

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015856.D
 Acq On : 06 Oct 2023 12:36
 Operator : SY/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:25:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	314549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99081	53.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.716	113	94000	52.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.860%	
50) Toluene-d8	10.179	98	319133	54.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.640%	
62) 4-Bromofluorobenzene	12.483	95	122629	51.537	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	15994	18.385	ug/l	97
3) Chloromethane	2.107	50	16424	16.988	ug/l	96
4) Vinyl Chloride	2.247	62	20626	16.939	ug/l	99
5) Bromomethane	2.644	94	14866	16.608	ug/l	95
6) Chloroethane	2.784	64	13747	15.806	ug/l	90
7) Trichlorofluoromethane	3.113	101	44046	18.644	ug/l	99
8) Diethyl Ether	3.528	74	19601	19.030	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	29176	18.947	ug/l	96
10) Methyl Iodide	4.082	142	21157	17.225	ug/l	94
11) Tert butyl alcohol	4.918	59	32574	66.575	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	22589	18.343	ug/l	88
13) Acrolein	3.735	56	15419	107.389	ug/l	99
14) Allyl chloride	4.473	41	43221	18.616	ug/l	92
15) Acrylonitrile	5.168	53	84555	105.240	ug/l	98
16) Acetone	3.967	43	118130	122.515	ug/l	90
17) Carbon Disulfide	4.186	76	25022	15.290	ug/l	97
18) Methyl Acetate	4.485	43	61176	19.495	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	113716	19.537	ug/l	99
20) Methylene Chloride	4.710	84	46121	18.075	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	25834	18.212	ug/l	86
22) Diisopropyl ether	6.125	45	118150	19.598	ug/l	92
23) Vinyl Acetate	6.058	43	363714	99.676	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	61377	19.172	ug/l	97
25) 2-Butanone	6.990	43	152537	115.009	ug/l	97
26) 2,2-Dichloropropane	6.978	77	59669	20.057	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	38461	18.756	ug/l	97
28) Bromochloromethane	7.332	49	37990	20.292	ug/l	93
29) Tetrahydrofuran	7.350	42	79166	106.972	ug/l	93
30) Chloroform	7.503	83	69689	19.459	ug/l	97
31) Cyclohexane	7.789	56	35783	17.058	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	56561	19.319	ug/l	98
36) 1,1-Dichloropropene	7.917	75	39211	18.331	ug/l	98
37) Ethyl Acetate	7.076	43	52261	21.833	ug/l	97
38) Carbon Tetrachloride	7.899	117	47172	18.755	ug/l	99
39) Methylcyclohexane	9.185	83	39049	17.070	ug/l	92
40) Benzene	8.161	78	126737	18.882	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	24960	21.781	ug/l	95
42) 1,2-Dichloroethane	8.234	62	45841	18.968	ug/l	92
43) Isopropyl Acetate	8.277	43	82533	20.032	ug/l	98
44) Trichloroethene	8.941	130	38217	19.455	ug/l	94
45) 1,2-Dichloropropane	9.216	63	38574	19.430	ug/l	98
46) Dibromomethane	9.307	93	24276	19.126	ug/l	96
47) Bromodichloromethane	9.496	83	57450	19.500	ug/l	99
48) Methyl methacrylate	9.295	41	35652	19.813	ug/l	90
49) 1,4-Dioxane	9.319	88	13435	472.539	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	276302	107.201	ug/l	92
52) Toluene	10.246	92	84472	19.235	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	58756	19.007	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	62808	19.139	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	39240	19.679	ug/l	98
56) Ethyl methacrylate	10.514	69	56048	19.386	ug/l #	86
57) 1,3-Dichloropropane	10.789	76	63034	19.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	180624	107.220	ug/l	95
59) 2-Hexanone	10.831	43	225784	112.891	ug/l	90
60) Dibromochloromethane	10.984	129	45507	19.759	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37130	19.925	ug/l	99
64) Tetrachloroethene	10.721	164	40439	20.031	ug/l	97
65) Chlorobenzene	11.514	112	101707	19.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42407	19.418	ug/l	98
67) Ethyl Benzene	11.593	91	175361	19.289	ug/l	99
68) m/p-Xylenes	11.703	106	131997	38.195	ug/l	97
69) o-Xylene	12.032	106	65824	19.149	ug/l	98
70) Styrene	12.044	104	116419	19.400	ug/l	97
71) Bromoform	12.209	173	32645	20.047	ug/l #	99
73) Isopropylbenzene	12.331	105	181850	19.410	ug/l	100
74) N-amyl acetate	12.142	43	73634	20.339	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	56931	20.571	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73696	34.422	ug/l #	100
77) Bromobenzene	12.611	156	45025	19.427	ug/l	92
78) n-propylbenzene	12.672	91	220801	19.676	ug/l	100
79) 2-Chlorotoluene	12.758	91	127376	19.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	153397	19.646	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18826	20.355	ug/l	94
82) 4-Chlorotoluene	12.855	91	134696	19.915	ug/l	99
83) tert-Butylbenzene	13.075	119	140134	19.635	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	157423	20.069	ug/l	100
85) sec-Butylbenzene	13.251	105	209900	20.046	ug/l	100
86) p-Isopropyltoluene	13.367	119	174040	19.960	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91949	19.814	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	93458	19.919	ug/l	99
89) n-Butylbenzene	13.697	91	163203	19.670	ug/l	97
90) Hexachloroethane	13.959	117	33830	19.877	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	86695	19.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11938	21.498	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	55453	19.495	ug/l	98
94) Hexachlorobutadiene	15.111	225	28550	19.263	ug/l	99
95) Naphthalene	15.233	128	152103	20.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51919	19.481	ug/l	99

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ClientSampleId :

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

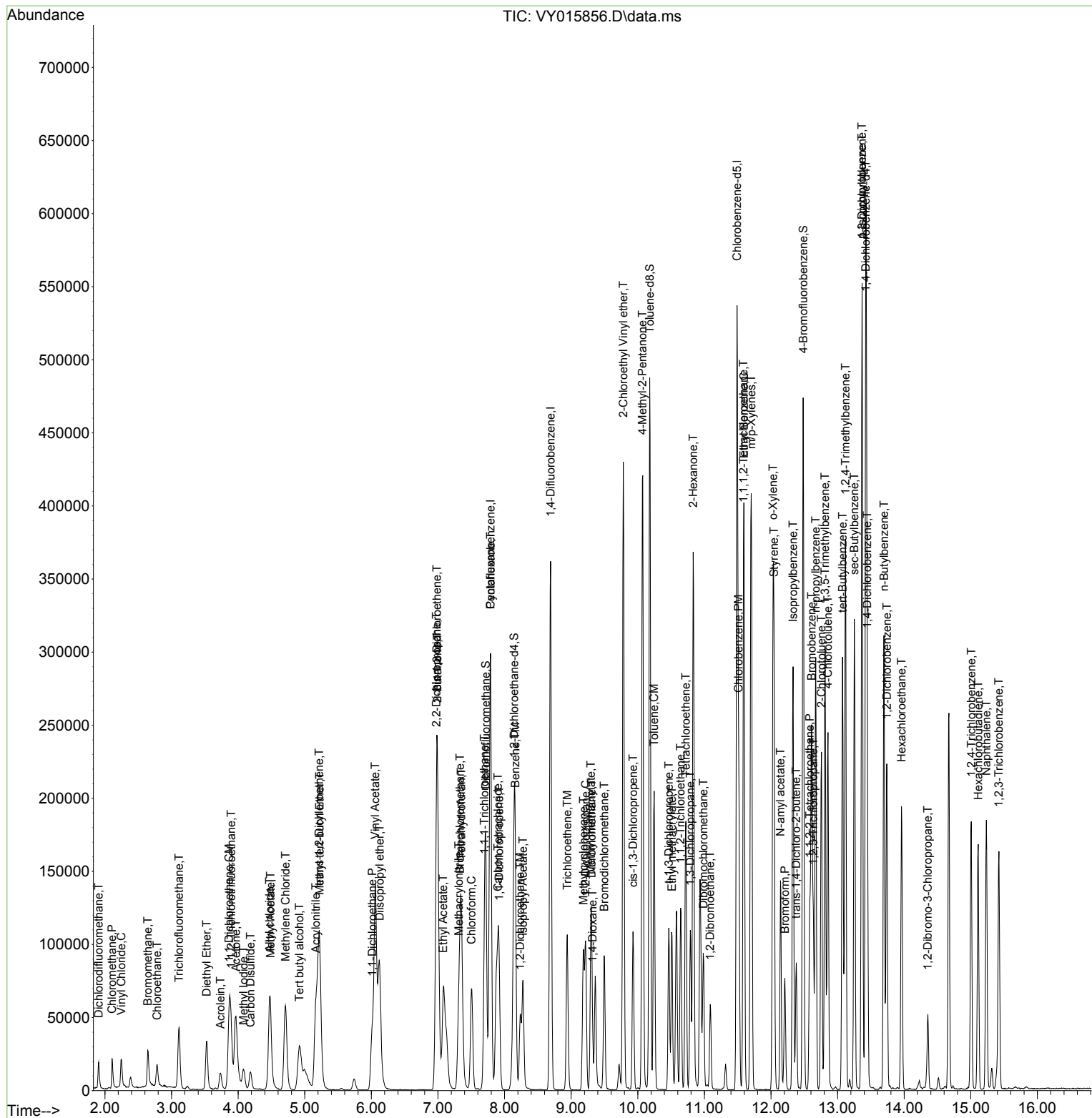
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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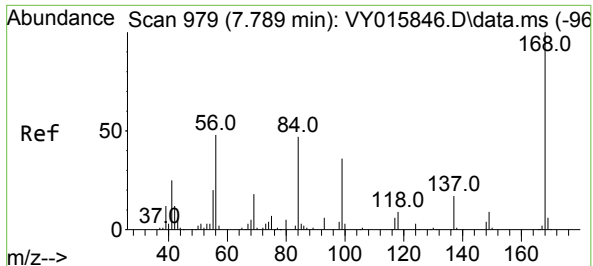
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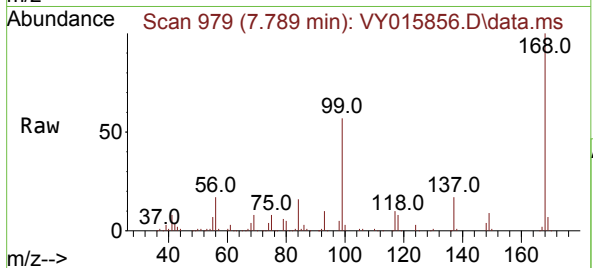
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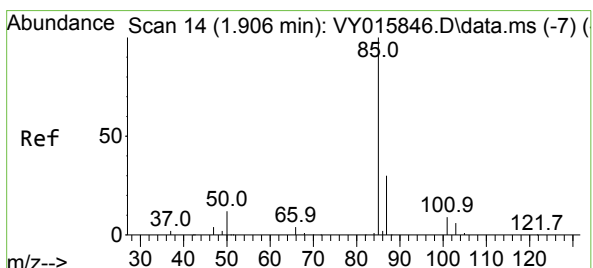
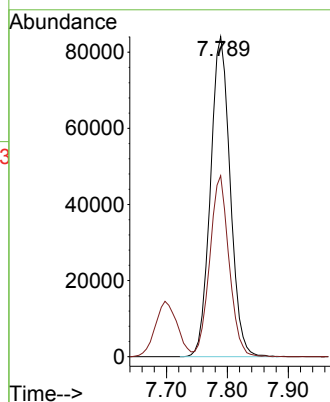
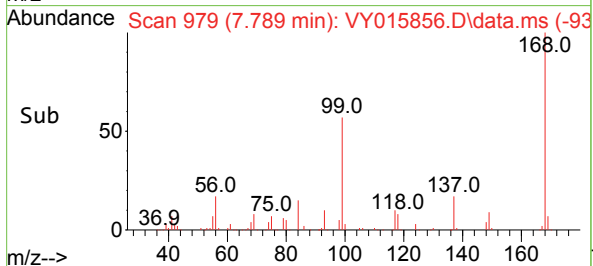


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015856.D
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MSVOA_Y
ClientSampleId :

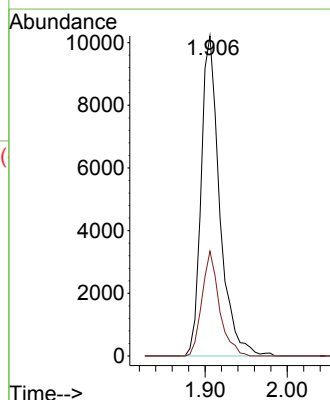
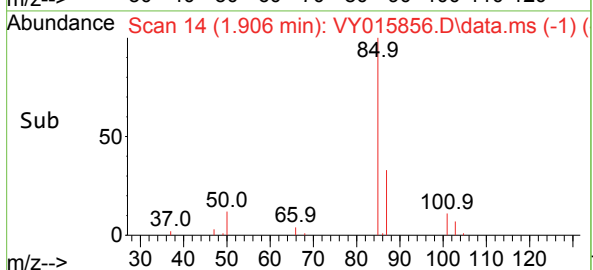
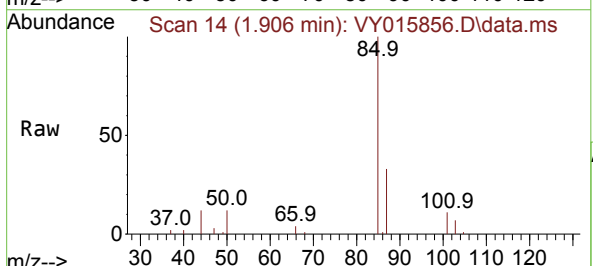


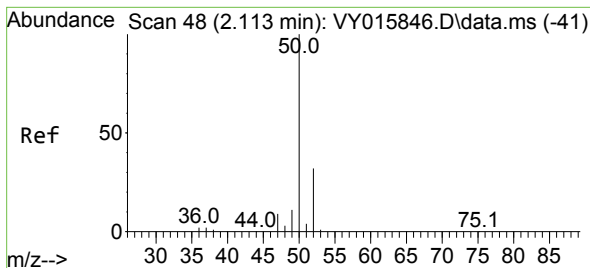
Tgt Ion:168 Resp: 189166
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.385 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 85 Resp: 15994
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3

Chloromethane

Concen: 16.988 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

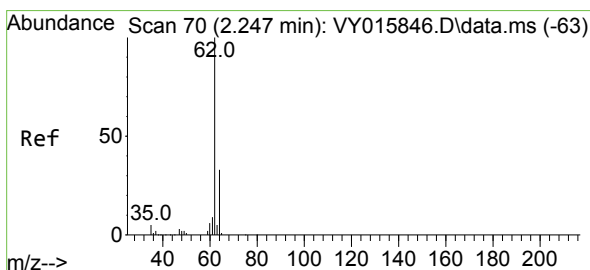
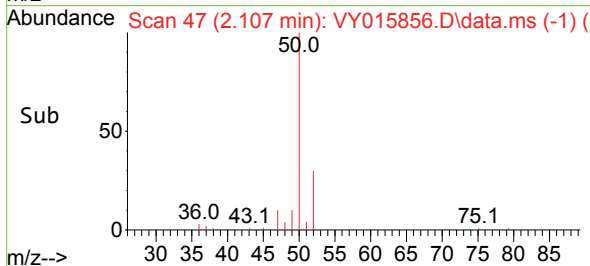
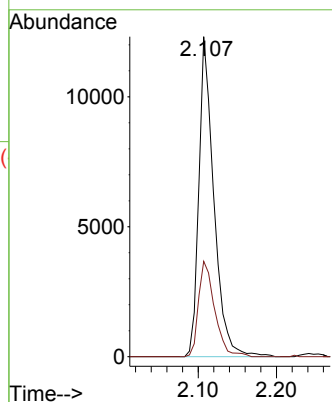
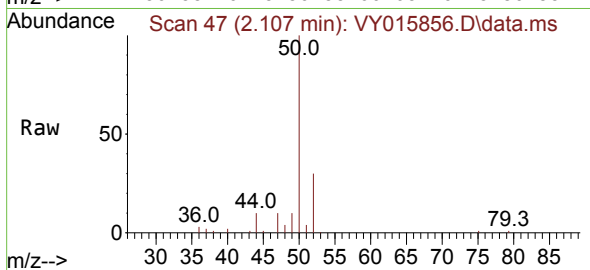
ClientSampleId :

