

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015909.D
 Acq On : 10 Oct 2023 19:59
 Operator : SY/MD
 Sample : 04805-02MS
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	154216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	249579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59544	42.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.820%
35) Dibromofluoromethane	7.728	113	65999	47.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.185	98	203177	44.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.483	95	49523	26.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	39176	63.511	ug/l	99
3) Chloromethane	2.125	50	42994	68.143	ug/l	99
4) Vinyl Chloride	2.260	62	52206	64.877	ug/l	98
5) Bromomethane	2.662	94	39917	60.495	ug/l	95
6) Chloroethane	2.808	64	40807	64.580	ug/l	97
7) Trichlorofluoromethane	3.137	101	107553	62.989	ug/l	100
8) Diethyl Ether	3.546	74	41139	56.950	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.918	101	68451	59.070	ug/l	94
10) Methyl Iodide	4.107	142	46913	40.719	ug/l	96
11) Tert butyl alcohol	4.972	59	35657	107.244	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	53884	60.453	ug/l	91
13) Acrolein	3.753	56	325	3.832	ug/l #	14
14) Allyl chloride	4.497	41	71702	43.630	ug/l	91
15) Acrylonitrile	5.180	53	105089	211.558	ug/l	96
16) Acetone	3.960	43	174907	296.232	ug/l #	87
17) Carbon Disulfide	4.216	76	74098	55.308	ug/l	100
18) Methyl Acetate	4.491	43	159332	84.698	ug/l	94
19) Methyl tert-butyl Ether	5.241	73	221791	54.910	ug/l	99
20) Methylene Chloride	4.741	84	78805	55.728	ug/l	89
21) trans-1,2-Dichloroethene	5.247	96	49326	47.691	ug/l	91
22) Diisopropyl ether	6.137	45	264042	60.069	ug/l #	85
23) Vinyl Acetate	6.137	43	171909	71.122	ug/l #	76
24) 1,1-Dichloroethane	6.039	63	146087	60.333	ug/l	98
25) 2-Butanone	7.003	43	173023	227.302	ug/l	94
26) 2,2-Dichloropropane	6.996	77	121576	53.990	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	74931	49.086	ug/l	95
28) Bromochloromethane	7.344	49	63817	45.730	ug/l	93
29) Tetrahydrofuran	7.362	42	88470	212.455	ug/l	91
30) Chloroform	7.521	83	155822	57.695	ug/l	95
31) Cyclohexane	7.795	56	69766	46.944	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	130400	59.121	ug/l	98
36) 1,1-Dichloropropene	7.929	75	76796	49.810	ug/l	99
37) Ethyl Acetate	7.088	43	44665	33.732	ug/l	96
38) Carbon Tetrachloride	7.911	117	105552	57.006	ug/l	99
39) Methylcyclohexane	9.191	83	61417	39.217	ug/l	95
40) Benzene	8.173	78	308000	63.568	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	82537	100.215	ug/l #	27
42) 1,2-Dichloroethane	8.246	62	83612	50.624	ug/l	94
43) Isopropyl Acetate	8.283	43	90570	36.951	ug/l	92
44) Trichloroethene	8.947	130	63148	45.040	ug/l	99
45) 1,2-Dichloropropane	9.222	63	83666	57.409	ug/l	98
46) Dibromomethane	9.313	93	38098	43.929	ug/l	96
47) Bromodichloromethane	9.502	83	113061	52.417	ug/l	98
48) Methyl methacrylate	9.301	41	53314	49.254	ug/l	88
49) 1,4-Dioxane	9.301	88	12716	843.455	ug/l #	46
51) 4-Methyl-2-Pentanone	10.075	43	324976	221.610	ug/l	91
52) Toluene	10.252	92	167737	52.154	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	75313	34.538	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	97538	41.179	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	67685	49.013	ug/l	97
56) Ethyl methacrylate	10.514	69	82346	43.923	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	105306	47.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	231385	202.488	ug/l	94
59) 2-Hexanone	10.837	43	214233	193.102	ug/l	88
60) Dibromochloromethane	10.990	129	74543	45.027	ug/l	99
61) 1,2-Dibromoethane	11.093	107	50291	39.874	ug/l	99
64) Tetrachloroethene	10.728	164	52310	49.049	ug/l	96
65) Chlorobenzene	11.520	112	151783	53.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	75275	64.610	ug/l	99
67) Ethyl Benzene	11.599	91	283248	57.921	ug/l	99
68) m/p-Xylenes	11.709	106	215176	116.772	ug/l	95
69) o-Xylene	12.032	106	109868	59.591	ug/l	98
70) Styrene	12.050	104	153535	47.730	ug/l	99
71) Bromoform	12.215	173	40509	49.930	ug/l #	100
73) Isopropylbenzene	12.337	105	246250	85.325	ug/l	99
74) N-amyl acetate	12.148	43	9510	10.456	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	66699	89.129	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	75977	142.256	ug/l #	100
77) Bromobenzene	12.611	156	51730	73.100	ug/l	96
78) n-propylbenzene	12.672	91	241858	69.686	ug/l	100
79) 2-Chlorotoluene	12.764	91	149852	75.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	190260	79.987	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	14451	60.000	ug/l	95
82) 4-Chlorotoluene	12.861	91	133000	64.557	ug/l	98
83) tert-Butylbenzene	13.081	119	144298	65.002	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	203968	85.152	ug/l	100
85) sec-Butylbenzene	13.258	105	171356	52.635	ug/l	99
86) p-Isopropyltoluene	13.373	119	138487	51.422	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	72563	50.931	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	69760	48.622	ug/l	98
89) n-Butylbenzene	13.703	91	103160	40.478	ug/l	94
90) Hexachloroethane	13.965	117	24795	45.876	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	69075	52.159	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8796	66.930	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	18377	21.652	ug/l	90
94) Hexachlorobutadiene	15.117	225	7123	15.672	ug/l	97
95) Naphthalene	15.239	128	705239	359.178	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	14279	18.913	ug/l #	88

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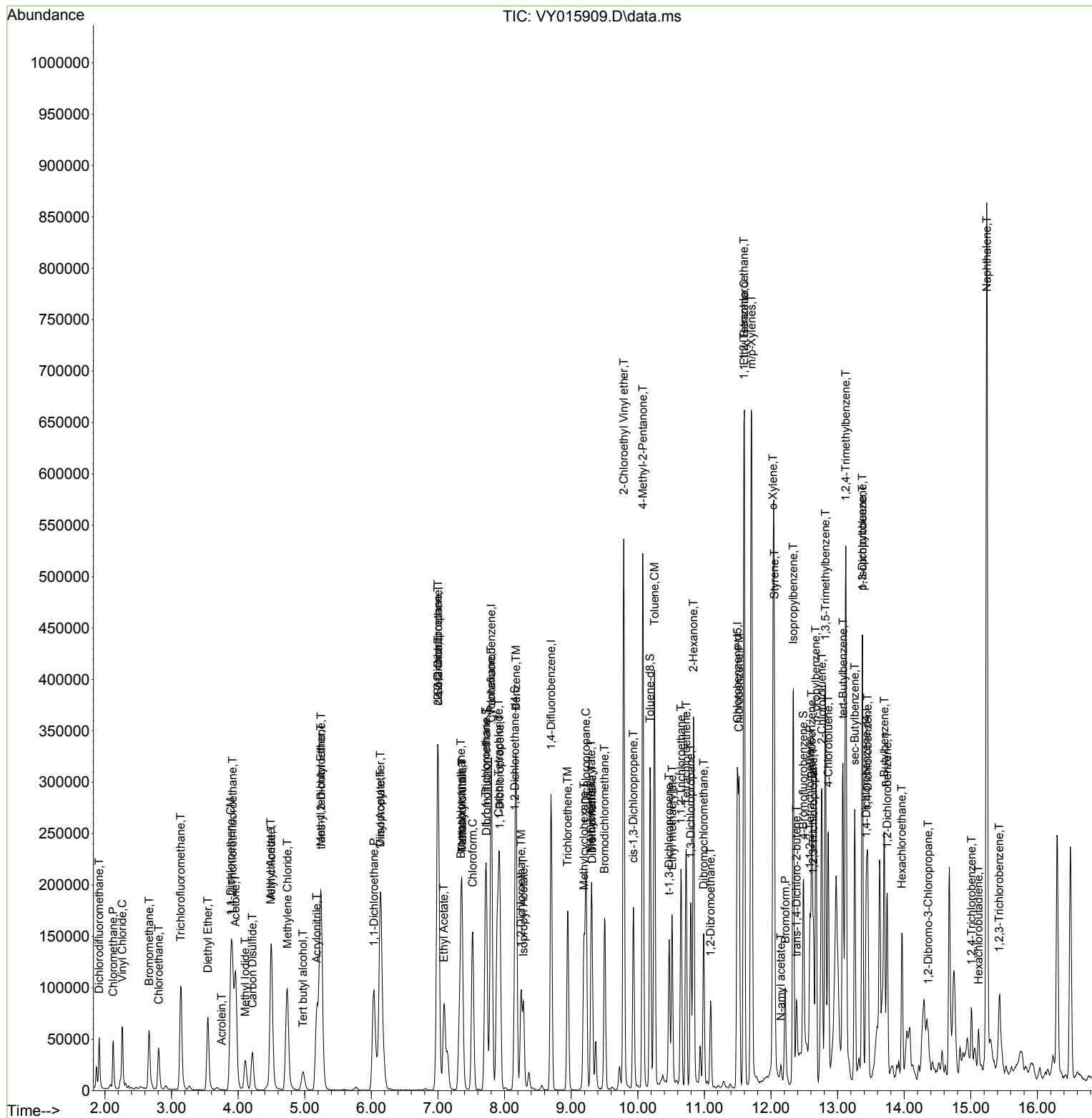
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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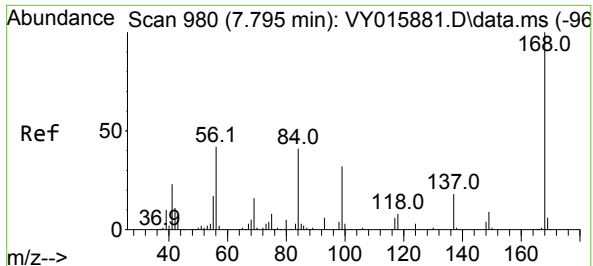
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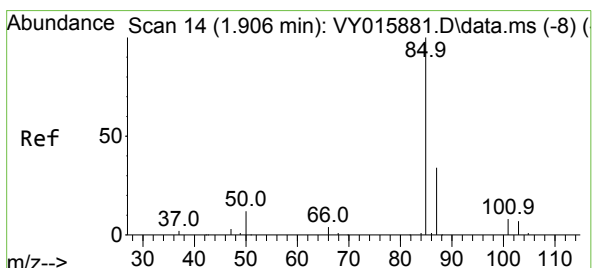
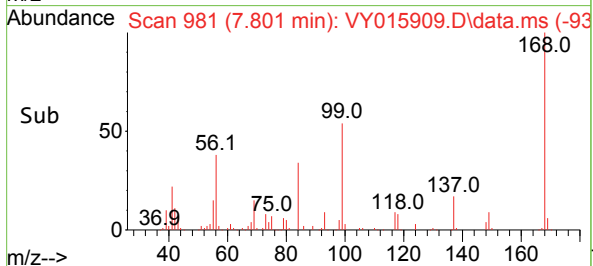
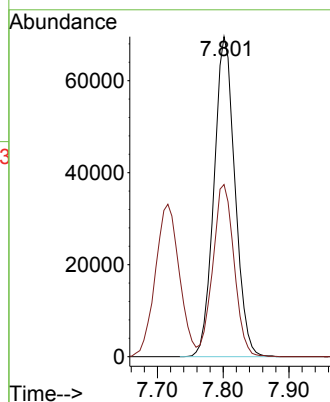
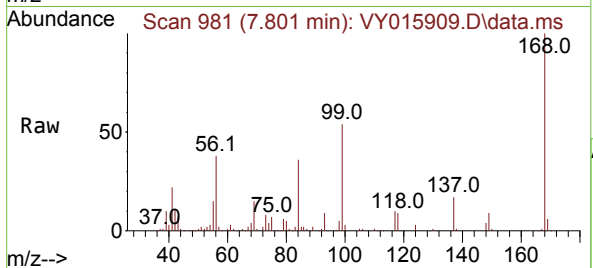




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015909.D
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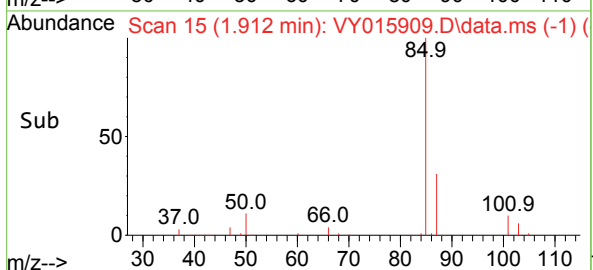
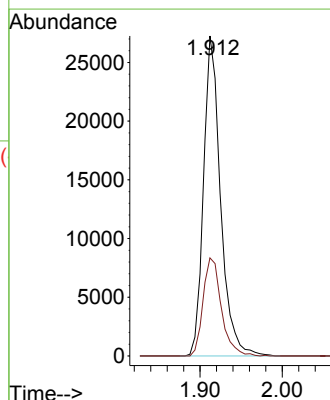
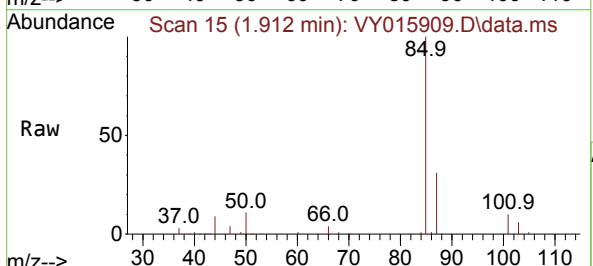
Instrument :
MSVOA_Y
ClientSampleId :

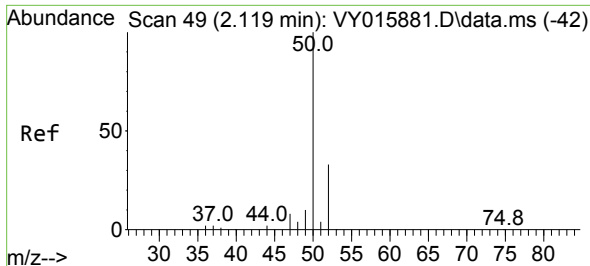
Tgt Ion:168 Resp: 154216
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 63.511 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 85 Resp: 39176
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8

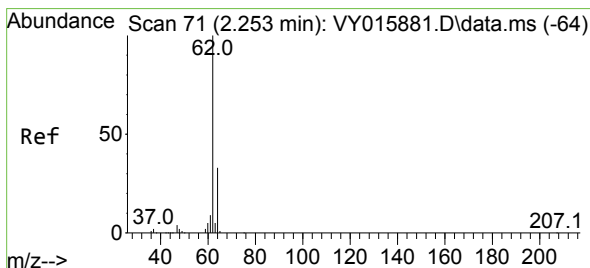
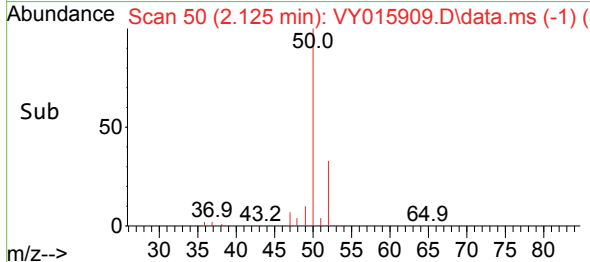
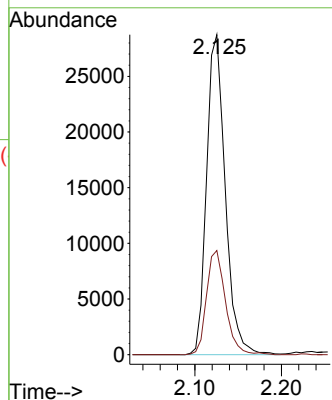
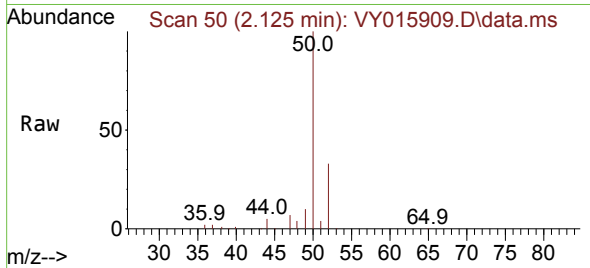




#3
Chloromethane
Concen: 68.143 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY015909.D
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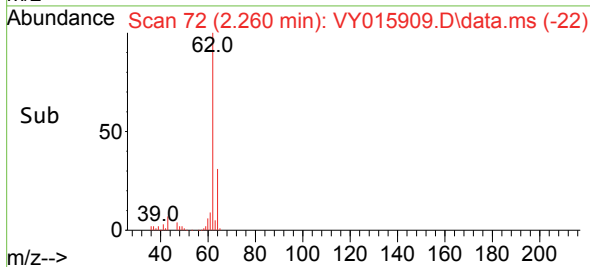
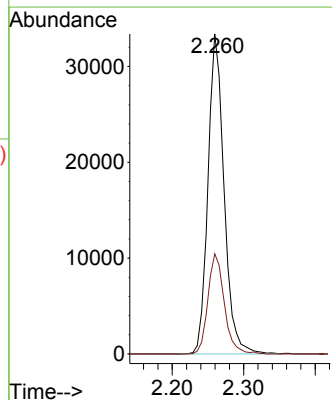
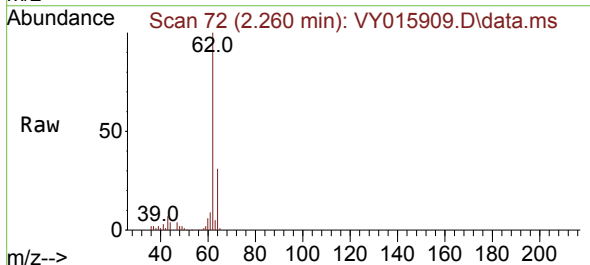
Instrument :
MSVOA_Y
ClientSampleId :

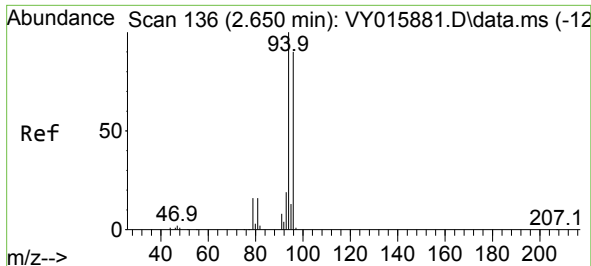
Tgt Ion: 50 Resp: 42994
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 64.877 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

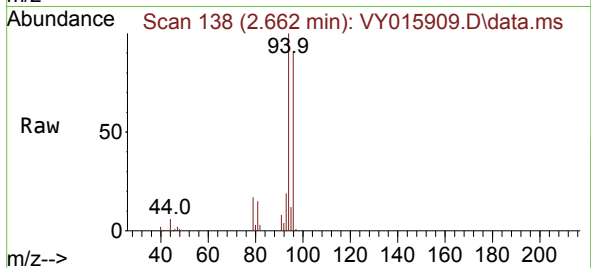
Tgt Ion: 62 Resp: 52206
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5



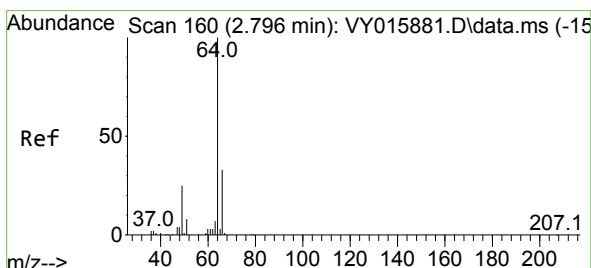
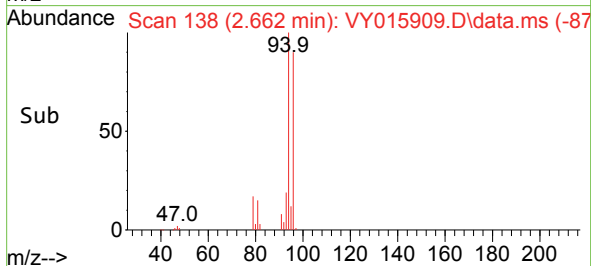
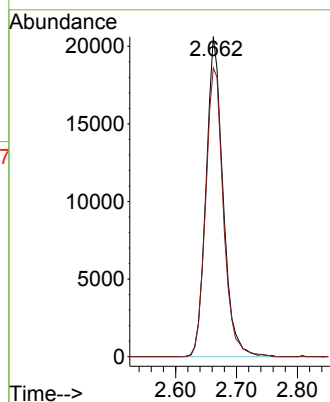


#5
Bromomethane
Concen: 60.495 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015909.D
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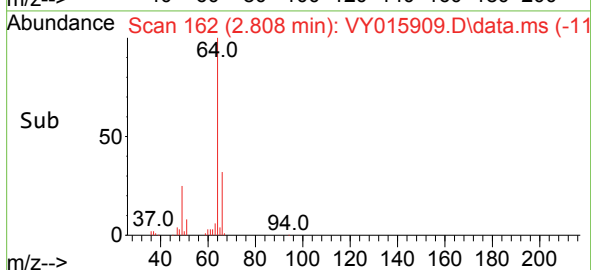
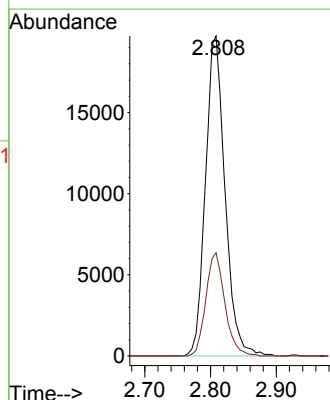
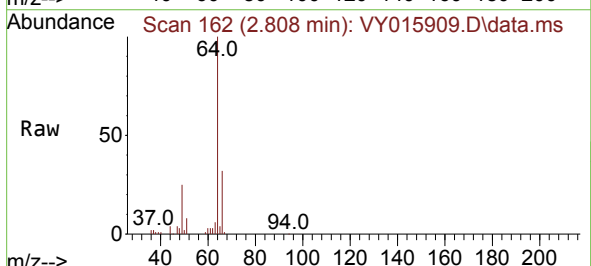


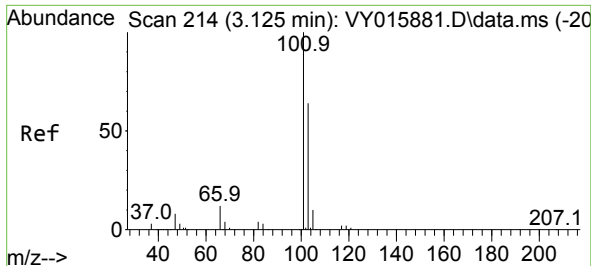
Tgt Ion: 94 Resp: 39917
Ion Ratio Lower Upper
94 100
96 90.3 75.8 113.6



#6
Chloroethane
Concen: 64.580 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 64 Resp: 40807
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

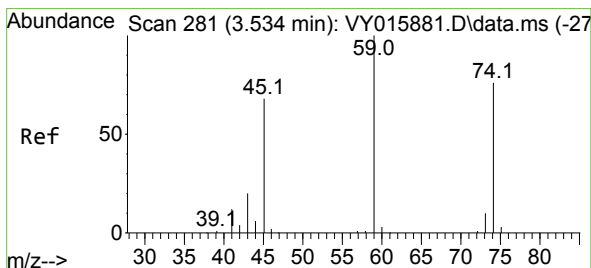
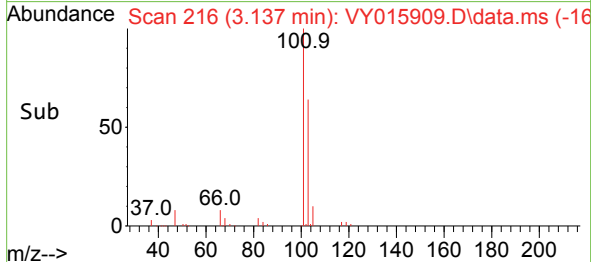
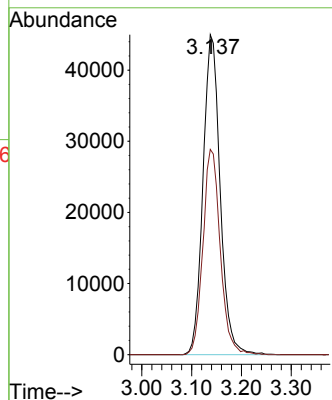
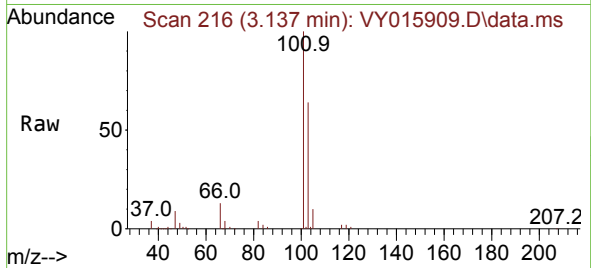




#7
 Trichlorofluoromethane
 Concen: 62.989 ug/l
 RT: 3.137 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VY015909.D
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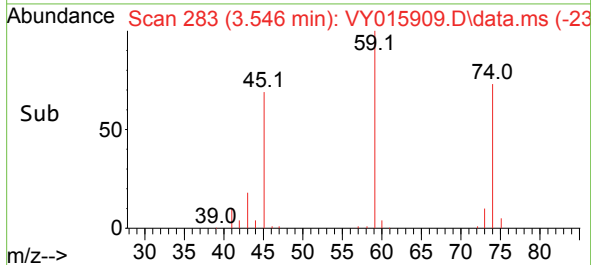
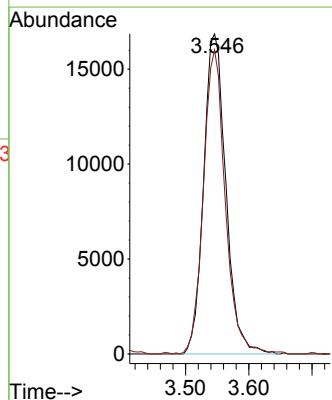
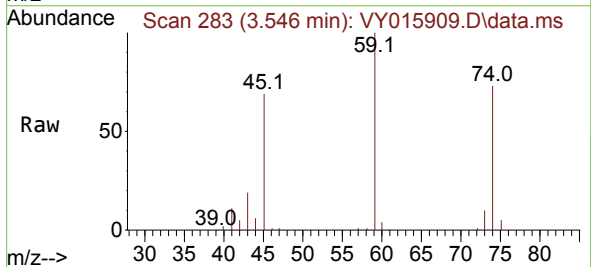
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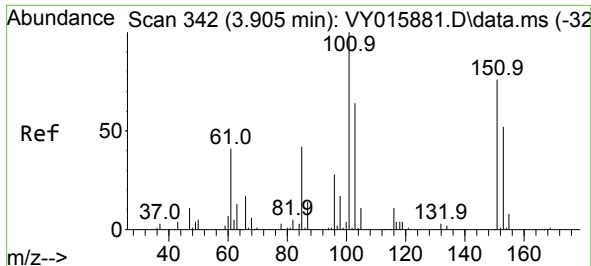
Tgt Ion:101 Resp: 107553
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 56.950 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 41139
 Ion Ratio Lower Upper
 74 100
 45 93.7 51.5 154.5

