

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015851.D
 Acq On : 05 Oct 2023 16:26
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 06:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	208377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	342827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96639	47.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.280%
35) Dibromofluoromethane	7.710	113	92289	47.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.179	98	307256	48.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.477	95	121555	46.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49930	52.104	ug/l	96
3) Chloromethane	2.107	50	58576	55.003	ug/l	98
4) Vinyl Chloride	2.241	62	70434	52.511	ug/l	98
5) Bromomethane	2.644	94	49831	53.071	ug/l	96
6) Chloroethane	2.778	64	50573	52.787	ug/l	98
7) Trichlorofluoromethane	3.113	101	130756	50.245	ug/l	97
8) Diethyl Ether	3.521	74	57011	50.248	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	84123	49.594	ug/l	96
10) Methyl Iodide	4.076	142	84246	52.080	ug/l	96
11) Tert butyl alcohol	4.979	59	106897	245.574	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	69913	51.538	ug/l	91
13) Acrolein	3.729	56	38458	243.155	ug/l	98
14) Allyl chloride	4.466	41	129717	50.721	ug/l	93
15) Acrylonitrile	5.155	53	206320	233.118	ug/l	98
16) Acetone	3.954	43	231175	217.653	ug/l	91
17) Carbon Disulfide	4.180	76	118709	53.896	ug/l	98
18) Methyl Acetate	4.473	43	171073	49.489	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	319379	49.811	ug/l	99
20) Methylene Chloride	4.704	84	120386	53.619	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	82790	52.983	ug/l	94
22) Diisopropyl ether	6.112	45	328150	49.413	ug/l	90
23) Vinyl Acetate	6.051	43	981406	244.160	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	174707	49.541	ug/l	97
25) 2-Butanone	6.984	43	321366	219.962	ug/l	95
26) 2,2-Dichloropropane	6.972	77	160647	49.021	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	113786	50.375	ug/l	94
28) Bromochloromethane	7.326	49	100448	48.706	ug/l	92
29) Tetrahydrofuran	7.344	42	192269	235.849	ug/l	93
30) Chloroform	7.496	83	194182	49.223	ug/l	98
31) Cyclohexane	7.777	56	112984	48.893	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	159506	49.459	ug/l	98
36) 1,1-Dichloropropene	7.911	75	119544	51.277	ug/l	99
37) Ethyl Acetate	7.070	43	126038	48.311	ug/l	96
38) Carbon Tetrachloride	7.893	117	137965	50.330	ug/l	95
39) Methylcyclohexane	9.179	83	131053	52.562	ug/l	93
40) Benzene	8.155	78	371837	50.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	58487	46.828	ug/l	95
42) 1,2-Dichloroethane	8.234	62	130076	49.384	ug/l	94
43) Isopropyl Acetate	8.271	43	213027	47.440	ug/l	96
44) Trichloroethene	8.935	130	106538	49.762	ug/l	100
45) 1,2-Dichloropropane	9.209	63	107843	49.840	ug/l	96
46) Dibromomethane	9.301	93	69392	50.162	ug/l	95
47) Bromodichloromethane	9.490	83	158608	49.395	ug/l	98
48) Methyl methacrylate	9.289	41	93846	47.851	ug/l	88
49) 1,4-Dioxane	9.313	88	29724	959.225	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	662568	235.862	ug/l	92
52) Toluene	10.240	92	246555	51.512	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	168500	50.011	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	181866	50.847	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	104230	47.960	ug/l	97
56) Ethyl methacrylate	10.508	69	156573	49.689	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	171527	49.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	466481	254.067	ug/l	95
59) 2-Hexanone	10.831	43	506958	232.569	ug/l	90
60) Dibromochloromethane	10.984	129	123325	49.130	ug/l	98
61) 1,2-Dibromoethane	11.087	107	100413	49.441	ug/l	100
64) Tetrachloroethene	10.715	164	111392	50.321	ug/l	98
65) Chlorobenzene	11.514	112	287209	49.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	117825	49.203	ug/l	98
67) Ethyl Benzene	11.593	91	497118	49.869	ug/l	98
68) m/p-Xylenes	11.703	106	379676	100.195	ug/l	96
69) o-Xylene	12.026	106	188784	50.087	ug/l	97
70) Styrene	12.044	104	331814	50.428	ug/l	96
71) Bromoform	12.209	173	86736	48.575	ug/l #	99
73) Isopropylbenzene	12.331	105	507771	49.073	ug/l	100
74) N-amyl acetate	12.142	43	190153	47.557	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	144539	47.289	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	185153	78.302	ug/l #	100
77) Bromobenzene	12.605	156	125629	49.078	ug/l	94
78) n-propylbenzene	12.672	91	614217	49.558	ug/l	99
79) 2-Chlorotoluene	12.758	91	351257	49.214	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	426815	49.495	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	48753	47.728	ug/l	92
82) 4-Chlorotoluene	12.855	91	366246	49.028	ug/l	100
83) tert-Butylbenzene	13.075	119	386156	48.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	427391	49.334	ug/l	99
85) sec-Butylbenzene	13.251	105	566719	49.005	ug/l	100
86) p-Isopropyltoluene	13.367	119	473897	49.208	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	247587	48.308	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	248283	47.913	ug/l	100
89) n-Butylbenzene	13.696	91	449027	49.000	ug/l	97
90) Hexachloroethane	13.959	117	92180	49.038	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	232991	48.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27657	45.094	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	146923	46.767	ug/l	99
94) Hexachlorobutadiene	15.111	225	75681	46.233	ug/l	99
95) Naphthalene	15.233	128	384723	45.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	134905	45.831	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration

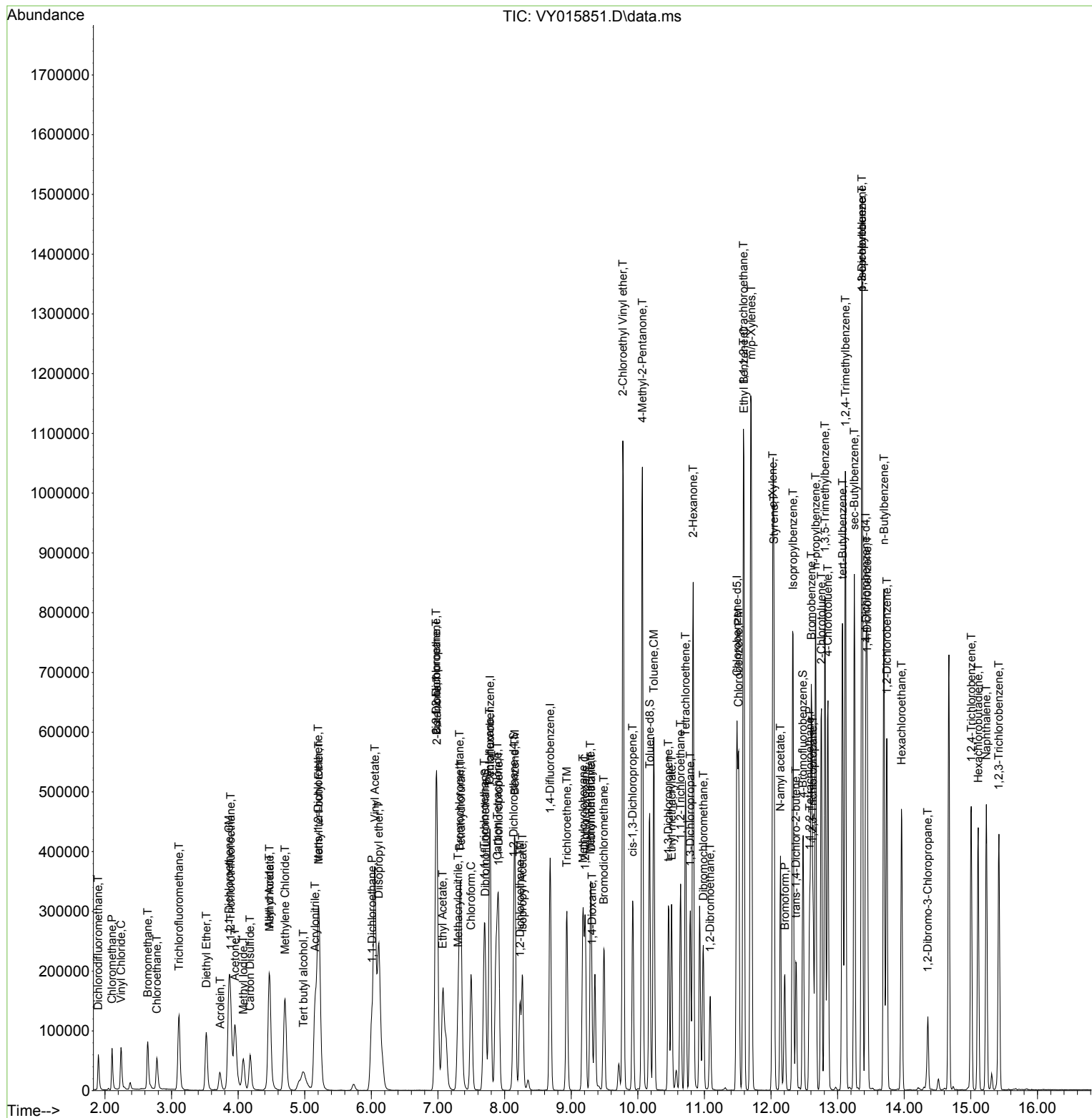
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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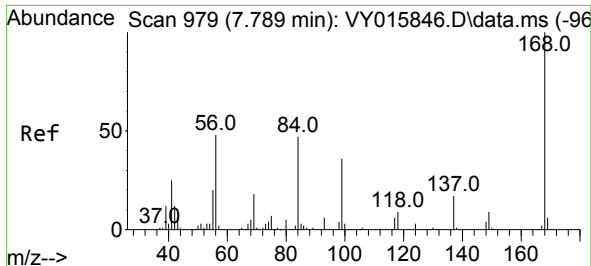
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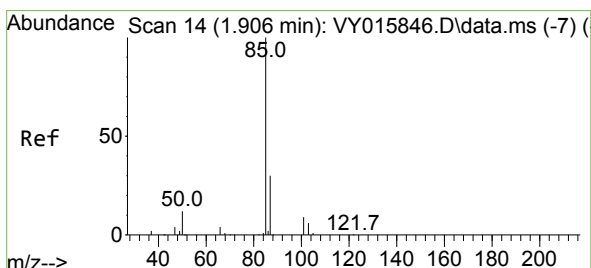
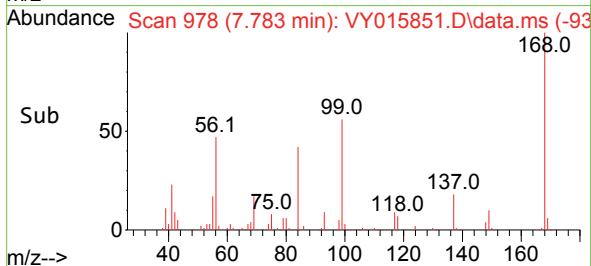
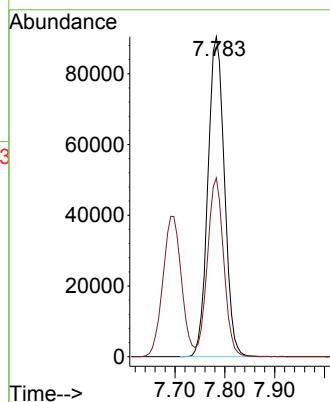
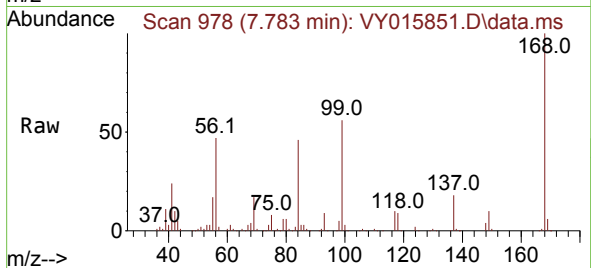




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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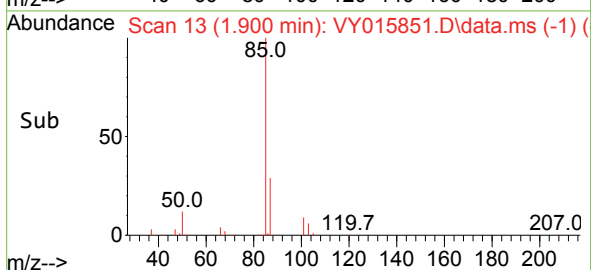
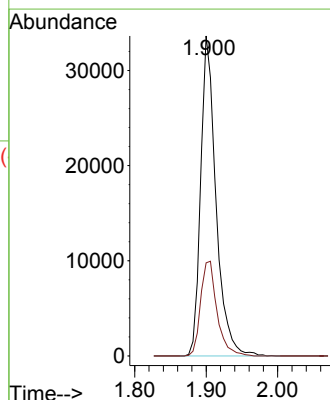
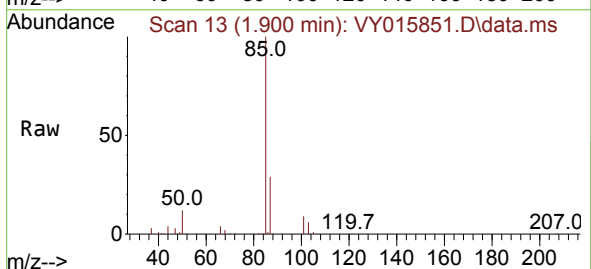
Instrument :
MSVOA_Y
ClientSampleId :

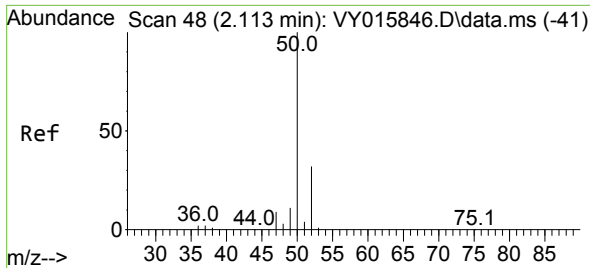
Tgt Ion:168 Resp: 208377
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 52.104 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 85 Resp: 49930
Ion Ratio Lower Upper
85 100
87 29.1 15.6 46.8

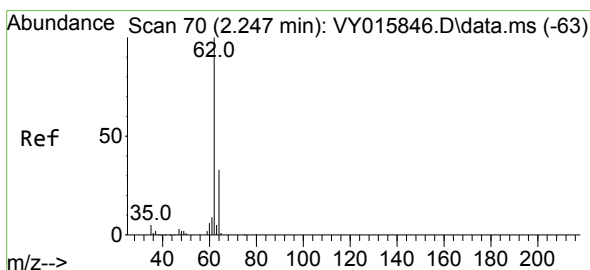
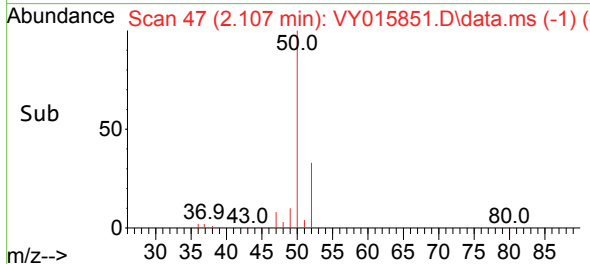
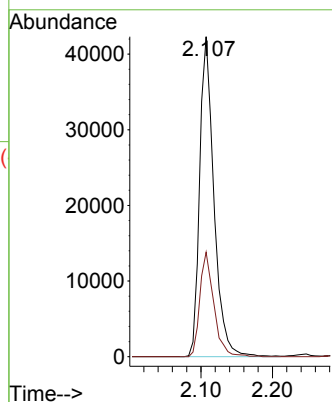
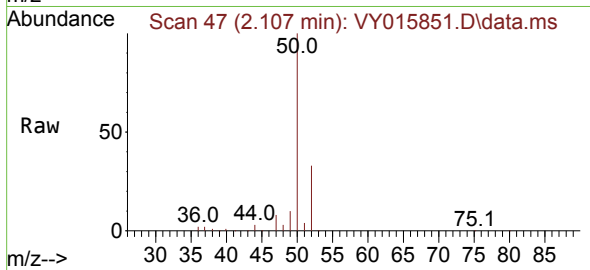




#3
Chloromethane
Concen: 55.003 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

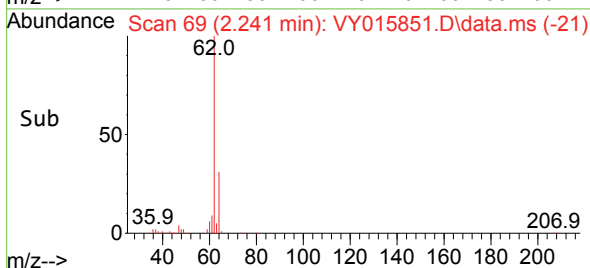
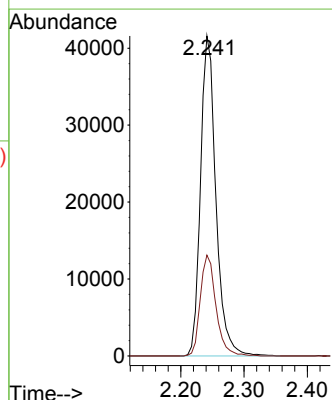
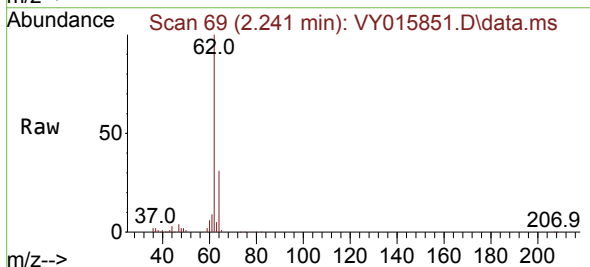
Instrument :
MSVOA_Y
ClientSampleId :

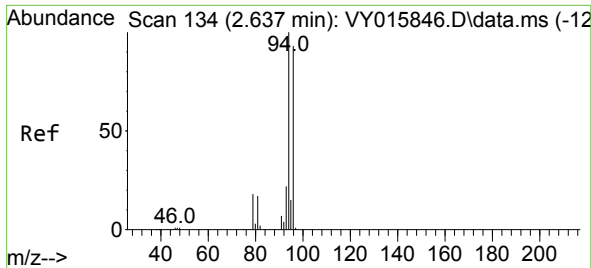
Tgt Ion: 50 Resp: 58576
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 52.511 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 62 Resp: 70434
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5





#5

Bromomethane

Concen: 53.071 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

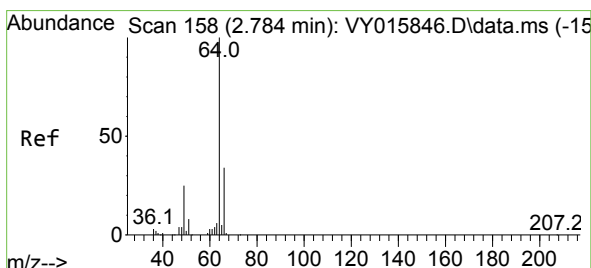
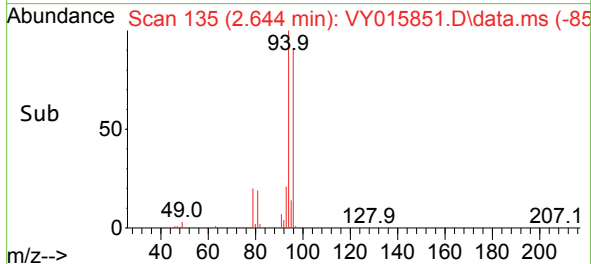
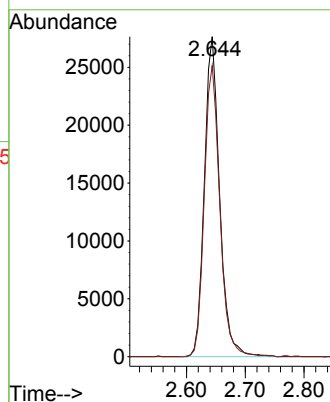
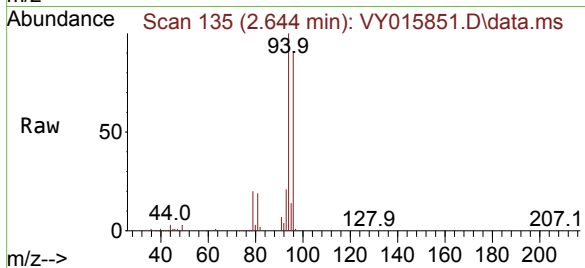
ClientSampleId :

Tgt Ion: 94 Resp: 49831

Ion Ratio Lower Upper

94 100

96 91.0 75.8 113.6



#6

Chloroethane

Concen: 52.787 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015851.D

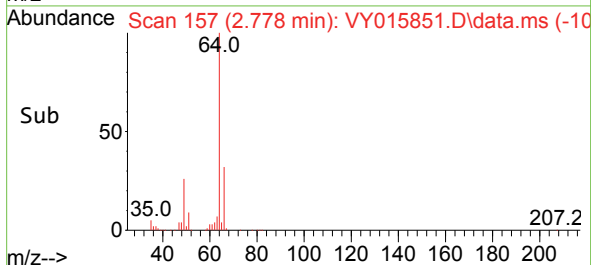
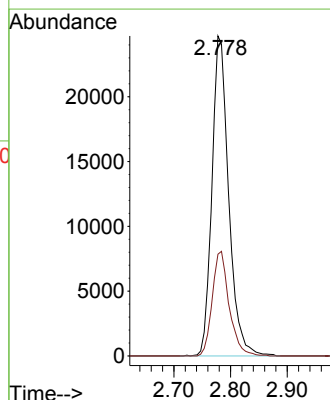
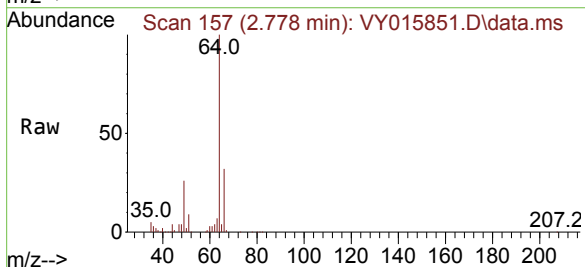
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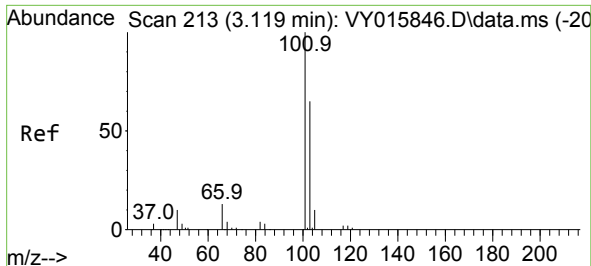
Tgt Ion: 64 Resp: 50573

Ion Ratio Lower Upper

64 100

66 31.8 24.4 36.6

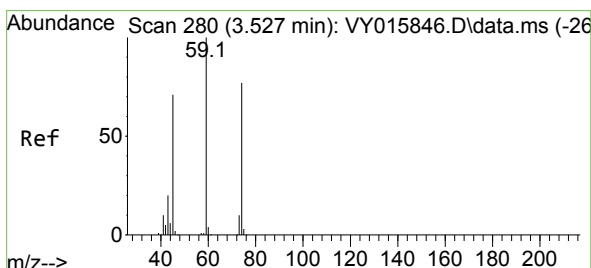
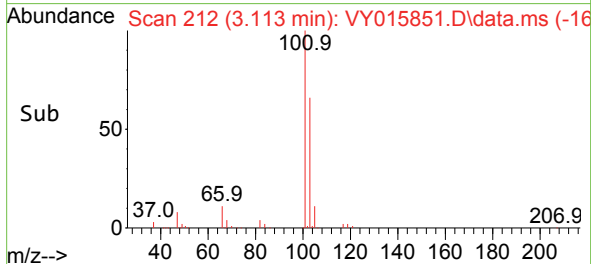
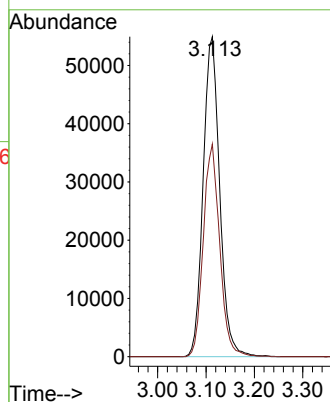
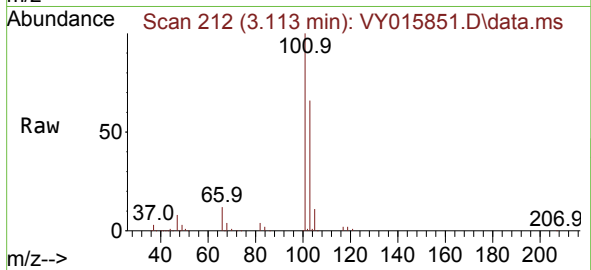




#7
 Trichlorofluoromethane
 Concen: 50.245 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

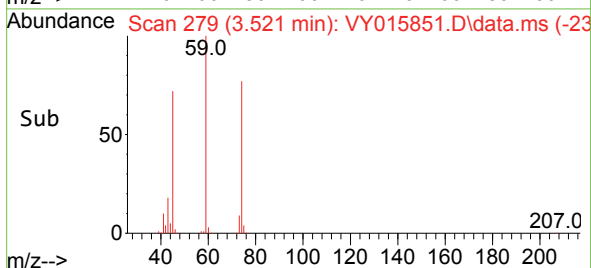
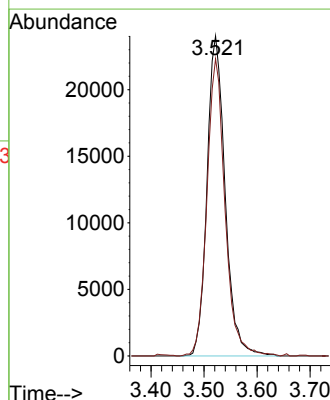
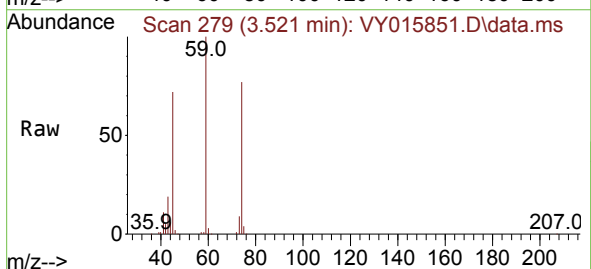
Instrument :
 MSVOA_Y
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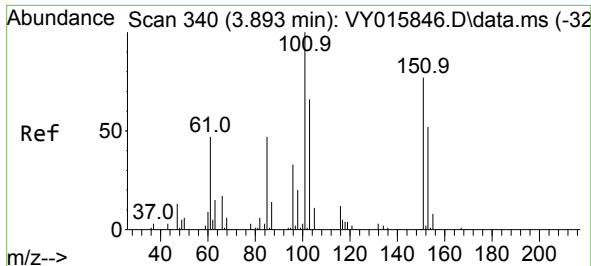
Tgt Ion:101 Resp: 130756
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.248 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY015851.D
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Tgt Ion: 74 Resp: 57011
 Ion Ratio Lower Upper
 74 100
 45 93.0 51.5 154.5