Tgt Ion: 50 Resp: 16424

Ion Ratio Lower Upper

50 100

52 29.8 25.4 38.2



#4

Vinyl Chloride

Concen: 16.939 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015856.D

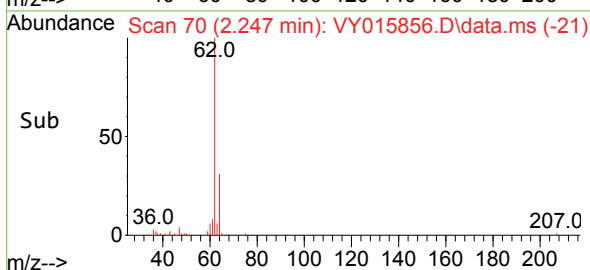
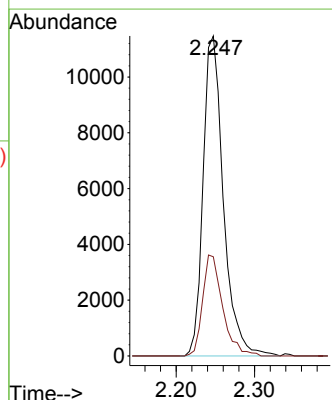
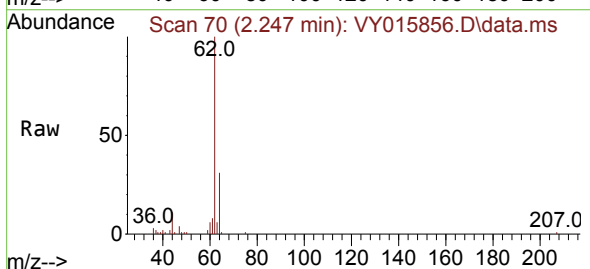
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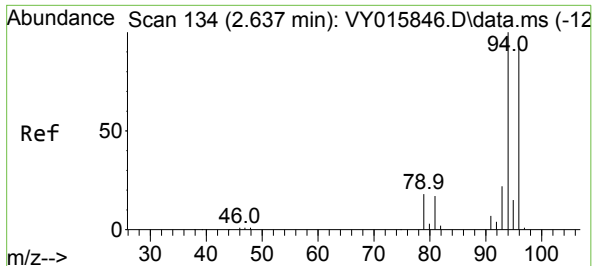
Tgt Ion: 62 Resp: 20626

Ion Ratio Lower Upper

62 100

64 31.0 24.3 36.5





#5

Bromomethane

Concen: 16.608 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

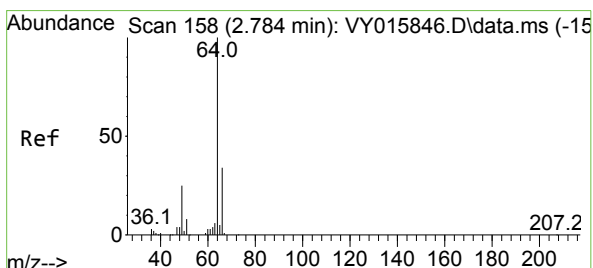
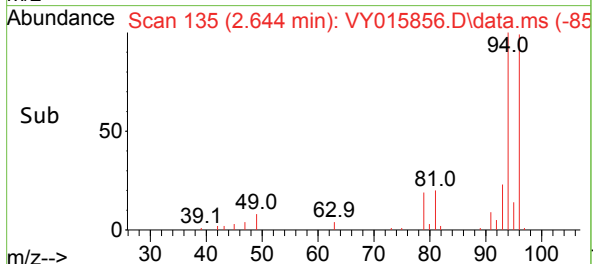
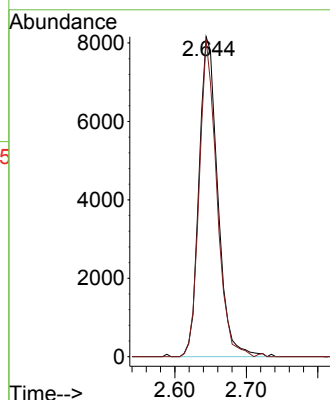
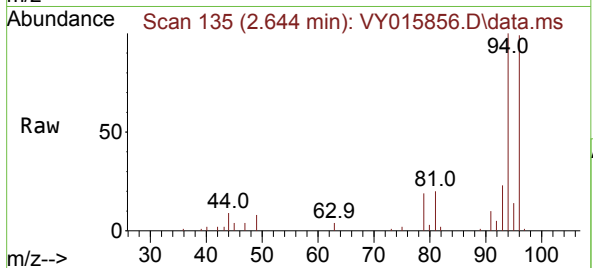
ClientSampleId :

Tgt Ion: 94 Resp: 14866

Ion Ratio Lower Upper

94 100

96 99.1 75.8 113.6



#6

Chloroethane

Concen: 15.806 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.000 min

Lab File: VY015856.D

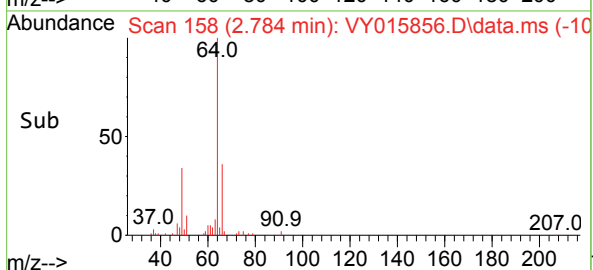
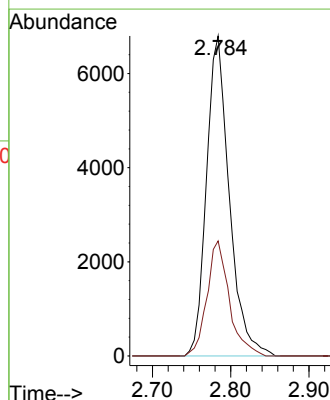
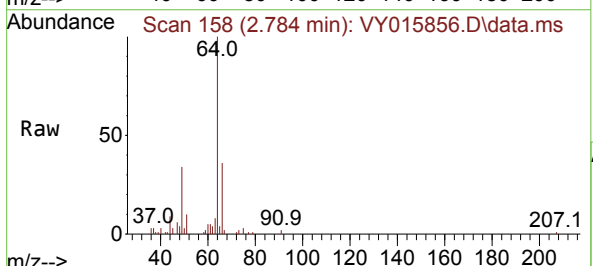
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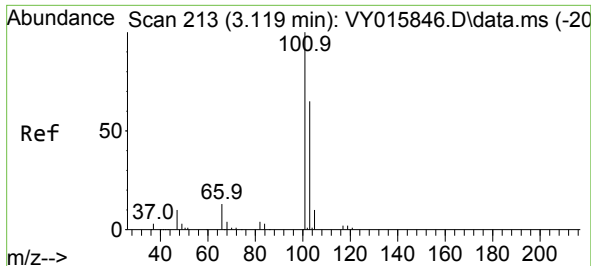
Tgt Ion: 64 Resp: 13747

Ion Ratio Lower Upper

64 100

66 35.9 24.4 36.6

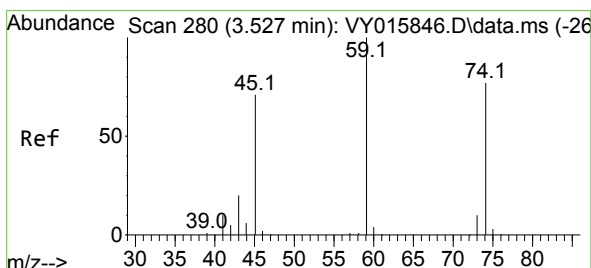
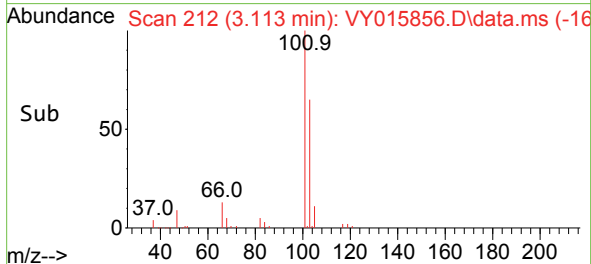
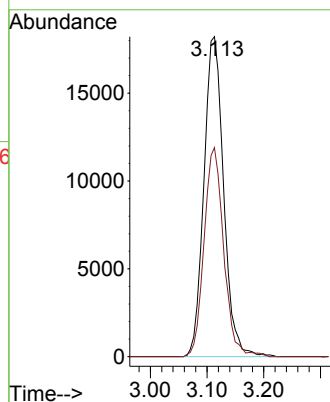
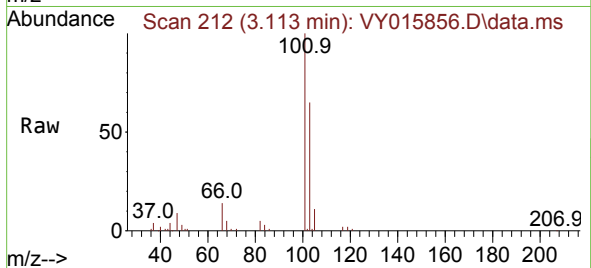




#7
 Trichlorofluoromethane
 Concen: 18.644 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY015856.D
 Acq: 06 Oct 2023 12:36

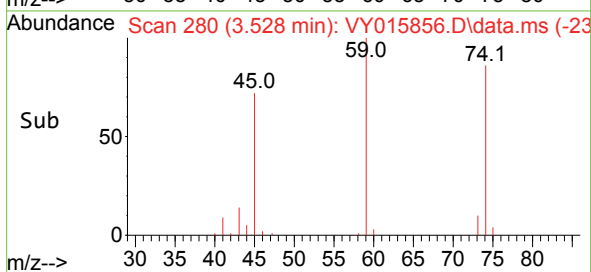
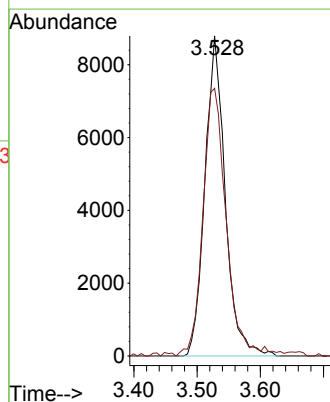
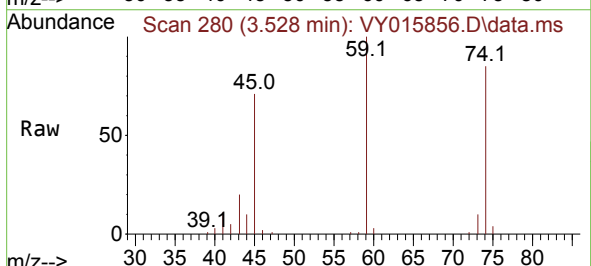
Instrument :
 MSVOA_Y
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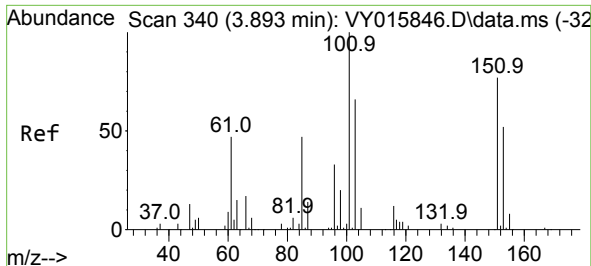
Tgt Ion:101 Resp: 44046
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.030 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY015856.D
 Acq: 06 Oct 2023 12:36

Tgt Ion: 74 Resp: 19601
 Ion Ratio Lower Upper
 74 100
 45 94.5 51.5 154.5

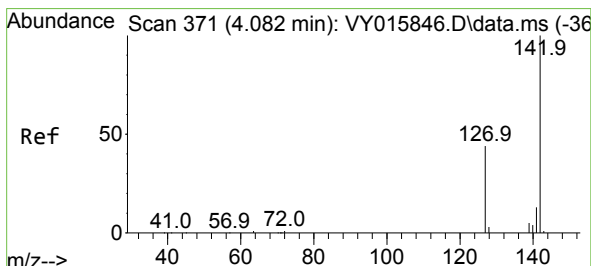
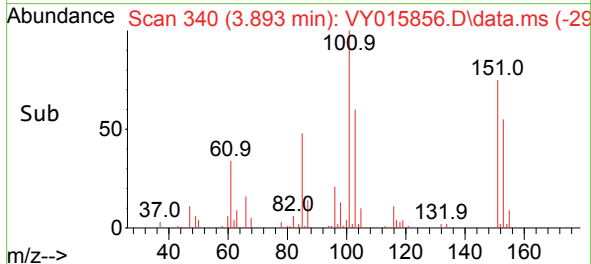
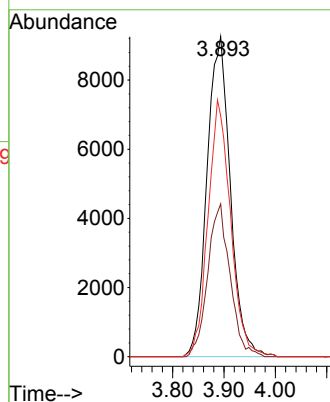
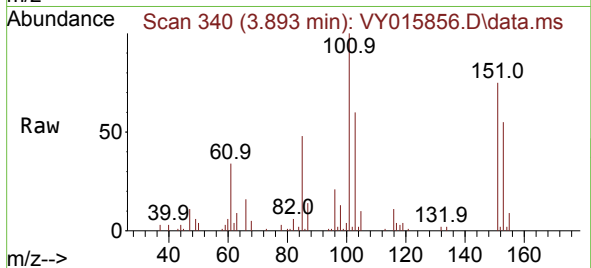




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.947 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

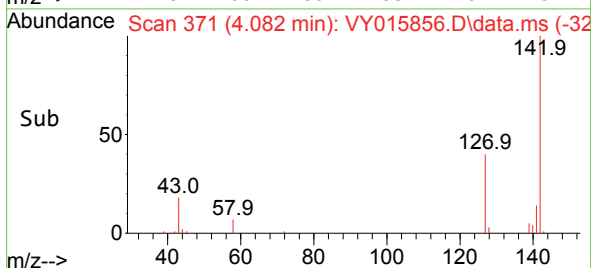
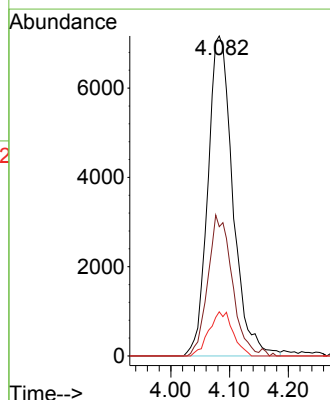
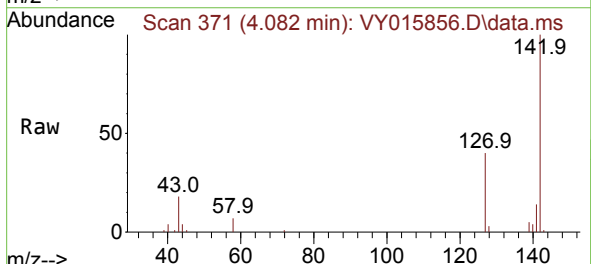
Instrument :
MSVOA_Y
ClientSampleId :

