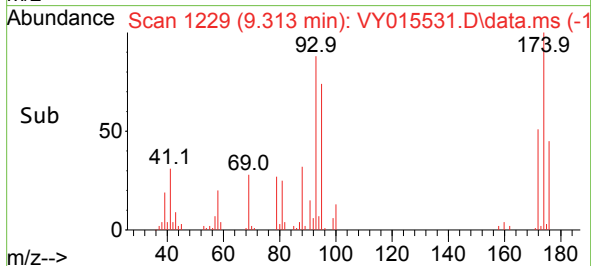
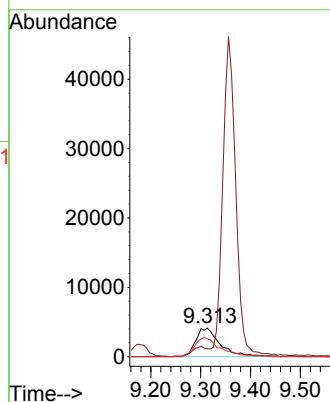
Tgt Ion: 88 Resp: 14018

Ion Ratio Lower Upper

88 100

43 24.5 0.0 0.0#

58 70.2 30.9 46.3#



#50

Toluene-d8

Concen: 47.497 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015531.D

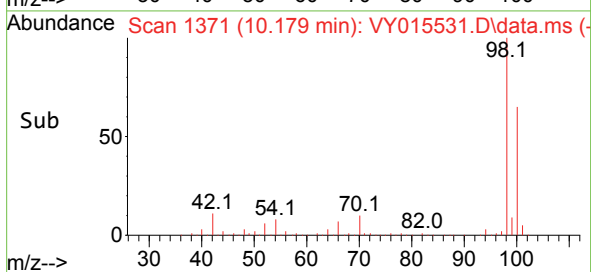
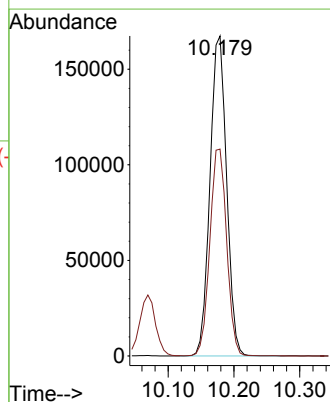
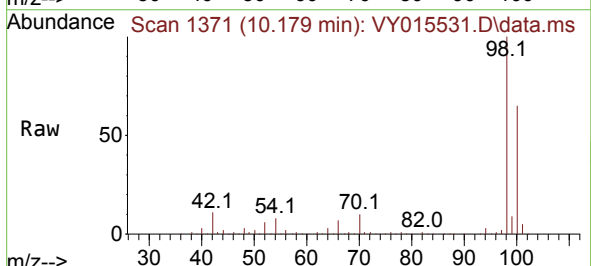
Acq: 14 Sep 2023 13:47

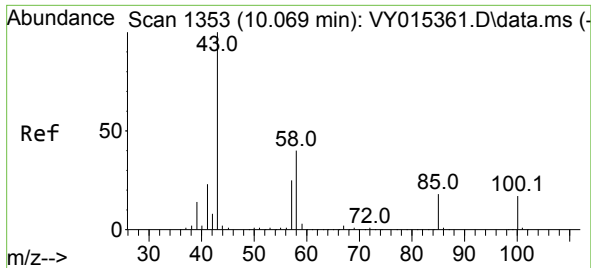
Tgt Ion: 98 Resp: 294087

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

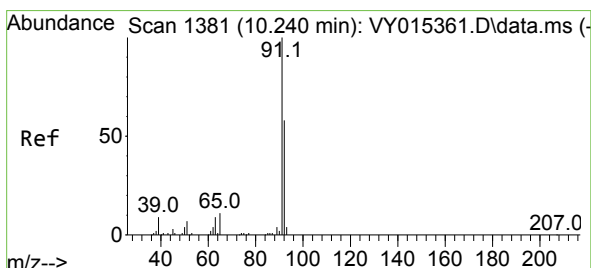
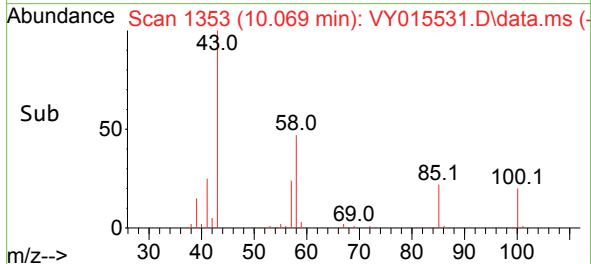
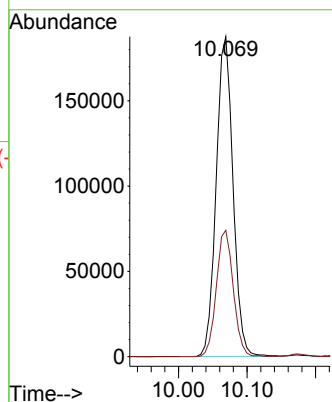
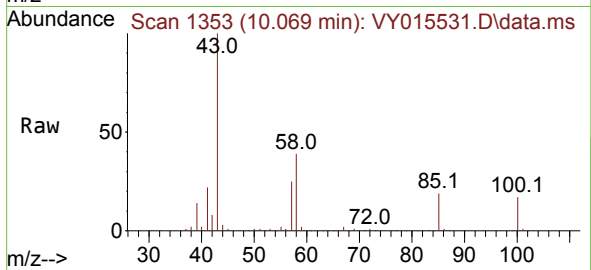




#51
4-Methyl-2-Pentanone
Concen: 137.440 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

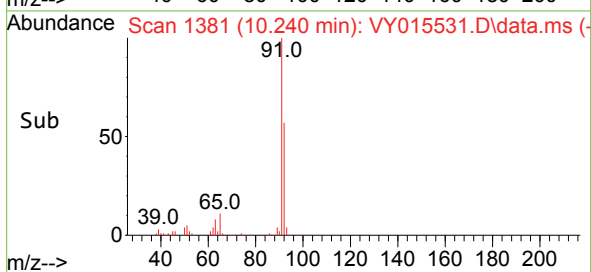
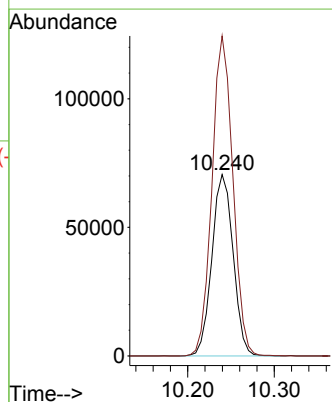
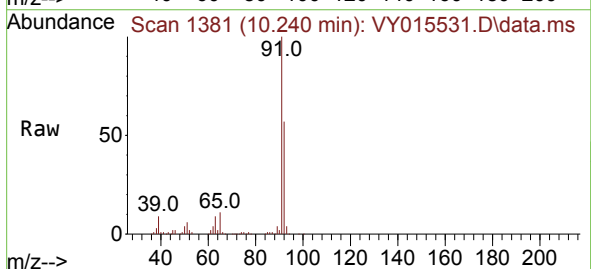
Instrument :
MSVOA_Y
ClientSampleId :

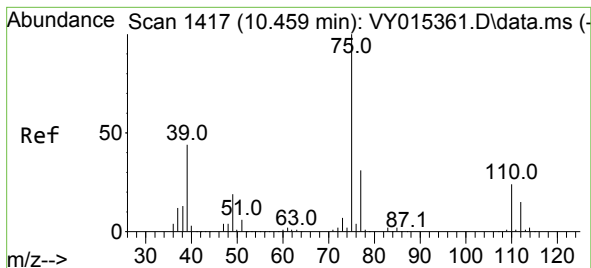
Tgt Ion: 43 Resp: 319845
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 22.391 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 92 Resp: 120208
Ion Ratio Lower Upper
92 100
91 173.6 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 24.144 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

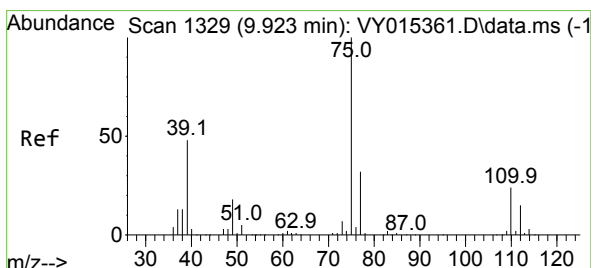
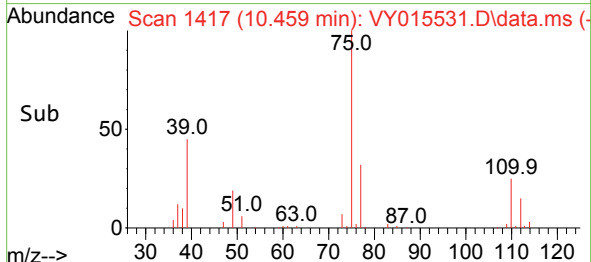
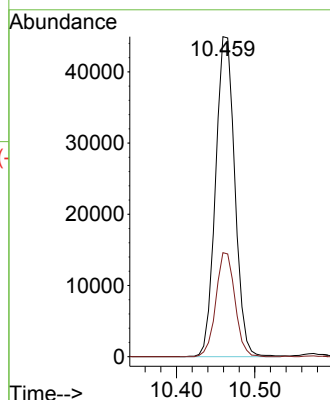
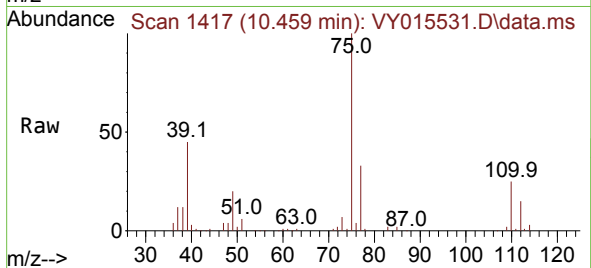
ClientSampleId :

Tgt Ion: 75 Resp: 76965

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 23.789 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

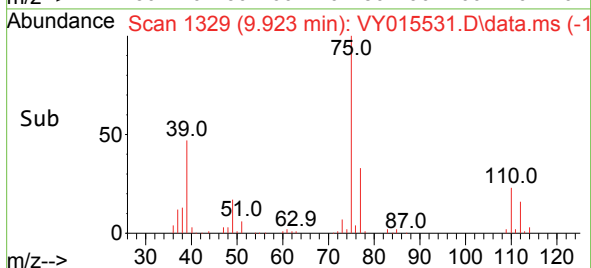
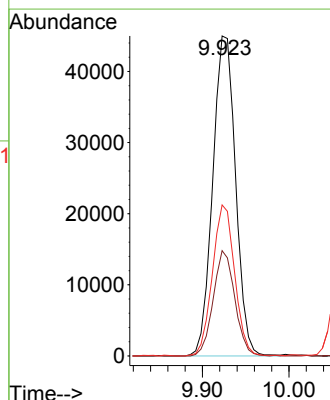
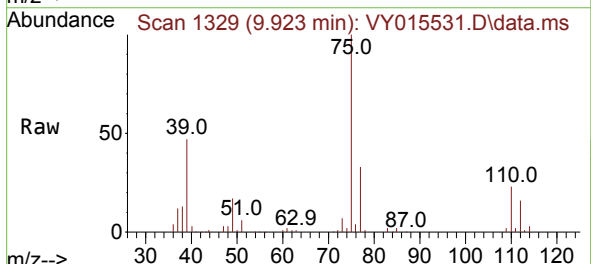
Tgt Ion: 75 Resp: 82490

