

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015882.D
 Acq On : 09 Oct 2023 15:07
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 05:24:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	182758	97.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.620%#	
35) Dibromofluoromethane	7.716	113	186898	98.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.400%#	
50) Toluene-d8	10.179	98	622156	99.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 198.380%#	
62) 4-Bromofluorobenzene	12.483	95	242857	95.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 190.660%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	85792	103.295	ug/l	98
3) Chloromethane	2.113	50	93697	110.291	ug/l	98
4) Vinyl Chloride	2.253	62	118725	109.575	ug/l	98
5) Bromomethane	2.631	94	89273	100.482	ug/l	98
6) Chloroethane	2.784	64	92381	108.579	ug/l	98
7) Trichlorofluoromethane	3.119	101	242334	105.405	ug/l	98
8) Diethyl Ether	3.534	74	105206	108.163	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	161732	103.654	ug/l	95
10) Methyl Iodide	4.088	142	167014	103.924	ug/l	96
11) Tert butyl alcohol	4.960	59	179240	Below Cal	#	84
12) 1,1-Dichloroethene	3.875	96	132969	110.793	ug/l	91
13) Acrolein	3.729	56	59009	516.733	ug/l	100
14) Allyl chloride	4.479	41	242680	109.671	ug/l	91
15) Acrylonitrile	5.167	53	363212	543.043	ug/l	98
16) Acetone	3.948	43	366073	542.885	ug/l	91
17) Carbon Disulfide	4.192	76	194005	104.970	ug/l	100
18) Methyl Acetate	4.479	43	291067	114.912	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	585022	107.568	ug/l	100
20) Methylene Chloride	4.716	84	186207	106.589	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	151908	109.079	ug/l	95
22) Diisopropyl ether	6.125	45	622073	105.104	ug/l	# 89
23) Vinyl Acetate	6.064	43	1772359	544.573	ug/l	# 94
24) 1,1-Dichloroethane	6.015	63	339933	104.264	ug/l	98
25) 2-Butanone	6.984	43	526564	513.751	ug/l	94
26) 2,2-Dichloropropane	6.984	77	302529	99.778	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	217973	106.047	ug/l	93
28) Bromochloromethane	7.332	49	186584	99.298	ug/l	91
29) Tetrahydrofuran	7.350	42	316135	563.826	ug/l	92
30) Chloroform	7.508	83	376496	103.531	ug/l	98
31) Cyclohexane	7.789	56	196263	98.079	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	312380	105.184	ug/l	97
36) 1,1-Dichloropropene	7.917	75	226937	107.666	ug/l	99
37) Ethyl Acetate	7.076	43	198501	109.655	ug/l	# 94
38) Carbon Tetrachloride	7.905	117	266432	105.253	ug/l	99
39) Methylcyclohexane	9.185	83	233823	109.211	ug/l	94
40) Benzene	8.161	78	708113	106.901	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	282395	250.979	ug/l #	17
42) 1,2-Dichloroethane	8.240	62	239422	106.033	ug/l	93
43) Isopropyl Acetate	8.271	43	368648	110.015	ug/l	95
44) Trichloroethene	8.941	130	201362	105.053	ug/l	100
45) 1,2-Dichloropropane	9.216	63	206377	103.582	ug/l	98
46) Dibromomethane	9.307	93	128038	107.988	ug/l	96
47) Bromodichloromethane	9.496	83	308590	104.649	ug/l	97
48) Methyl methacrylate	9.295	41	162985	110.138	ug/l	86
49) 1,4-Dioxane	9.301	88	48855	2370.354	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	1091938	544.663	ug/l	91
52) Toluene	10.246	92	465448	105.857	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	325688	109.251	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	347084	107.183	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	199169	105.496	ug/l	97
56) Ethyl methacrylate	10.508	69	290529	113.352	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	321584	105.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	851803	545.249	ug/l	95
59) 2-Hexanone	10.831	43	807976	532.710	ug/l	88
60) Dibromochloromethane	10.983	129	239544	105.840	ug/l	99
61) 1,2-Dibromoethane	11.087	107	186999	108.450	ug/l	99
64) Tetrachloroethene	10.721	164	203920	102.377	ug/l	96
65) Chlorobenzene	11.520	112	550922	103.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	227914	104.740	ug/l	99
67) Ethyl Benzene	11.593	91	957836	104.872	ug/l	99
68) m/p-Xylenes	11.703	106	728874	211.784	ug/l	95
69) o-Xylene	12.032	106	364214	105.770	ug/l	97
70) Styrene	12.044	104	639435	106.432	ug/l	96
71) Bromoform	12.209	173	165383	109.143	ug/l #	99
73) Isopropylbenzene	12.331	105	987064	104.250	ug/l	100
74) N-amyl acetate	12.142	43	331791	111.196	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	264643	107.794	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	334228	185.091	ug/l #	100
77) Bromobenzene	12.611	156	241110	103.853	ug/l	97
78) n-propylbenzene	12.672	91	1169466	102.708	ug/l	99
79) 2-Chlorotoluene	12.758	91	668564	103.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	821492	105.270	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	89939	113.823	ug/l	91
82) 4-Chlorotoluene	12.855	91	700663	103.664	ug/l	100
83) tert-Butylbenzene	13.075	119	739476	101.537	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	819587	104.293	ug/l	98
85) sec-Butylbenzene	13.251	105	1091648	102.209	ug/l	100
86) p-Isopropyltoluene	13.367	119	908713	102.849	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	473648	101.334	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	472983	100.485	ug/l	99
89) n-Butylbenzene	13.696	91	850727	101.748	ug/l	96
90) Hexachloroethane	13.959	117	181567	102.398	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	442624	101.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	47407	109.954	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	285681	102.597	ug/l	99
94) Hexachlorobutadiene	15.111	225	148153	99.361	ug/l	98
95) Naphthalene	15.233	128	712845	110.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	255474	103.142	ug/l	98

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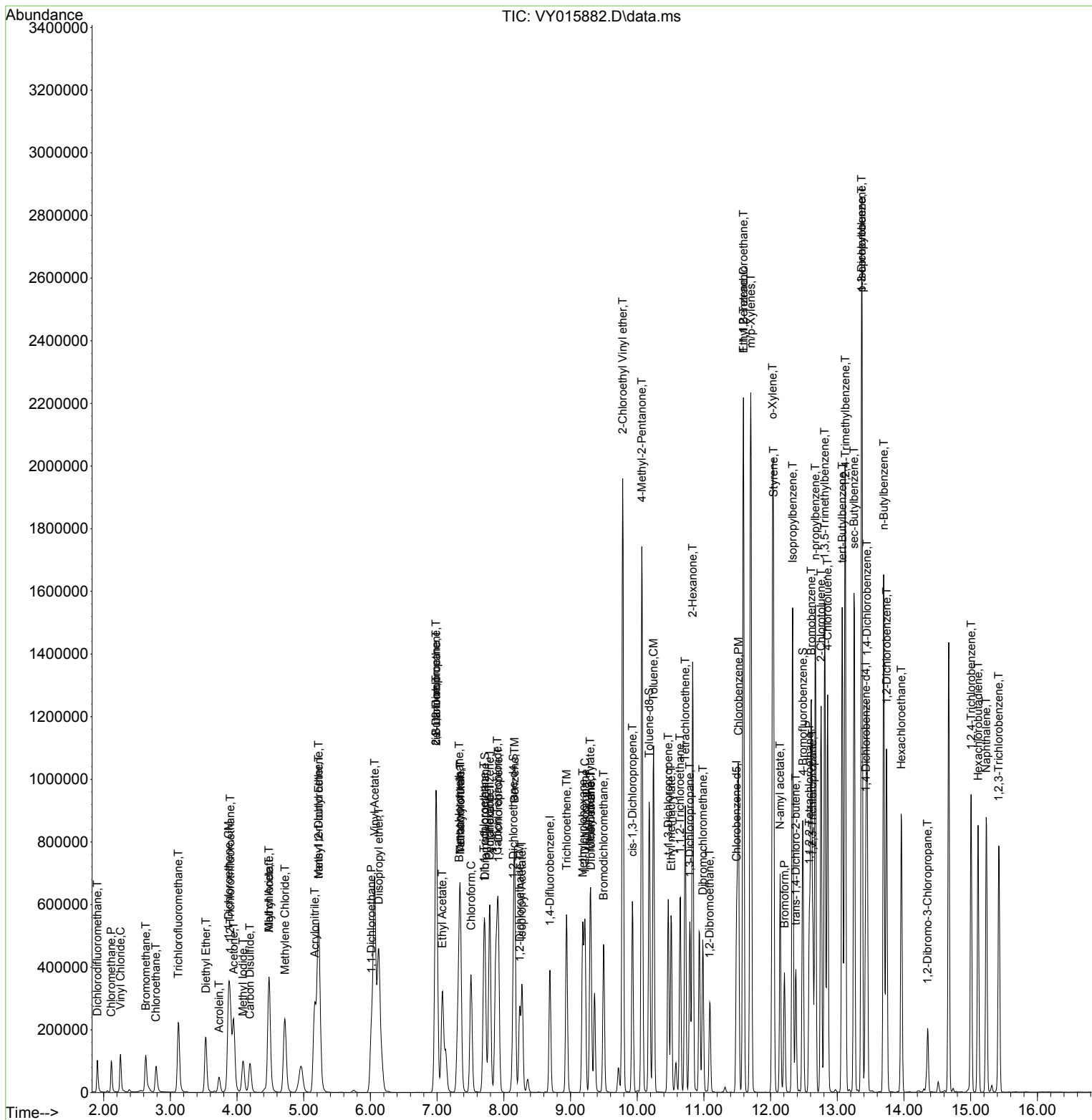
Instrument :
MSVOA_Y
ClientSampleId :

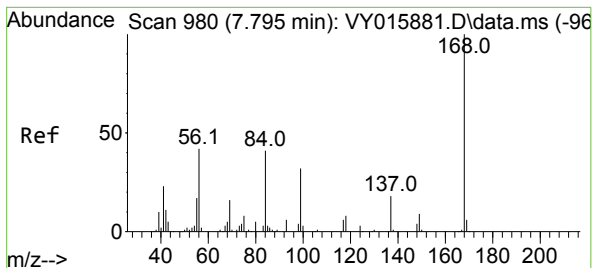
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Quant Title : SW846 8260
QLast Update : Tue Oct 10 05:24:20 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015882.D

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Instrument :

MSVOA_Y

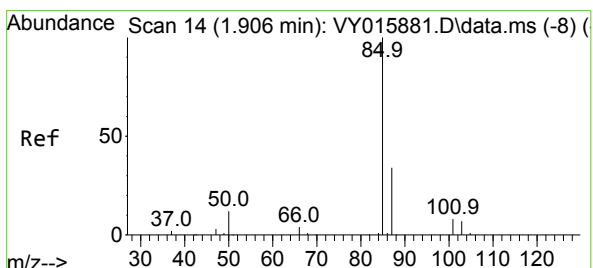
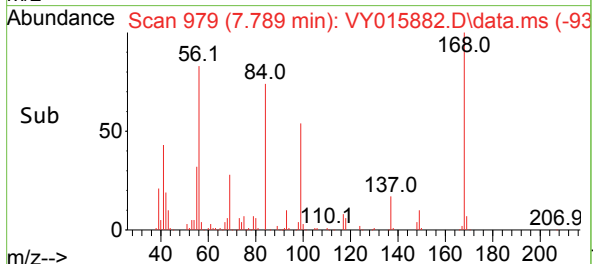
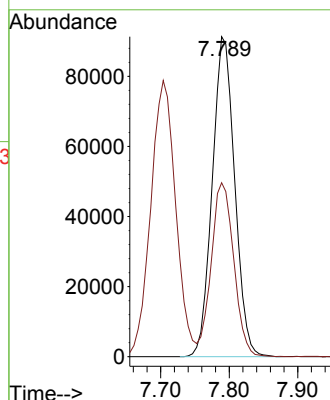
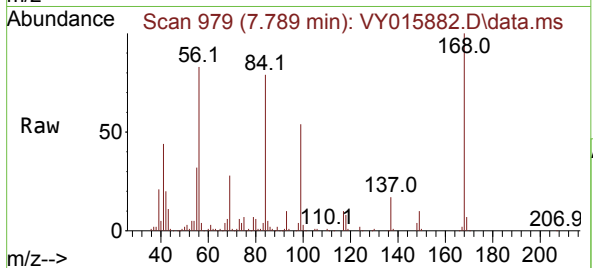
ClientSampleId :

Tgt Ion:168 Resp: 207648

Ion Ratio Lower Upper

168 100

99 54.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 103.295 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY015882.D

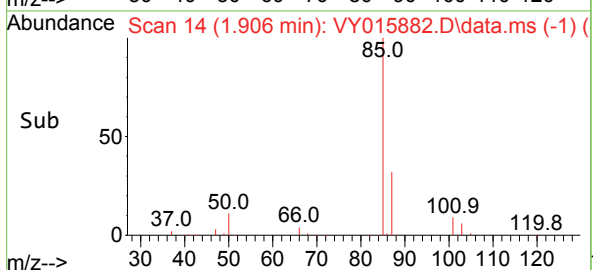
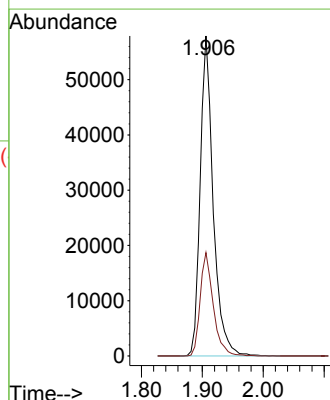
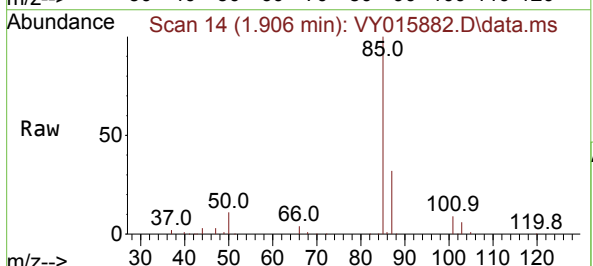
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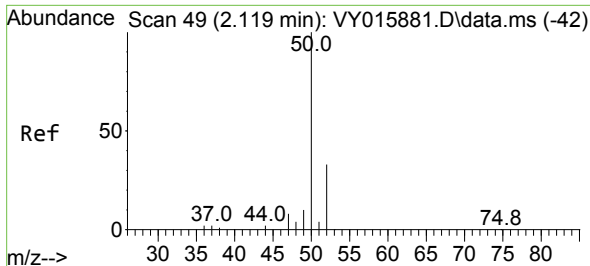
Tgt Ion: 85 Resp: 85792

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8

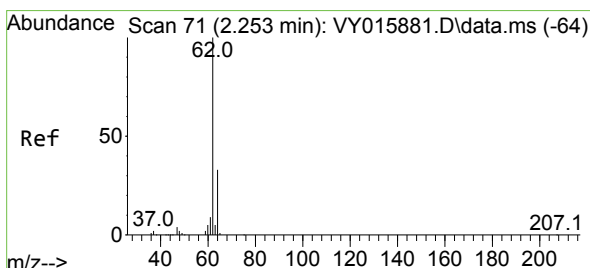
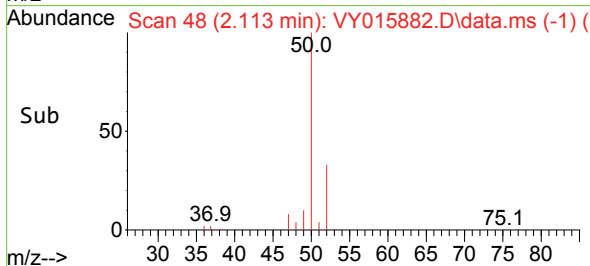
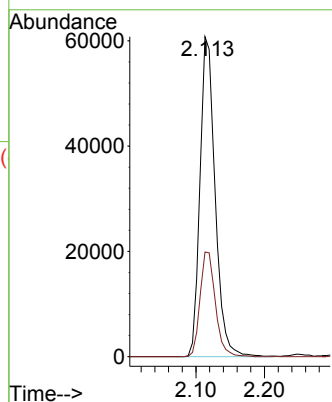
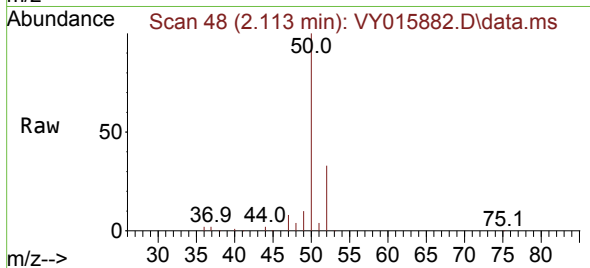




#3
Chloromethane
Concen: 110.291 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

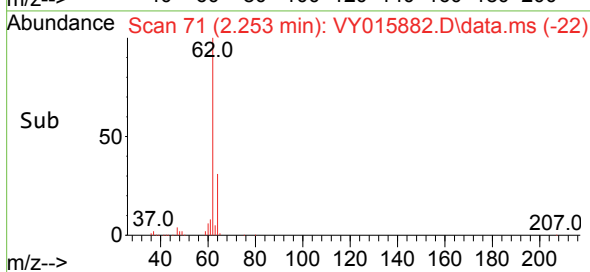
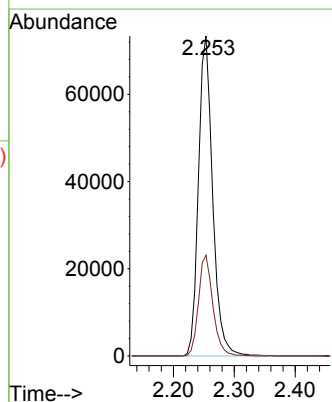
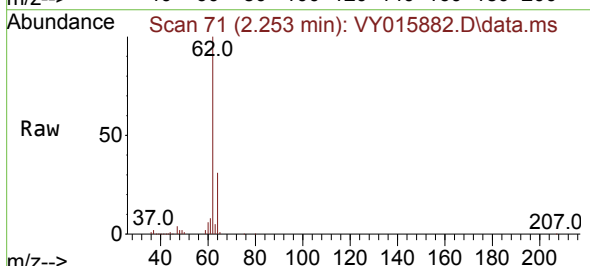
Instrument :
MSVOA_Y
ClientSampleId :

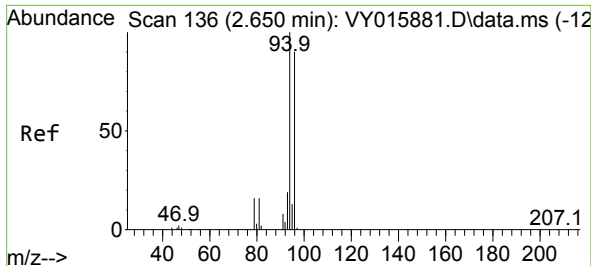
Tgt Ion: 50 Resp: 93697
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 109.575 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

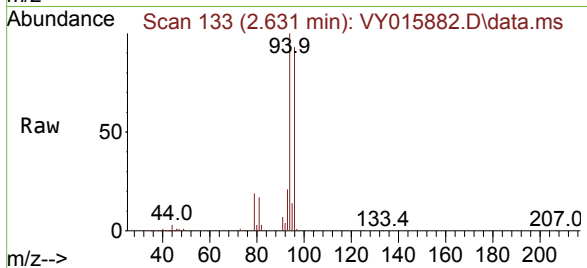
Tgt Ion: 62 Resp: 118725
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5



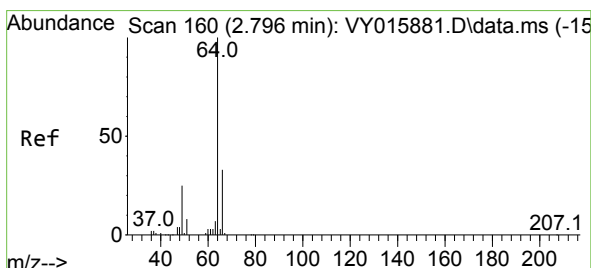
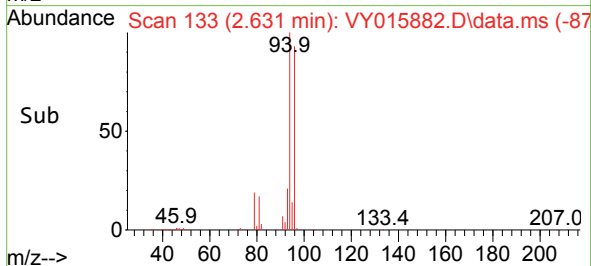
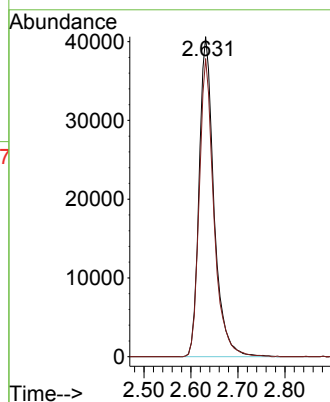


#5
Bromomethane
Concen: 100.482 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

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ClientSampleId :

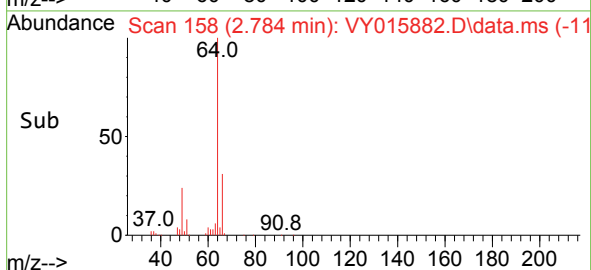
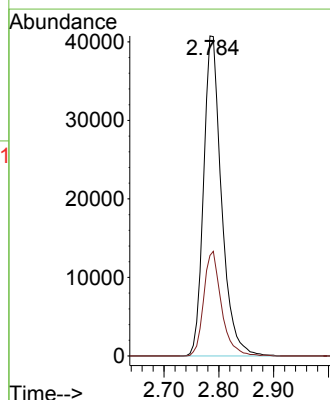
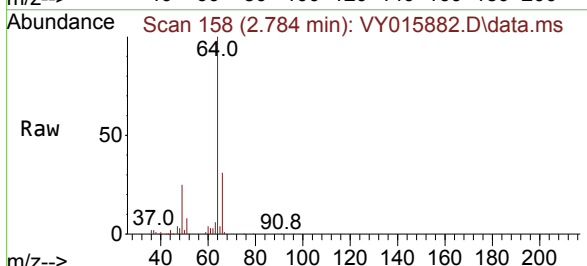


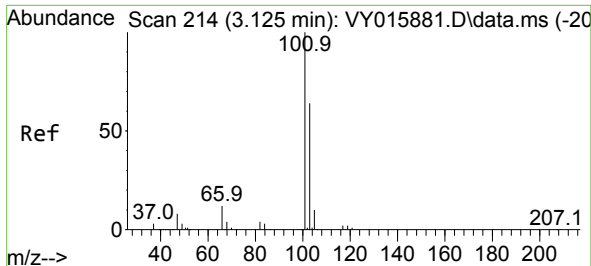
Tgt Ion: 94 Resp: 89273
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.6



#6
Chloroethane
Concen: 108.579 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

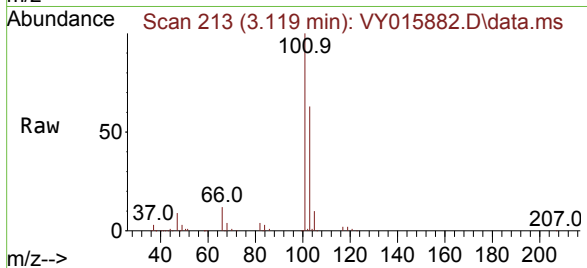
Tgt Ion: 64 Resp: 92381
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6



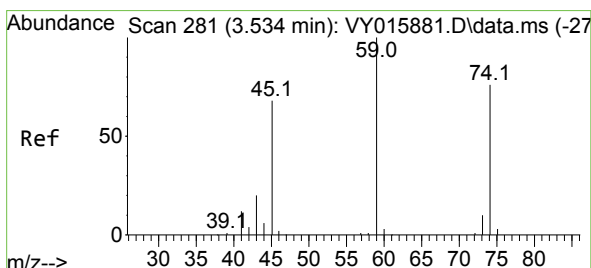
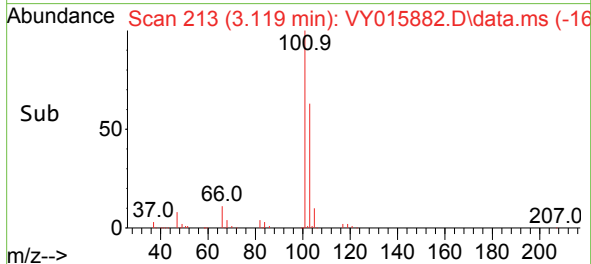
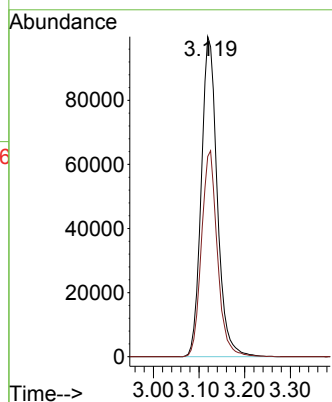


#7
 Trichlorofluoromethane
 Concen: 105.405 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

Instrument :
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 ClientSampleId :

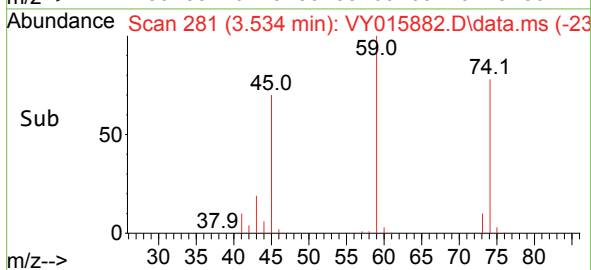
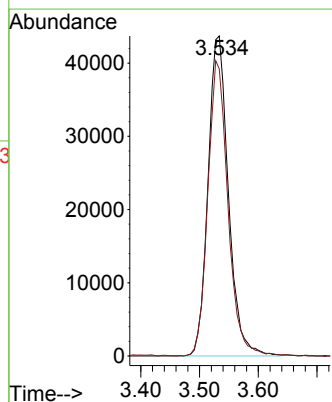
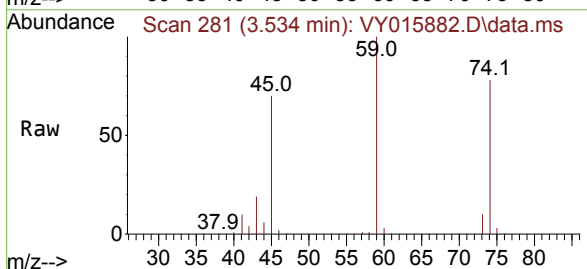


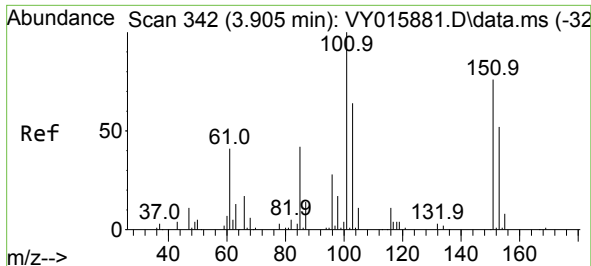
Tgt Ion:101 Resp: 242334
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 108.163 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