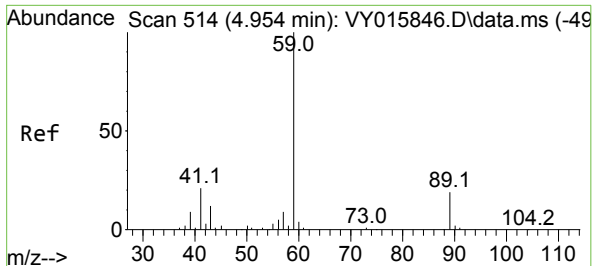
Tgt Ion:101 Resp: 29176
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 77.7 67.0 100.6



#10
Methyl Iodide
Concen: 17.225 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion:142 Resp: 21157
Ion Ratio Lower Upper
142 100
127 42.5 37.6 56.4
141 13.3 11.8 17.8

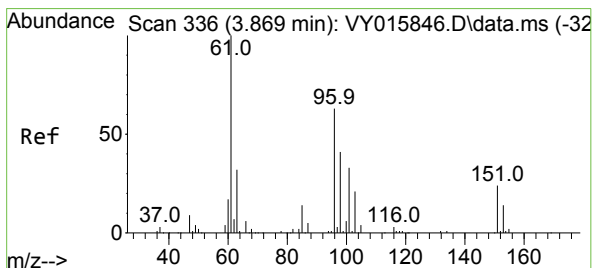
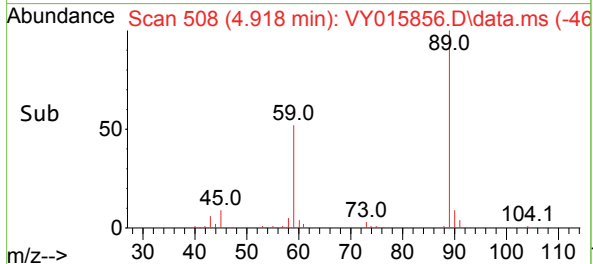
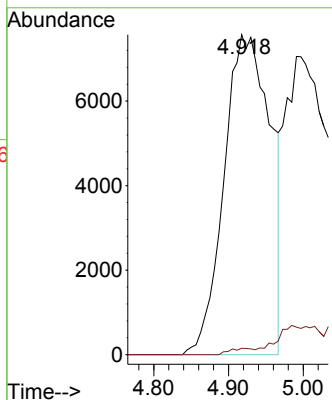
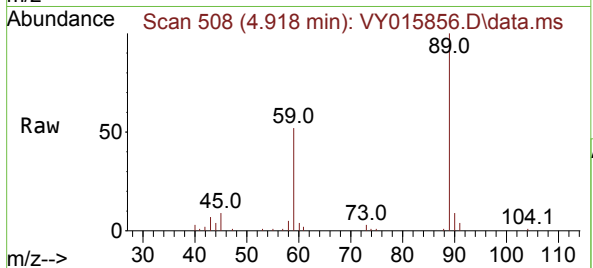




#11
Tert butyl alcohol
Concen: 66.575 ug/l
RT: 4.918 min Scan# 50
Delta R.T. -0.036 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

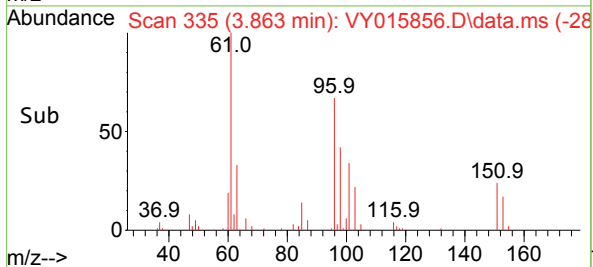
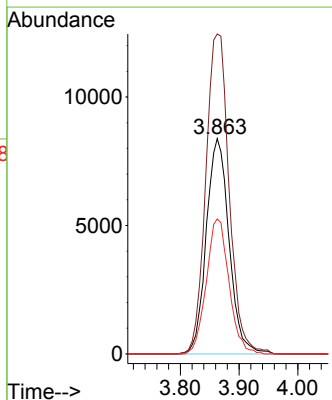
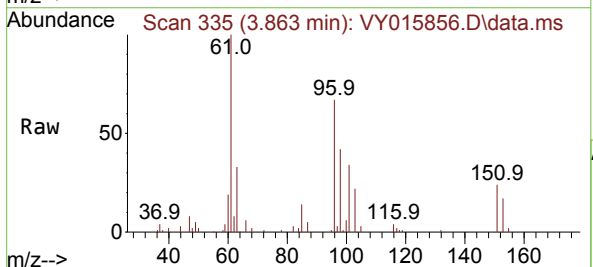
Instrument :
MSVOA_Y
ClientSampleId :

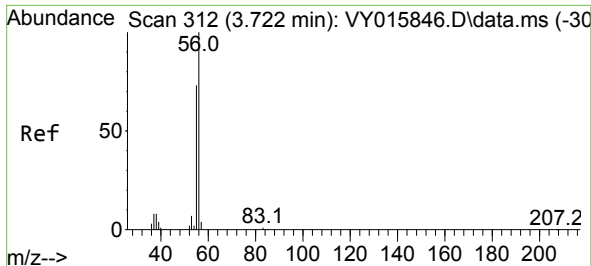
Tgt Ion: 59 Resp: 32574
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.343 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 96 Resp: 22589
Ion Ratio Lower Upper
96 100
61 148.6 136.4 204.6
98 62.7 49.4 74.2

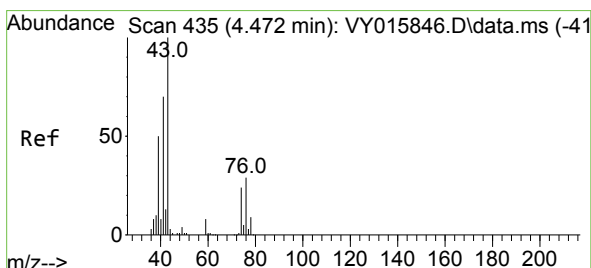
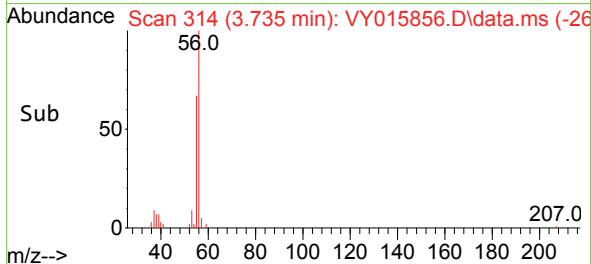
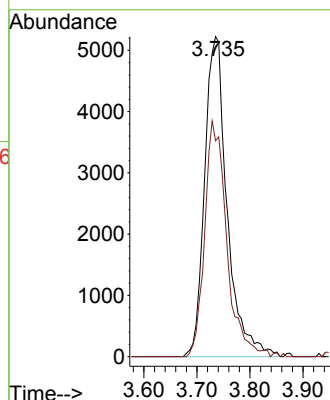
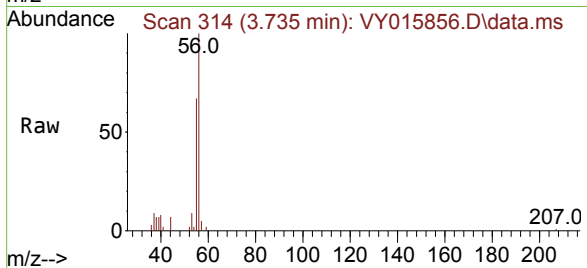




#13
Acrolein
Concen: 107.389 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

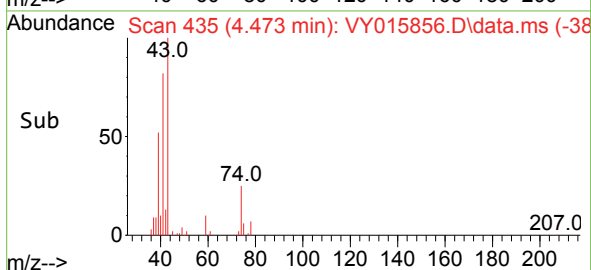
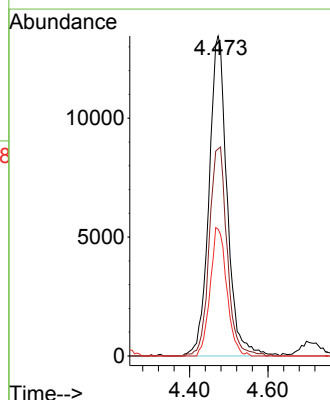
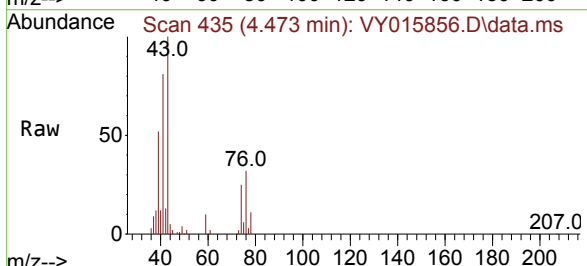
Instrument :
MSVOA_Y
ClientSampleId :

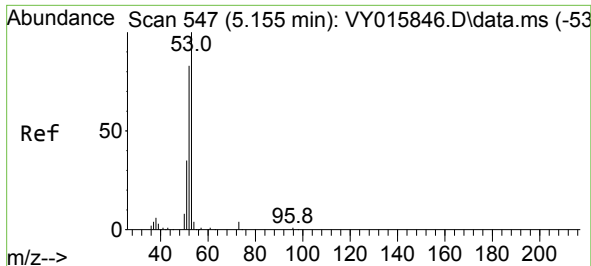
Tgt Ion: 56 Resp: 15419
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.4



#14
Allyl chloride
Concen: 18.616 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

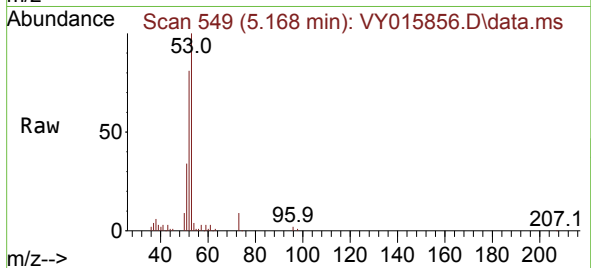
Tgt Ion: 41 Resp: 43221
Ion Ratio Lower Upper
41 100
39 64.2 58.0 87.0
76 36.6 27.4 41.2



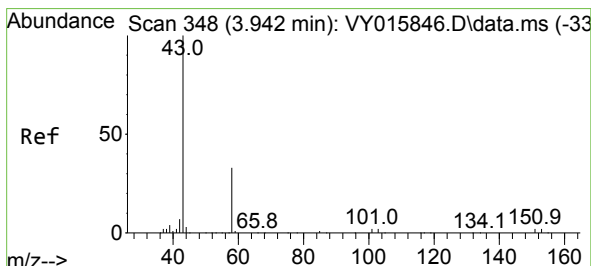
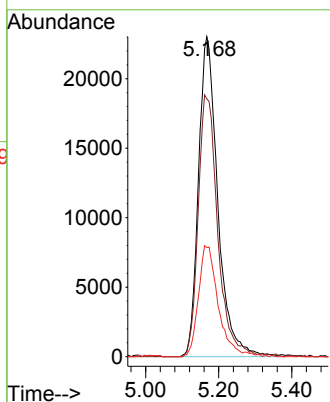
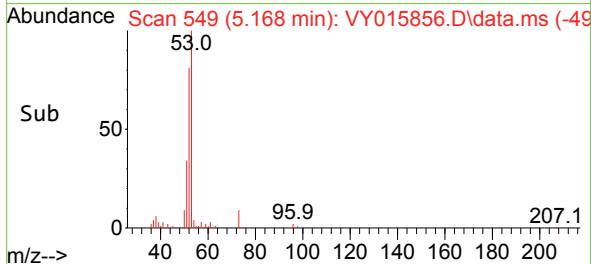


#15
Acrylonitrile
Concen: 105.240 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

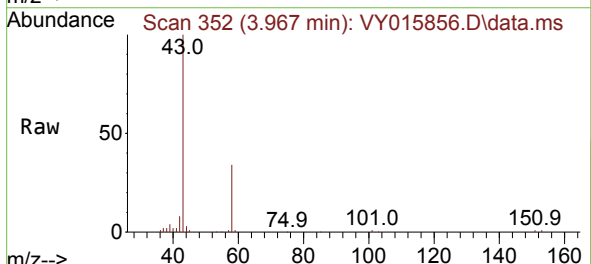
Instrument :
MSVOA_Y
ClientSampleId :



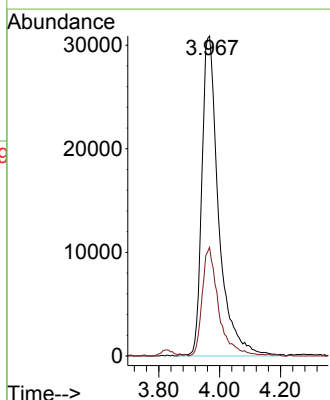
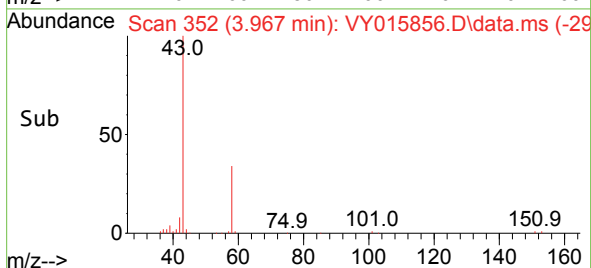
Tgt Ion: 53 Resp: 84555
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 35.6 29.8 44.6

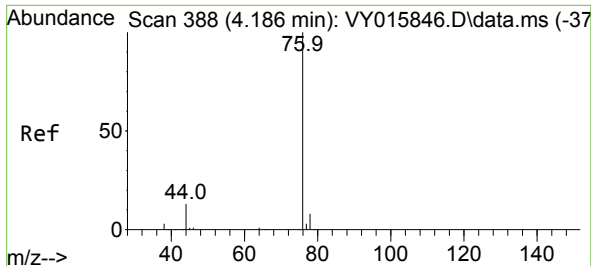


#16
Acetone
Concen: 122.515 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36



Tgt Ion: 43 Resp: 118130
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1

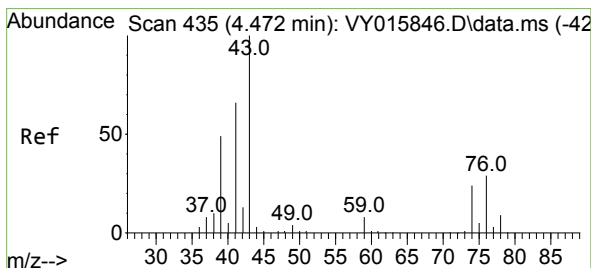
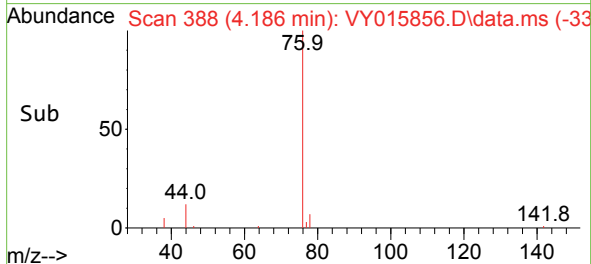
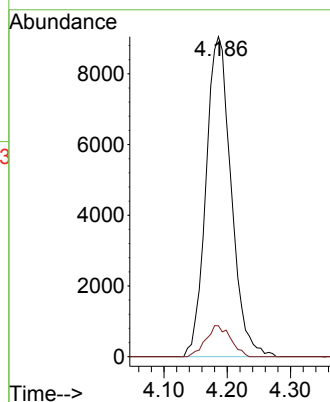
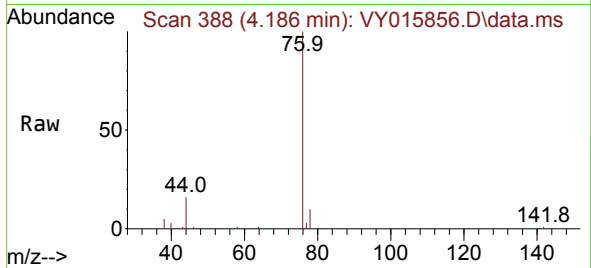