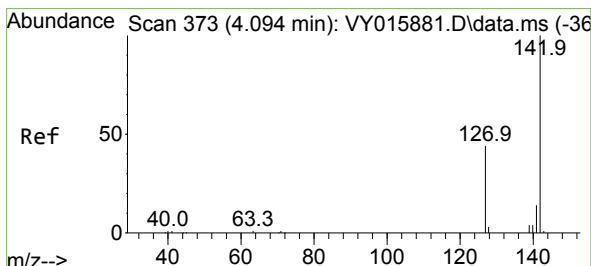
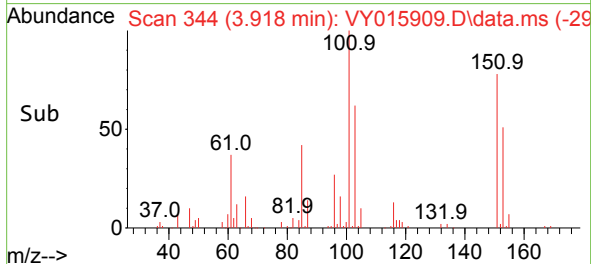
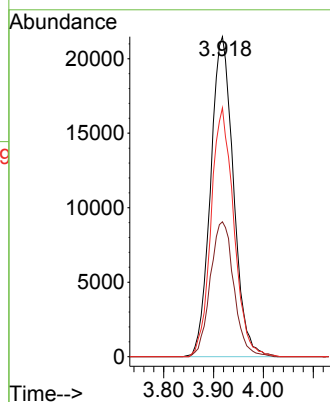
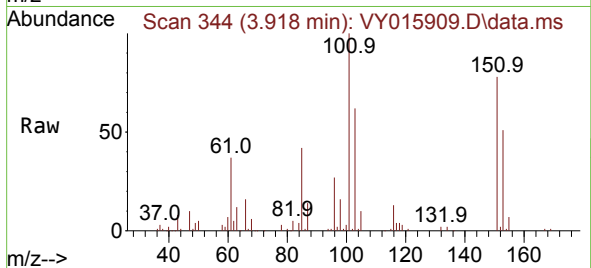




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 59.070 ug/l
 RT: 3.918 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VY015909.D
 Acq: 10 Oct 2023 19:59

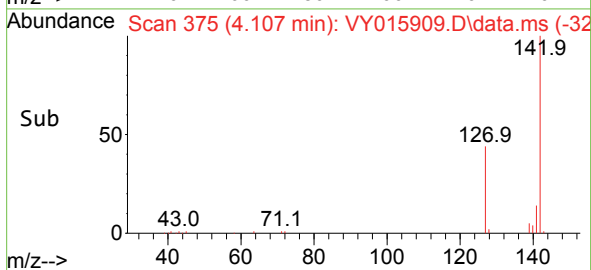
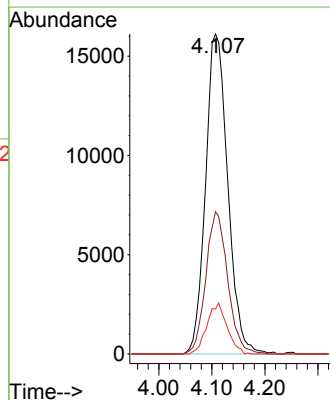
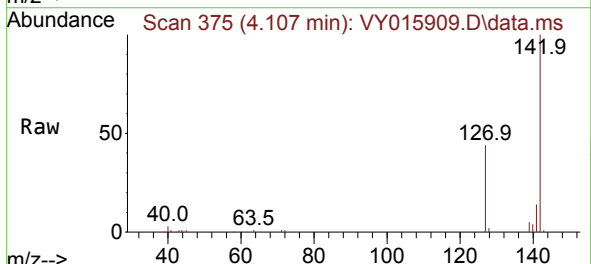
Instrument :
 MSVOA_Y
 ClientSampleId :

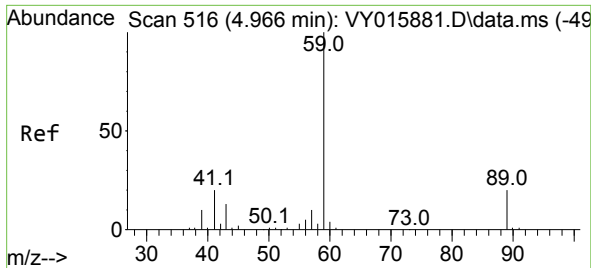
Tgt Ion:101 Resp: 68451
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.6 55.0
 151 77.5 67.0 100.6



#10
 Methyl Iodide
 Concen: 40.719 ug/l
 RT: 4.107 min Scan# 375
 Delta R.T. 0.013 min
 Lab File: VY015909.D
 Acq: 10 Oct 2023 19:59

Tgt Ion:142 Resp: 46913
 Ion Ratio Lower Upper
 142 100
 127 43.7 37.6 56.4
 141 14.5 11.8 17.8

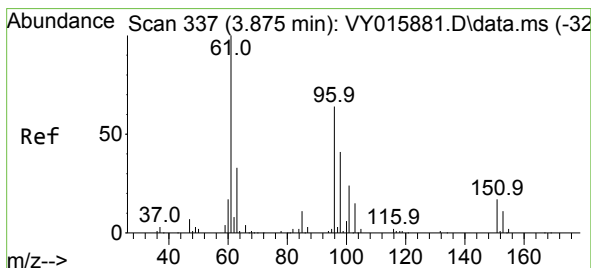
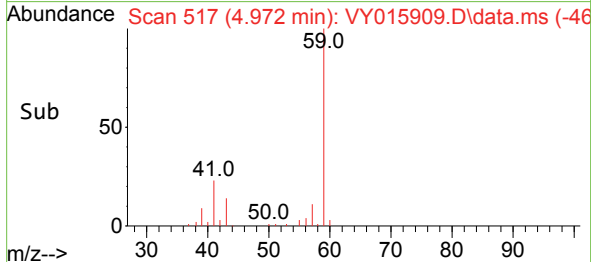
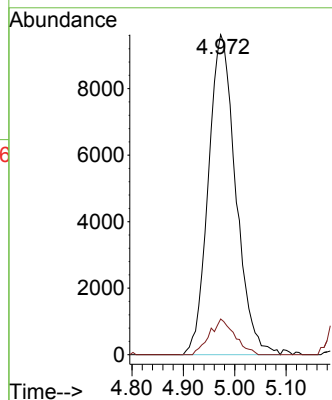
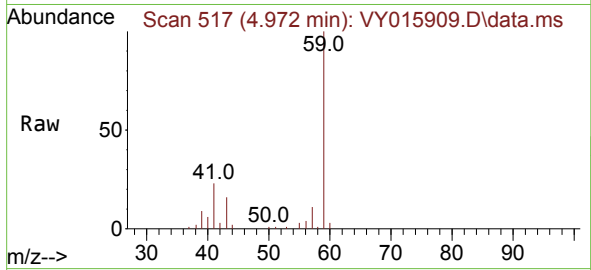




#11
Tert butyl alcohol
Concen: 107.244 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

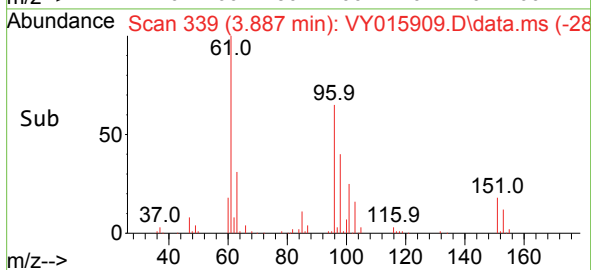
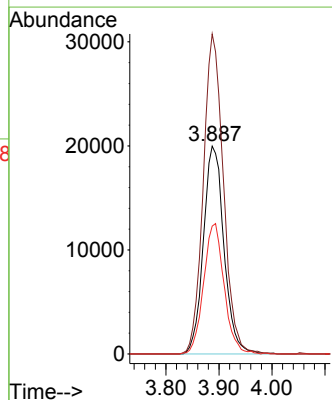
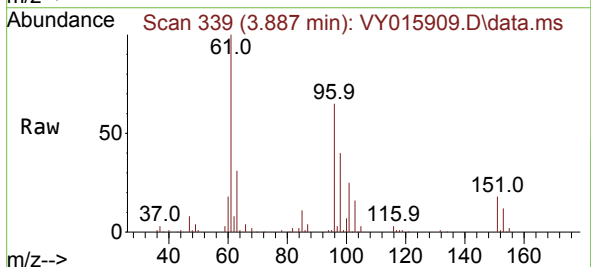
Instrument :
MSVOA_Y
ClientSampleId :

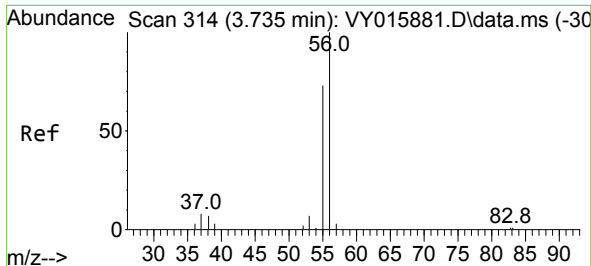
Tgt Ion: 59 Resp: 35657
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 60.453 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 96 Resp: 53884
Ion Ratio Lower Upper
96 100
61 154.0 136.4 204.6
98 61.5 49.4 74.2





#13

Acrolein

Concen: 3.832 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

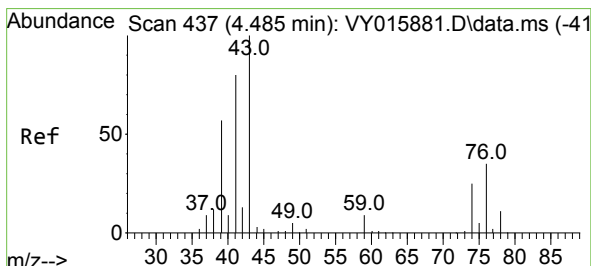
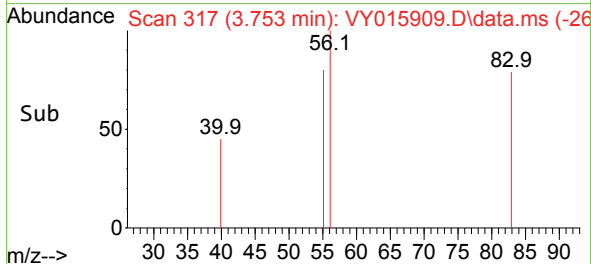
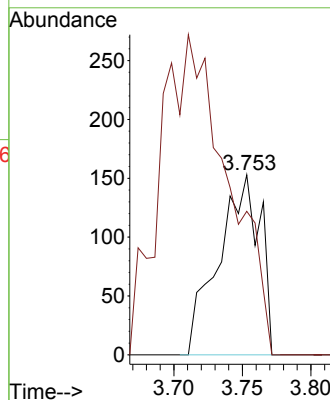
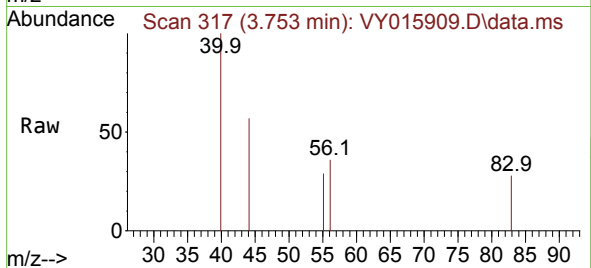
ClientSampleId :

Tgt Ion: 56 Resp: 325

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#14

Allyl chloride

Concen: 43.630 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

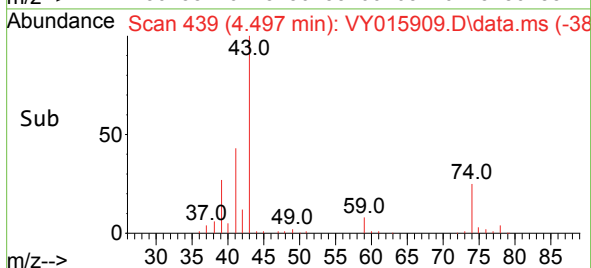
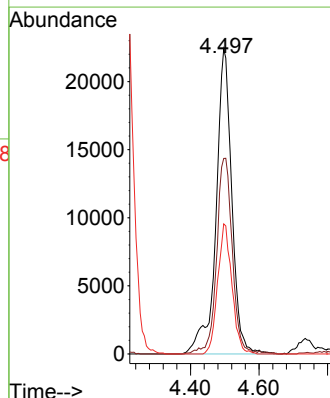
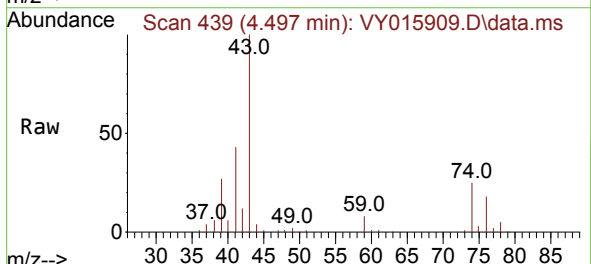
Tgt Ion: 41 Resp: 71702

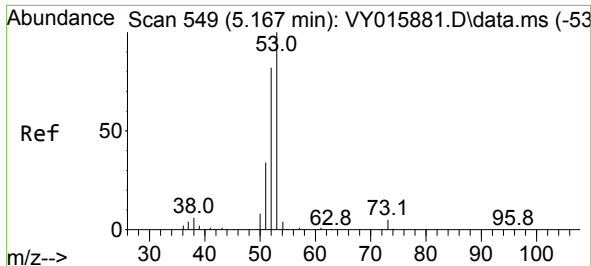
Ion Ratio Lower Upper

41 100

39 63.9 58.0 87.0

76 38.3 27.4 41.2

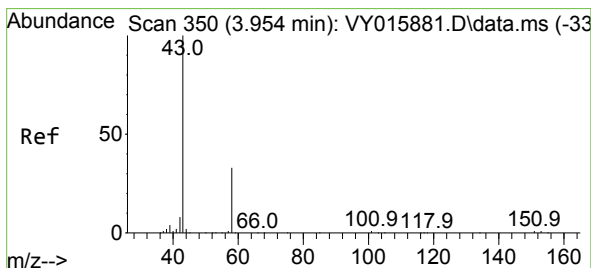
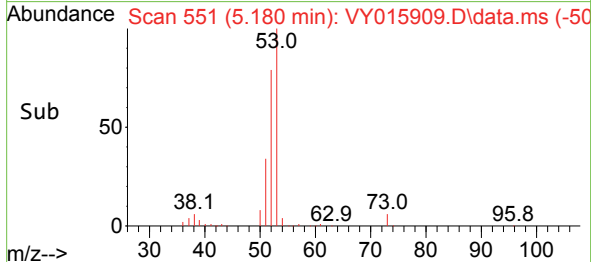
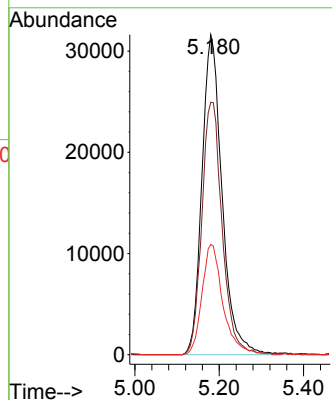
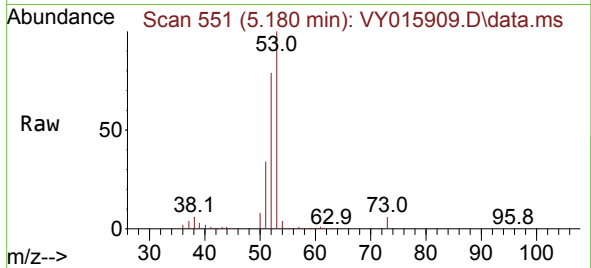




#15
Acrylonitrile
Concen: 211.558 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

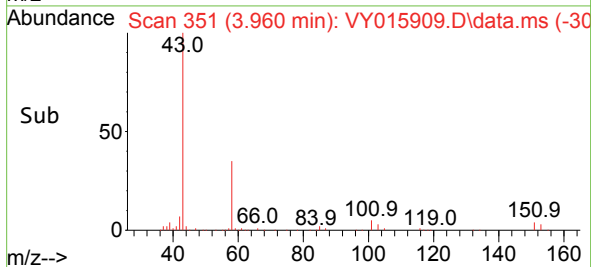
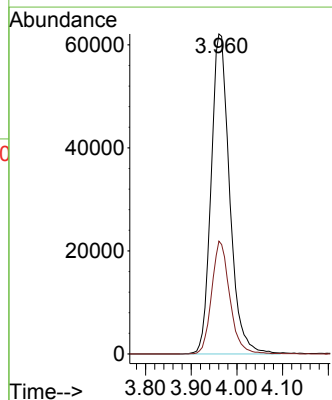
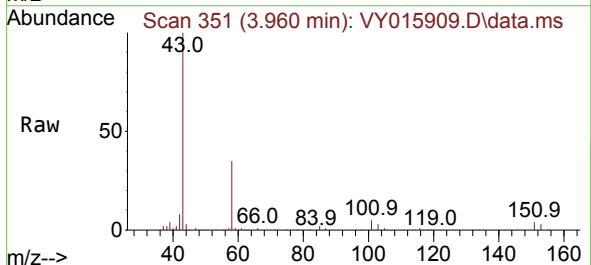
Instrument :
MSVOA_Y
ClientSampleId :

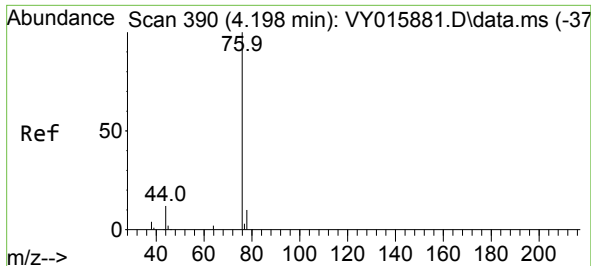
Tgt Ion: 53 Resp: 105089
Ion Ratio Lower Upper
53 100
52 79.5 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 296.232 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 43 Resp: 174907
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#

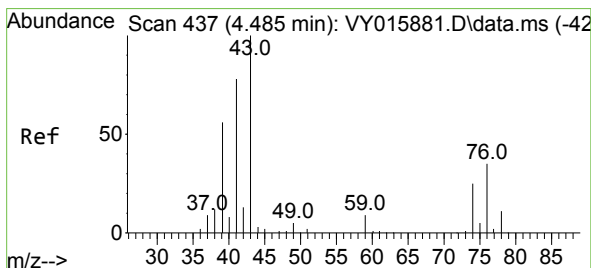
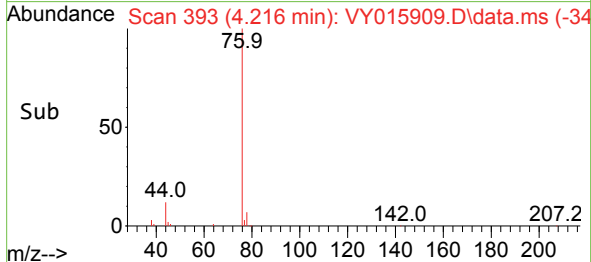
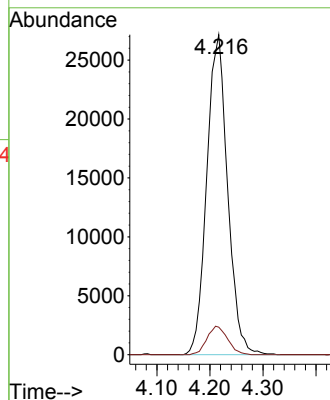
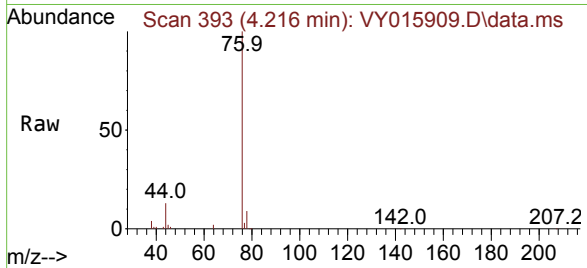




#17
Carbon Disulfide
Concen: 55.308 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

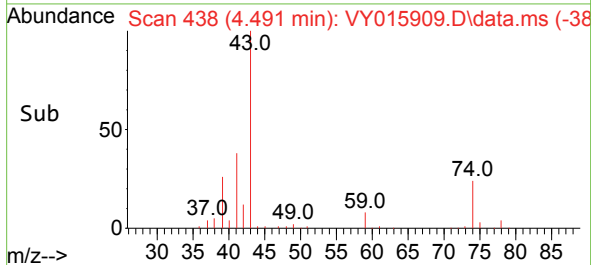
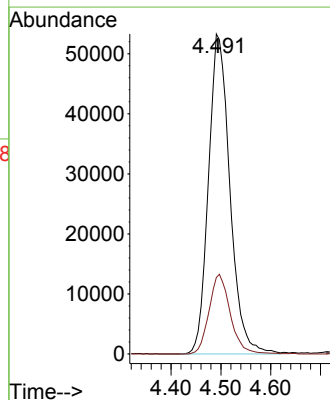
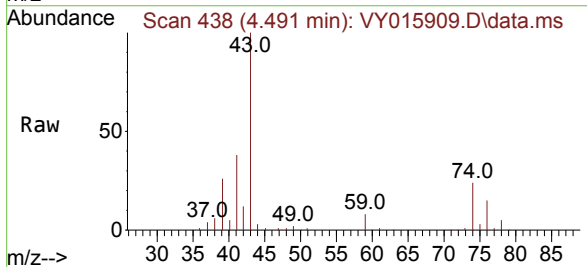
Instrument :
MSVOA_Y
ClientSampleId :

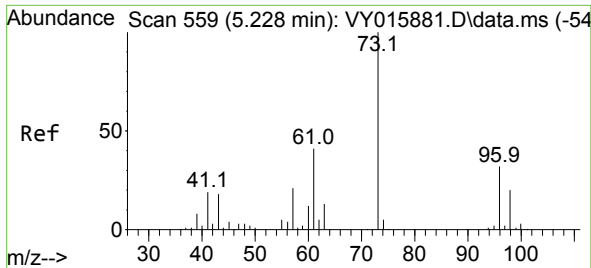
Tgt Ion: 76 Resp: 74098
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 84.698 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 43 Resp: 159332
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

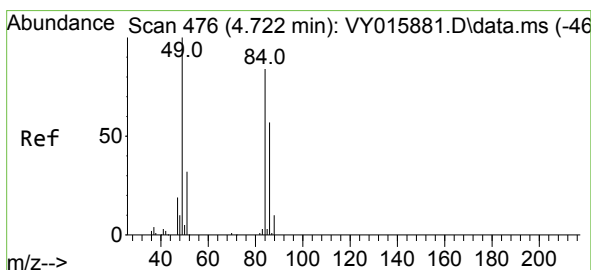
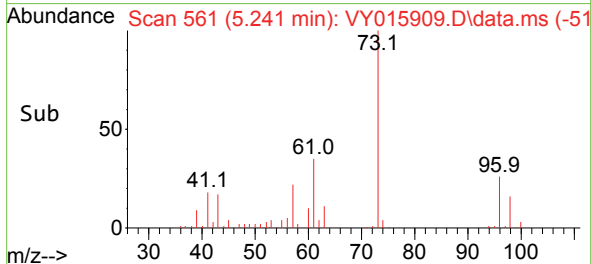
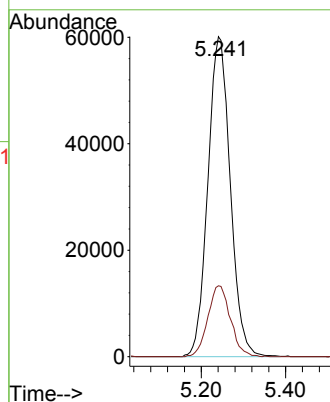
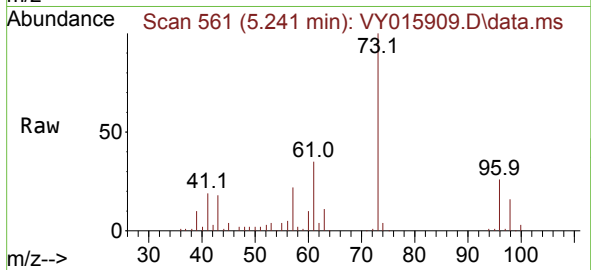




#19
Methyl tert-butyl Ether
Concen: 54.910 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

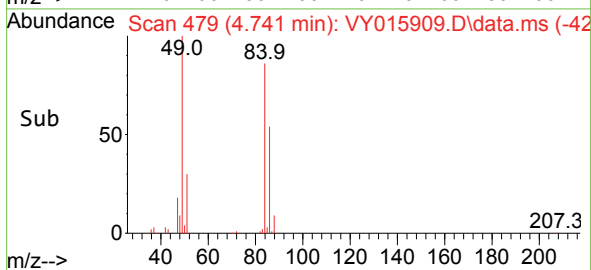
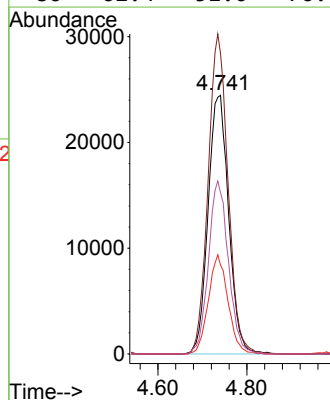
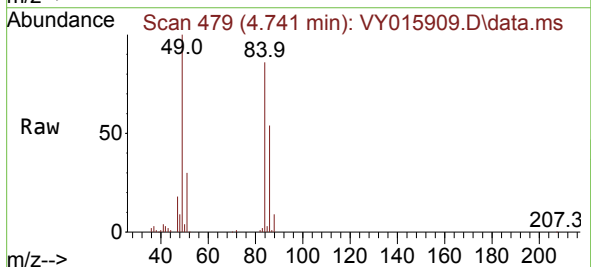
Instrument :
MSVOA_Y
ClientSampleId :

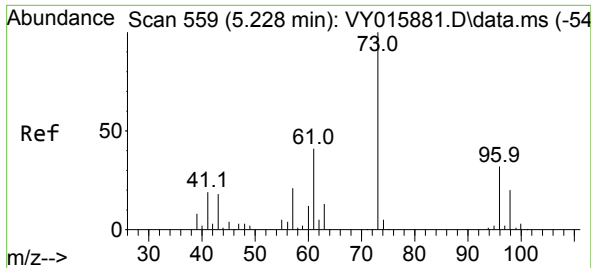
Tgt Ion: 73 Resp: 221791
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 55.728 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 84 Resp: 78805
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 34.4 33.2 49.8
86 62.4 51.0 76.6