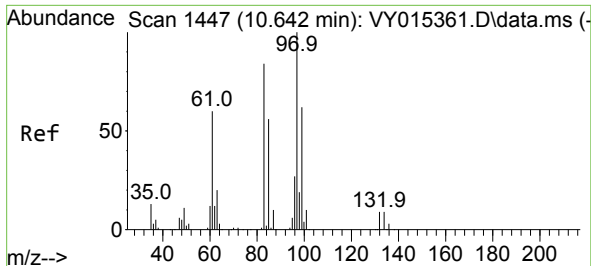
Ion Ratio Lower Upper

75 100

77 32.9 24.2 36.4

39 47.2 42.2 63.4

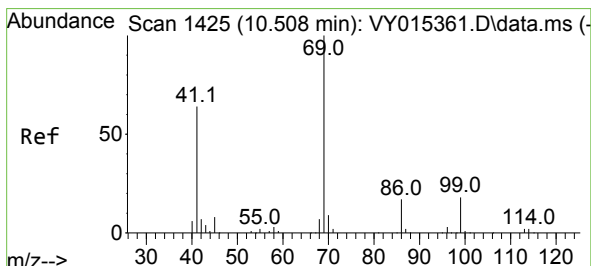
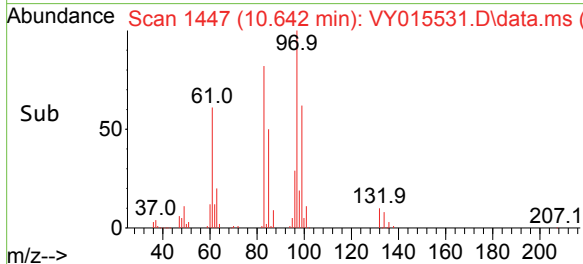
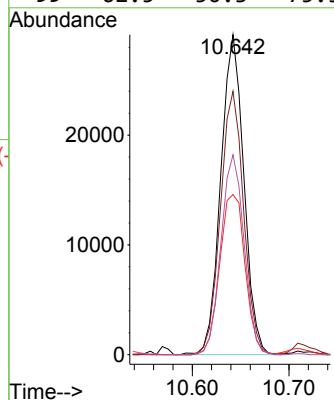
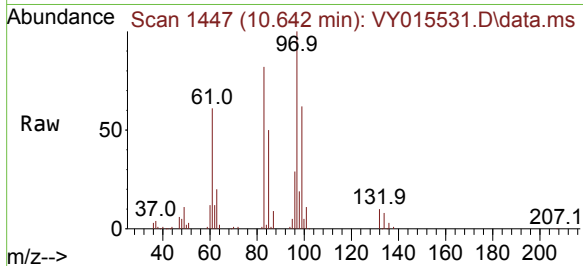




#55
1,1,2-Trichloroethane
Concen: 25.471 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

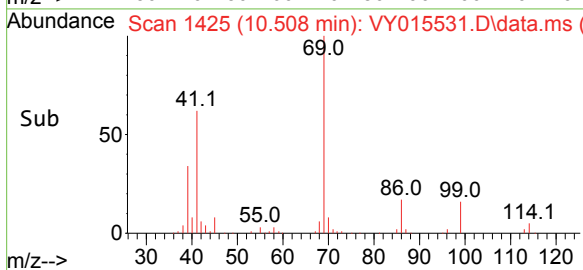
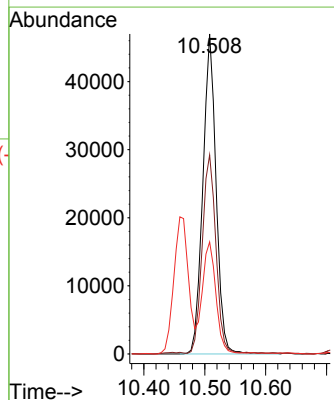
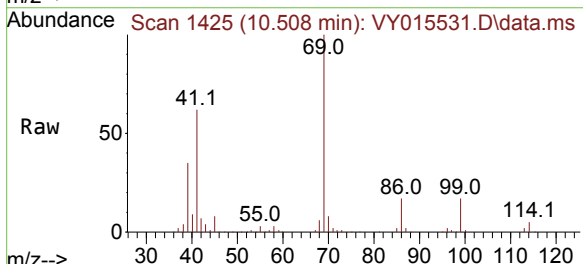
Instrument :
MSVOA_Y
ClientSampleId :

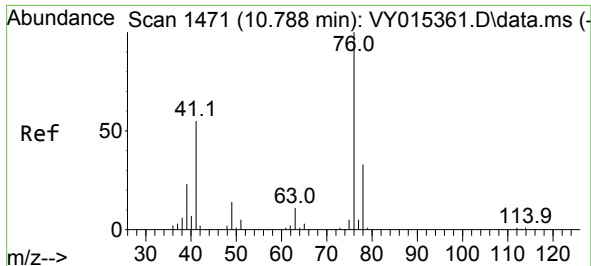
Tgt Ion:	97	Resp:	48136
Ion	Ratio	Lower	Upper
97	100		
83	82.3	72.0	108.0
85	50.0	45.4	68.0
99	62.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 25.396 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion:	69	Resp:	71124
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	35.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 24.568 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

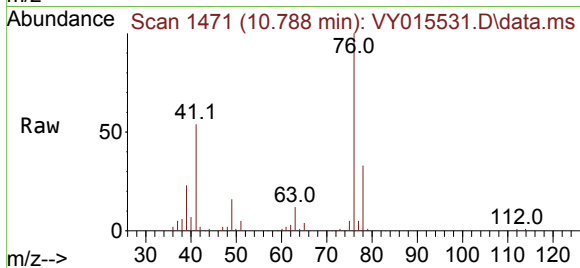
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

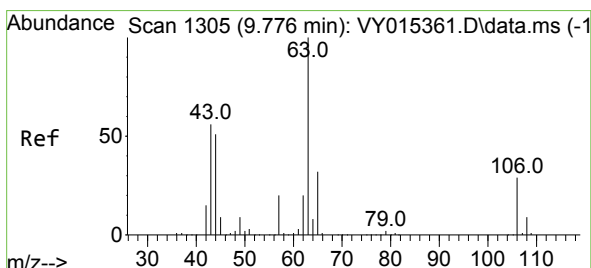
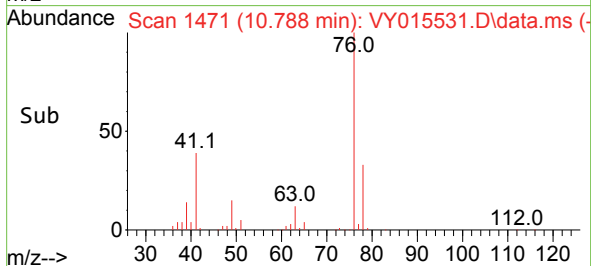
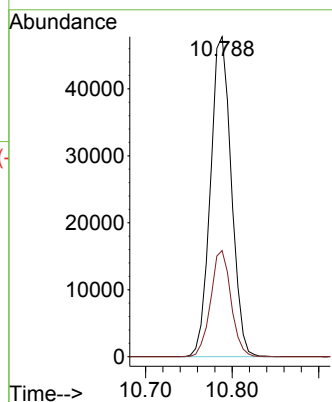


Tgt Ion: 76 Resp: 79924

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 109.328 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015531.D

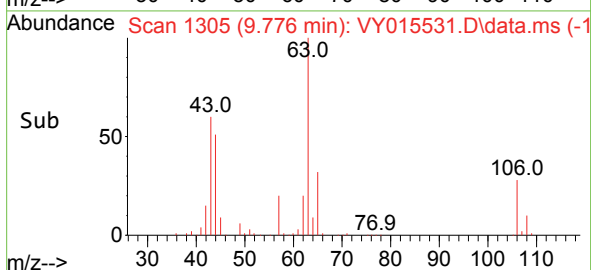
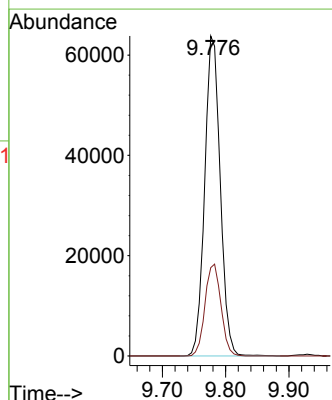
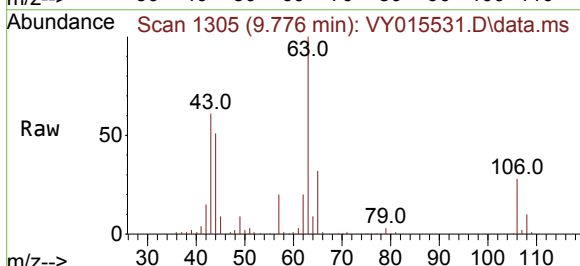
Acq: 14 Sep 2023 13:47

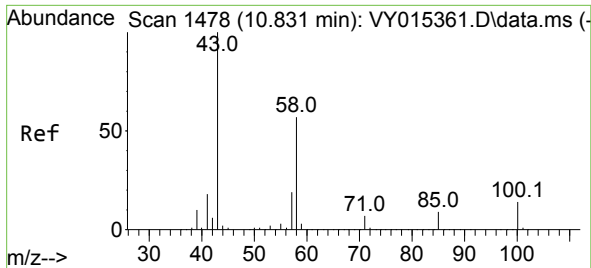
Tgt Ion: 63 Resp: 109287

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

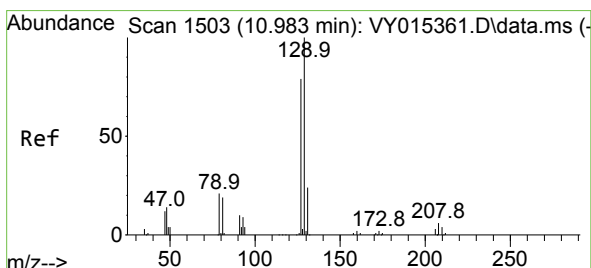
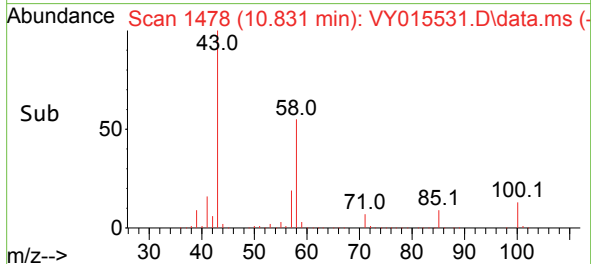
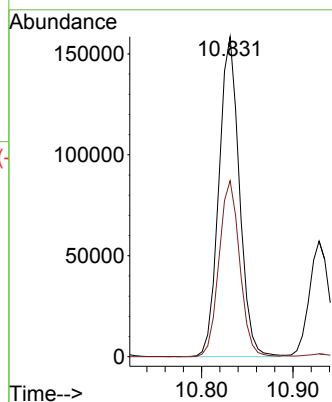
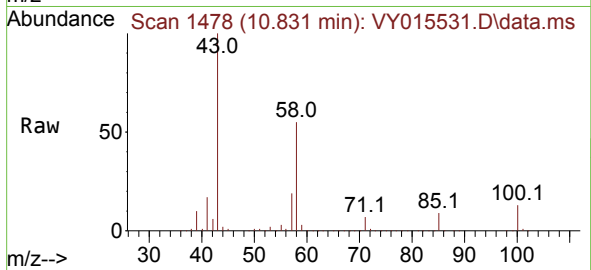




#59
2-Hexanone
Concen: 141.435 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

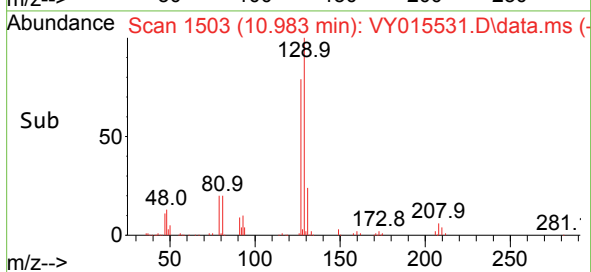
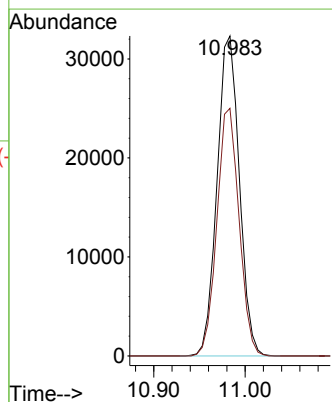
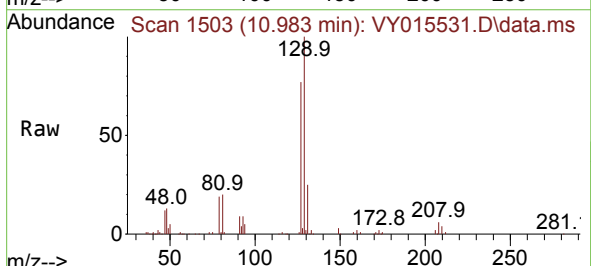
Instrument :
MSVOA_Y
ClientSampleId :

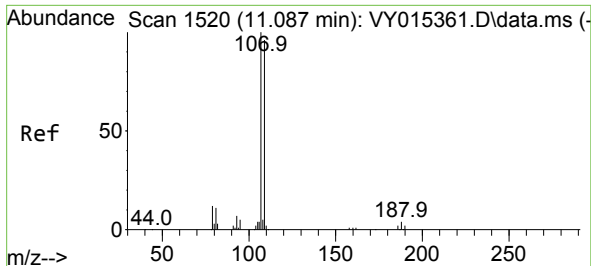
Tgt Ion: 43 Resp: 246970
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 24.803 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 129 Resp: 54864
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