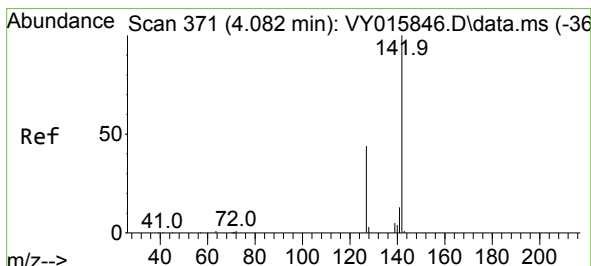
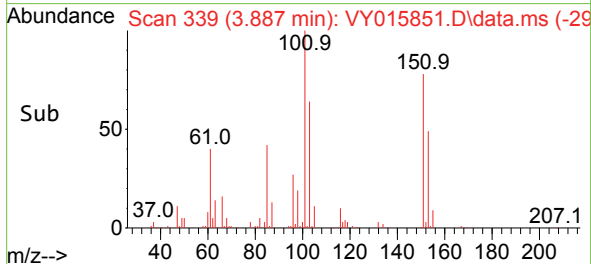
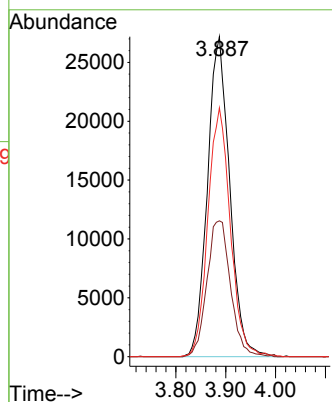
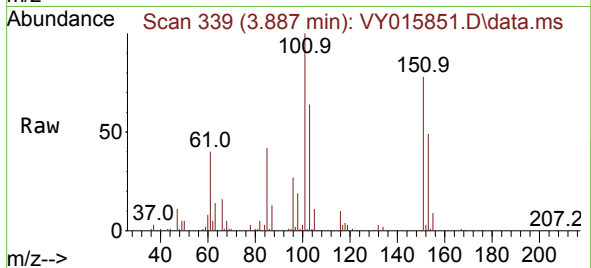




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.594 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

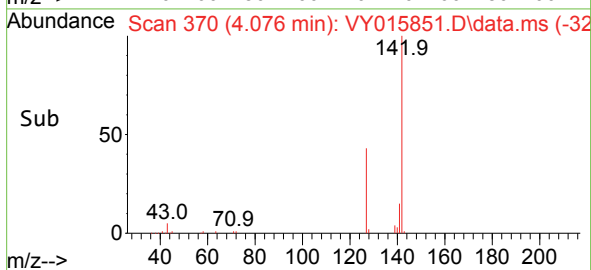
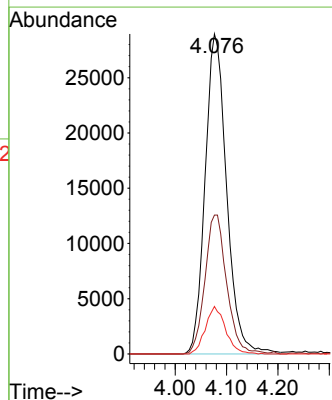
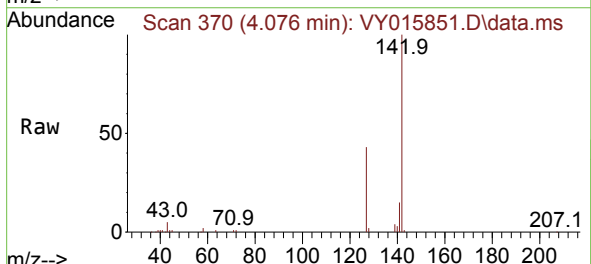
Instrument :
MSVOA_Y
ClientSampleId :

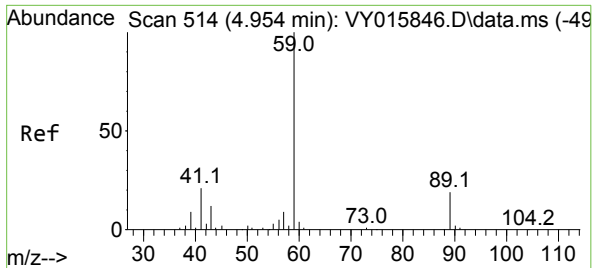
Tgt Ion:101 Resp: 84123
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 52.080 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion:142 Resp: 84246
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 13.9 11.8 17.8

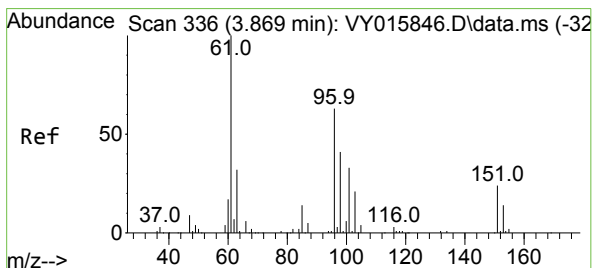
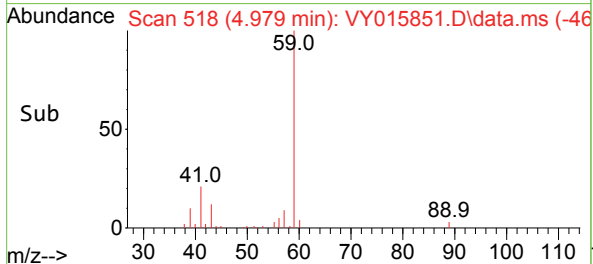
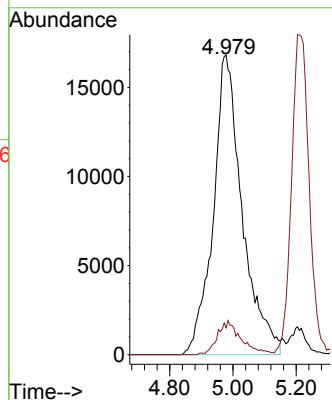
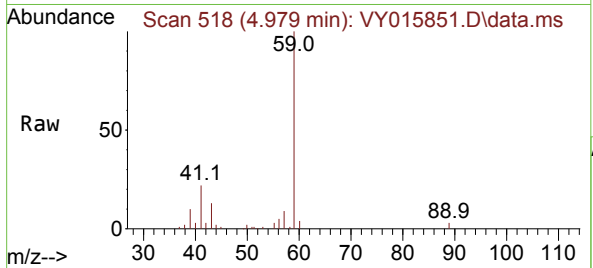




#11
Tert butyl alcohol
Concen: 245.574 ug/l
RT: 4.979 min Scan# 514
Delta R.T. 0.025 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

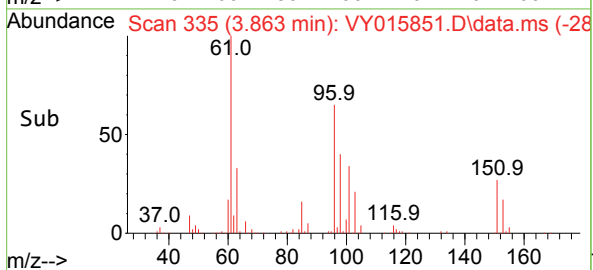
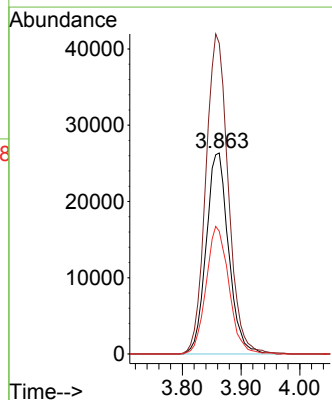
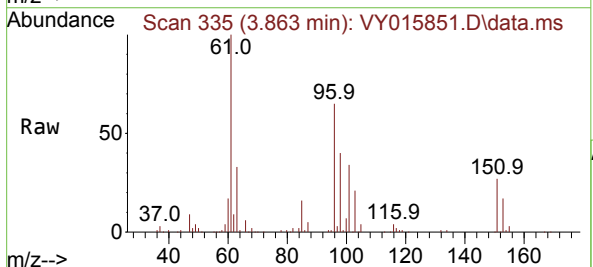
Instrument :
MSVOA_Y
ClientSampleId :

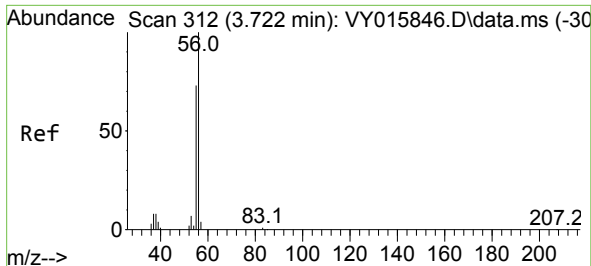
Tgt Ion: 59 Resp: 106897
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.538 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 96 Resp: 69913
Ion Ratio Lower Upper
96 100
61 154.6 136.4 204.6
98 61.1 49.4 74.2

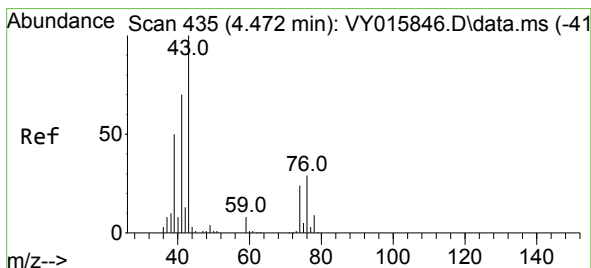
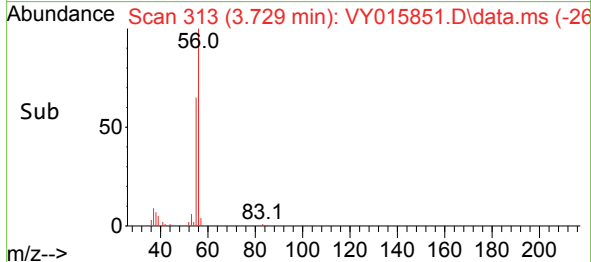
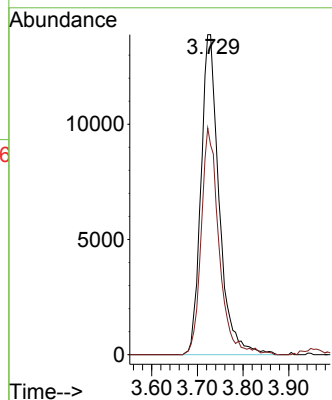
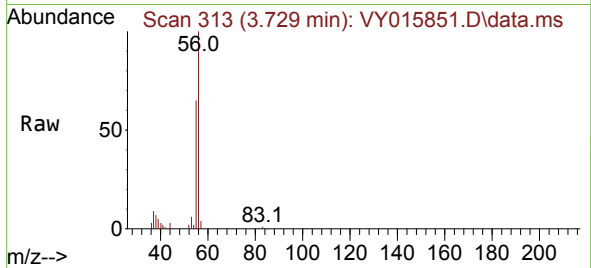




#13
Acrolein
Concen: 243.155 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

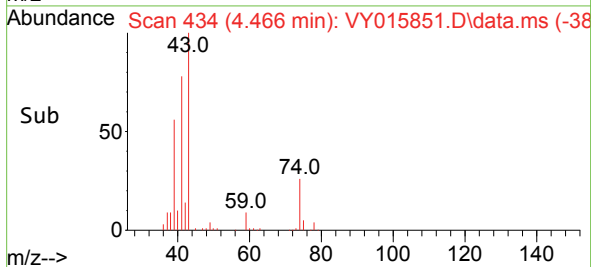
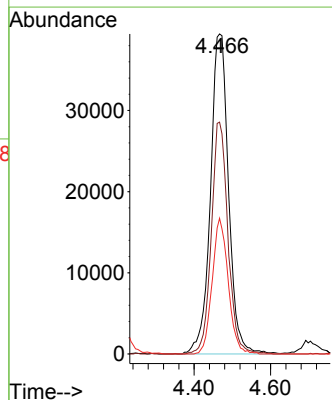
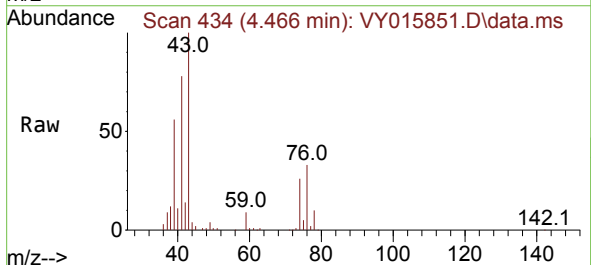
Instrument :
MSVOA_Y
ClientSampleId :

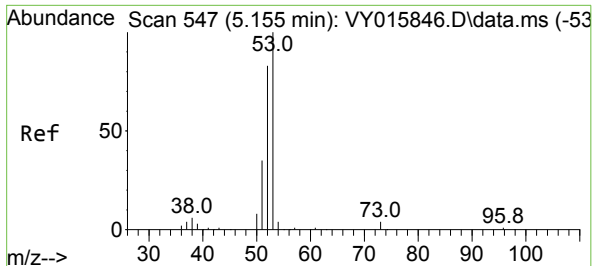
Tgt Ion: 56 Resp: 38458
Ion Ratio Lower Upper
56 100
55 69.2 57.0 85.4



#14
Allyl chloride
Concen: 50.721 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 41 Resp: 129717
Ion Ratio Lower Upper
41 100
39 66.4 58.0 87.0
76 37.5 27.4 41.2





#15

Acrylonitrile

Concen: 233.118 ug/l

RT: 5.155 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

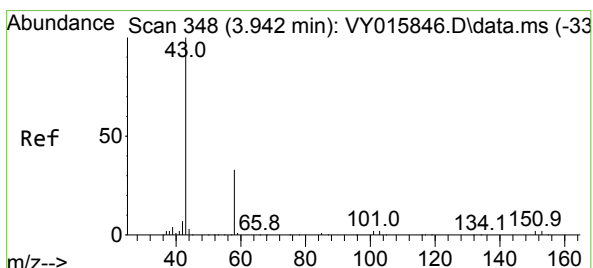
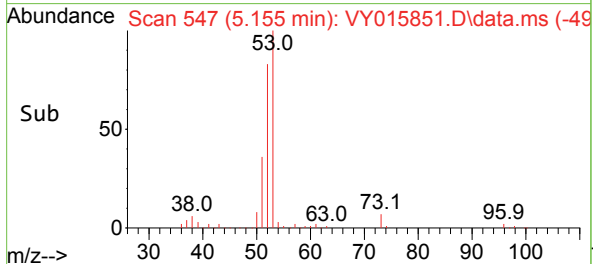
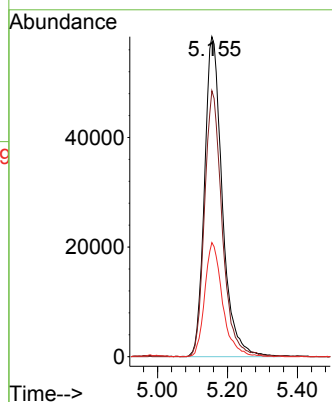
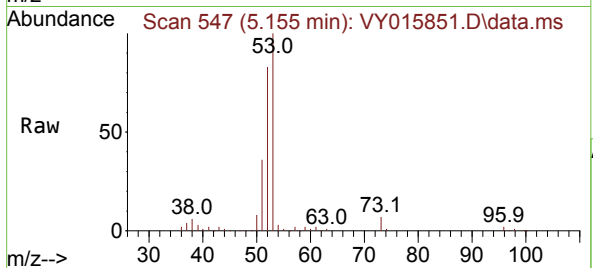
Tgt Ion: 53 Resp: 206320

Ion Ratio Lower Upper

53 100

52 82.3 66.9 100.3

51 35.8 29.8 44.6



#16

Acetone

Concen: 217.653 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015851.D

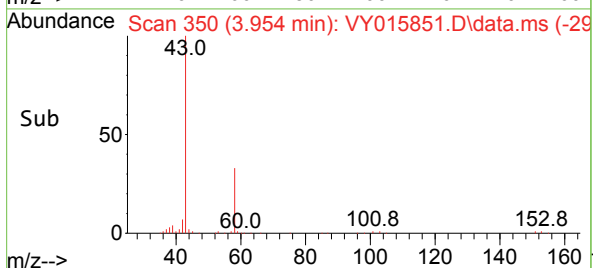
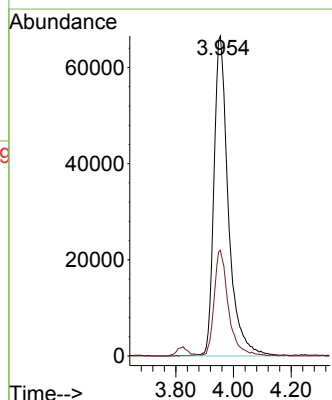
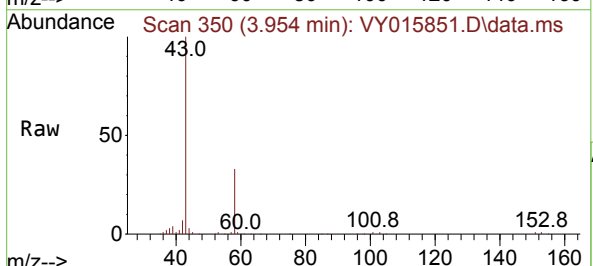
Acq: 05 Oct 2023 16:26

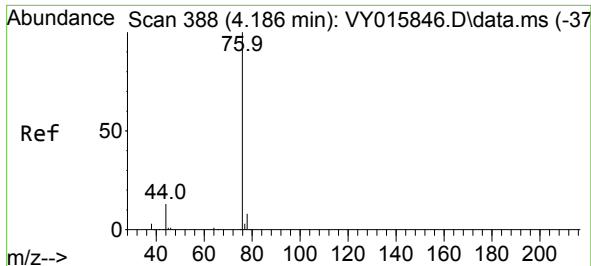
Tgt Ion: 43 Resp: 231175

Ion Ratio Lower Upper

43 100

58 32.9 22.7 34.1

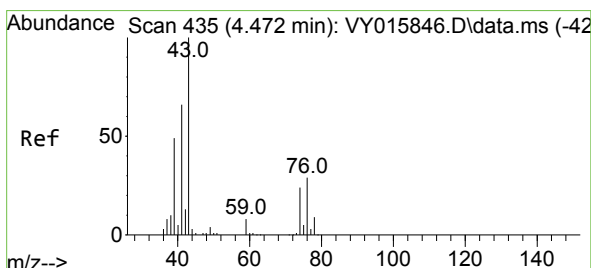
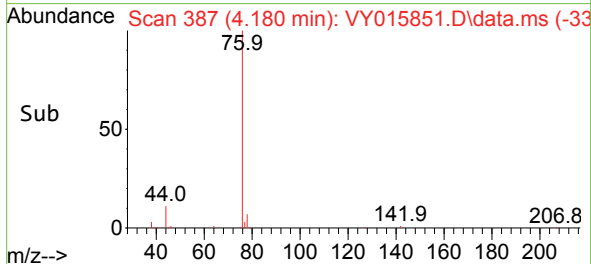
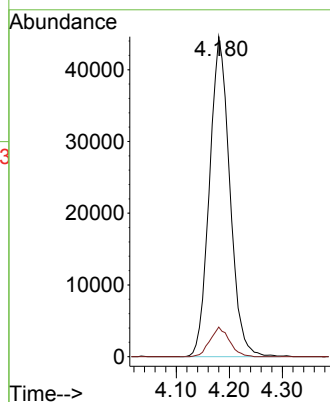
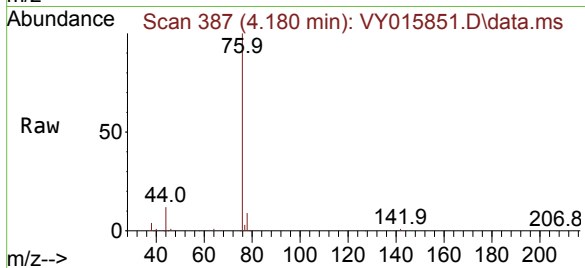




#17
Carbon Disulfide
Concen: 53.896 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

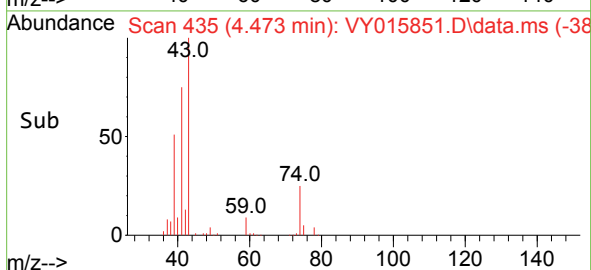
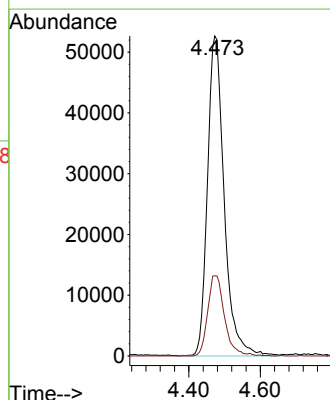
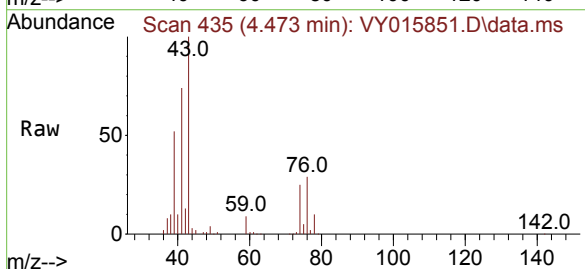
Instrument :
MSVOA_Y
ClientSampleId :

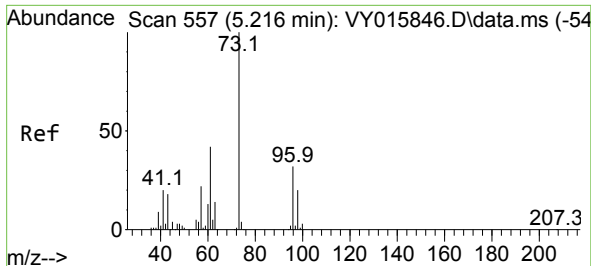
Tgt Ion: 76 Resp: 118709
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 49.489 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

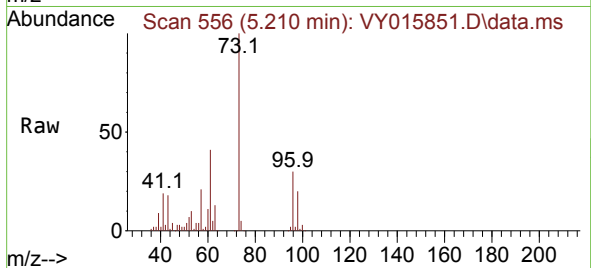
Tgt Ion: 43 Resp: 171073
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0



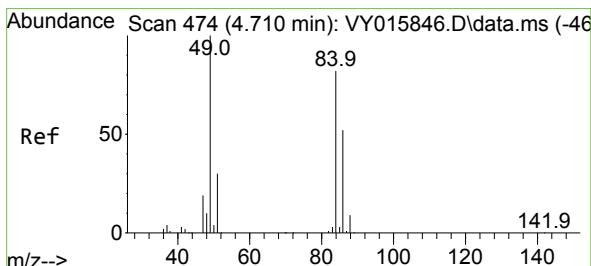
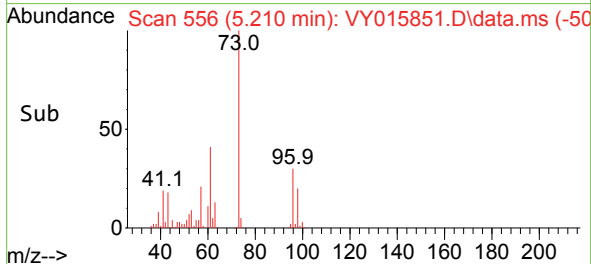
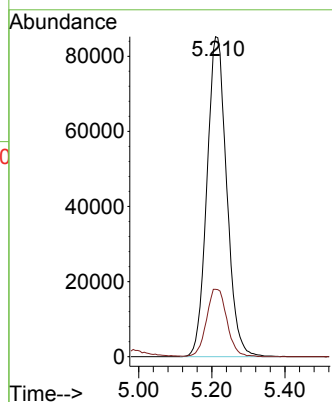


#19
Methyl tert-butyl Ether
Concen: 49.811 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

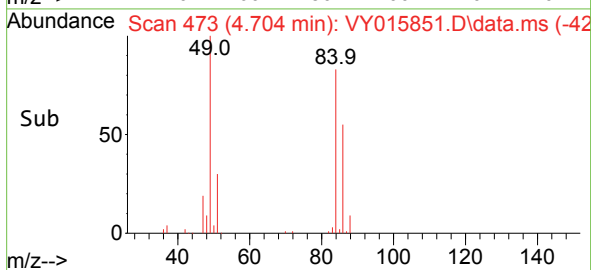
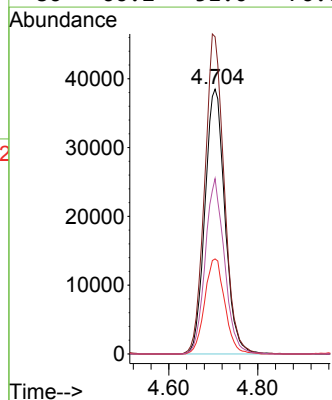
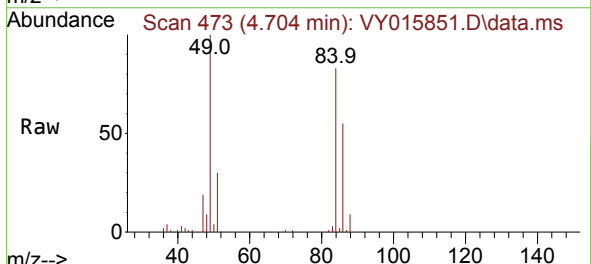


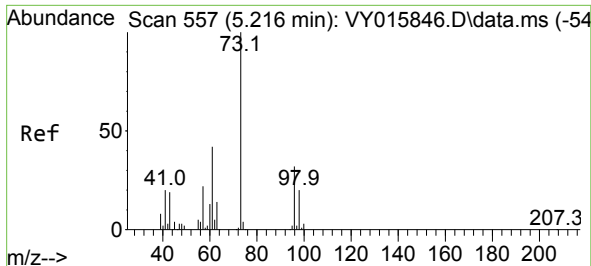
Tgt Ion: 73 Resp: 319379
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 53.619 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

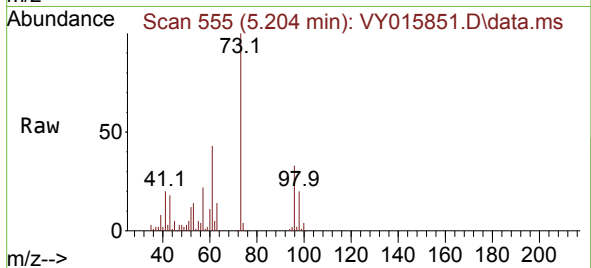
Tgt Ion: 84 Resp: 120386
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 35.9 33.2 49.8
86 66.2 51.0 76.6