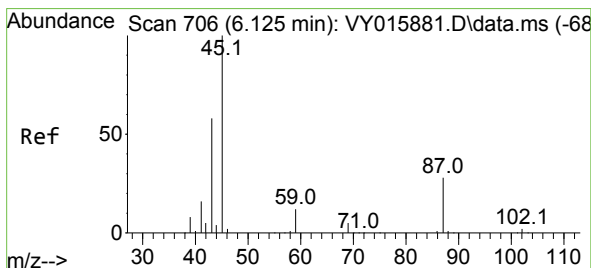
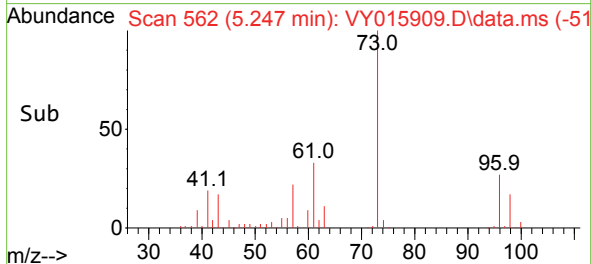
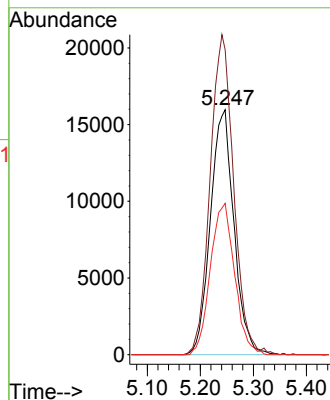
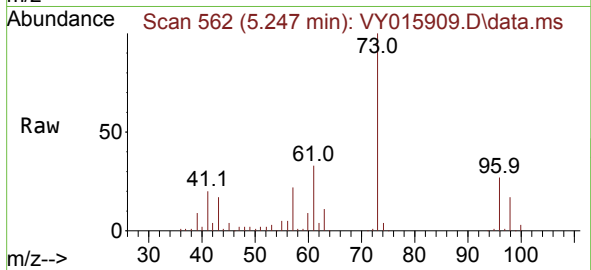




#21
trans-1,2-Dichloroethene
Concen: 47.691 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

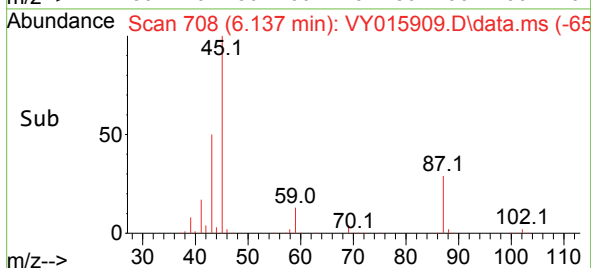
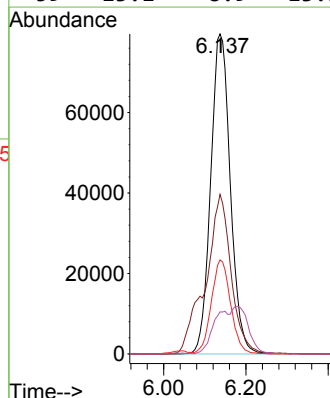
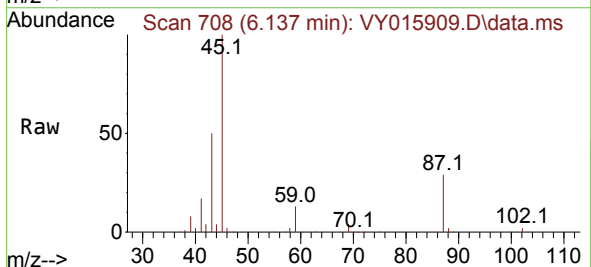
Instrument :
MSVOA_Y
ClientSampleId :

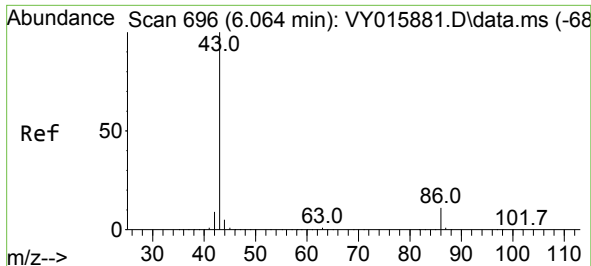
Tgt Ion: 96 Resp: 49326
Ion Ratio Lower Upper
96 100
61 124.5 110.2 165.4
98 61.8 51.8 77.6



#22
Diisopropyl ether
Concen: 60.069 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 45 Resp: 264042
Ion Ratio Lower Upper
45 100
43 49.5 52.2 78.4#
87 29.4 21.0 31.6
59 13.1 8.9 13.3

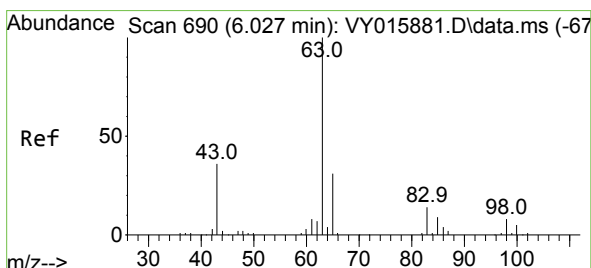
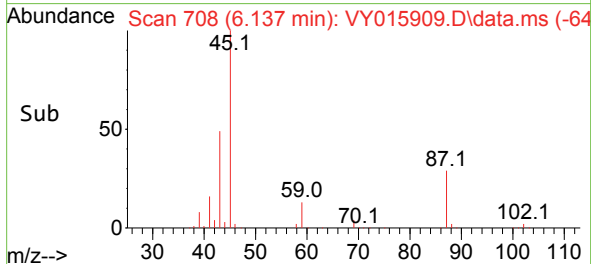
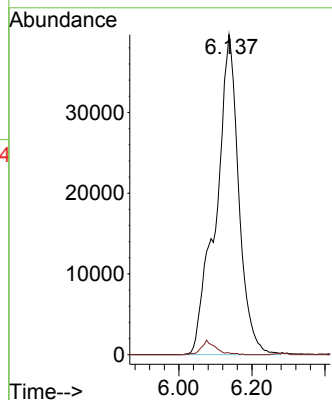
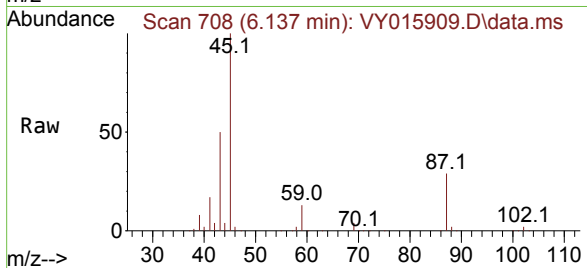




#23
 Vinyl Acetate
 Concen: 71.122 ug/l
 RT: 6.137 min Scan# 70
 Delta R.T. 0.073 min
 Lab File: VY015909.D
 Acq: 10 Oct 2023 19:59

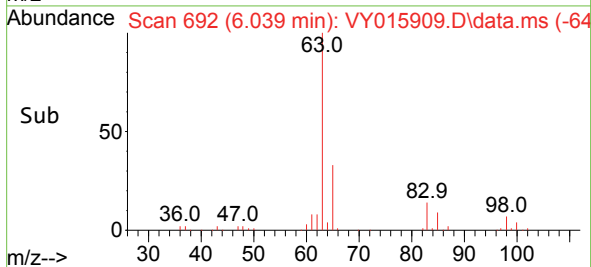
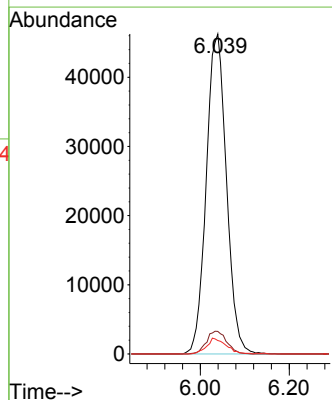
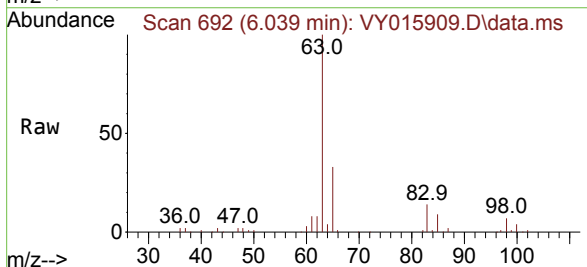
Instrument :
 MSVOA_Y
 ClientSampleId :

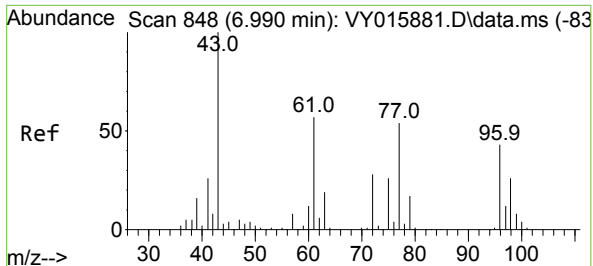
Tgt Ion: 43 Resp: 171909
 Ion Ratio Lower Upper
 43 100
 86 0.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 60.333 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY015909.D
 Acq: 10 Oct 2023 19:59

Tgt Ion: 63 Resp: 146087
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.2 1.8 5.5

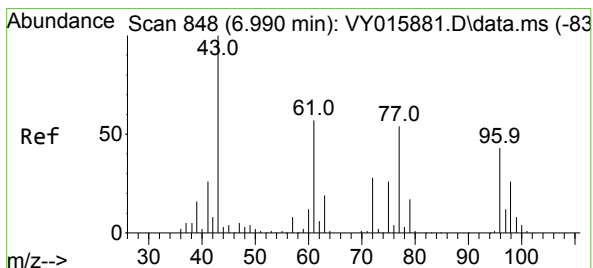
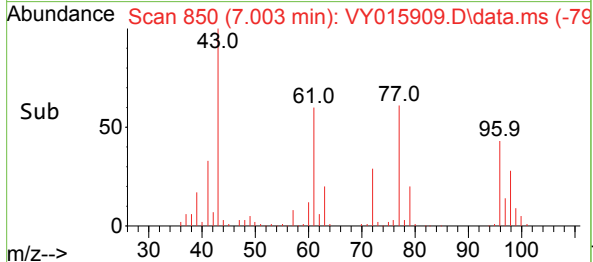
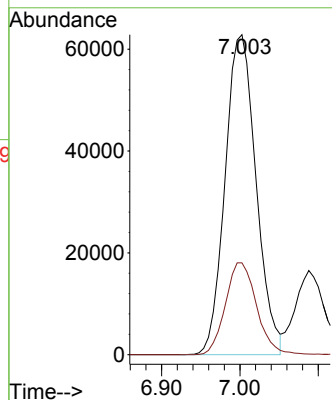
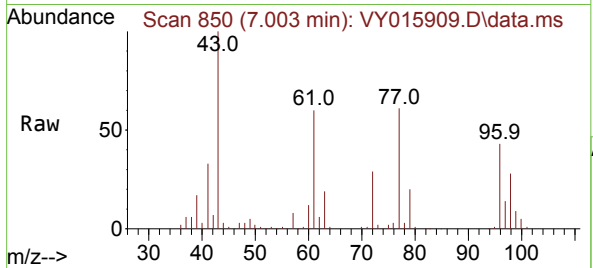




#25
2-Butanone
Concen: 227.302 ug/l
RT: 7.003 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

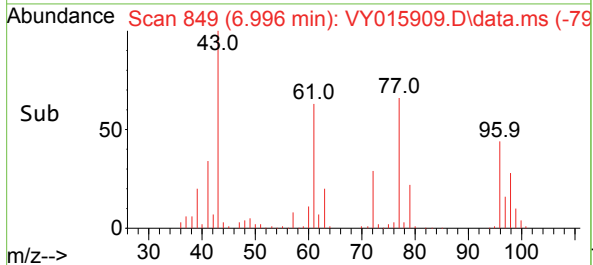
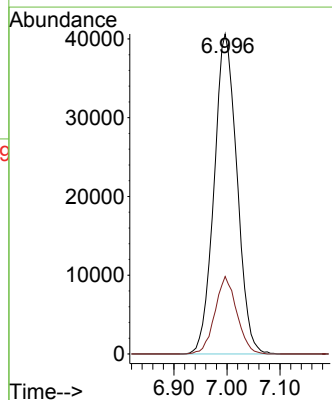
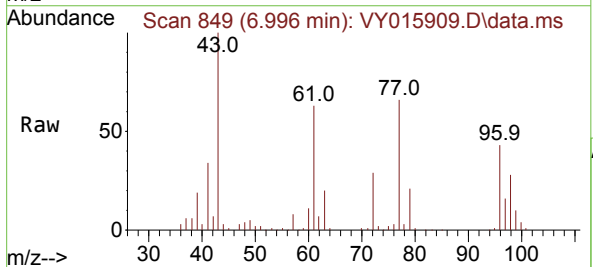
Instrument :
MSVOA_Y
ClientSampleId :

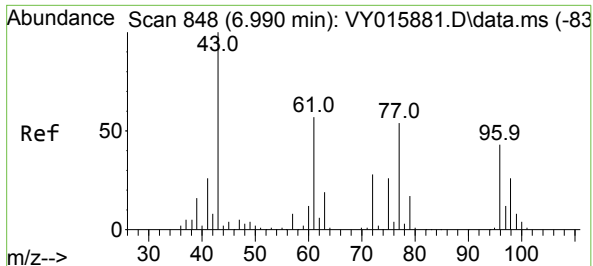
Tgt Ion: 43 Resp: 173023
Ion Ratio Lower Upper
43 100
72 28.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.990 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 77 Resp: 121576
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.086 ug/l

RT: 7.003 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

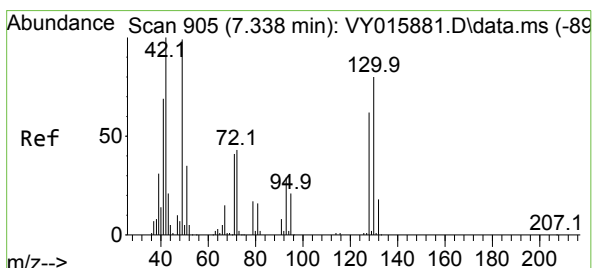
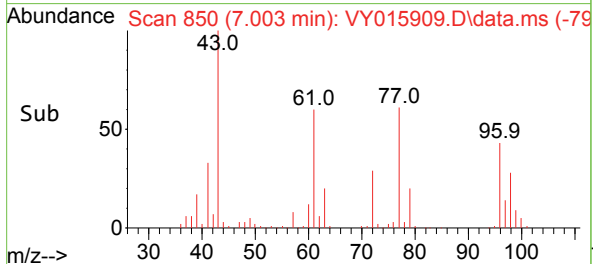
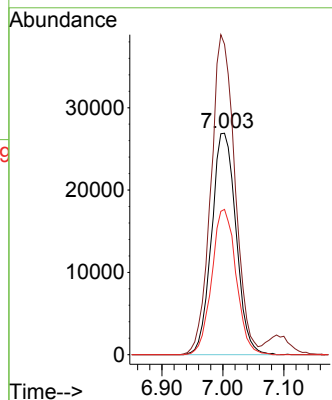
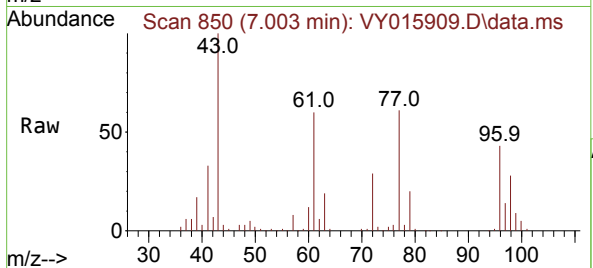
Tgt Ion: 96 Resp: 74931

Ion Ratio Lower Upper

96 100

61 142.3 0.0 301.4

98 65.4 0.0 130.4



#28

Bromochloromethane

Concen: 45.730 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

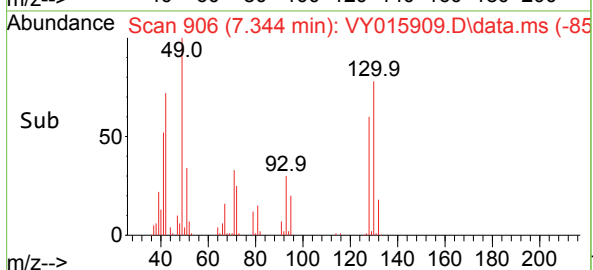
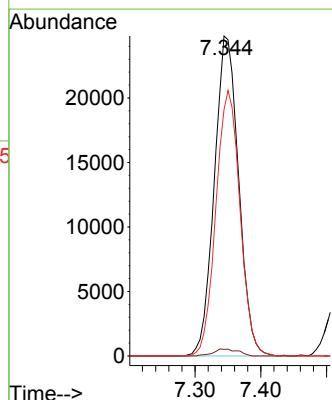
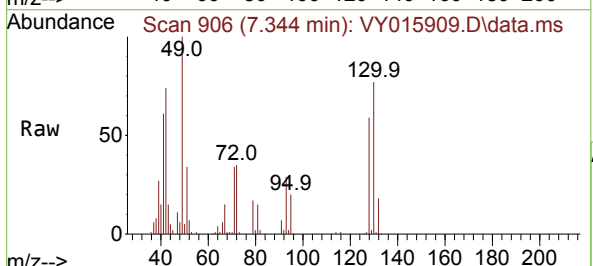
Tgt Ion: 49 Resp: 63817

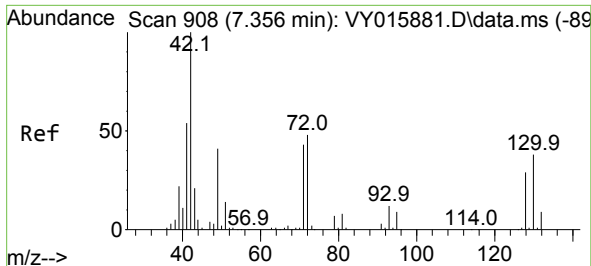
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 212.455 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

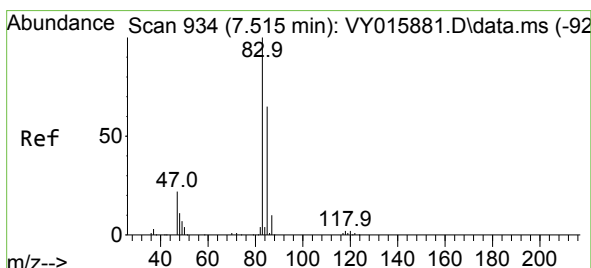
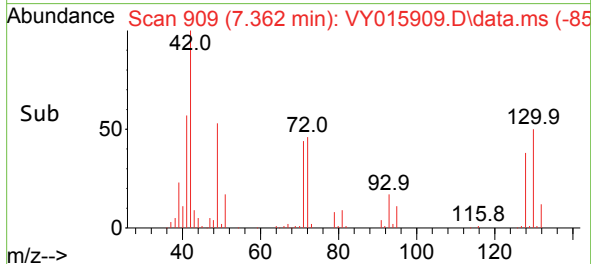
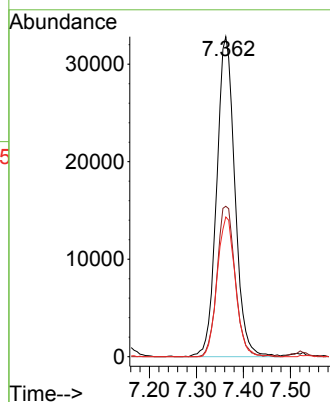
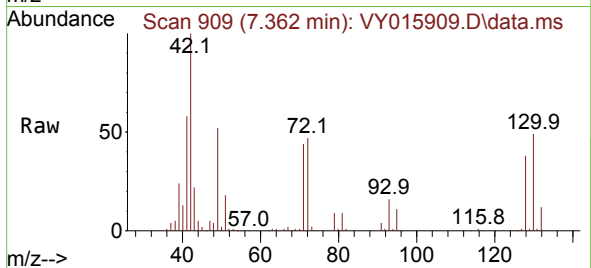
Tgt Ion: 42 Resp: 88470

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 57.695 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015909.D

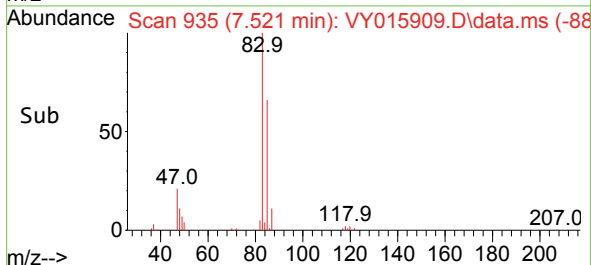
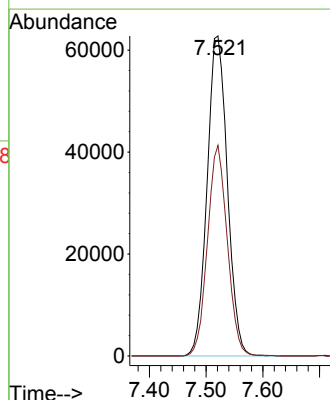
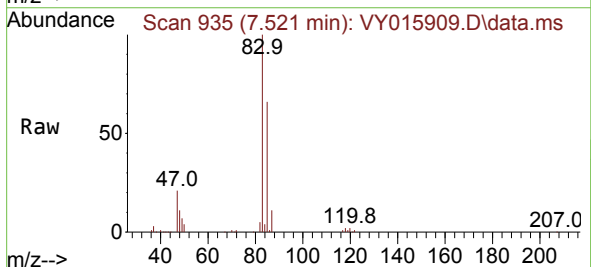
Acq: 10 Oct 2023 19:59

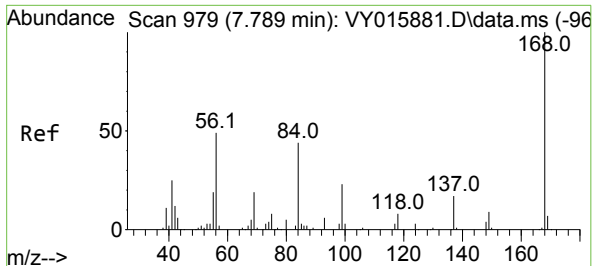
Tgt Ion: 83 Resp: 155822

Ion Ratio Lower Upper

83 100

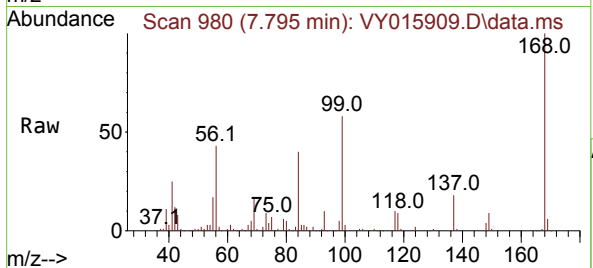
85 65.8 49.7 74.5



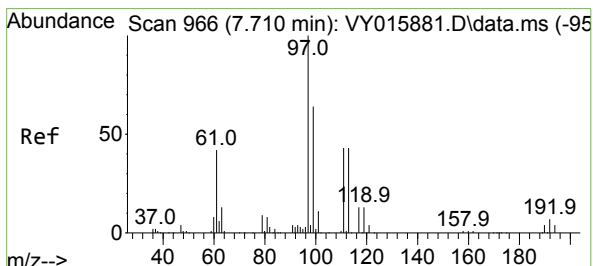
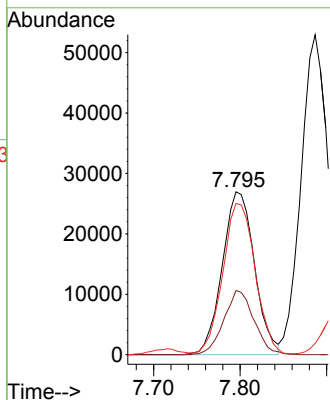
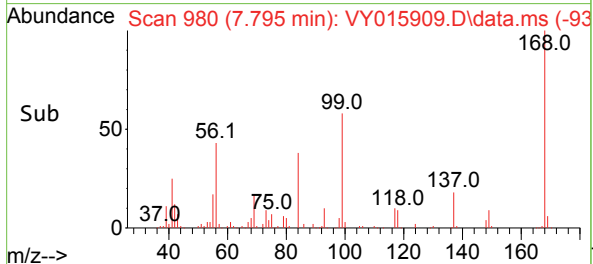


#31
Cyclohexane
Concen: 46.944 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

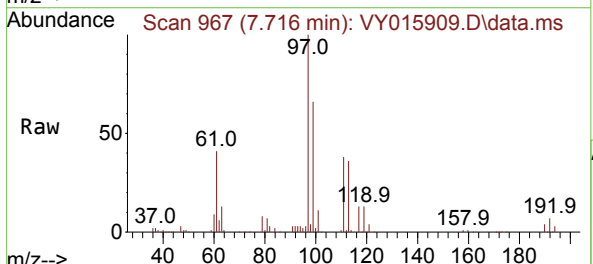
Instrument :
MSVOA_Y
ClientSampleId :



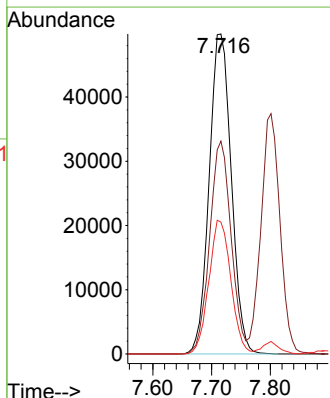
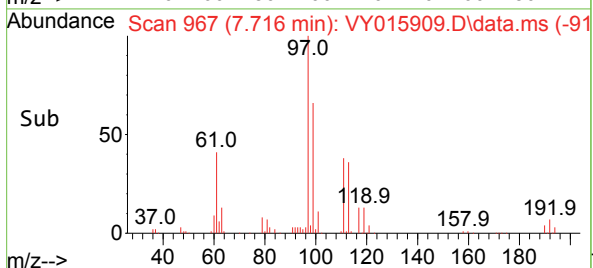
Tgt Ion: 56 Resp: 69766
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.6
84 90.9 66.4 99.6

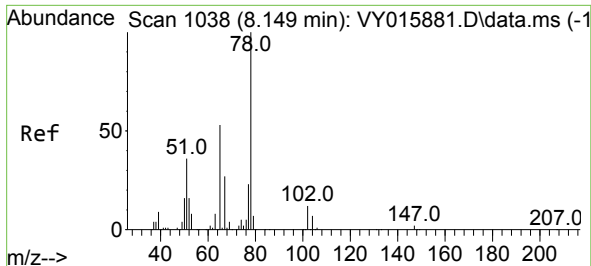


#32
1,1,1-Trichloroethane
Concen: 59.121 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59



Tgt Ion: 97 Resp: 130400
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.6 35.1 52.7