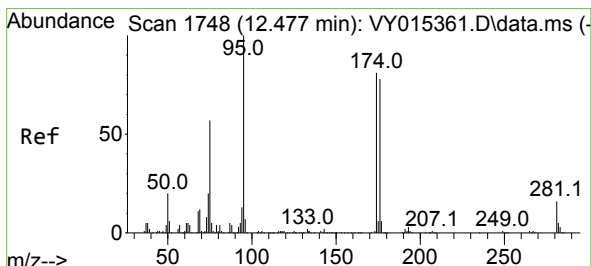
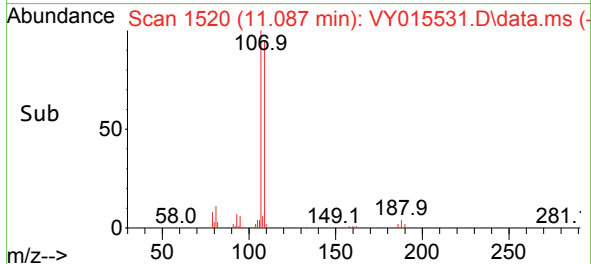
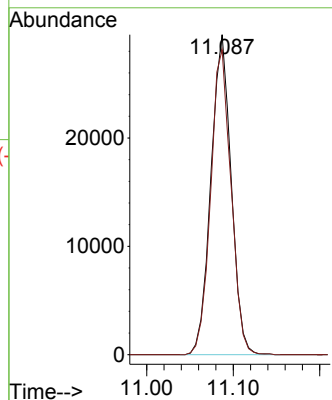
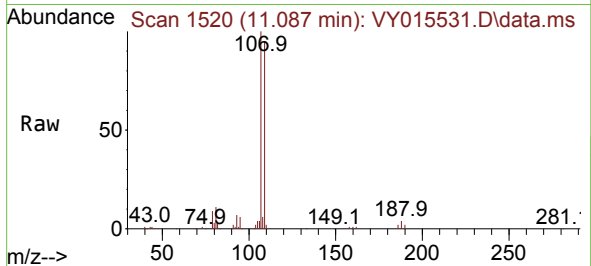




#61
1,2-Dibromoethane
Concen: 24.988 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

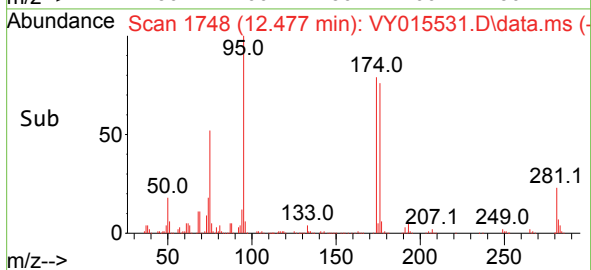
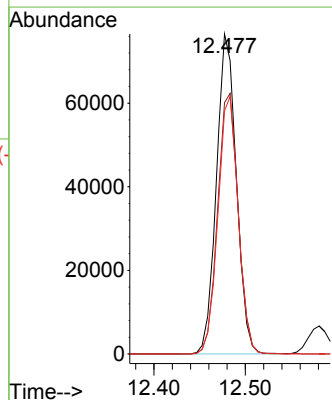
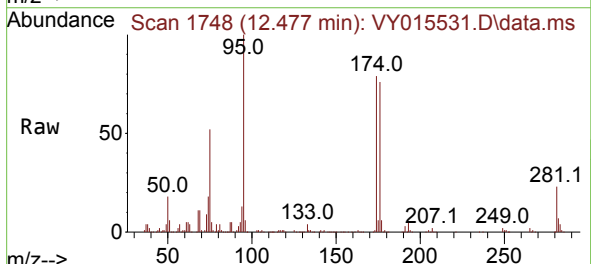
Instrument :
MSVOA_Y
ClientSampleId :

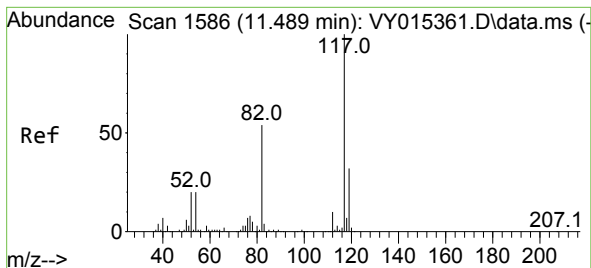
Tgt Ion:107 Resp: 47851
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.443 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 95 Resp: 115948
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

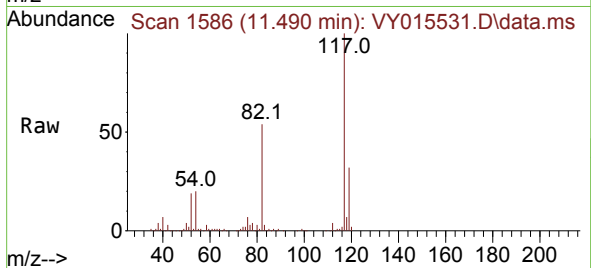
Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :



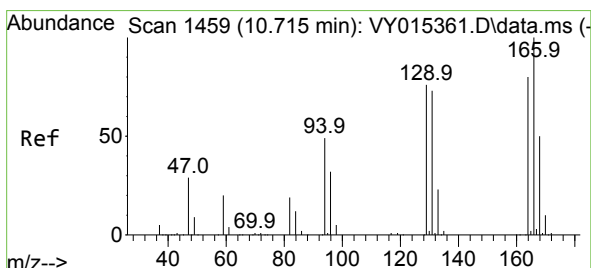
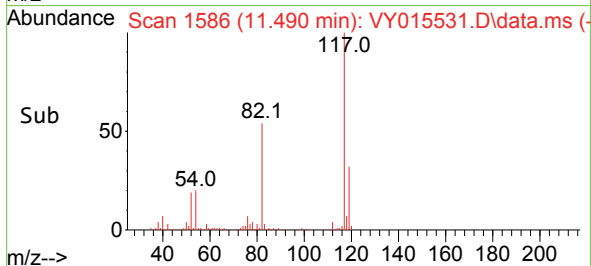
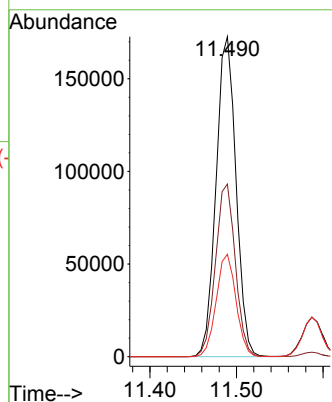
Tgt Ion:117 Resp: 275989

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 23.378 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion:164 Resp: 58563

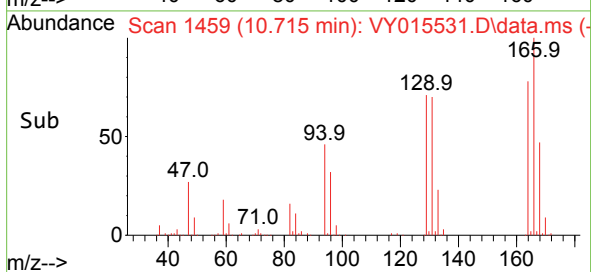
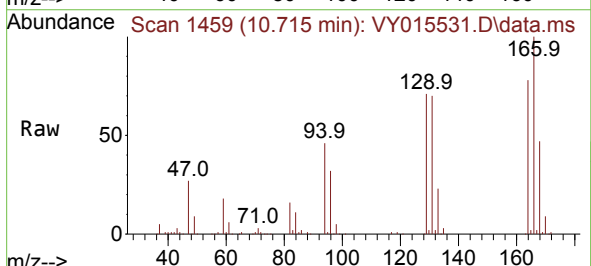
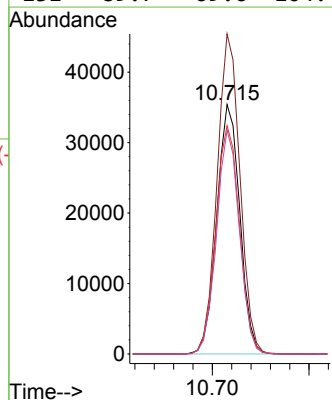
Ion Ratio Lower Upper

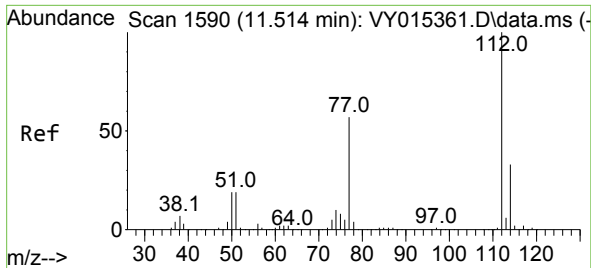
164 100

166 128.3 103.0 154.6

129 91.4 77.2 115.8

131 89.7 69.6 104.4

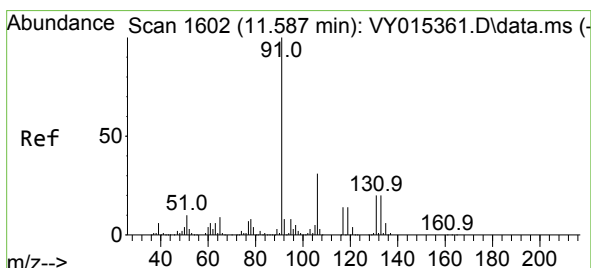
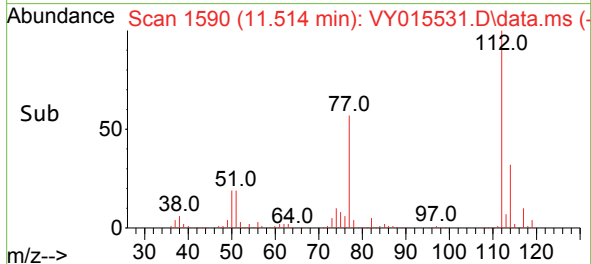
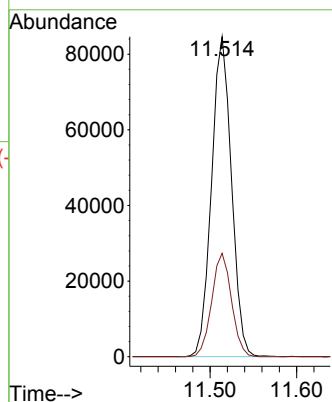
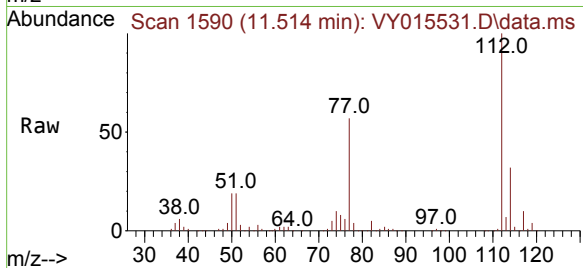




#65
Chlorobenzene
Concen: 22.744 ug/l
RT: 11.514 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

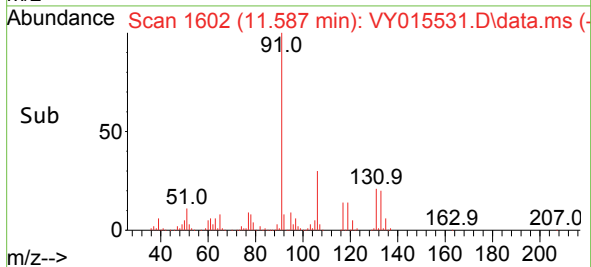
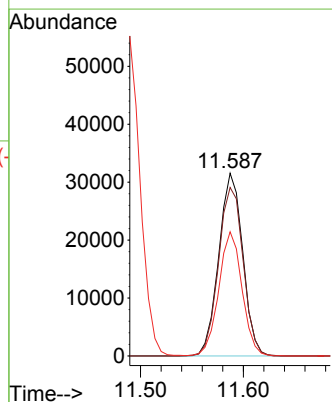
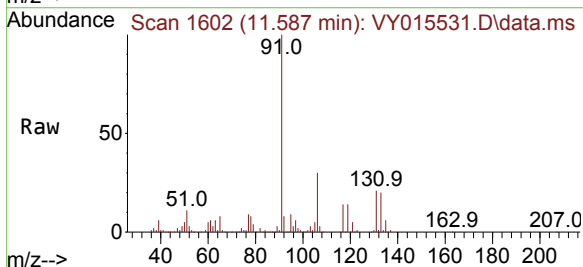
Instrument :
MSVOA_Y
ClientSampleId :

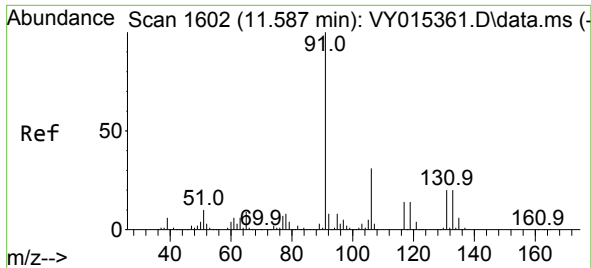
Tgt Ion:112 Resp: 135261
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.434 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion:131 Resp: 51011
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.0 31.6 94.7