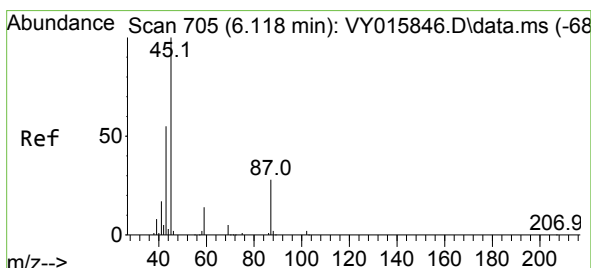
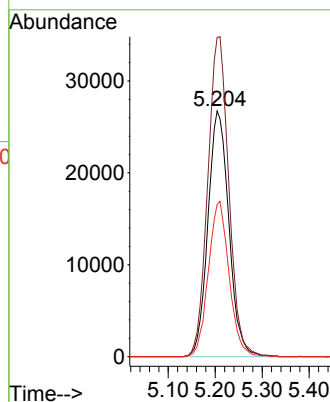
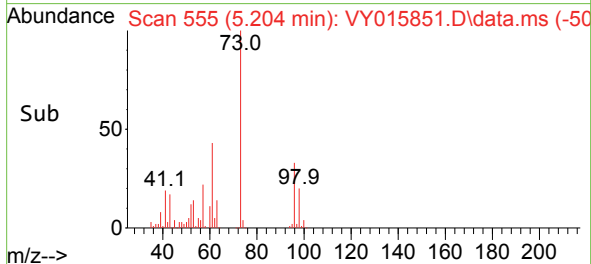


#21
trans-1,2-Dichloroethene
Concen: 52.983 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

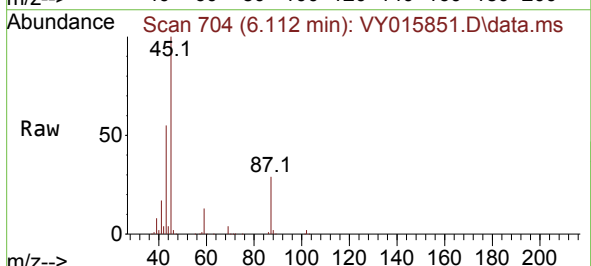
Instrument :
MSVOA_Y
ClientSampleId :



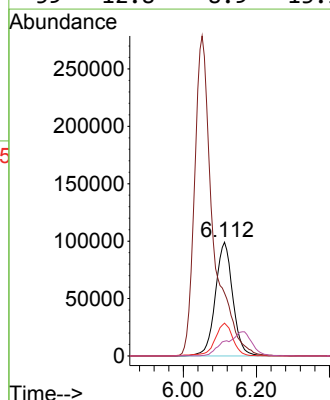
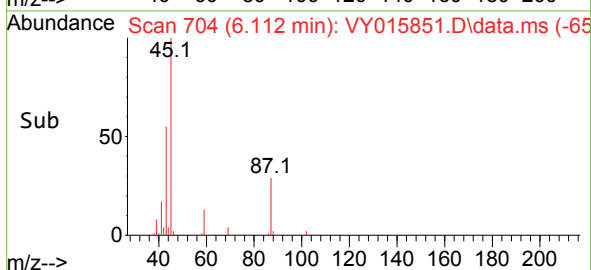
Tgt Ion: 96 Resp: 82790
Ion Ratio Lower Upper
96 100
61 129.9 110.2 165.4
98 62.0 51.8 77.6

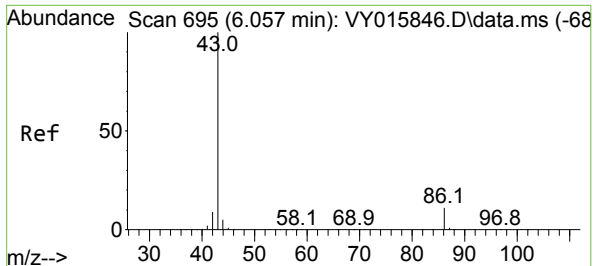


#22
Diisopropyl ether
Concen: 49.413 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26



Tgt Ion: 45 Resp: 328150
Ion Ratio Lower Upper
45 100
43 54.9 52.2 78.4
87 28.8 21.0 31.6
59 12.8 8.9 13.3

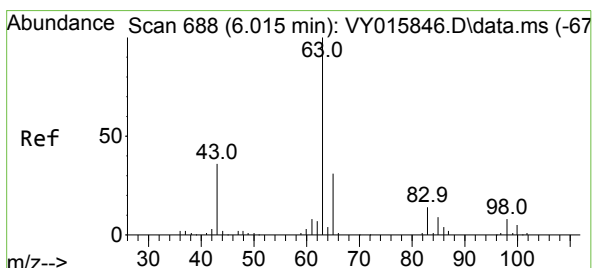
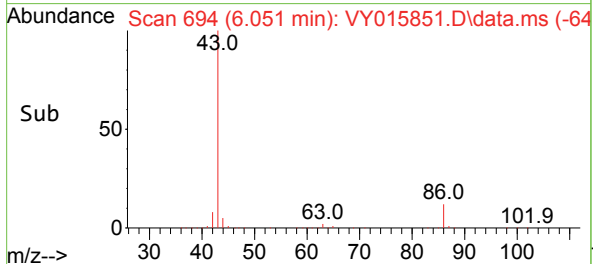
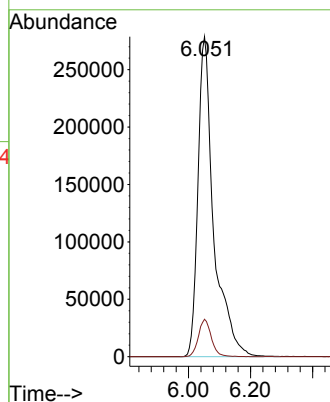
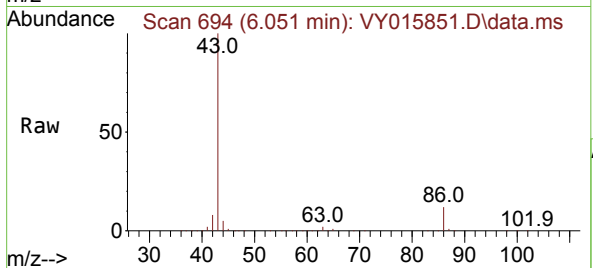




#23
 Vinyl Acetate
 Concen: 244.160 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

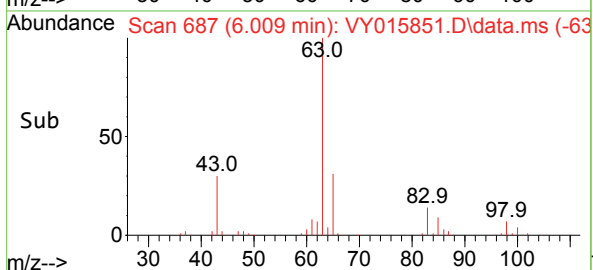
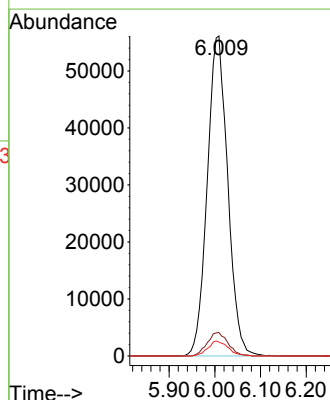
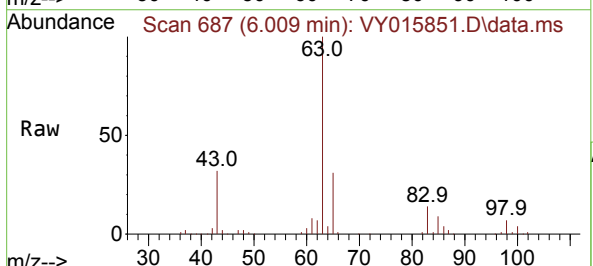
Instrument :
 MSVOA_Y
 ClientSampleId :

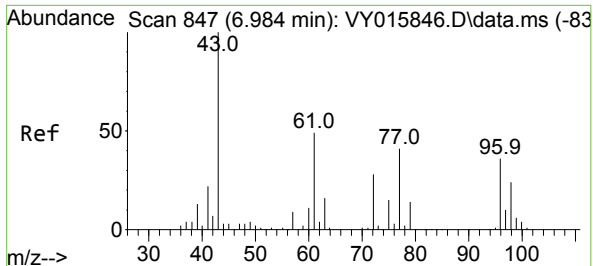
Tgt Ion: 43 Resp: 981406
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.541 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

Tgt Ion: 63 Resp: 174707
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.3 1.8 5.5

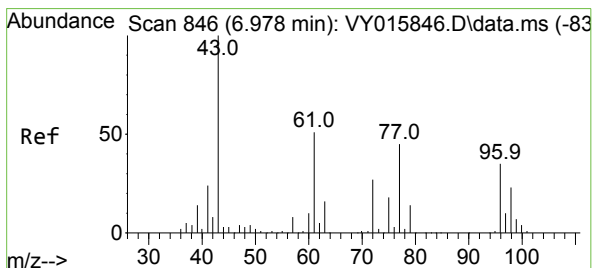
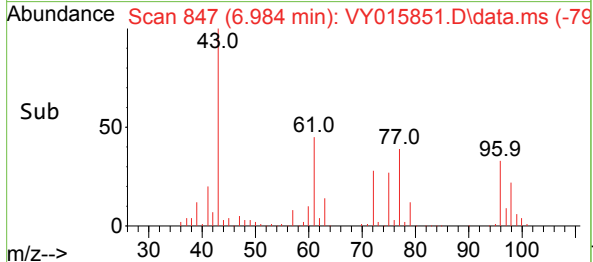
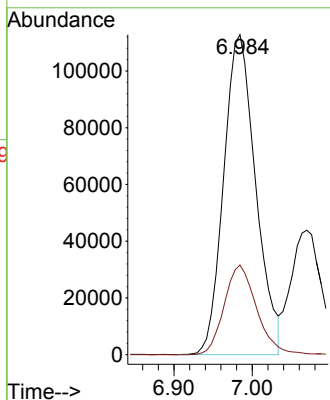
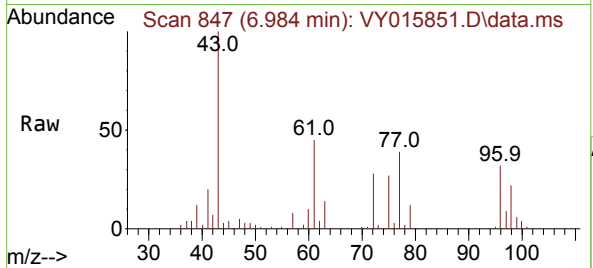




#25
2-Butanone
Concen: 219.962 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

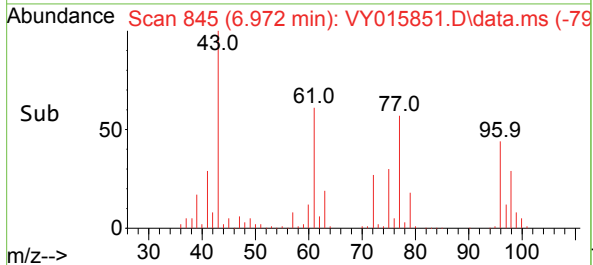
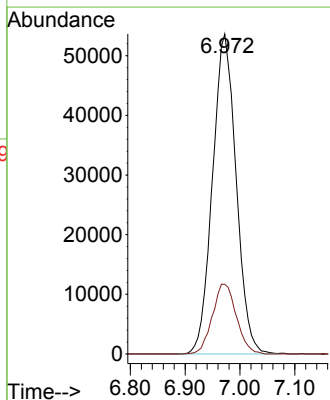
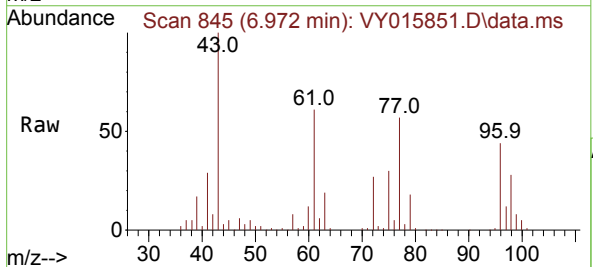
Instrument :
MSVOA_Y
ClientSampleId :

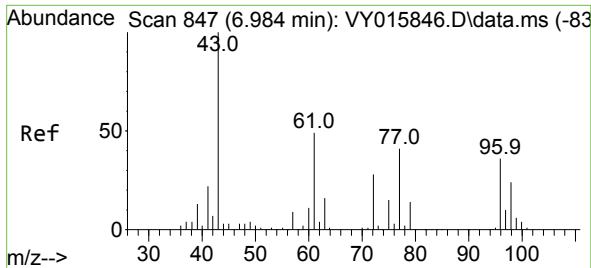
Tgt Ion: 43 Resp: 321366
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.021 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

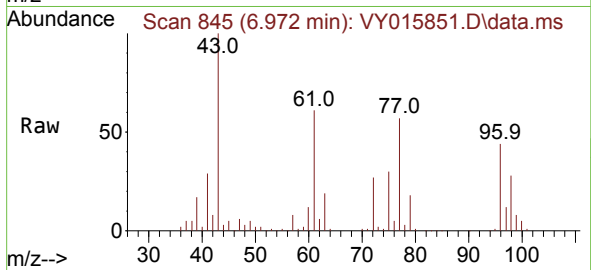
Tgt Ion: 77 Resp: 160647
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9



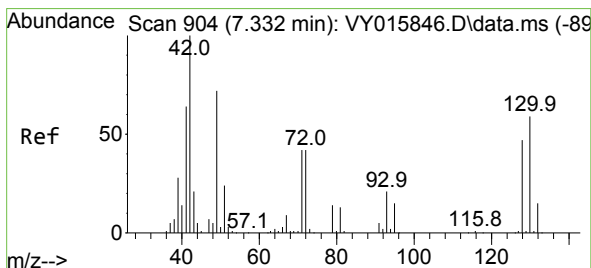
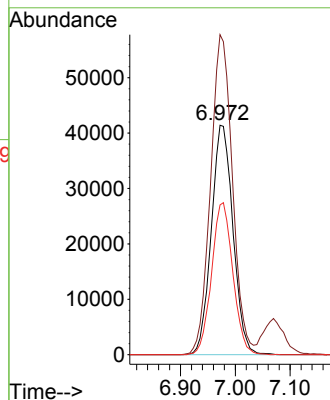
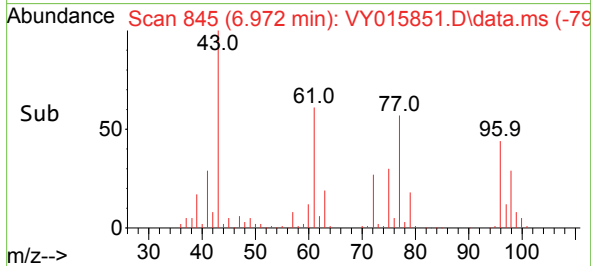


#27
 cis-1,2-Dichloroethene
 Concen: 50.375 ug/l
 RT: 6.972 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :

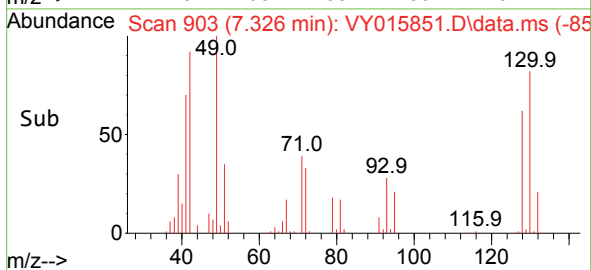
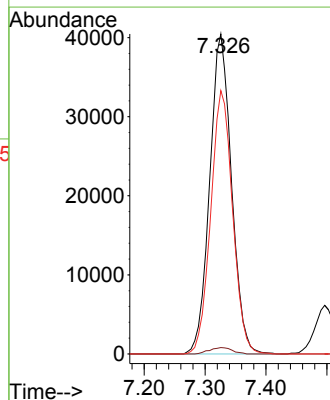
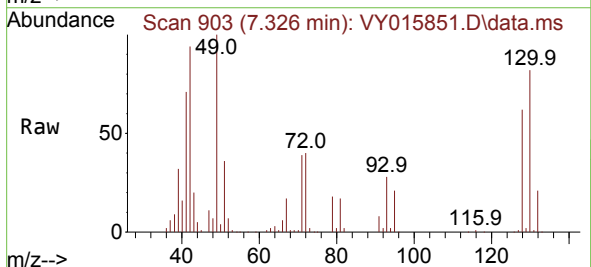


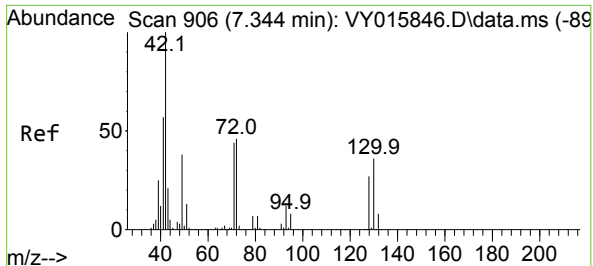
Tgt Ion: 96 Resp: 113786
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 301.4
 98 64.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 48.706 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

Tgt Ion: 49 Resp: 100448
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 235.849 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

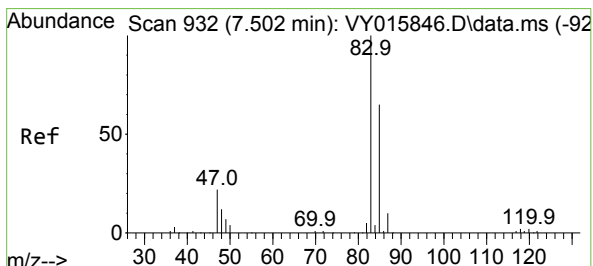
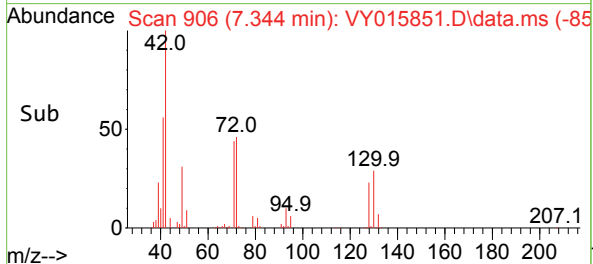
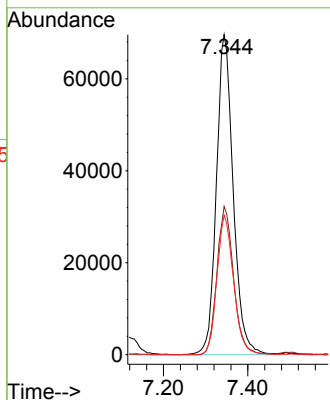
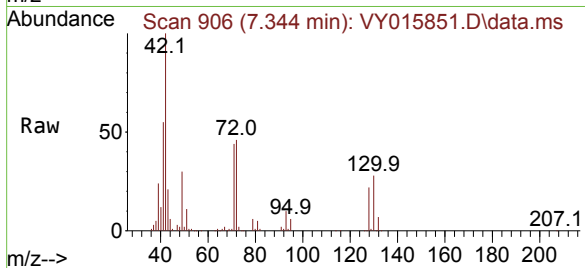
Tgt Ion: 42 Resp: 192269

Ion Ratio Lower Upper

42 100

72 45.9 32.8 49.2

71 43.0 31.0 46.4



#30

Chloroform

Concen: 49.223 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY015851.D

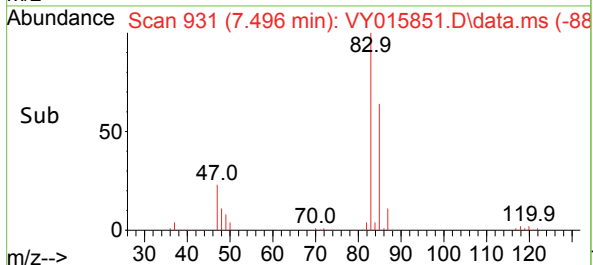
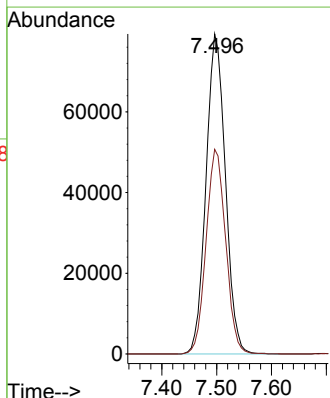
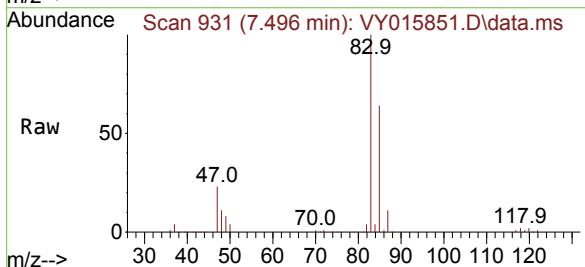
Acq: 05 Oct 2023 16:26

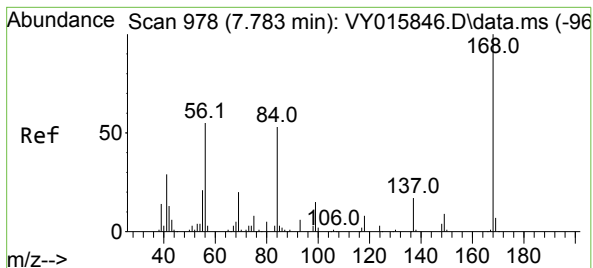
Tgt Ion: 83 Resp: 194182

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5





#31

Cyclohexane

Concen: 48.893 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

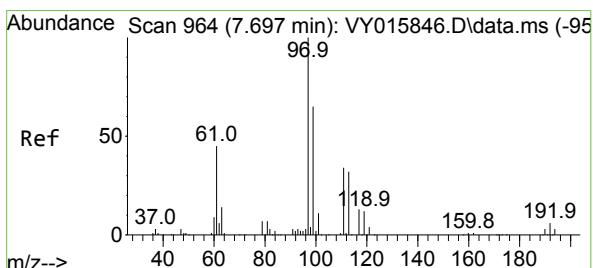
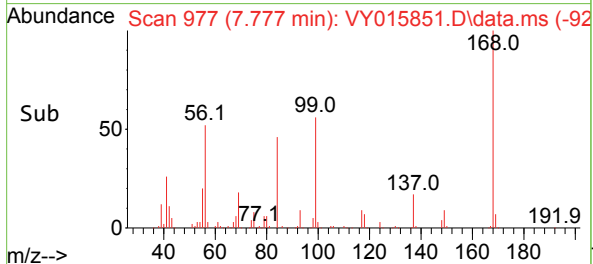
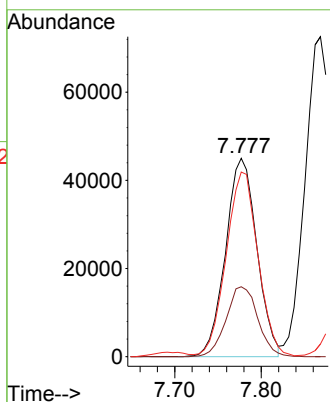
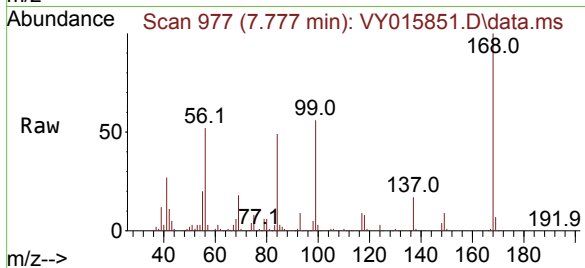
Tgt Ion: 56 Resp: 112984

Ion Ratio Lower Upper

56 100

69 35.3 27.8 41.6

84 90.8 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 49.459 ug/l

RT: 7.698 min Scan# 964

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

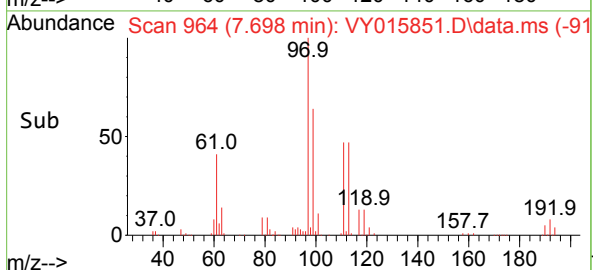
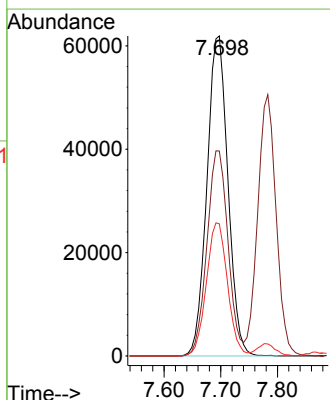
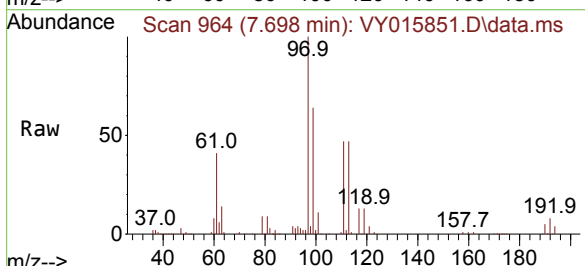
Tgt Ion: 97 Resp: 159506

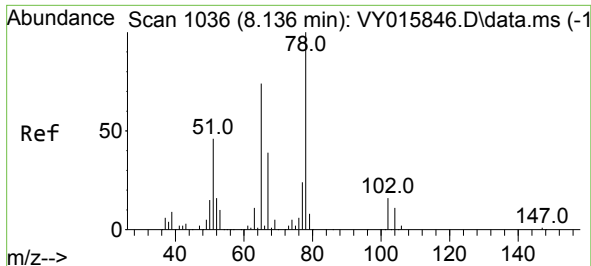
Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

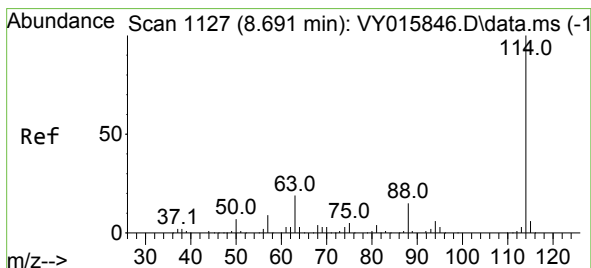
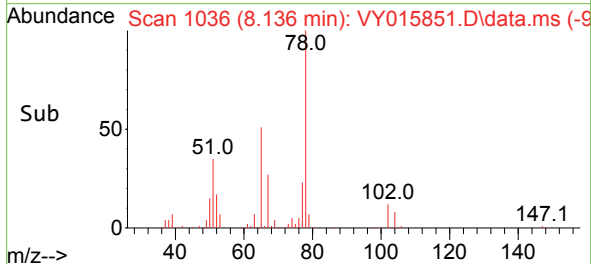
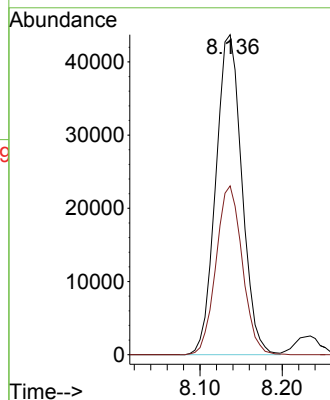
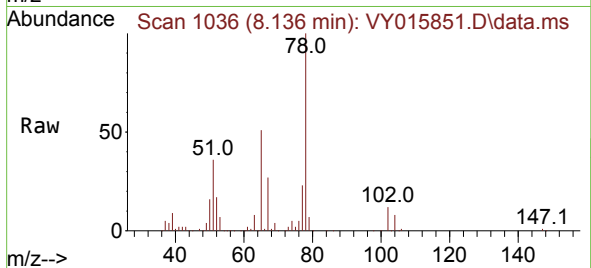
ClientSampleId :