#17
Carbon Disulfide
Concen: 15.290 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

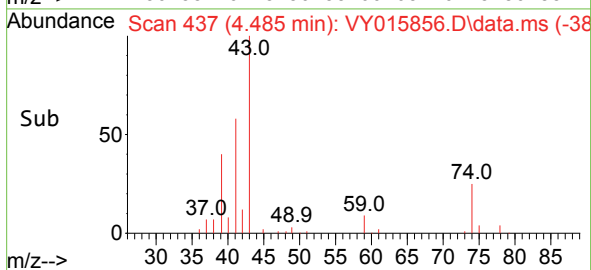
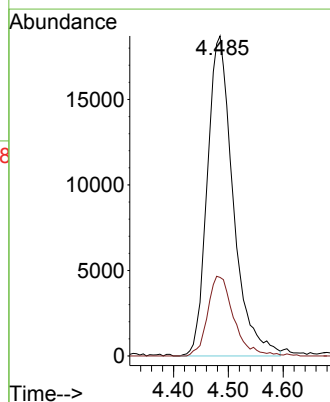
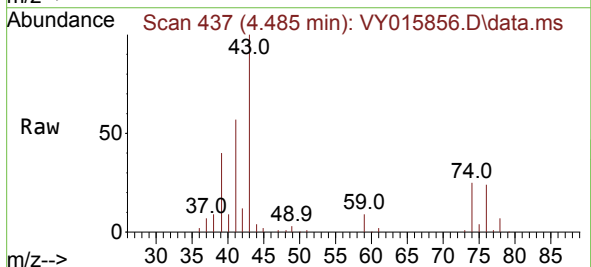
Instrument :
MSVOA_Y
ClientSampleId :

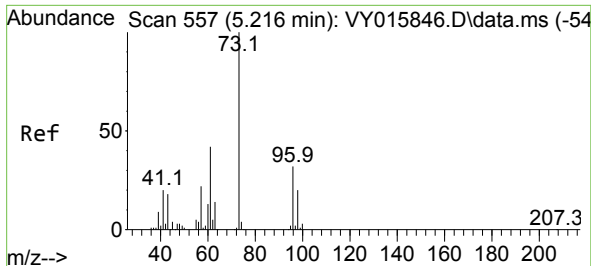
Tgt Ion: 76 Resp: 25022
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 19.495 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 43 Resp: 61176
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

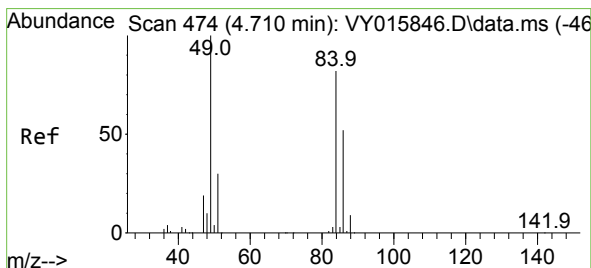
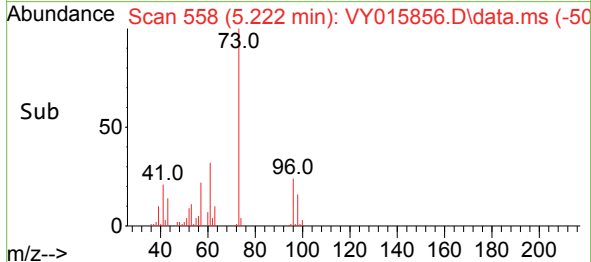
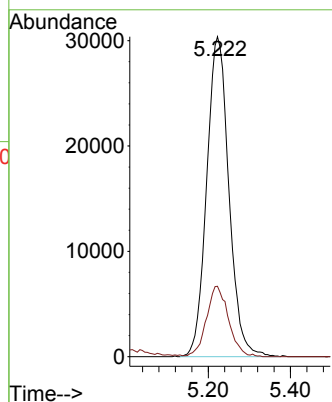
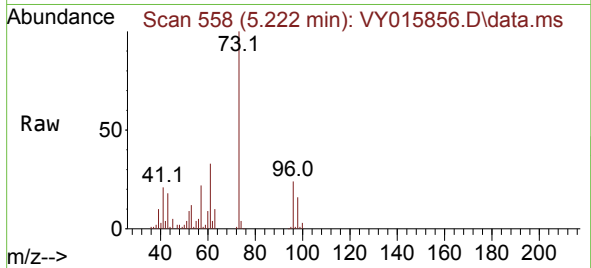




#19
Methyl tert-butyl Ether
Concen: 19.537 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

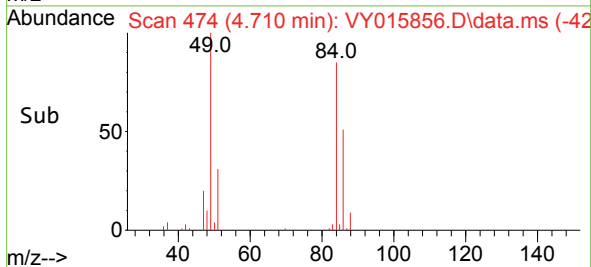
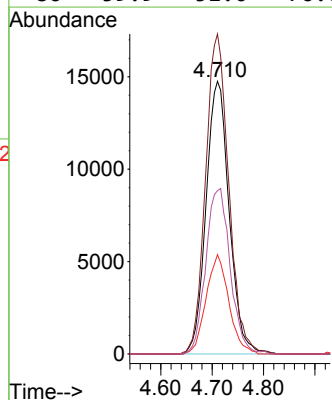
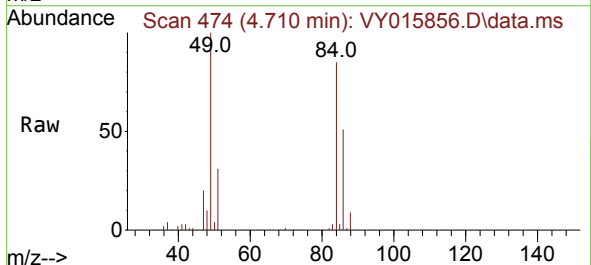
Instrument :
MSVOA_Y
ClientSampleId :

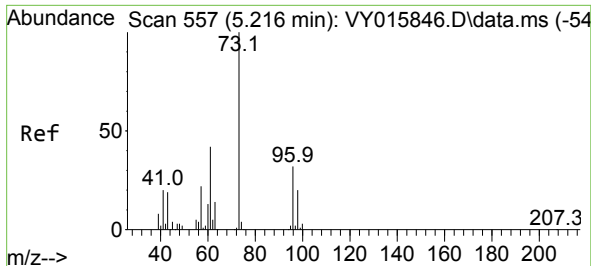
Tgt Ion: 73 Resp: 113716
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 18.075 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

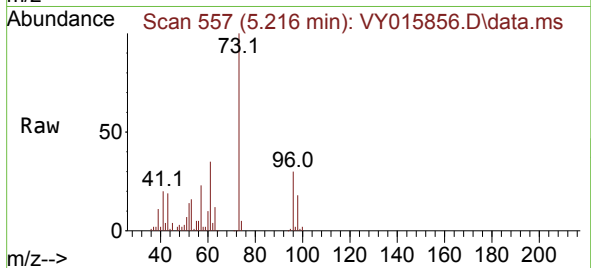
Tgt Ion: 84 Resp: 46121
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 36.5 33.2 49.8
86 59.9 51.0 76.6



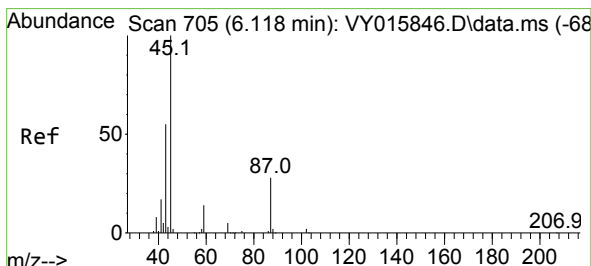
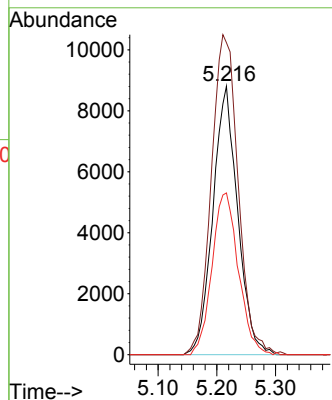
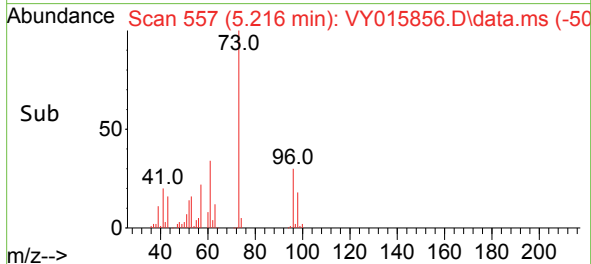


#21
trans-1,2-Dichloroethene
Concen: 18.212 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

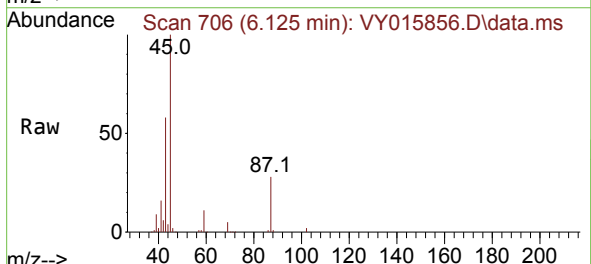
Instrument :
MSVOA_Y
ClientSampleId :



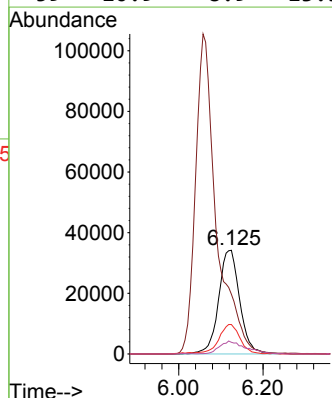
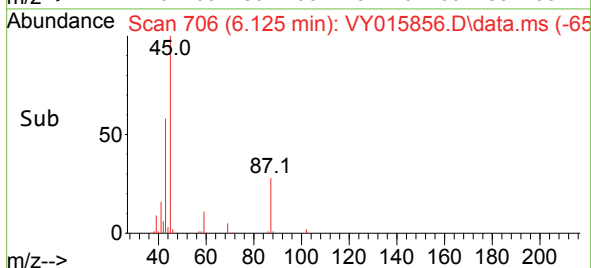
Tgt Ion: 96 Resp: 25834
Ion Ratio Lower Upper
96 100
61 116.2 110.2 165.4
98 60.2 51.8 77.6

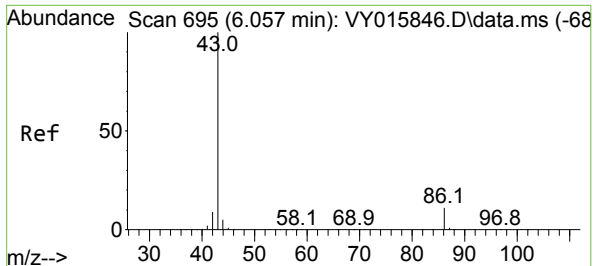


#22
Diisopropyl ether
Concen: 19.598 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36



Tgt Ion: 45 Resp: 118150
Ion Ratio Lower Upper
45 100
43 56.8 52.2 78.4
87 28.4 21.0 31.6
59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 99.676 ug/l

RT: 6.058 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

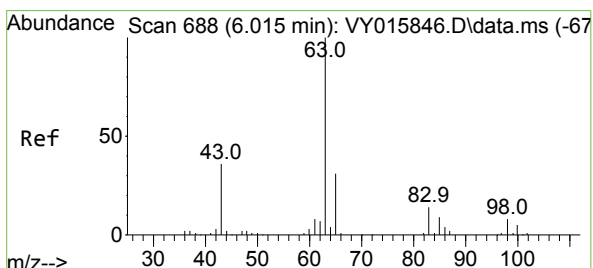
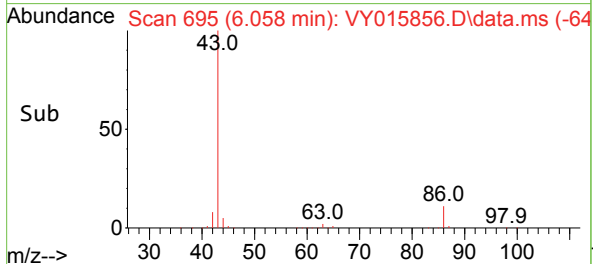
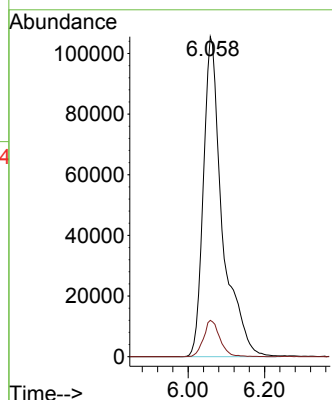
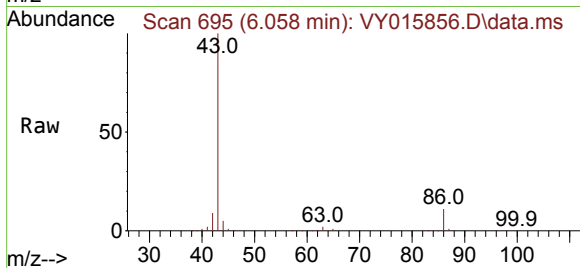
ClientSampleId :

Tgt Ion: 43 Resp: 363714

Ion Ratio Lower Upper

43 100

86 11.3 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 19.172 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

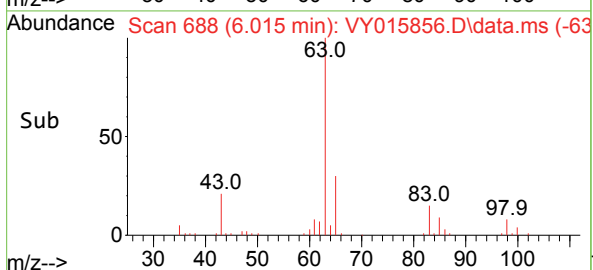
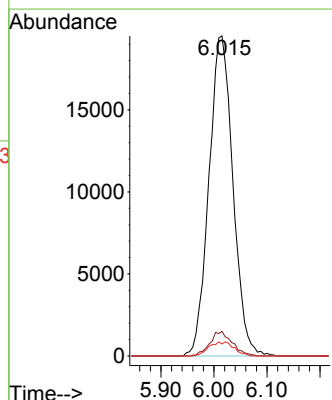
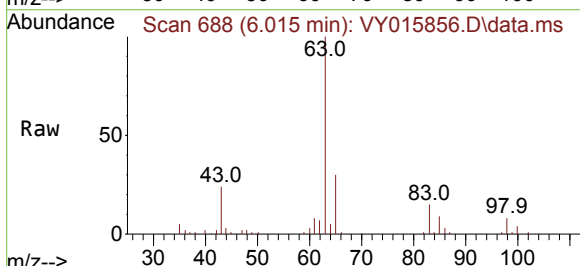
Tgt Ion: 63 Resp: 61377