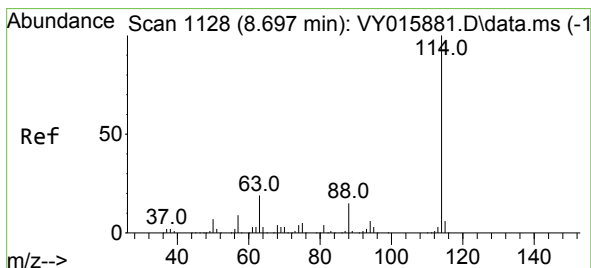
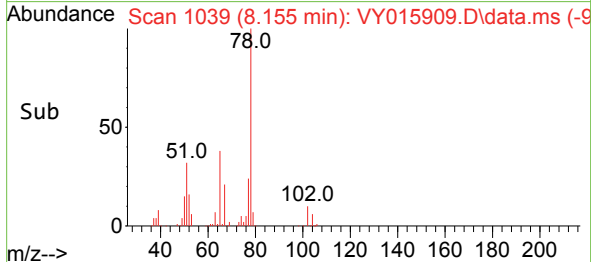
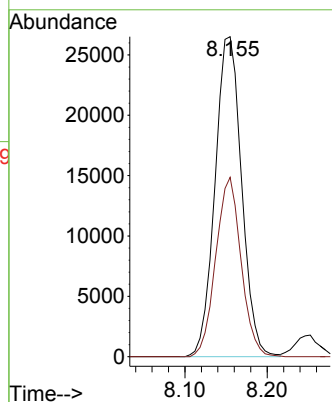
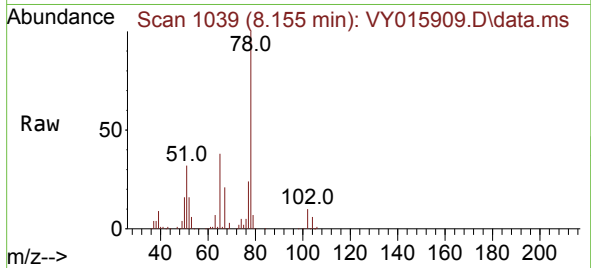




#33
1,2-Dichloroethane-d4
Concen: 42.910 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

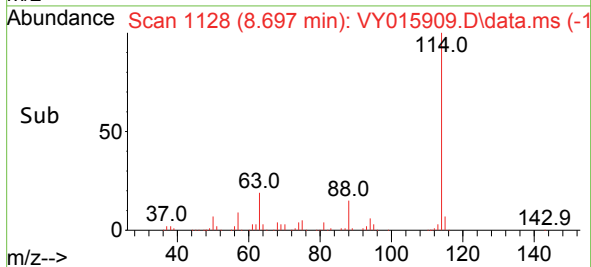
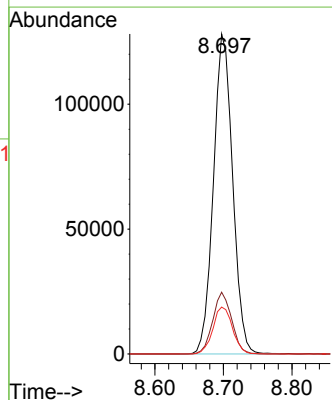
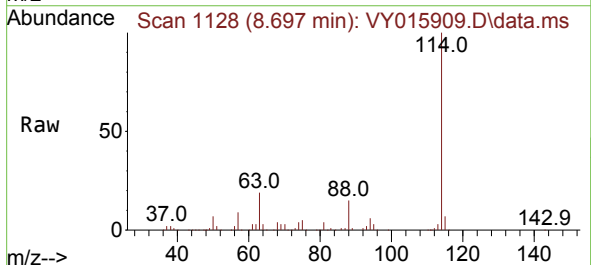
Instrument :
MSVOA_Y
ClientSampleId :

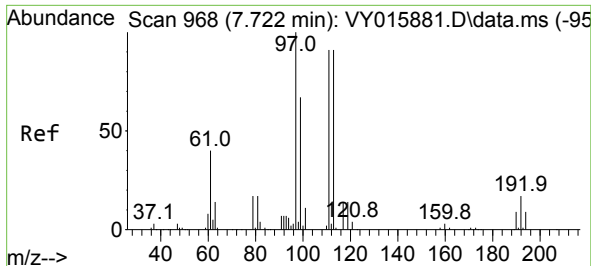
Tgt Ion: 65 Resp: 59544
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 114 Resp: 249579
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.7 0.0 30.6

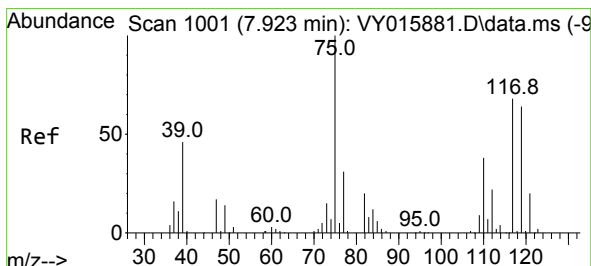
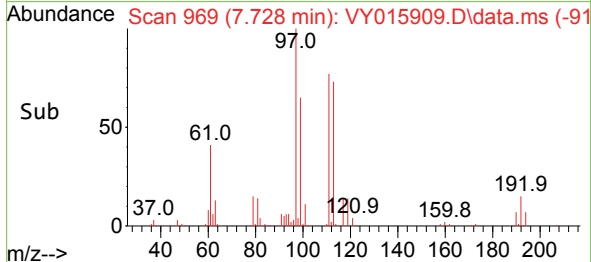
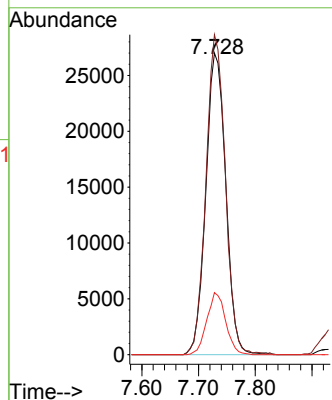
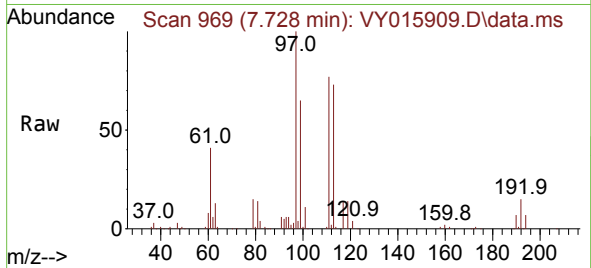




#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

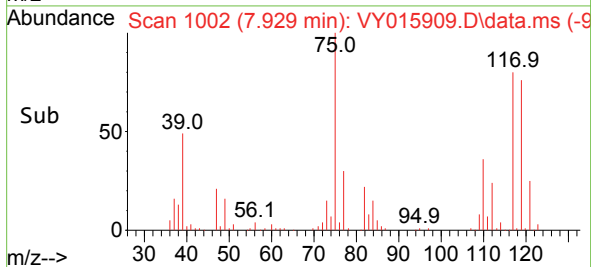
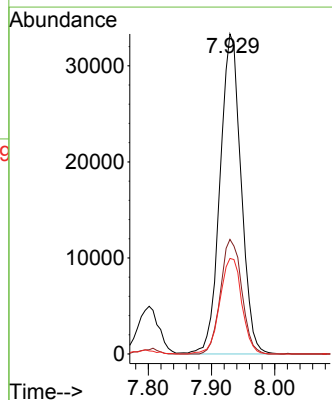
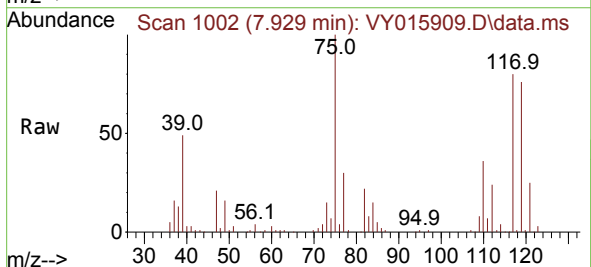
Instrument :
MSVOA_Y
ClientSampleId :

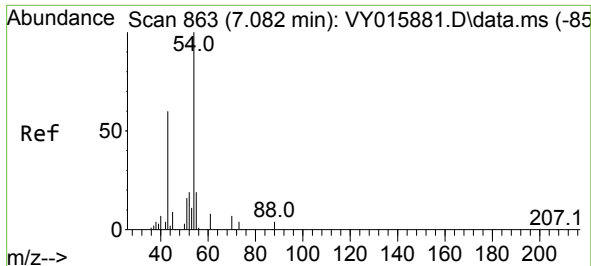
Tgt Ion:113 Resp: 65999
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.810 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 75 Resp: 76796
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.1 24.4 36.6

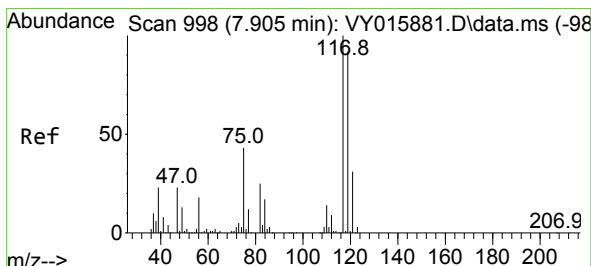
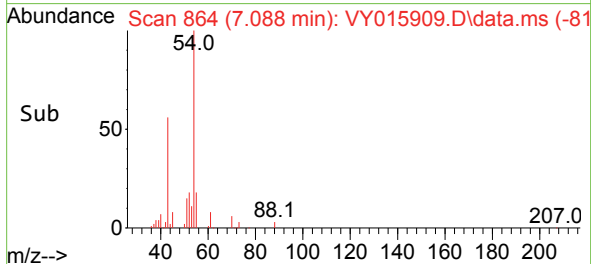
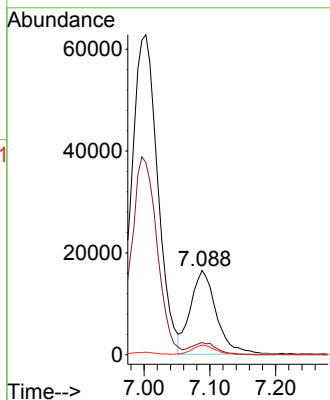
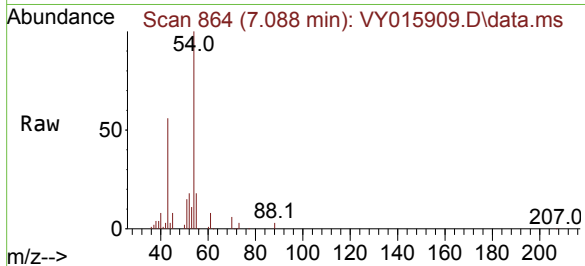




#37
Ethyl Acetate
Concen: 33.732 ug/l
RT: 7.088 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

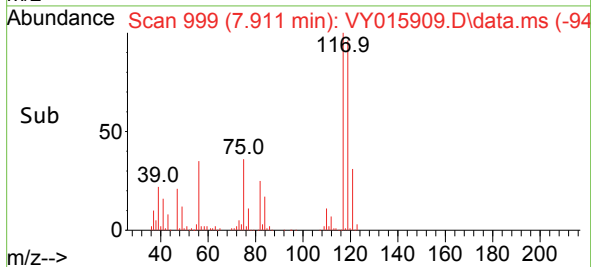
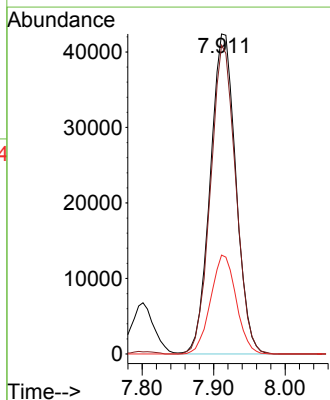
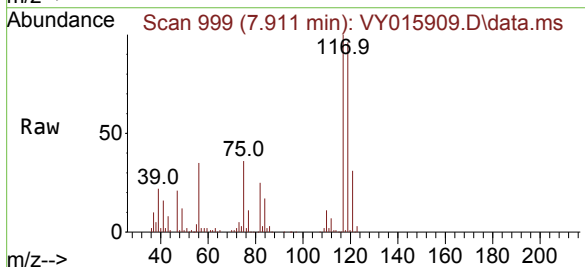
Instrument :
MSVOA_Y
ClientSampleId :

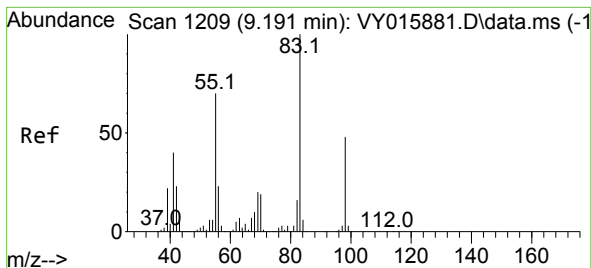
Tgt Ion: 43 Resp: 44665
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 57.006 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 117 Resp: 105552
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6
121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 39.217 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

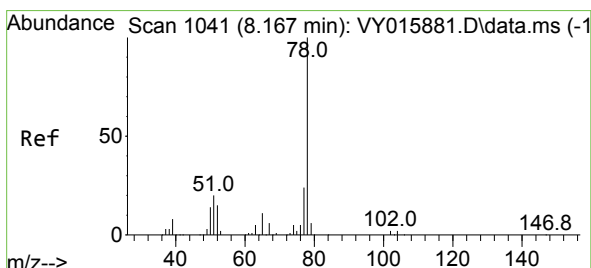
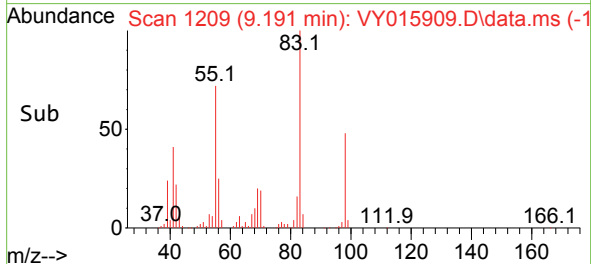
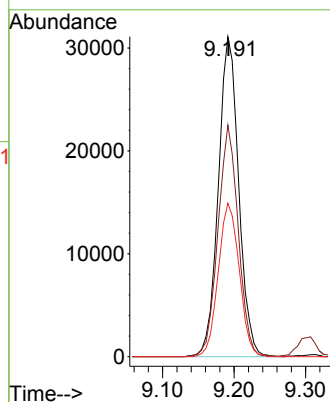
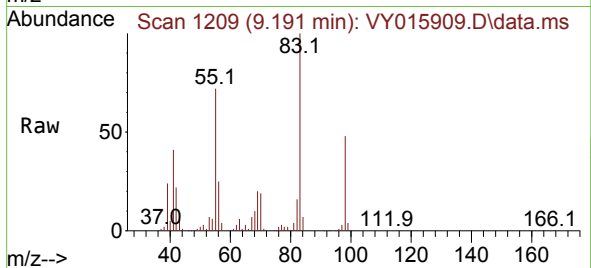
Tgt Ion: 83 Resp: 61417

Ion Ratio Lower Upper

83 100

55 72.3 63.0 94.4

98 48.0 37.4 56.2



#40

Benzene

Concen: 63.568 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY015909.D

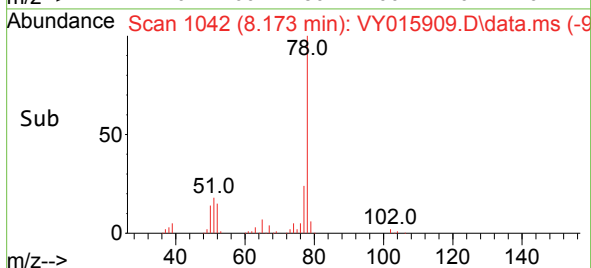
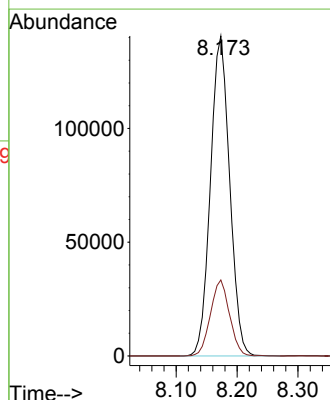
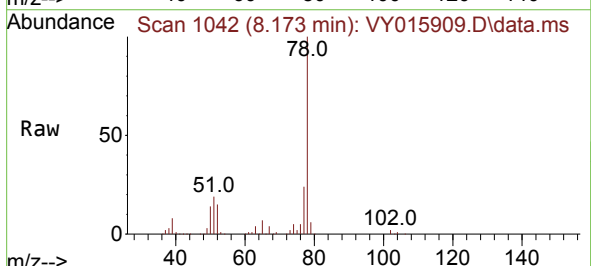
Acq: 10 Oct 2023 19:59

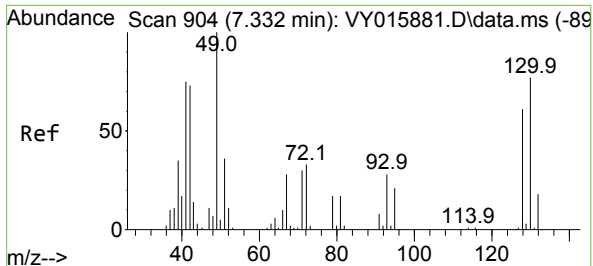
Tgt Ion: 78 Resp: 308000

Ion Ratio Lower Upper

78 100

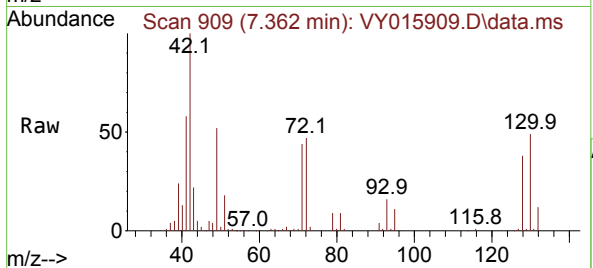
77 23.8 19.0 28.6



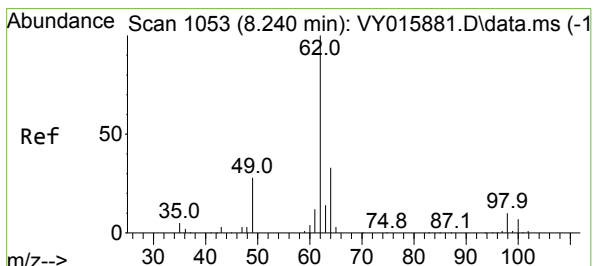
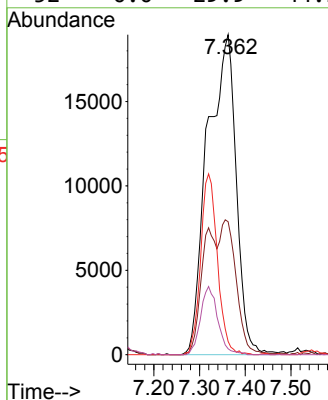
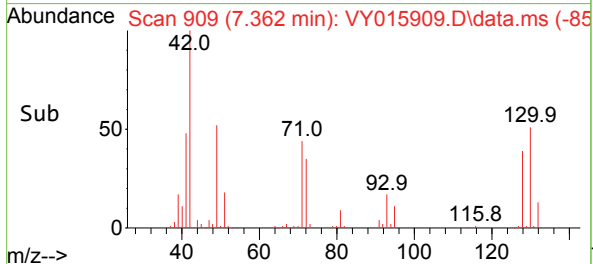


#41
Methacrylonitrile
Concen: 100.215 ug/l
RT: 7.362 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

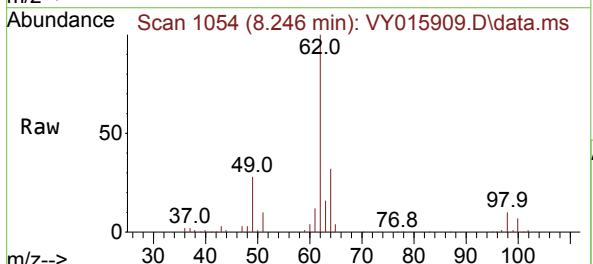
Instrument :
MSVOA_Y
ClientSampleId :



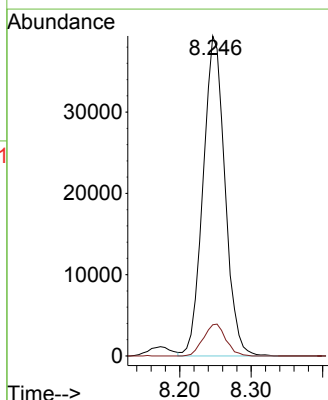
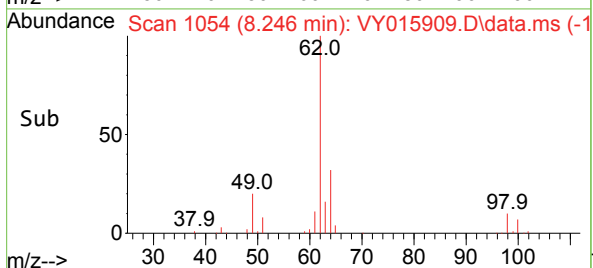
Tgt Ion: 41 Resp: 82537
Ion Ratio Lower Upper
41 100
39 21.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

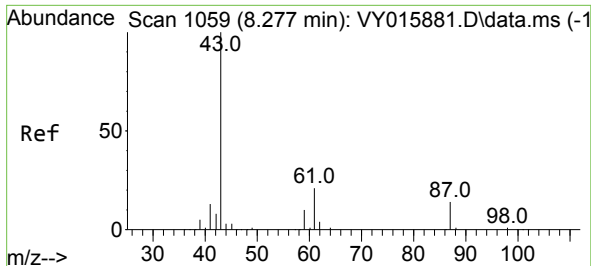


#42
1,2-Dichloroethane
Concen: 50.624 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59



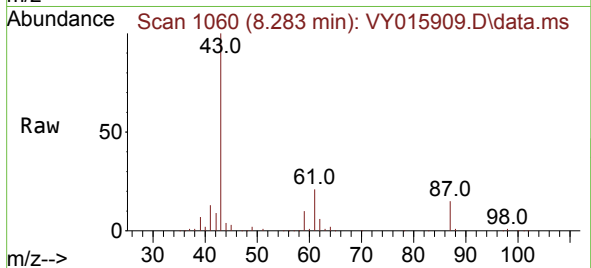
Tgt Ion: 62 Resp: 83612
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



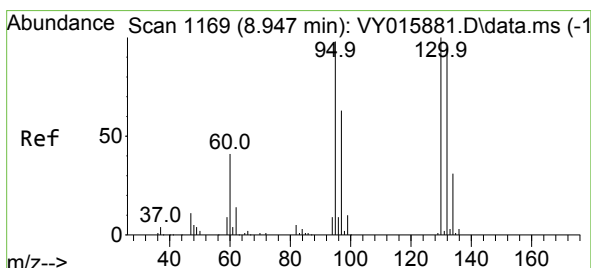
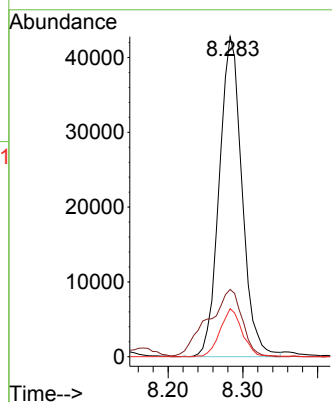
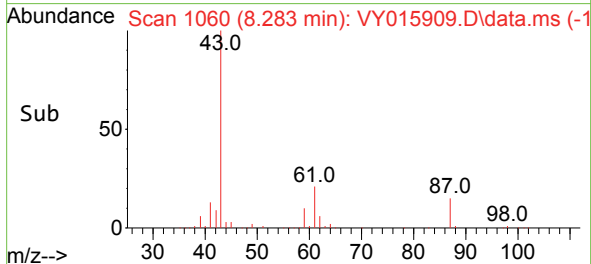


#43
Isopropyl Acetate
Concen: 36.951 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Instrument :
MSVOA_Y
ClientSampleId :

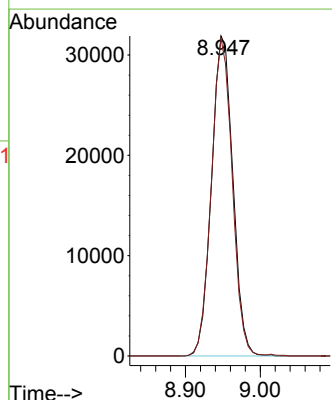
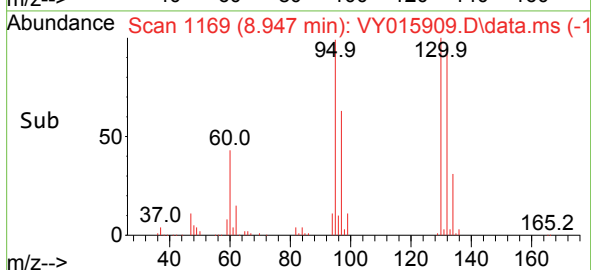
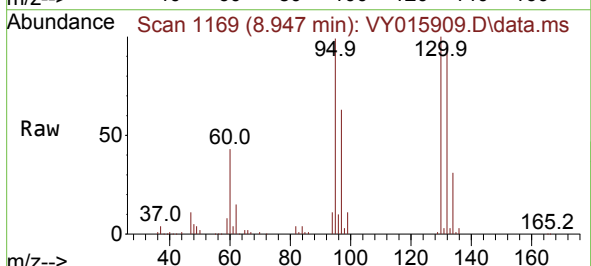


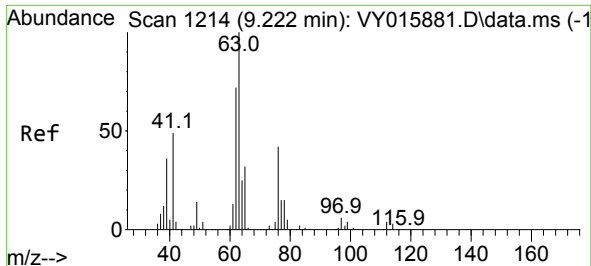
Tgt Ion: 43 Resp: 90570
Ion Ratio Lower Upper
43 100
61 31.3 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 45.040 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 130 Resp: 63148
Ion Ratio Lower Upper
130 100
95 99.3 0.0 196.0

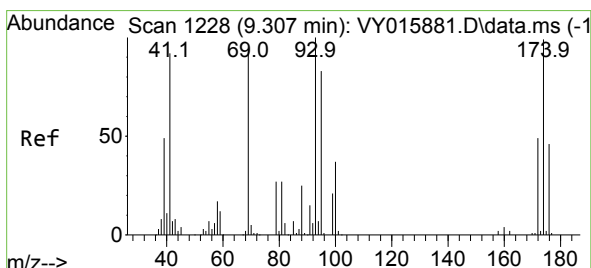
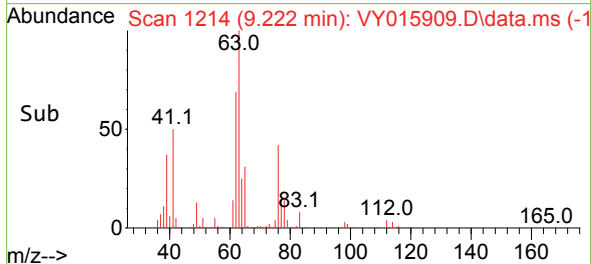
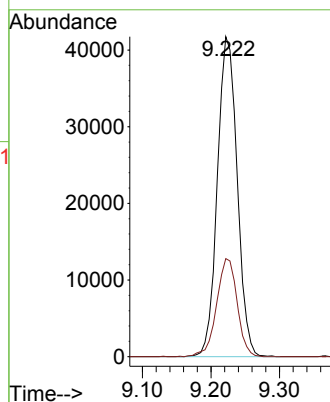
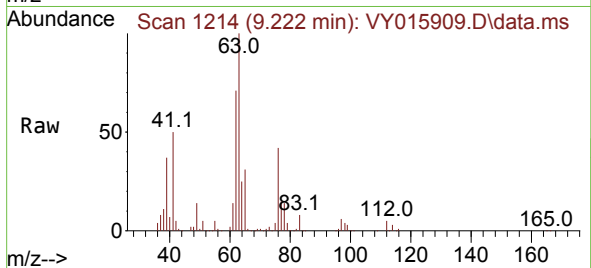