Tgt Ion: 65 Resp: 96639

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

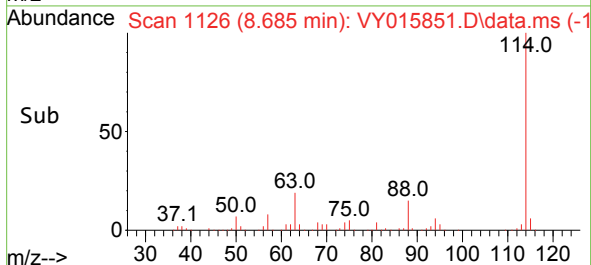
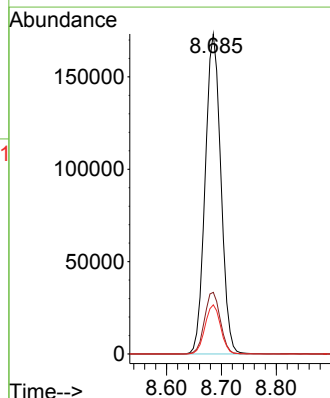
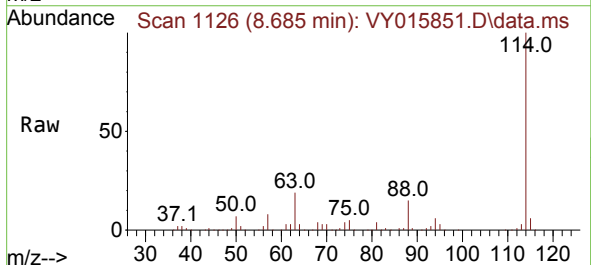
Tgt Ion: 114 Resp: 342827

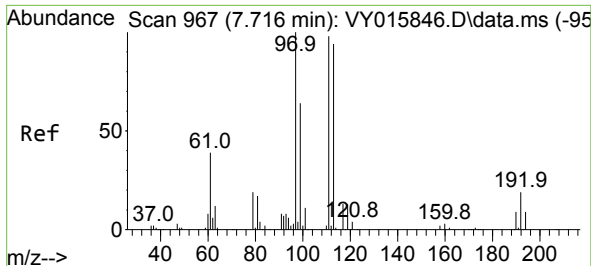
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.3 0.0 30.6

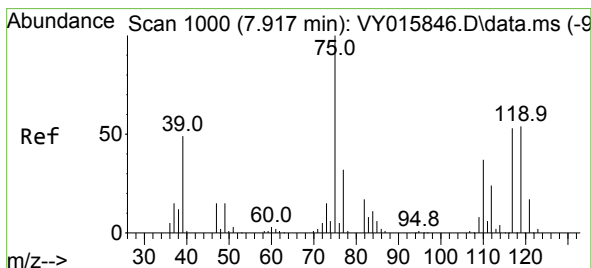
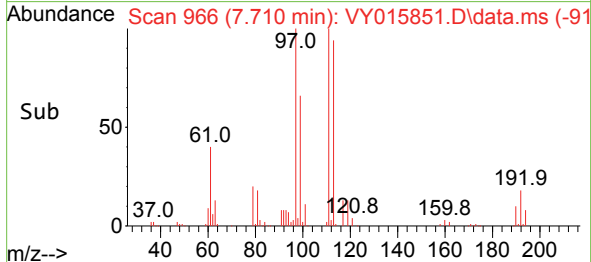
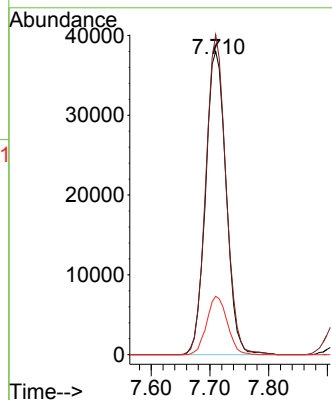
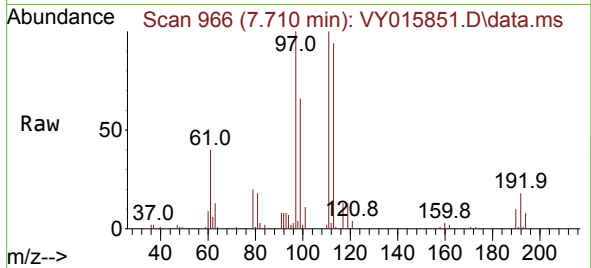




#35
Dibromofluoromethane
Concen: 47.228 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

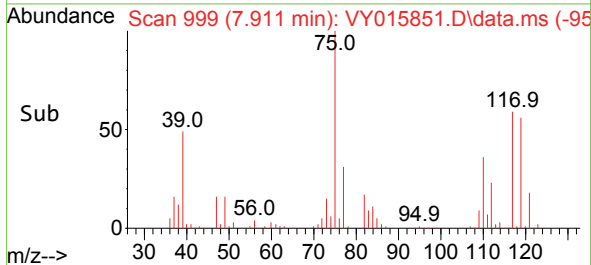
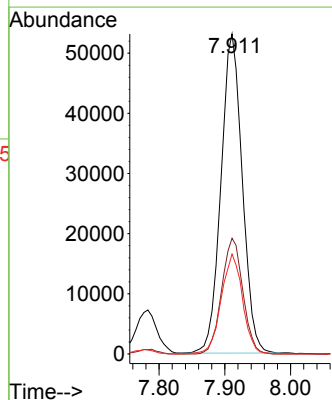
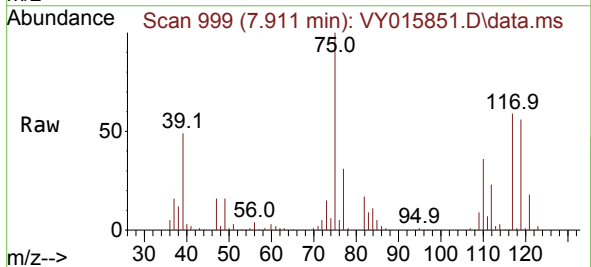
Instrument :
MSVOA_Y
ClientSampleId :

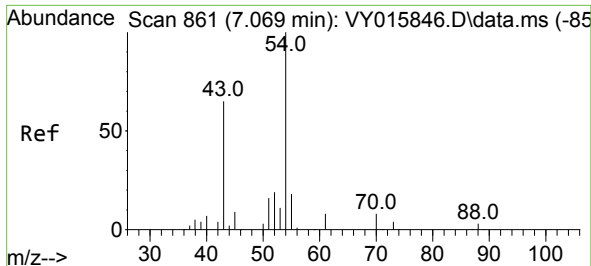
Tgt Ion:113 Resp: 92289
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.277 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 75 Resp: 119544
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 48.311 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

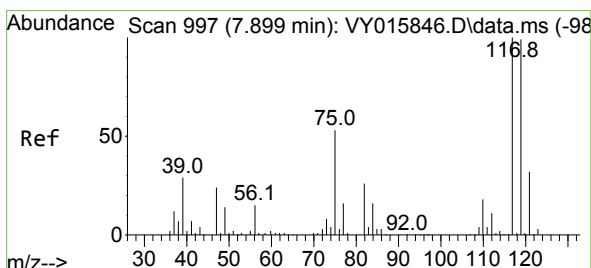
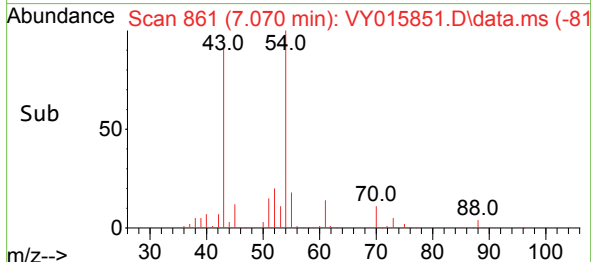
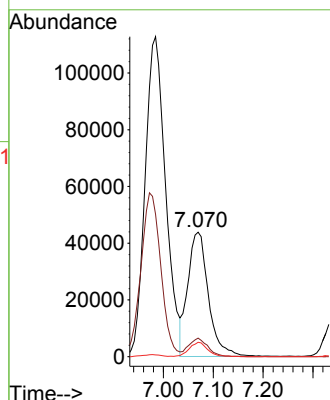
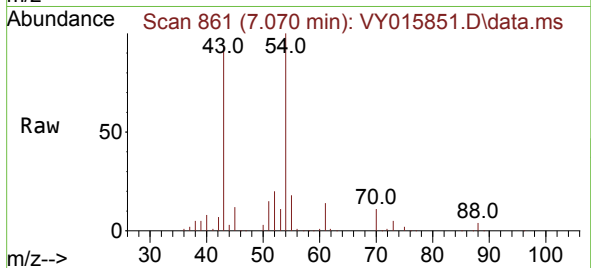
Tgt Ion: 43 Resp: 126038

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.330 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

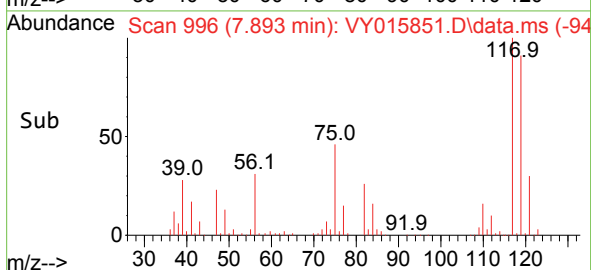
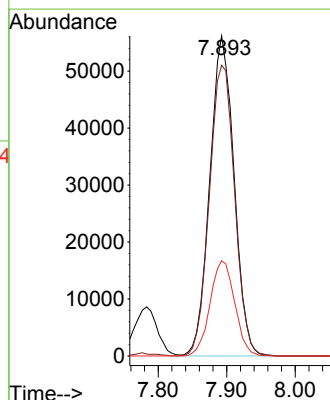
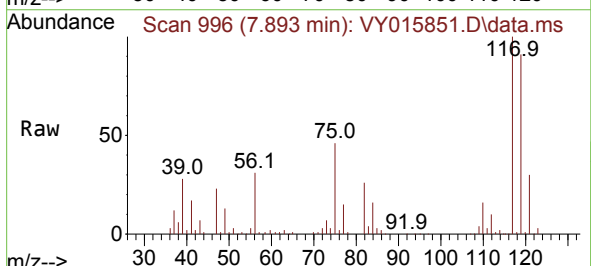
Tgt Ion: 117 Resp: 137965

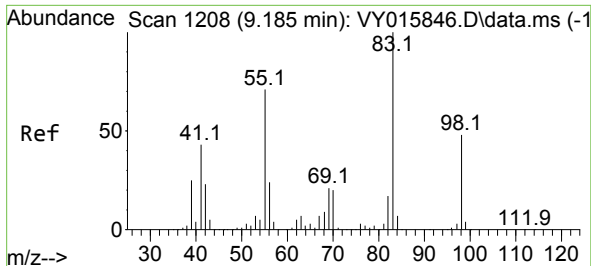
Ion Ratio Lower Upper

117 100

119 90.8 76.4 114.6

121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 52.562 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

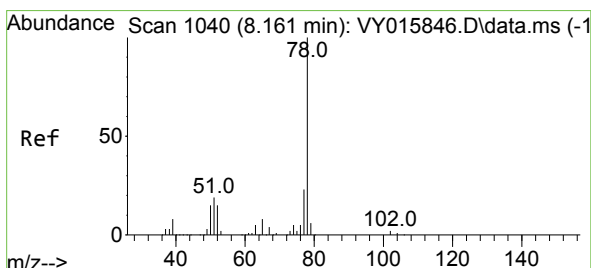
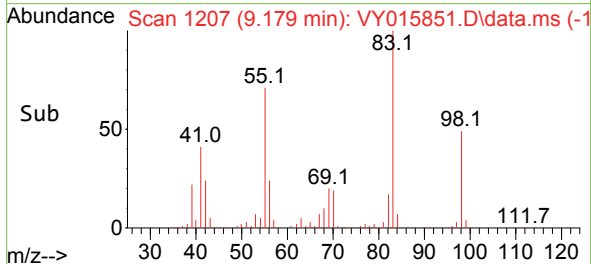
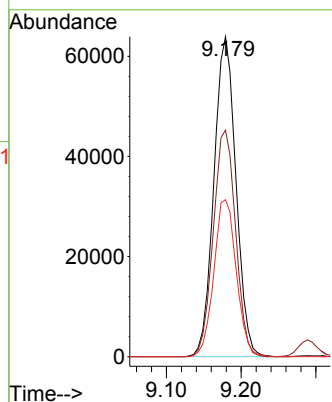
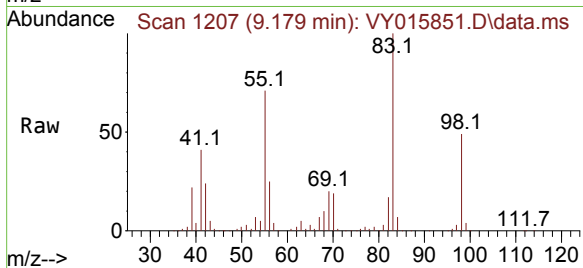
Tgt Ion: 83 Resp: 131053

Ion Ratio Lower Upper

83 100

55 70.8 63.0 94.4

98 49.1 37.4 56.2



#40

Benzene

Concen: 50.829 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY015851.D

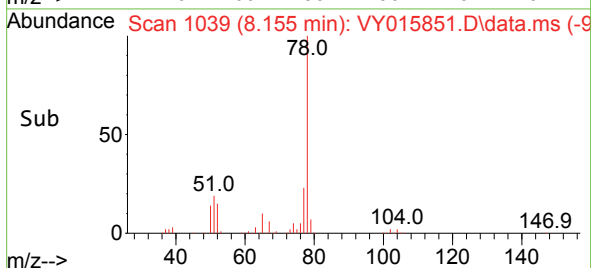
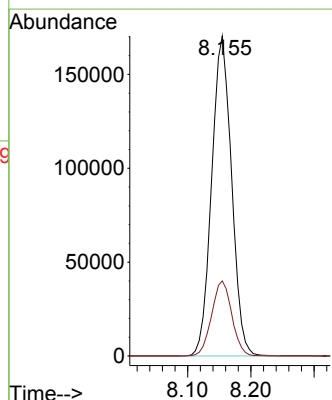
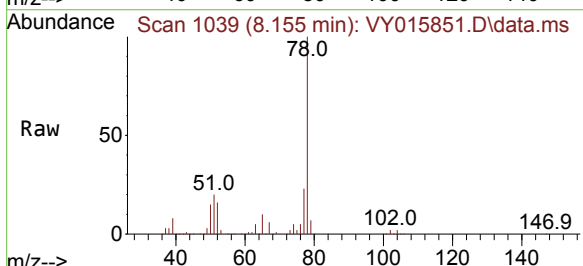
Acq: 05 Oct 2023 16:26

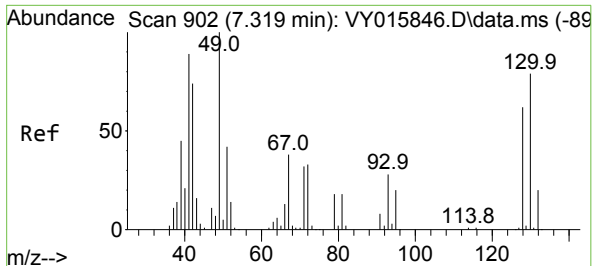
Tgt Ion: 78 Resp: 371837

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

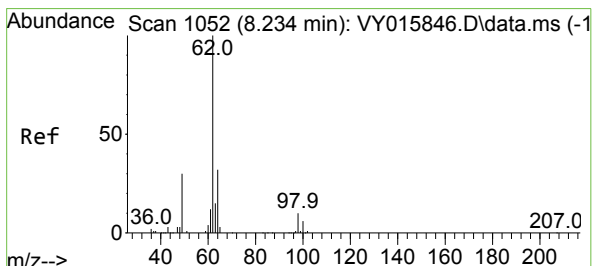
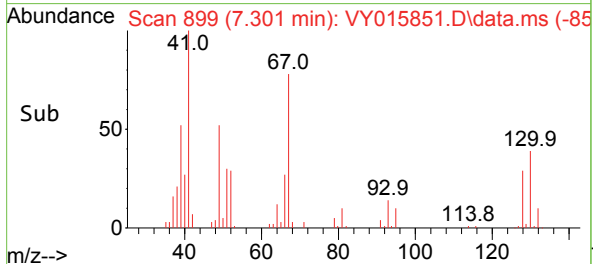
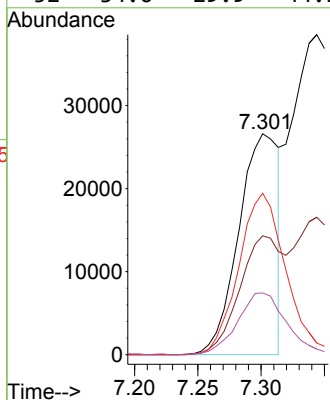
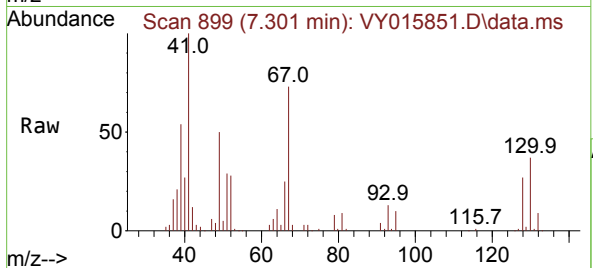




#41
Methacrylonitrile
Concen: 46.828 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.018 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

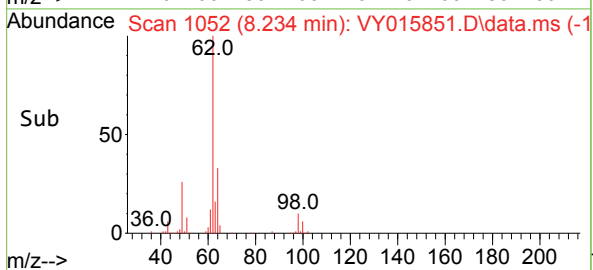
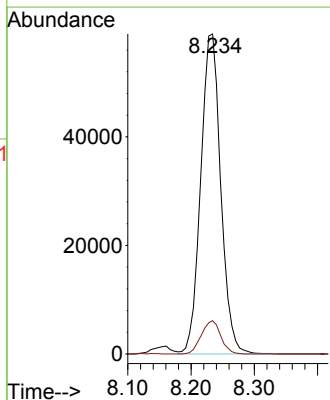
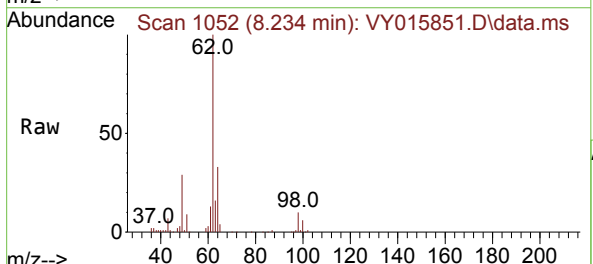
Instrument :
MSVOA_Y
ClientSampleId :

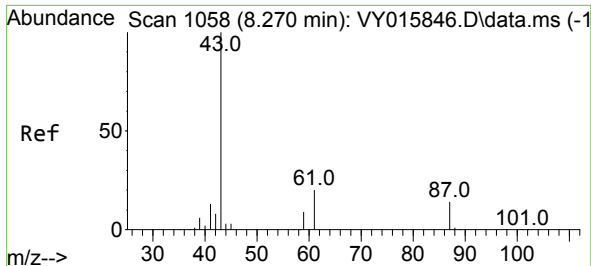
Tgt Ion: 41 Resp: 58487
Ion Ratio Lower Upper
41 100
39 59.7 52.1 78.1
67 86.2 66.2 99.2
52 34.6 29.9 44.9



#42
1,2-Dichloroethane
Concen: 49.384 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

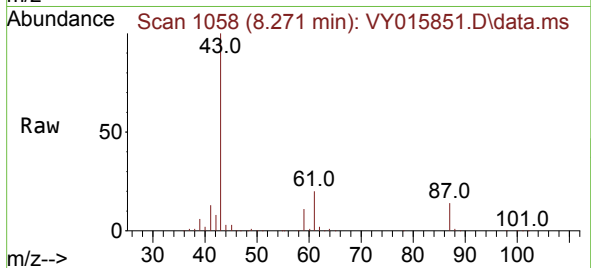
Tgt Ion: 62 Resp: 130076
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8



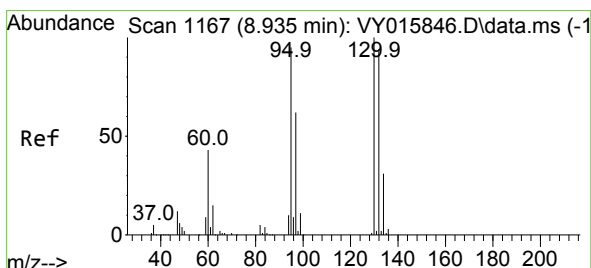
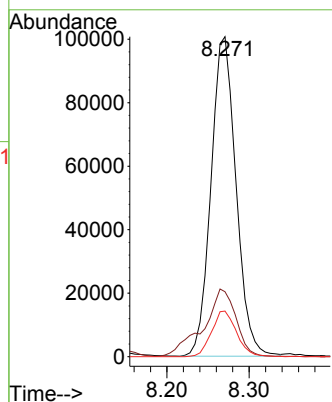
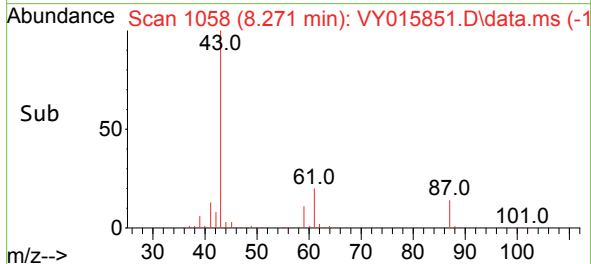


#43
Isopropyl Acetate
Concen: 47.440 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

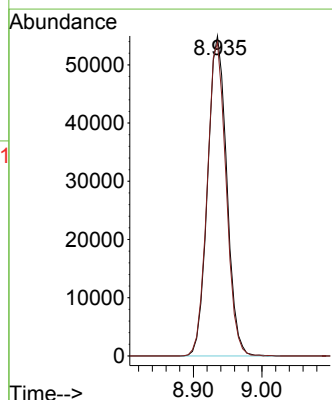
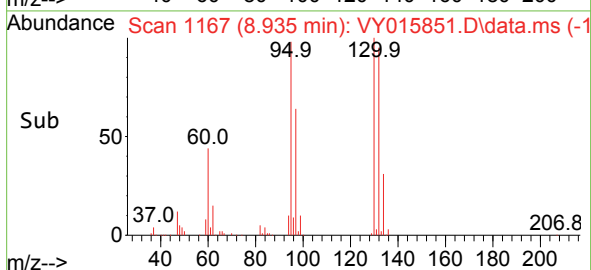
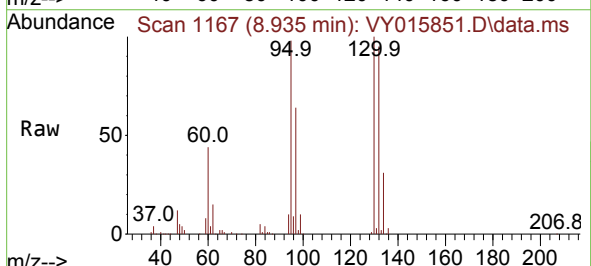


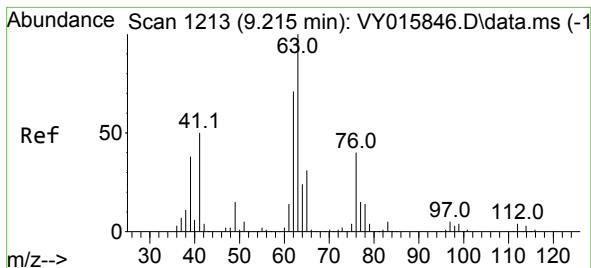
Tgt Ion: 43 Resp: 213027
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 49.762 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion:130 Resp: 106538
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.840 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

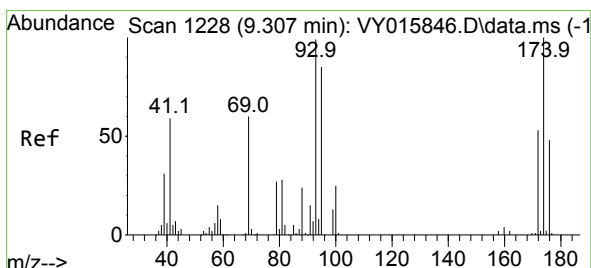
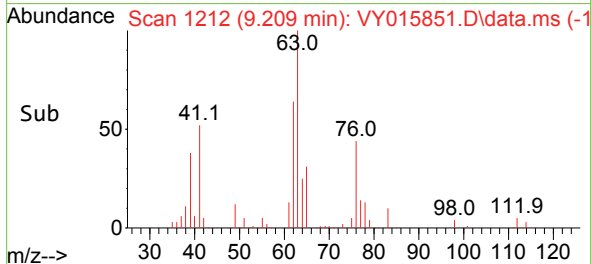
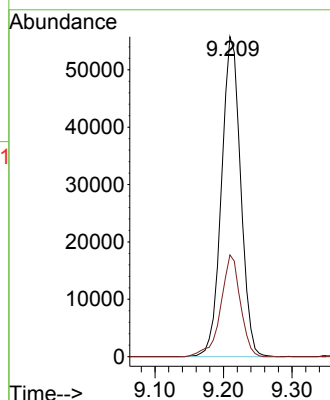
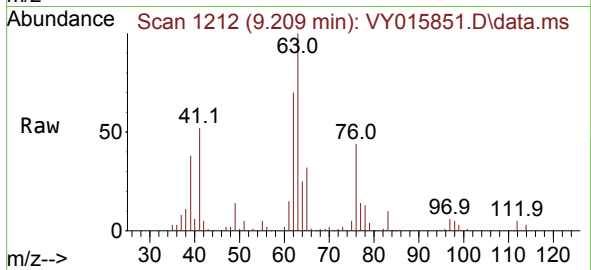
ClientSampleId :

Tgt Ion: 63 Resp: 107843

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 50.162 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