Tgt Ion: 74 Resp: 105206
 Ion Ratio Lower Upper
 74 100
 45 91.4 51.5 154.5

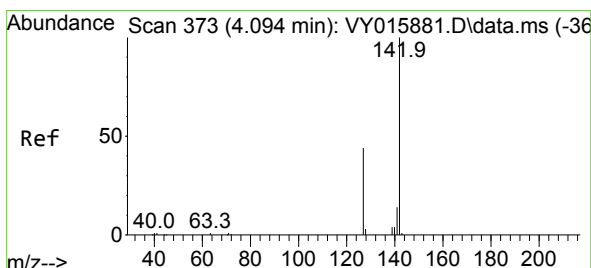
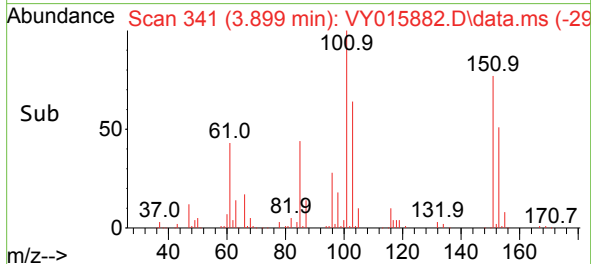
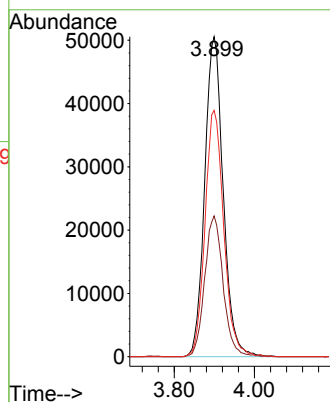
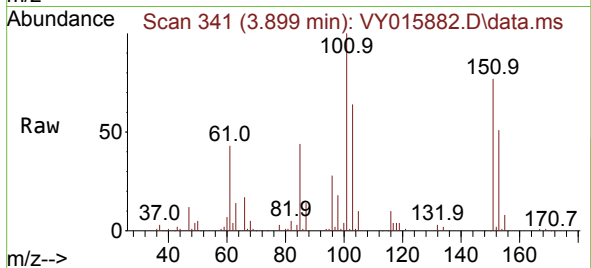




#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.654 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

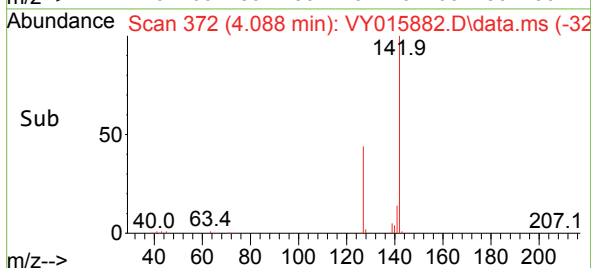
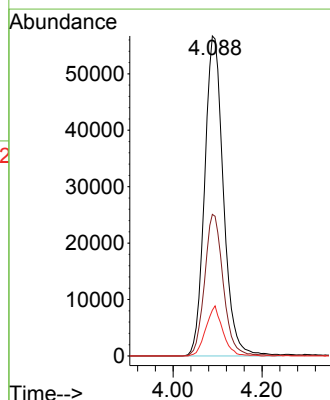
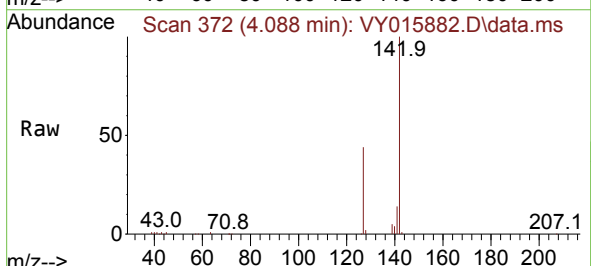
Instrument :
MSVOA_Y
ClientSampleId :

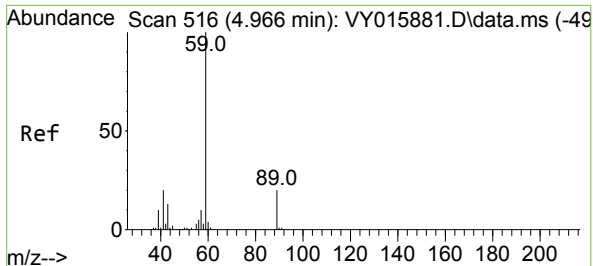
Tgt Ion:101 Resp: 161732
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 103.924 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion:142 Resp: 167014
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8

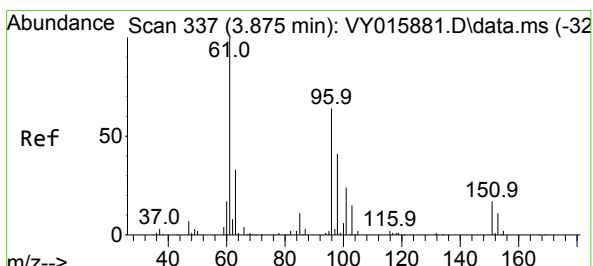
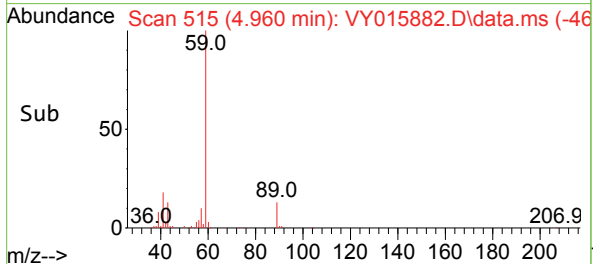
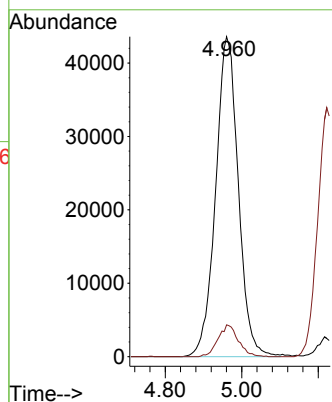
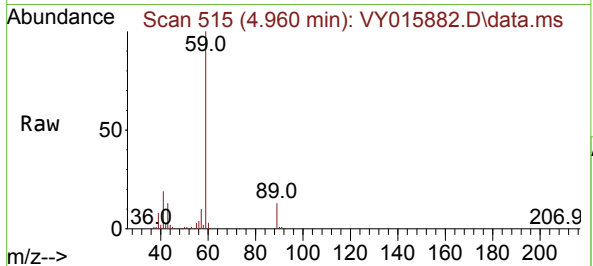




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

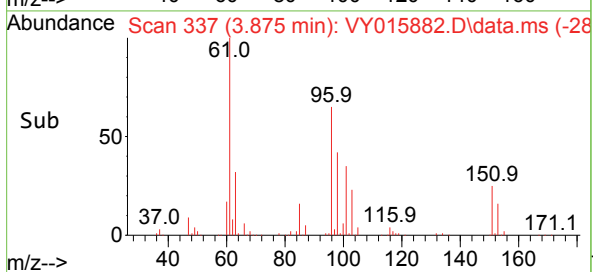
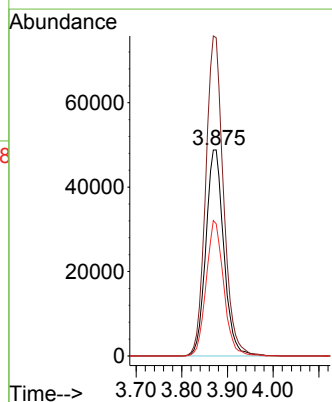
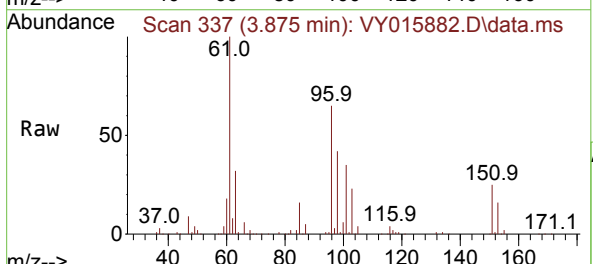
Instrument :
MSVOA_Y
ClientSampleId :

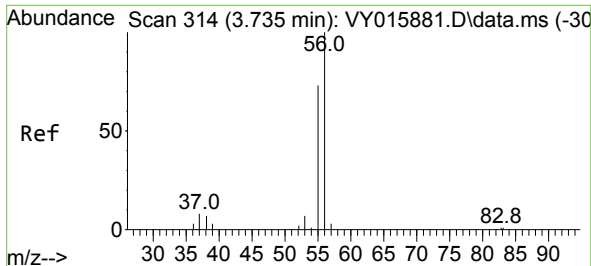
Tgt Ion: 59 Resp: 179240
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 110.793 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 96 Resp: 132969
Ion Ratio Lower Upper
96 100
61 154.5 136.4 204.6
98 64.1 49.4 74.2





#13

Acrolein

Concen: 516.733 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.006 min

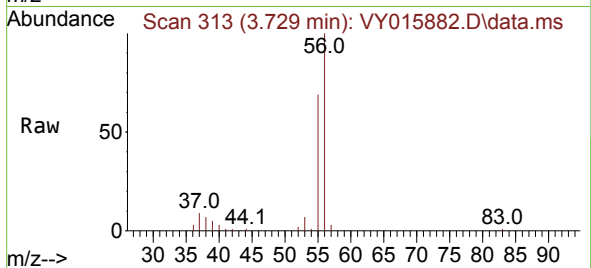
Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

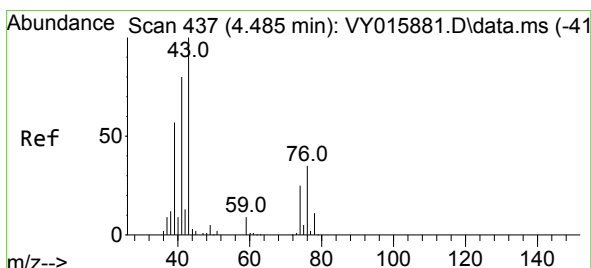
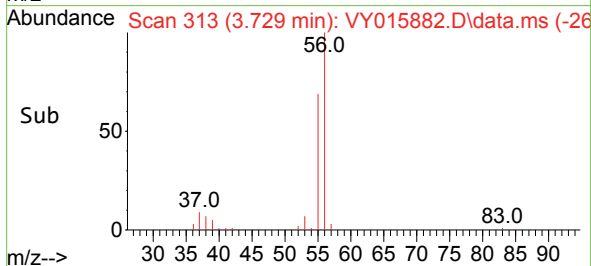
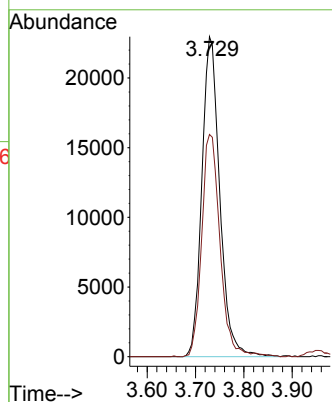


Tgt Ion: 56 Resp: 59009

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 109.671 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

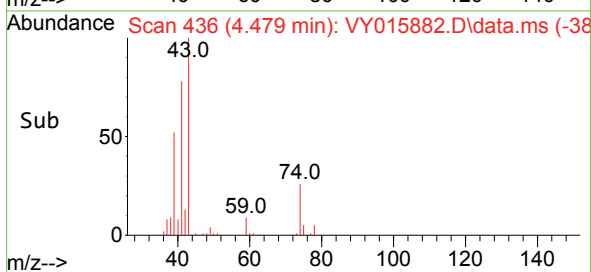
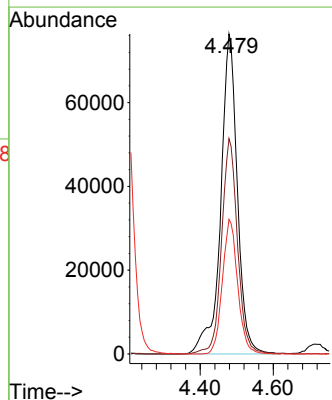
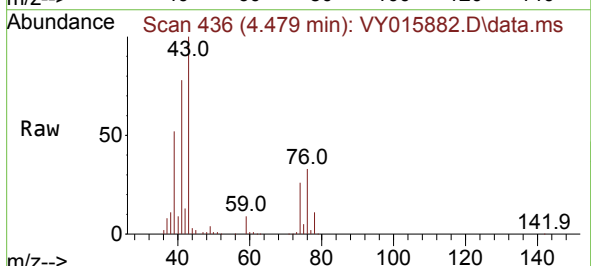
Tgt Ion: 41 Resp: 242680

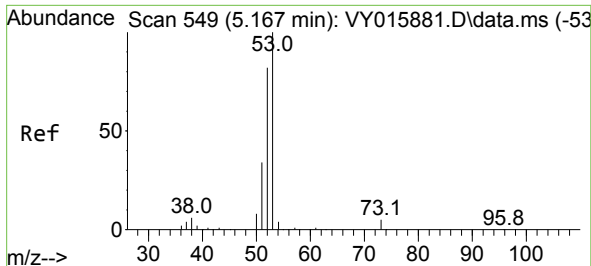
Ion Ratio Lower Upper

41 100

39 64.3 58.0 87.0

76 38.5 27.4 41.2

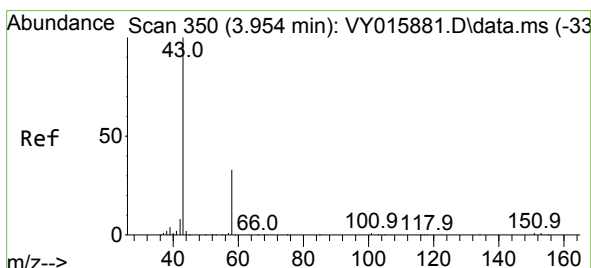
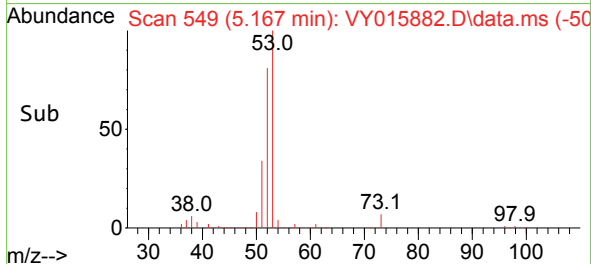
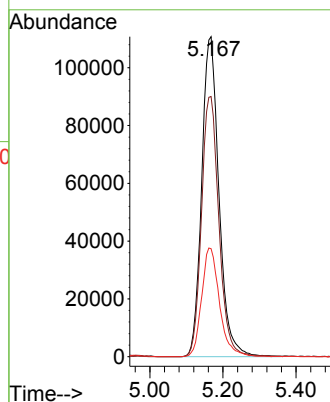
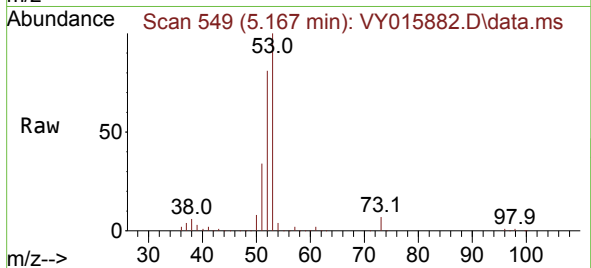




#15
Acrylonitrile
Concen: 543.043 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

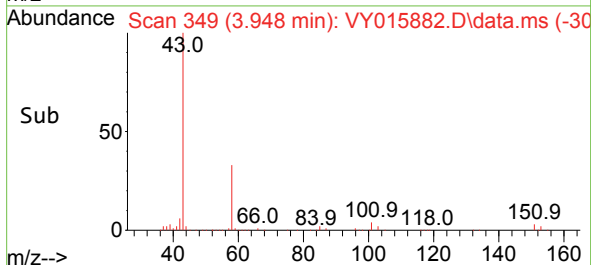
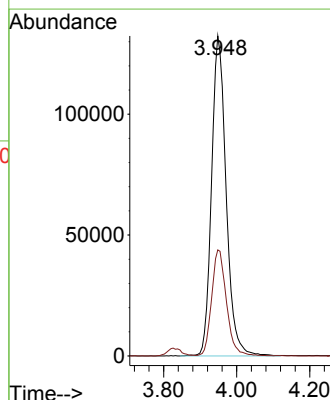
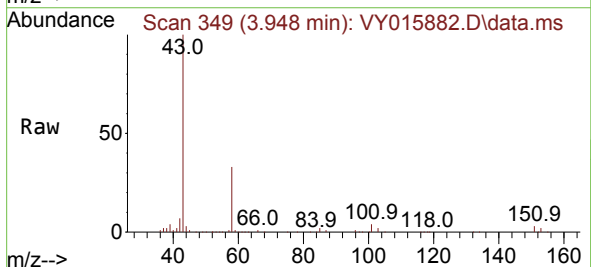
Instrument :
MSVOA_Y
ClientSampleId :

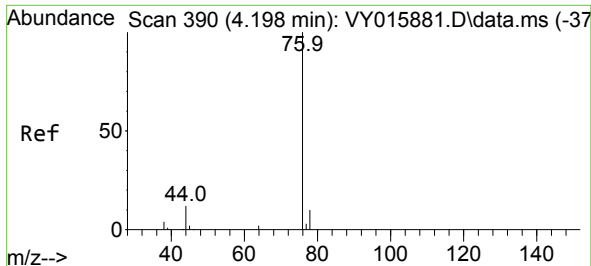
Tgt Ion: 53 Resp: 363212
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 35.2 29.8 44.6



#16
Acetone
Concen: 542.885 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 43 Resp: 366073
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1

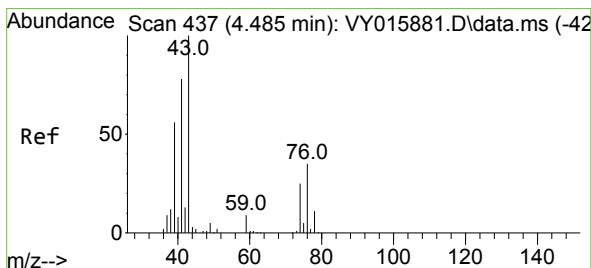
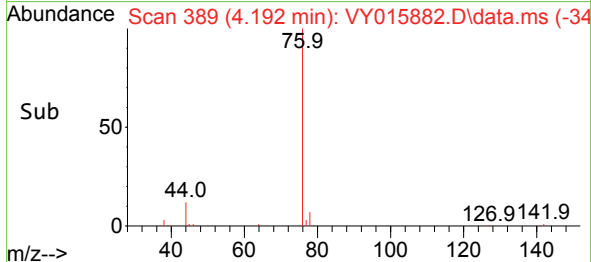
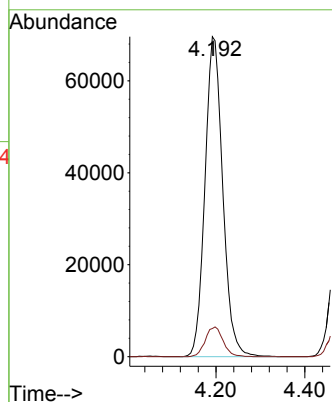
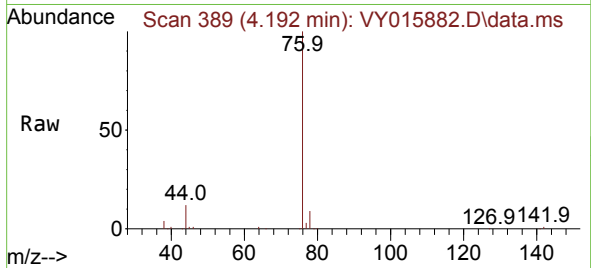




#17
Carbon Disulfide
Concen: 104.970 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

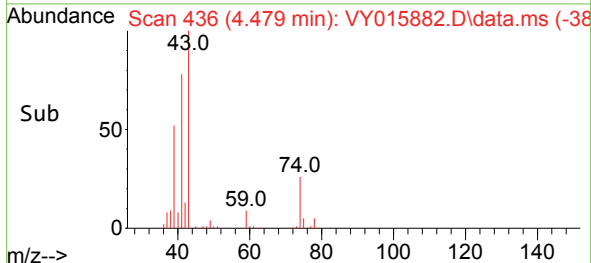
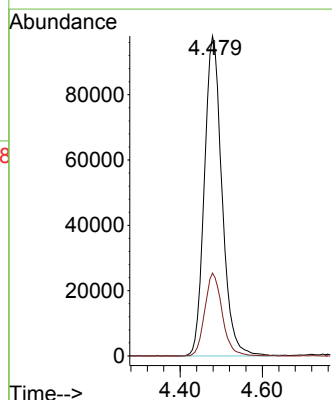
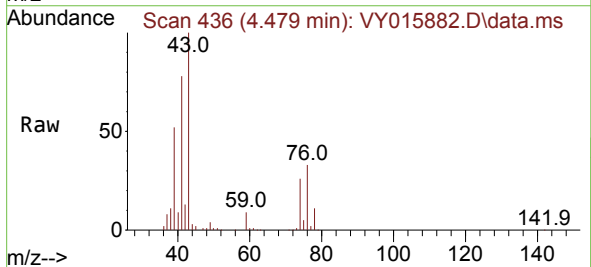
Instrument :
MSVOA_Y
ClientSampleId :

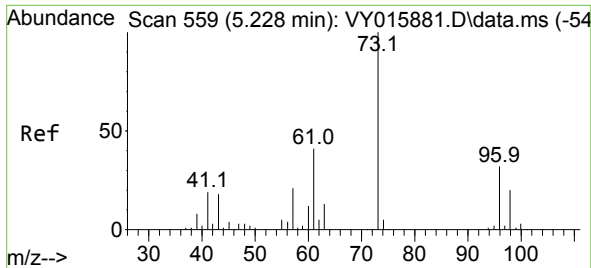
Tgt Ion: 76 Resp: 194005
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 114.912 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 43 Resp: 291067
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

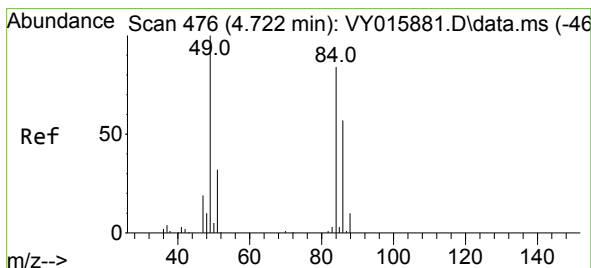
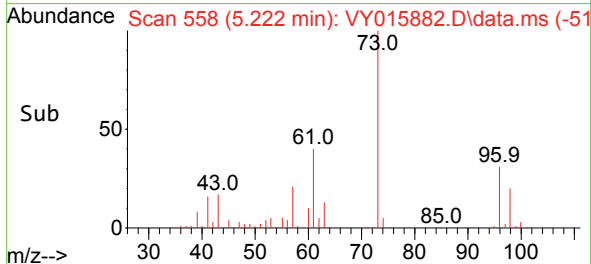
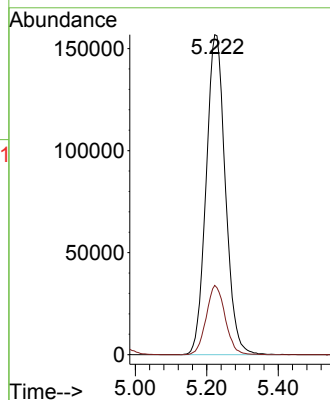
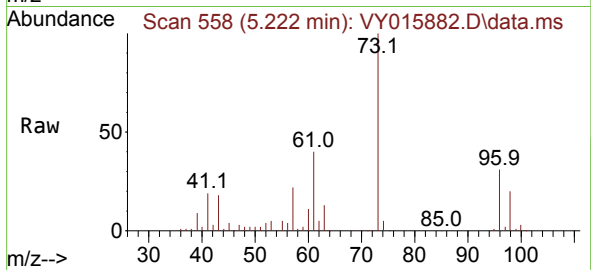




#19
Methyl tert-butyl Ether
Concen: 107.568 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

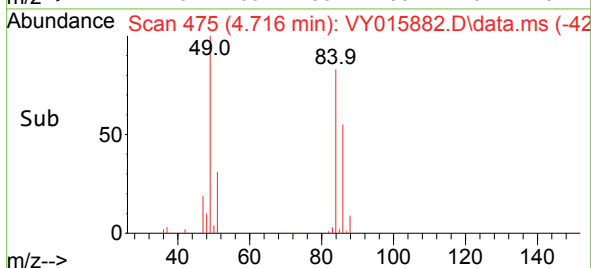
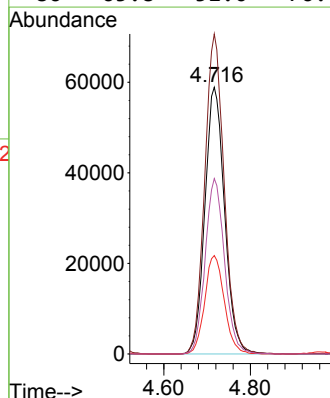
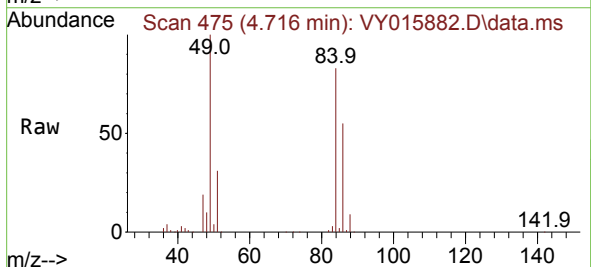
Instrument :
MSVOA_Y
ClientSampleId :

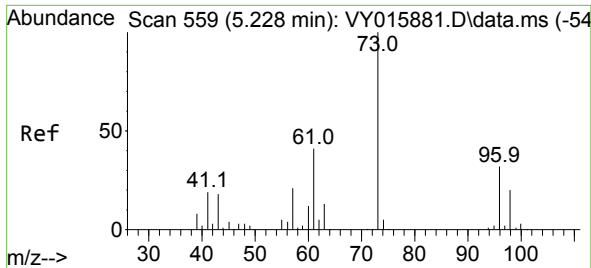
Tgt Ion: 73 Resp: 585022
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 106.589 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 84 Resp: 186207
Ion Ratio Lower Upper
84 100
49 120.0 106.9 160.3
51 36.9 33.2 49.8
86 65.8 51.0 76.6