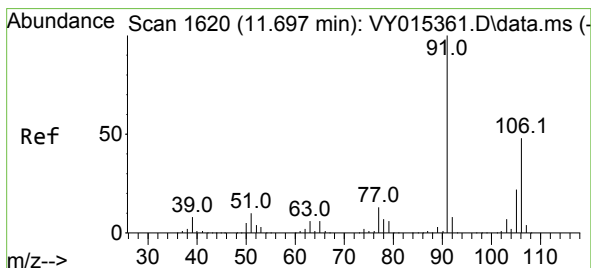
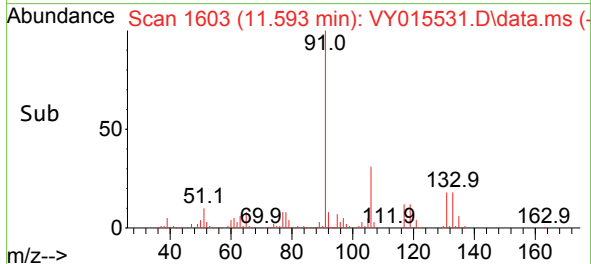
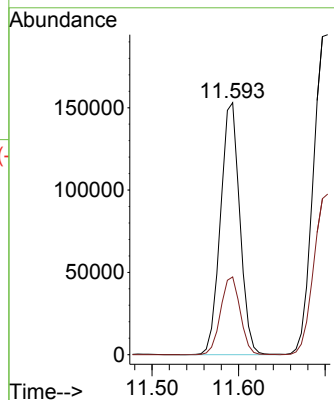
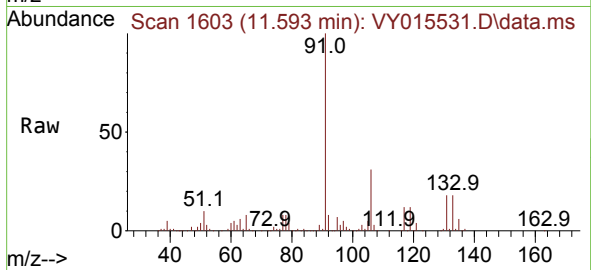




#67
Ethyl Benzene
Concen: 22.213 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

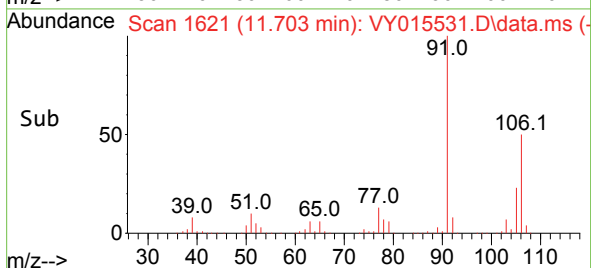
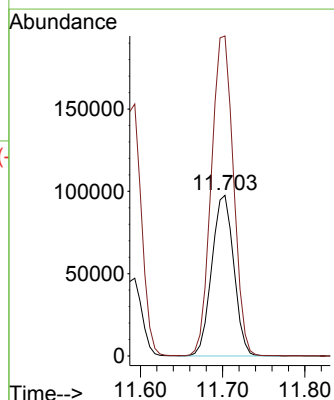
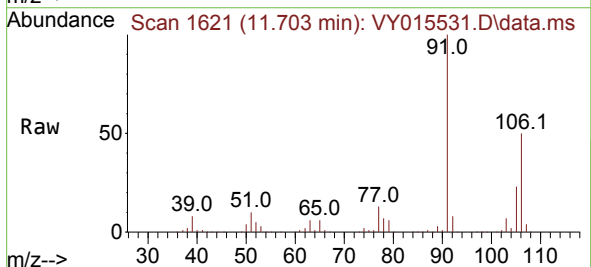
Instrument :
MSVOA_Y
ClientSampleId :

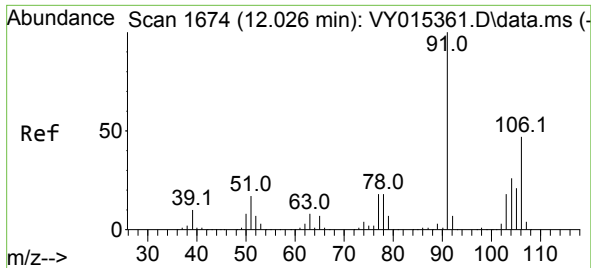
Tgt Ion: 91 Resp: 237216
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 43.833 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion:106 Resp: 181439
Ion Ratio Lower Upper
106 100
91 200.9 166.1 249.1

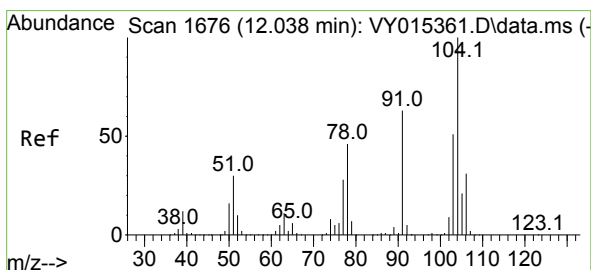
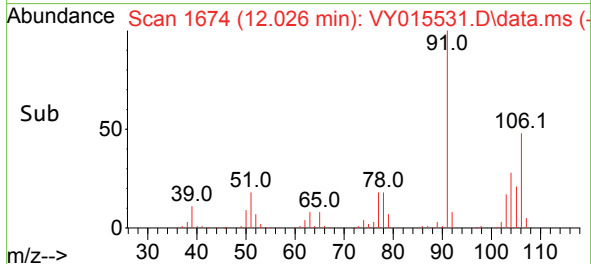
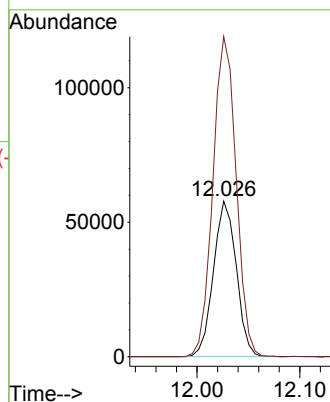
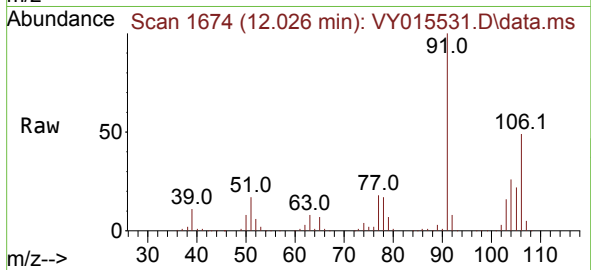




#69
o-Xylene
Concen: 22.508 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

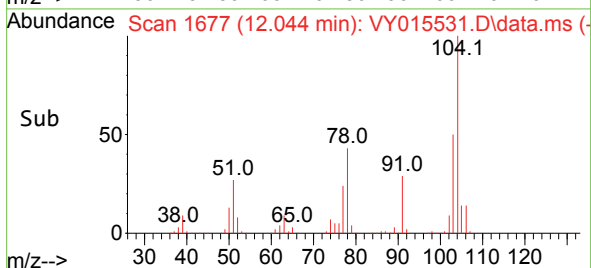
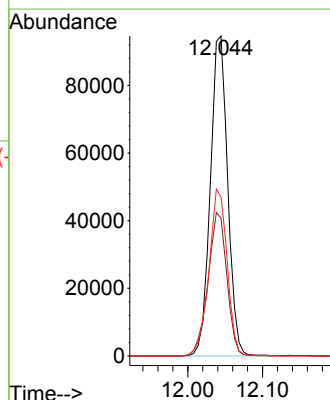
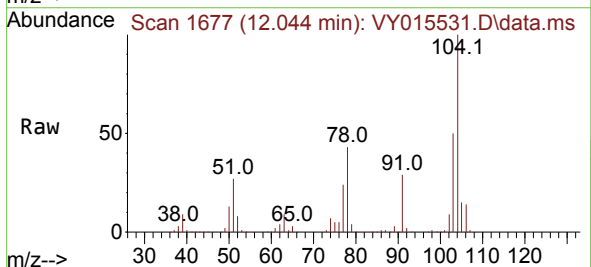
Instrument :
MSVOA_Y
ClientSampleId :

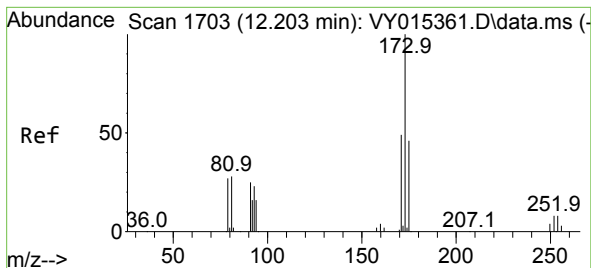
Tgt Ion:106 Resp: 89040
Ion Ratio Lower Upper
106 100
91 209.7 108.1 324.3



#70
Styrene
Concen: 23.008 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion:104 Resp: 153043
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 24.423 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015531.D

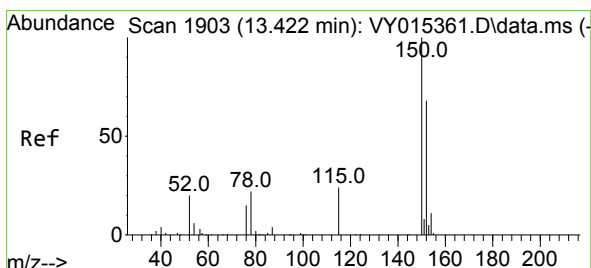
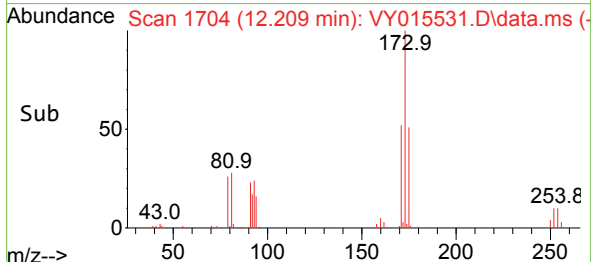
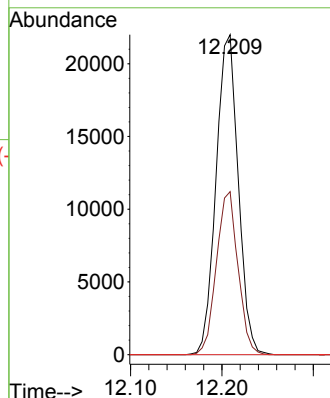
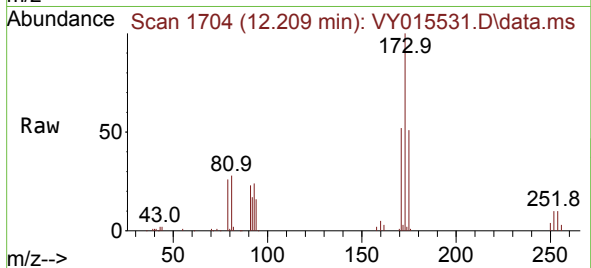
Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	37085
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

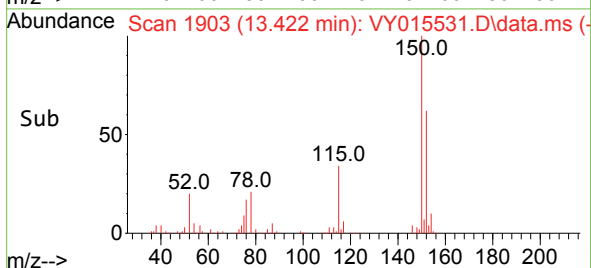
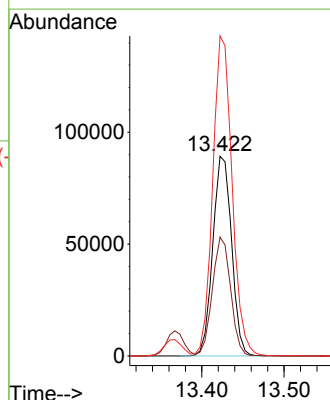
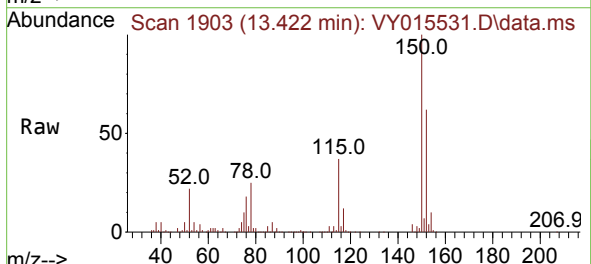
RT: 13.422 min Scan# 1903