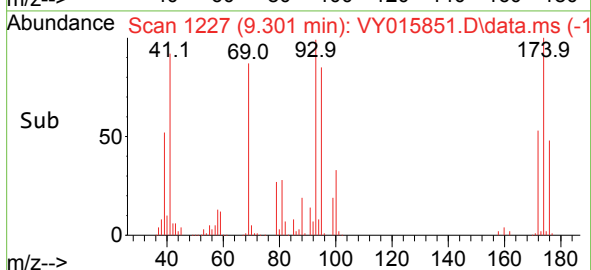
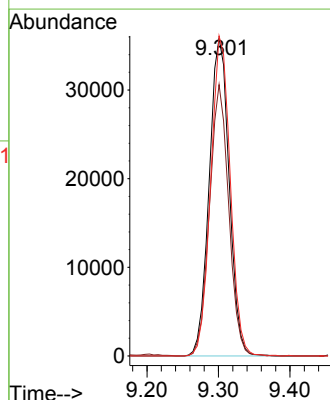
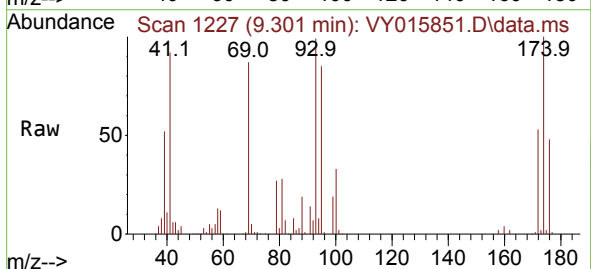
Tgt Ion: 93 Resp: 69392

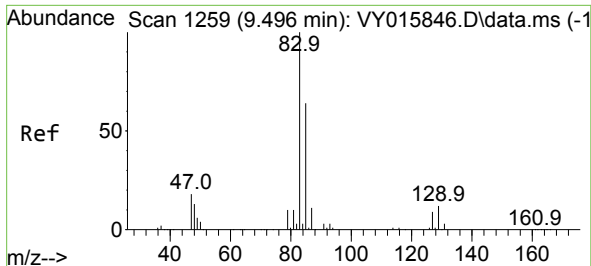
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 98.5 84.8 127.2

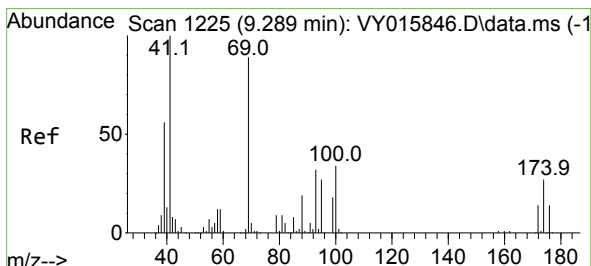
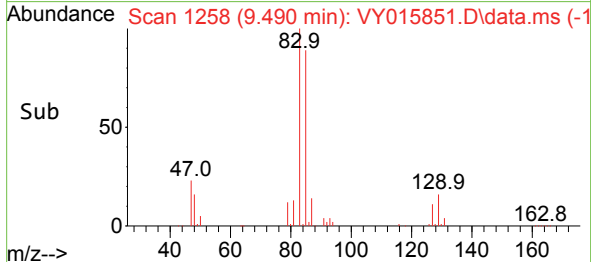
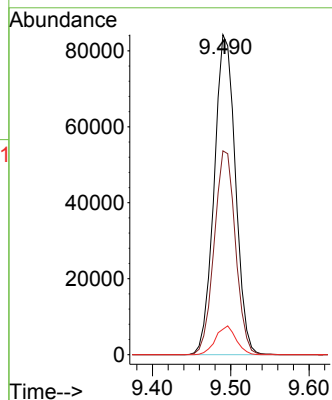
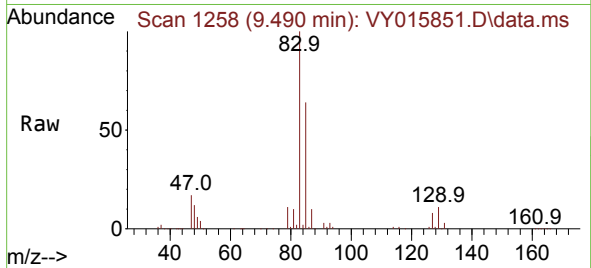




#47
Bromodichloromethane
Concen: 49.395 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

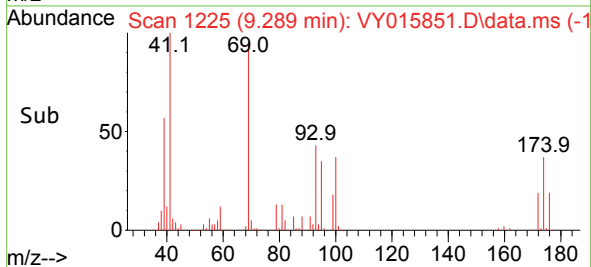
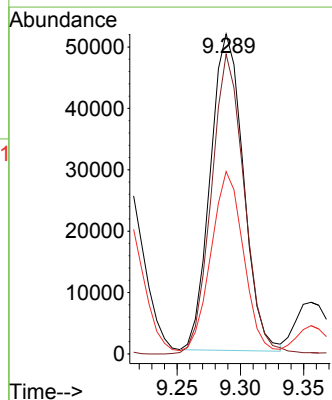
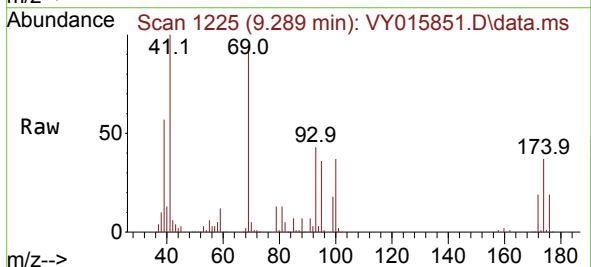
Instrument :
MSVOA_Y
ClientSampleId :

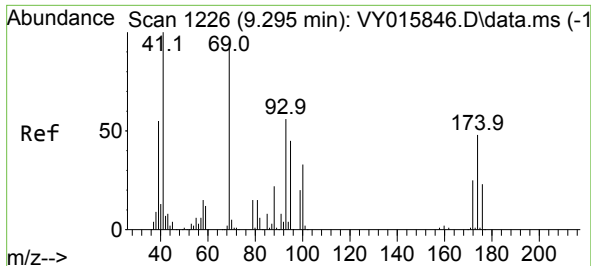
Tgt Ion: 83 Resp: 158608
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 47.851 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 41 Resp: 93846
Ion Ratio Lower Upper
41 100
69 94.3 64.5 96.7
39 57.3 50.8 76.2





#49

1,4-Dioxane

Concen: 959.225 ug/l

RT: 9.313 min Scan# 1226

Delta R.T. 0.018 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

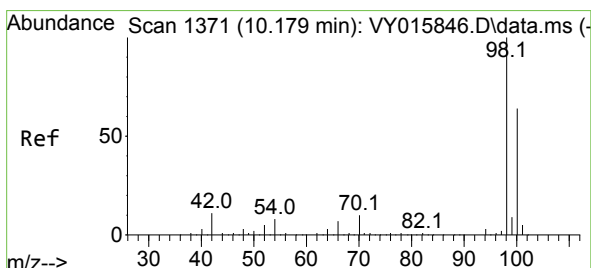
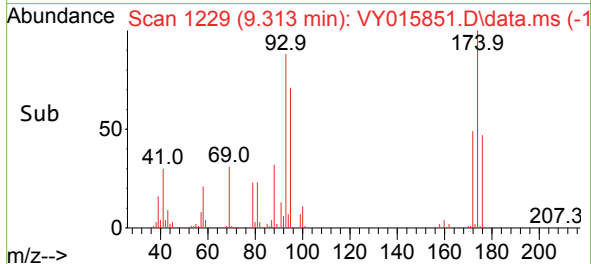
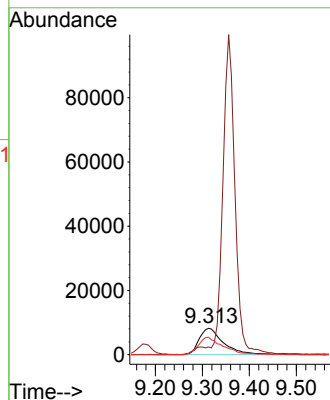
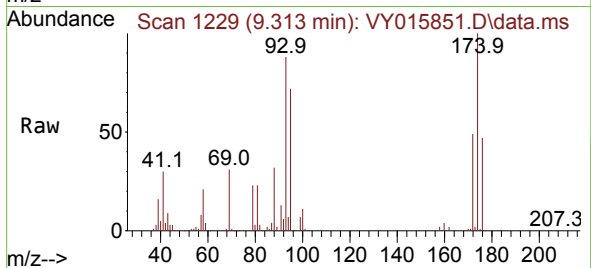
Tgt Ion: 88 Resp: 29724

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.2 30.9 46.3#



#50

Toluene-d8

Concen: 48.429 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015851.D

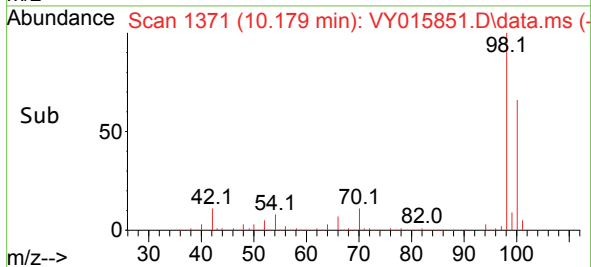
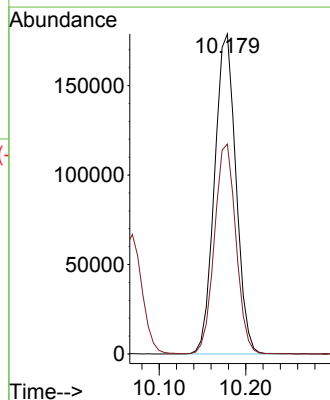
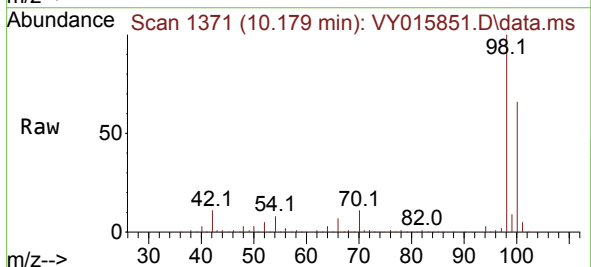
Acq: 05 Oct 2023 16:26

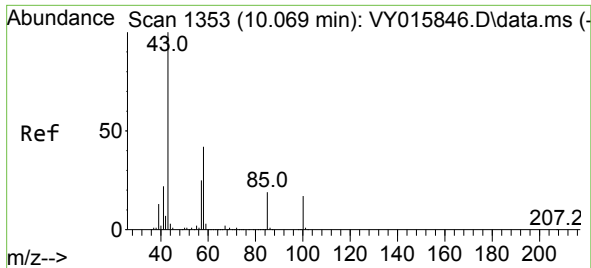
Tgt Ion: 98 Resp: 307256

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1

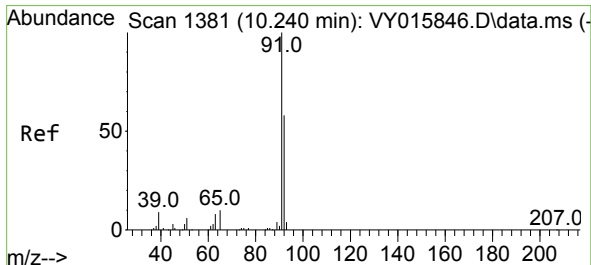
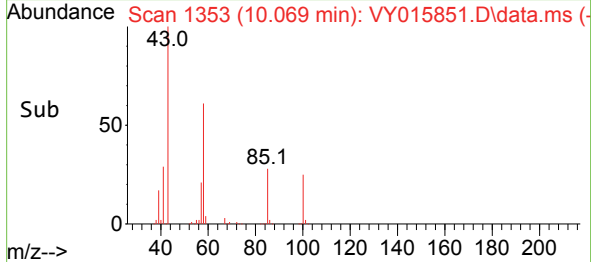
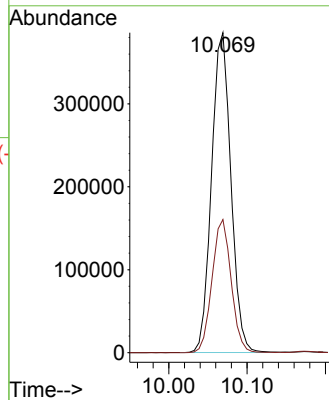
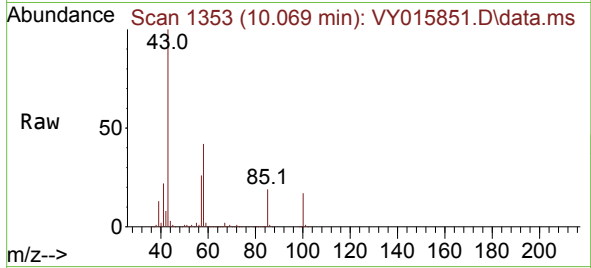




#51
4-Methyl-2-Pentanone
Concen: 235.862 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

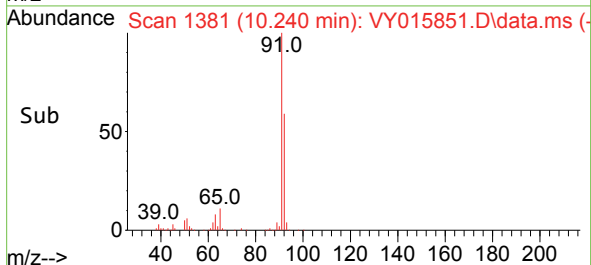
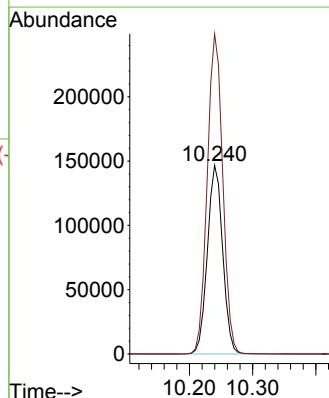
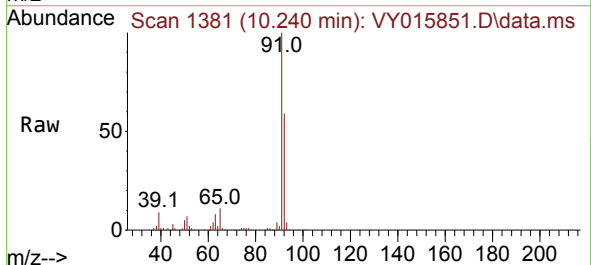
Instrument :
MSVOA_Y
ClientSampleId :

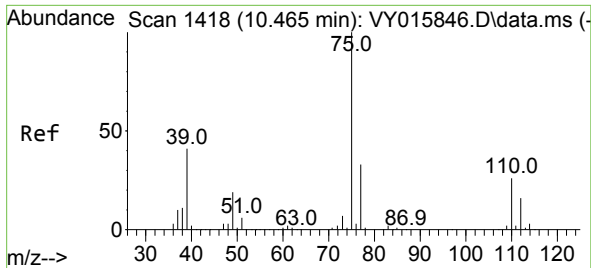
Tgt Ion: 43 Resp: 662568
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 51.512 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 92 Resp: 246555
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

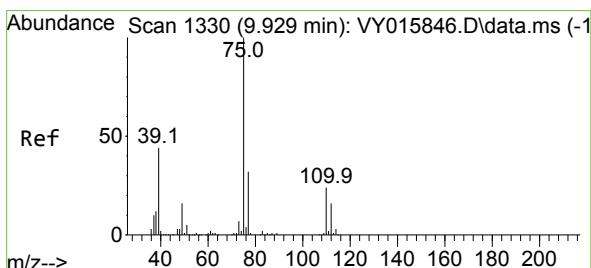
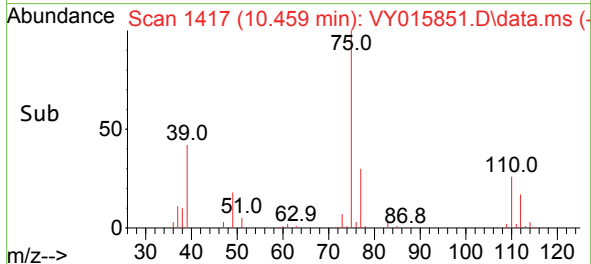
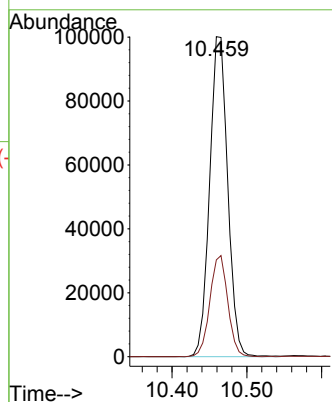
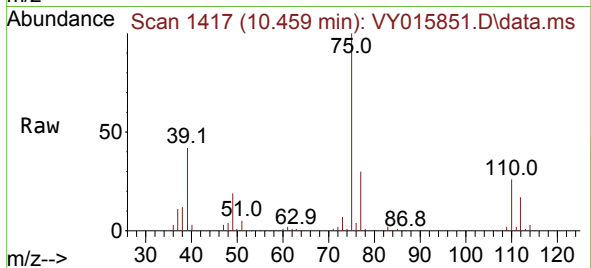




#53
 t-1,3-Dichloropropene
 Concen: 50.011 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

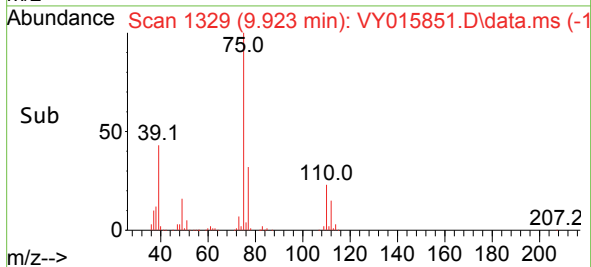
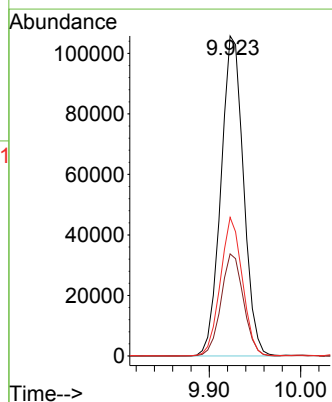
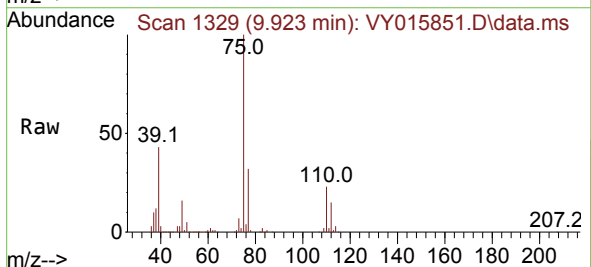
Instrument :
 MSVOA_Y
 ClientSampleId :

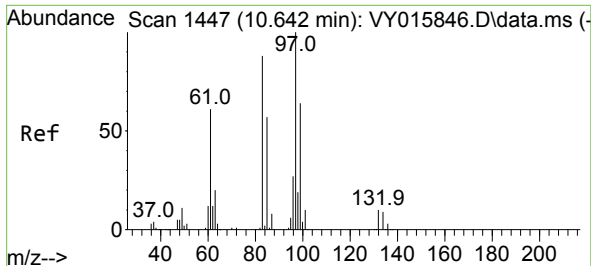
Tgt Ion: 75 Resp: 168500
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.847 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

Tgt Ion: 75 Resp: 181866
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 43.2 42.2 63.4

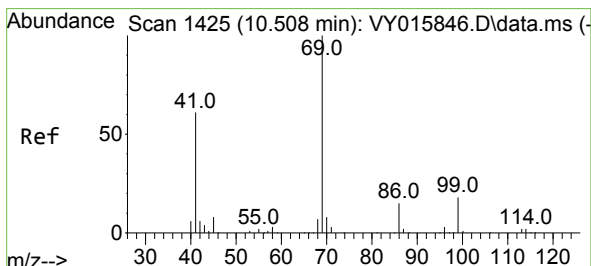
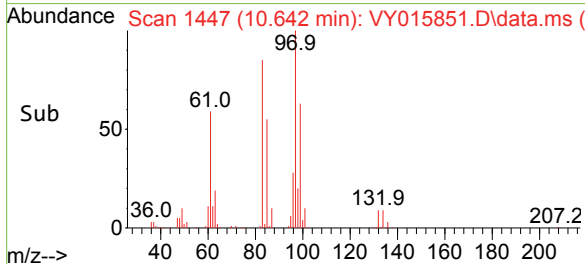
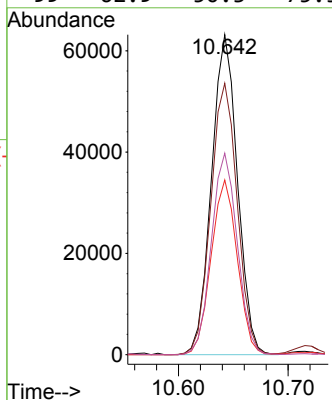
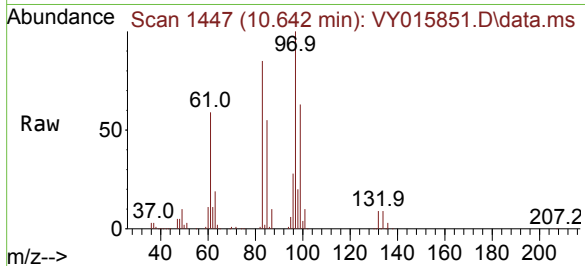




#55
1,1,2-Trichloroethane
Concen: 47.960 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

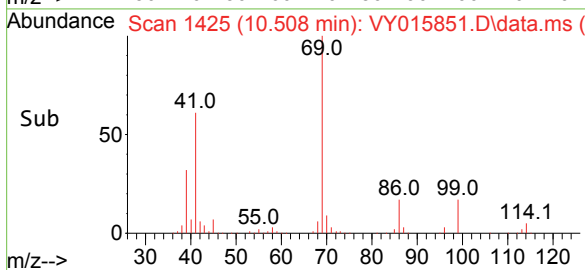
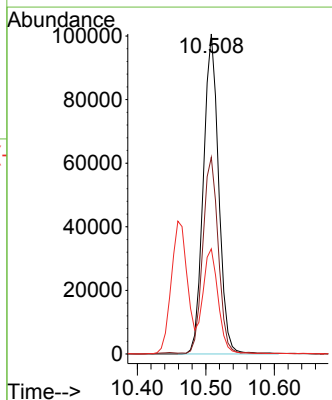
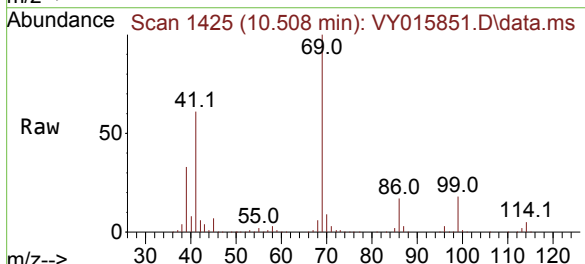
Instrument :
MSVOA_Y
ClientSampleId :

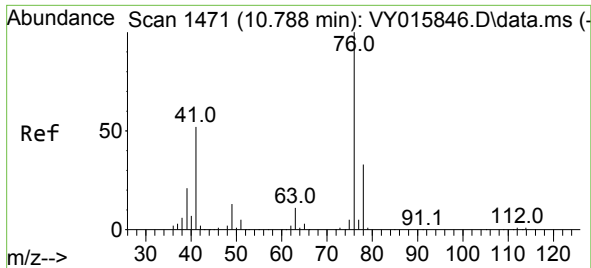
Tgt Ion:	97	Resp:	104230
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.0	108.0
85	54.6	45.4	68.0
99	62.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.689 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

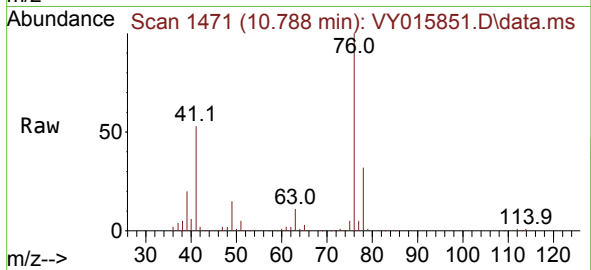
Tgt Ion:	69	Resp:	156573
Ion	Ratio	Lower	Upper
69	100		
41	61.7	57.6	86.4
39	32.8	34.1	51.1



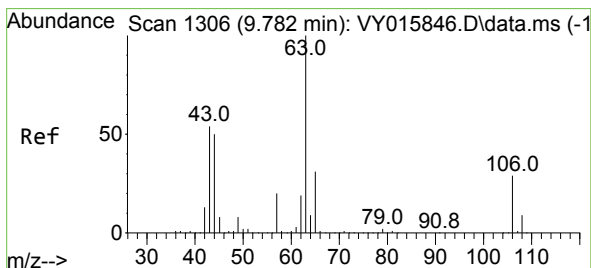
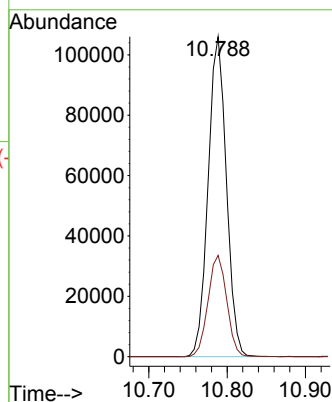
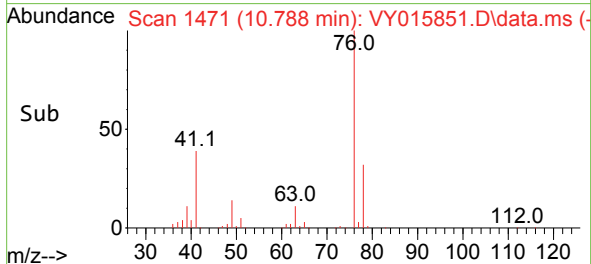


#57
1,3-Dichloropropane
Concen: 49.369 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :

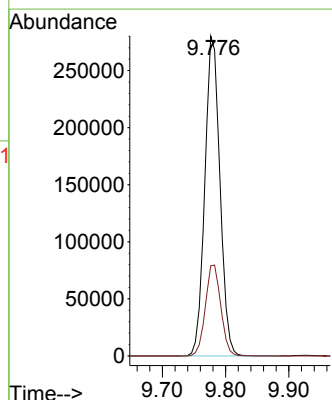
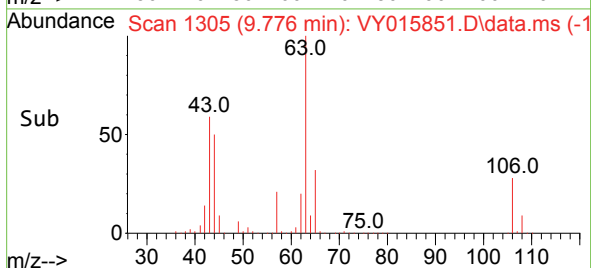
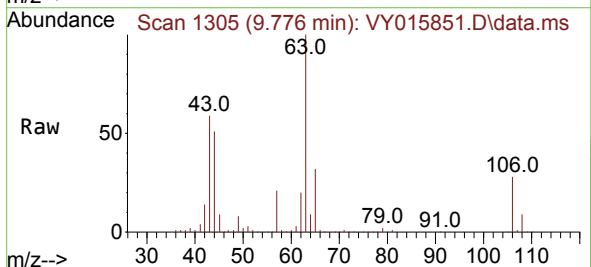