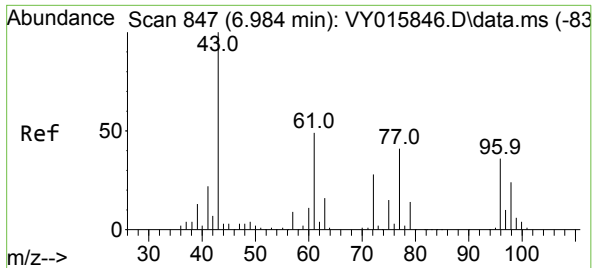
Ion Ratio Lower Upper

63 100

98 7.7 3.1 9.4

100 3.7 1.8 5.5

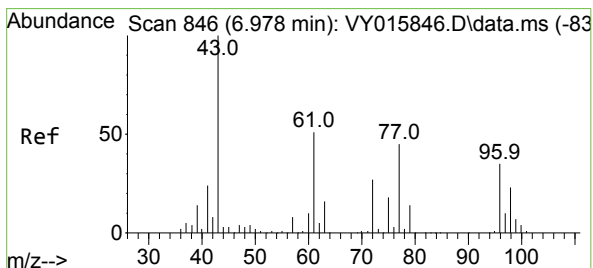
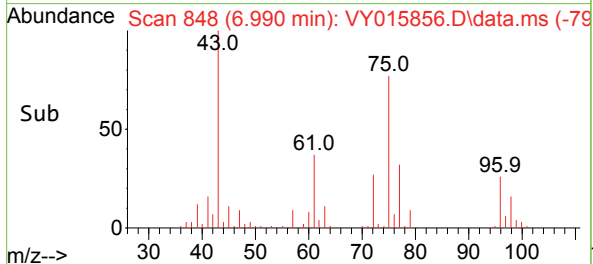
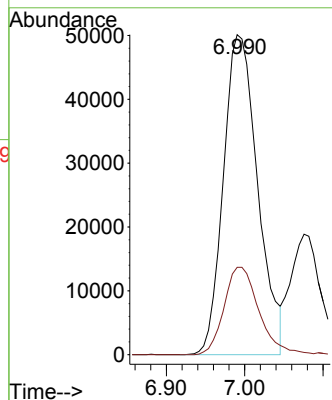
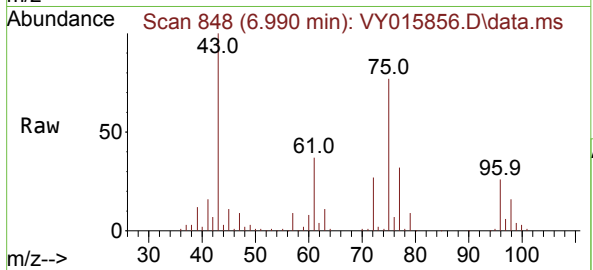




#25
2-Butanone
Concen: 115.009 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

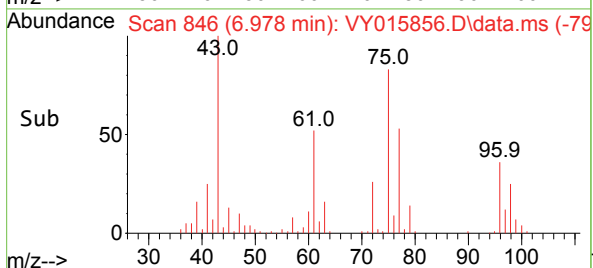
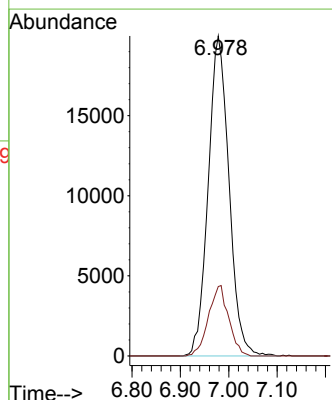
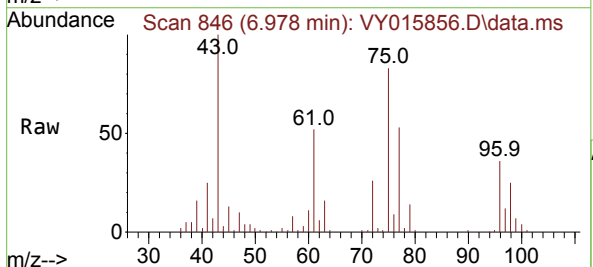
Instrument :
MSVOA_Y
ClientSampleId :

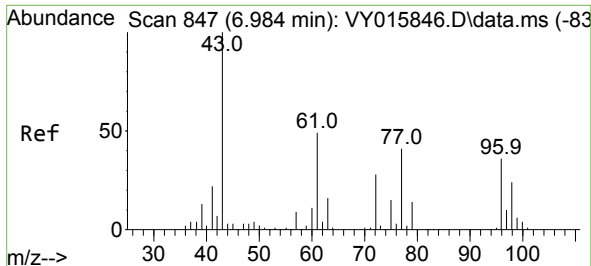
Tgt Ion: 43 Resp: 152537
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.057 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 77 Resp: 59669
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.756 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

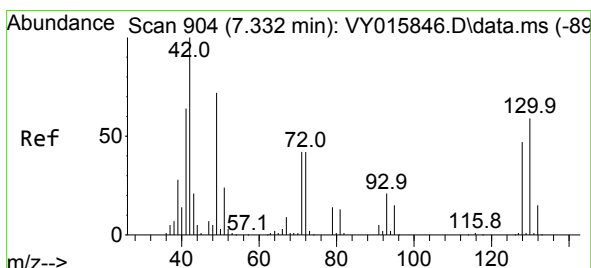
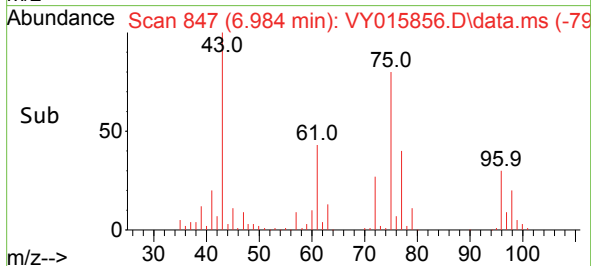
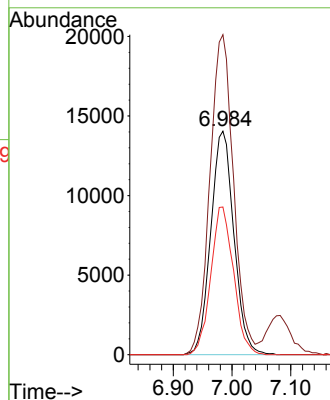
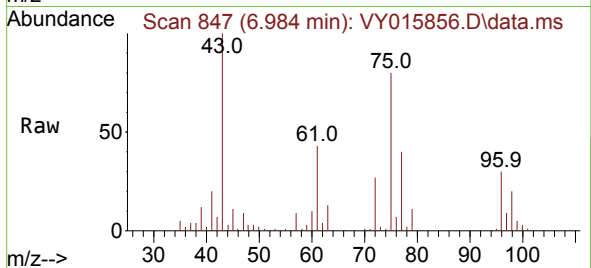
Tgt Ion: 96 Resp: 38461

Ion Ratio Lower Upper

96 100

61 145.6 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.292 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

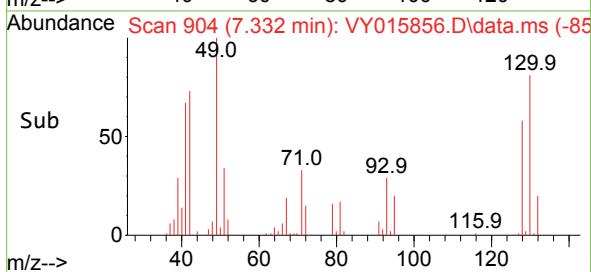
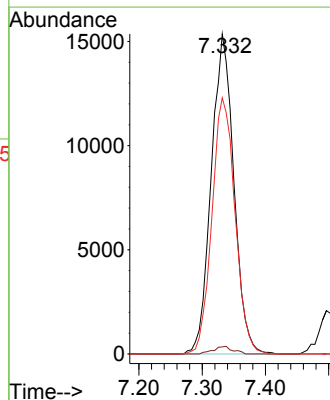
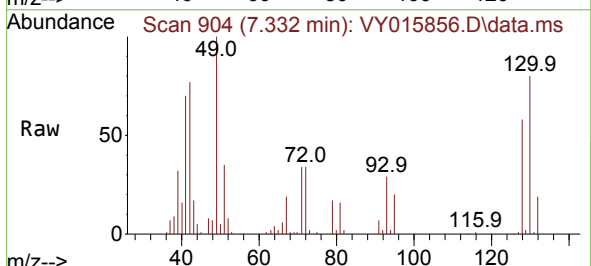
Tgt Ion: 49 Resp: 37990

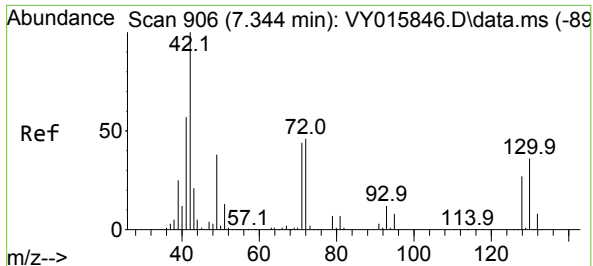
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 106.972 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015856.D

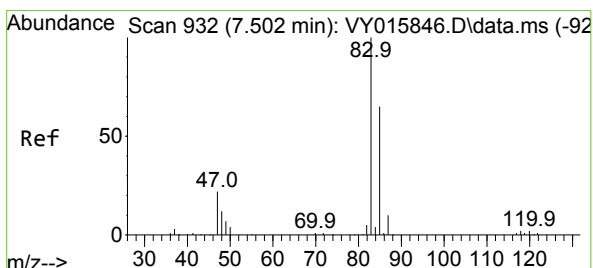
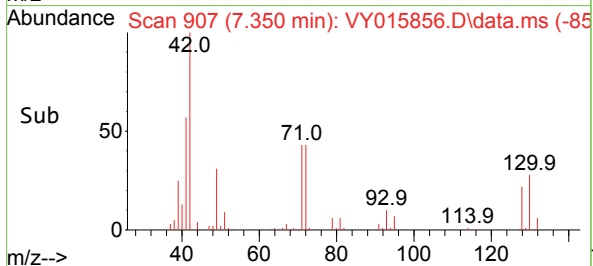
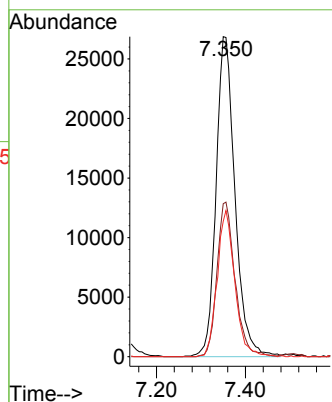
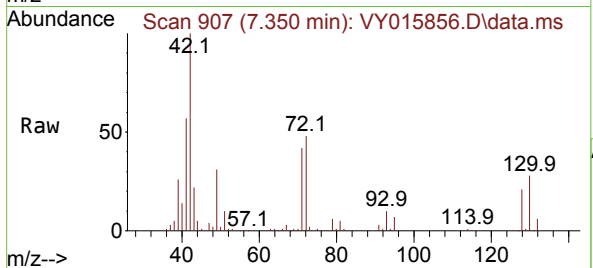
Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	79166
Ion	Ratio	Lower	Upper
42	100		
72	46.1	32.8	49.2
71	42.7	31.0	46.4



#30

Chloroform

Concen: 19.459 ug/l

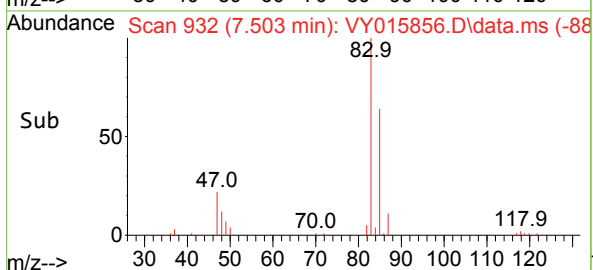
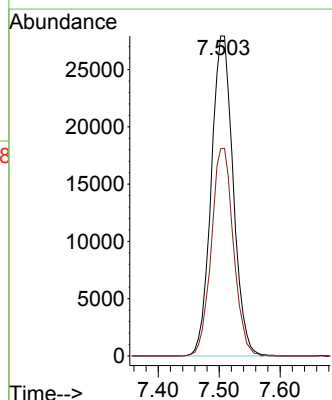
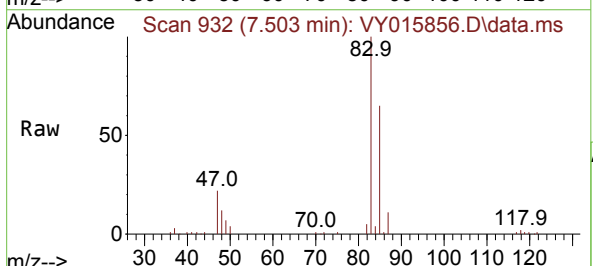
RT: 7.503 min Scan# 932

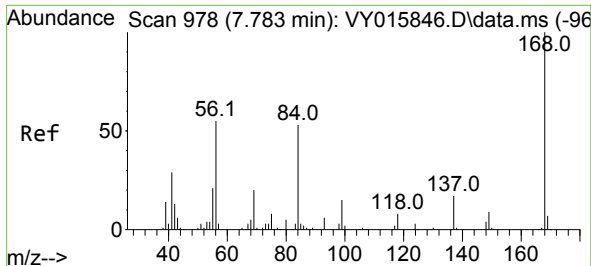
Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Tgt Ion:	83	Resp:	69689
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.7	74.5

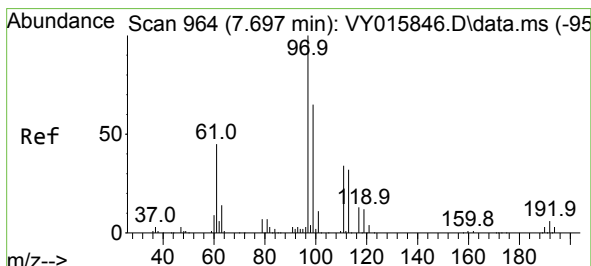
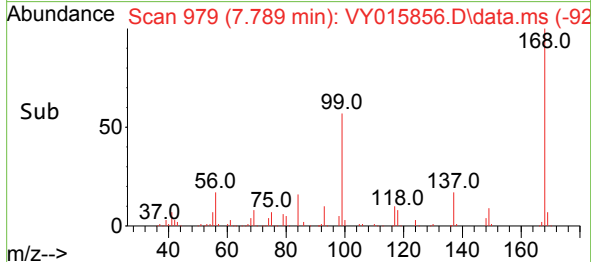
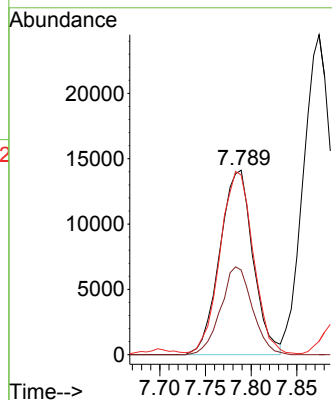
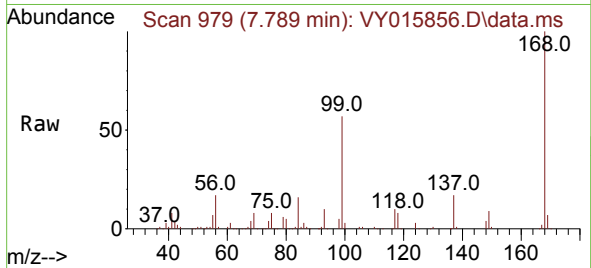




#31
Cyclohexane
Concen: 17.058 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