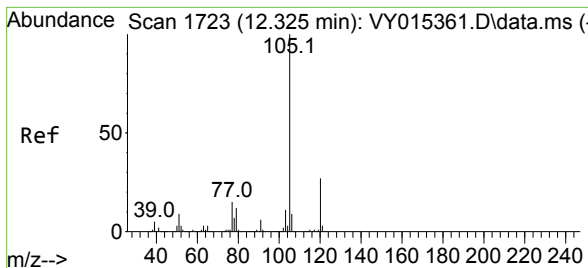
Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion:152	Resp:	141721
Ion Ratio	Lower	Upper
152	100	
115	57.7	28.8 86.5
150	164.7	0.0 348.8





#73

Isopropylbenzene

Concen: 21.669 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

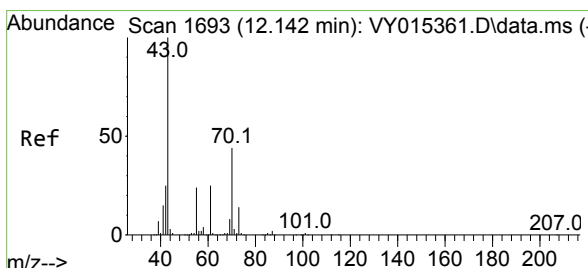
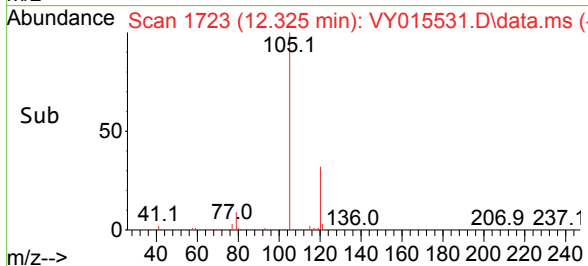
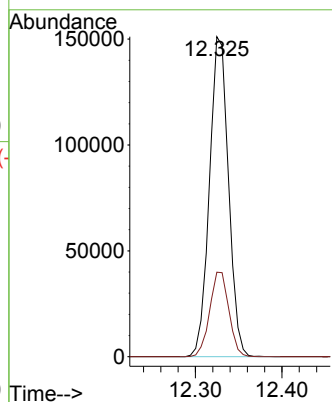
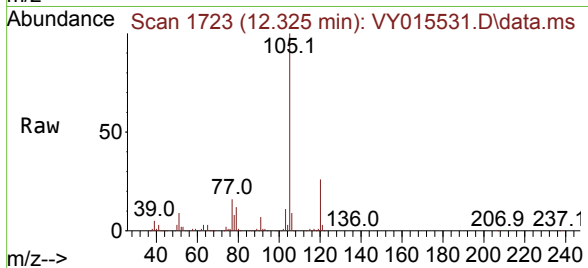
ClientSampleId :

Tgt Ion:105 Resp: 230665

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 24.012 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion: 43 Resp: 85876

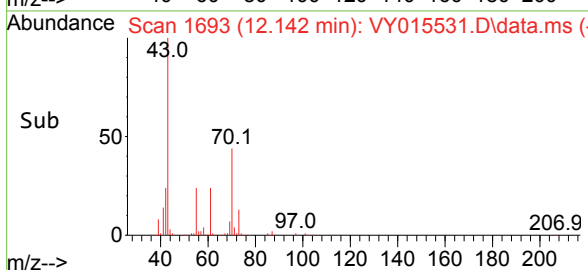
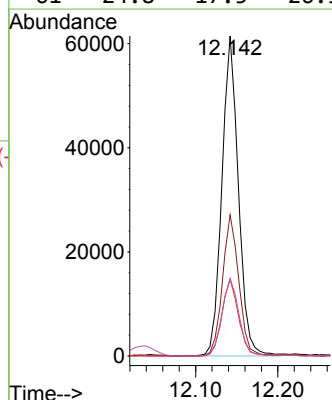
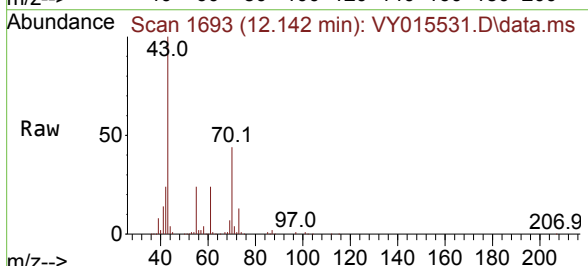
Ion Ratio Lower Upper

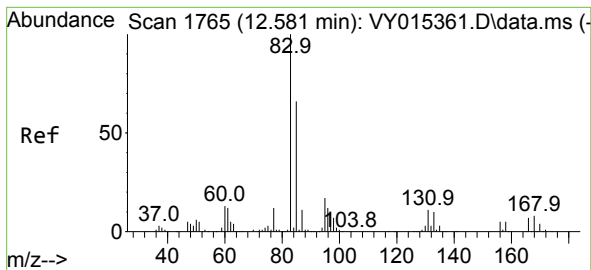
43 100

70 43.7 29.7 44.5

55 24.3 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 24.899 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

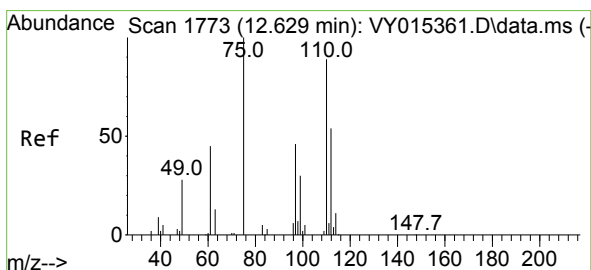
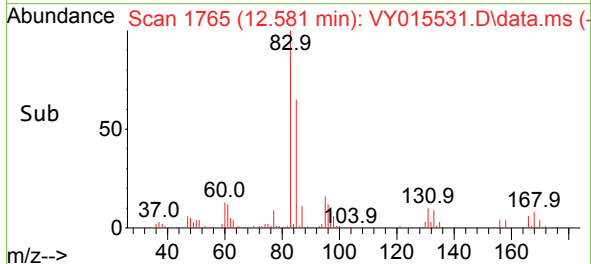
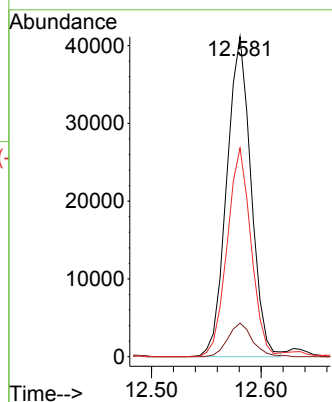
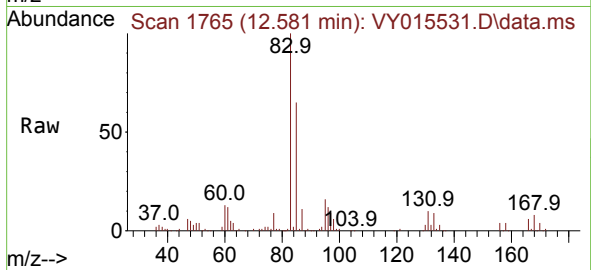
Tgt Ion: 83 Resp: 63274

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 44.781 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015531.D

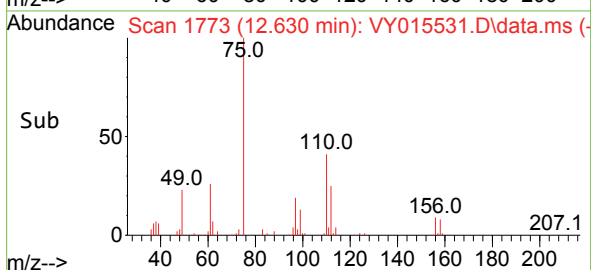
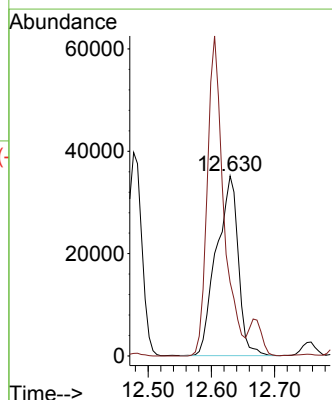
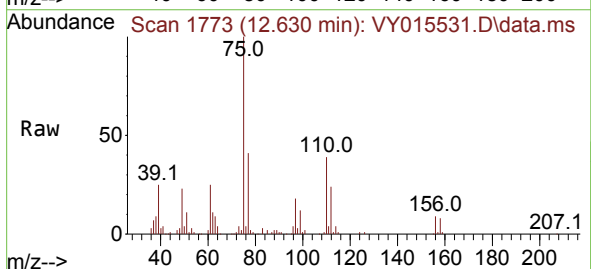
Acq: 14 Sep 2023 13:47

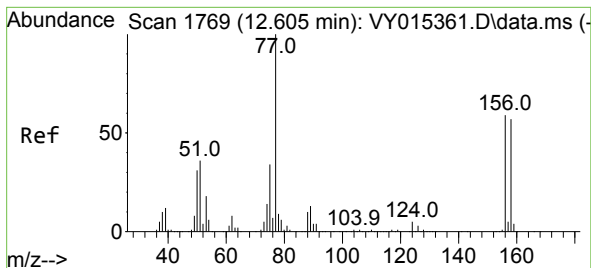
Tgt Ion: 75 Resp: 84161

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.063 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

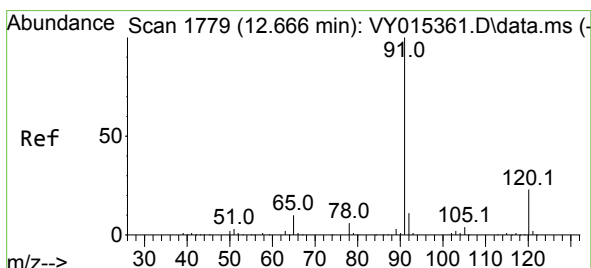
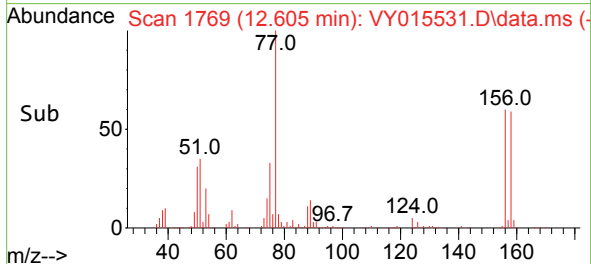
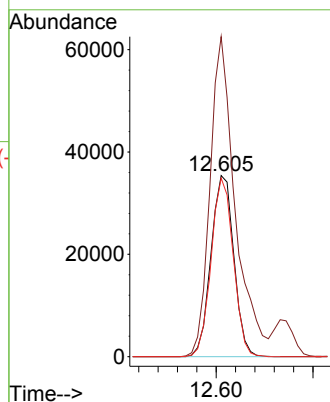
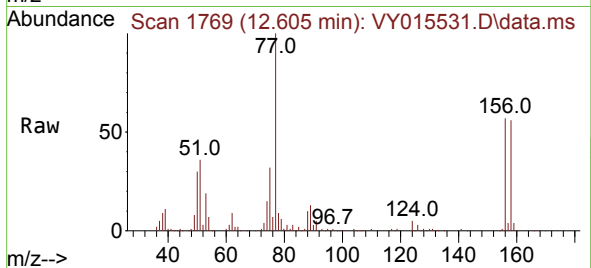
Tgt Ion:156 Resp: 58148

Ion Ratio Lower Upper

156 100

77 194.7 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 21.647 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015531.D

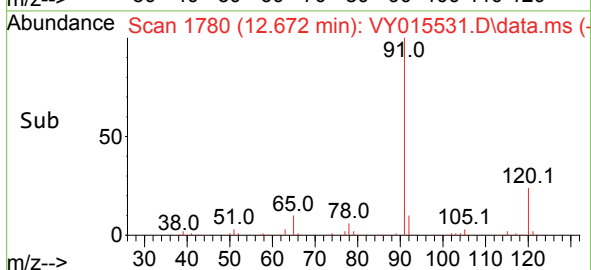
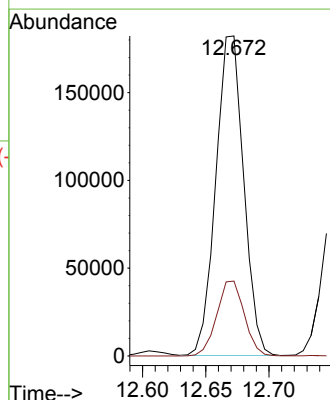
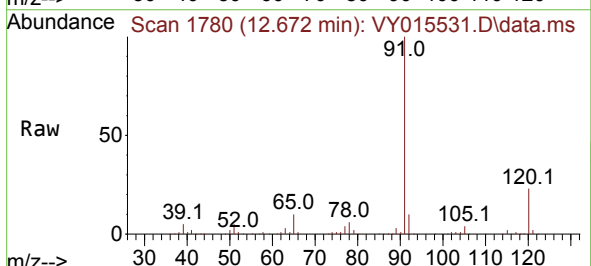
Acq: 14 Sep 2023 13:47