#45
1,2-Dichloropropane
Concen: 57.409 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

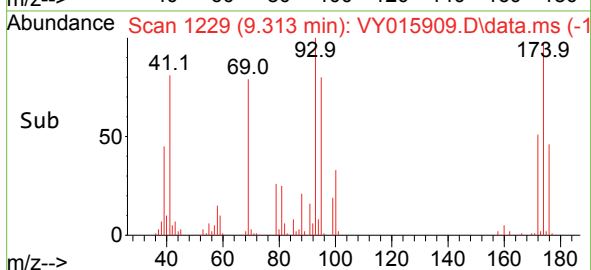
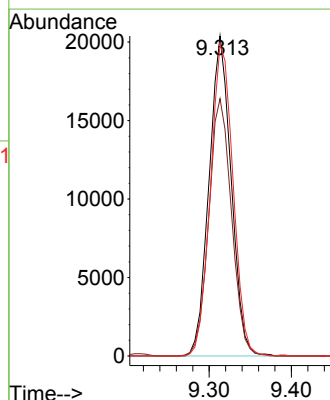
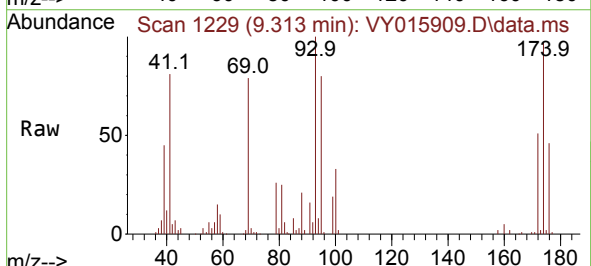
Instrument :
MSVOA_Y
ClientSampleId :

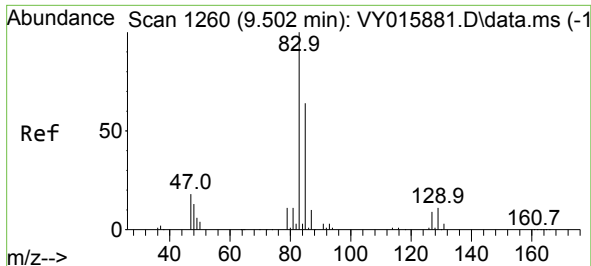
Tgt Ion: 63 Resp: 83666
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 43.929 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

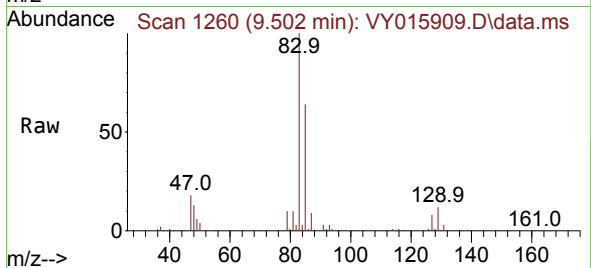
Tgt Ion: 93 Resp: 38098
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 99.5 84.8 127.2



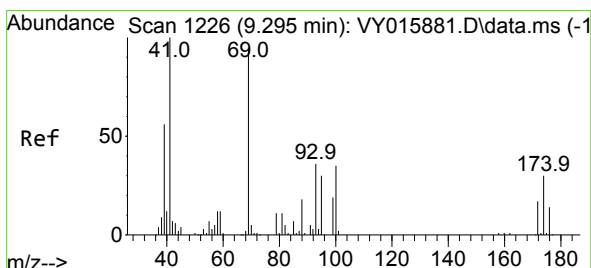
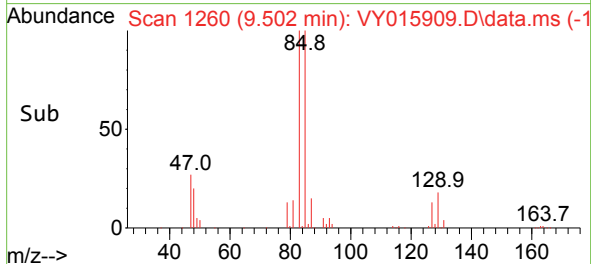
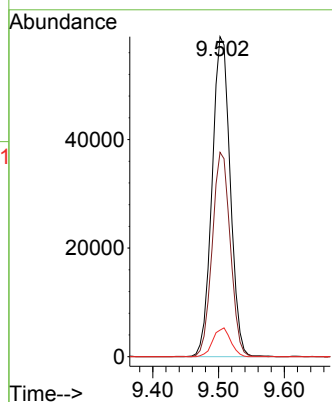


#47
Bromodichloromethane
Concen: 52.417 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Instrument :
MSVOA_Y
ClientSampleId :

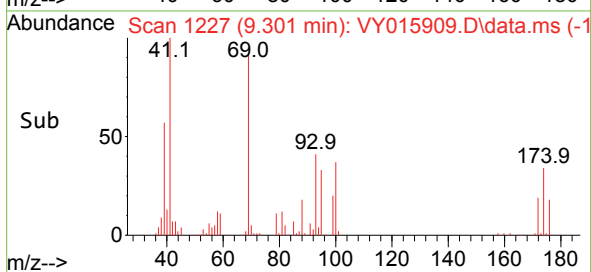
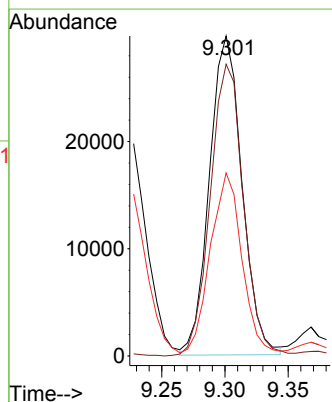
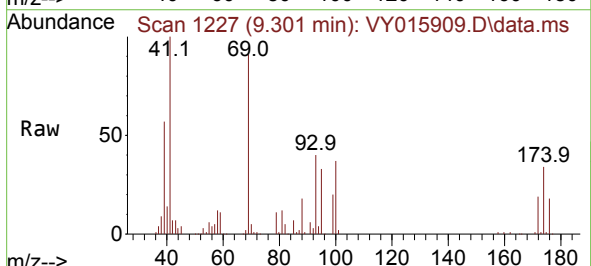


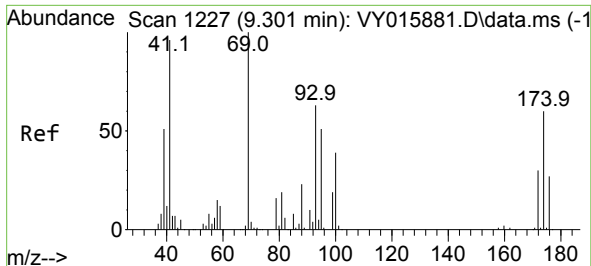
Tgt Ion: 83 Resp: 113061
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 49.254 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 41 Resp: 53314
Ion Ratio Lower Upper
41 100
69 93.2 64.5 96.7
39 56.1 50.8 76.2

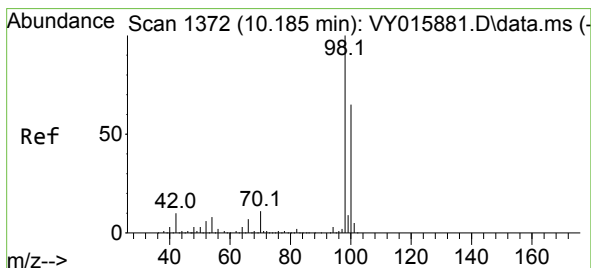
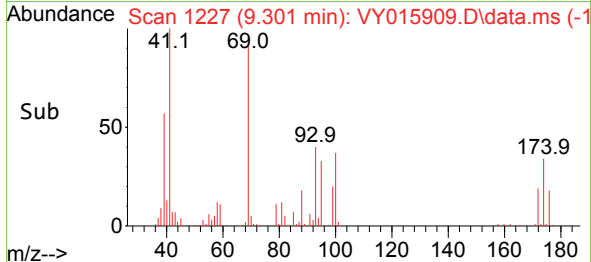
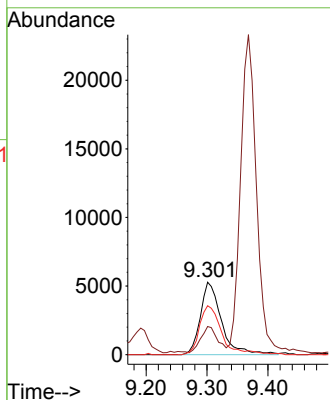
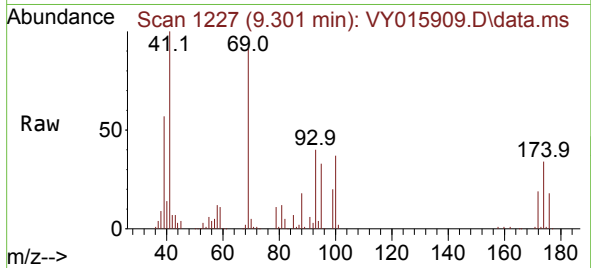




#49
1,4-Dioxane
Concen: 843.455 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

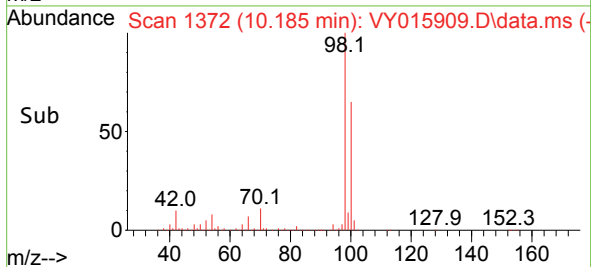
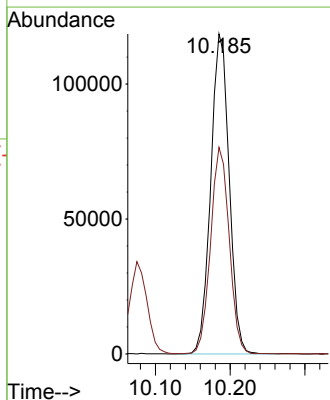
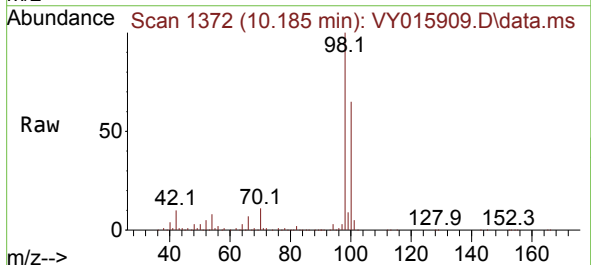
Instrument :
MSVOA_Y
ClientSampleId :

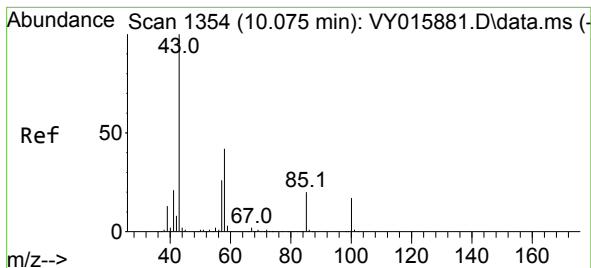
Tgt Ion: 88 Resp: 12716
Ion Ratio Lower Upper
88 100
43 28.4 0.0 0.0#
58 71.4 30.9 46.3#



#50
Toluene-d8
Concen: 44.285 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 98 Resp: 203177
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

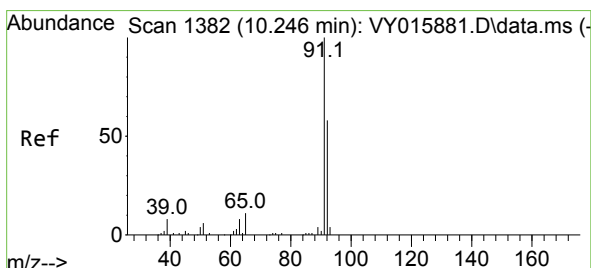
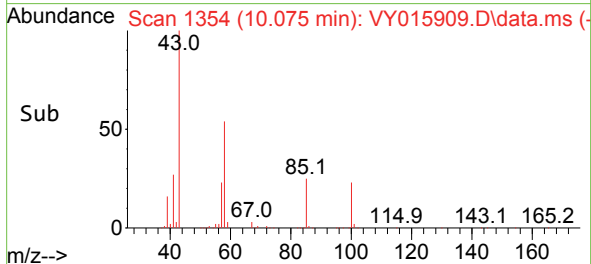
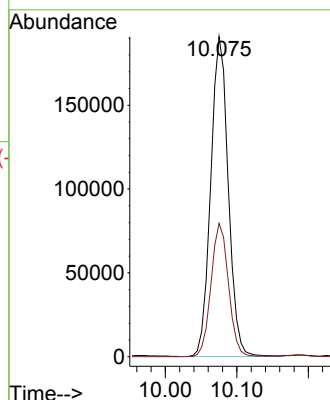
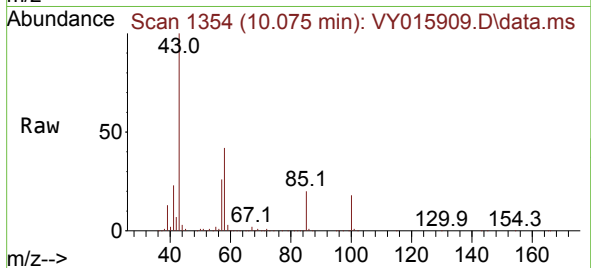




#51
4-Methyl-2-Pentanone
Concen: 221.610 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

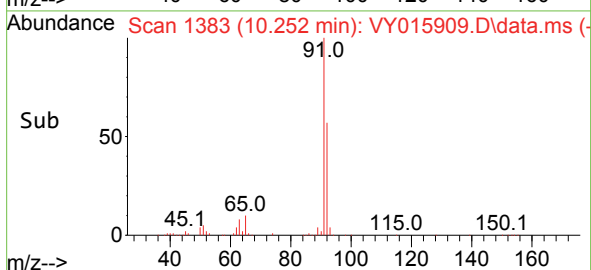
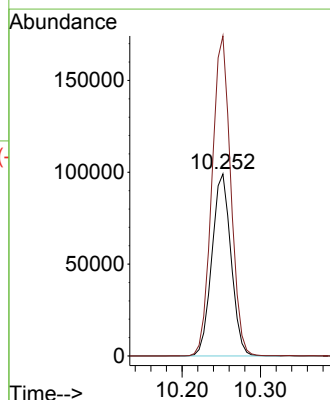
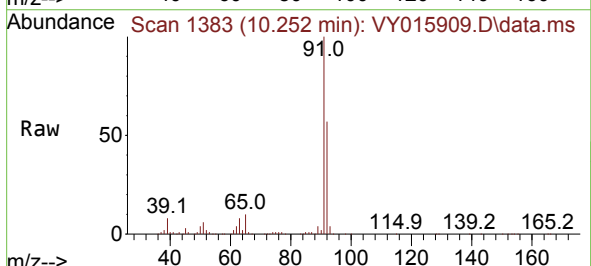
Instrument :
MSVOA_Y
ClientSampleId :

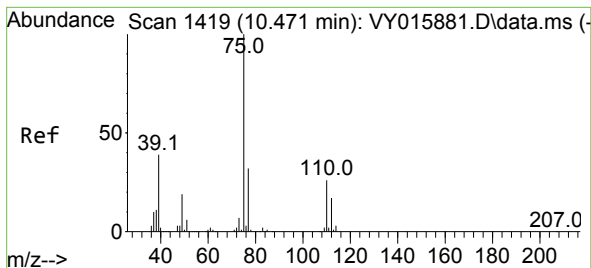
Tgt Ion: 43 Resp: 324976
Ion Ratio Lower Upper
43 100
58 41.5 29.0 43.6



#52
Toluene
Concen: 52.154 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 92 Resp: 167737
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

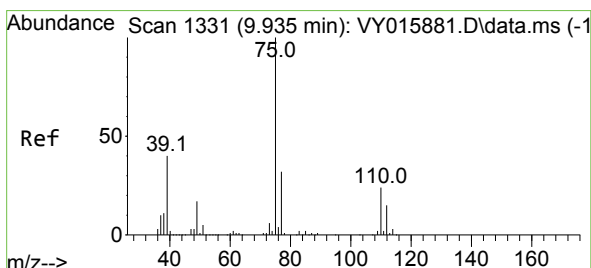
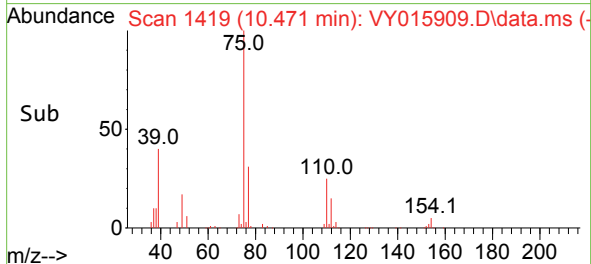
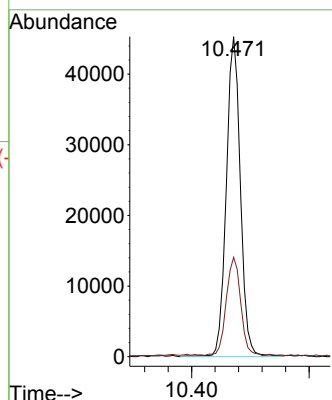
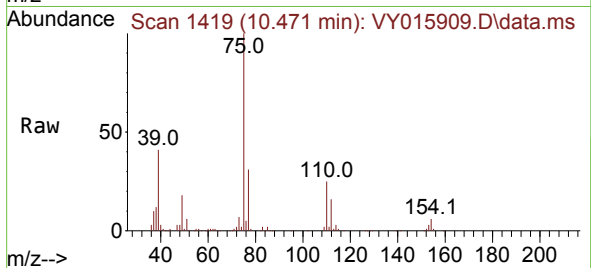




#53
t-1,3-Dichloropropene
Concen: 34.538 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

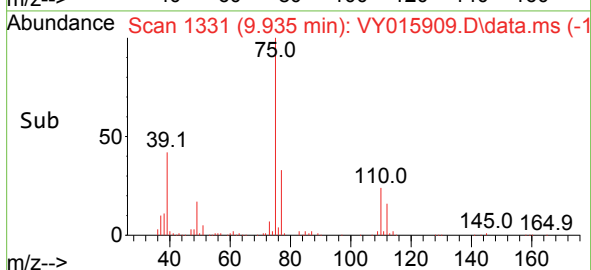
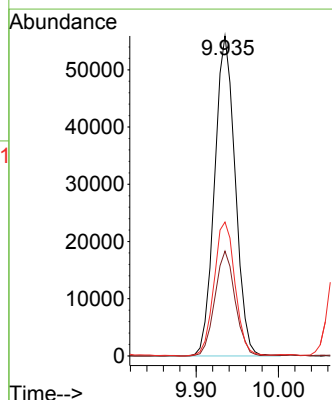
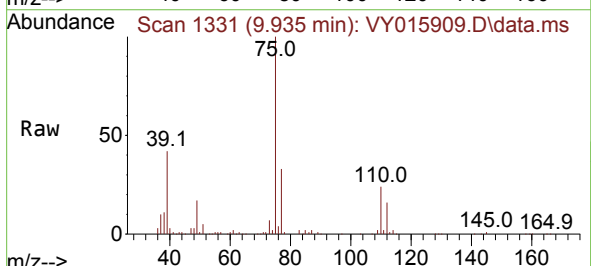
Instrument :
MSVOA_Y
ClientSampleId :

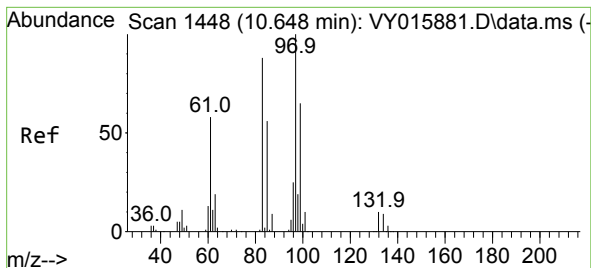
Tgt Ion: 75 Resp: 75313
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 41.179 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 75 Resp: 97538
Ion Ratio Lower Upper
75 100
77 32.7 24.2 36.4
39 41.8 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 49.013 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 67685

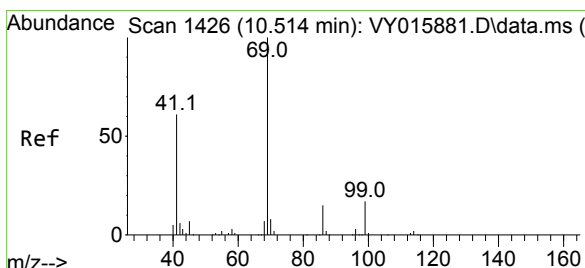
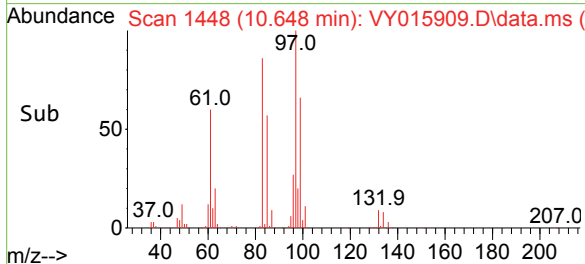
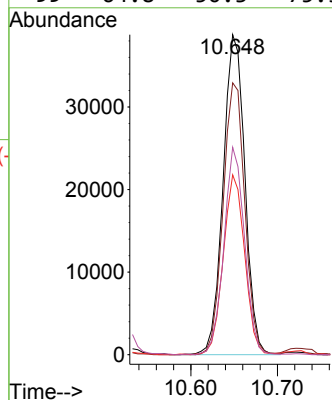
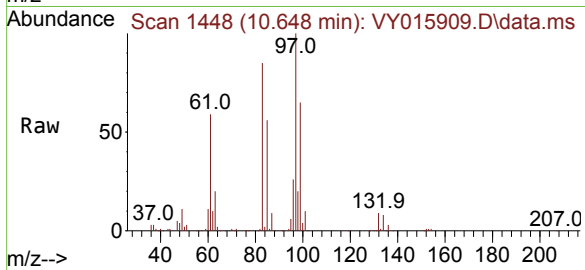
Ion Ratio Lower Upper

97 100

83 84.9 72.0 108.0

85 56.0 45.4 68.0

99 64.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 43.923 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

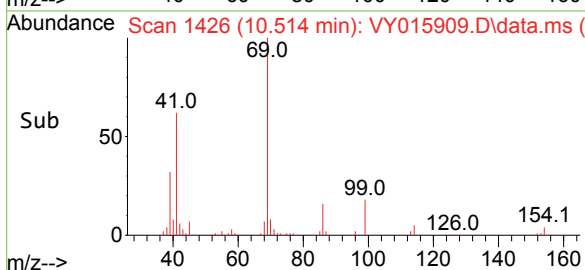
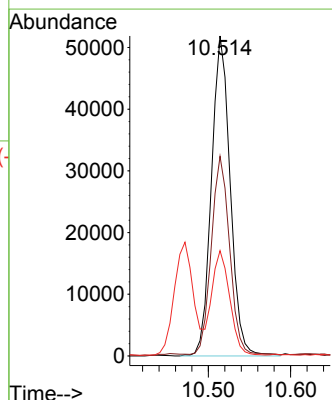
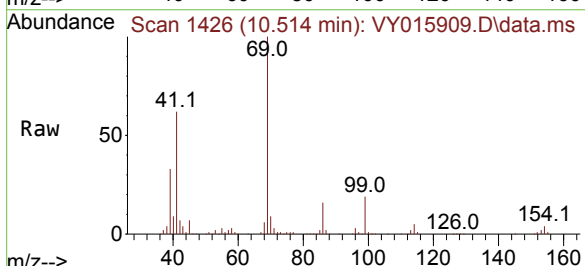
Tgt Ion: 69 Resp: 82346

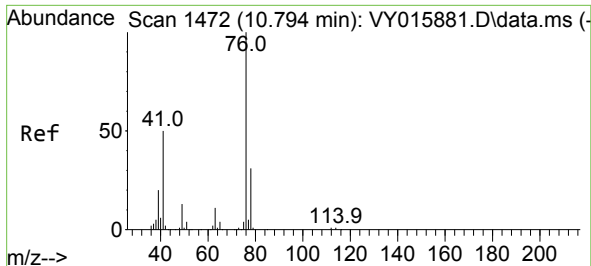
Ion Ratio Lower Upper

69 100

41 60.3 57.6 86.4

39 30.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 47.298 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

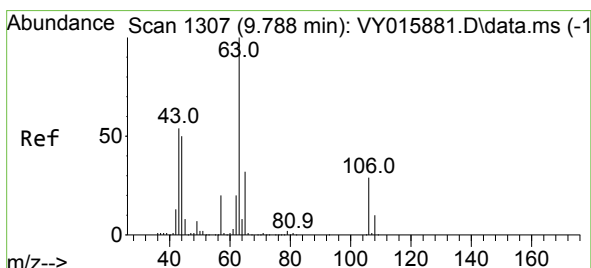
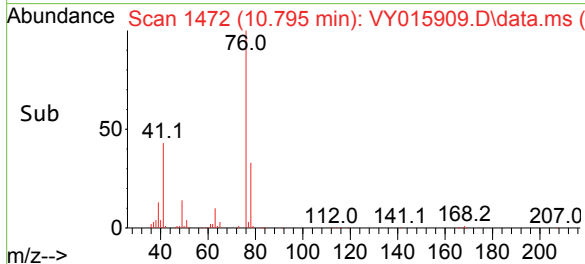
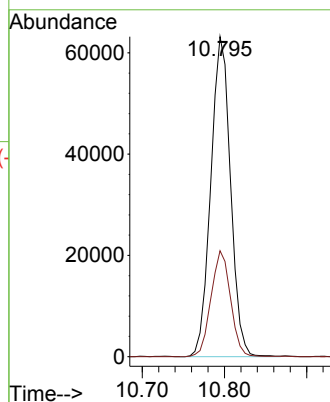
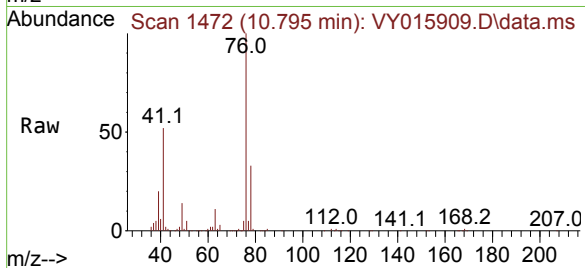
ClientSampleId :

Tgt Ion: 76 Resp: 105306

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 202.488 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY015909.D