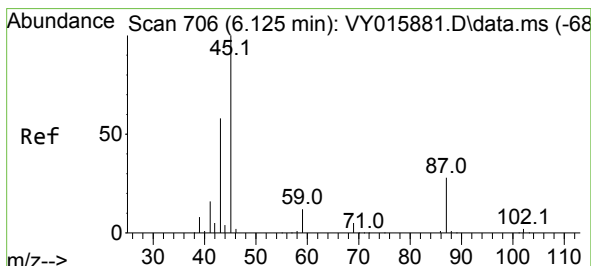
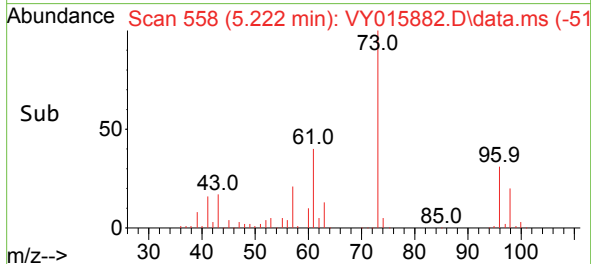
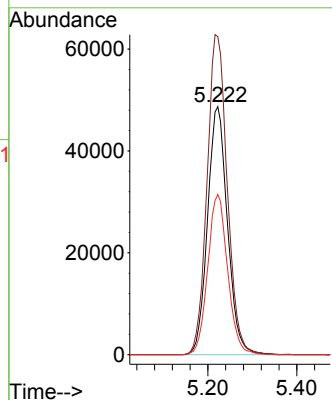
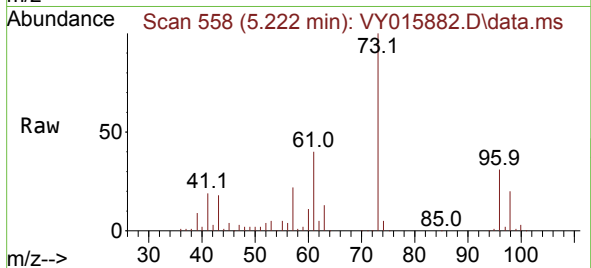




#21
trans-1,2-Dichloroethene
Concen: 109.079 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

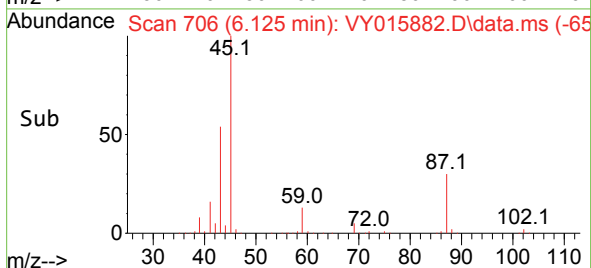
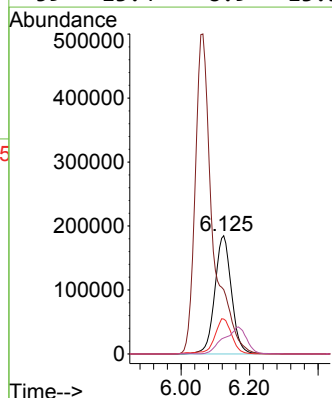
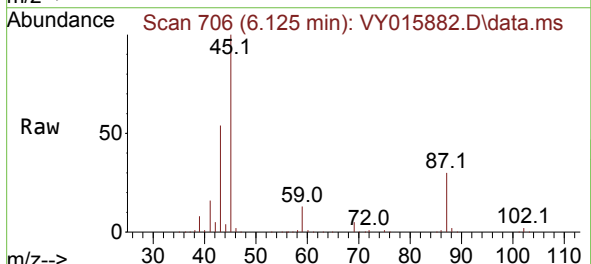
Instrument :
MSVOA_Y
ClientSampleId :

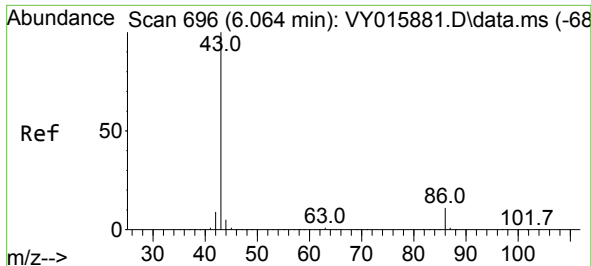
Tgt Ion: 96 Resp: 151908
Ion Ratio Lower Upper
96 100
61 128.3 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 105.104 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 45 Resp: 622073
Ion Ratio Lower Upper
45 100
43 54.2 52.2 78.4
87 29.5 21.0 31.6
59 13.4 8.9 13.3#

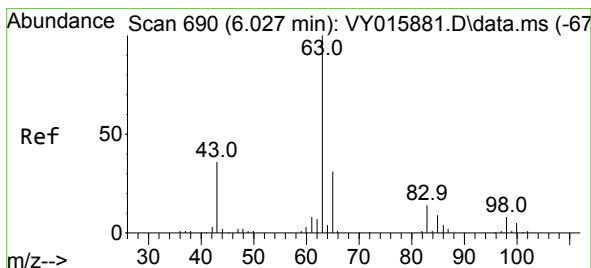
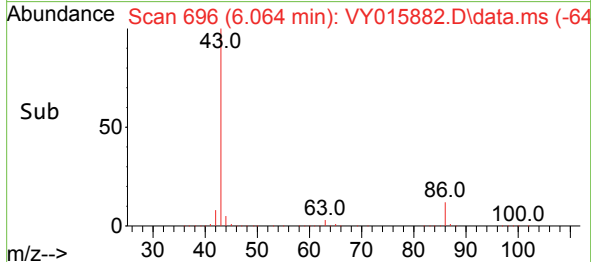
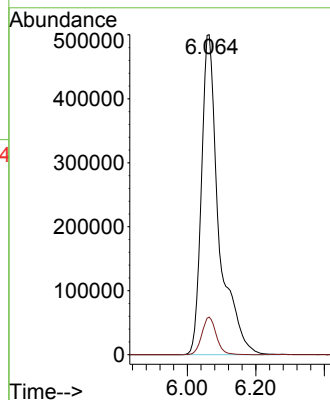
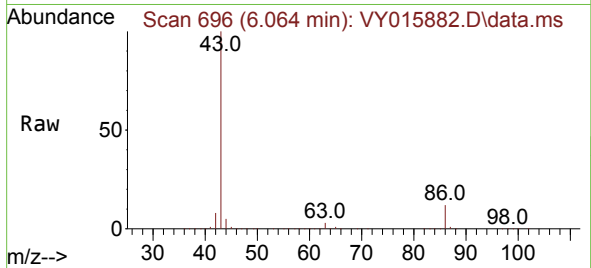




#23
 Vinyl Acetate
 Concen: 544.573 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

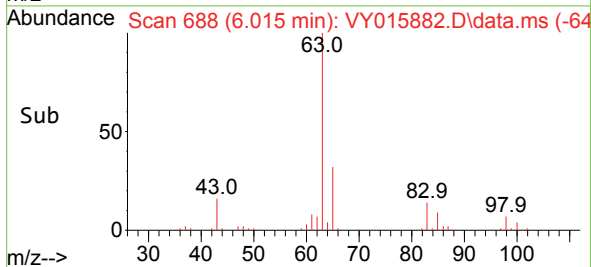
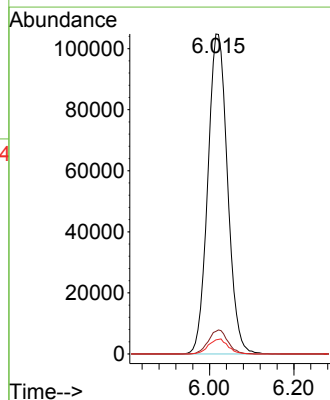
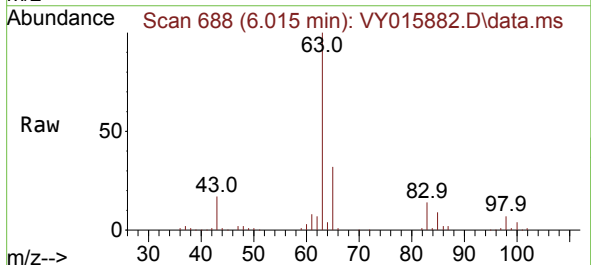
Instrument :
 MSVOA_Y
 ClientSampleId :

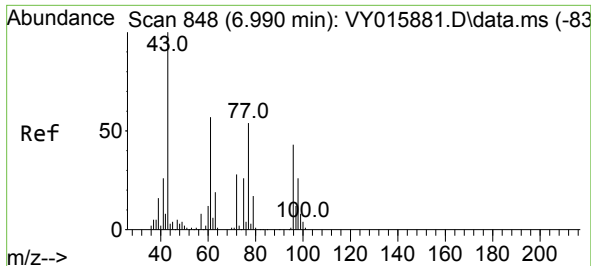
Tgt Ion: 43 Resp: 1772359
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 104.264 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

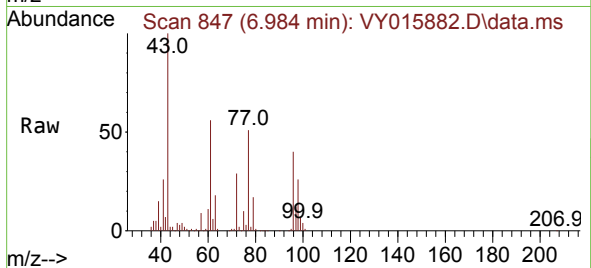
Tgt Ion: 63 Resp: 339933
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.4 1.8 5.5



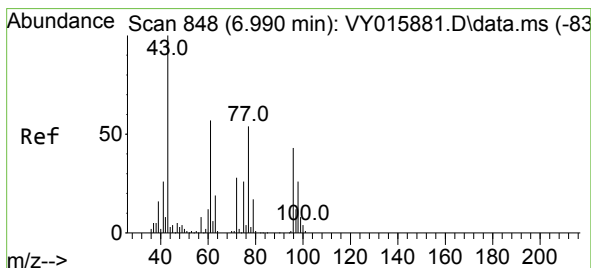
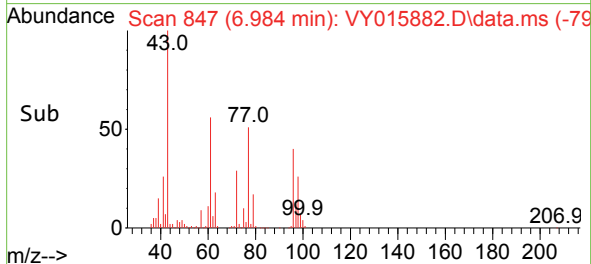
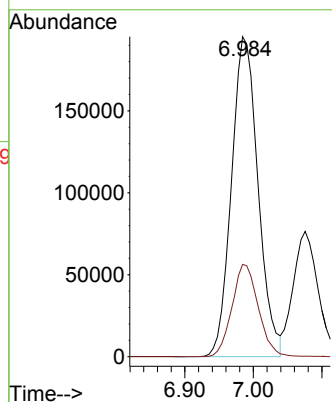


#25
2-Butanone
Concen: 513.751 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

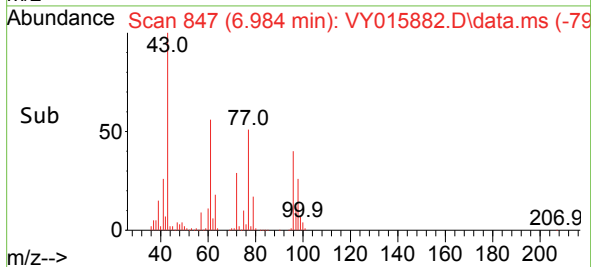
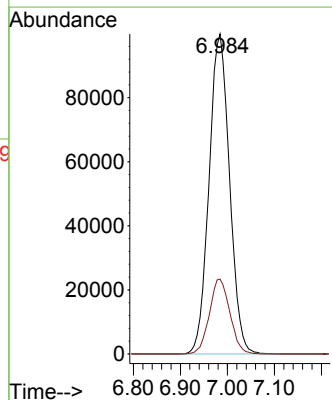
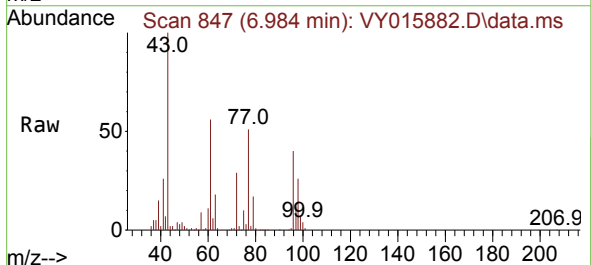


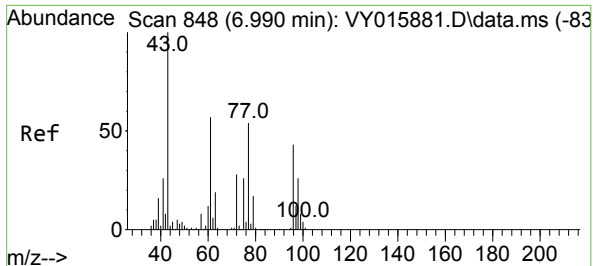
Tgt Ion: 43 Resp: 526564
Ion Ratio Lower Upper
43 100
72 28.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 99.778 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 77 Resp: 302529
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 106.047 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

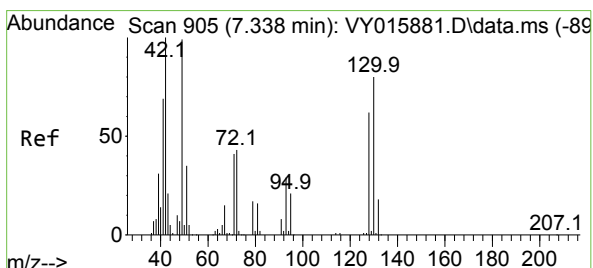
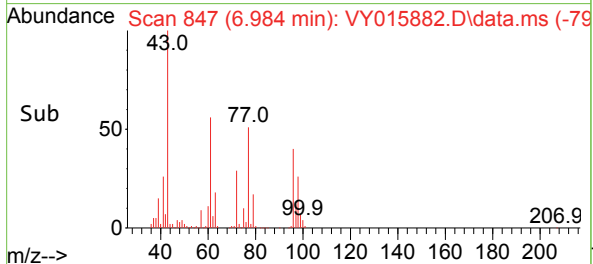
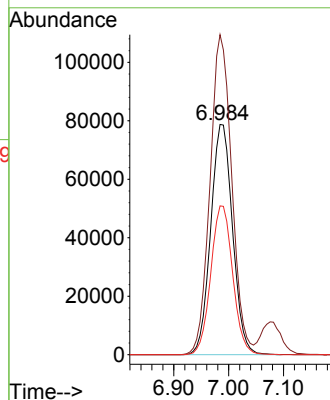
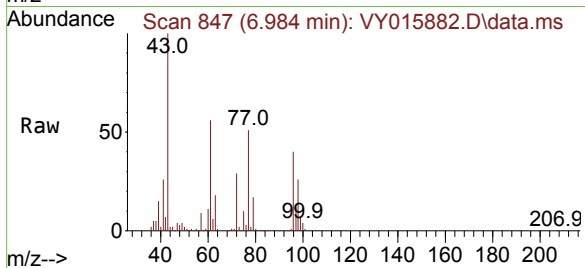
Tgt Ion: 96 Resp: 217973

Ion Ratio Lower Upper

96 100

61 138.3 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 99.298 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

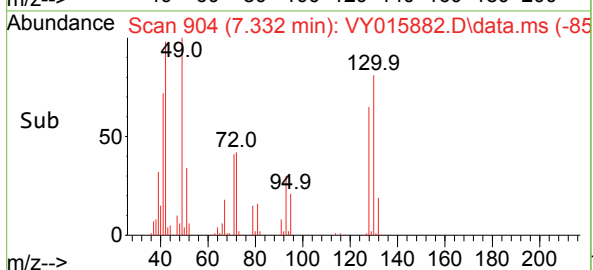
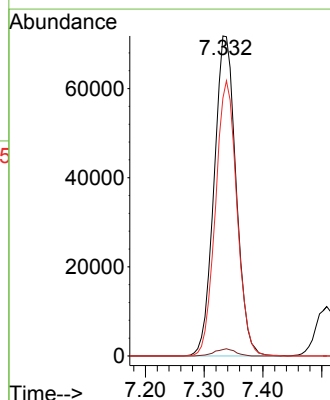
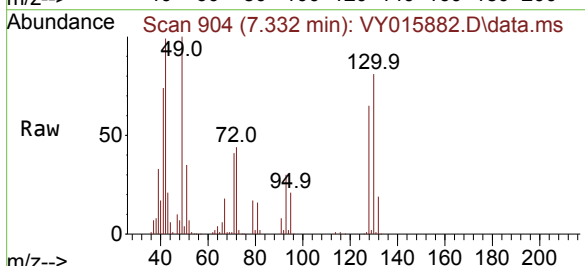
Tgt Ion: 49 Resp: 186584

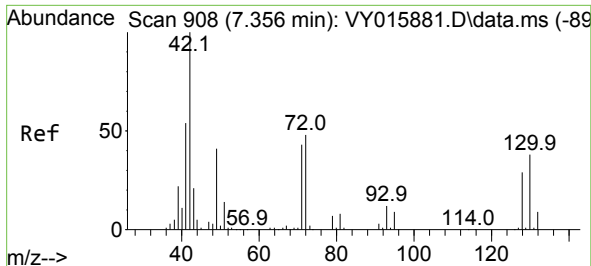
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 563.826 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

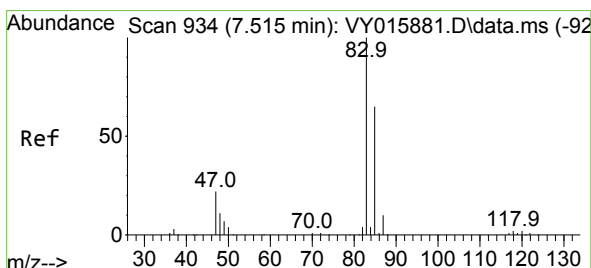
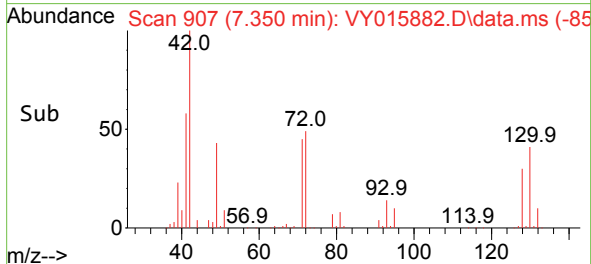
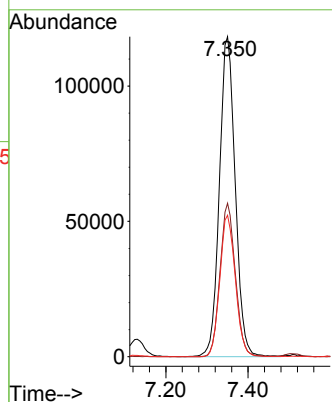
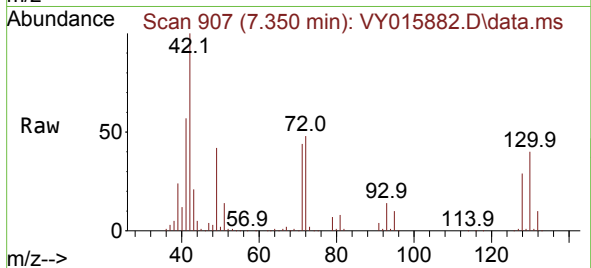
Tgt Ion: 42 Resp: 316135

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 103.531 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015882.D

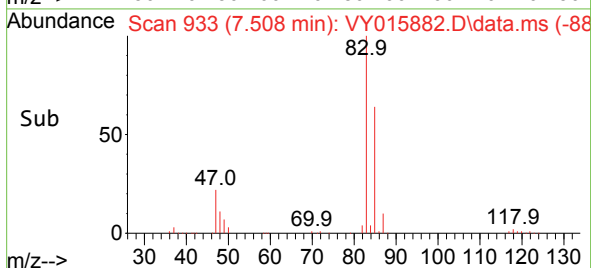
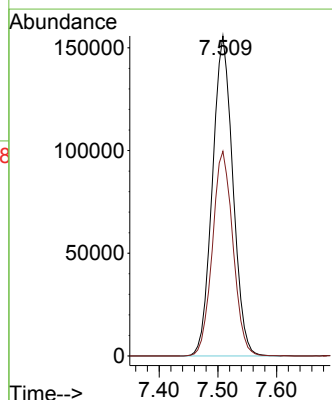
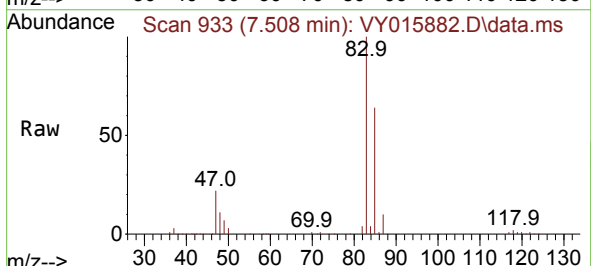
Acq: 09 Oct 2023 15:07

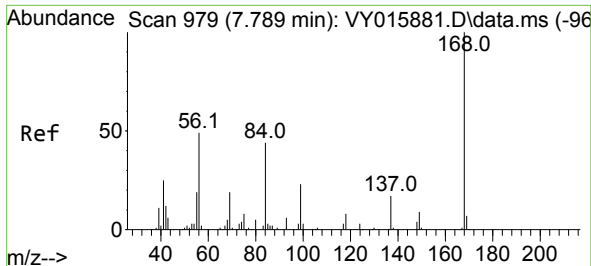
Tgt Ion: 83 Resp: 376496

Ion Ratio Lower Upper

83 100

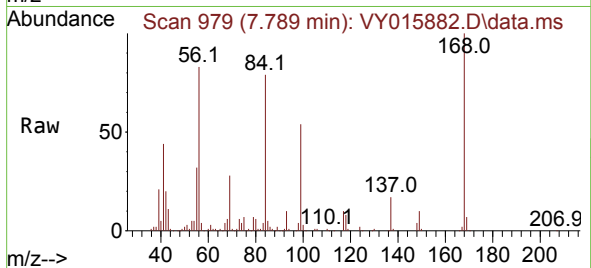
85 64.0 49.7 74.5



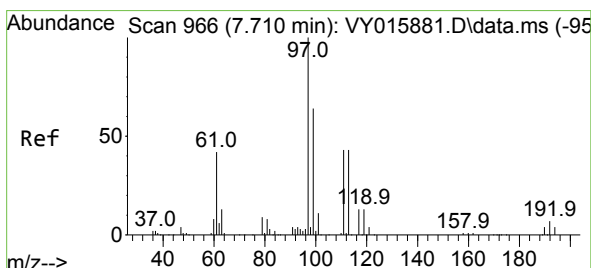
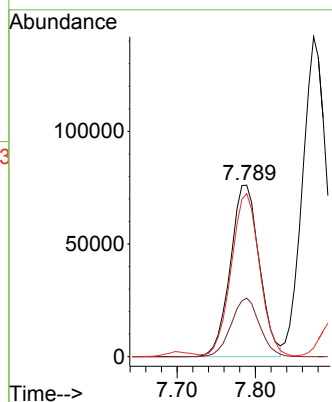
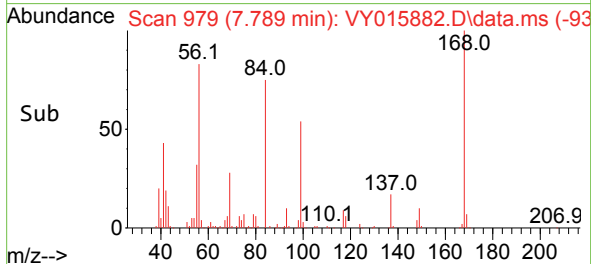


#31
Cyclohexane
Concen: 98.079 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

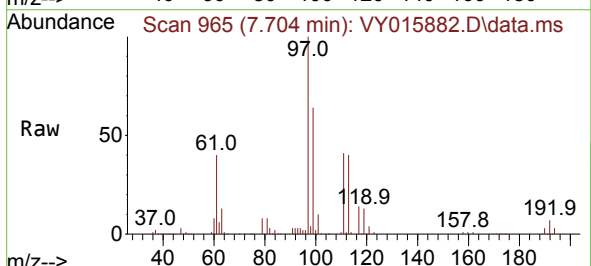
Instrument :
MSVOA_Y
ClientSampleId :



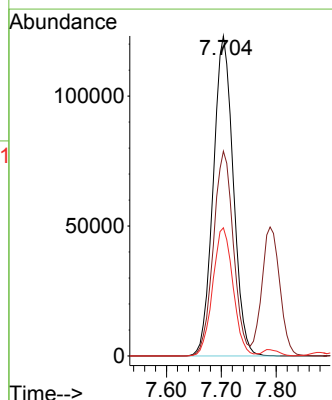
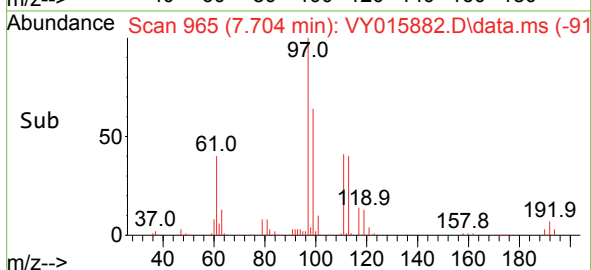
Tgt Ion: 56 Resp: 196263
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 92.3 66.4 99.6

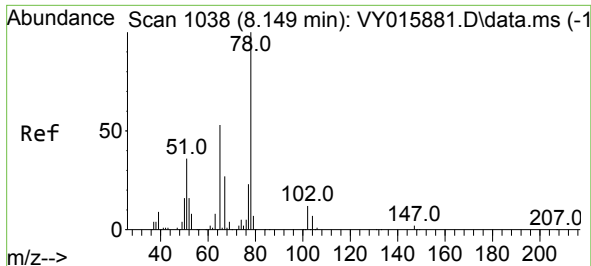


#32
1,1,1-Trichloroethane
Concen: 105.184 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07



Tgt Ion: 97 Resp: 312380
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 40.6 35.1 52.7

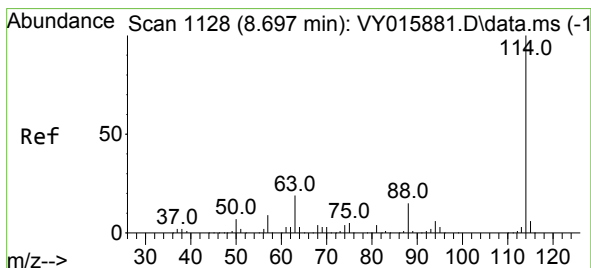
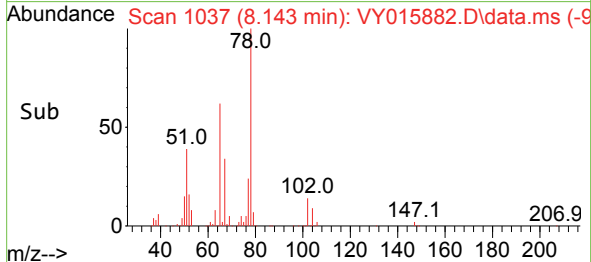
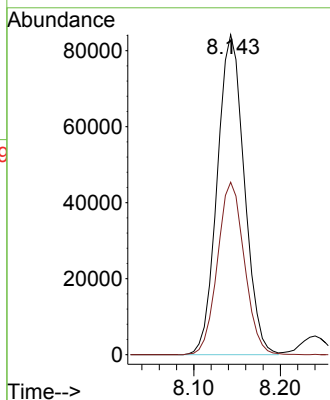
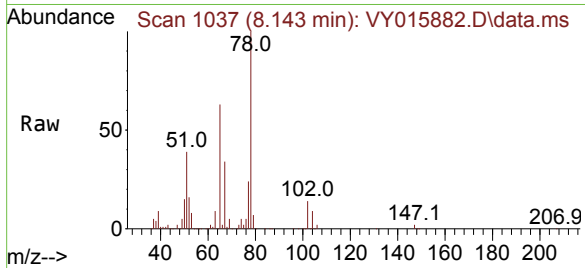