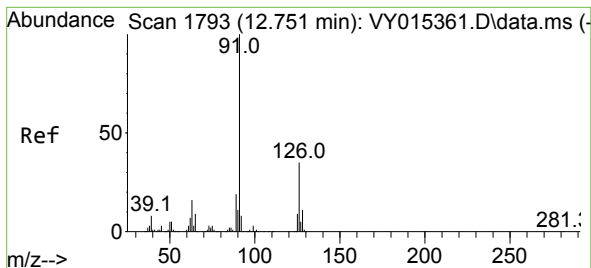
Tgt Ion: 91 Resp: 278829

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.121 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

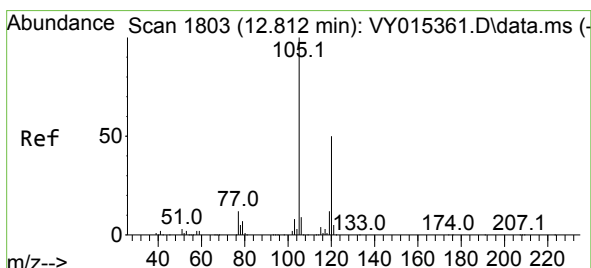
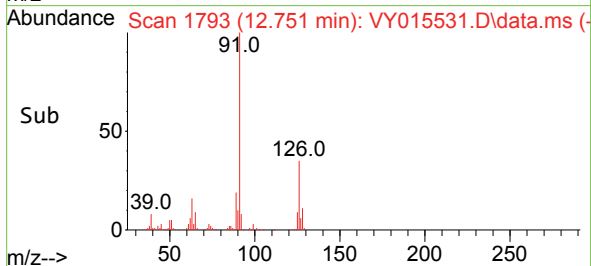
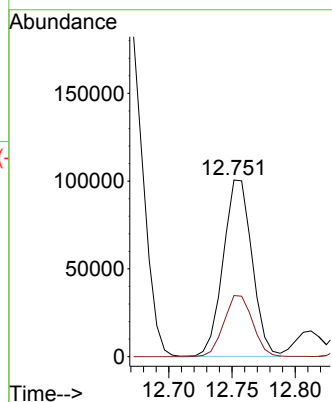
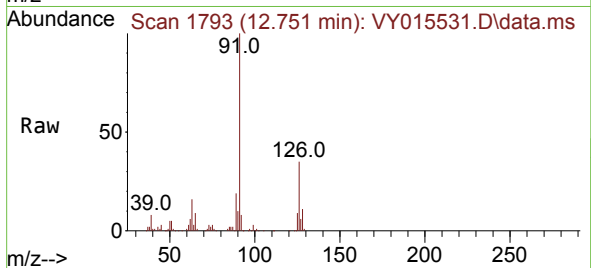
ClientSampleId :

Tgt Ion: 91 Resp: 159816

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.879 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015531.D

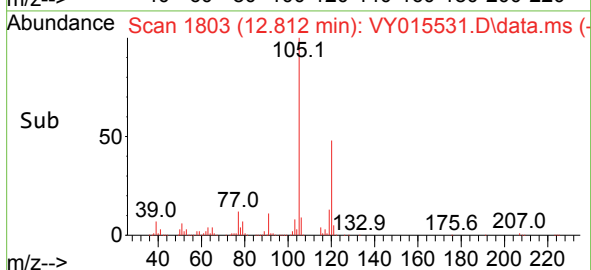
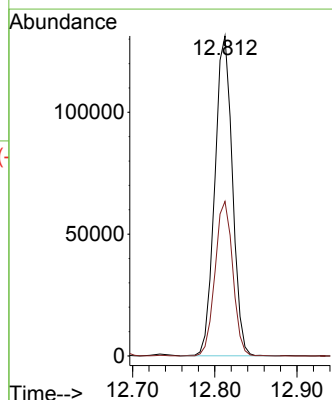
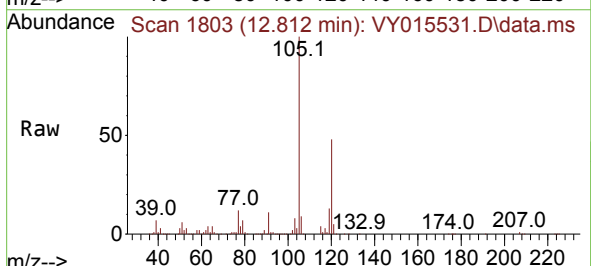
Acq: 14 Sep 2023 13:47

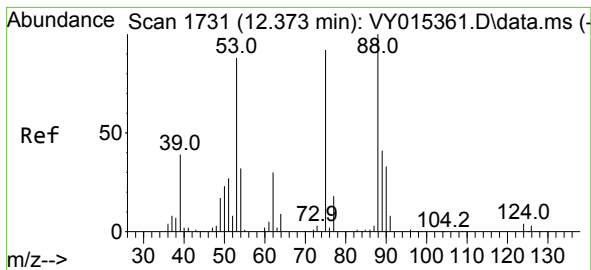
Tgt Ion: 105 Resp: 194805

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

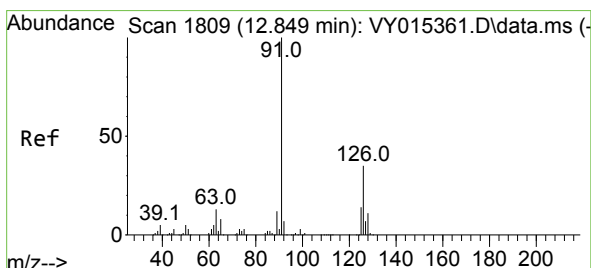
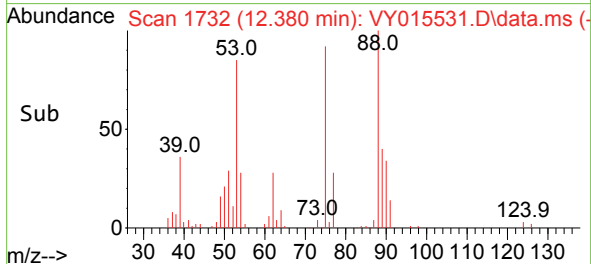
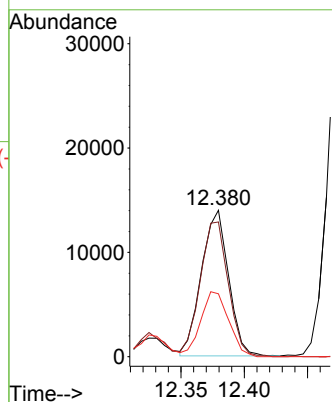
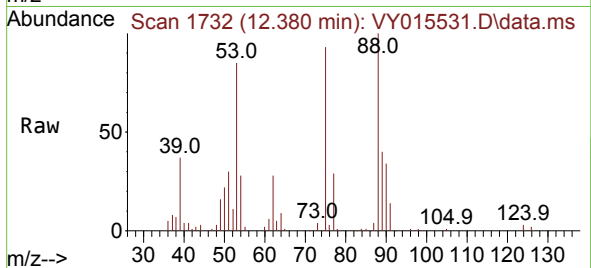




#81
trans-1,4-Dichloro-2-butene
Concen: 24.573 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

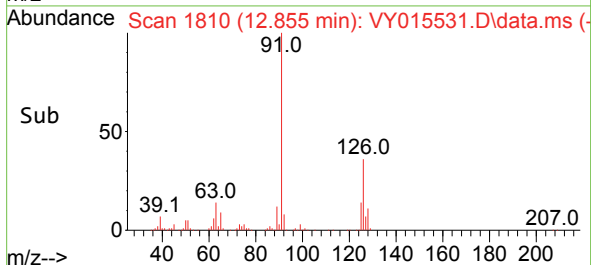
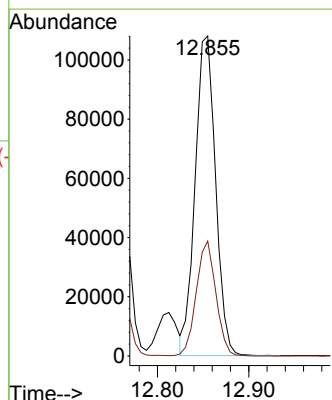
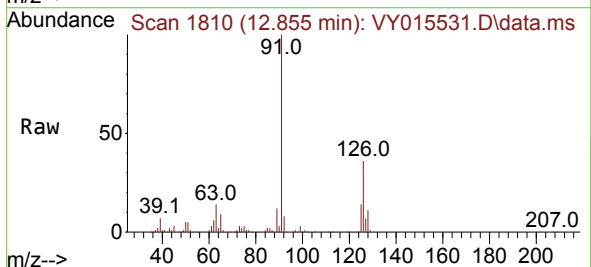
Instrument :
MSVOA_Y
ClientSampleId :

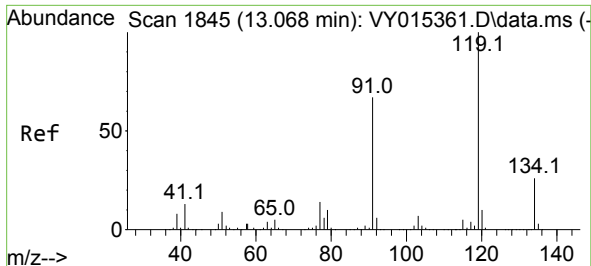
Tgt Ion: 75 Resp: 20936
Ion Ratio Lower Upper
75 100
53 95.8 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.368 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

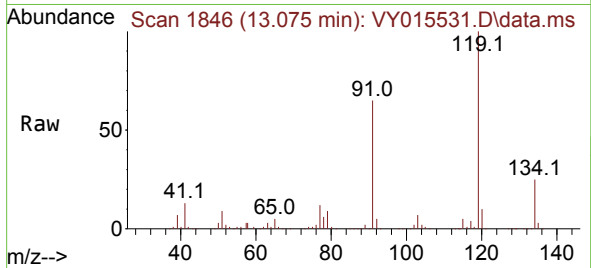
Tgt Ion: 91 Resp: 167956
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6



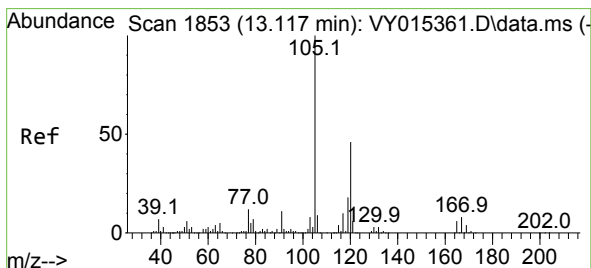
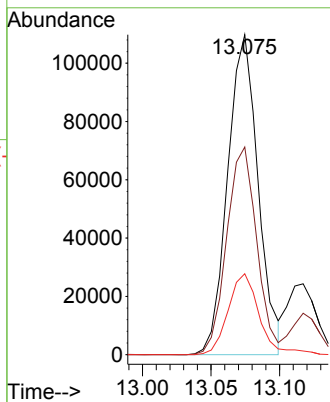
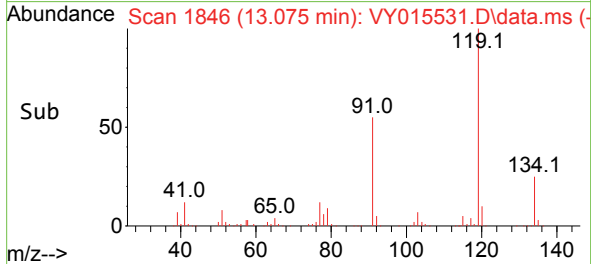


#83
tert-Butylbenzene
Concen: 21.827 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

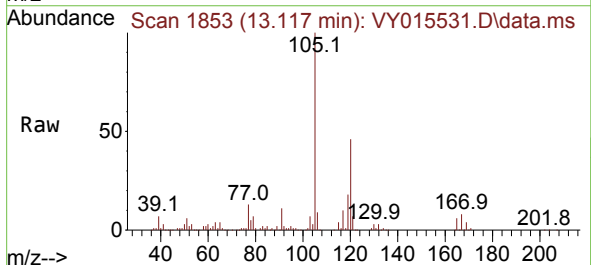
Instrument :
MSVOA_Y
ClientSampleId :