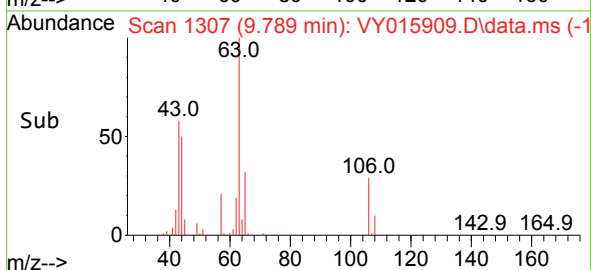
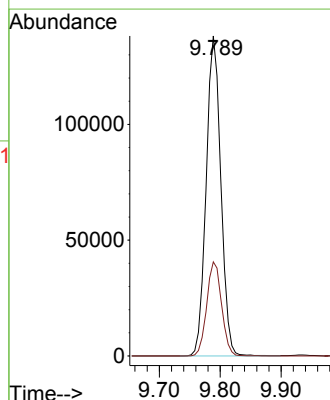
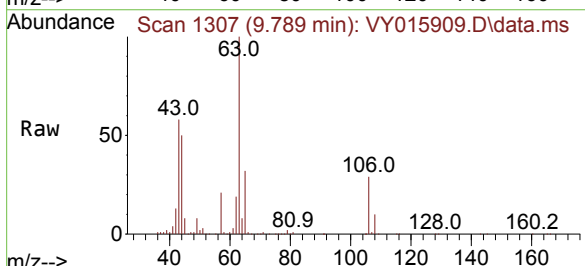
Acq: 10 Oct 2023 19:59

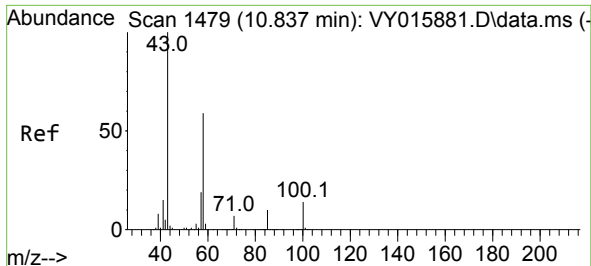
Tgt Ion: 63 Resp: 231385

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

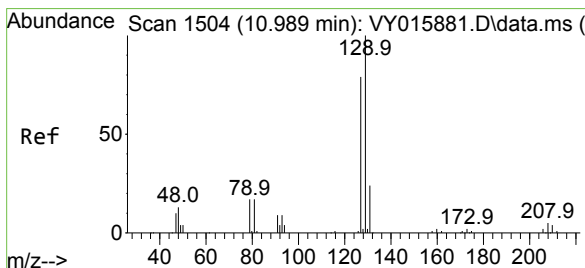
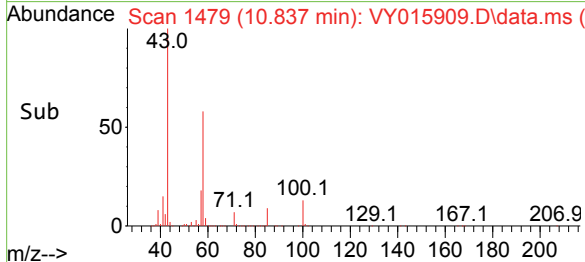
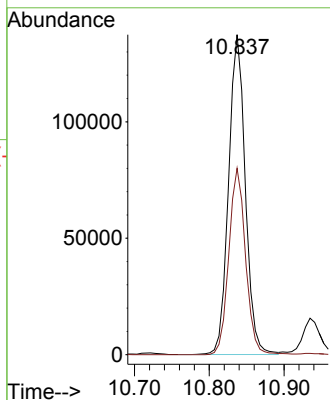
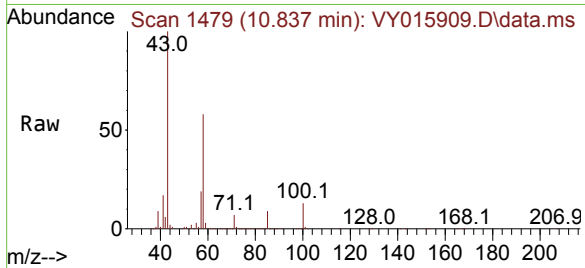




#59
2-Hexanone
Concen: 193.102 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

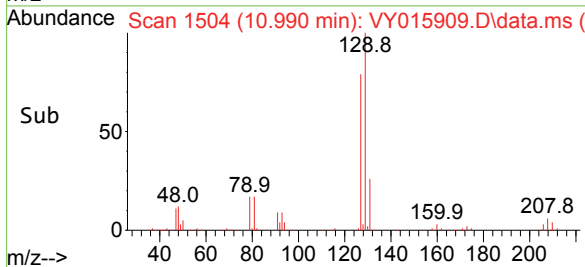
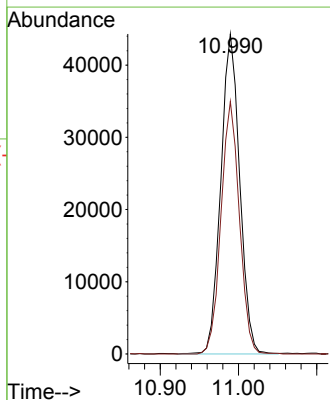
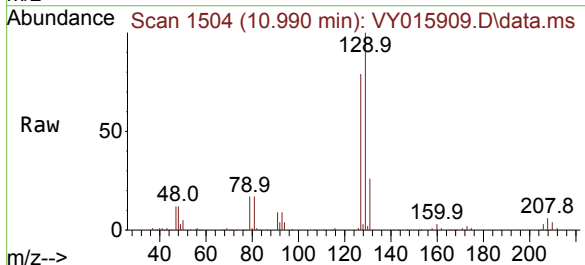
Instrument :
MSVOA_Y
ClientSampleId :

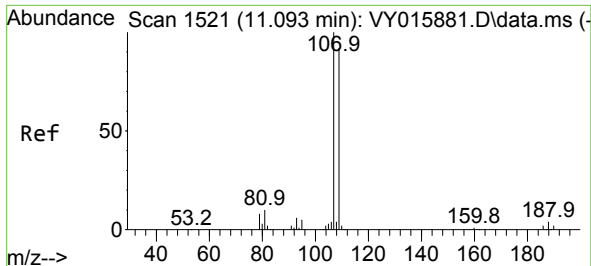
Tgt Ion: 43 Resp: 214233
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 45.027 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion:129 Resp: 74543
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

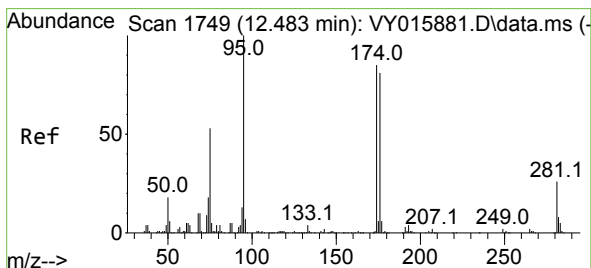
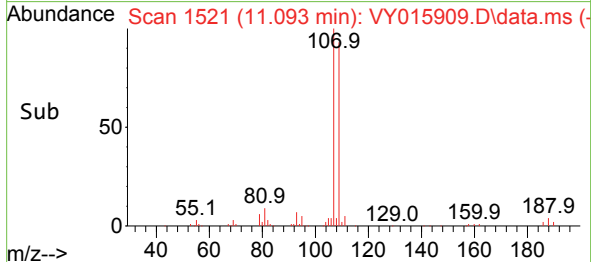
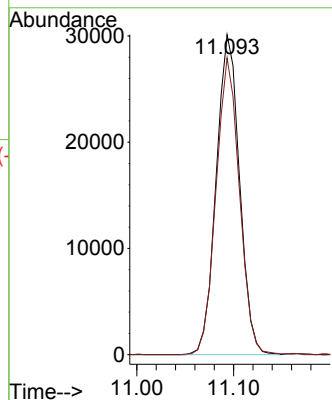
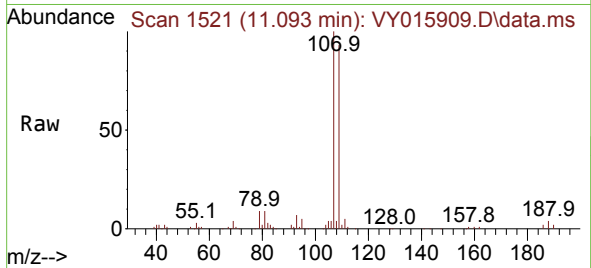




#61
1,2-Dibromoethane
Concen: 39.874 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

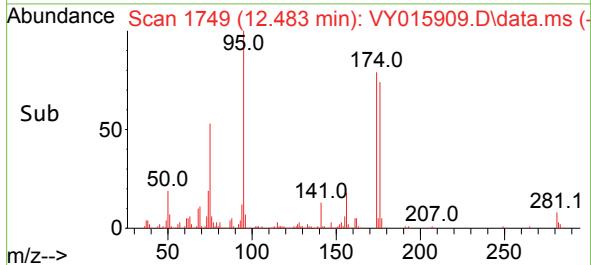
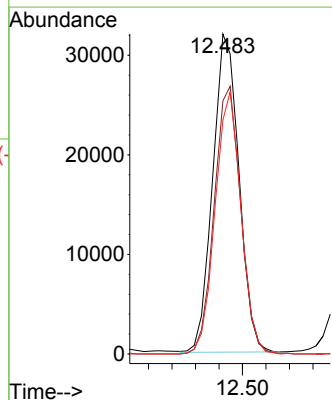
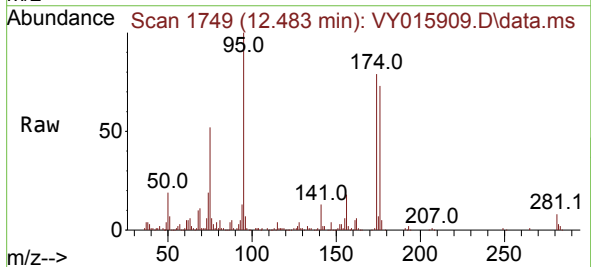
Instrument :
MSVOA_Y
ClientSampleId :

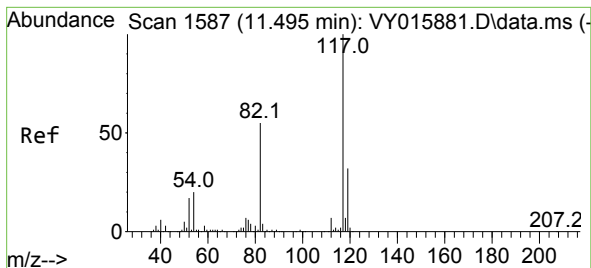
Tgt Ion:107 Resp: 50291
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 26.575 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 95 Resp: 49523
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.000 min

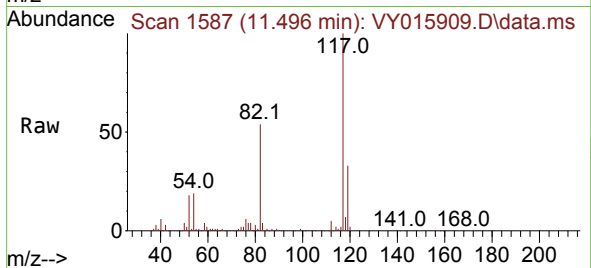
Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :



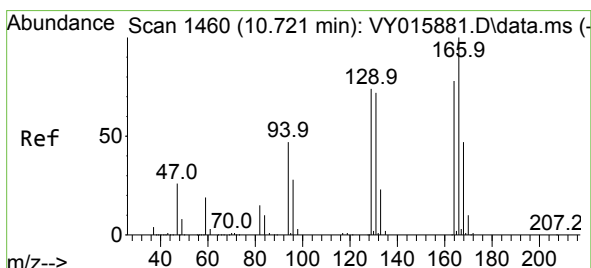
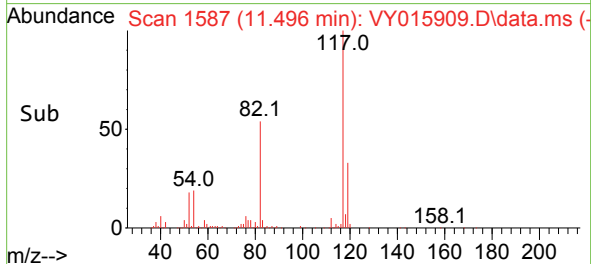
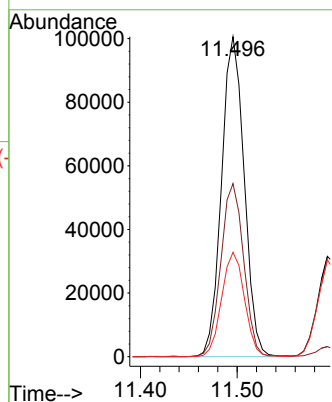
Tgt Ion:117 Resp: 163419

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 49.049 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Tgt Ion:164 Resp: 52310

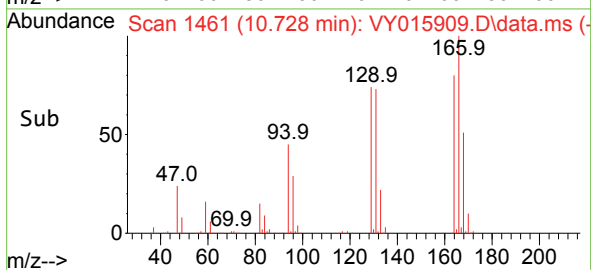
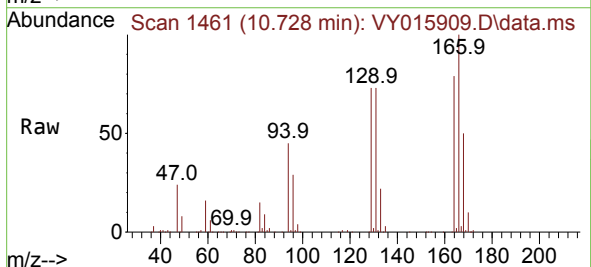
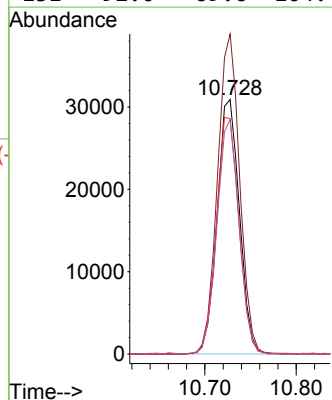
Ion Ratio Lower Upper

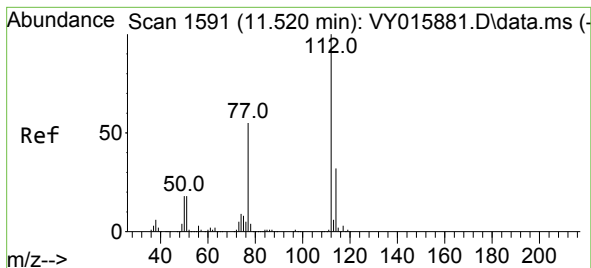
164 100

166 125.8 103.0 154.6

129 92.4 77.2 115.8

131 92.0 69.6 104.4





#65

Chlorobenzene

Concen: 53.248 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

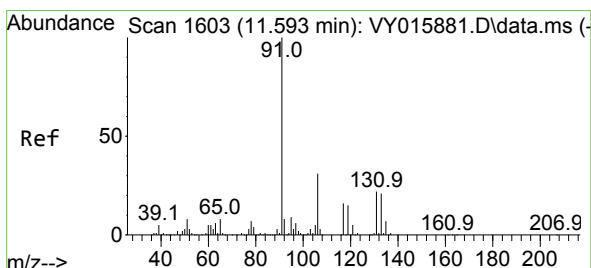
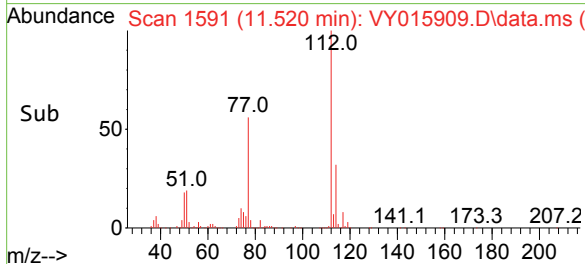
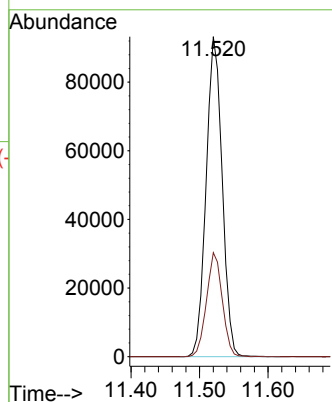
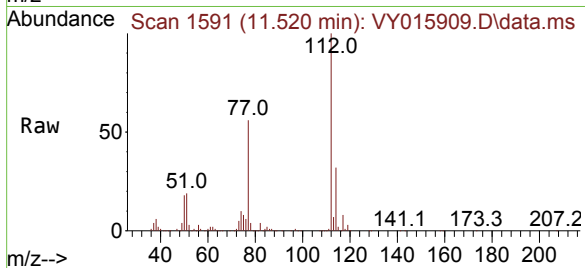
ClientSampleId :

Tgt Ion:112 Resp: 151783

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 64.610 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

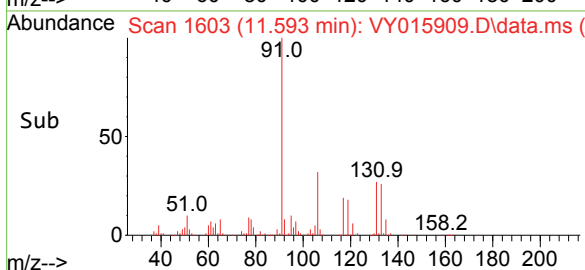
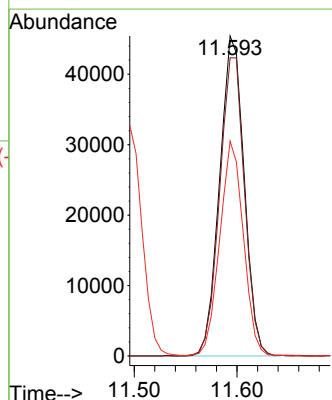
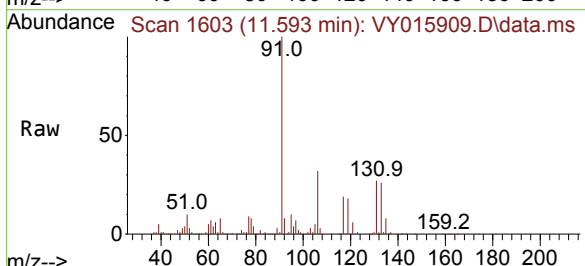
Tgt Ion:131 Resp: 75275

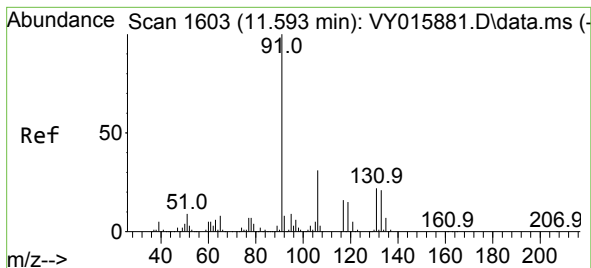
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 57.921 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

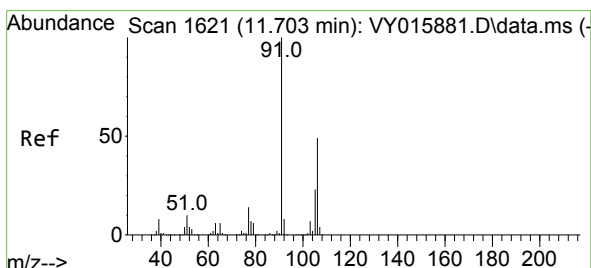
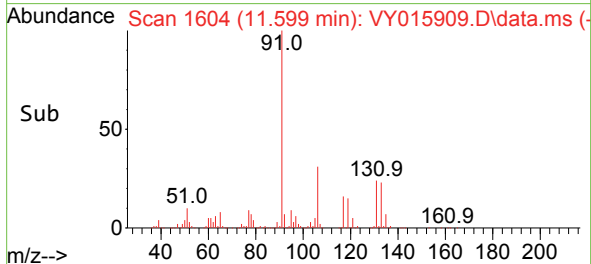
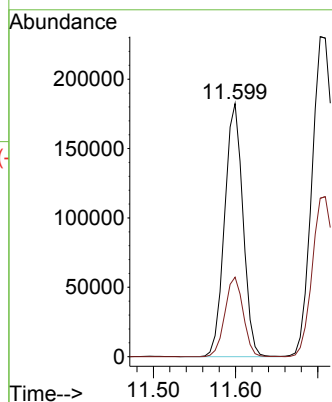
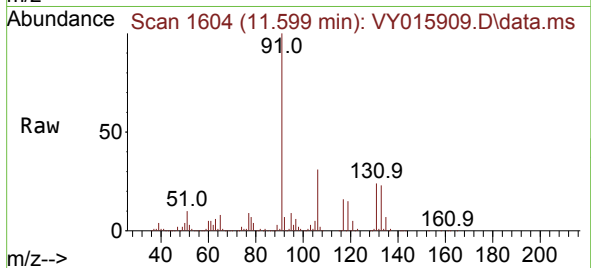
ClientSampleId :

Tgt Ion: 91 Resp: 283248

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 116.772 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015909.D

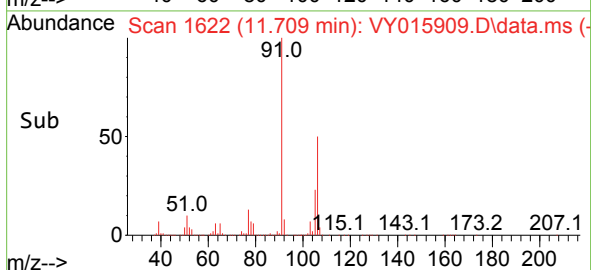
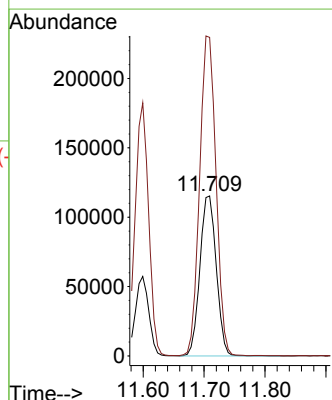
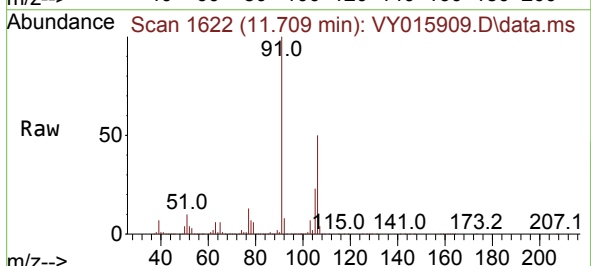
Acq: 10 Oct 2023 19:59

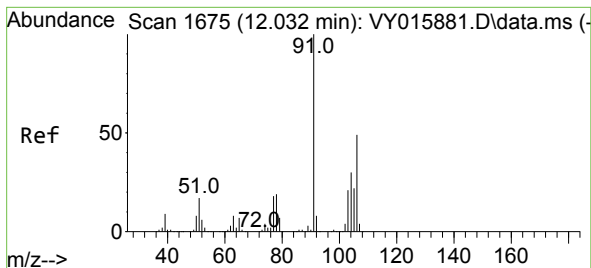
Tgt Ion:106 Resp: 215176

Ion Ratio Lower Upper

106 100

91 199.8 166.1 249.1





#69

o-Xylene

Concen: 59.591 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

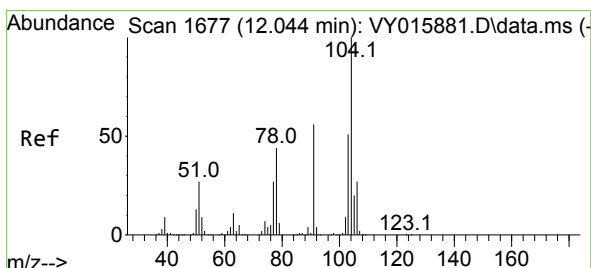
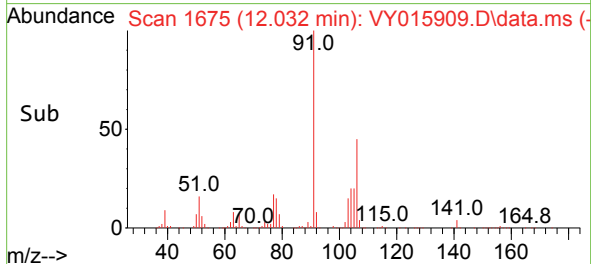
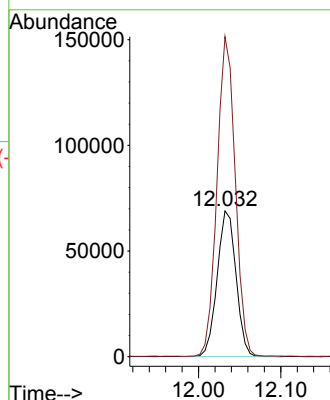
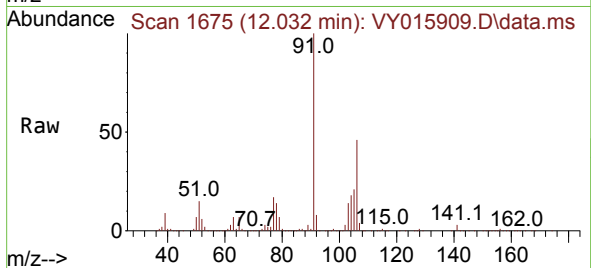
ClientSampleId :

Tgt Ion:106 Resp: 109868

Ion Ratio Lower Upper

106 100

91 212.5 108.1 324.3



#70

Styrene

Concen: 47.730 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

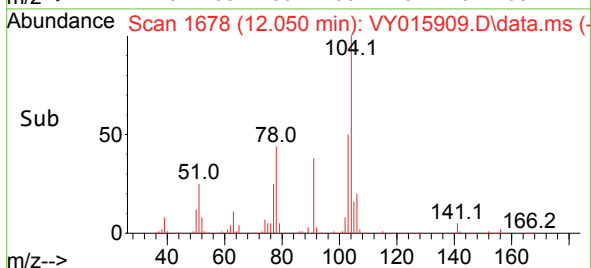
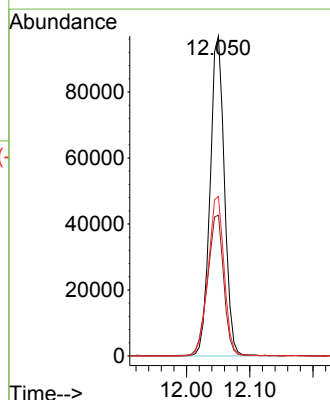
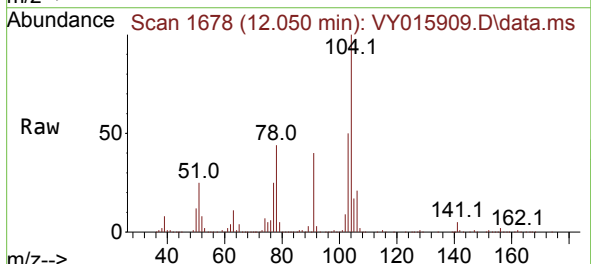
Tgt Ion:104 Resp: 153535

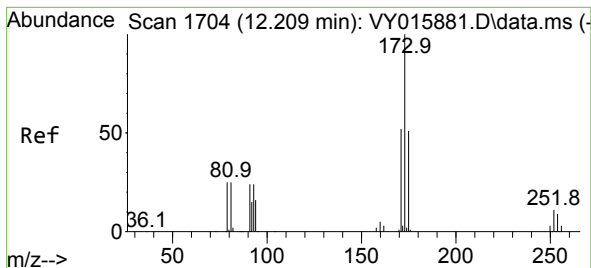
Ion Ratio Lower Upper

104 100

78 50.2 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 49.930 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