#33
 1,2-Dichloroethane-d4
 Concen: 97.815 ug/l
 RT: 8.143 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

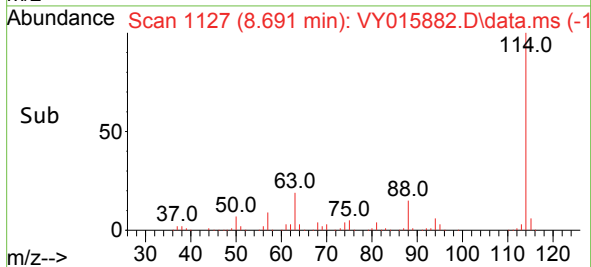
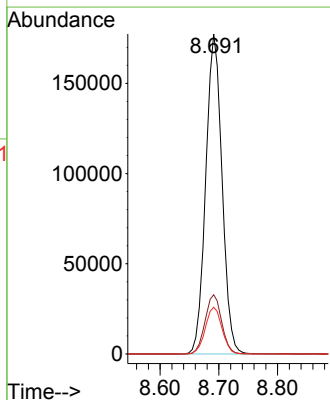
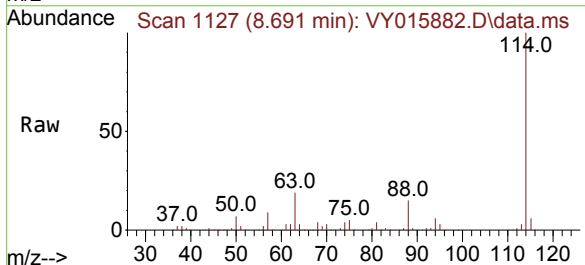
Instrument :
 MSVOA_Y
 ClientSampleId :

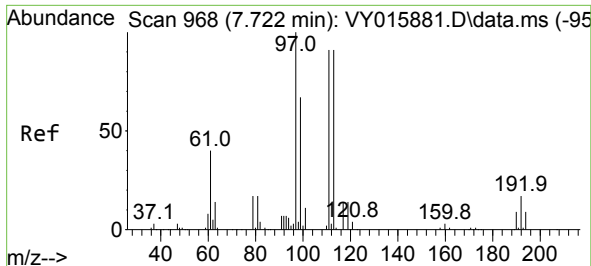
Tgt Ion: 65 Resp: 182758
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

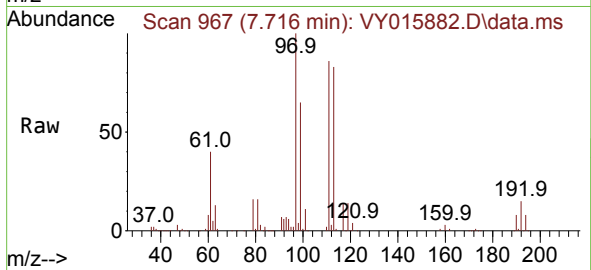
Tgt Ion: 114 Resp: 341205
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 14.6 0.0 30.6



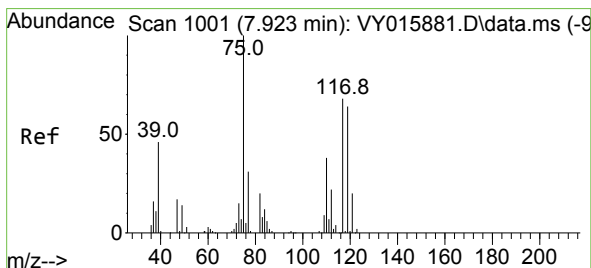
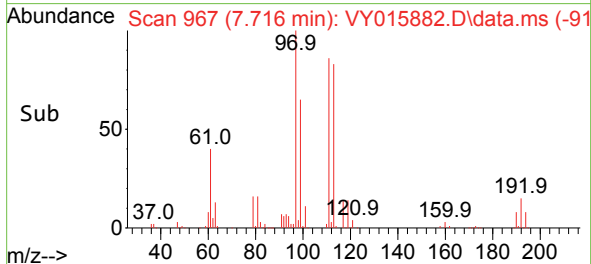
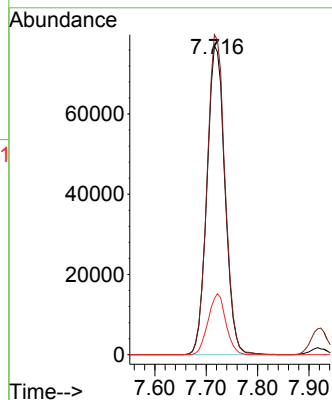


#35
Dibromofluoromethane
Concen: 98.204 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

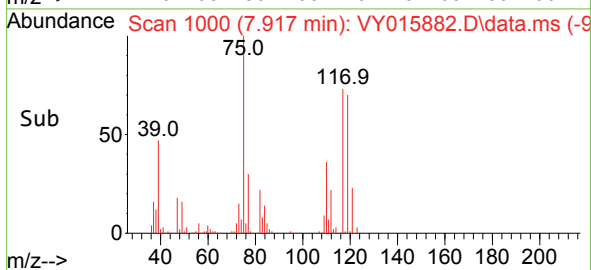
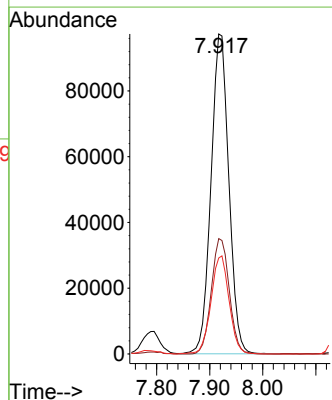
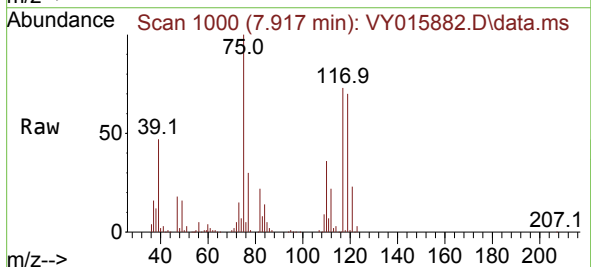


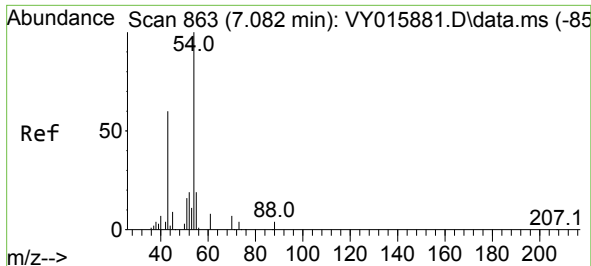
Tgt Ion:113 Resp: 186898
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 107.666 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 75 Resp: 226937
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 109.655 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.006 min

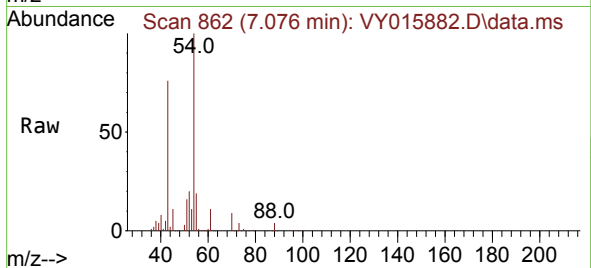
Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :



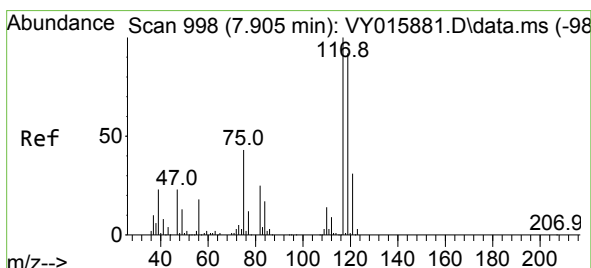
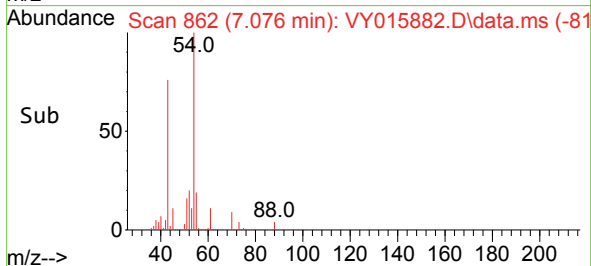
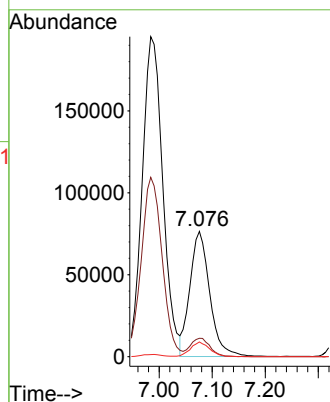
Tgt Ion: 43 Resp: 198501

Ion Ratio Lower Upper

43 100

61 14.7 10.1 15.1

70 11.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 105.253 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

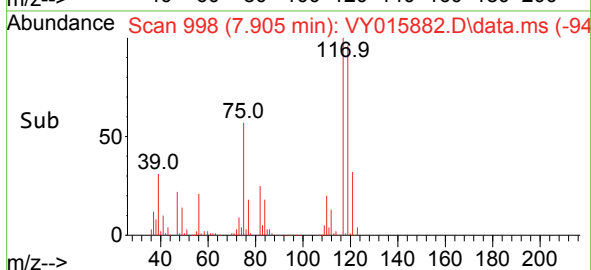
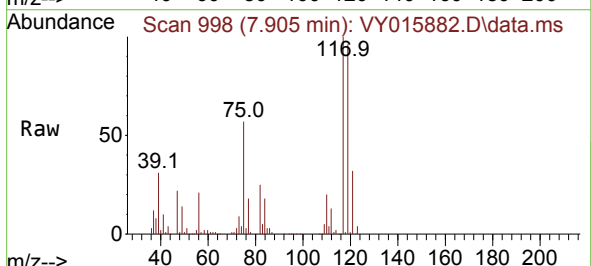
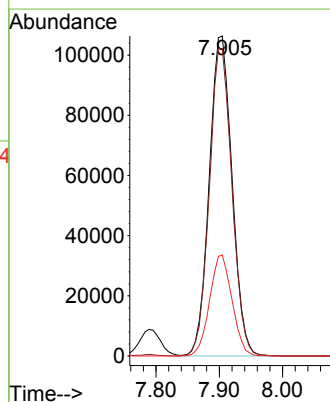
Tgt Ion: 117 Resp: 266432

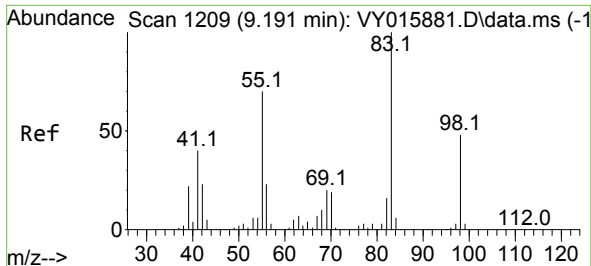
Ion Ratio Lower Upper

117 100

119 96.0 76.4 114.6

121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 109.211 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

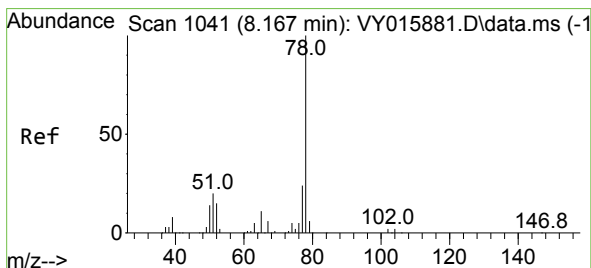
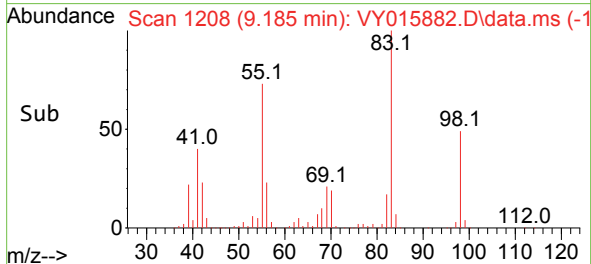
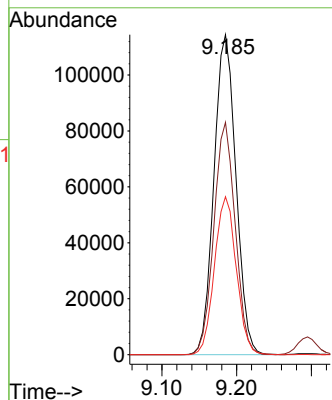
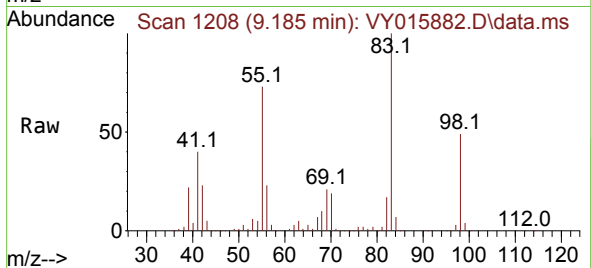
Tgt Ion: 83 Resp: 233823

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 106.901 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY015882.D

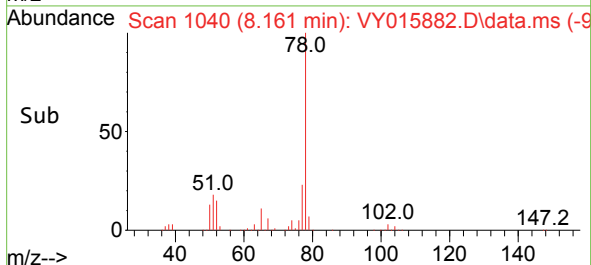
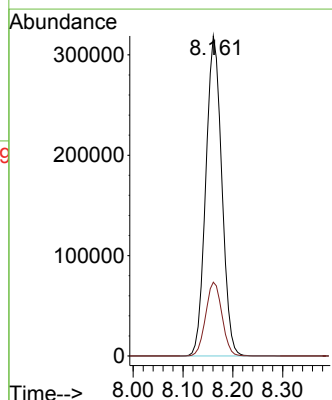
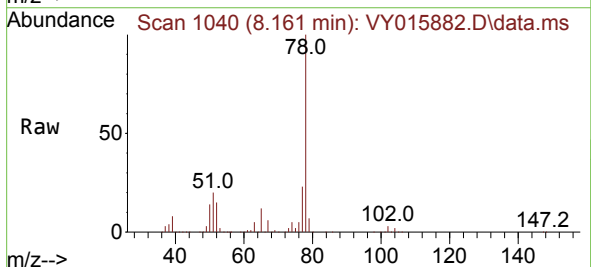
Acq: 09 Oct 2023 15:07

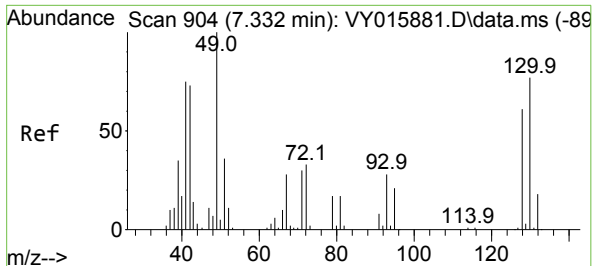
Tgt Ion: 78 Resp: 708113

Ion Ratio Lower Upper

78 100

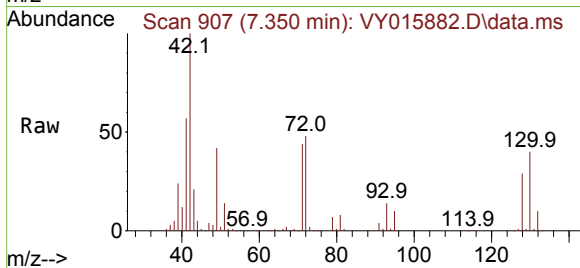
77 23.1 19.0 28.6



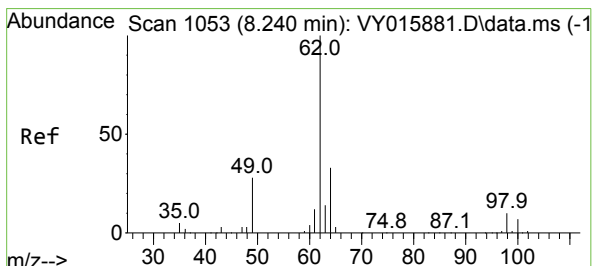
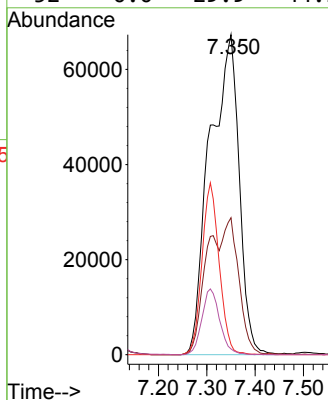
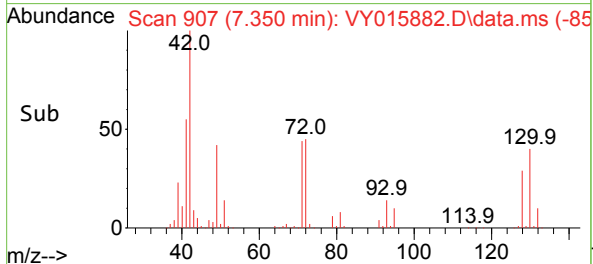


#41
Methacrylonitrile
Concen: 250.979 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.018 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

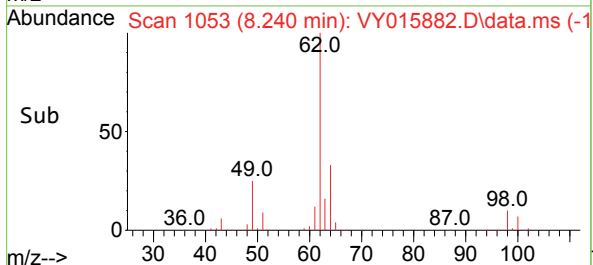
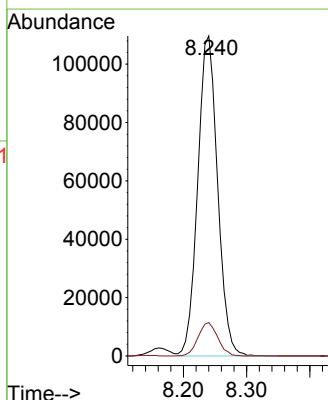
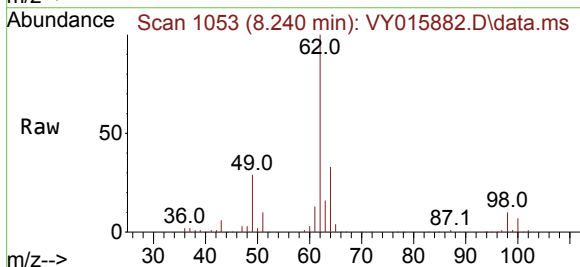


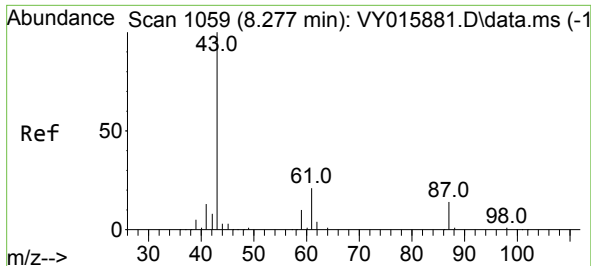
Tgt Ion: 41 Resp: 282395
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 106.033 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

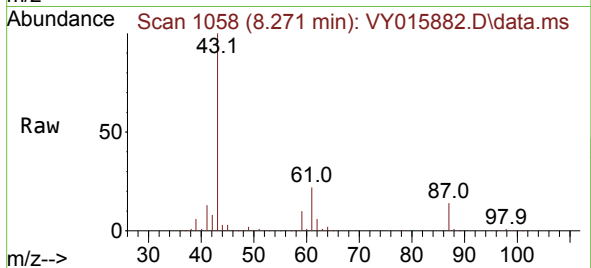
Tgt Ion: 62 Resp: 239422
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8



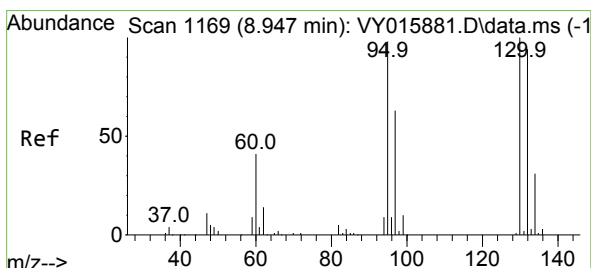
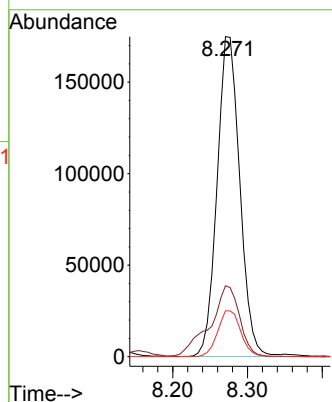
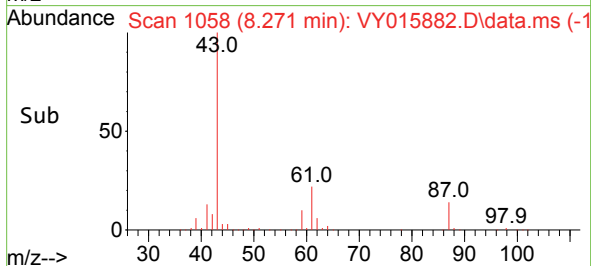


#43
Isopropyl Acetate
Concen: 110.015 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

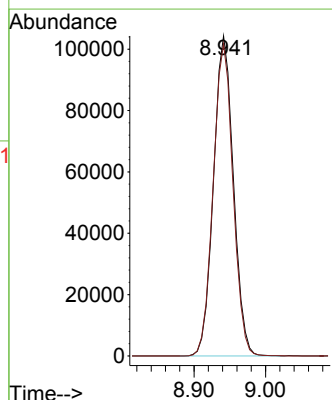
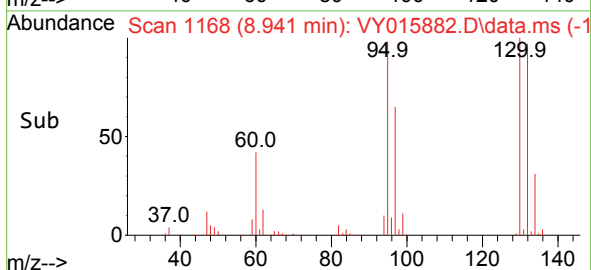
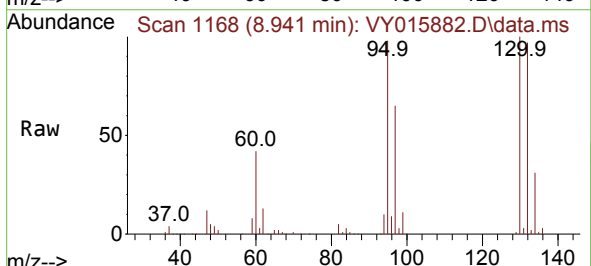


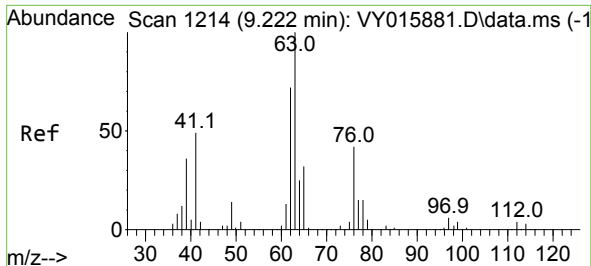
Tgt Ion: 43 Resp: 368648
Ion Ratio Lower Upper
43 100
61 29.0 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 105.053 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion:130 Resp: 201362
Ion Ratio Lower Upper
130 100
95 97.6 0.0 196.0

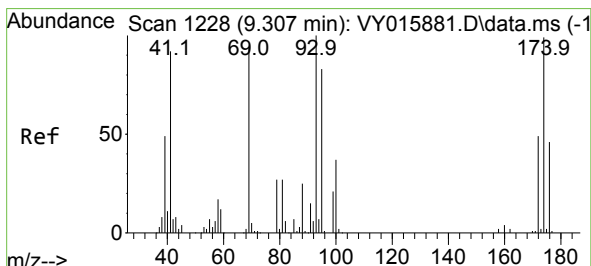
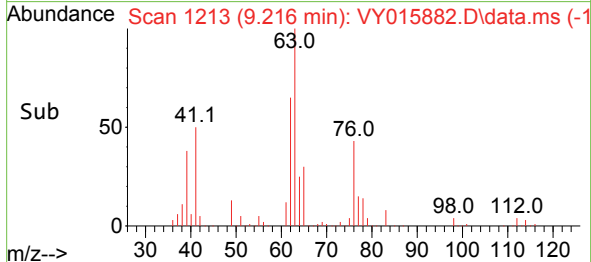
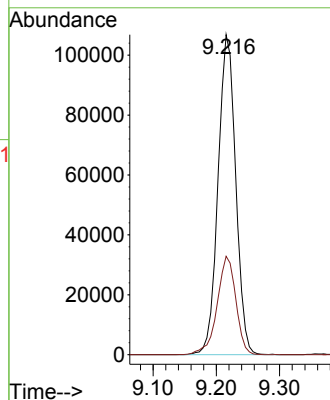
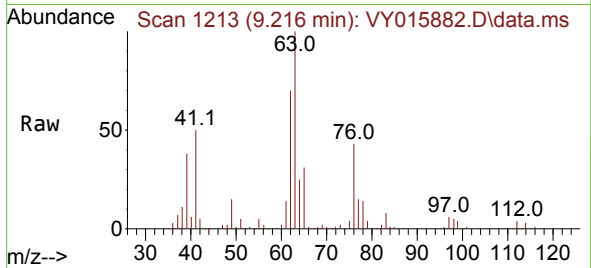




#45
1,2-Dichloropropane
Concen: 103.582 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