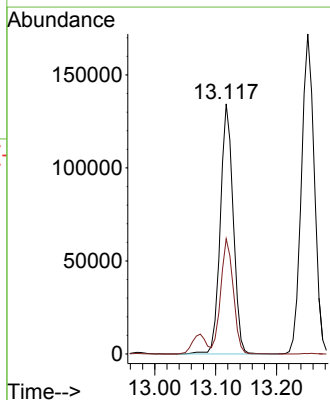
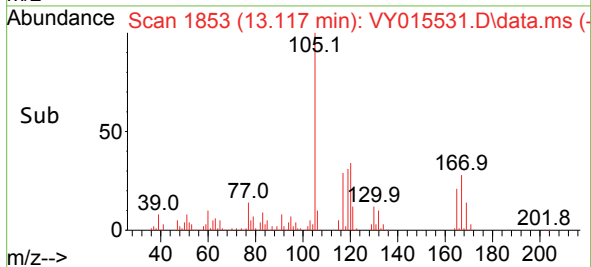
Tgt Ion:119 Resp: 170219
Ion Ratio Lower Upper
119 100
91 64.1 32.9 98.6
134 25.9 13.0 38.9

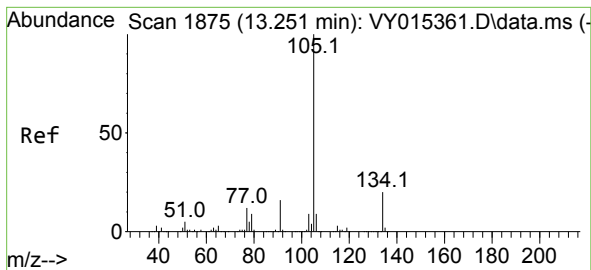


#84
1,2,4-Trimethylbenzene
Concen: 22.345 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47



Tgt Ion:105 Resp: 197547
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.712 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

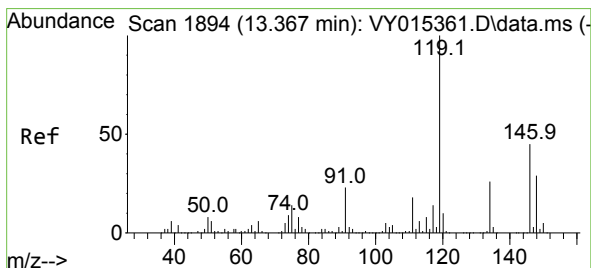
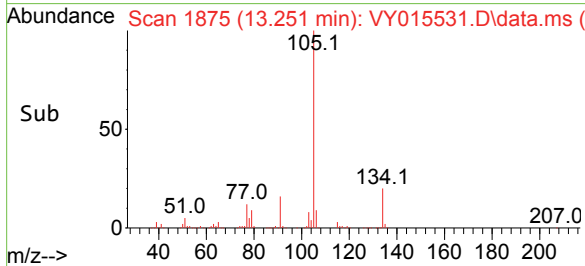
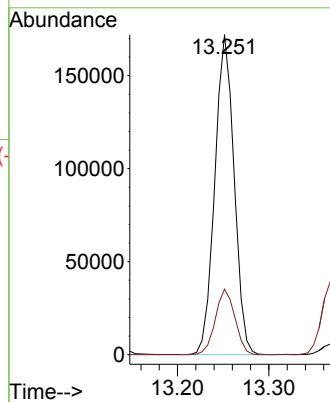
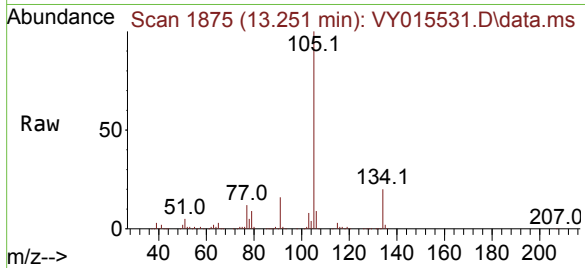
ClientSampleId :

Tgt Ion:105 Resp: 252560

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.686 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

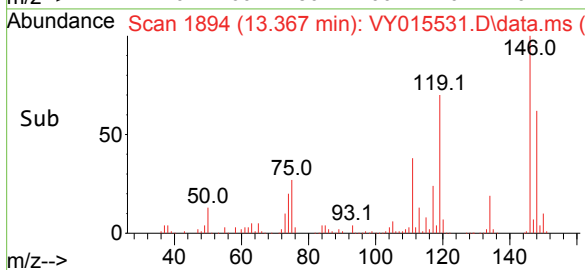
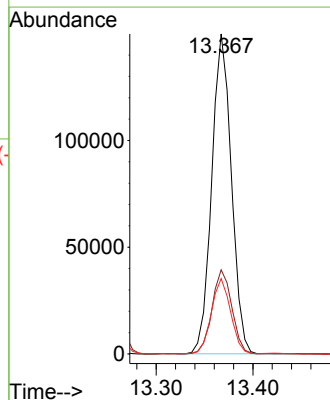
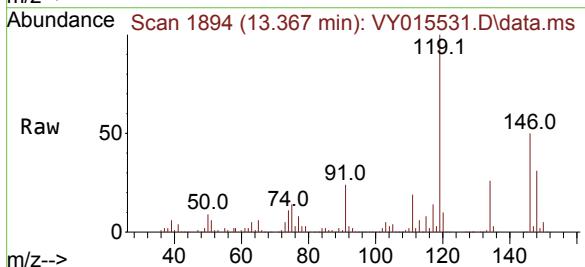
Tgt Ion:119 Resp: 211415

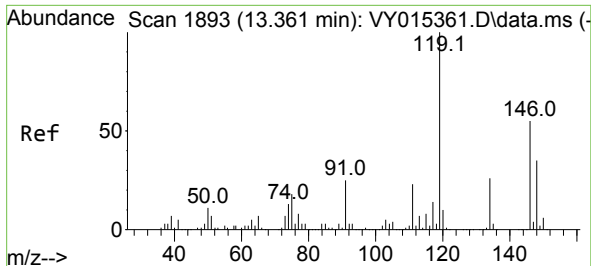
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4

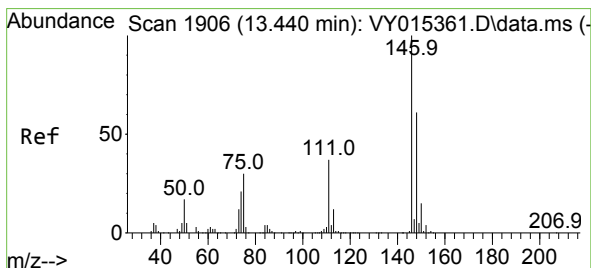
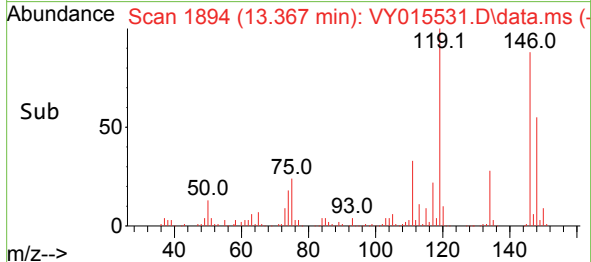
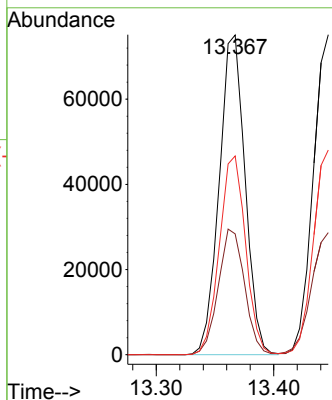
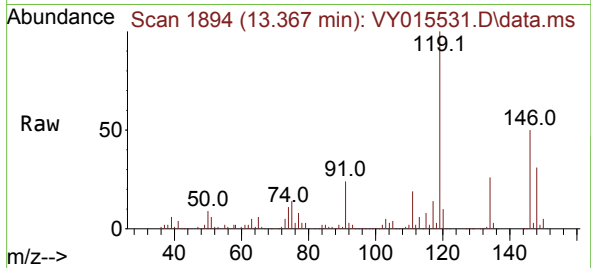




#87
 1,3-Dichlorobenzene
 Concen: 23.124 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

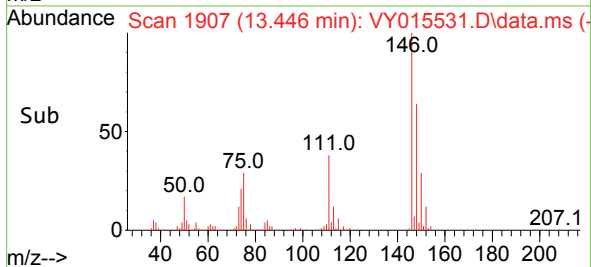
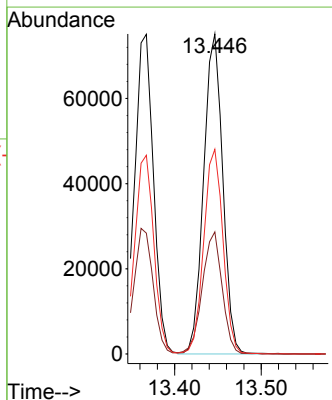
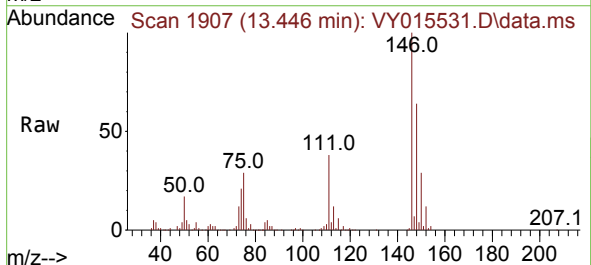
Instrument :
 MSVOA_Y
 ClientSampleId :

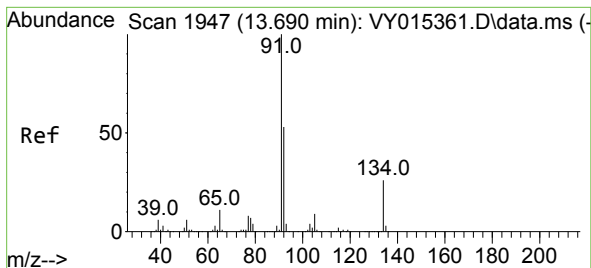
Tgt Ion:146 Resp: 115099
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.2
 148 63.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.870 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015531.D
 Acq: 14 Sep 2023 13:47

Tgt Ion:146 Resp: 115068
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.7
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 21.813 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

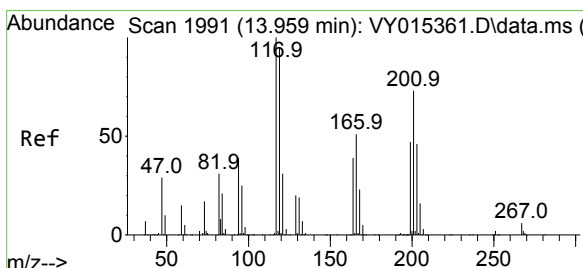
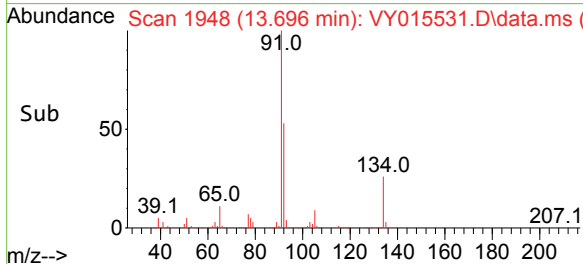
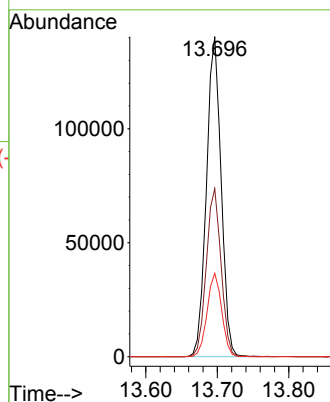
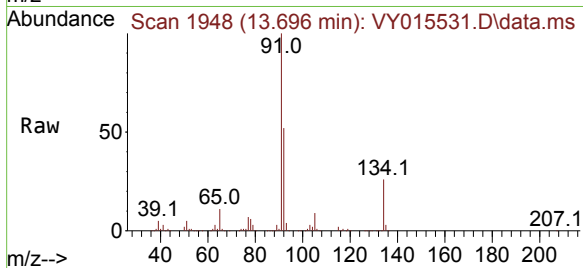
Tgt Ion: 91 Resp: 200151

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 22.838 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015531.D