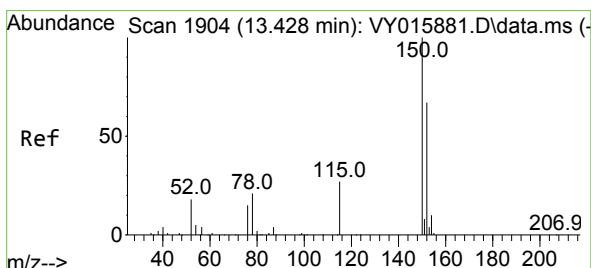
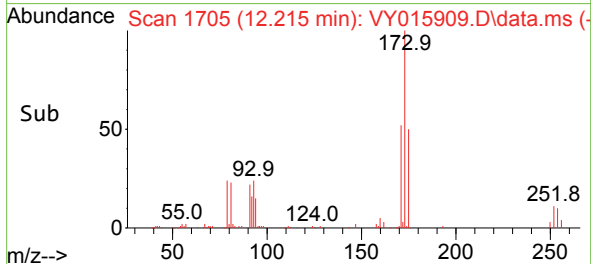
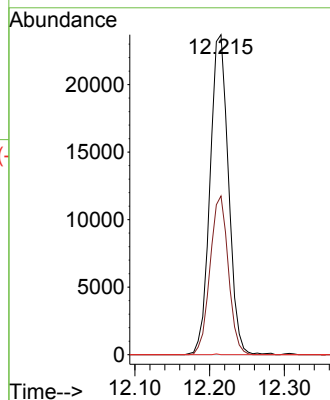
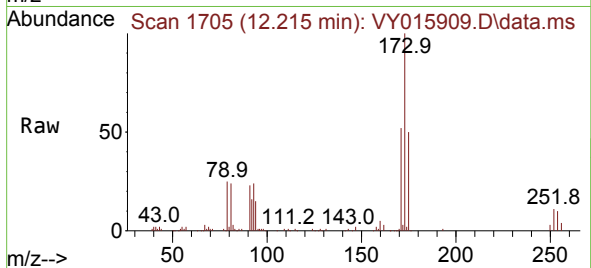
Tgt Ion:173 Resp: 40509

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

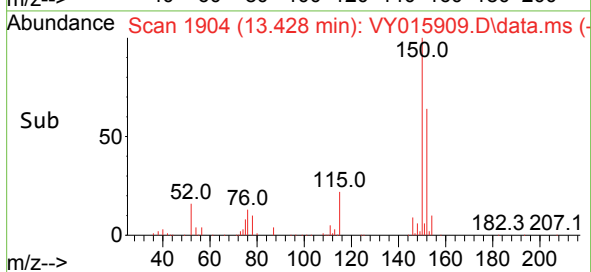
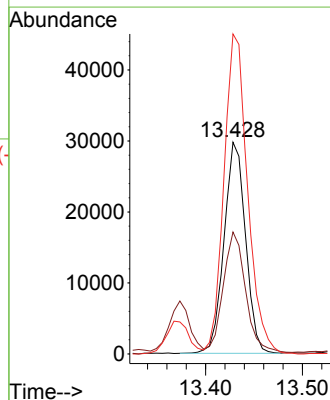
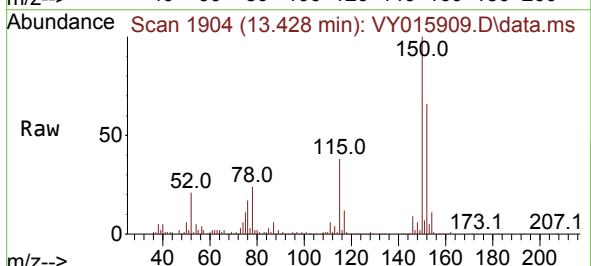
Tgt Ion:152 Resp: 45751

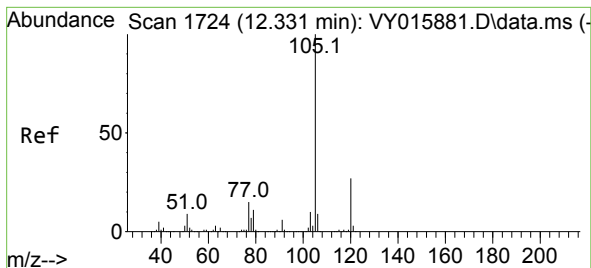
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 167.1 0.0 348.8





#73

Isopropylbenzene

Concen: 85.325 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

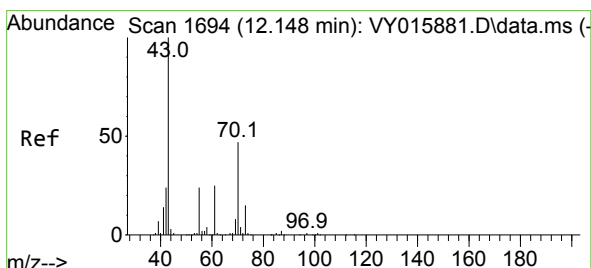
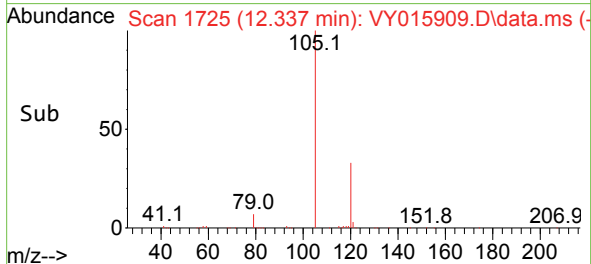
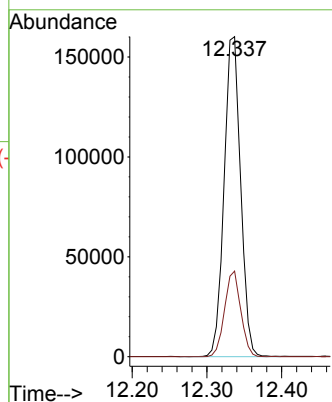
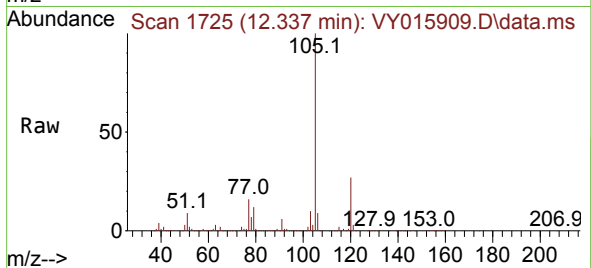
ClientSampleId :

Tgt Ion:105 Resp: 246250

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 10.456 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Tgt Ion: 43 Resp: 9510

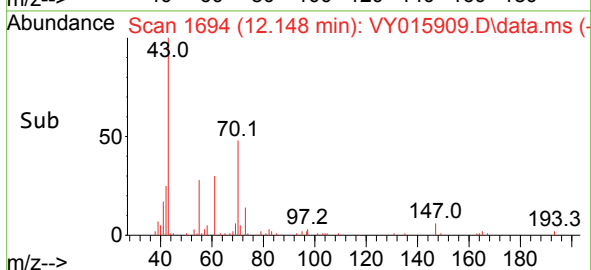
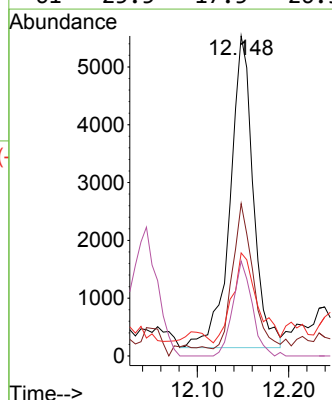
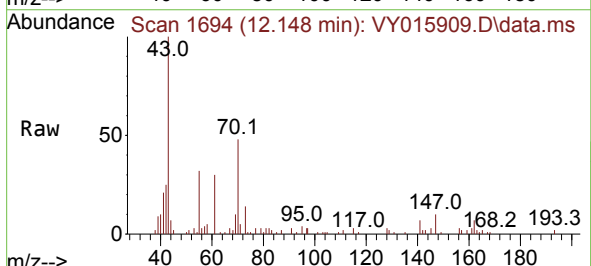
Ion Ratio Lower Upper

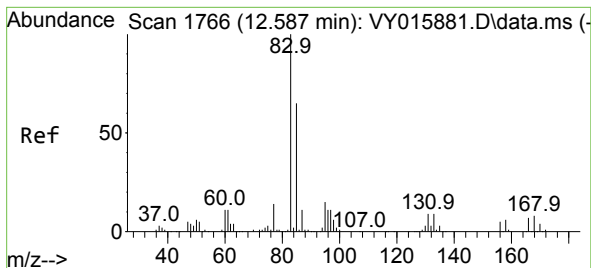
43 100

70 42.9 29.7 44.5

55 30.5 18.3 27.5#

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 89.129 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

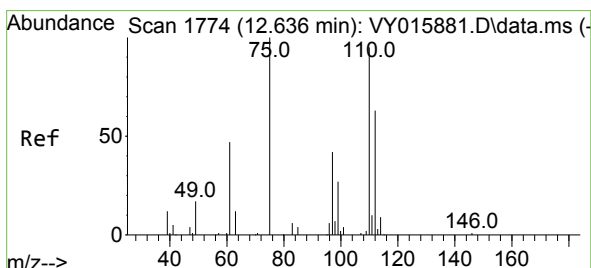
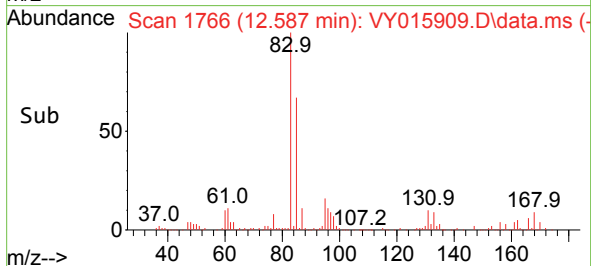
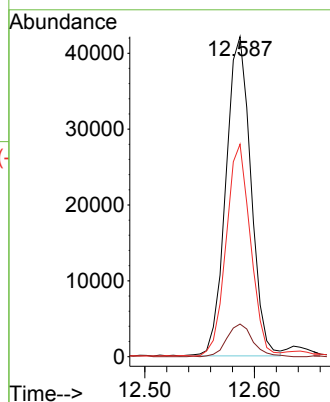
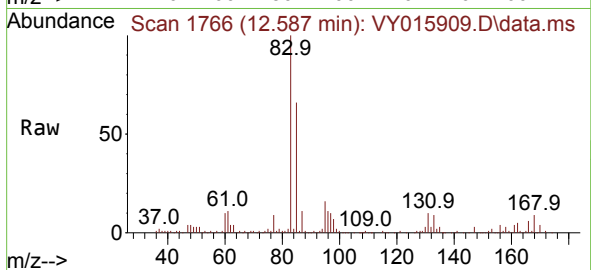
Tgt Ion: 83 Resp: 66699

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 142.256 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015909.D

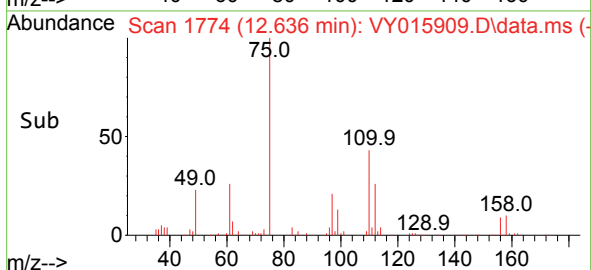
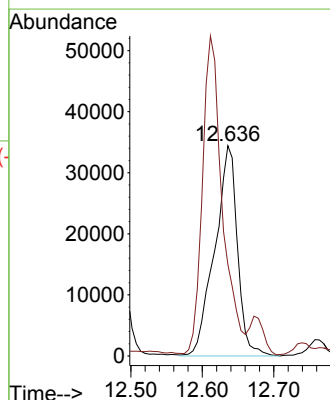
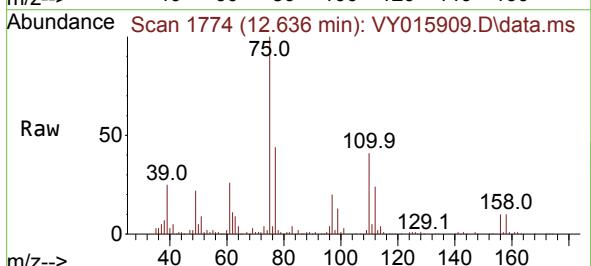
Acq: 10 Oct 2023 19:59

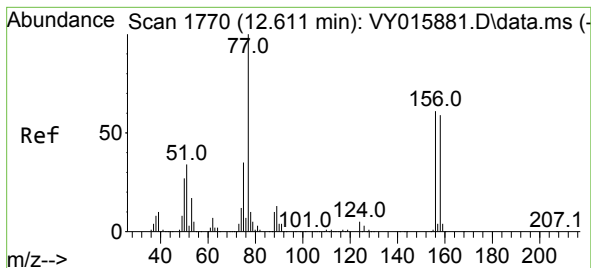
Tgt Ion: 75 Resp: 75977

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 73.100 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015909.D

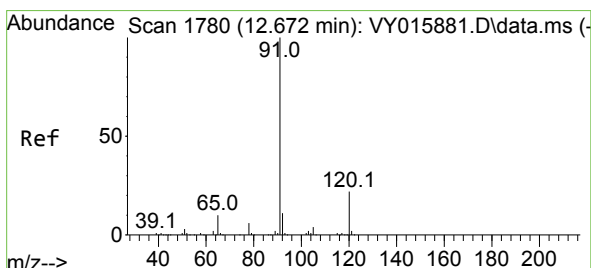
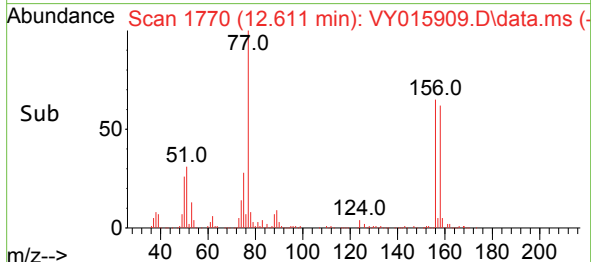
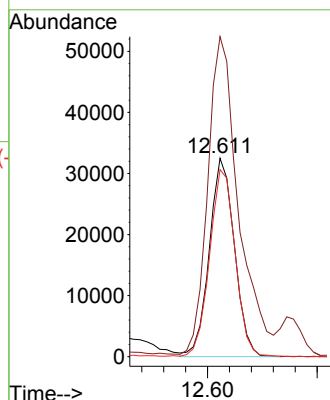
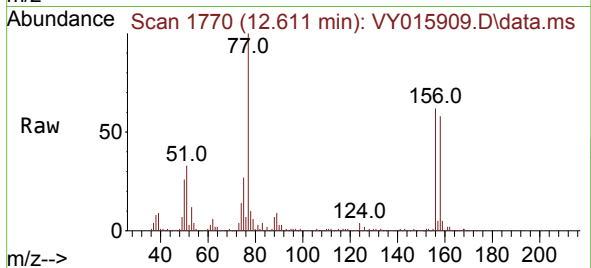
Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	51730
Ion Ratio	Lower	Upper	
156	100		
77	193.9	92.8	278.6
158	96.1	48.4	145.3



#78

n-propylbenzene

Concen: 69.686 ug/l

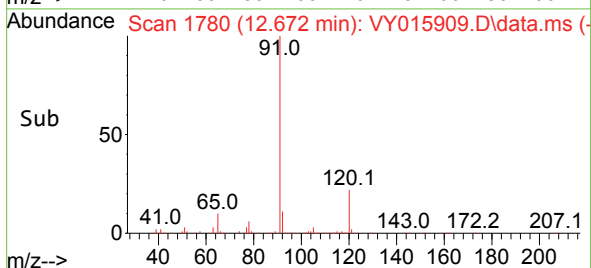
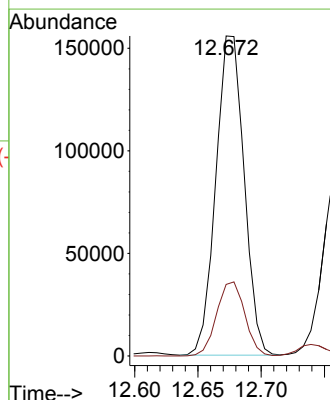
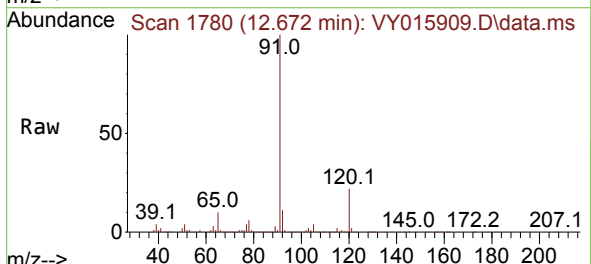
RT: 12.672 min Scan# 1780

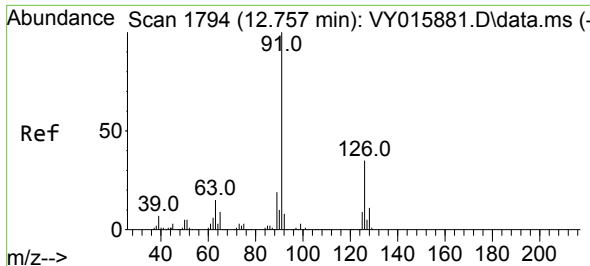
Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Tgt Ion:	91	Resp:	241858
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4

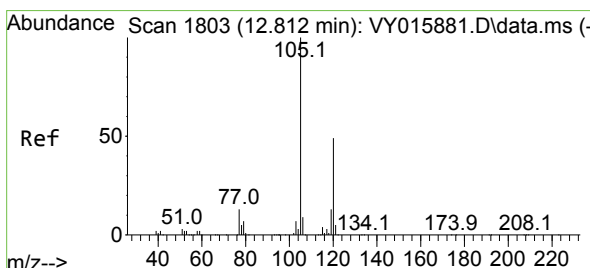
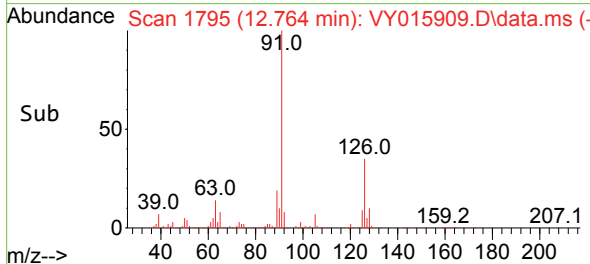
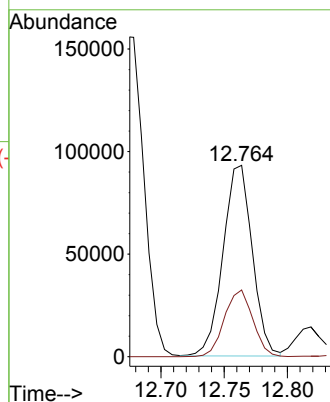
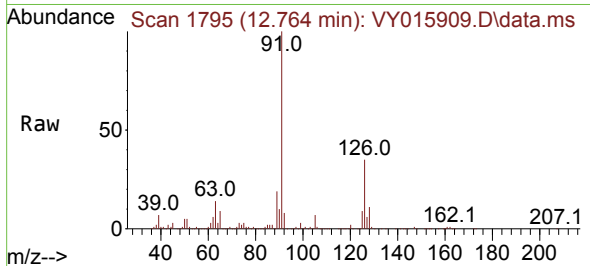




#79
2-Chlorotoluene
Concen: 75.798 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

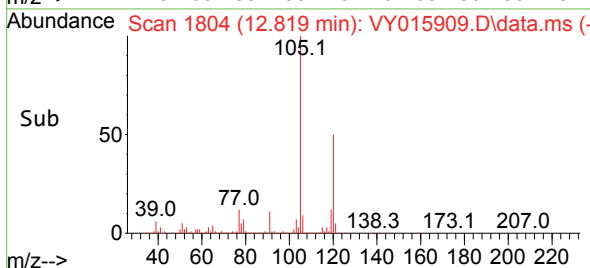
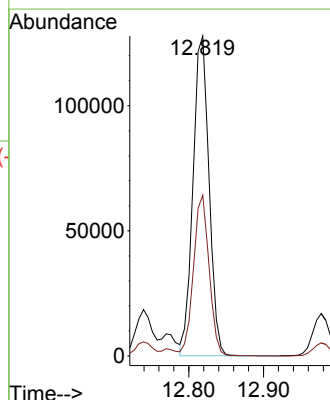
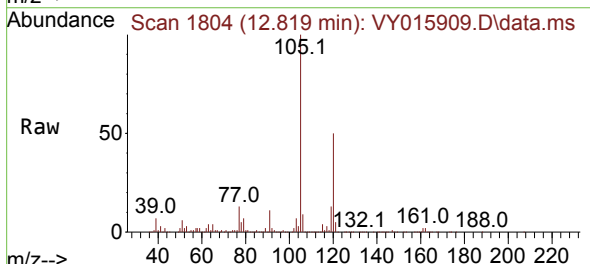
Instrument :
MSVOA_Y
ClientSampleId :

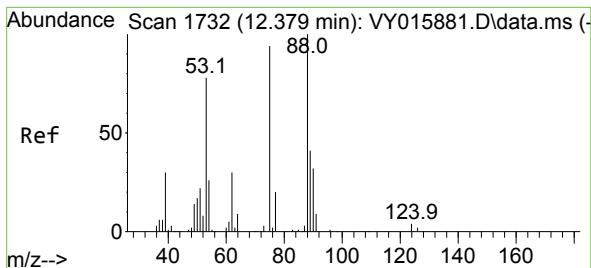
Tgt Ion: 91 Resp: 149852
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 79.987 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 105 Resp: 190260
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

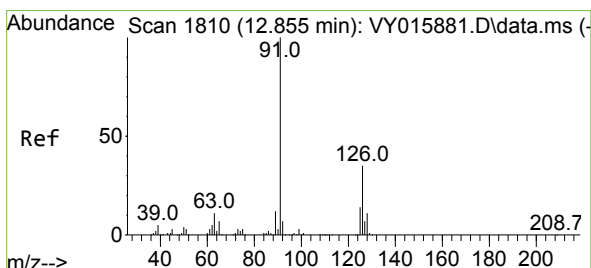
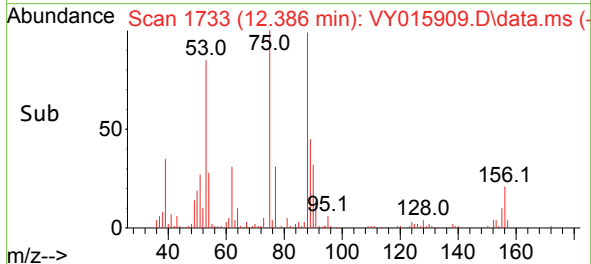
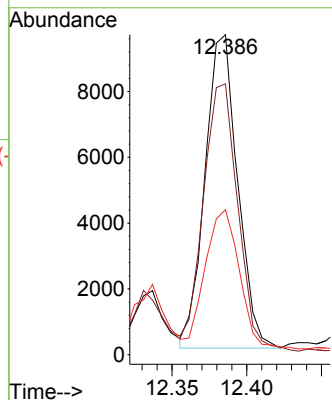
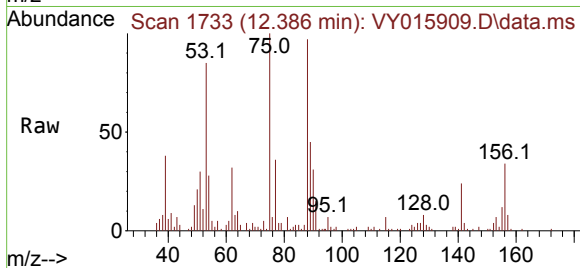




#81
trans-1,4-Dichloro-2-butene
Concen: 60.000 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

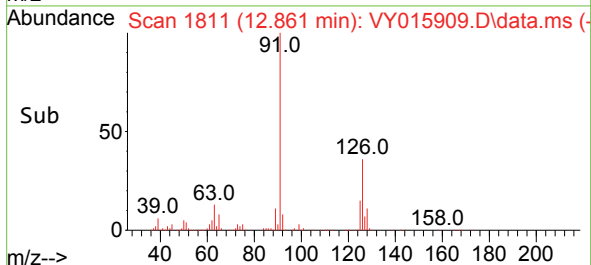
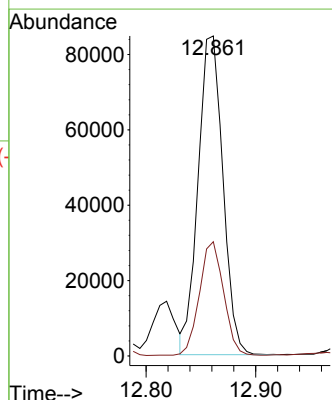
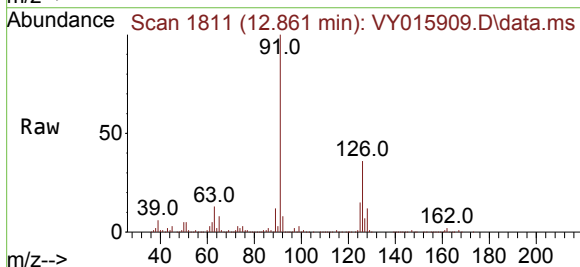
Instrument :
MSVOA_Y
ClientSampleId :

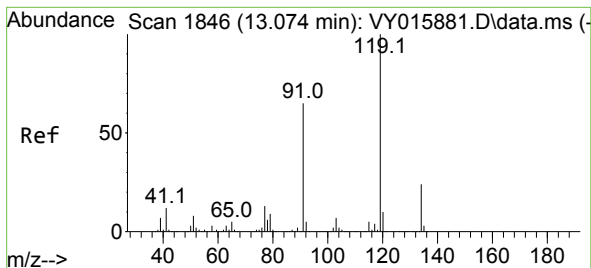
Tgt Ion: 75 Resp: 14451
Ion Ratio Lower Upper
75 100
53 90.6 77.8 116.8
89 48.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 64.557 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion: 91 Resp: 133000
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 65.002 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