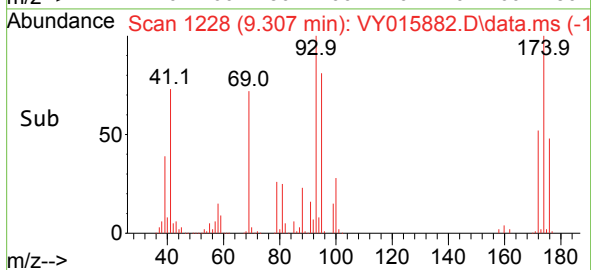
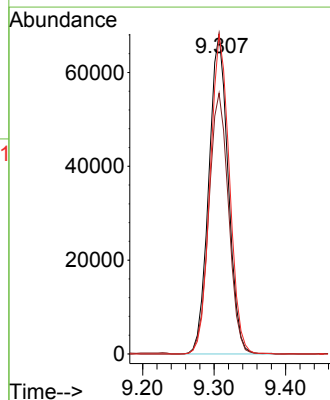
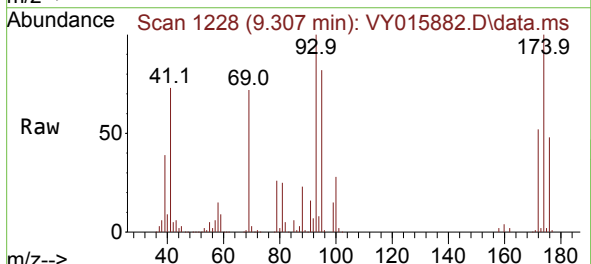
Instrument :
MSVOA_Y
ClientSampleId :

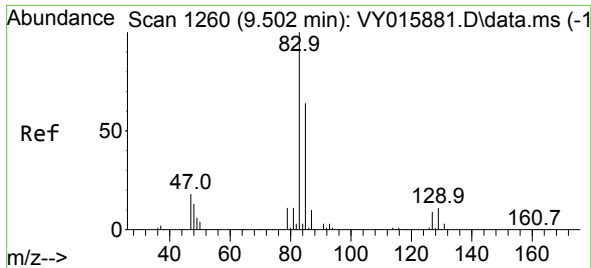
Tgt Ion: 63 Resp: 206377
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 107.988 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

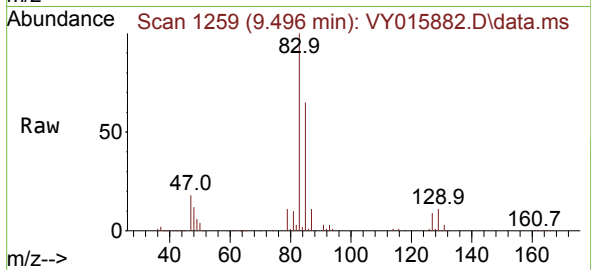
Tgt Ion: 93 Resp: 128038
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 99.6 84.8 127.2



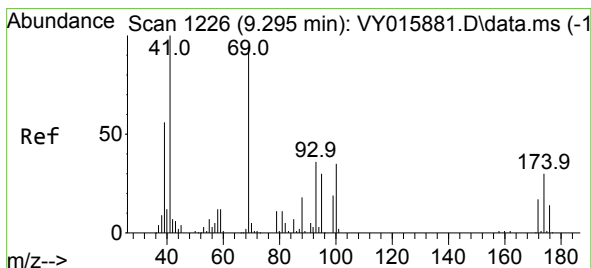
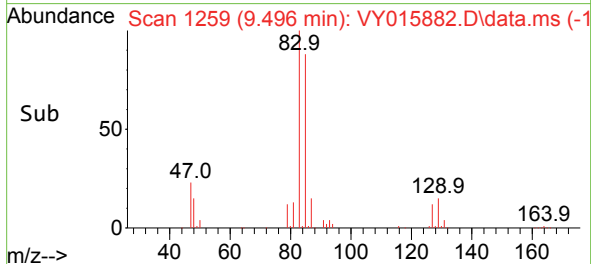
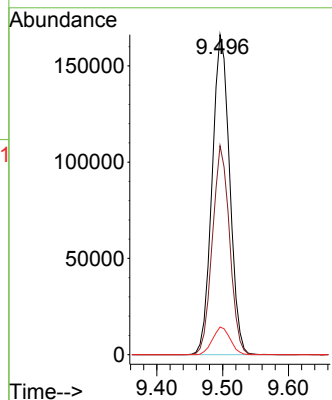


#47
 Bromodichloromethane
 Concen: 104.649 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :

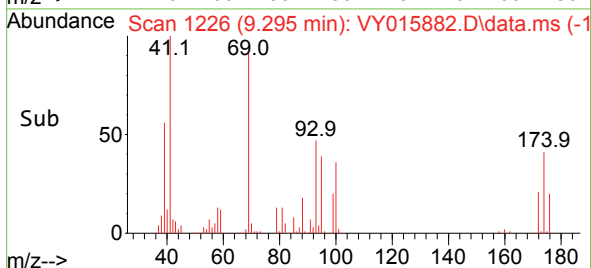
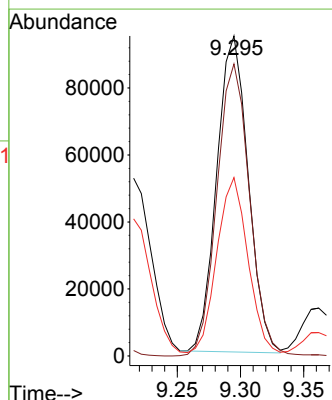
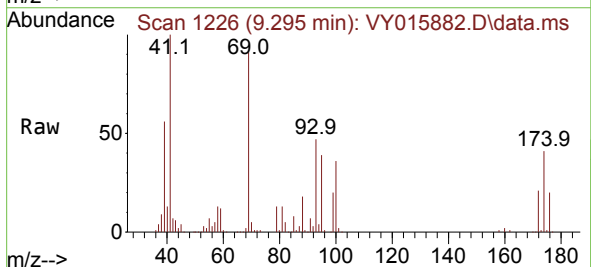


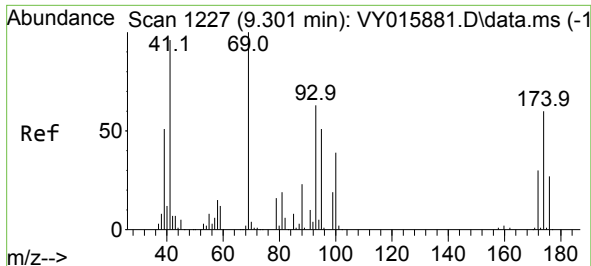
Tgt Ion: 83 Resp: 308590
 Ion Ratio Lower Upper
 83 100
 85 65.3 50.1 75.1
 127 8.7 7.1 10.7



#48
 Methyl methacrylate
 Concen: 110.138 ug/l
 RT: 9.295 min Scan# 1226
 Delta R.T. 0.000 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

Tgt Ion: 41 Resp: 162985
 Ion Ratio Lower Upper
 41 100
 69 96.4 64.5 96.7
 39 56.6 50.8 76.2





#49

1,4-Dioxane

Concen: 2370.354 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

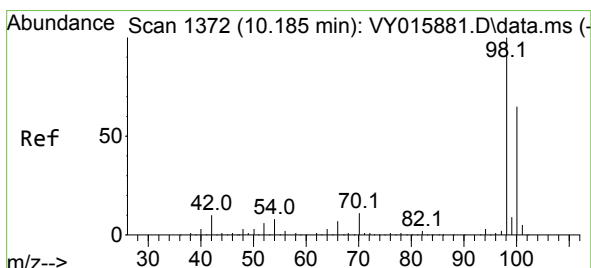
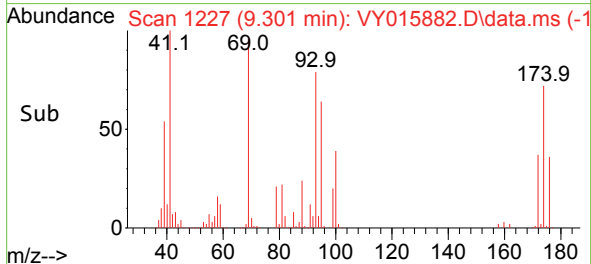
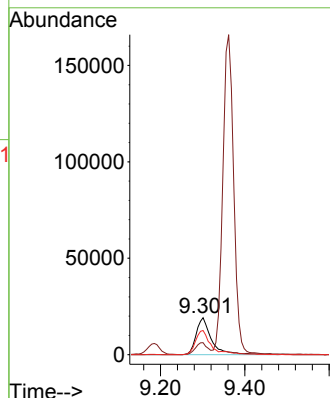
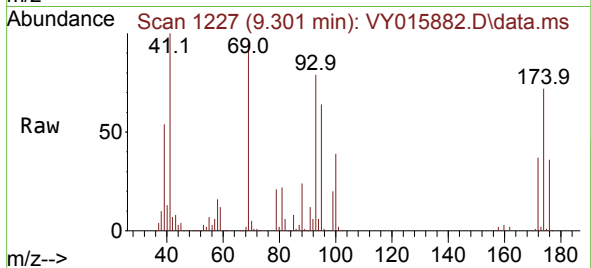
Tgt Ion: 88 Resp: 48855

Ion Ratio Lower Upper

88 100

43 25.1 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 99.191 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015882.D

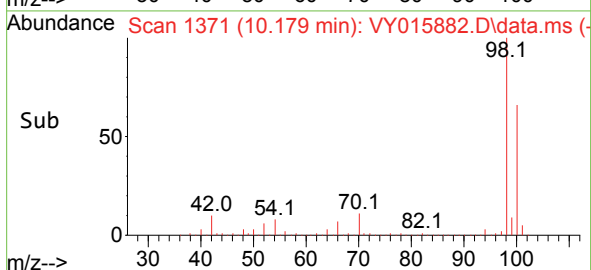
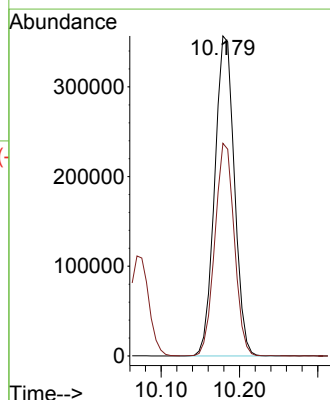
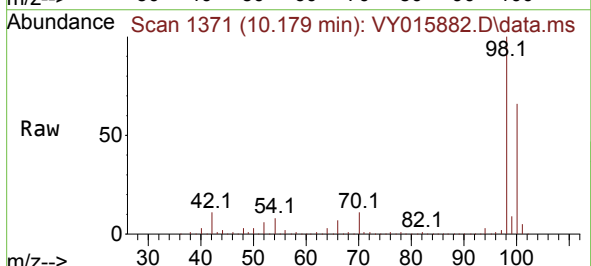
Acq: 09 Oct 2023 15:07

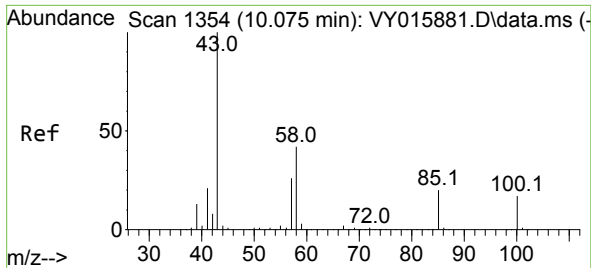
Tgt Ion: 98 Resp: 622156

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

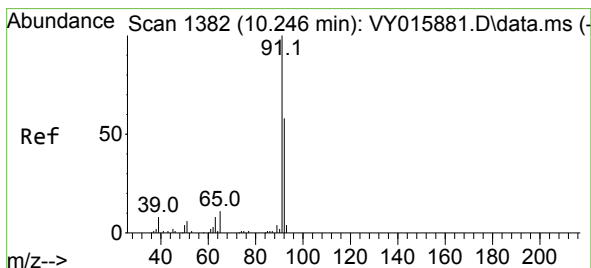
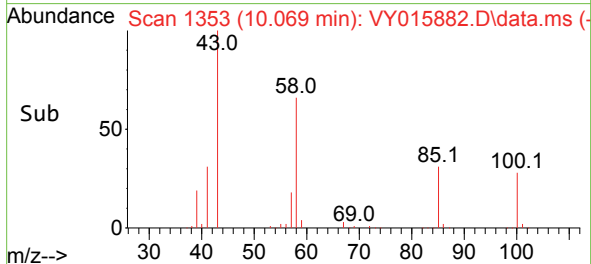
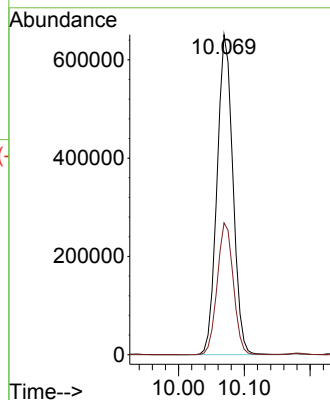
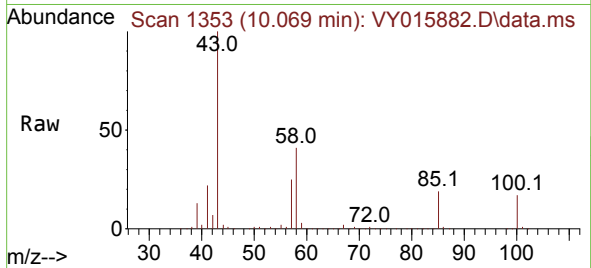




#51
4-Methyl-2-Pentanone
Concen: 544.663 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

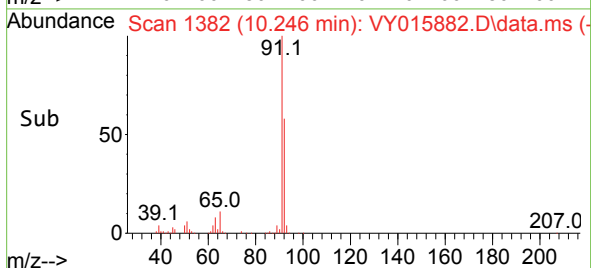
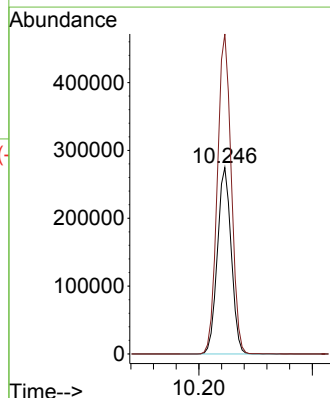
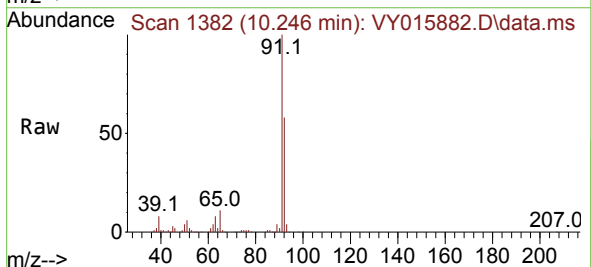
Instrument :
MSVOA_Y
ClientSampleId :

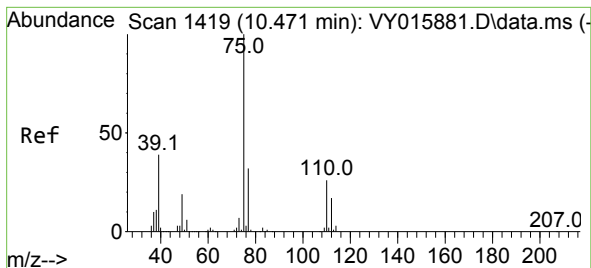
Tgt Ion: 43 Resp: 1091938
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6



#52
Toluene
Concen: 105.857 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 92 Resp: 465448
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

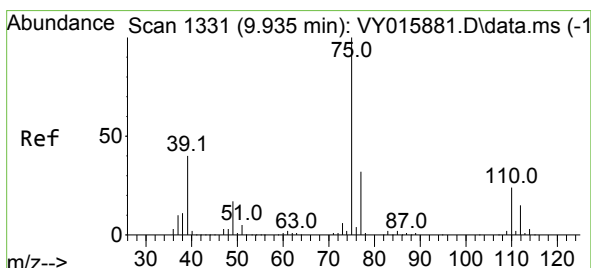
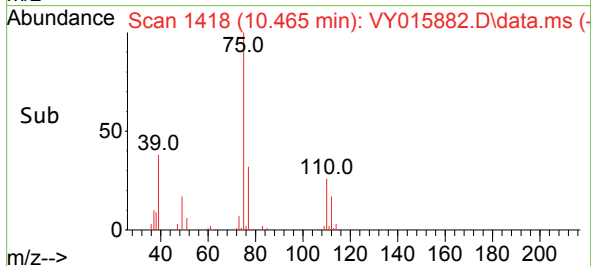
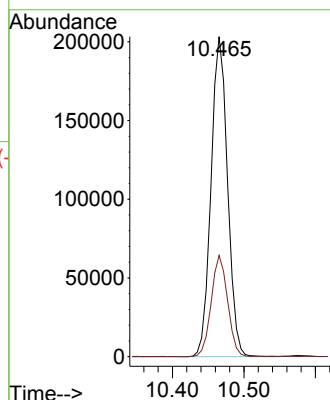
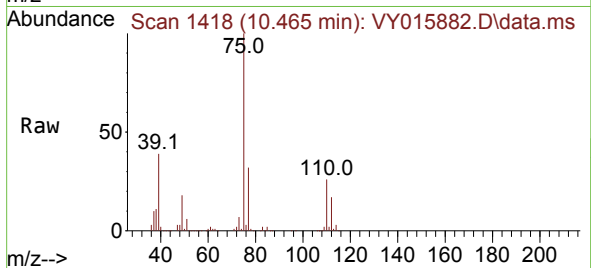




#53
 t-1,3-Dichloropropene
 Concen: 109.251 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

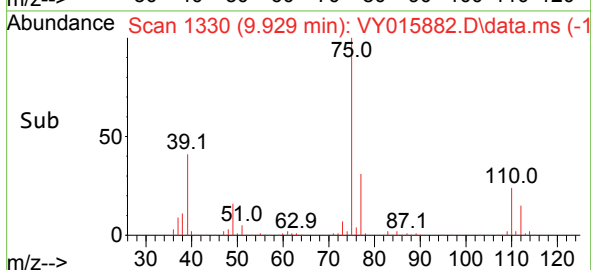
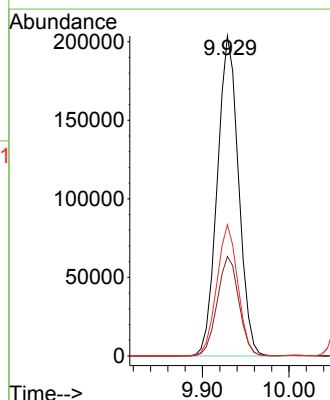
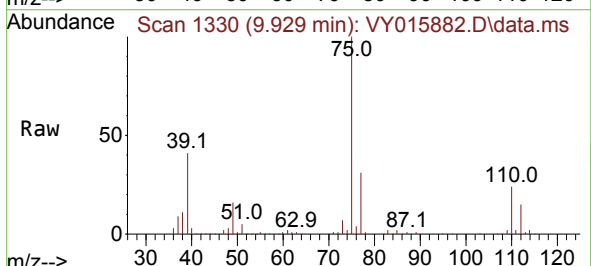
Instrument :
 MSVOA_Y
 ClientSampleId :

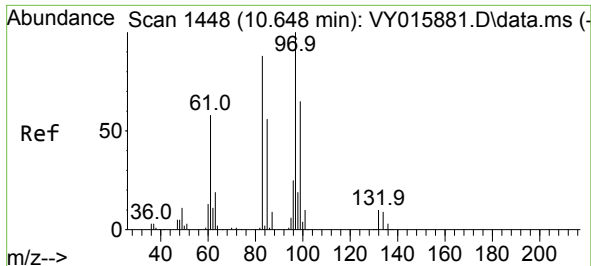
Tgt Ion: 75 Resp: 325688
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 107.183 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

Tgt Ion: 75 Resp: 347084
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 41.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 105.496 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 199169

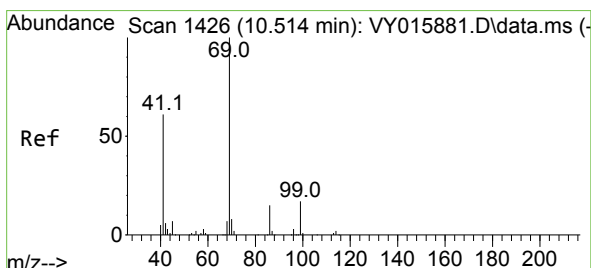
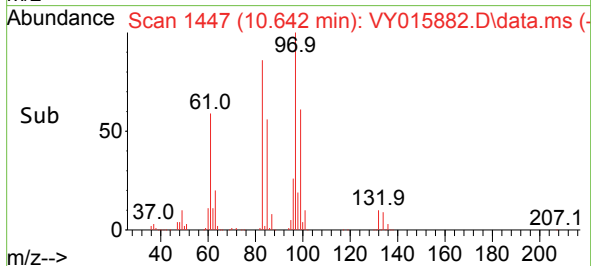
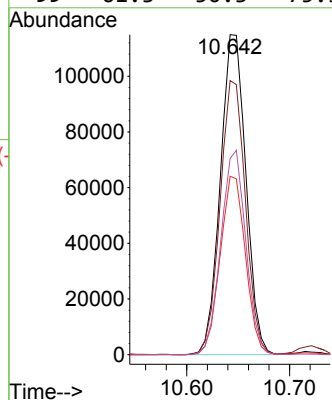
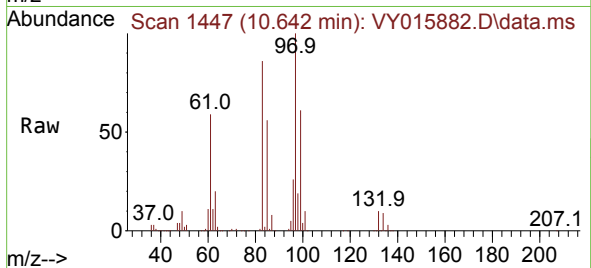
Ion Ratio Lower Upper

97 100

83 85.7 72.0 108.0

85 55.7 45.4 68.0

99 61.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 113.352 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

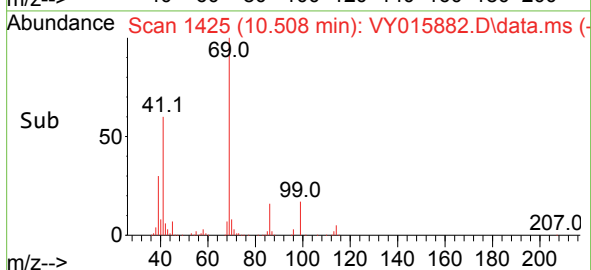
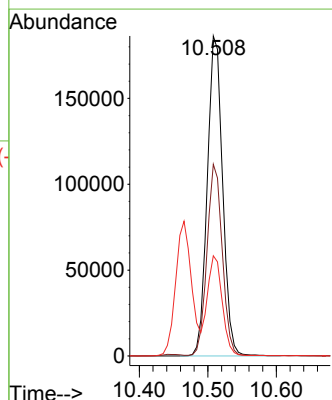
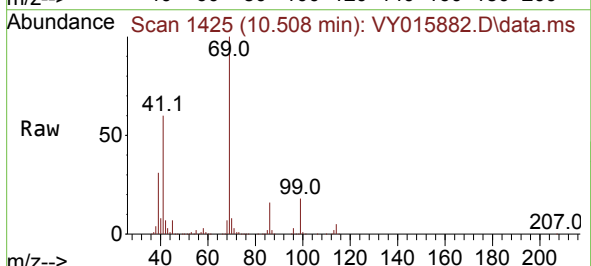
Tgt Ion: 69 Resp: 290529

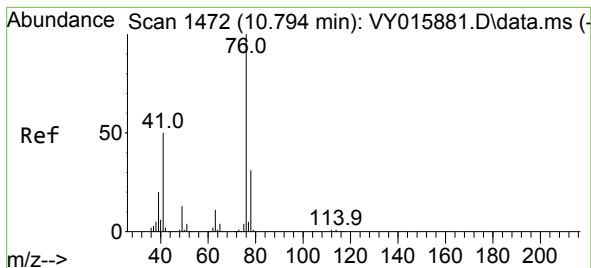
Ion Ratio Lower Upper

69 100

41 59.3 57.6 86.4

39 30.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 105.651 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

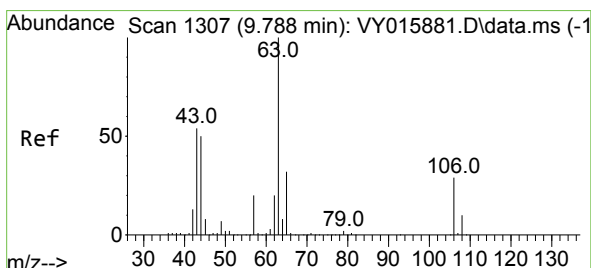
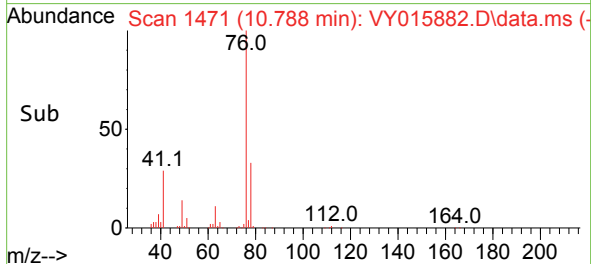
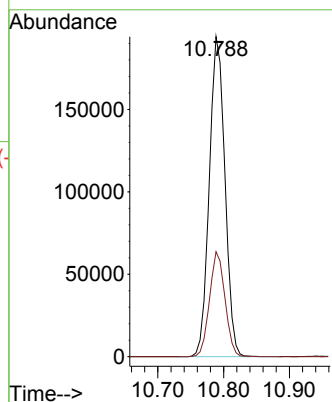
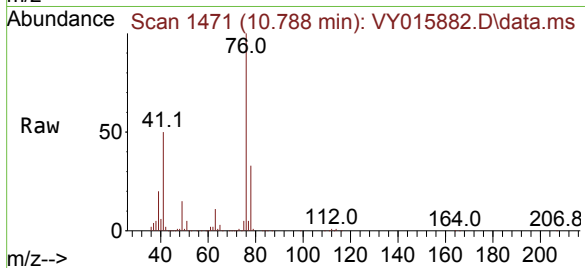
ClientSampleId :

Tgt Ion: 76 Resp: 321584

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 545.249 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015882.D

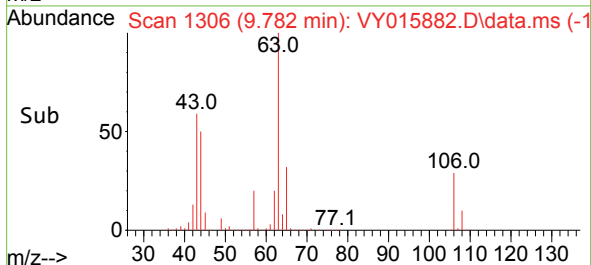
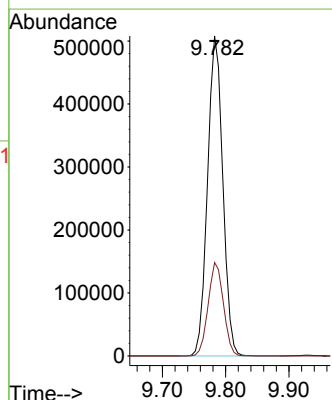
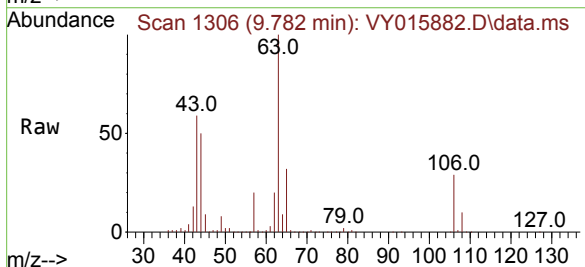
Acq: 09 Oct 2023 15:07