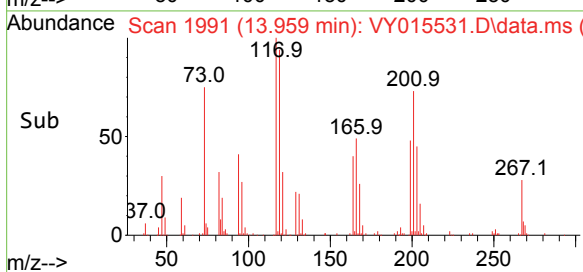
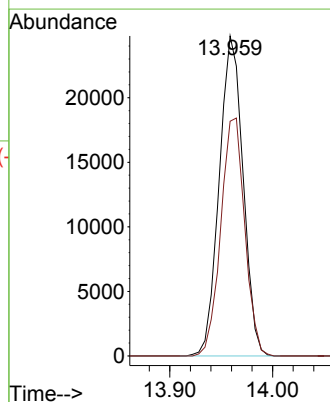
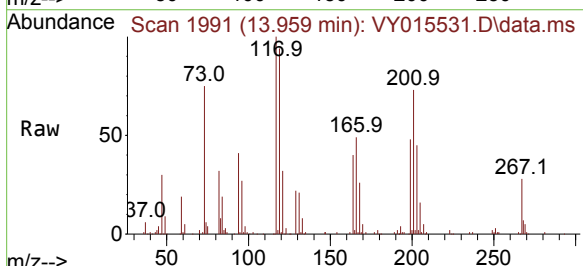
Acq: 14 Sep 2023 13:47

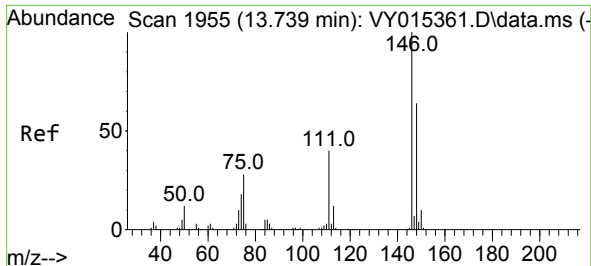
Tgt Ion: 117 Resp: 39820

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8

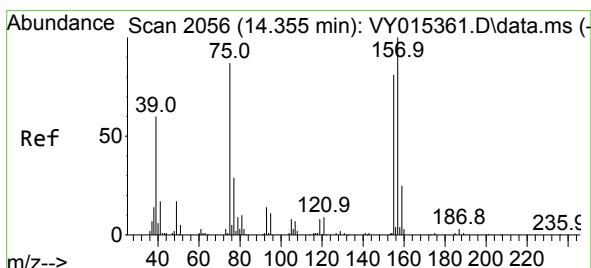
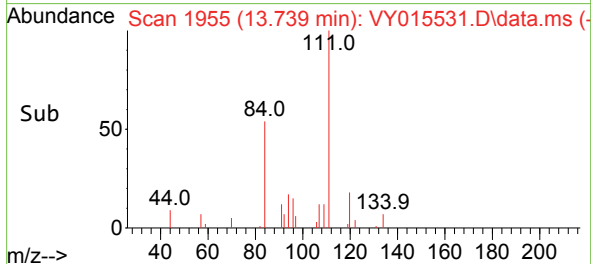
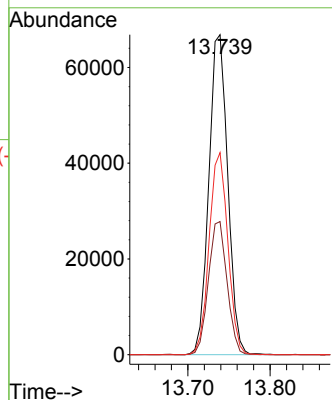
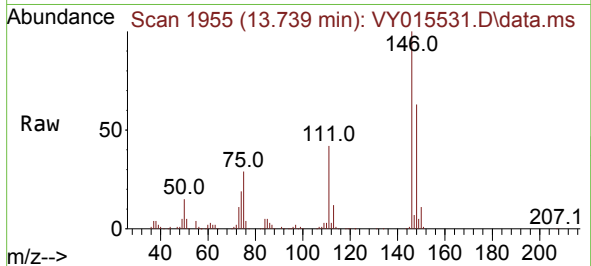




#91
1,2-Dichlorobenzene
Concen: 23.488 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

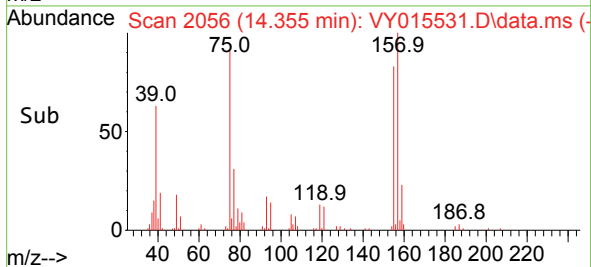
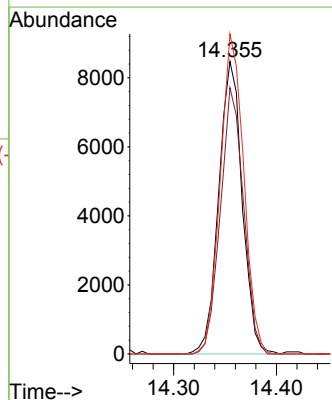
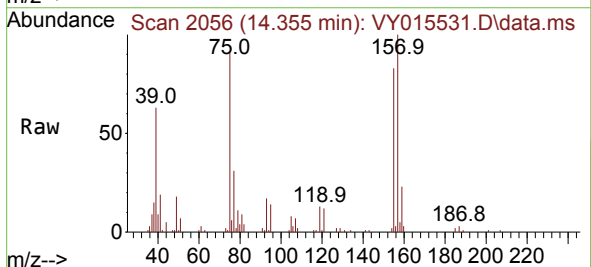
Instrument :
MSVOA_Y
ClientSampleId :

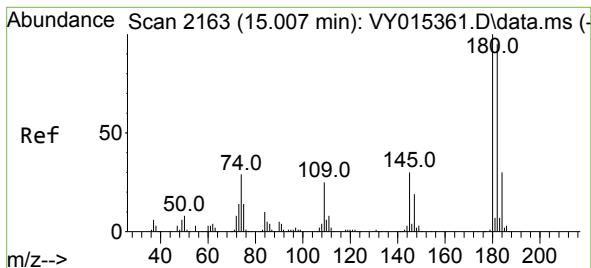
Tgt Ion:146 Resp: 106691
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 62.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 26.742 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015531.D
Acq: 14 Sep 2023 13:47

Tgt Ion: 75 Resp: 13443
Ion Ratio Lower Upper
75 100
155 89.5 41.5 124.6
157 109.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 24.139 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

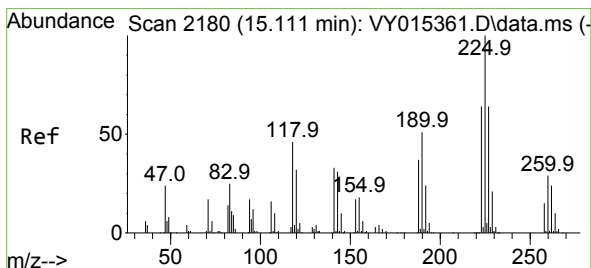
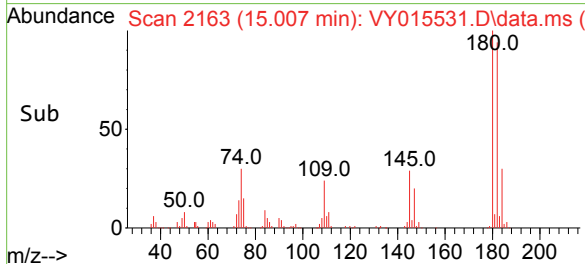
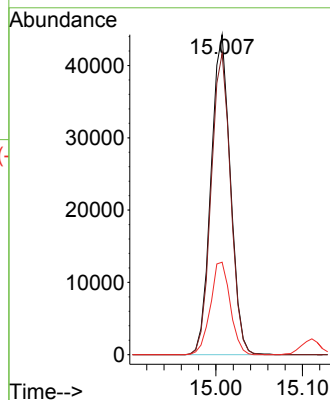
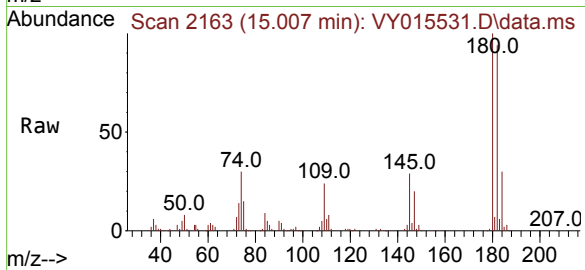
Tgt Ion:180 Resp: 68861

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.248 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

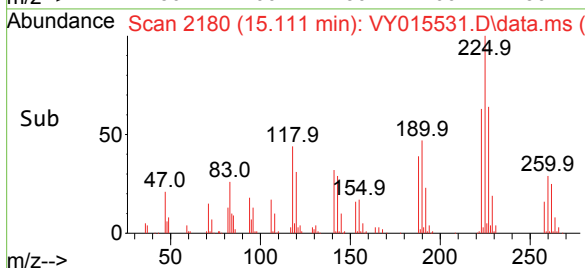
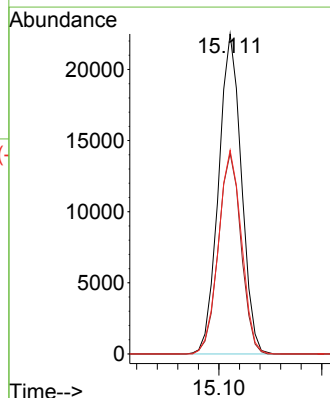
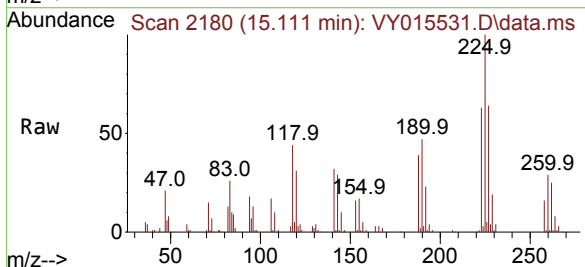
Tgt Ion:225 Resp: 34607

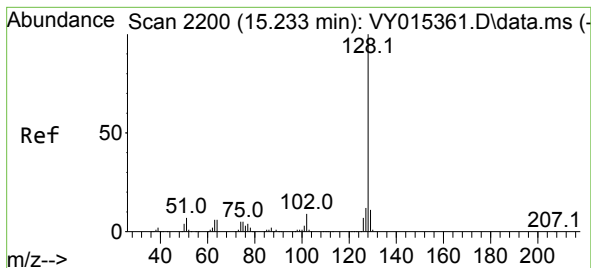
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 25.270 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

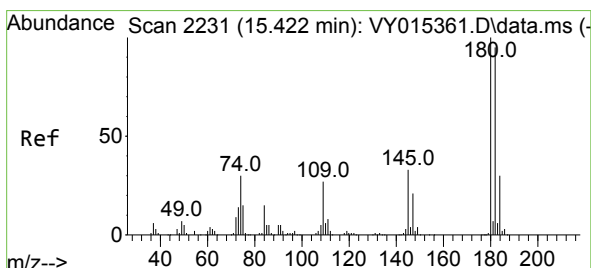
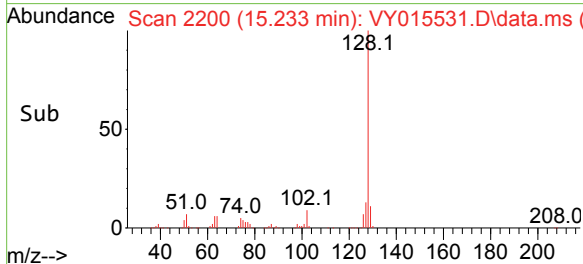
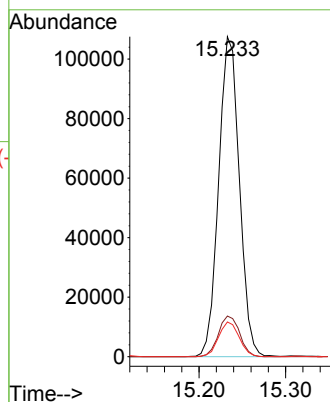
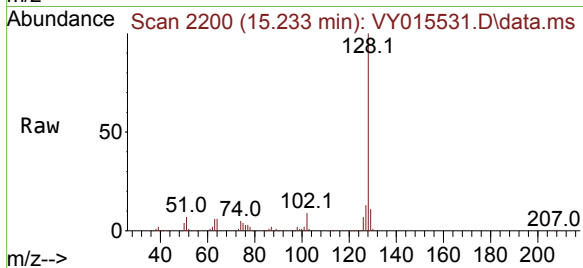
Tgt Ion:128 Resp: 178569

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.282 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015531.D

Acq: 14 Sep 2023 13:47

Tgt Ion:180 Resp: 63182

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 31.8 15.4 46.2