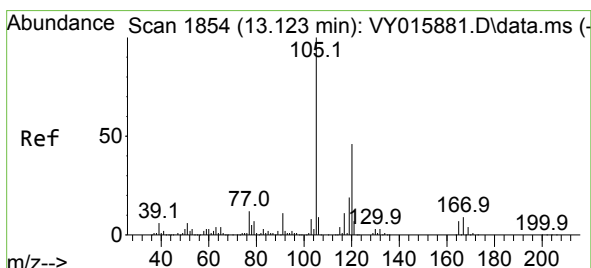
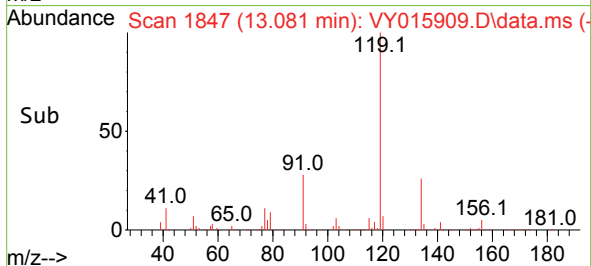
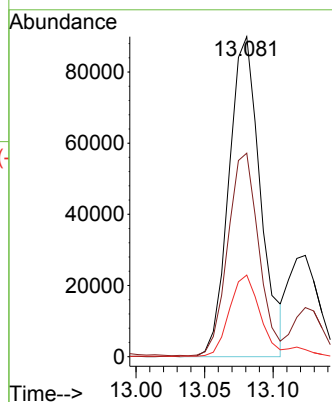
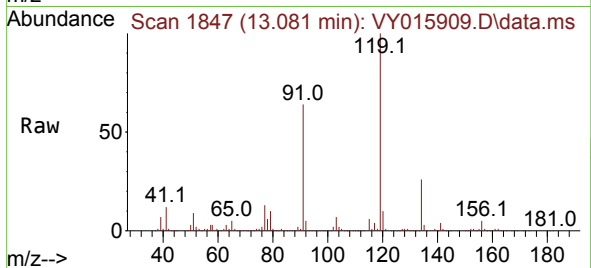
Tgt Ion:119 Resp: 144298

Ion Ratio Lower Upper

119 100

91 62.0 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 85.152 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015909.D

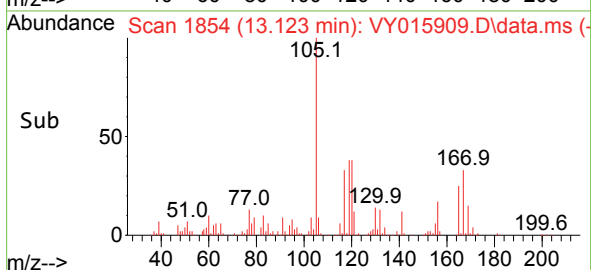
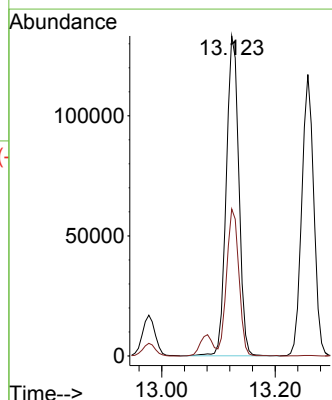
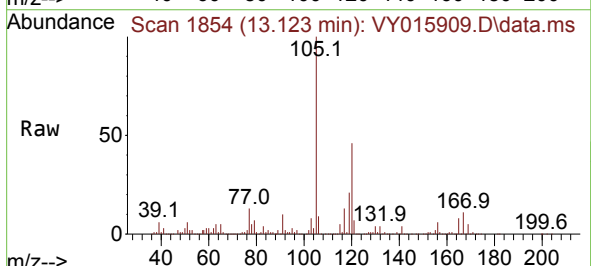
Acq: 10 Oct 2023 19:59

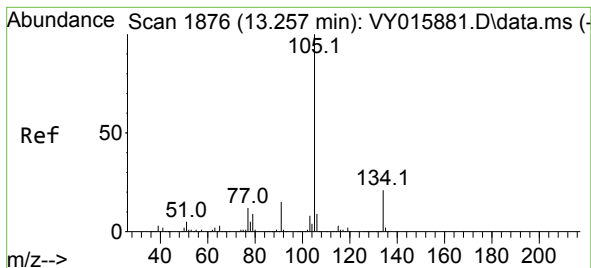
Tgt Ion:105 Resp: 203968

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.635 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

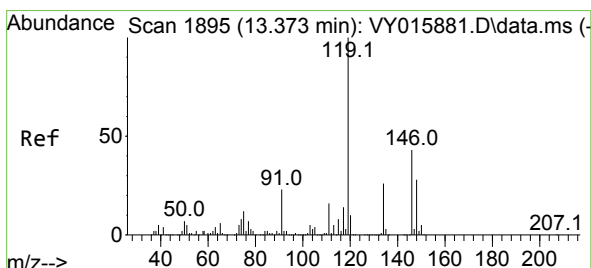
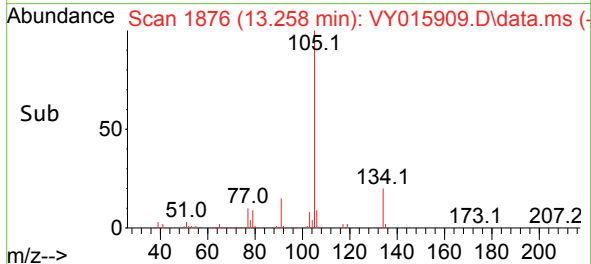
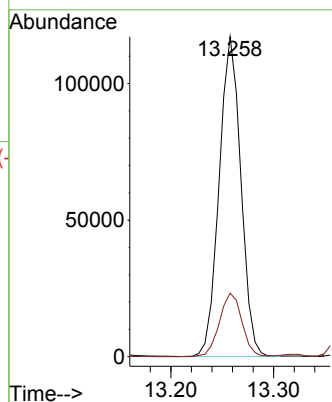
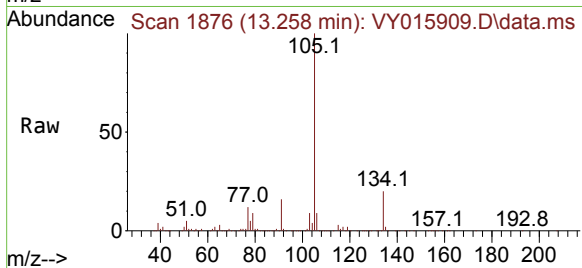
ClientSampleId :

Tgt Ion:105 Resp: 171356

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.422 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

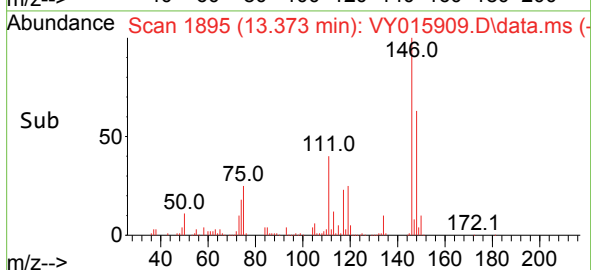
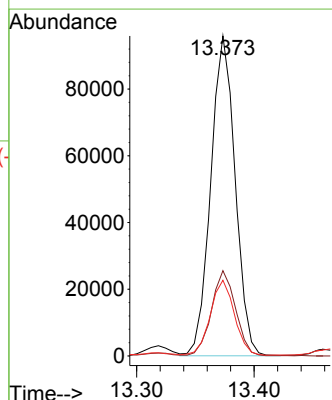
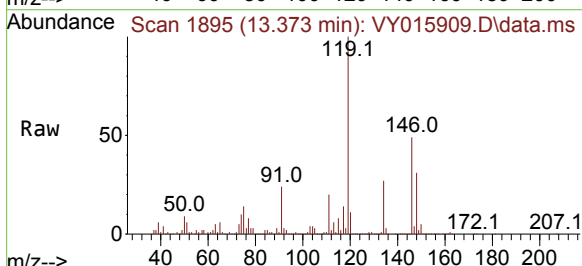
Tgt Ion:119 Resp: 138487

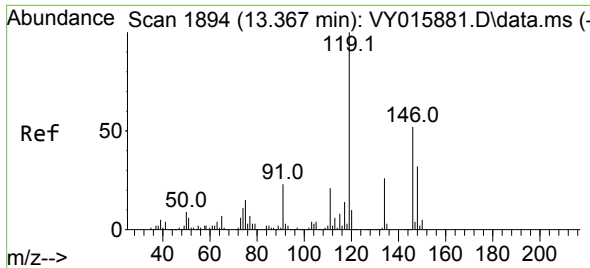
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.9 12.4 37.4

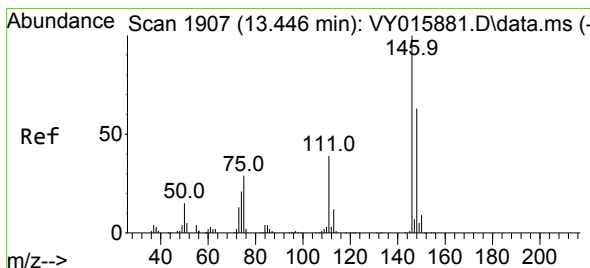
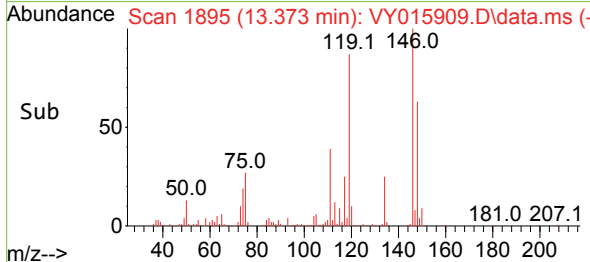
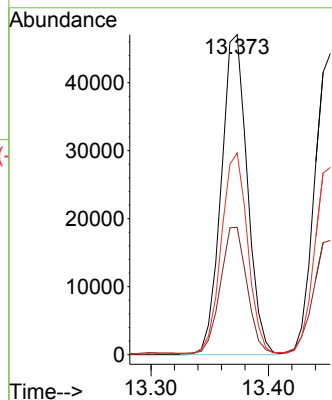
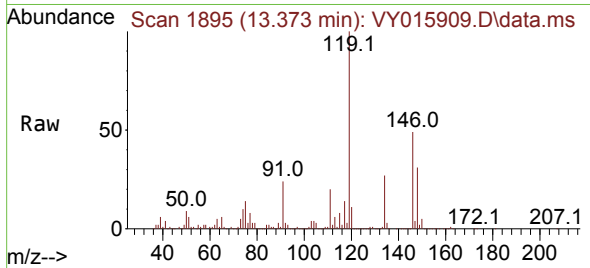




#87
1,3-Dichlorobenzene
Concen: 50.931 ug/l
RT: 13.373 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

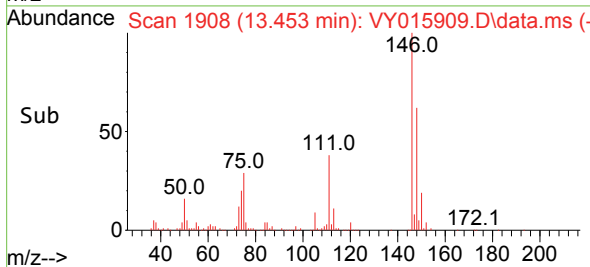
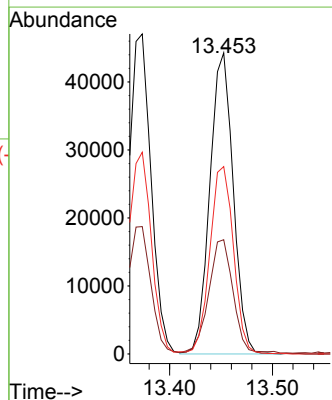
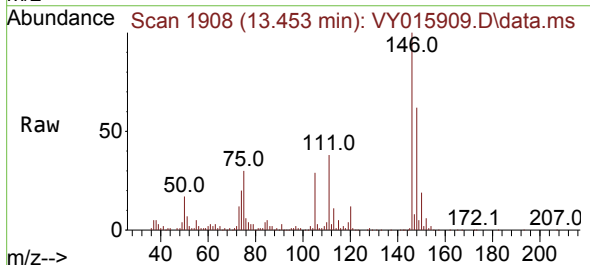
Instrument :
MSVOA_Y
ClientSampleId :

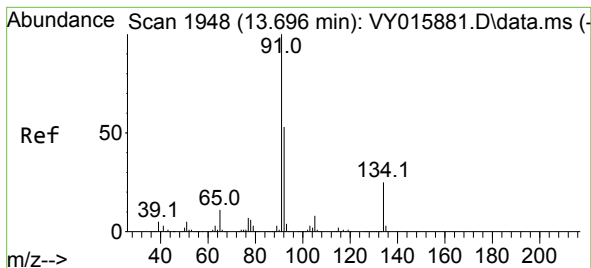
Tgt Ion:146 Resp: 72563
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 63.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.622 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015909.D
Acq: 10 Oct 2023 19:59

Tgt Ion:146 Resp: 69760
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 40.478 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

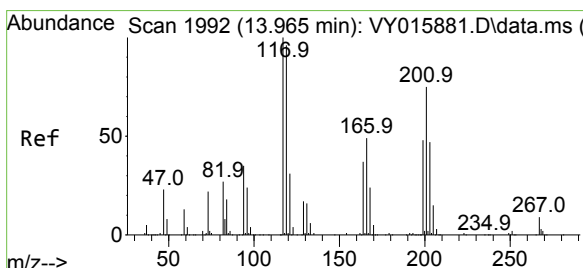
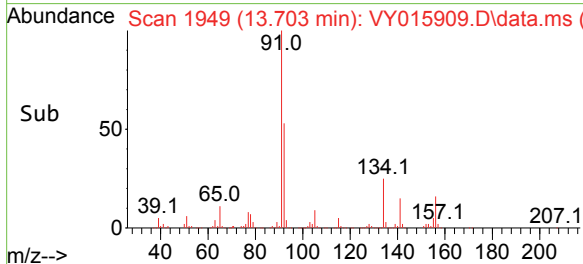
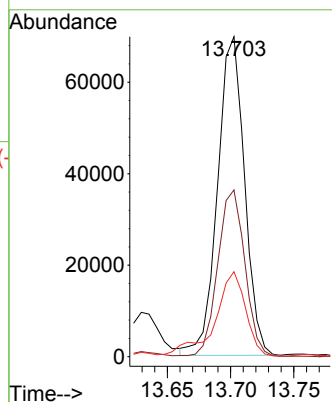
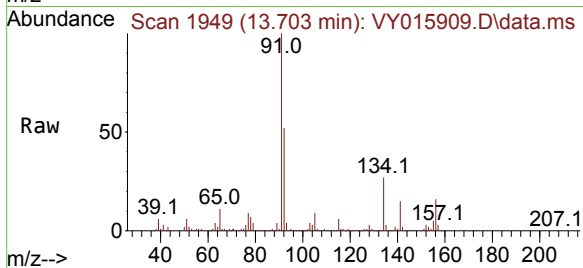
Tgt Ion: 91 Resp: 103160

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

134 30.8 12.6 37.6



#90

Hexachloroethane

Concen: 45.876 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015909.D

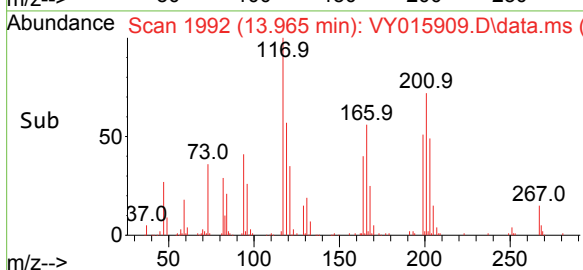
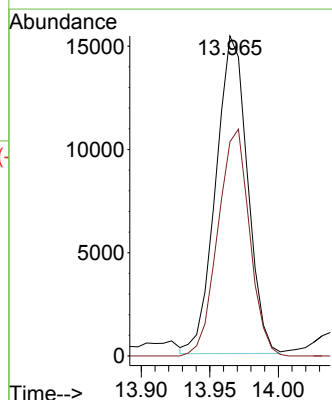
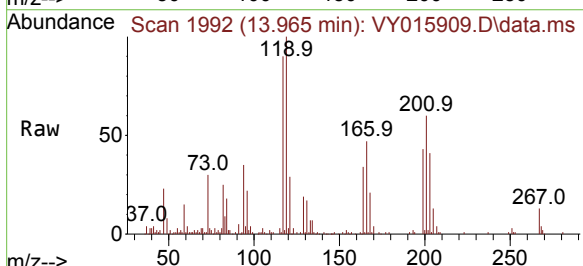
Acq: 10 Oct 2023 19:59

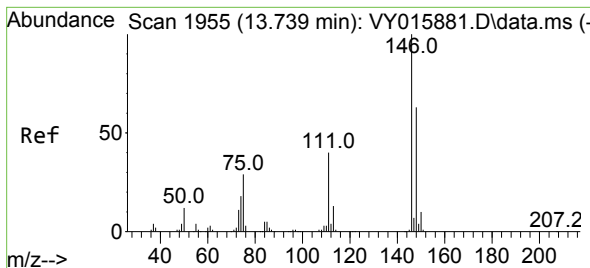
Tgt Ion: 117 Resp: 24795

Ion Ratio Lower Upper

117 100

201 71.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.159 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

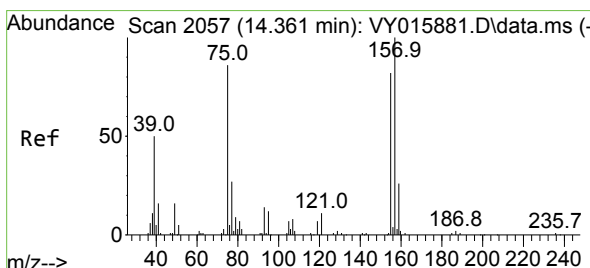
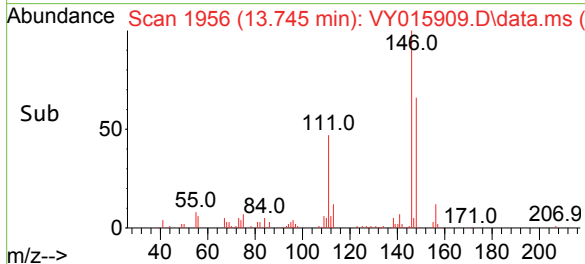
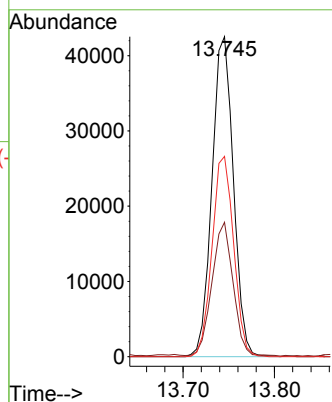
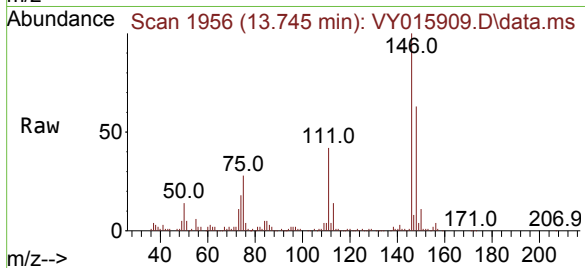
Tgt Ion:146 Resp: 69075

Ion Ratio Lower Upper

146 100

111 41.4 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 66.930 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

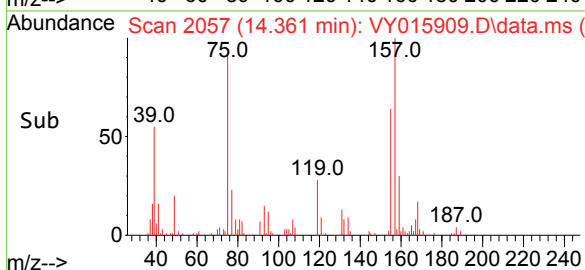
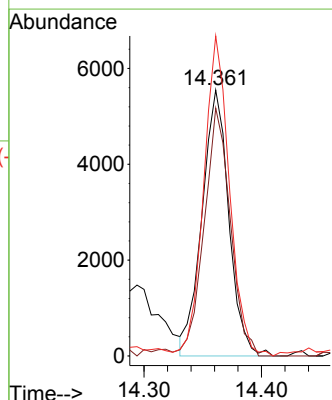
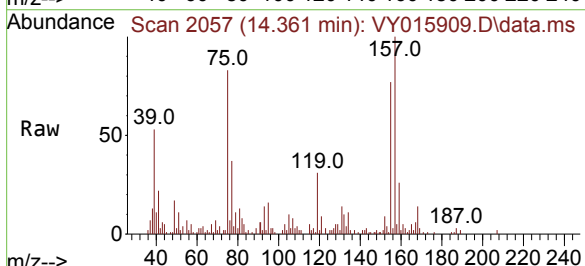
Tgt Ion: 75 Resp: 8796

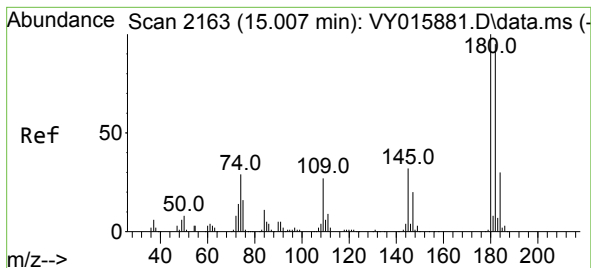
Ion Ratio Lower Upper

75 100

155 93.7 41.5 124.6

157 115.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.652 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

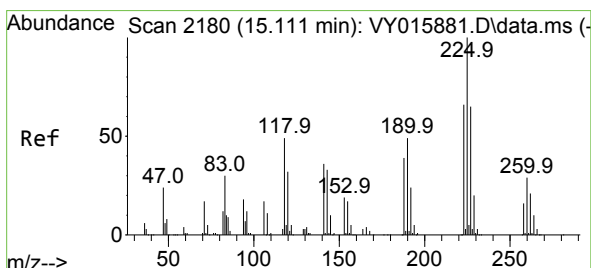
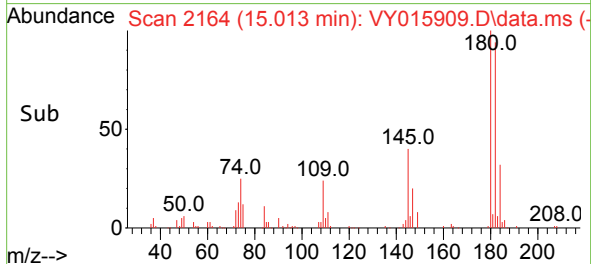
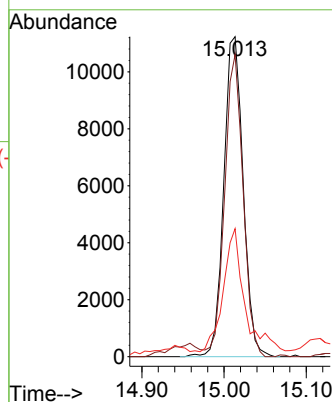
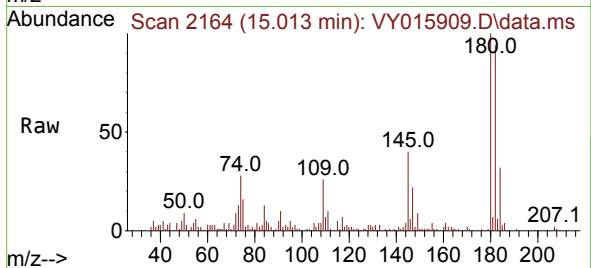
Tgt Ion:180 Resp: 18377

Ion Ratio Lower Upper

180 100

182 89.8 47.0 141.2

145 43.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 15.672 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

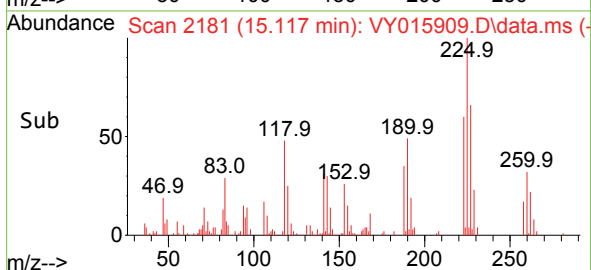
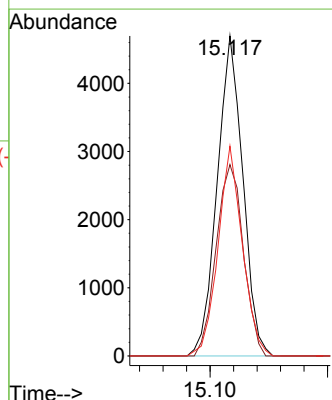
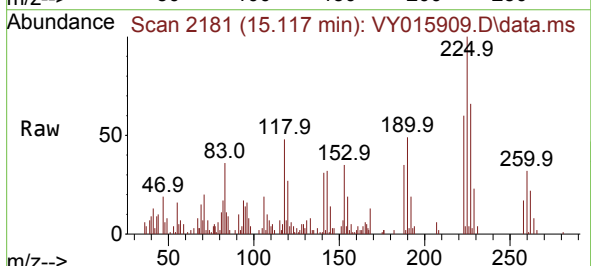
Tgt Ion:225 Resp: 7123

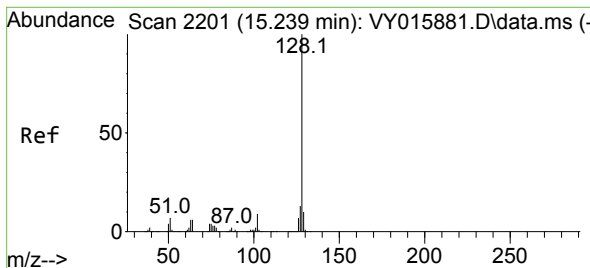
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 62.2 33.0 98.9





#95

Naphthalene

Concen: 359.178 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

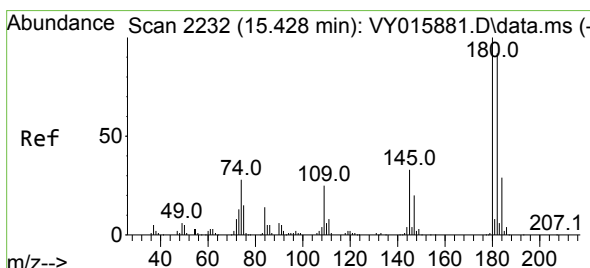
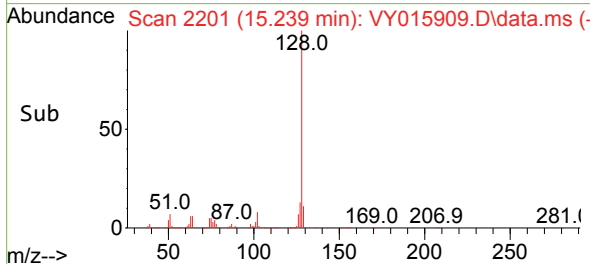
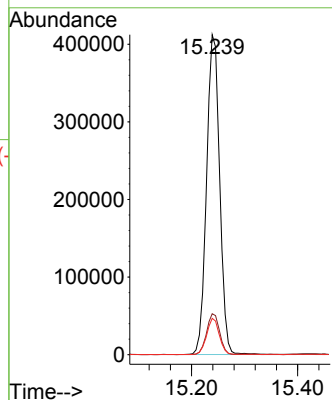
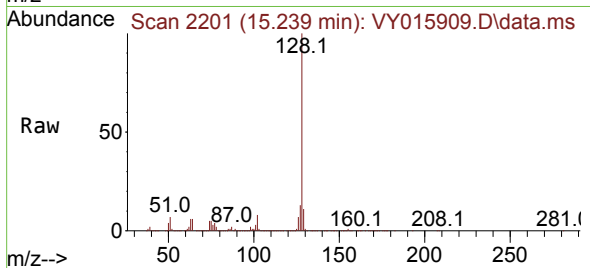
Tgt Ion:128 Resp: 705239

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.913 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015909.D

Acq: 10 Oct 2023 19:59

Tgt Ion:180 Resp: 14279

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 56.9 15.4 46.2#