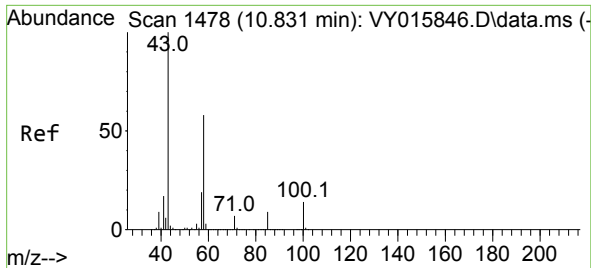
Tgt Ion: 76 Resp: 171527
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 254.067 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 63 Resp: 466481
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8

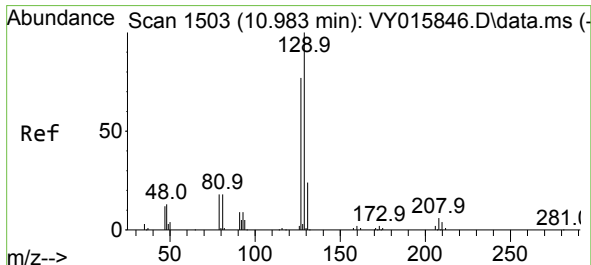
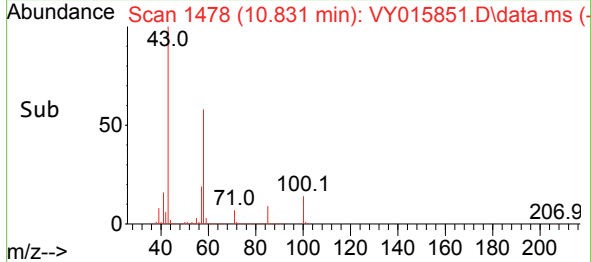
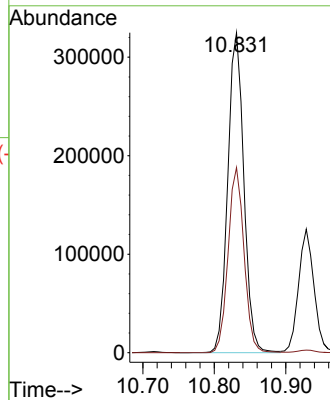
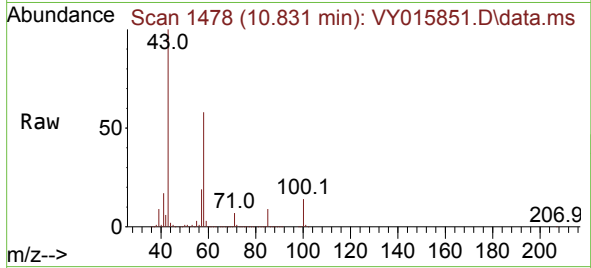




#59
2-Hexanone
Concen: 232.569 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

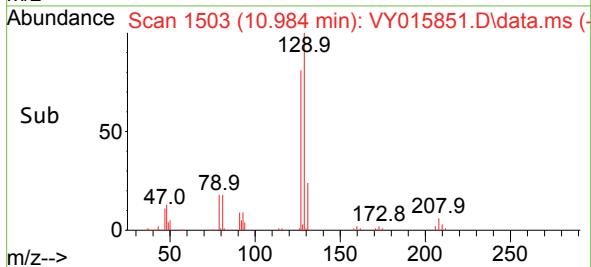
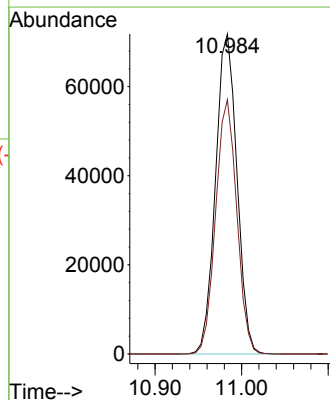
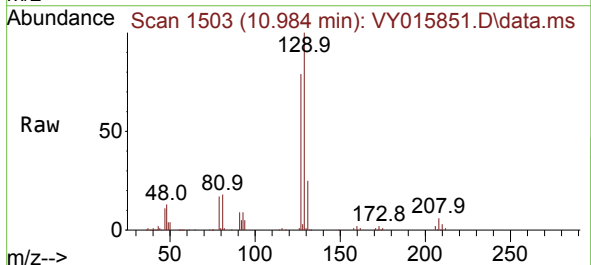
Instrument :
MSVOA_Y
ClientSampleId :

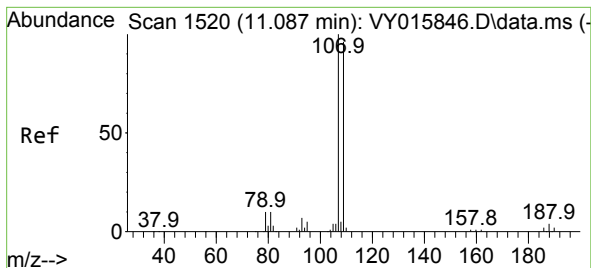
Tgt Ion: 43 Resp: 506958
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3



#60
Dibromochloromethane
Concen: 49.130 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 129 Resp: 123325
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

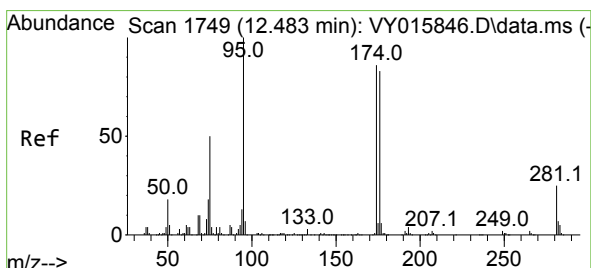
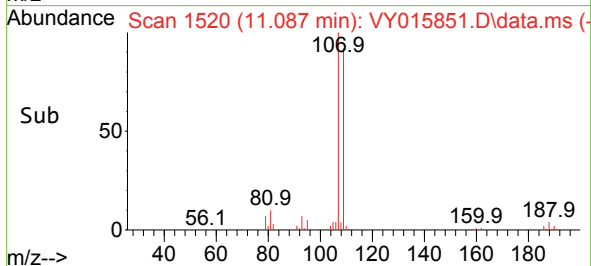
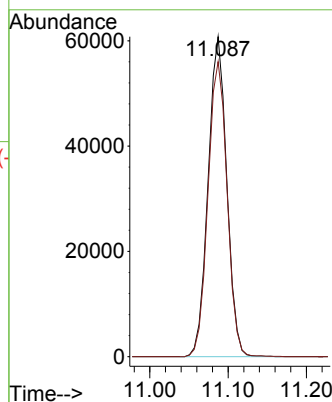
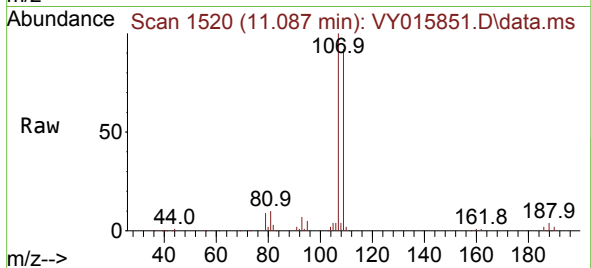




#61
1,2-Dibromoethane
Concen: 49.441 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

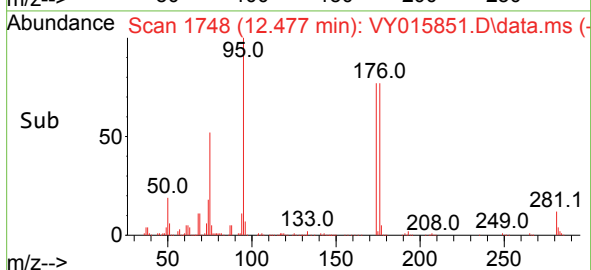
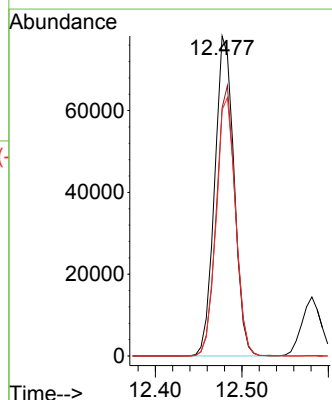
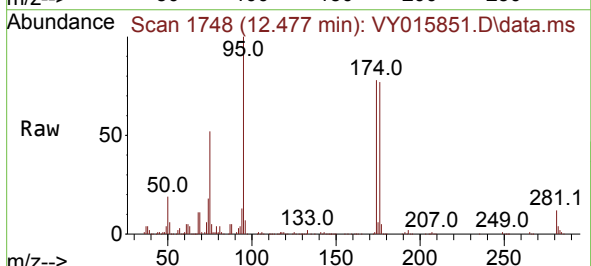
Instrument :
MSVOA_Y
ClientSampleId :

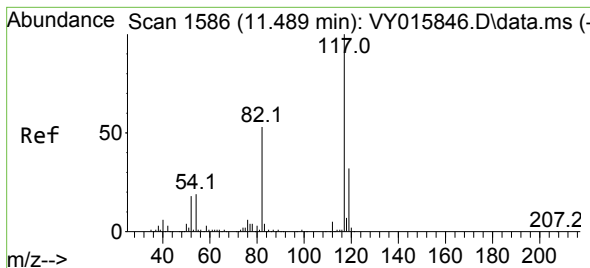
Tgt Ion:107 Resp: 100413
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.872 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 95 Resp: 121555
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

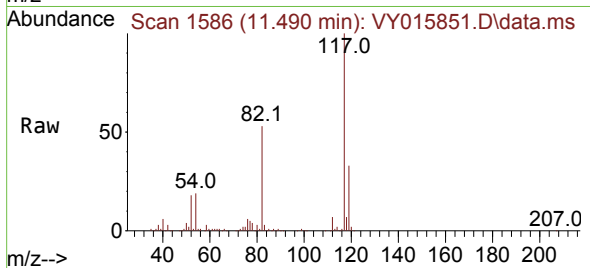
Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :



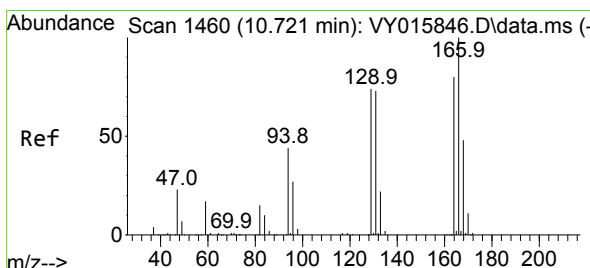
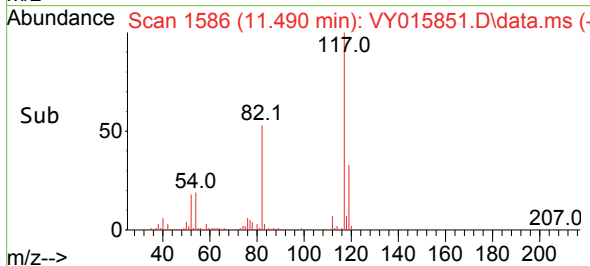
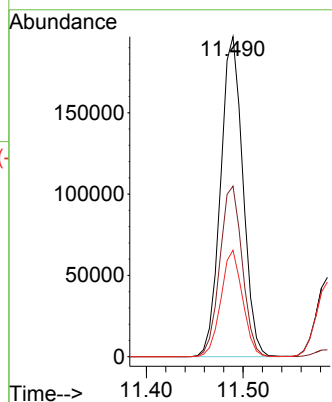
Tgt Ion:117 Resp: 314929

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 33.2 26.3 39.5



#64

Tetrachloroethene

Concen: 50.321 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Tgt Ion:164 Resp: 111392

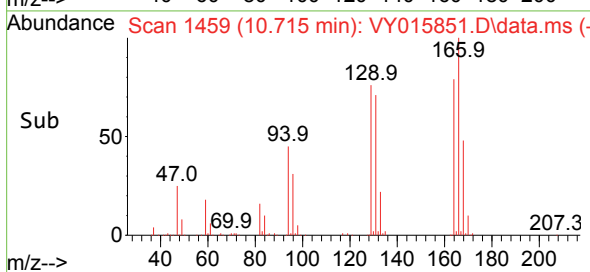
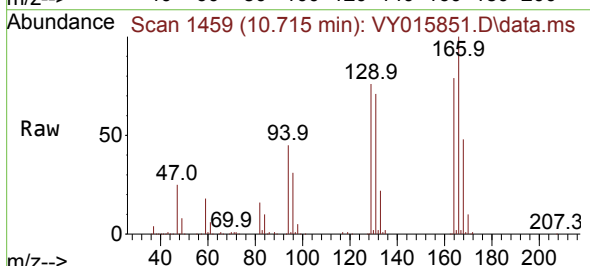
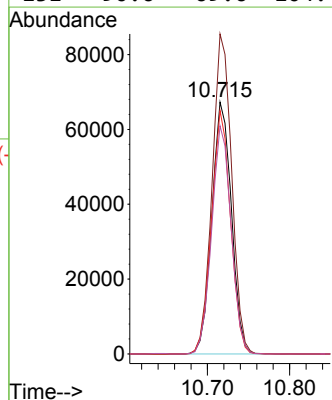
Ion Ratio Lower Upper

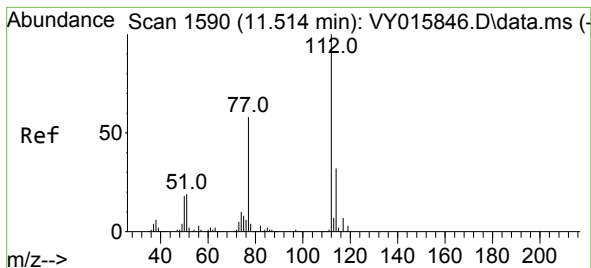
164 100

166 127.0 103.0 154.6

129 96.6 77.2 115.8

131 90.6 69.6 104.4

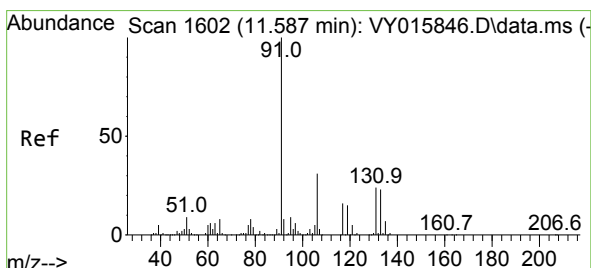
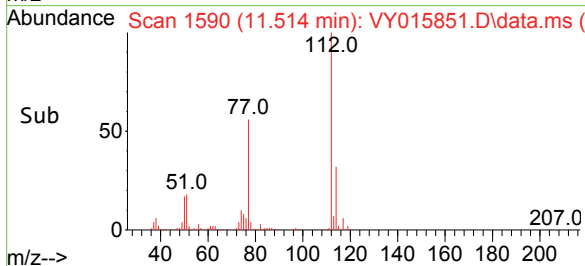
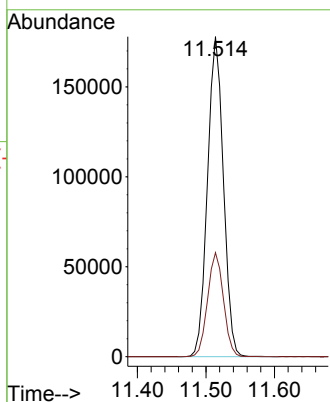
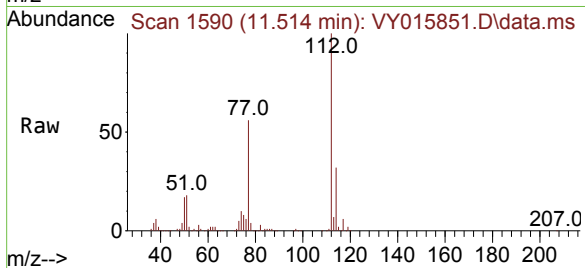




#65
Chlorobenzene
Concen: 49.313 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

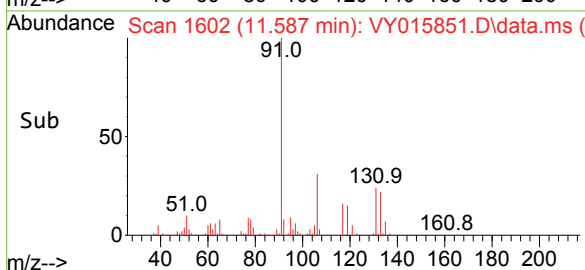
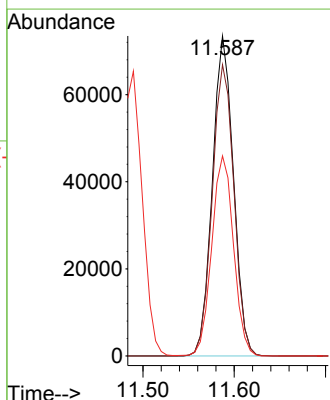
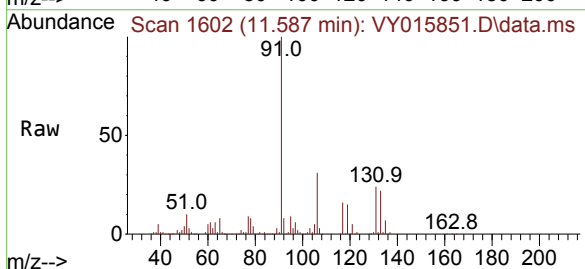
Instrument :
MSVOA_Y
ClientSampleId :

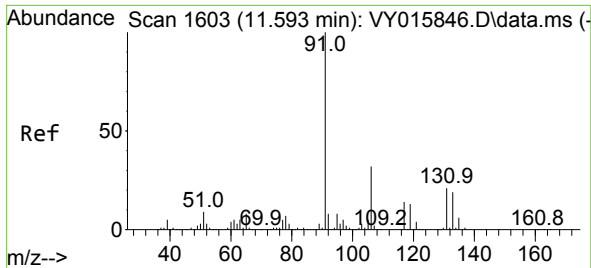
Tgt Ion:112 Resp: 287209
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.203 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion:131 Resp: 117825
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 64.6 31.6 94.7

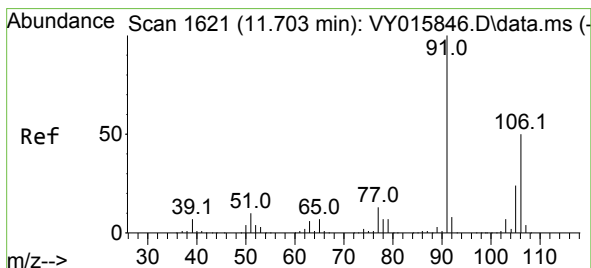
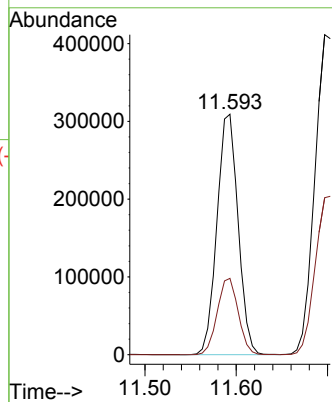
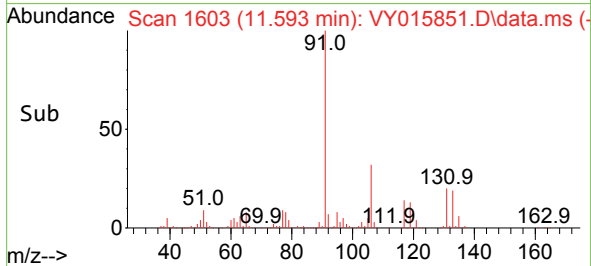
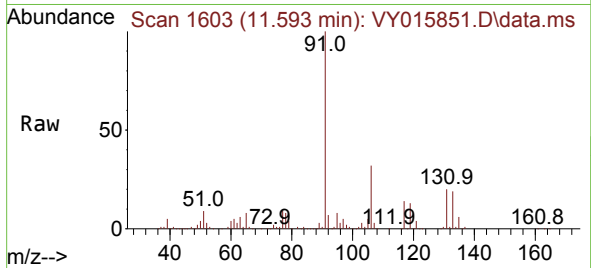




#67
Ethyl Benzene
Concen: 49.869 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

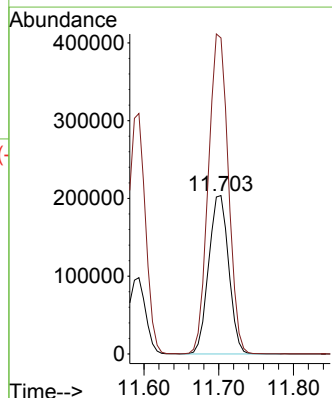
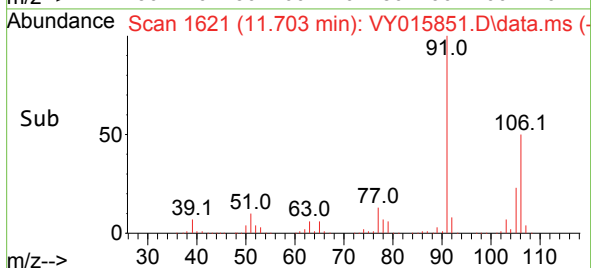
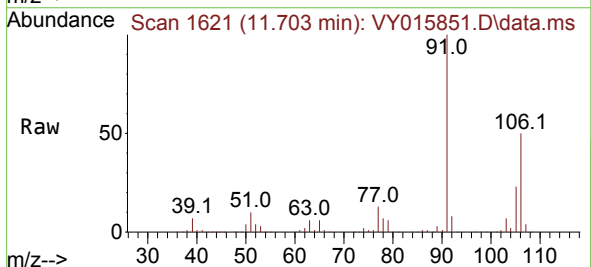
Instrument :
MSVOA_Y
ClientSampleId :

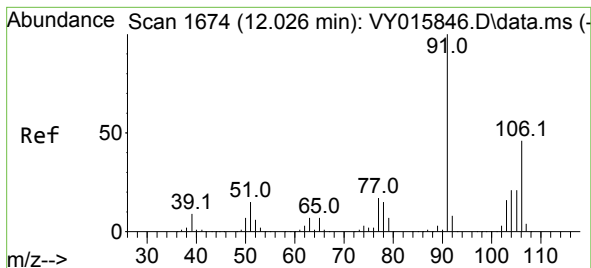
Tgt Ion: 91 Resp: 497118
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 100.195 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion:106 Resp: 379676
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1





#69

o-Xylene

Concen: 50.087 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

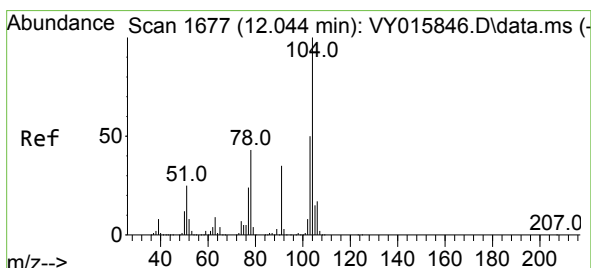
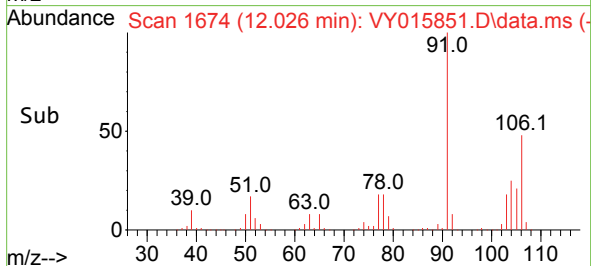
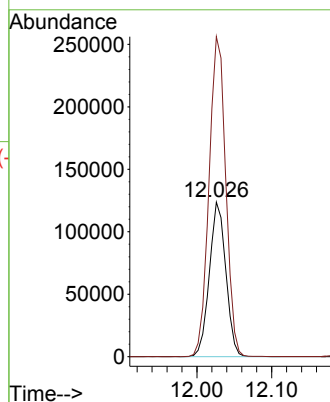
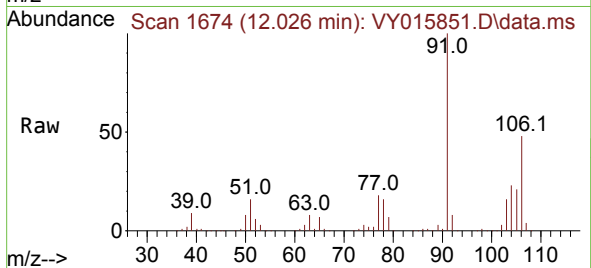
ClientSampleId :

Tgt Ion:106 Resp: 188784

Ion Ratio Lower Upper

106 100

91 211.1 108.1 324.3



#70

Styrene

Concen: 50.428 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

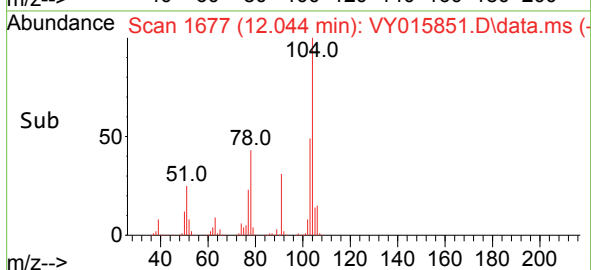
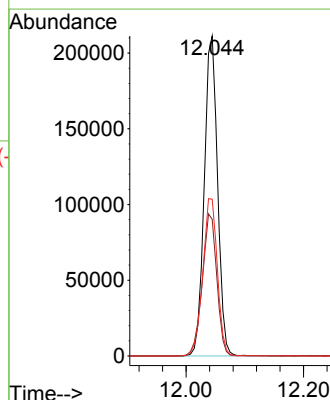
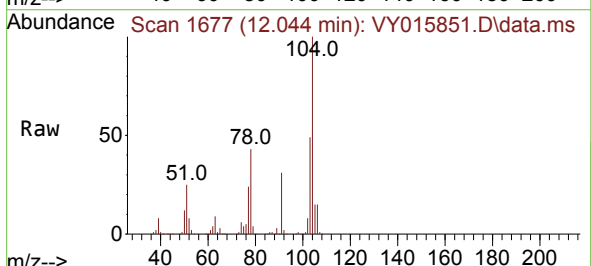
Tgt Ion:104 Resp: 331814

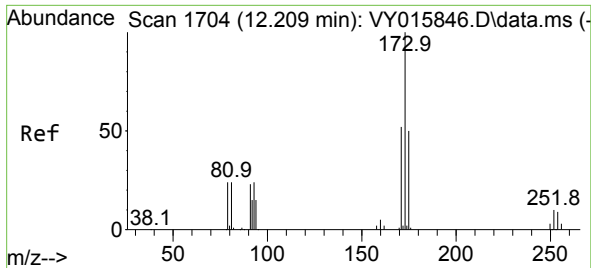
Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 53.9 44.6 67.0