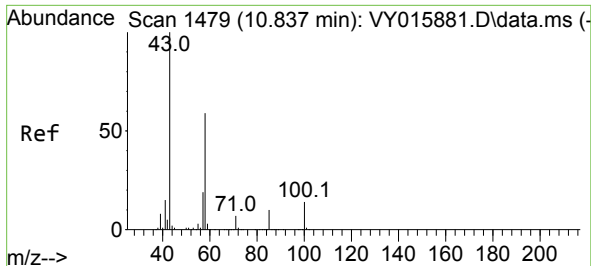
Tgt Ion: 63 Resp: 851803

Ion Ratio Lower Upper

63 100

106 29.2 21.2 31.8

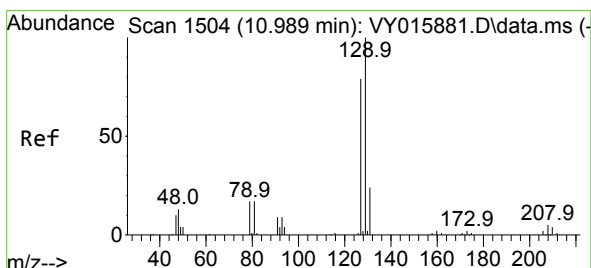
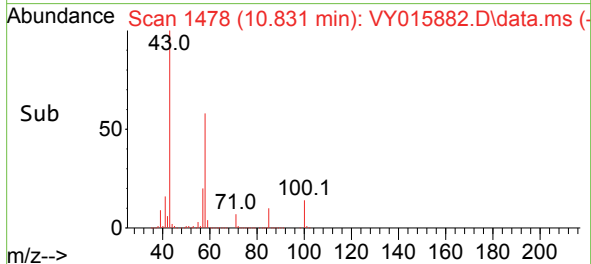
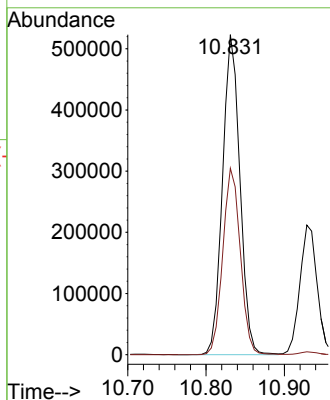
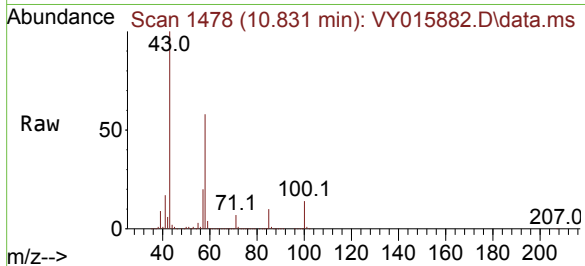




#59
2-Hexanone
Concen: 532.710 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

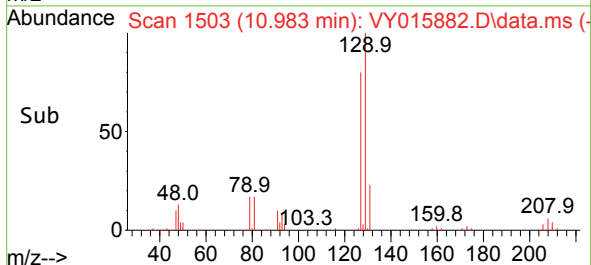
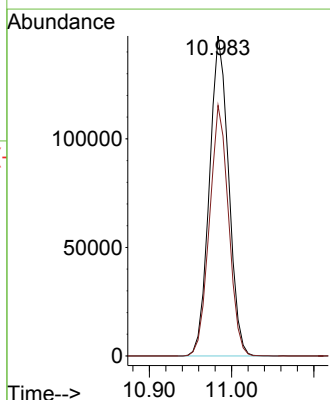
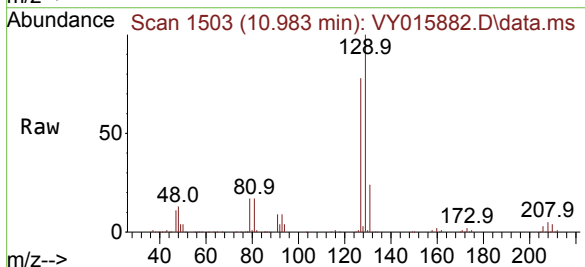
Instrument :
MSVOA_Y
ClientSampleId :

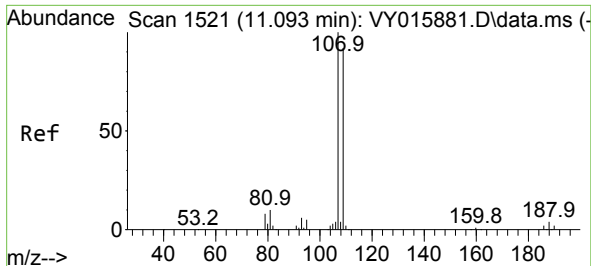
Tgt Ion: 43 Resp: 807976
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3



#60
Dibromochloromethane
Concen: 105.840 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

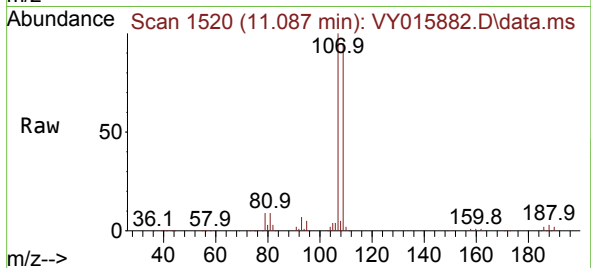
Tgt Ion:129 Resp: 239544
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5



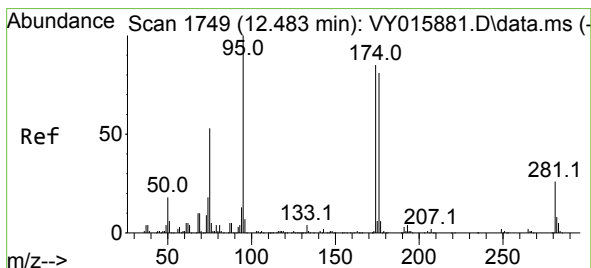
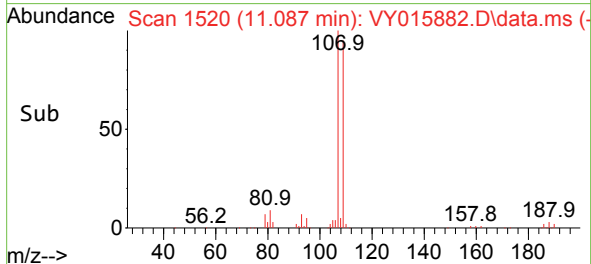
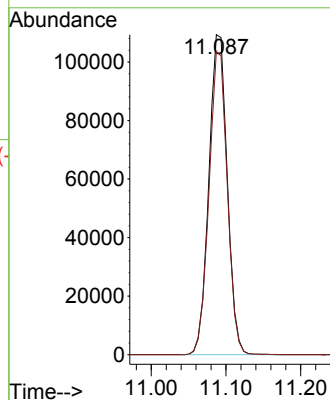


#61
1,2-Dibromoethane
Concen: 108.450 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

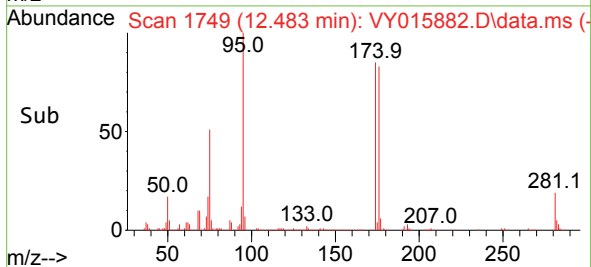
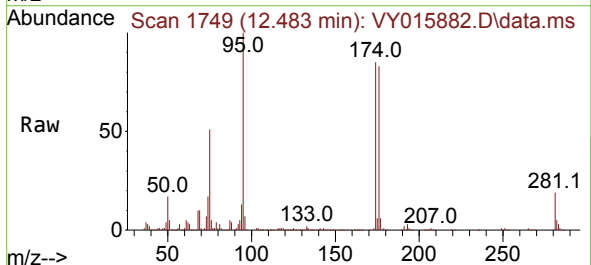
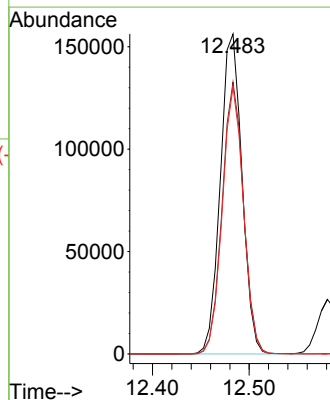


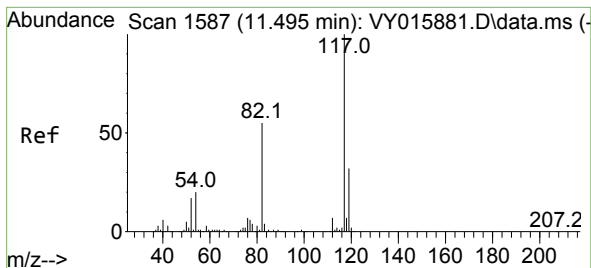
Tgt Ion:107 Resp: 186999
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 95.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 95 Resp: 242857
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

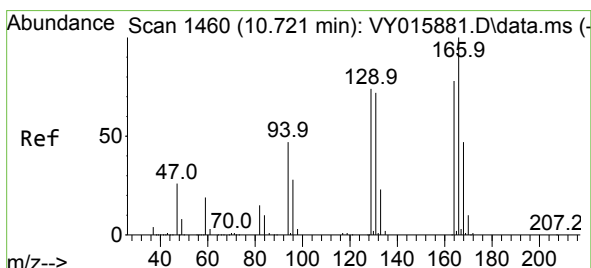
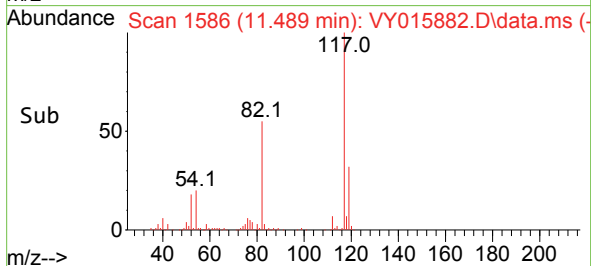
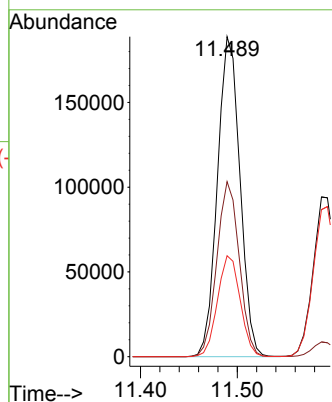
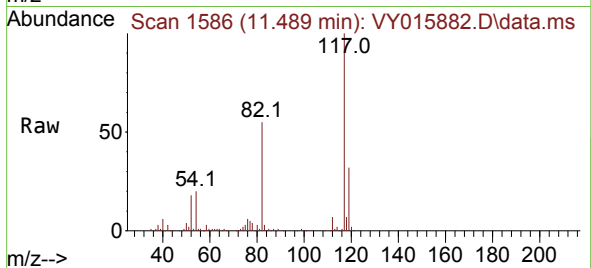
Tgt Ion:117 Resp: 305217

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 102.377 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Tgt Ion:164 Resp: 203920

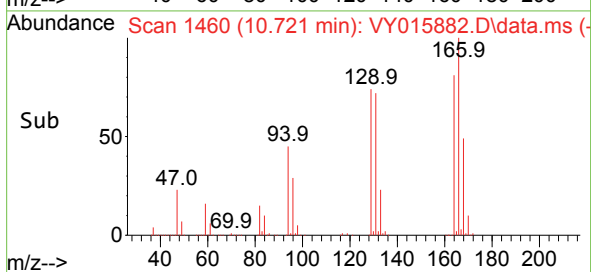
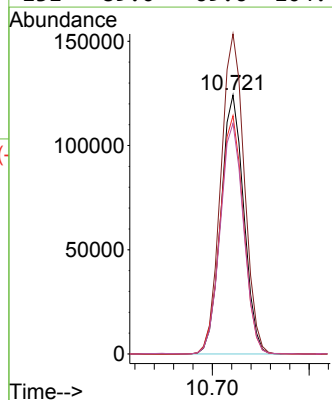
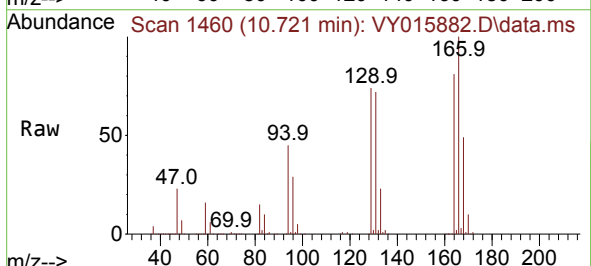
Ion Ratio Lower Upper

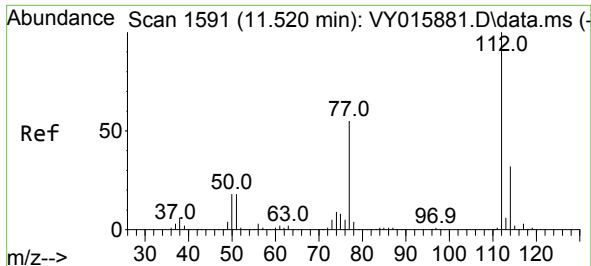
164 100

166 123.6 103.0 154.6

129 92.0 77.2 115.8

131 89.0 69.6 104.4

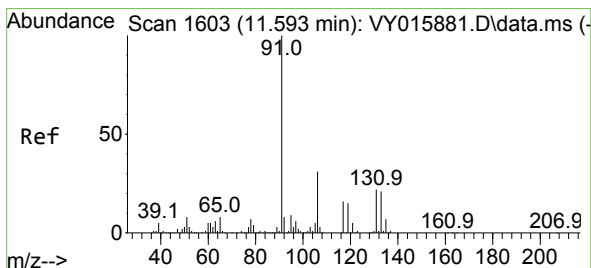
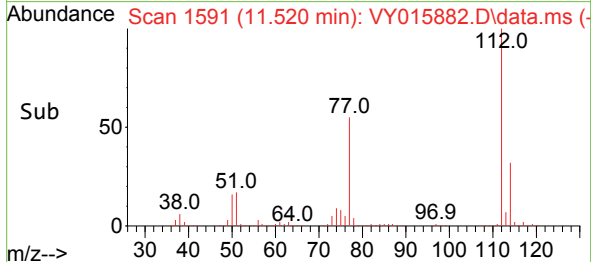
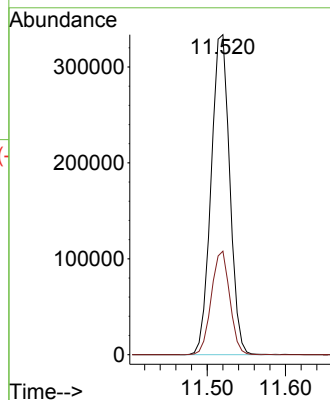
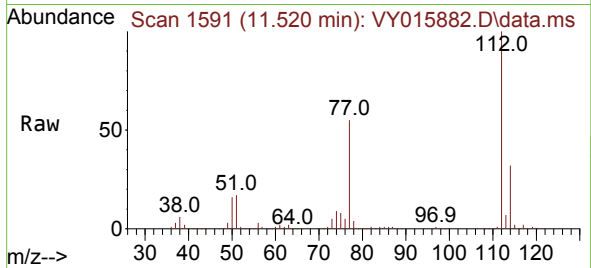




#65
Chlorobenzene
Concen: 103.482 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

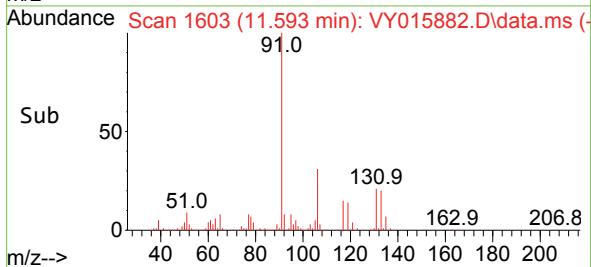
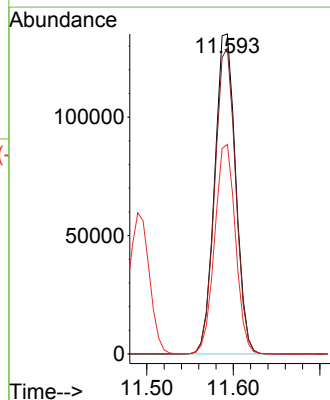
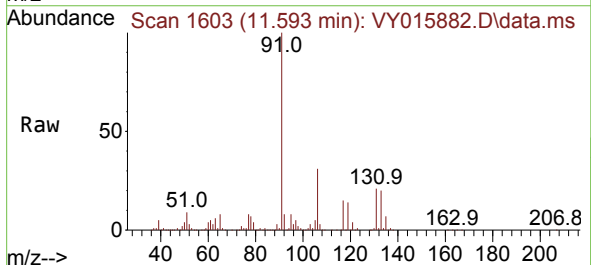
Instrument :
MSVOA_Y
ClientSampleId :

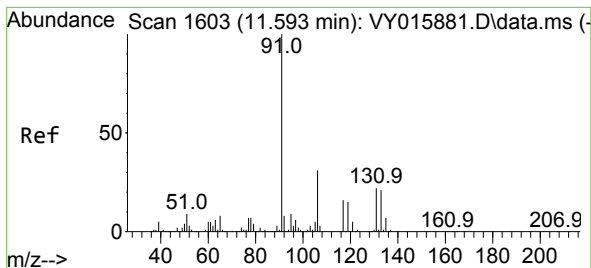
Tgt Ion:112 Resp: 550922
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 104.740 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion:131 Resp: 227914
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.0 31.6 94.7

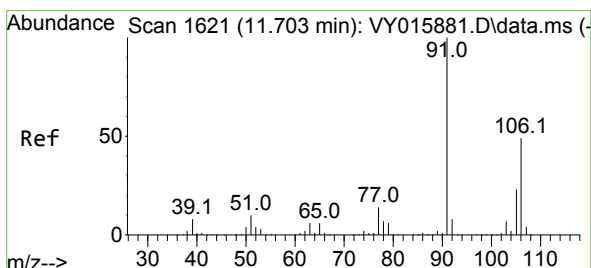
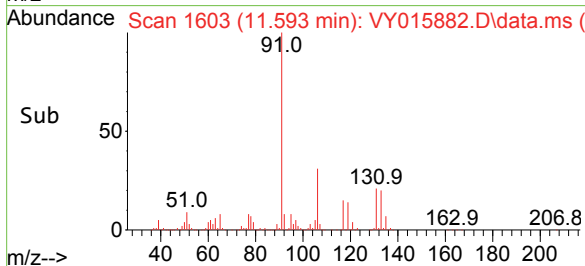
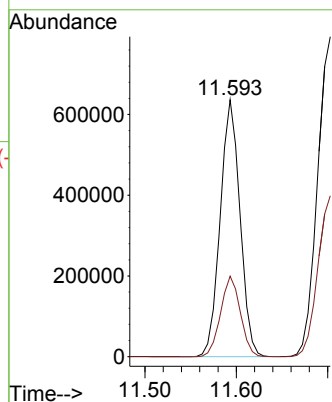
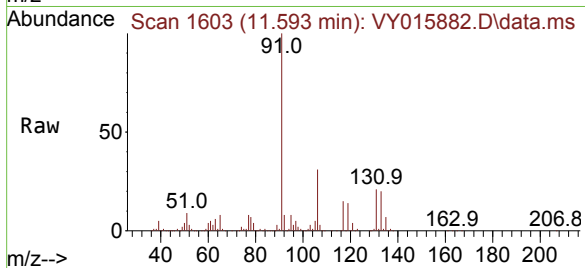




#67
Ethyl Benzene
Concen: 104.872 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

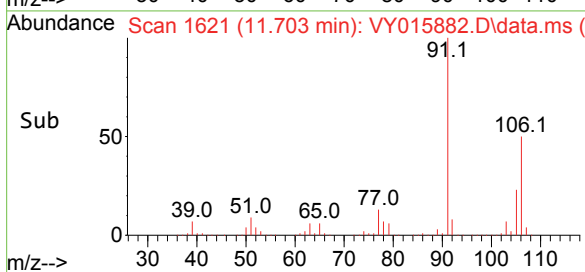
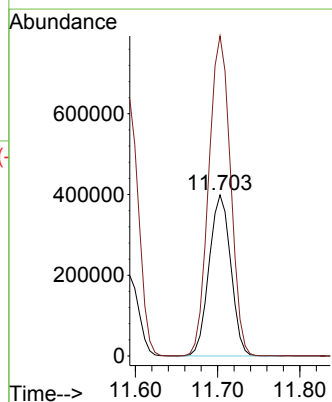
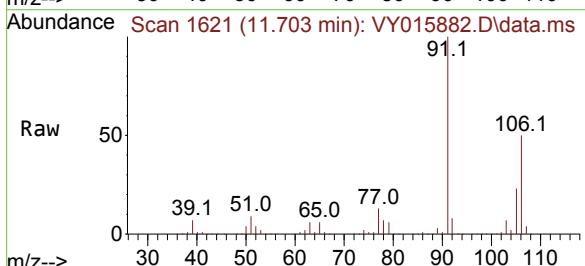
Instrument :
MSVOA_Y
ClientSampleId :

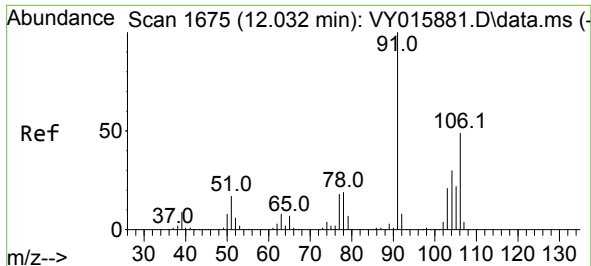
Tgt Ion: 91 Resp: 957836
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 211.784 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion:106 Resp: 728874
Ion Ratio Lower Upper
106 100
91 200.1 166.1 249.1

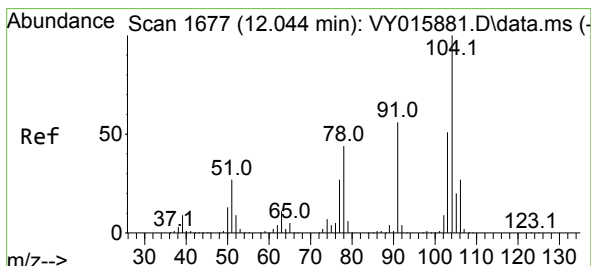
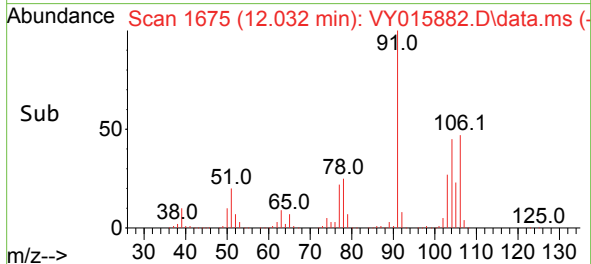
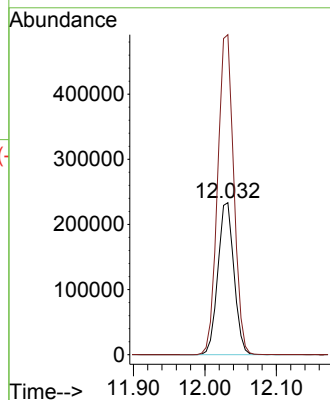
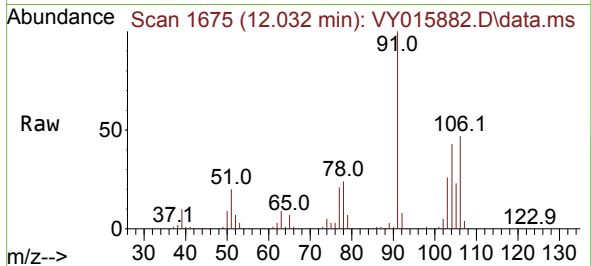




#69
o-Xylene
Concen: 105.770 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

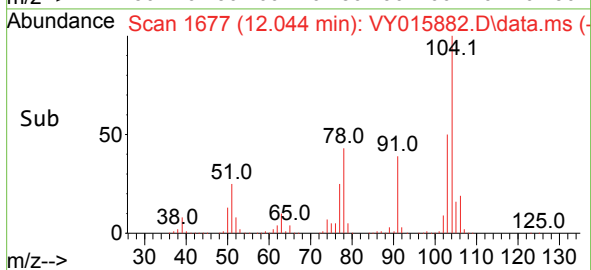
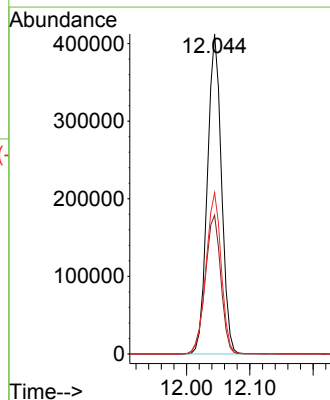
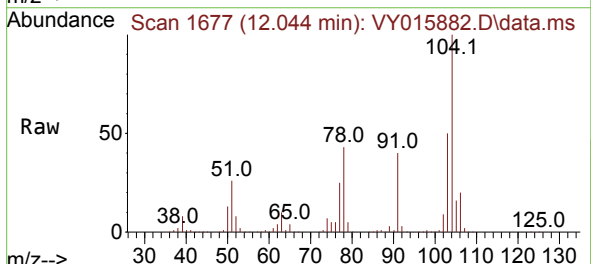
Instrument :
MSVOA_Y
ClientSampleId :

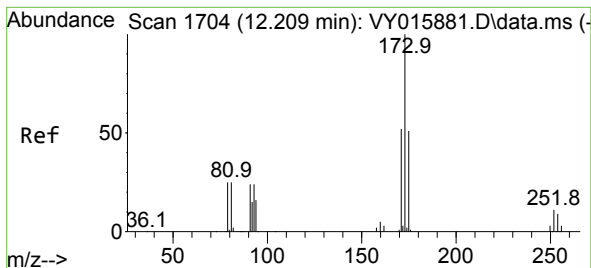
Tgt Ion:106 Resp: 364214
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.3



#70
Styrene
Concen: 106.432 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion:104 Resp: 639435
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 109.143 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