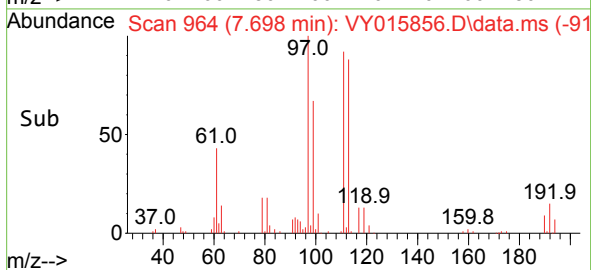
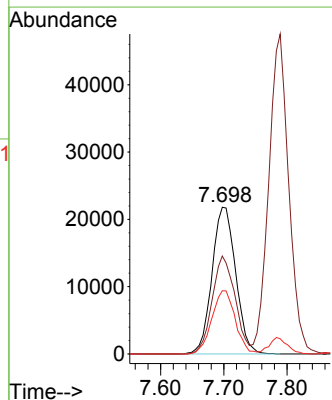
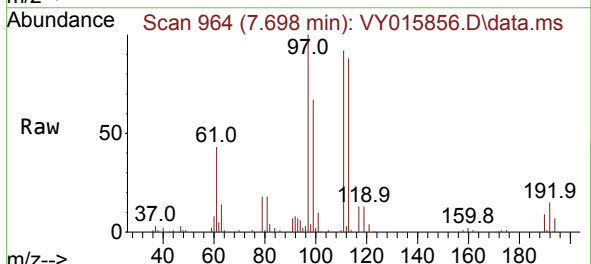
Instrument :
MSVOA_Y
ClientSampleId :

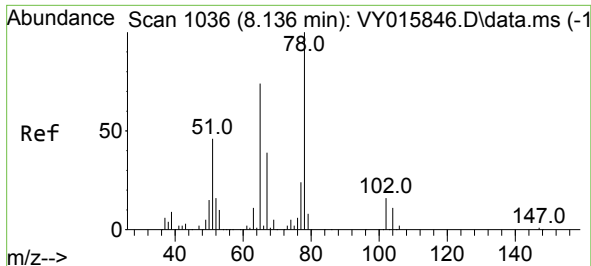
Tgt Ion: 56 Resp: 35783
Ion Ratio Lower Upper
56 100
69 45.9 27.8 41.6#
84 96.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.319 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 97 Resp: 56561
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.238 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

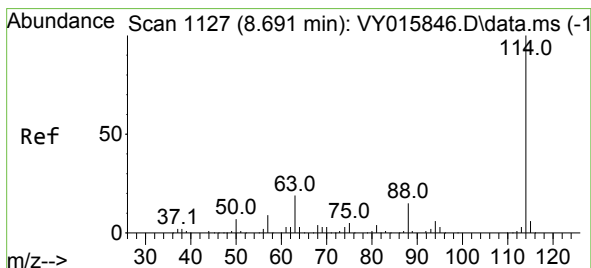
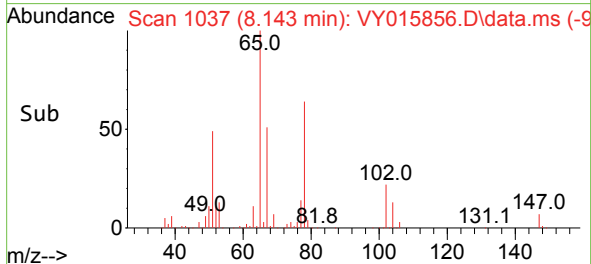
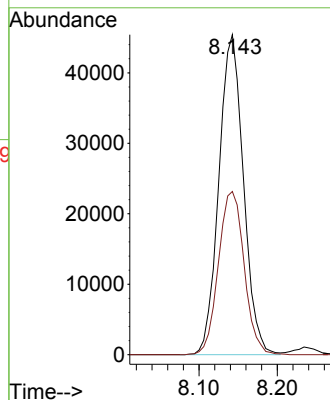
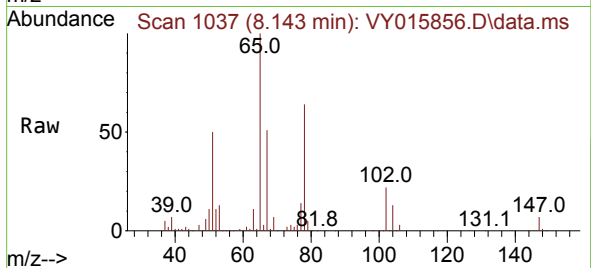
ClientSampleId :

Tgt Ion: 65 Resp: 99081

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

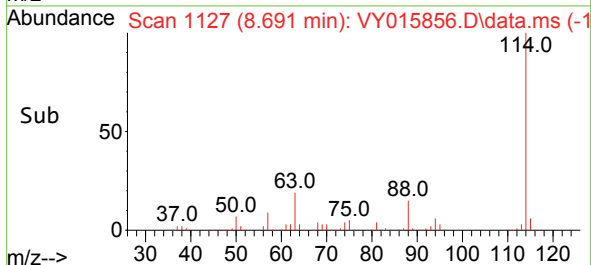
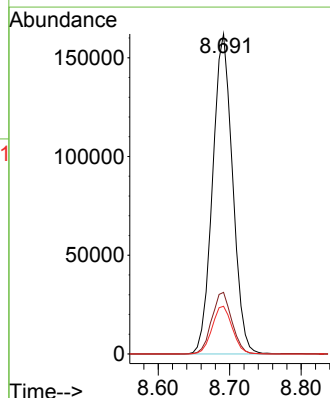
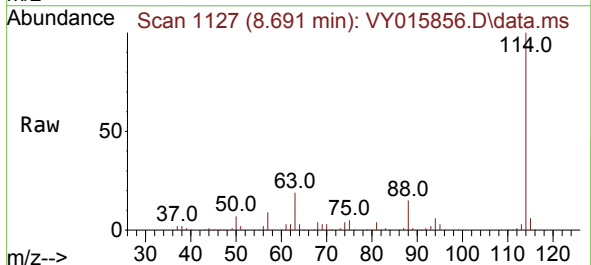
Tgt Ion:114 Resp: 314549

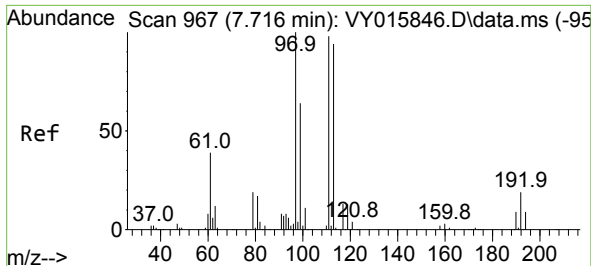
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

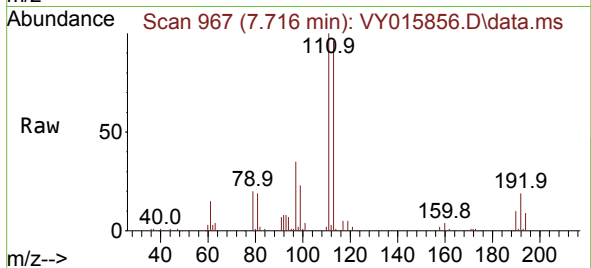
88 14.9 0.0 30.6



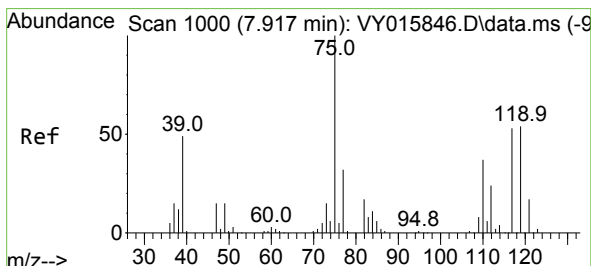
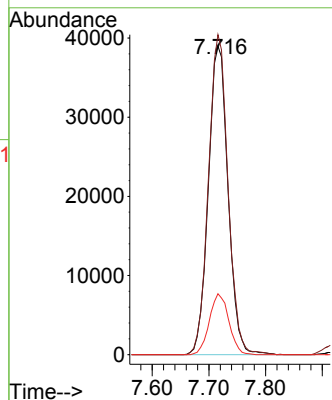
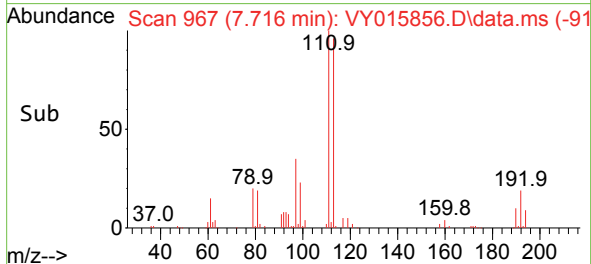


#35
Dibromofluoromethane
Concen: 52.428 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

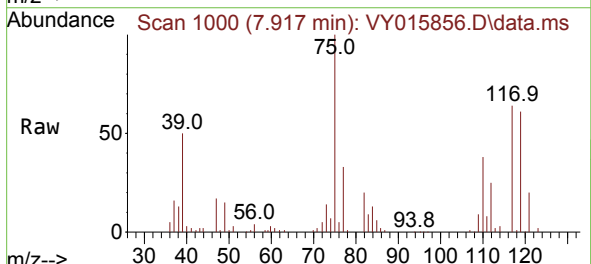
Instrument :
MSVOA_Y
ClientSampleId :



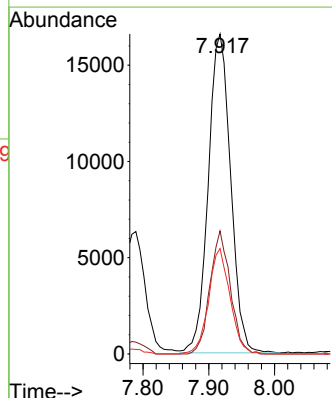
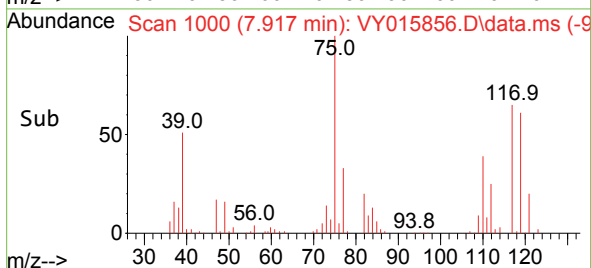
Tgt Ion:113 Resp: 94000
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.6 16.9 25.3

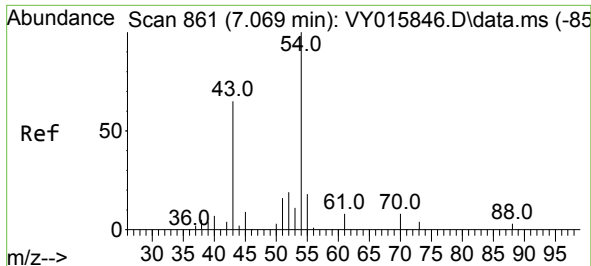


#36
1,1-Dichloropropene
Concen: 18.331 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36



Tgt Ion: 75 Resp: 39211
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 21.833 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY015856.D

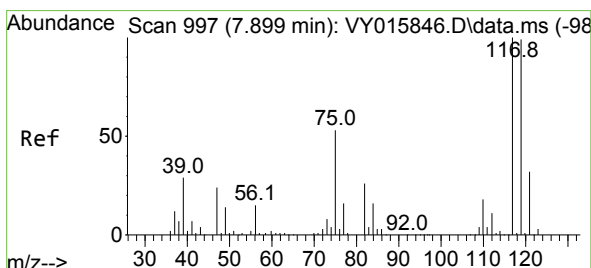
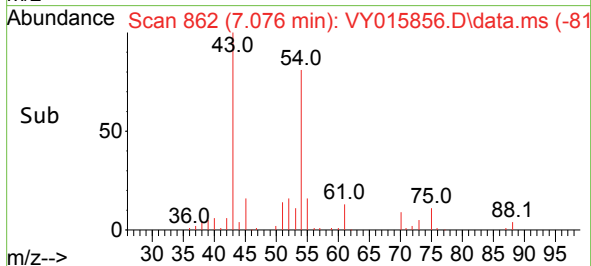
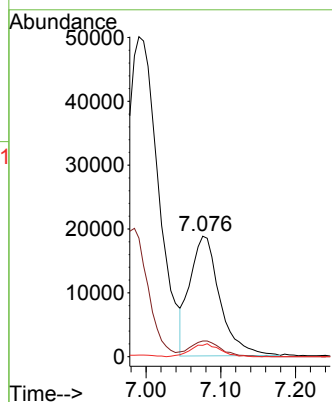
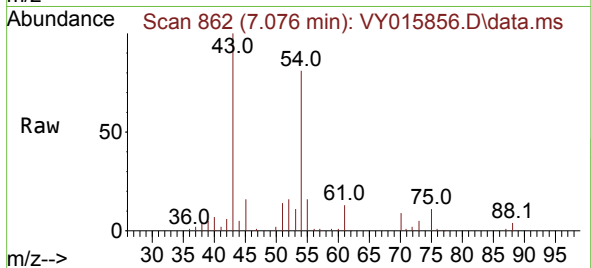
Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	52261
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.1	15.1
70	10.3	7.1	10.7



#38

Carbon Tetrachloride

Concen: 18.755 ug/l

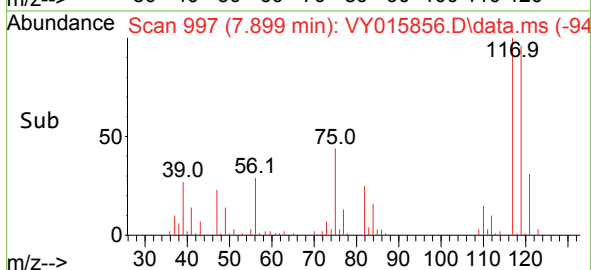
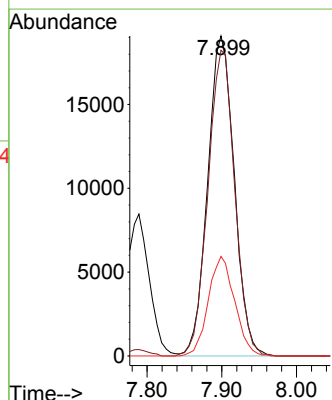
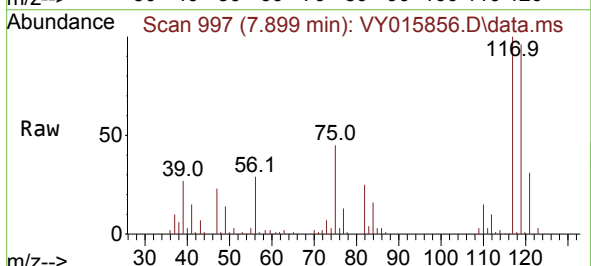
RT: 7.899 min Scan# 997

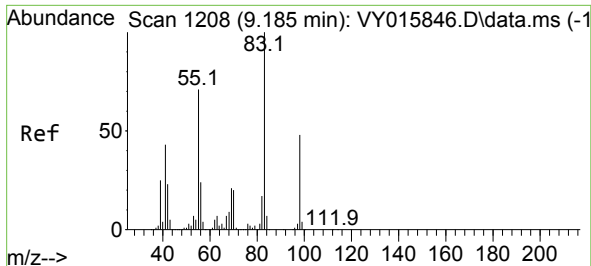
Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Tgt Ion:	117	Resp:	47172
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.4	114.6
121	31.1	25.8	38.6