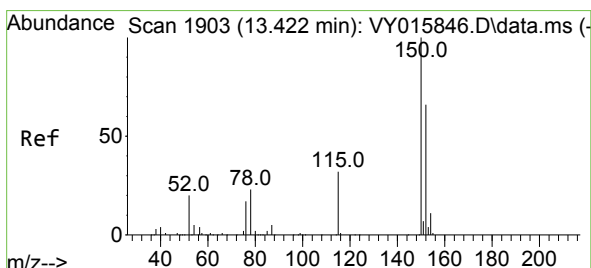
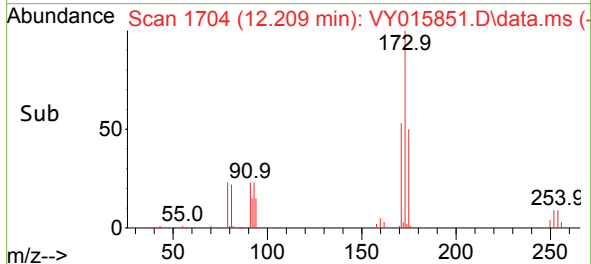
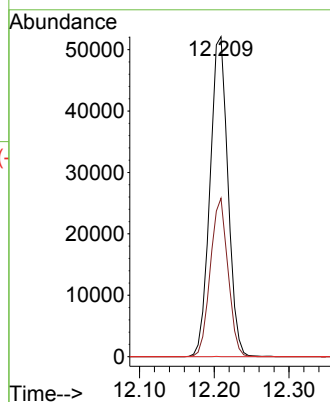
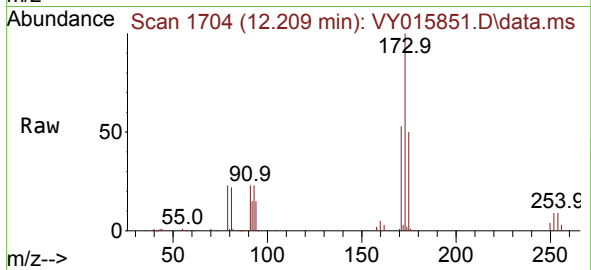




#71
Bromoform
Concen: 48.575 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

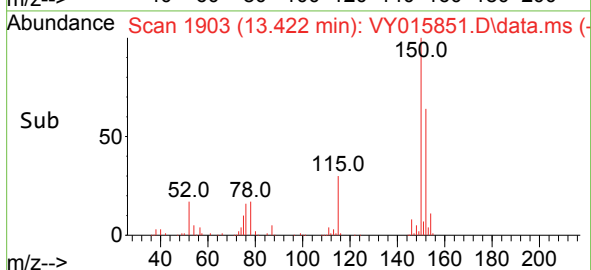
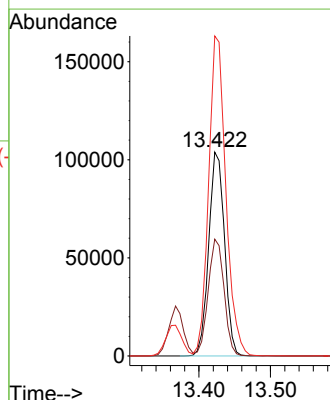
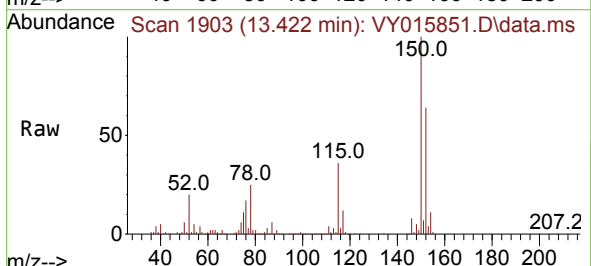
Instrument :
MSVOA_Y
ClientSampleId :

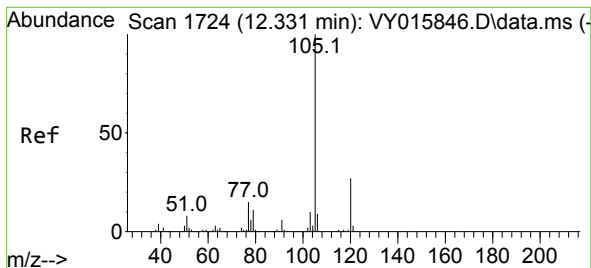
Tgt Ion:173 Resp: 86736
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion:152 Resp: 159733
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 170.5 0.0 348.8





#73

Isopropylbenzene

Concen: 49.073 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

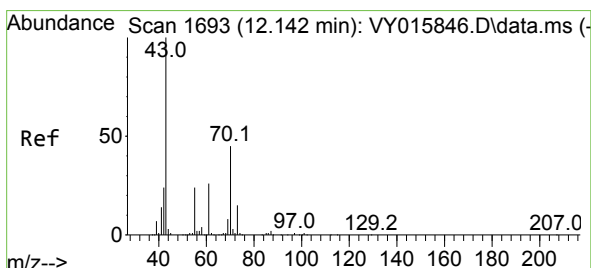
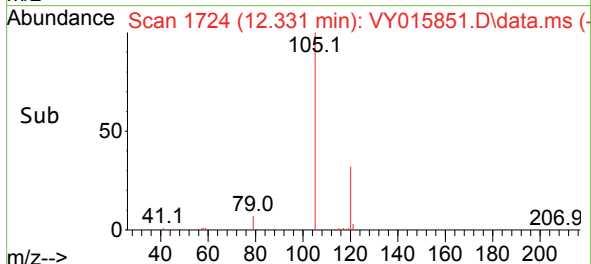
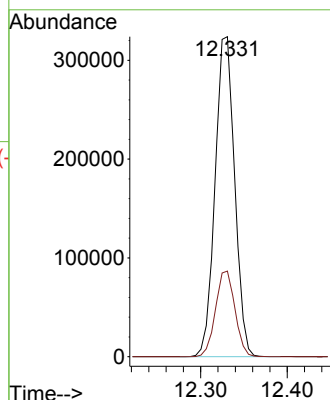
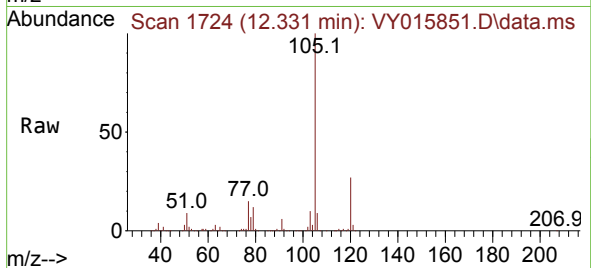
ClientSampleId :

Tgt Ion:105 Resp: 507771

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 47.557 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Tgt Ion: 43 Resp: 190153

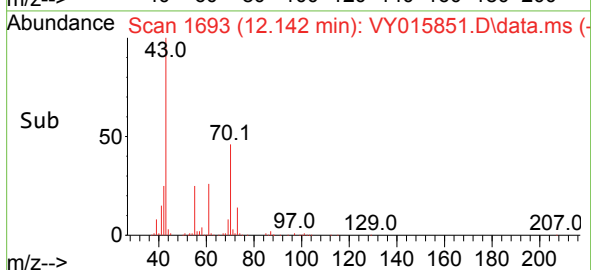
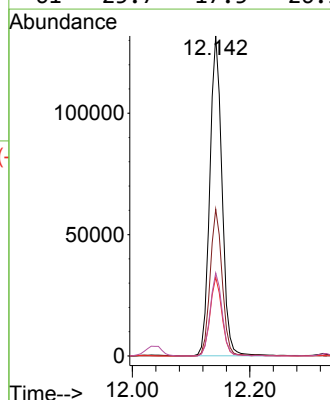
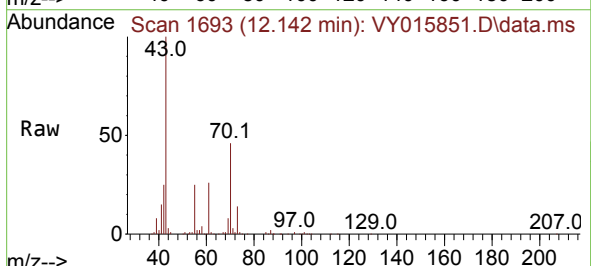
Ion Ratio Lower Upper

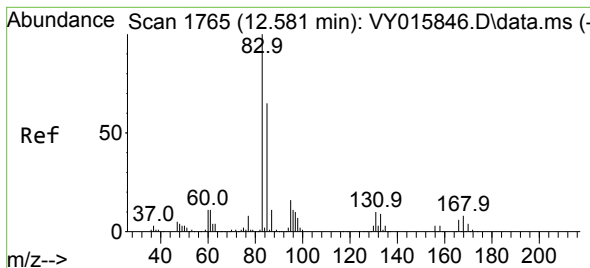
43 100

70 45.4 29.7 44.5#

55 24.1 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.289 ug/l

RT: 12.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

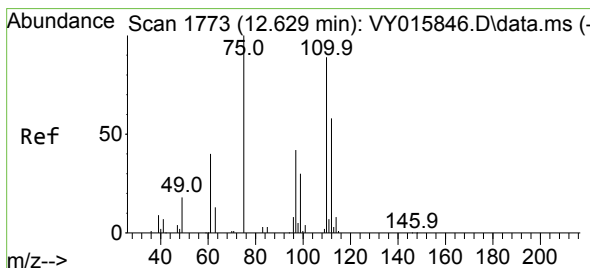
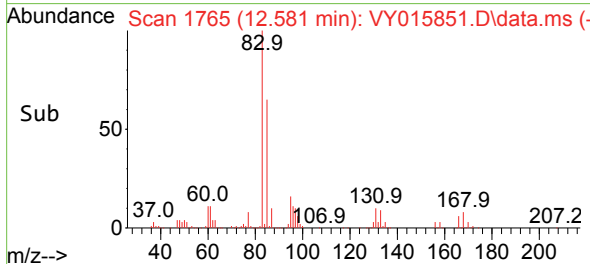
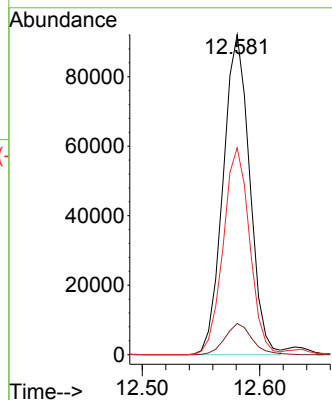
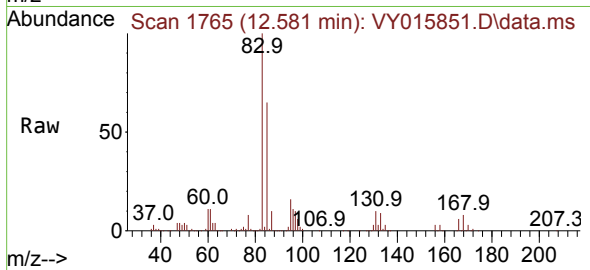
Tgt Ion: 83 Resp: 144539

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 78.302 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015851.D

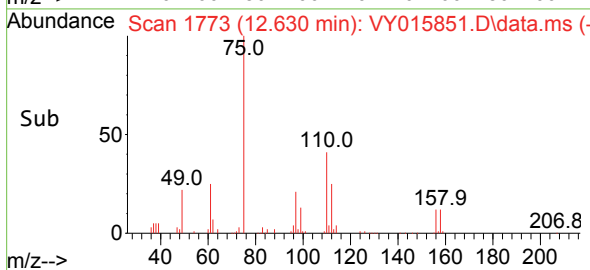
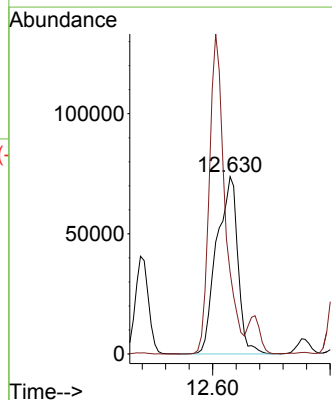
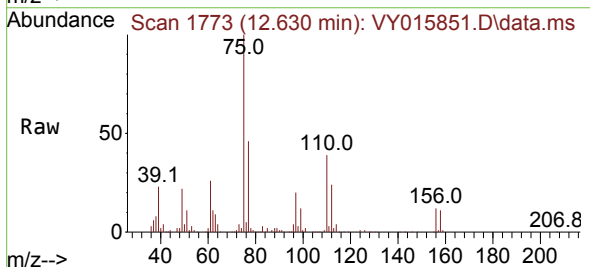
Acq: 05 Oct 2023 16:26

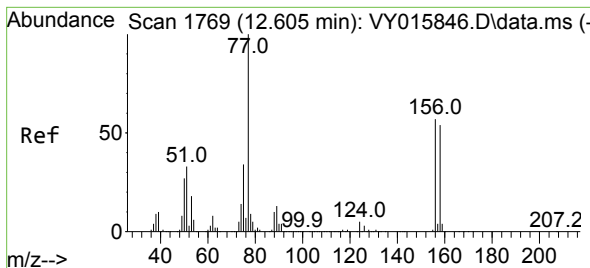
Tgt Ion: 75 Resp: 185153

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.078 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

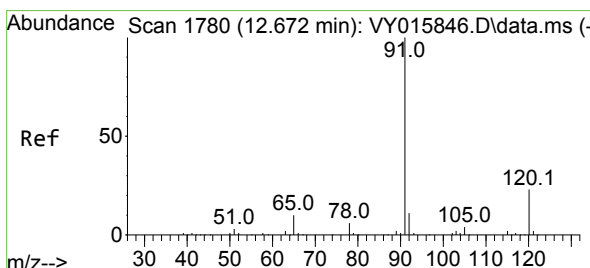
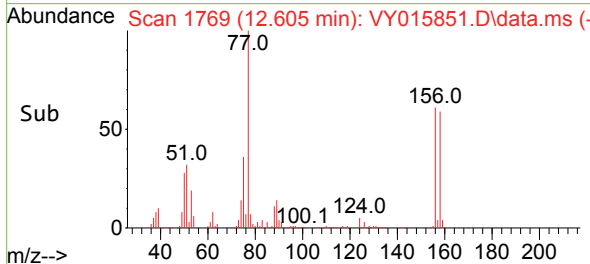
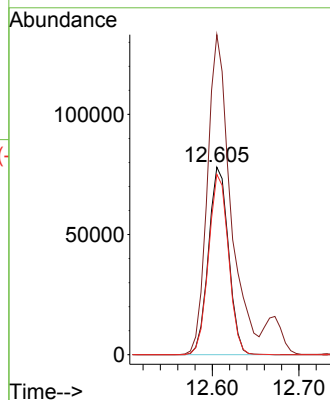
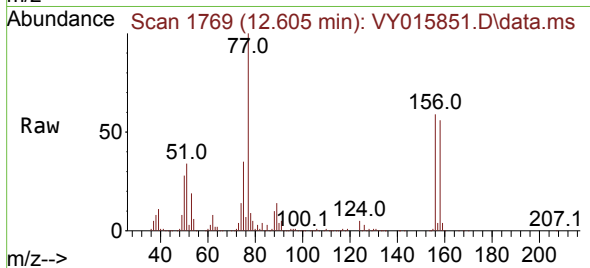
Tgt Ion:156 Resp: 125629

Ion Ratio Lower Upper

156 100

77 197.1 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 49.558 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015851.D

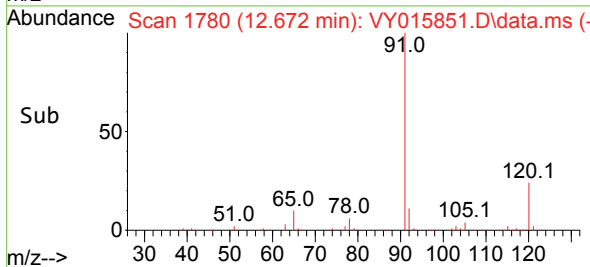
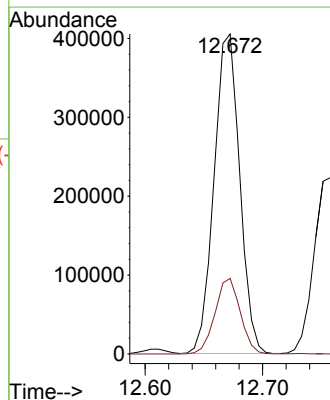
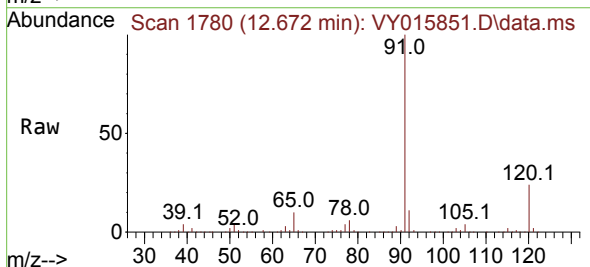
Acq: 05 Oct 2023 16:26

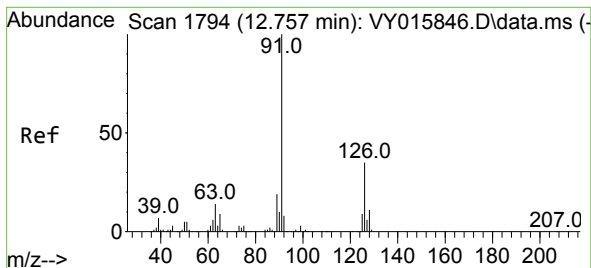
Tgt Ion: 91 Resp: 614217

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

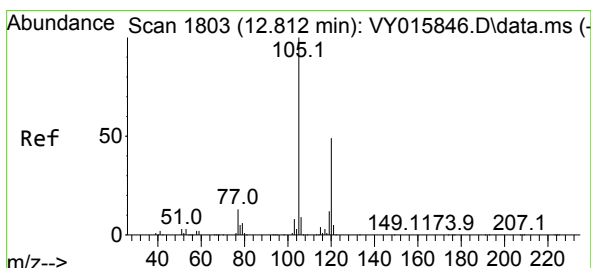
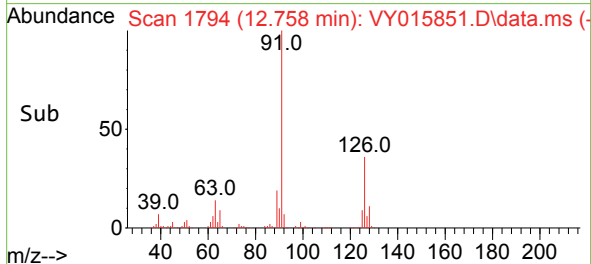
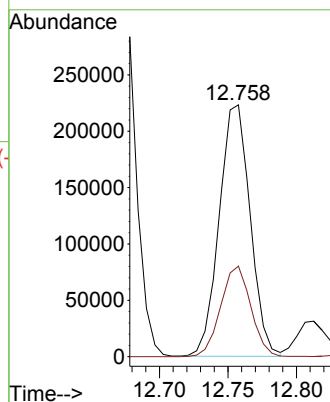
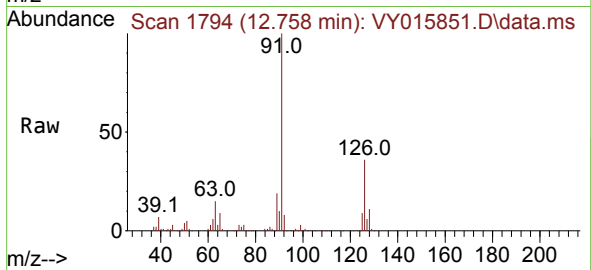




#79
2-Chlorotoluene
Concen: 49.214 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

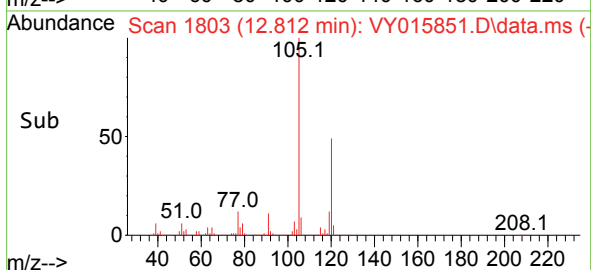
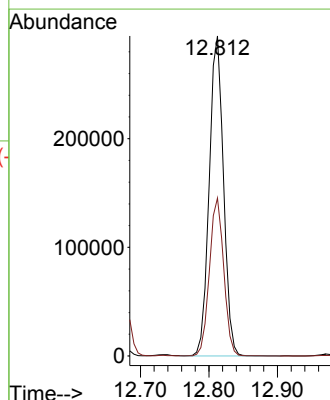
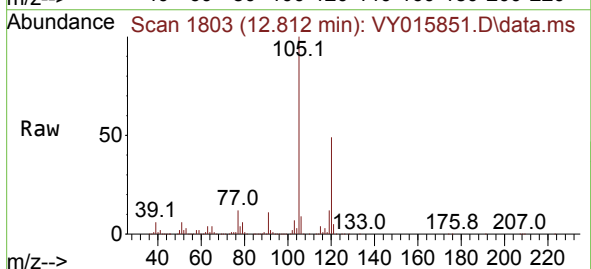
Instrument :
MSVOA_Y
ClientSampleId :

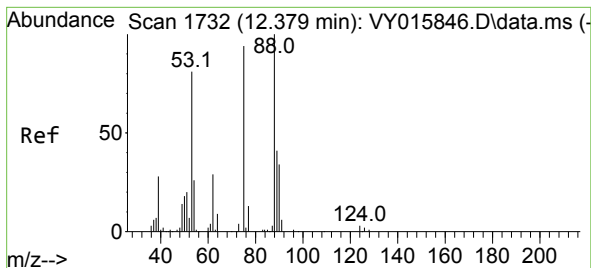
Tgt Ion: 91 Resp: 351257
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.495 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 105 Resp: 426815
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

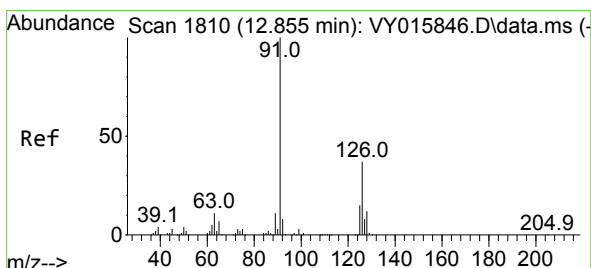
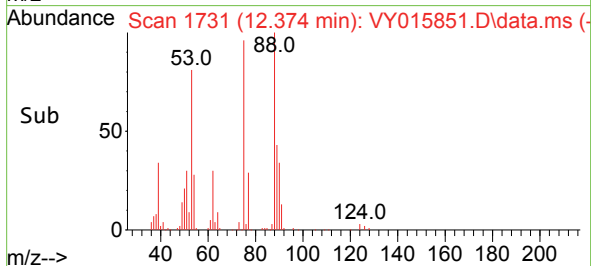
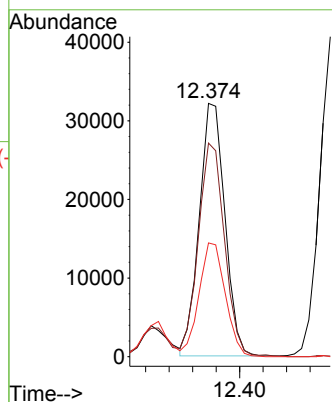
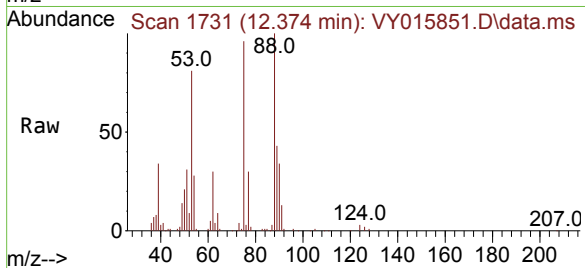




#81
trans-1,4-Dichloro-2-butene
Concen: 47.728 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

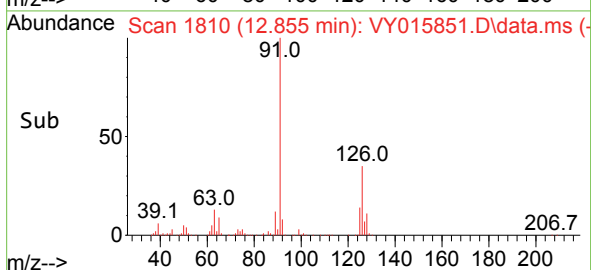
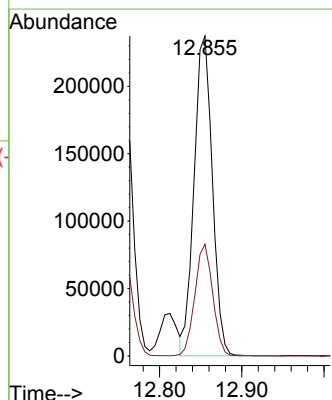
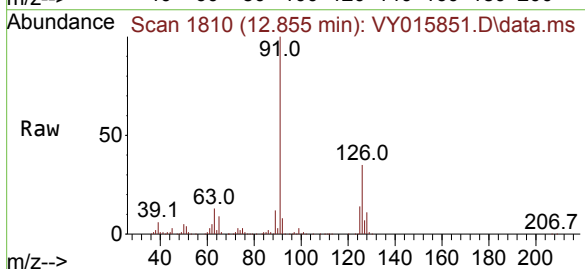
Instrument :
MSVOA_Y
ClientSampleId :

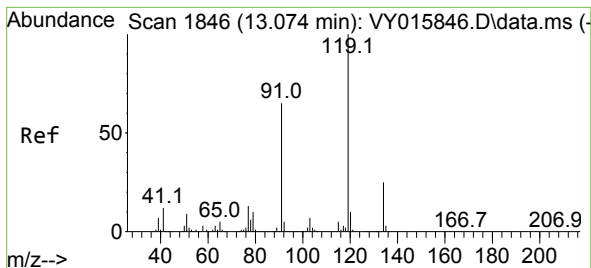
Tgt Ion: 75 Resp: 48753
Ion Ratio Lower Upper
75 100
53 86.6 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.028 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015851.D
Acq: 05 Oct 2023 16:26

Tgt Ion: 91 Resp: 366246
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.989 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