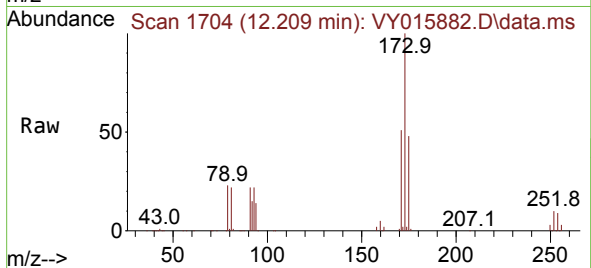
Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

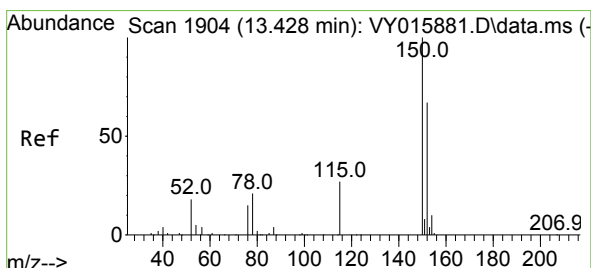
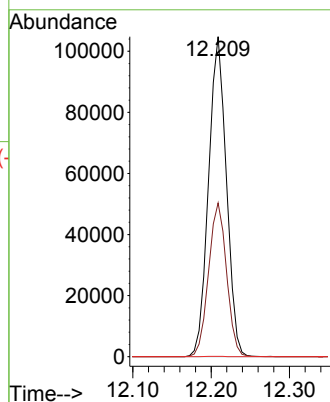
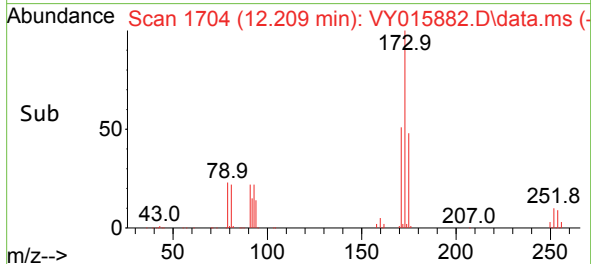
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	165383
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.6	73.8
254	0.1	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

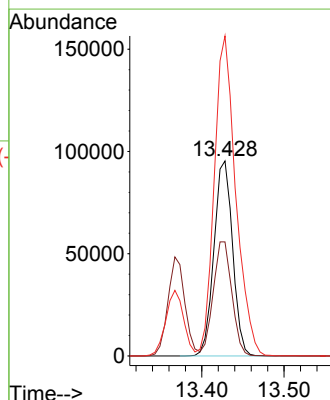
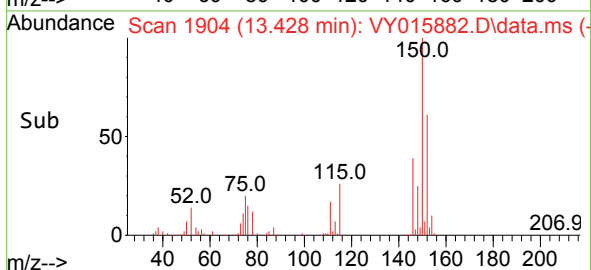
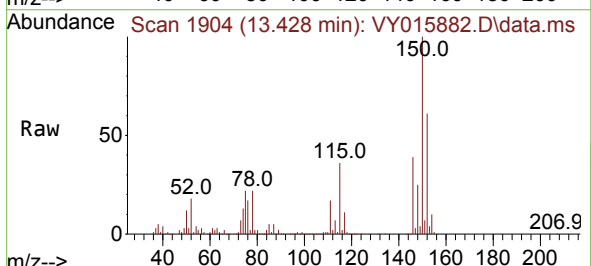
RT: 13.428 min Scan# 1904

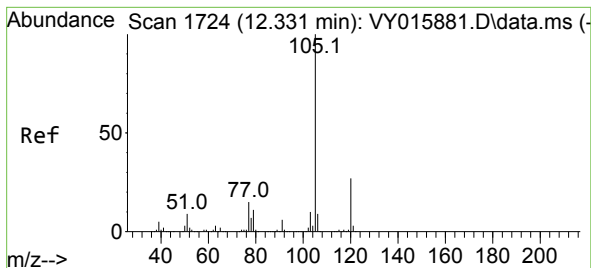
Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Tgt Ion:	152	Resp:	150096
Ion Ratio	Lower	Upper	
152	100		
115	58.6	28.8	86.5
150	189.8	0.0	348.8





#73

Isopropylbenzene

Concen: 104.250 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

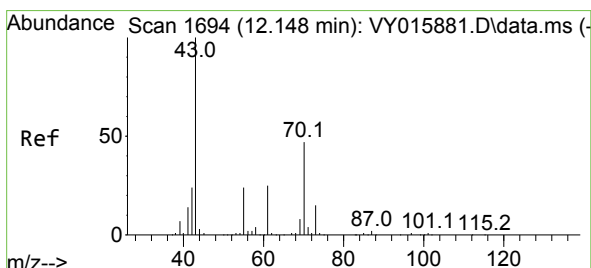
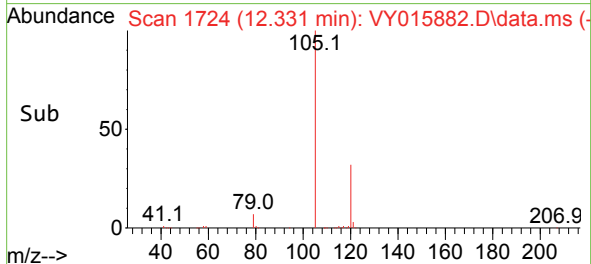
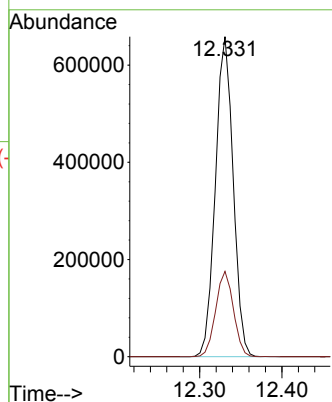
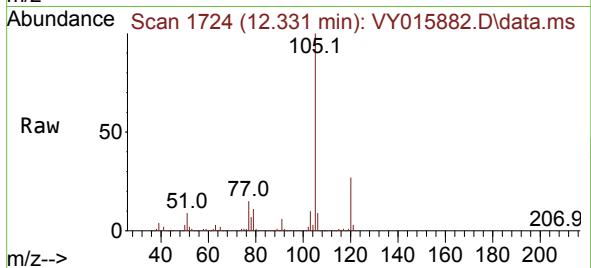
ClientSampleId :

Tgt Ion:105 Resp: 987064

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 111.196 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Tgt Ion: 43 Resp: 331791

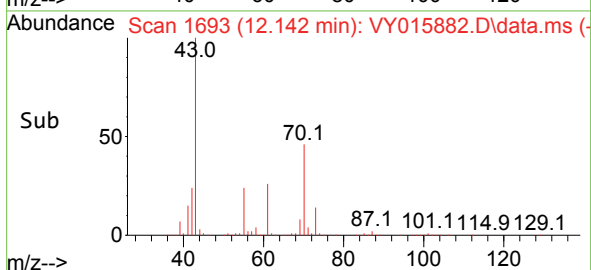
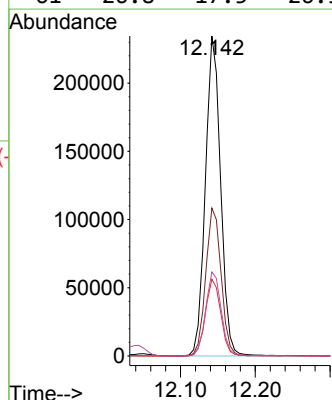
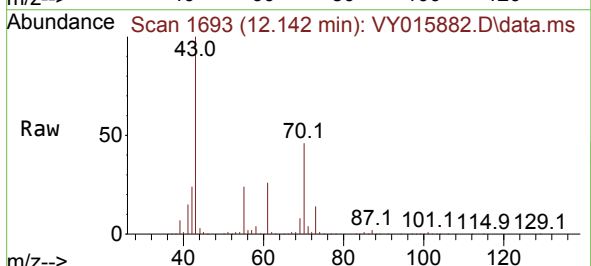
Ion Ratio Lower Upper

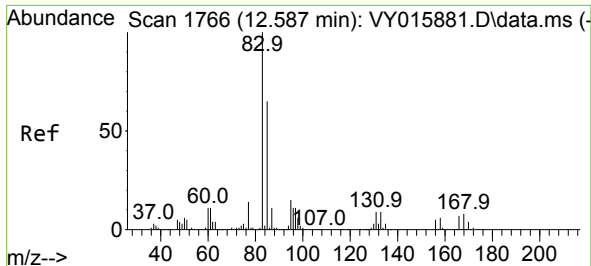
43 100

70 46.9 29.7 44.5#

55 24.4 18.3 27.5

61 26.8 17.5 26.3#

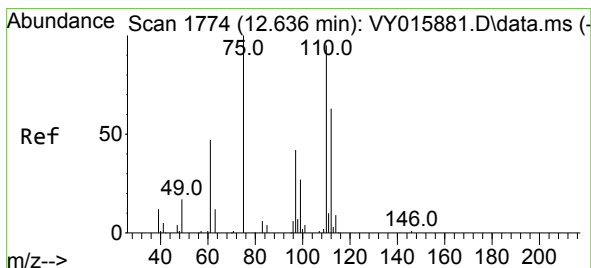
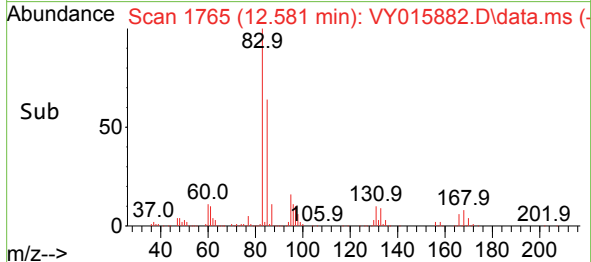
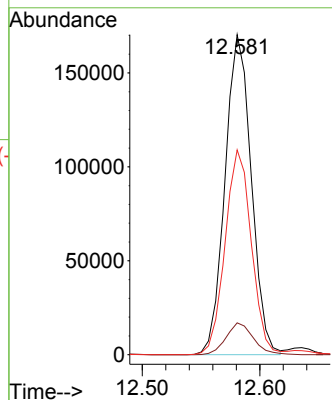
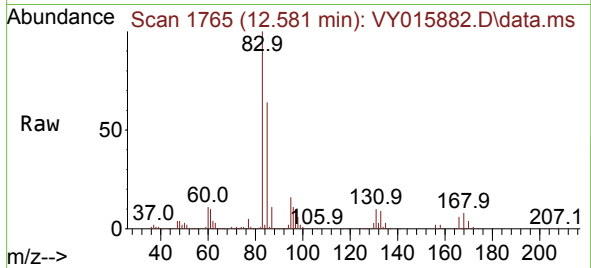




#75
1,1,2,2-Tetrachloroethane
Concen: 107.794 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

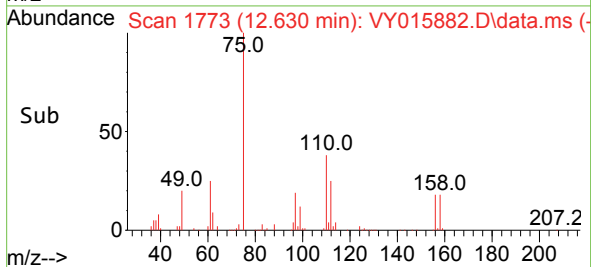
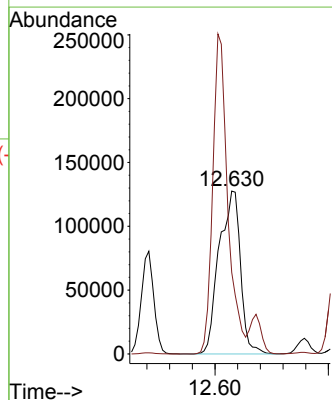
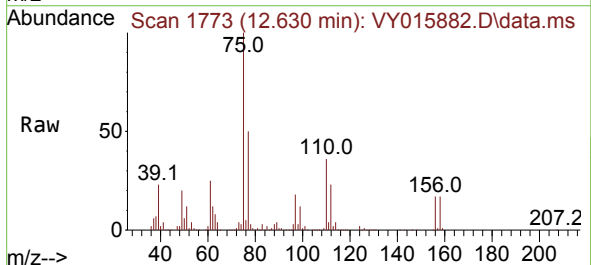
Instrument :
MSVOA_Y
ClientSampleId :

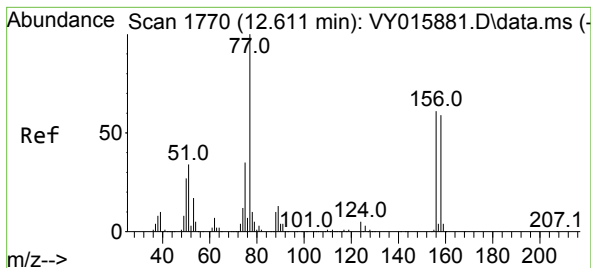
Tgt Ion: 83 Resp: 264643
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 64.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 185.091 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion: 75 Resp: 334228
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.853 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

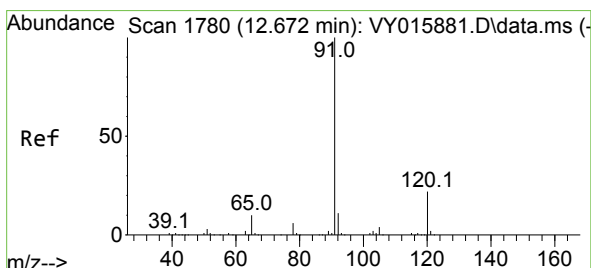
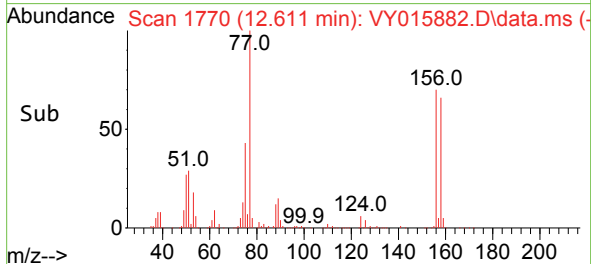
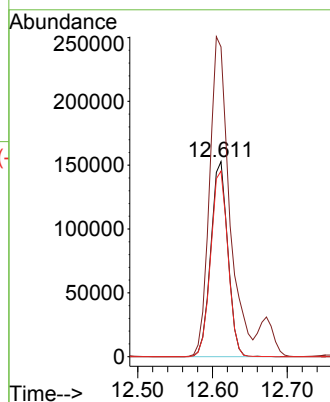
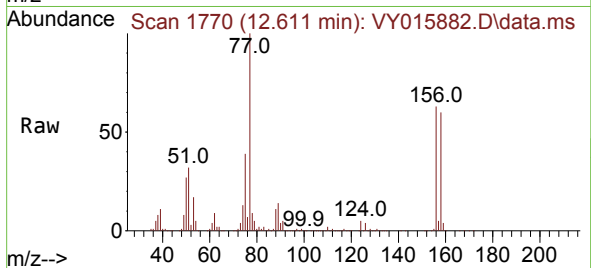
Tgt Ion:156 Resp: 241110

Ion Ratio Lower Upper

156 100

77 191.8 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 102.708 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015882.D

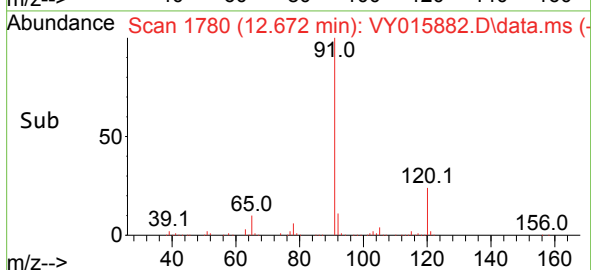
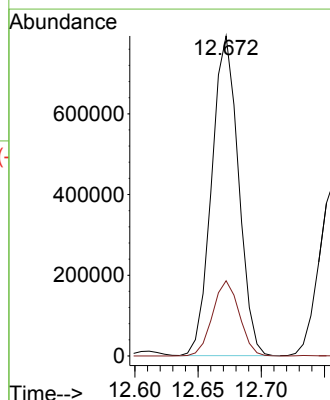
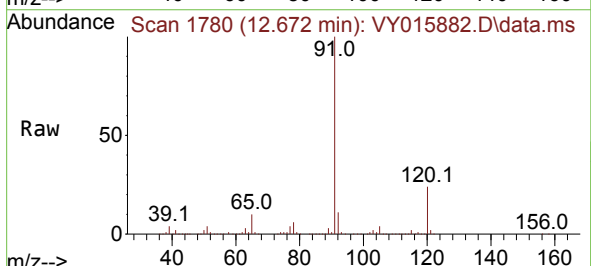
Acq: 09 Oct 2023 15:07

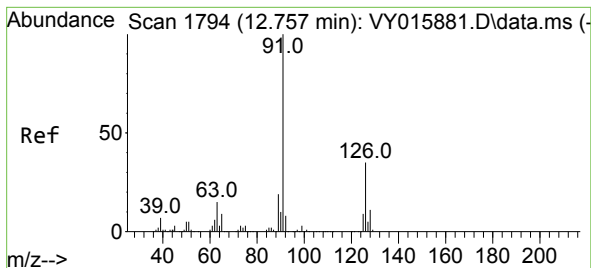
Tgt Ion: 91 Resp: 1169466

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 103.079 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

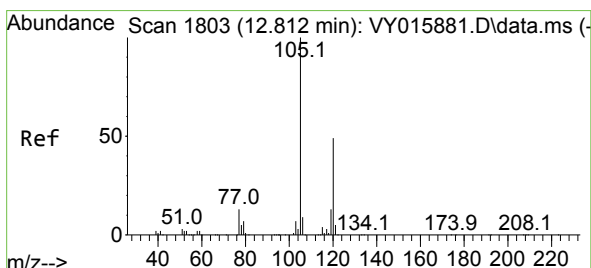
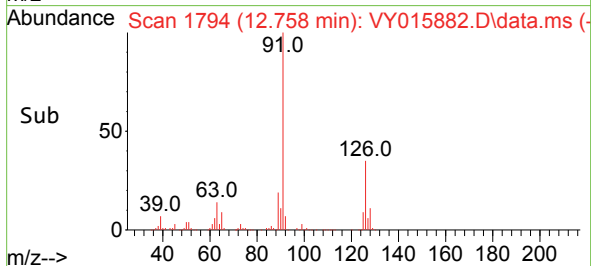
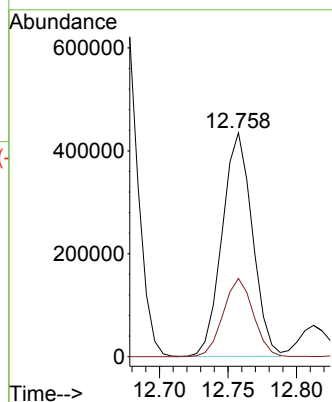
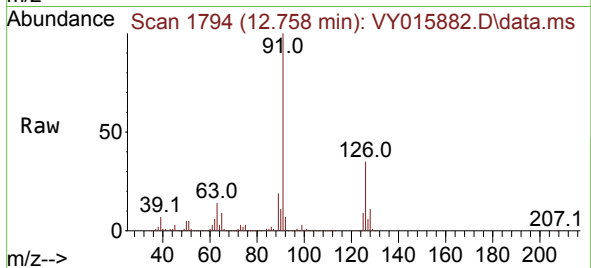
ClientSampleId :

Tgt Ion: 91 Resp: 668564

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 105.270 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015882.D

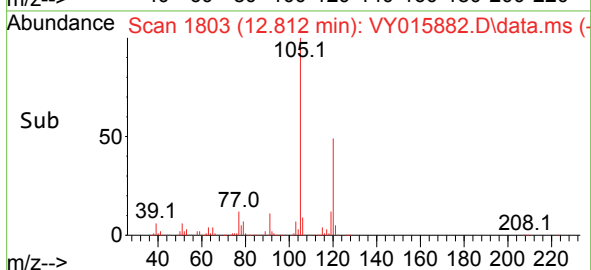
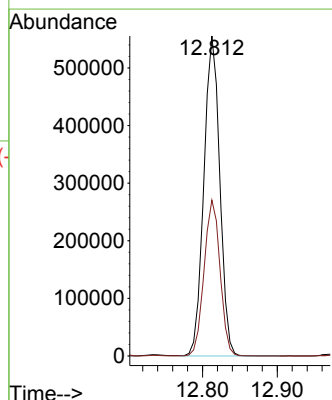
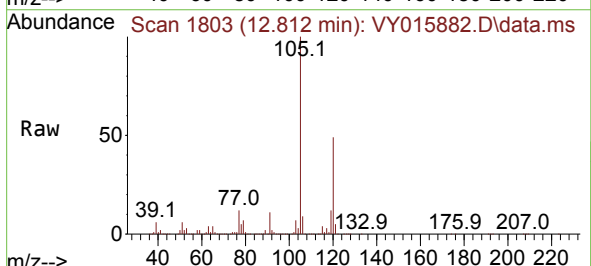
Acq: 09 Oct 2023 15:07

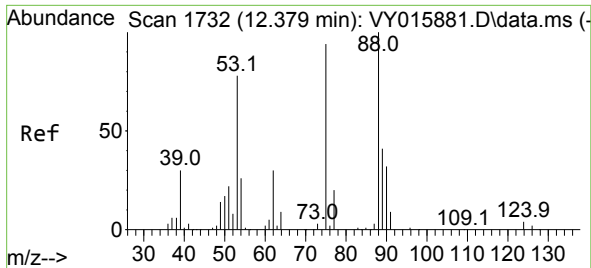
Tgt Ion:105 Resp: 821492

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

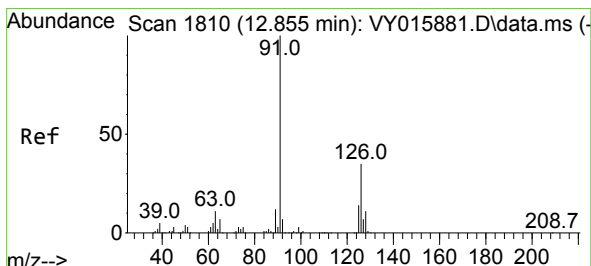
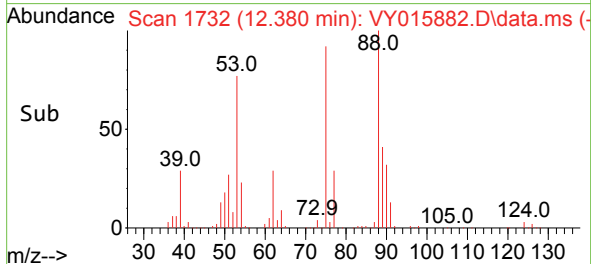
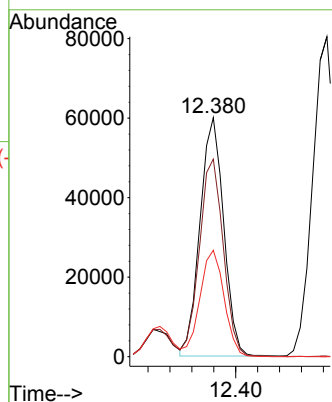
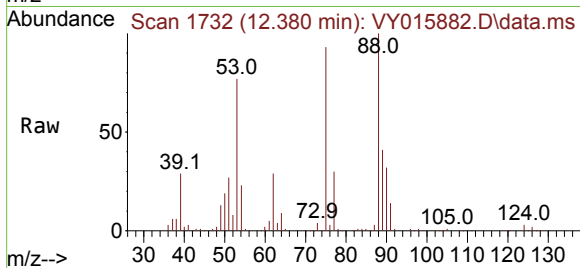




#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.823 ug/l
 RT: 12.380 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

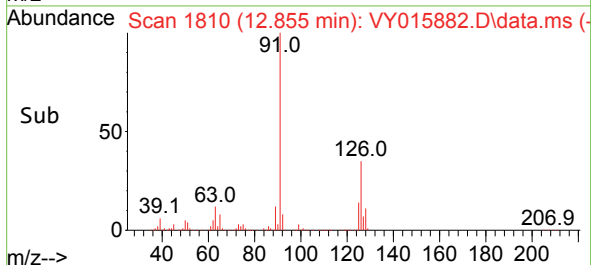
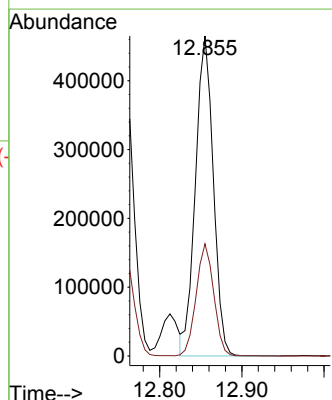
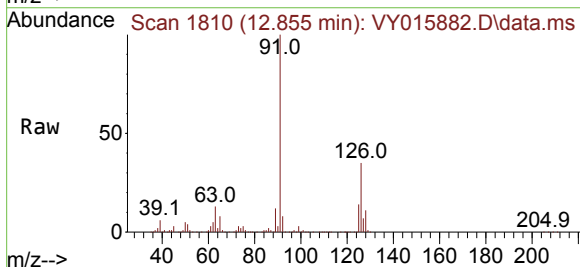
Instrument :
 MSVOA_Y
 ClientSampleId :

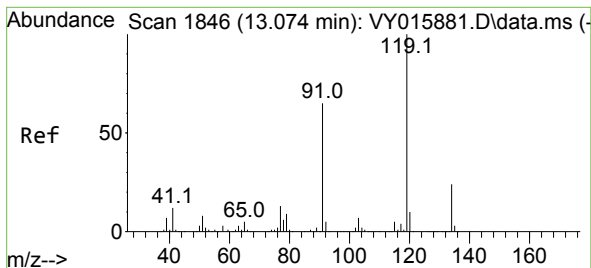
Tgt Ion: 75 Resp: 89939
 Ion Ratio Lower Upper
 75 100
 53 84.1 77.8 116.8
 89 45.9 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 103.664 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

Tgt Ion: 91 Resp: 700663
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 101.537 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

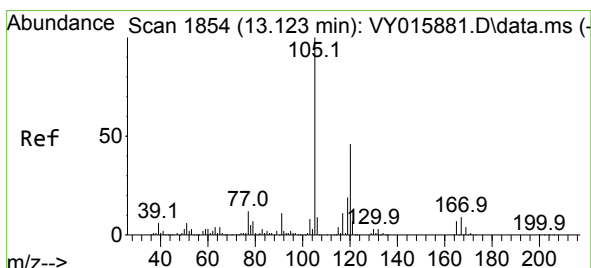
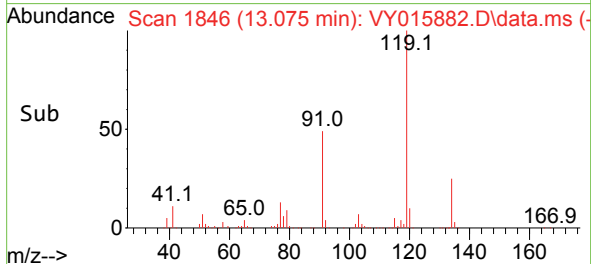
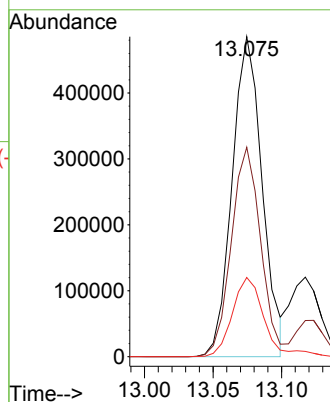
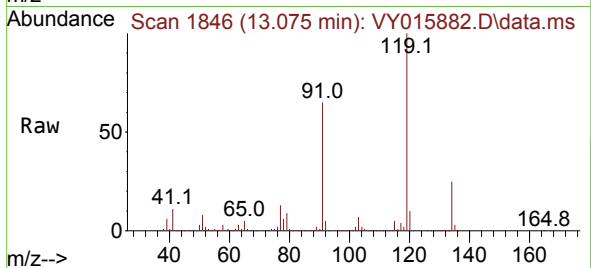
Tgt Ion:119 Resp: 739476