#39

Methylcyclohexane

Concen: 17.070 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

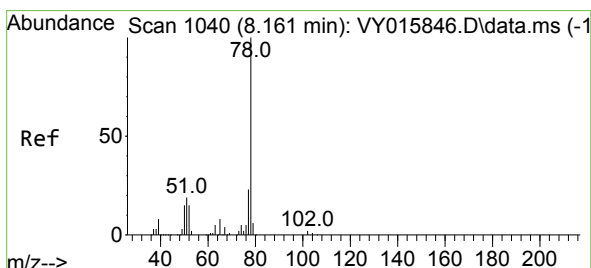
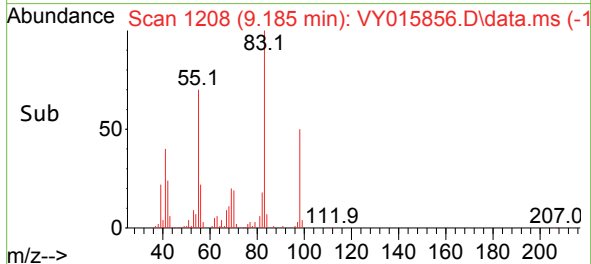
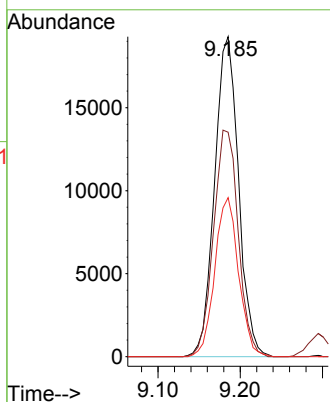
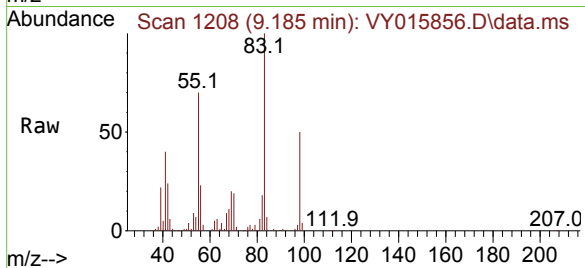
Tgt Ion: 83 Resp: 39049

Ion Ratio Lower Upper

83 100

55 70.2 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 18.882 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015856.D

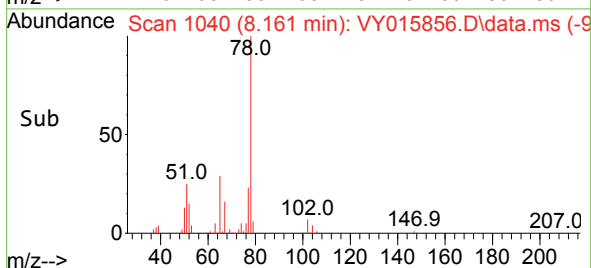
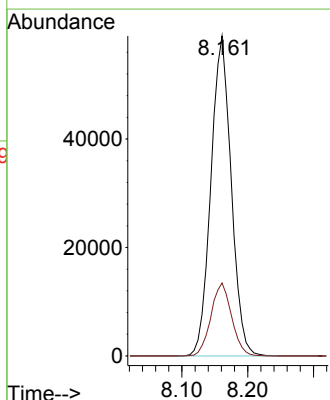
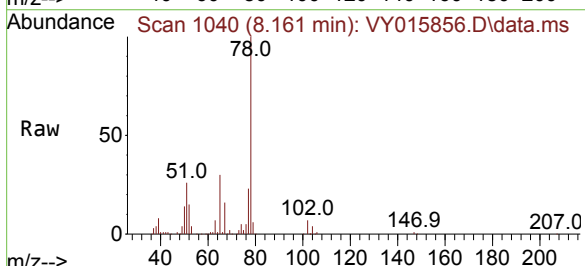
Acq: 06 Oct 2023 12:36

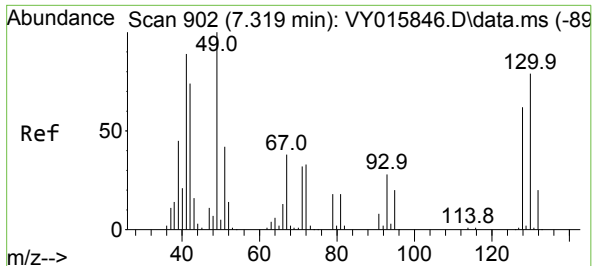
Tgt Ion: 78 Resp: 126737

Ion Ratio Lower Upper

78 100

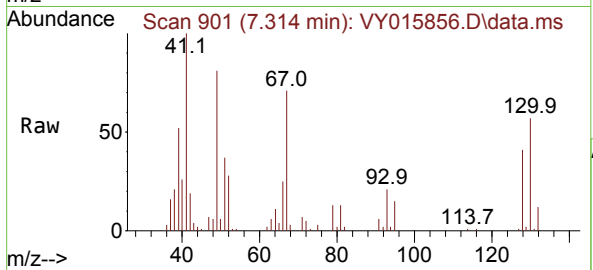
77 22.8 19.0 28.6



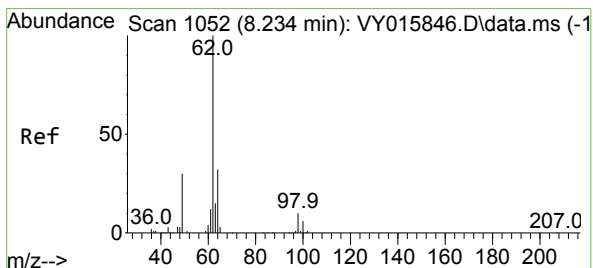
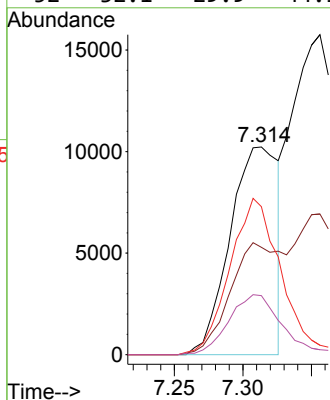
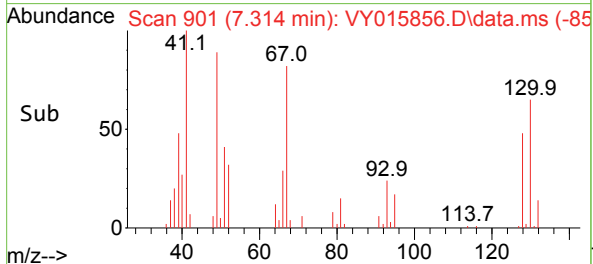


#41
Methacrylonitrile
Concen: 21.781 ug/l
RT: 7.314 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Instrument :
MSVOA_Y
ClientSampleId :

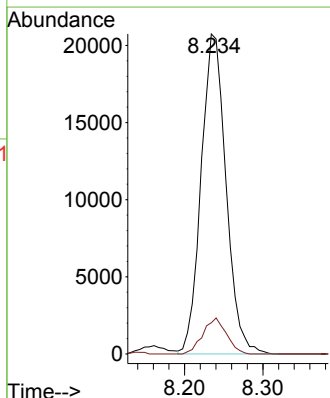
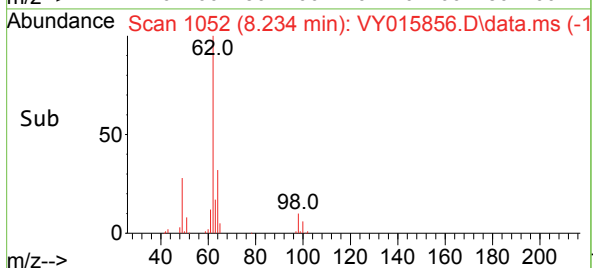
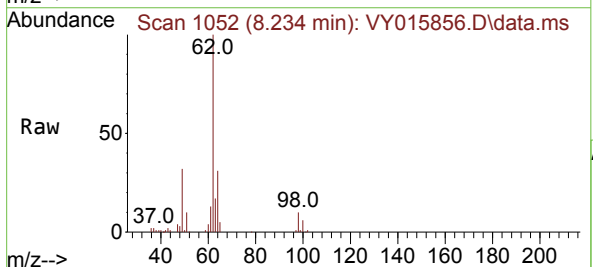


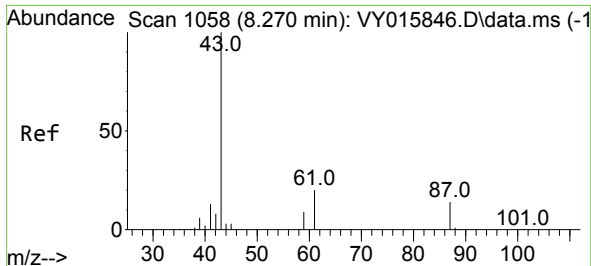
Tgt Ion:	41	Resp:	24960
Ion	Ratio	Lower	Upper
41	100		
39	60.0	52.1	78.1
67	80.8	66.2	99.2
52	32.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 18.968 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion:	62	Resp:	45841
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	15.8

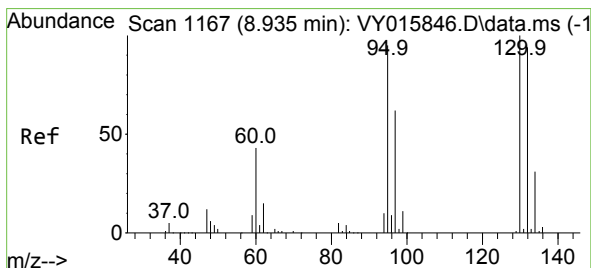
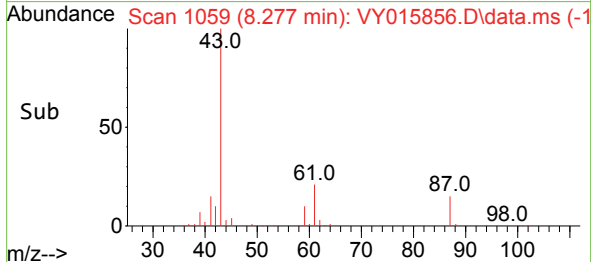
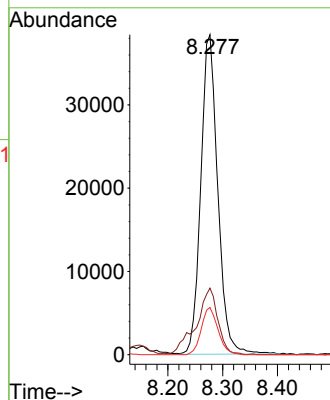
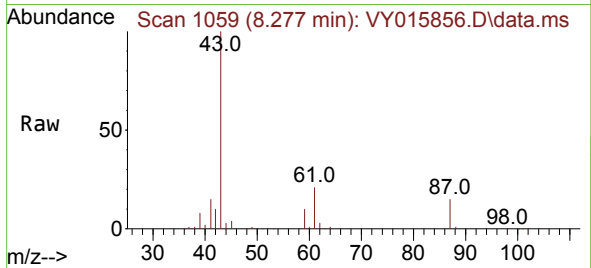




#43
Isopropyl Acetate
Concen: 20.032 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

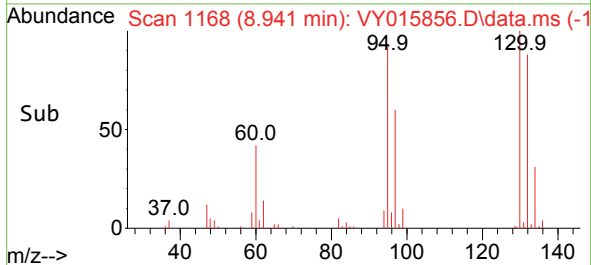
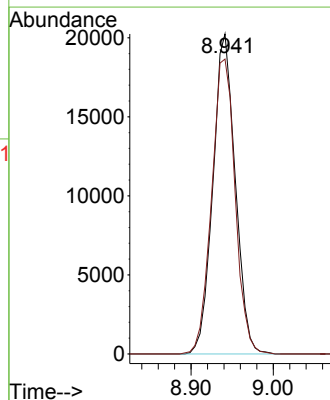
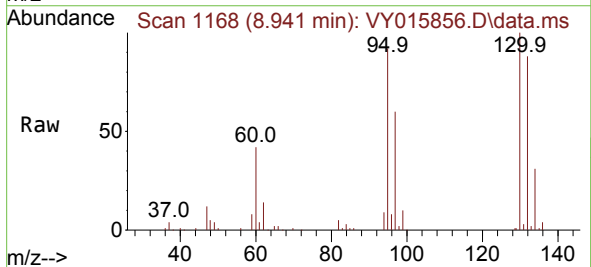
Instrument :
MSVOA_Y
ClientSampleId :

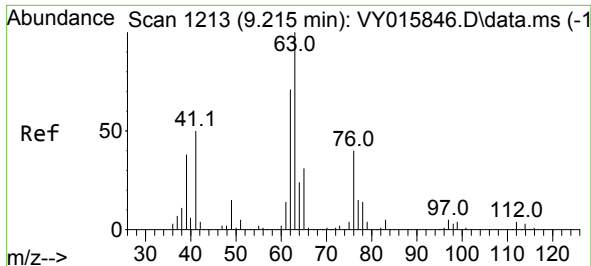
Tgt Ion: 43 Resp: 82533
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 19.455 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion:130 Resp: 38217
Ion Ratio Lower Upper
130 100
95 92.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.430 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

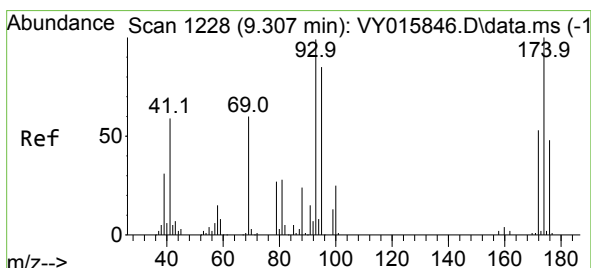
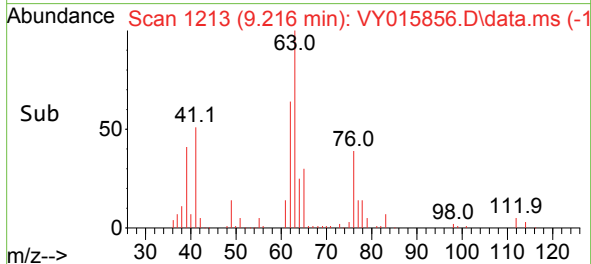
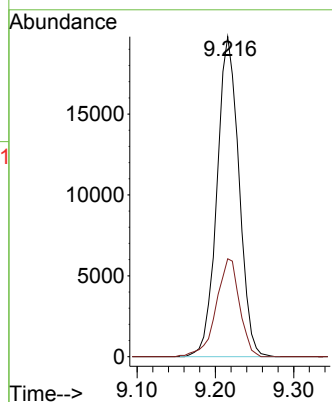
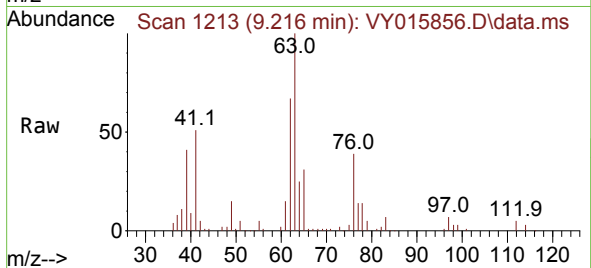
ClientSampleId :

Tgt Ion: 63 Resp: 38574

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 19.126 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

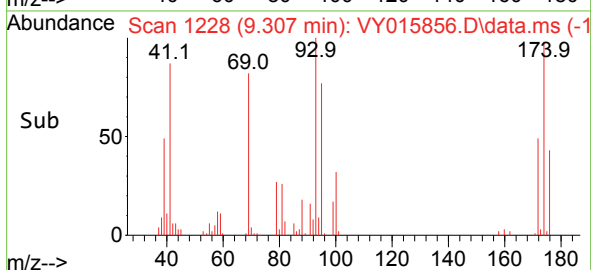
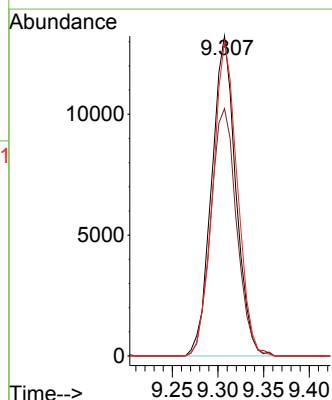
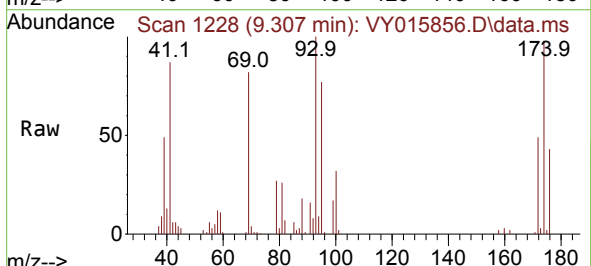
Tgt Ion: 93 Resp: 24276