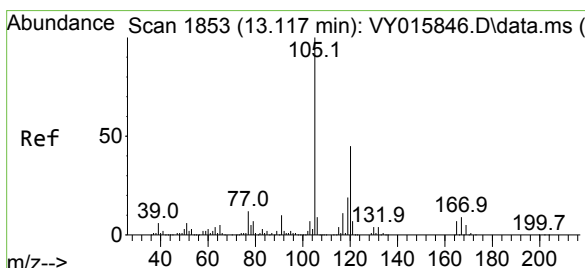
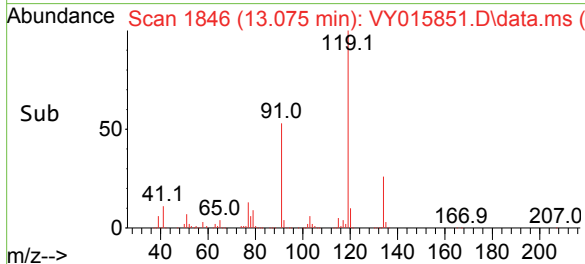
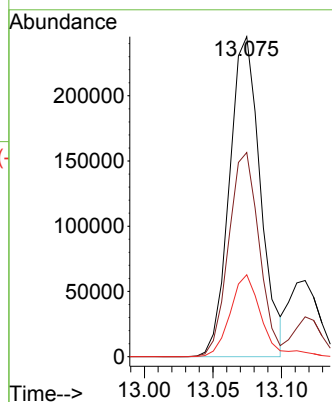
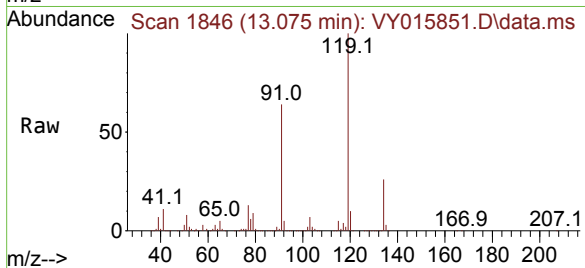
Tgt Ion:119 Resp: 386156

Ion Ratio Lower Upper

119 100

91 62.8 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.334 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015851.D

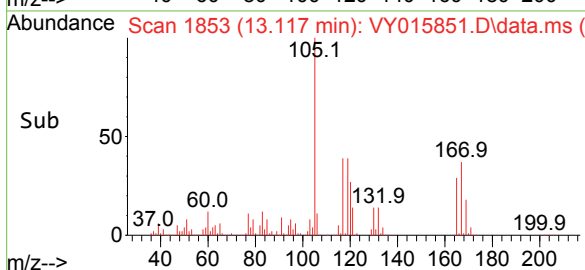
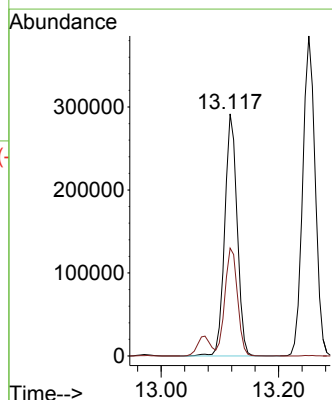
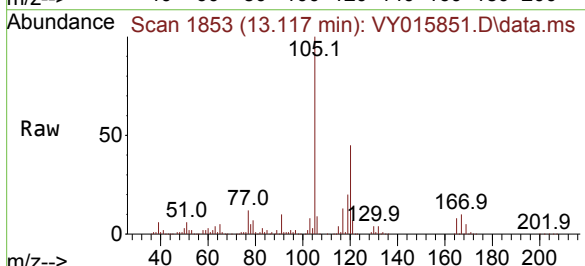
Acq: 05 Oct 2023 16:26

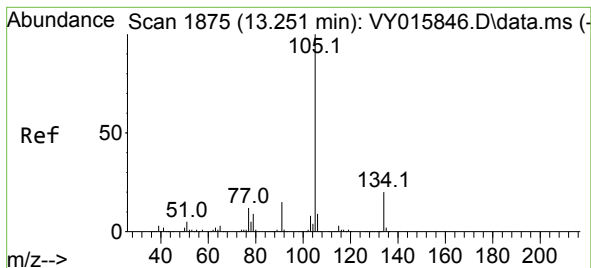
Tgt Ion:105 Resp: 427391

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.005 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

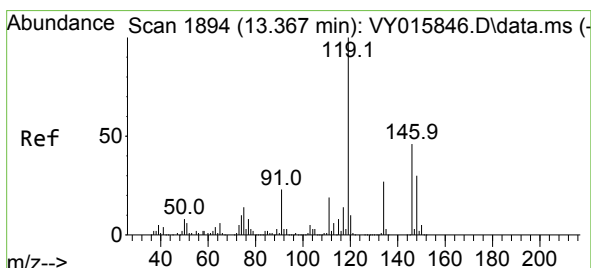
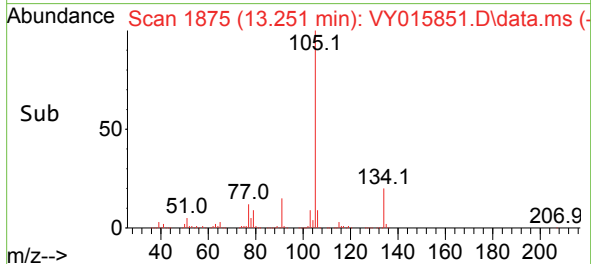
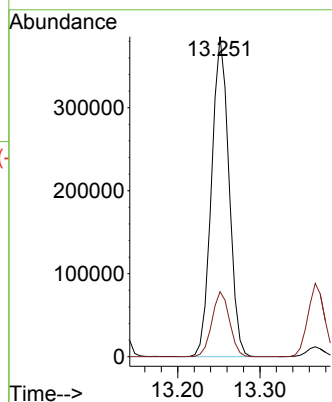
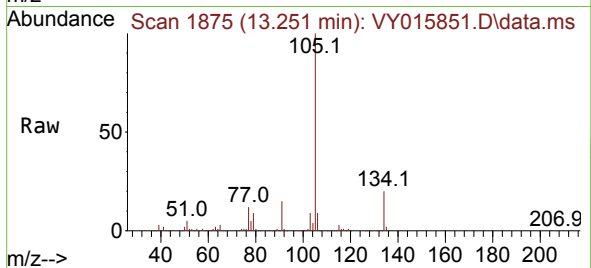
ClientSampleId :

Tgt Ion:105 Resp: 566719

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.208 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

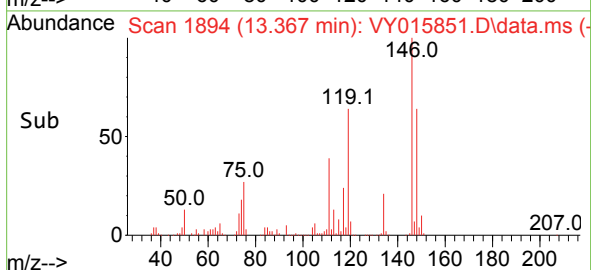
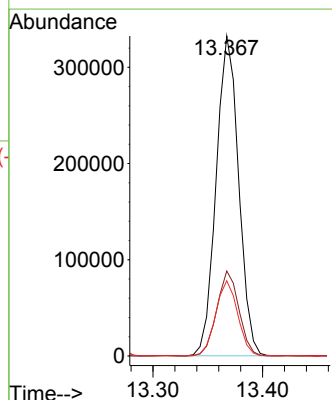
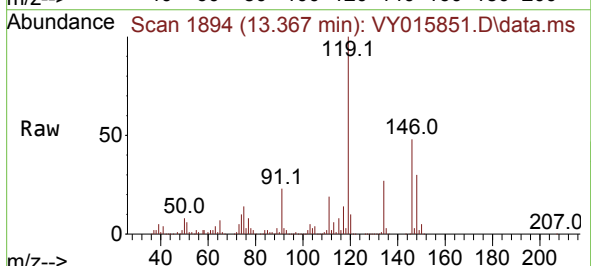
Tgt Ion:119 Resp: 473897

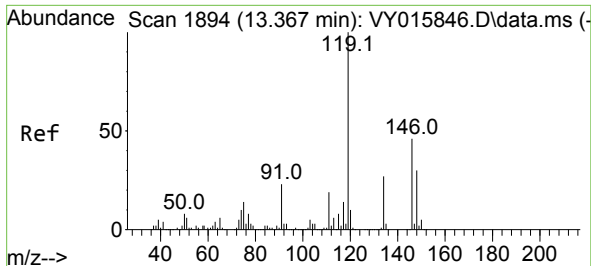
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.0 12.4 37.4

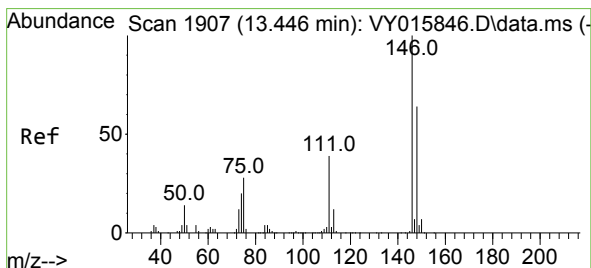
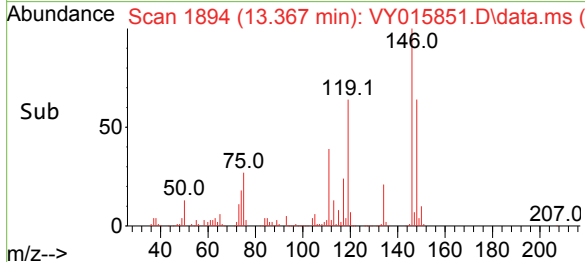
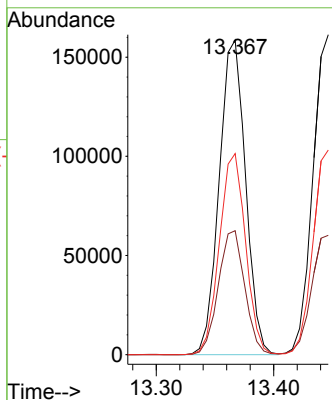
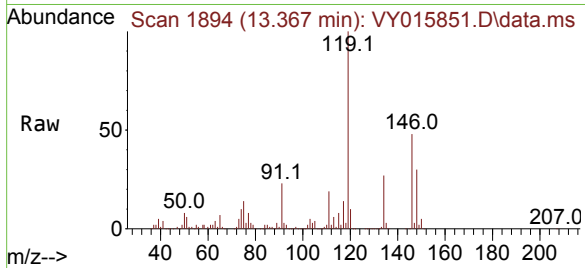




#87
 1,3-Dichlorobenzene
 Concen: 48.308 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

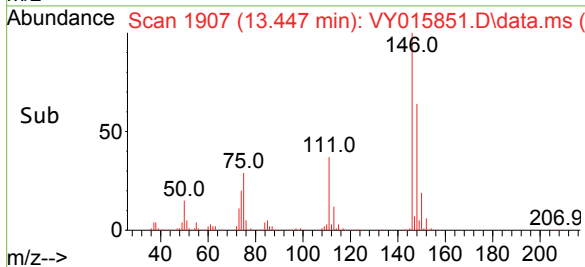
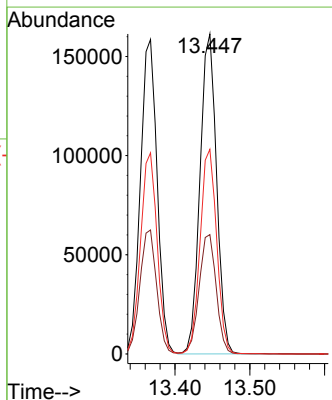
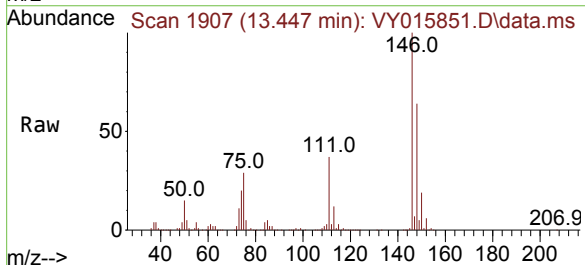
Instrument :
 MSVOA_Y
 ClientSampleId :

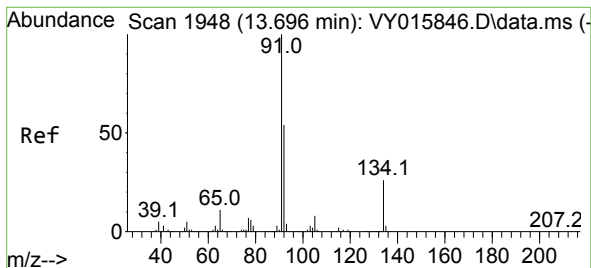
Tgt Ion:146 Resp: 247587
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.4 58.2
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.913 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015851.D
 Acq: 05 Oct 2023 16:26

Tgt Ion:146 Resp: 248283
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 49.000 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

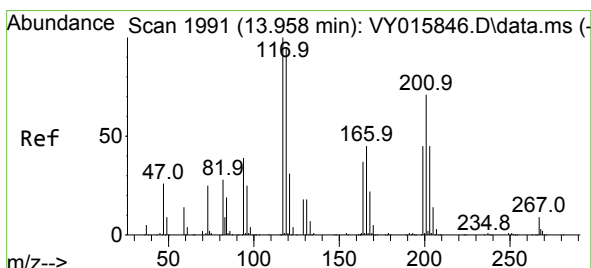
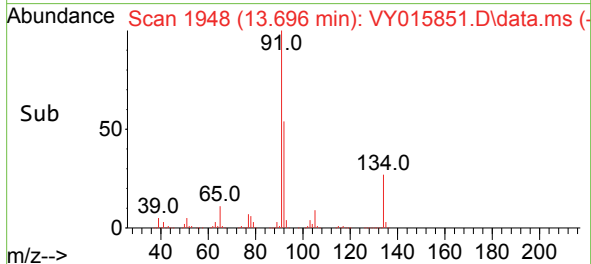
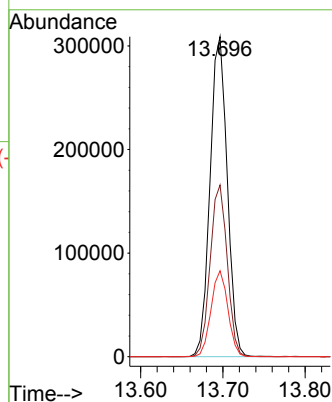
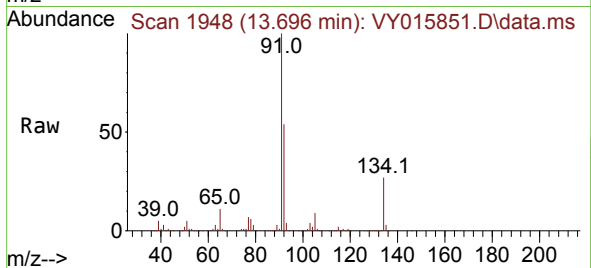
Tgt Ion: 91 Resp: 449027

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 49.038 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015851.D

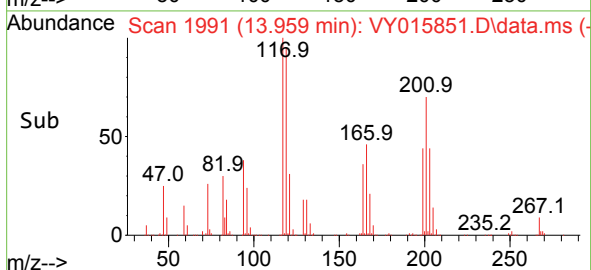
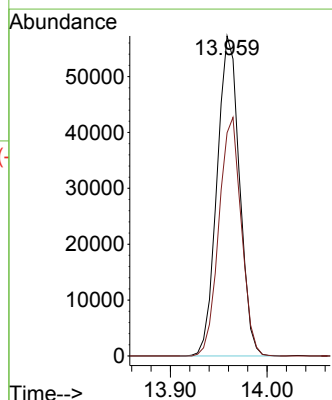
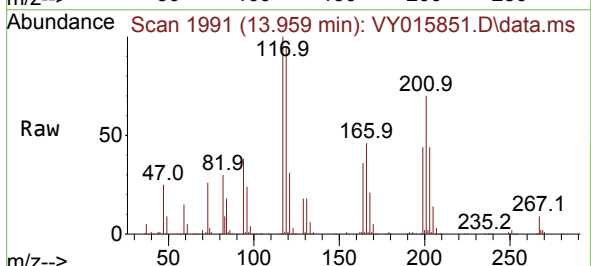
Acq: 05 Oct 2023 16:26

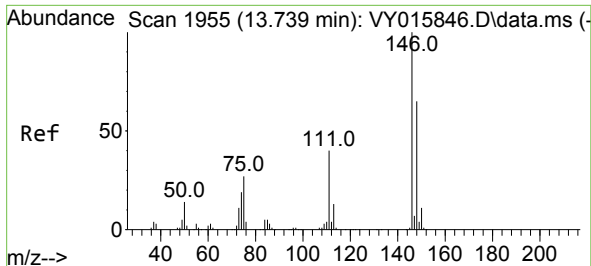
Tgt Ion: 117 Resp: 92180

Ion Ratio Lower Upper

117 100

201 74.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.270 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

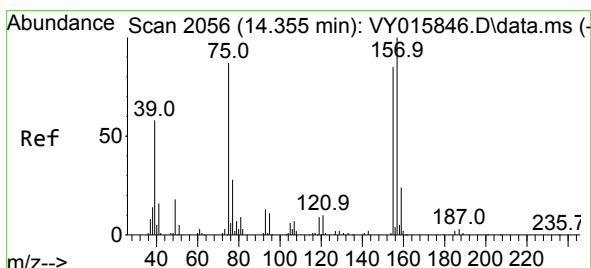
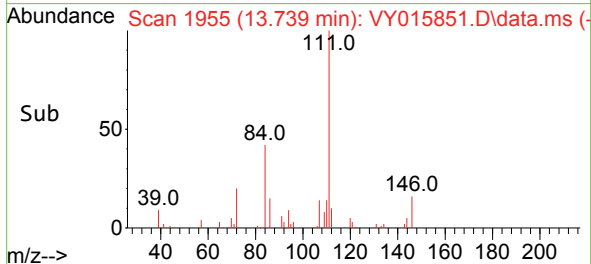
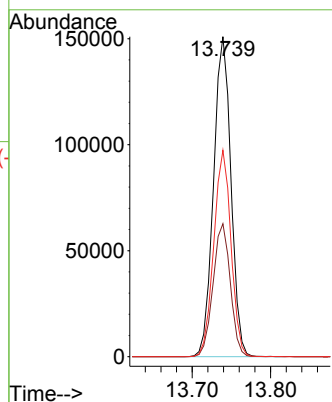
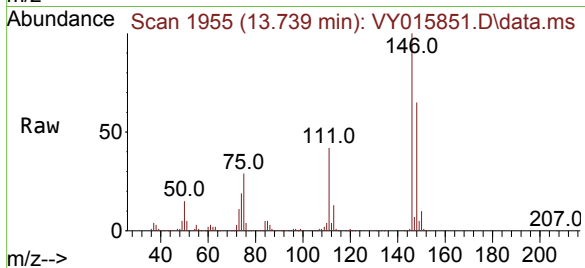
Tgt Ion:146 Resp: 232991

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.094 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

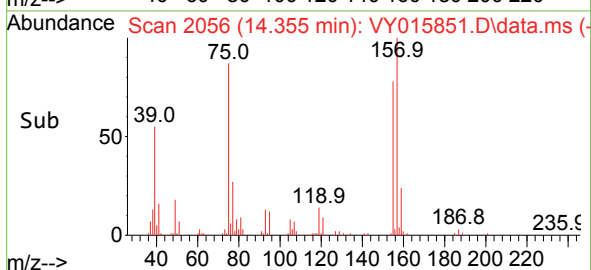
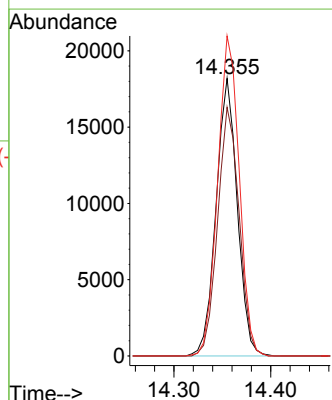
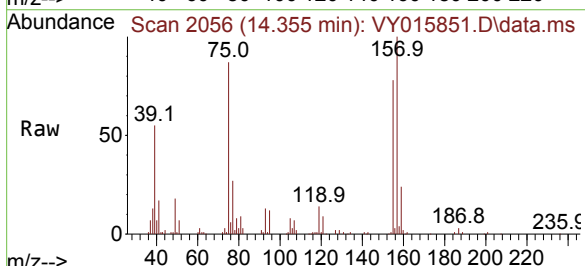
Tgt Ion: 75 Resp: 27657

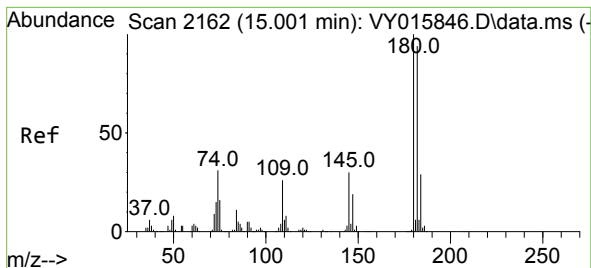
Ion Ratio Lower Upper

75 100

155 91.0 41.5 124.6

157 117.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.767 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

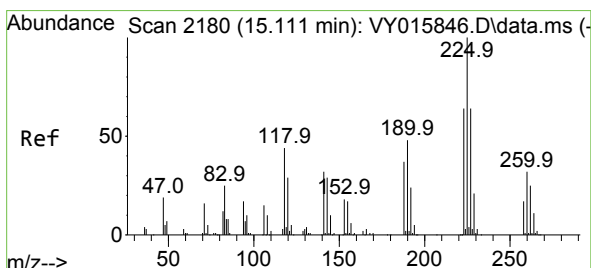
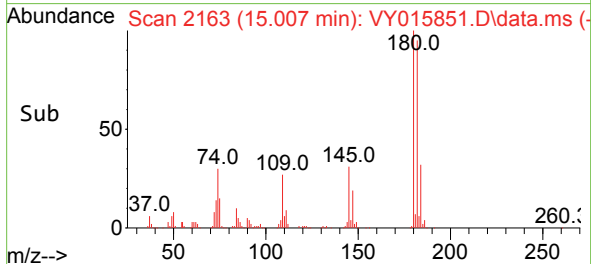
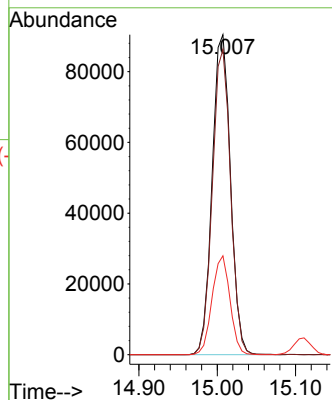
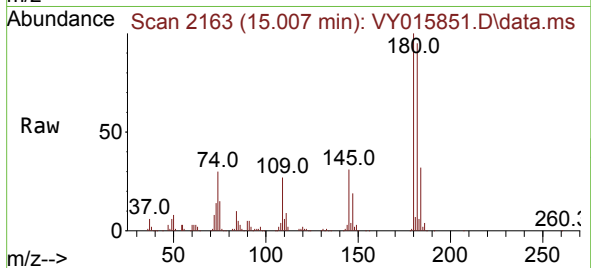
Tgt Ion:180 Resp: 146923

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.233 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

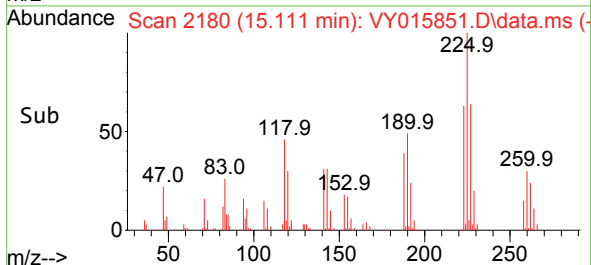
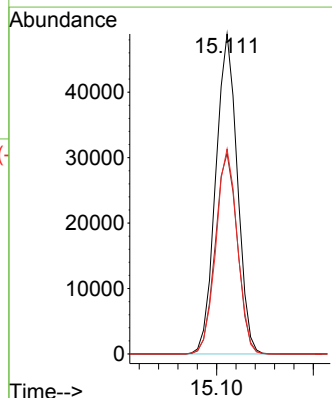
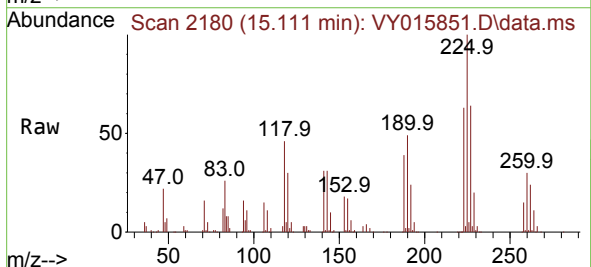
Tgt Ion:225 Resp: 75681

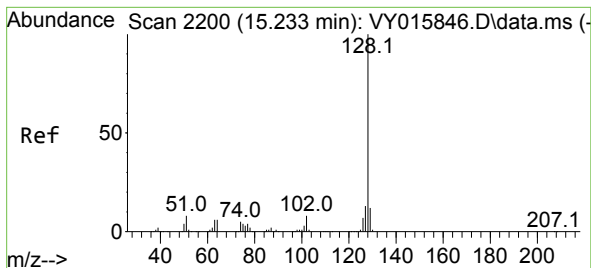
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 45.926 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

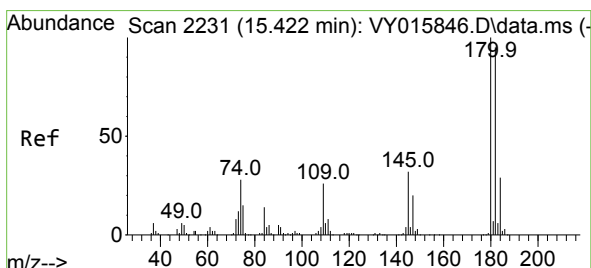
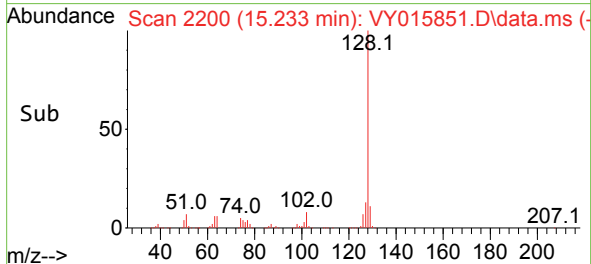
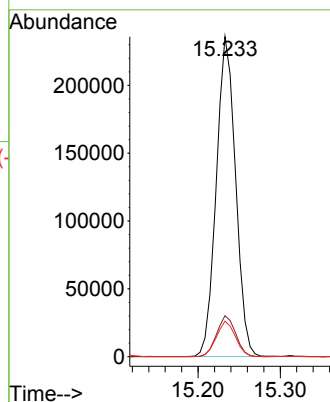
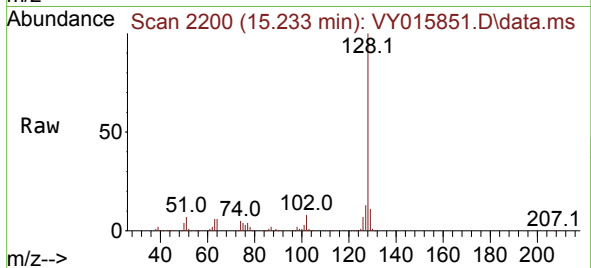
Tgt Ion:128 Resp: 384723

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.831 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015851.D

Acq: 05 Oct 2023 16:26

Tgt Ion:180 Resp: 134905

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.4 15.4 46.2