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 104.293 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015882.D

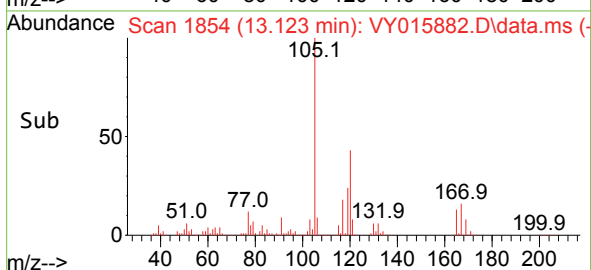
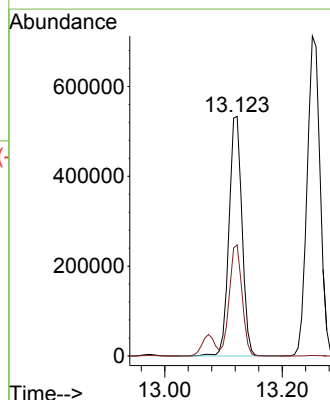
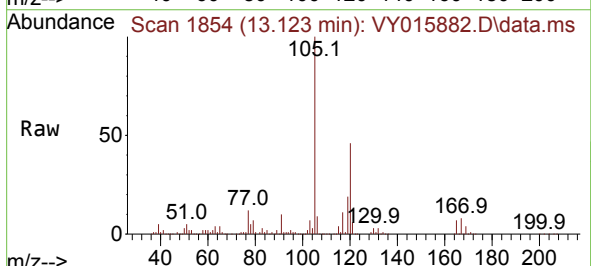
Acq: 09 Oct 2023 15:07

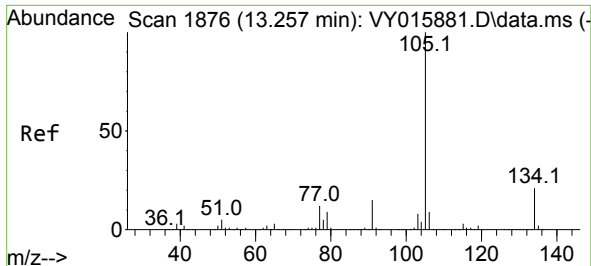
Tgt Ion:105 Resp: 819587

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

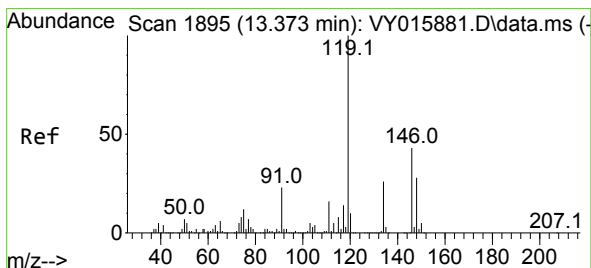
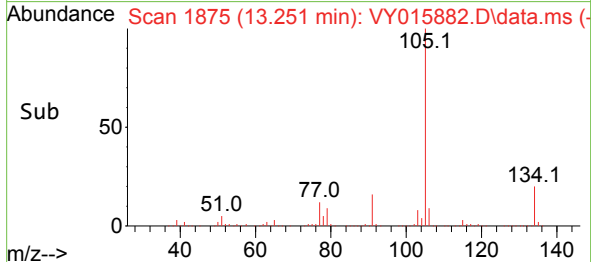
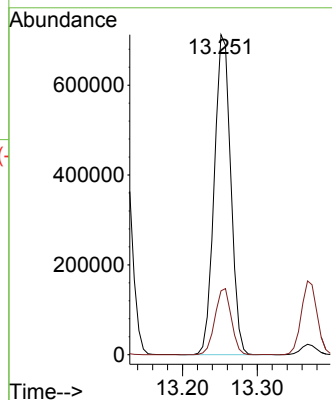
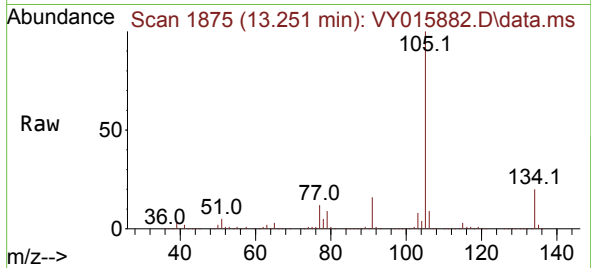




#85
 sec-Butylbenzene
 Concen: 102.209 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

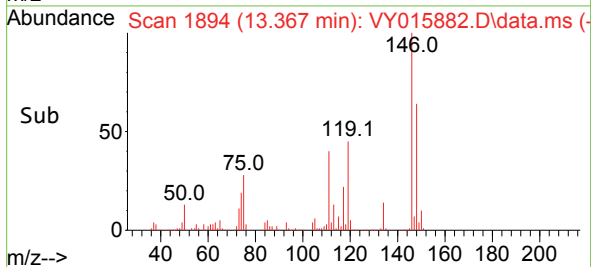
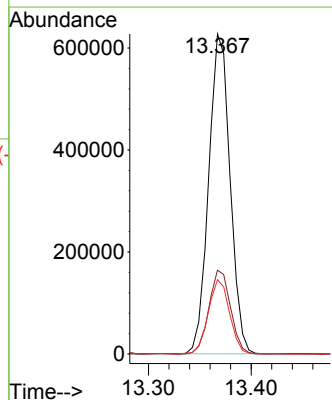
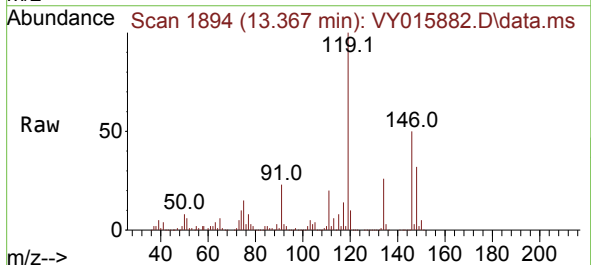
Instrument :
 MSVOA_Y
 ClientSampleId :

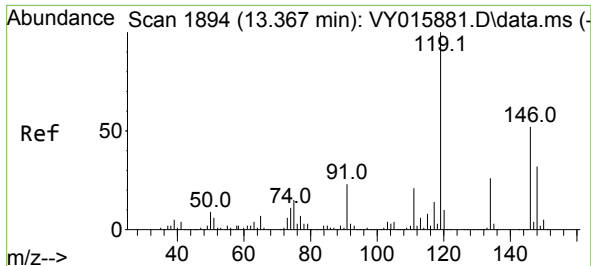
Tgt Ion:105 Resp: 1091648
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 102.849 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY015882.D
 Acq: 09 Oct 2023 15:07

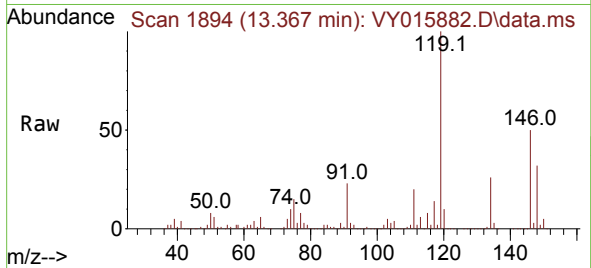
Tgt Ion:119 Resp: 908713
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.0 12.4 37.4



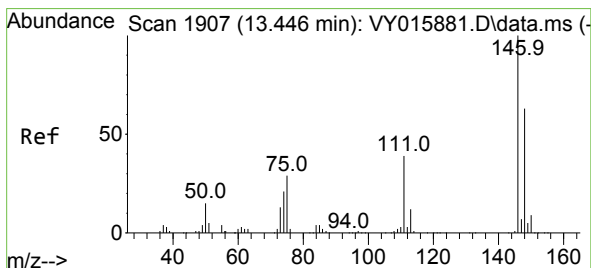
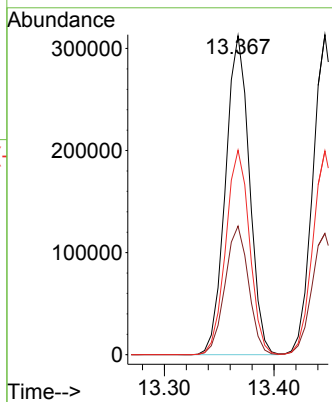
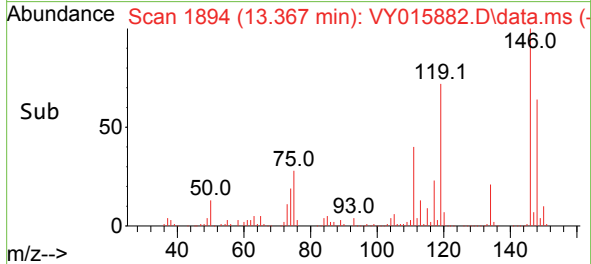


#87
1,3-Dichlorobenzene
Concen: 101.334 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

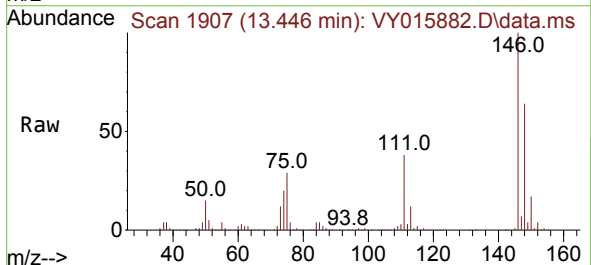
Instrument :
MSVOA_Y
ClientSampleId :



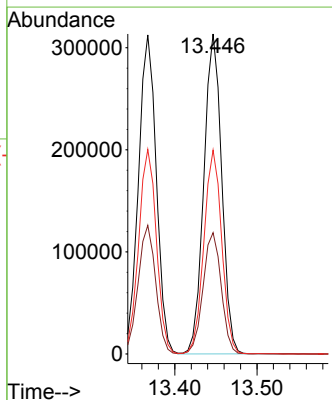
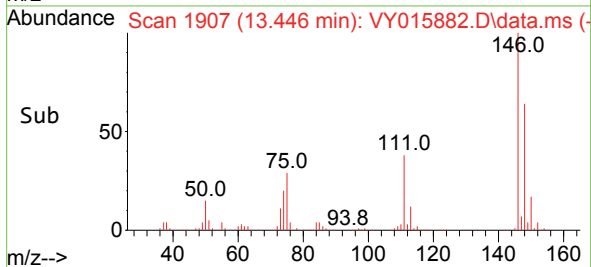
Tgt Ion:146 Resp: 473648
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.8 31.9 95.5

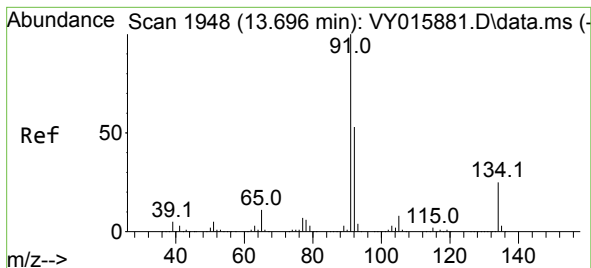


#88
1,4-Dichlorobenzene
Concen: 100.485 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07



Tgt Ion:146 Resp: 472983
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 101.748 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

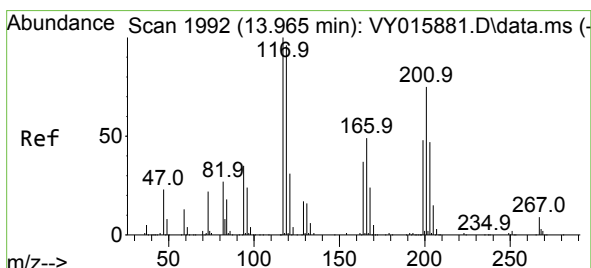
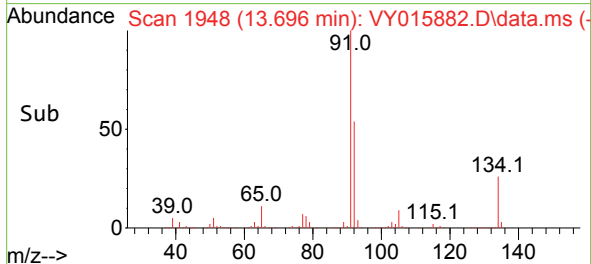
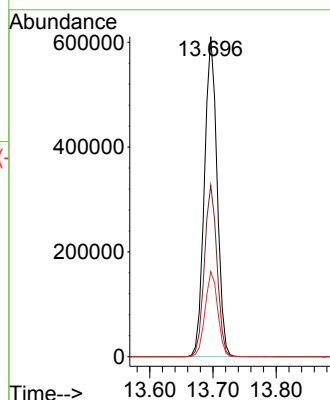
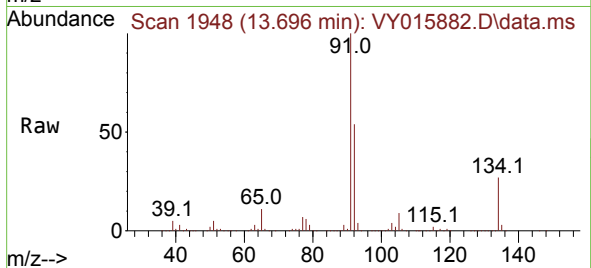
Tgt Ion: 91 Resp: 850727

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 102.398 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY015882.D

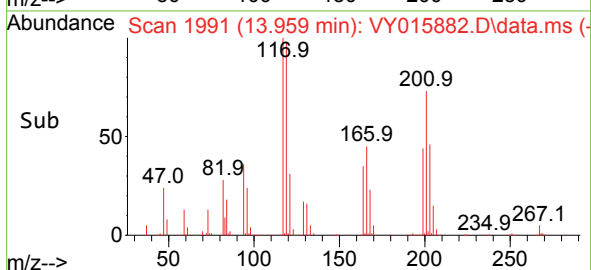
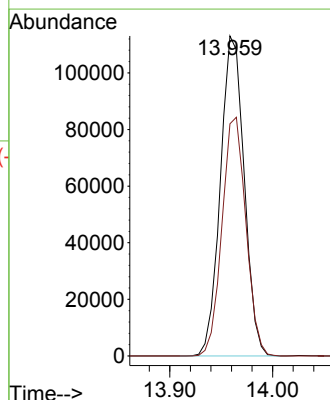
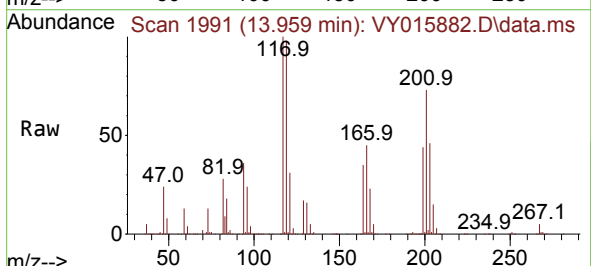
Acq: 09 Oct 2023 15:07

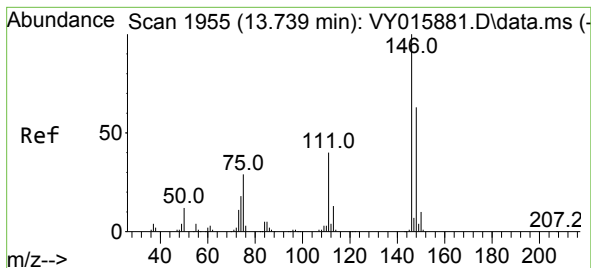
Tgt Ion: 117 Resp: 181567

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 101.876 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

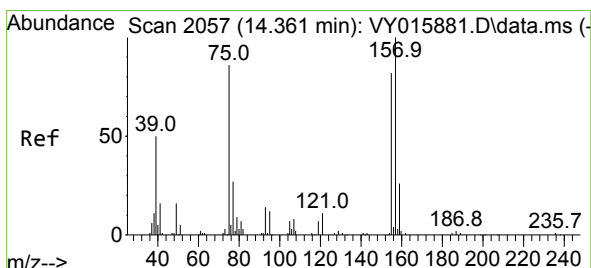
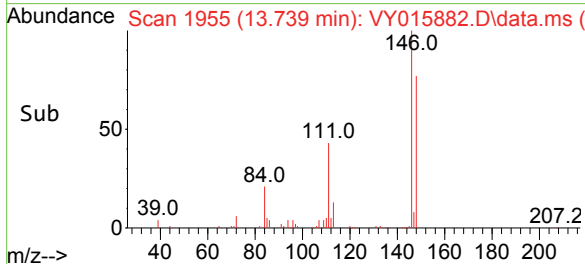
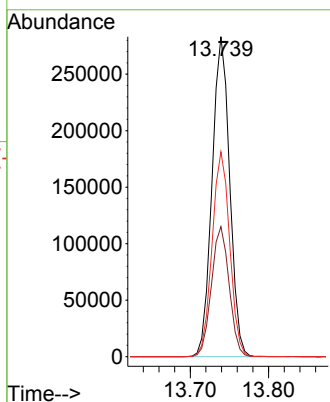
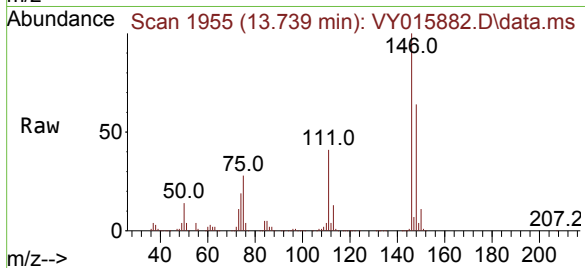
Tgt Ion:146 Resp: 442624

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 109.954 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

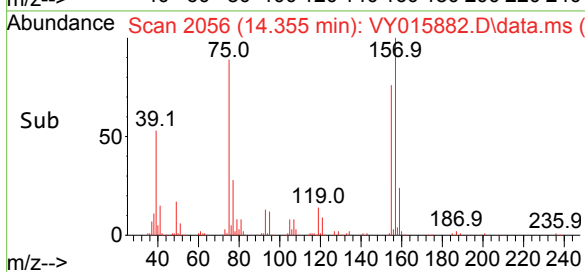
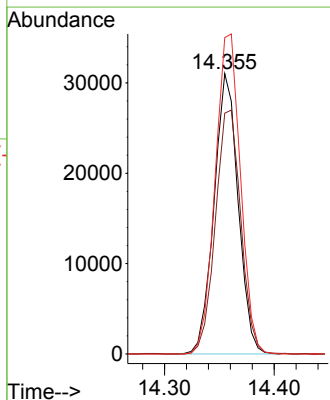
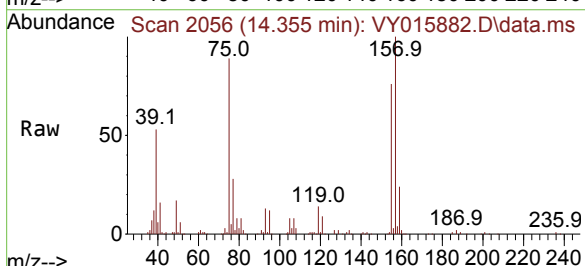
Tgt Ion: 75 Resp: 47407

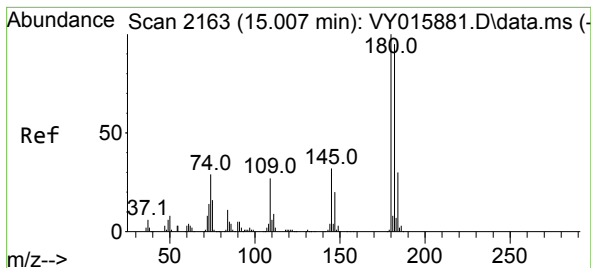
Ion Ratio Lower Upper

75 100

155 91.7 41.5 124.6

157 119.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 102.597 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

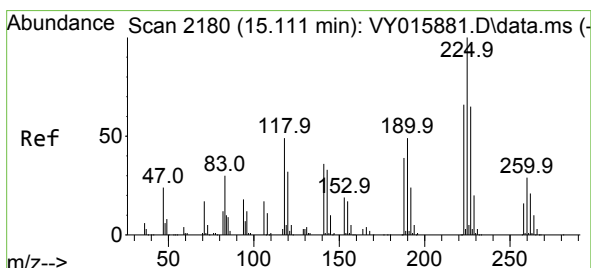
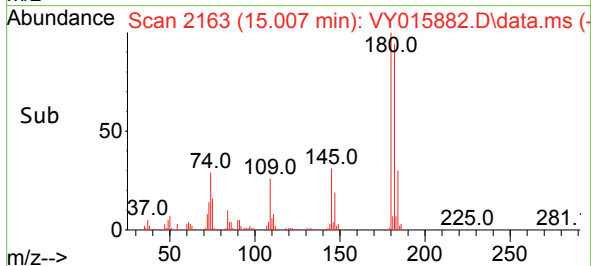
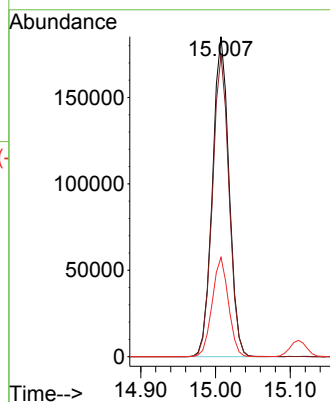
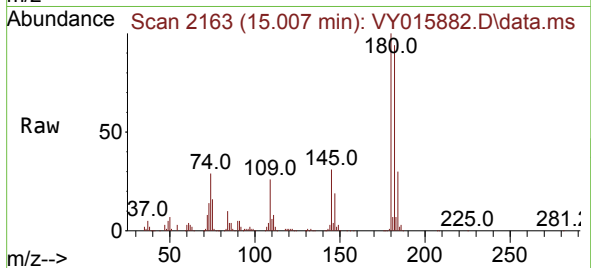
Tgt Ion:180 Resp: 285681

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 99.361 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015882.D

Acq: 09 Oct 2023 15:07

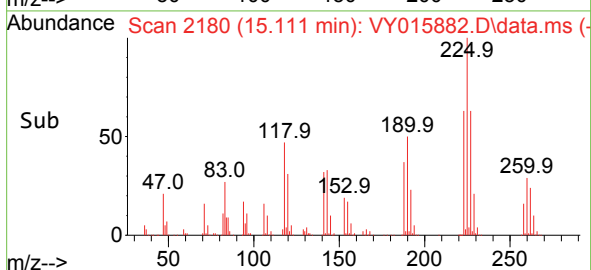
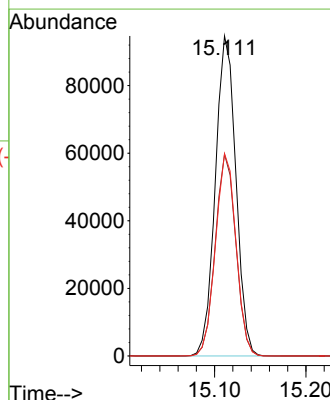
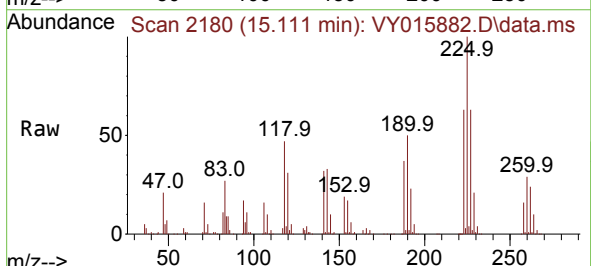
Tgt Ion:225 Resp: 148153

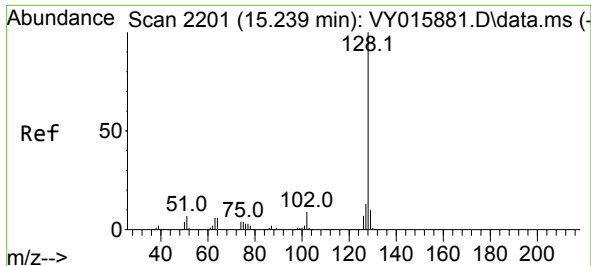
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 63.1 33.0 98.9

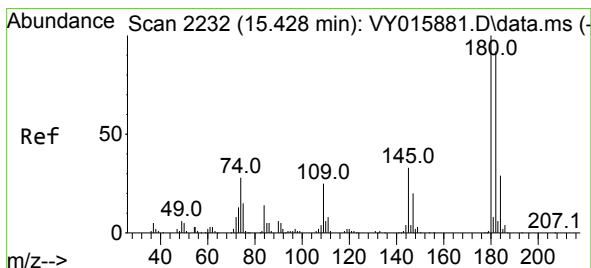
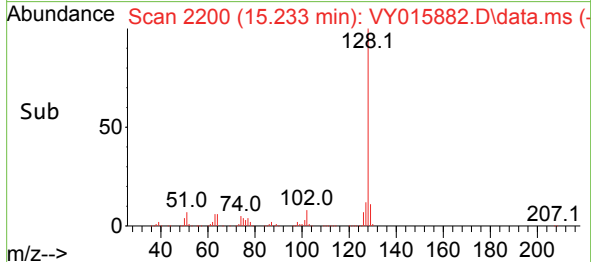
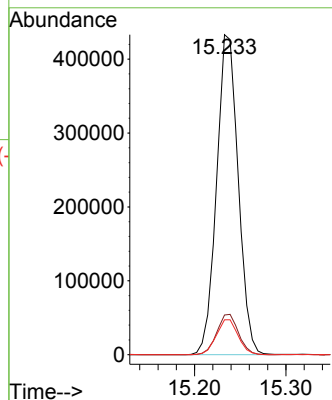
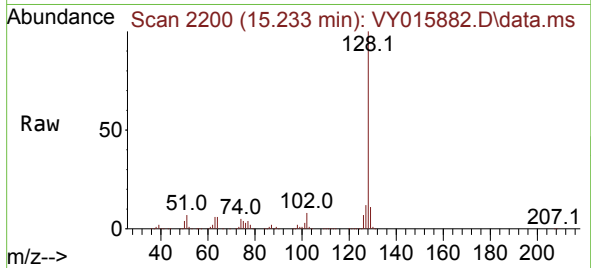




#95
Naphthalene
Concen: 110.662 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 712845
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: 103.142 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY015882.D
Acq: 09 Oct 2023 15:07

Tgt Ion:180 Resp: 255474
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 33.1 15.4 46.2