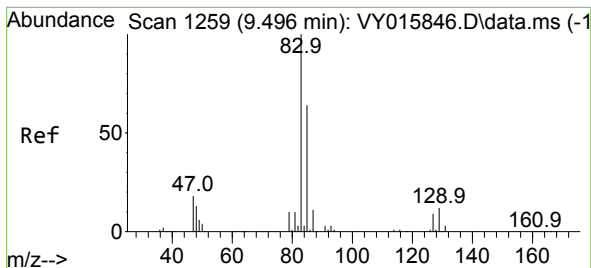
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 99.3 84.8 127.2





#47

Bromodichloromethane

Concen: 19.500 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

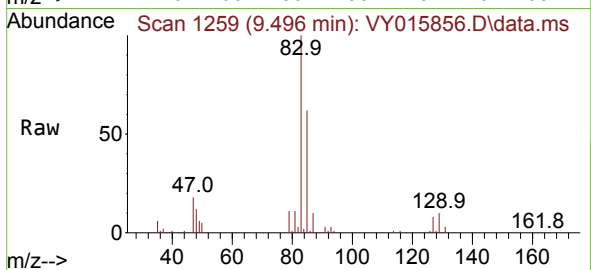
Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :



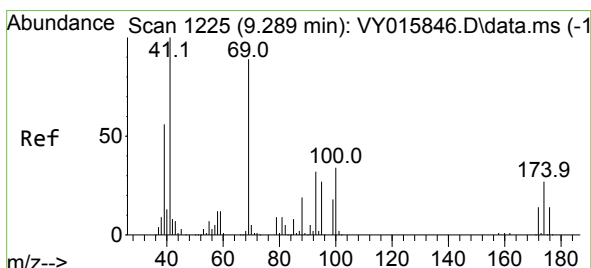
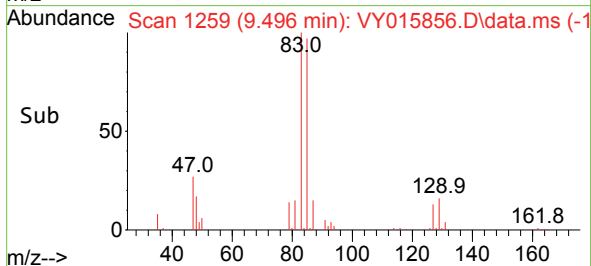
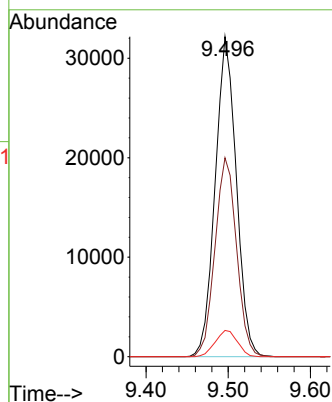
Tgt Ion: 83 Resp: 57450

Ion Ratio Lower Upper

83 100

85 62.1 50.1 75.1

127 8.2 7.1 10.7



#48

Methyl methacrylate

Concen: 19.813 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

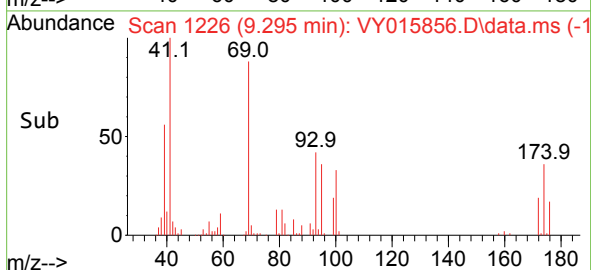
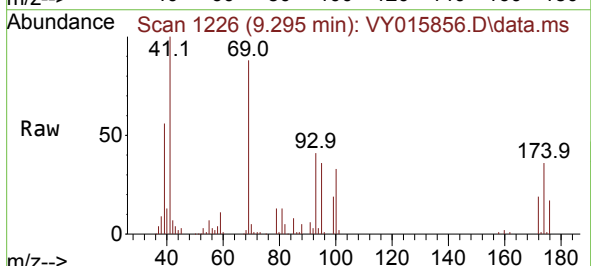
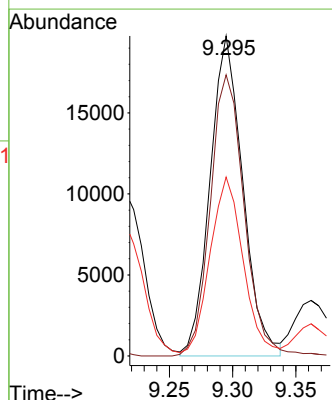
Tgt Ion: 41 Resp: 35652

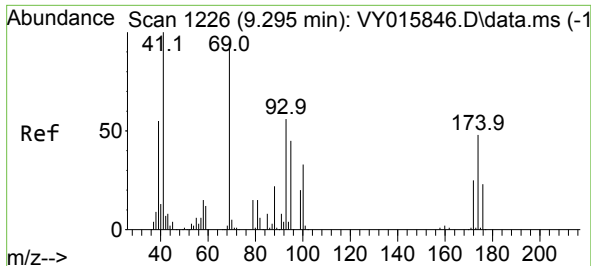
Ion Ratio Lower Upper

41 100

69 90.6 64.5 96.7

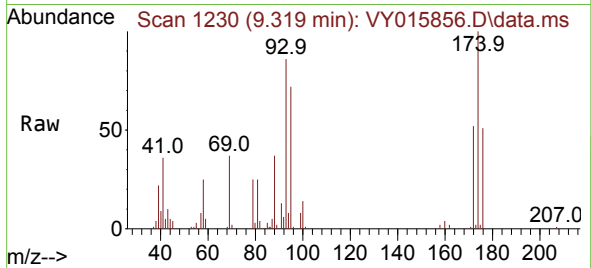
39 56.2 50.8 76.2



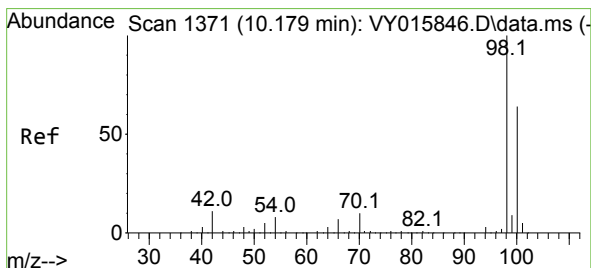
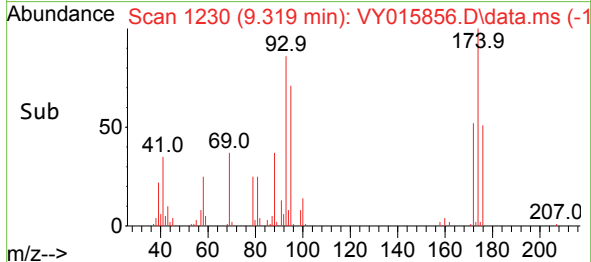
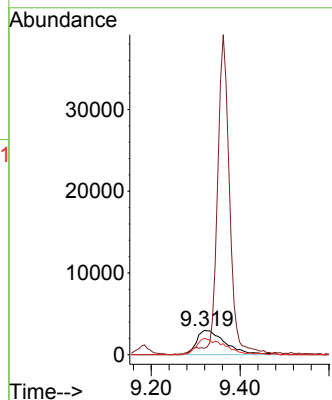


#49
1,4-Dioxane
Concen: 472.539 ug/l
RT: 9.319 min Scan# 1226
Delta R.T. 0.025 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Instrument :
MSVOA_Y
ClientSampleId :

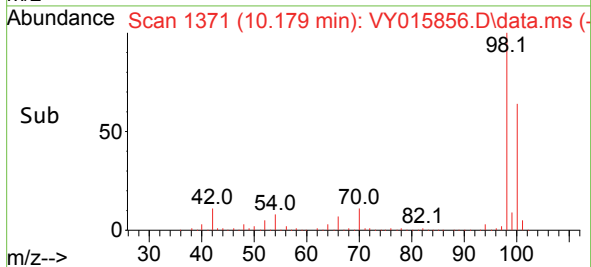
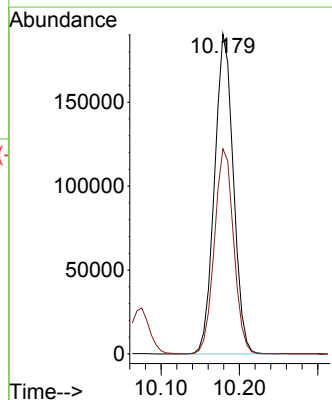
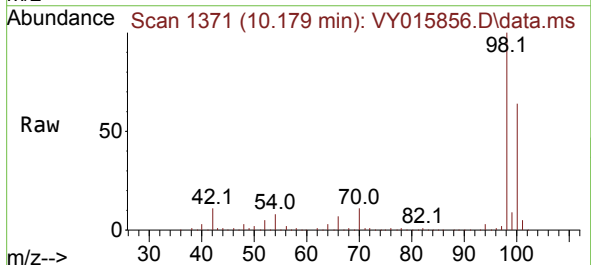


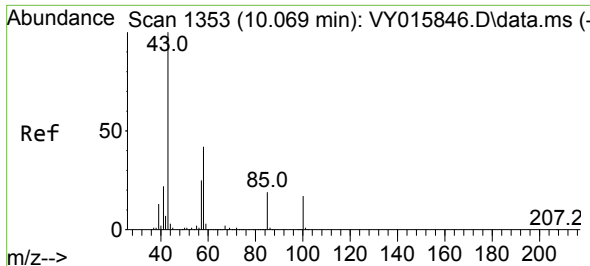
Tgt Ion: 88 Resp: 13435
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.6 30.9 46.3#



#50
Toluene-d8
Concen: 54.823 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 98 Resp: 319133
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

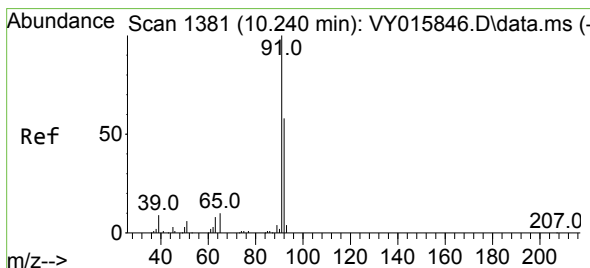
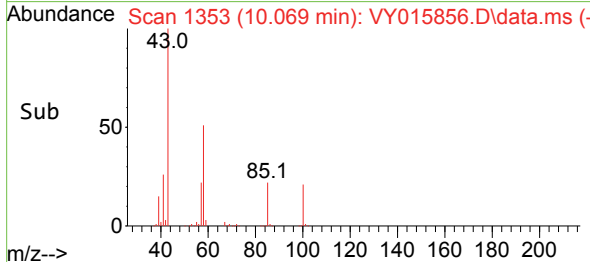
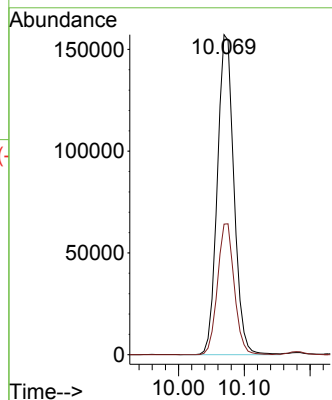
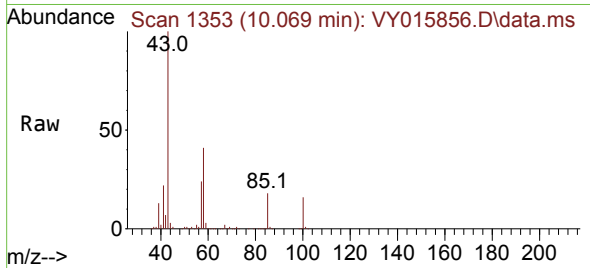




#51
4-Methyl-2-Pentanone
Concen: 107.201 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

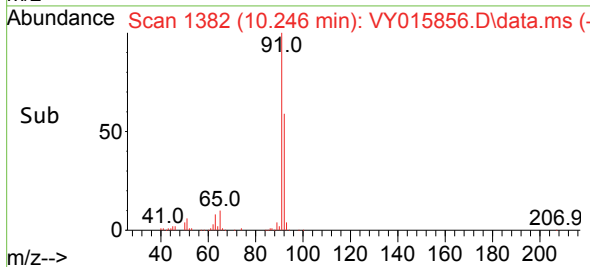
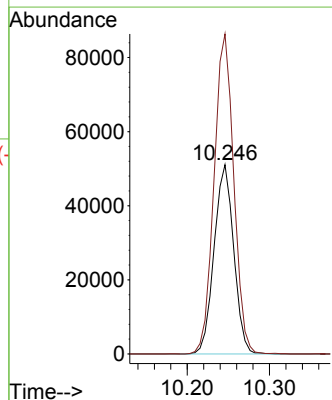
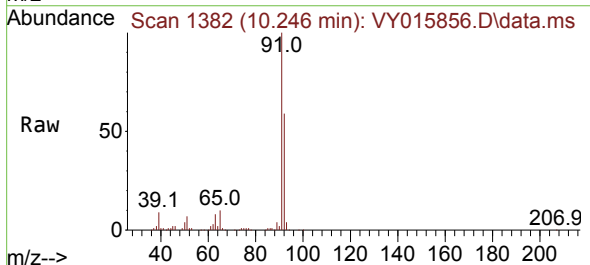
Instrument :
MSVOA_Y
ClientSampleId :

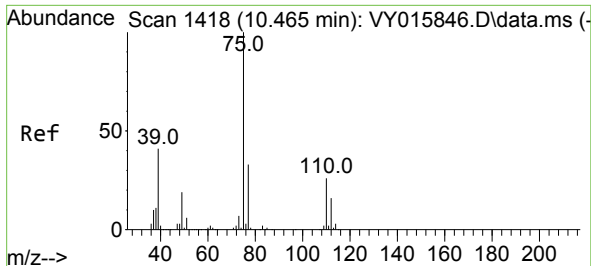
Tgt Ion: 43 Resp: 276302
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6



#52
Toluene
Concen: 19.235 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 92 Resp: 84472
Ion Ratio Lower Upper
92 100
91 170.2 143.8 215.6

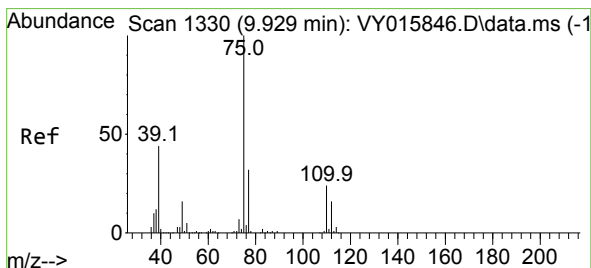
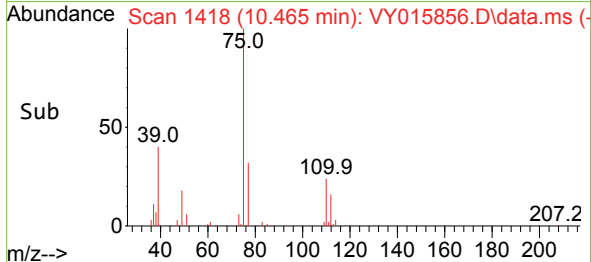
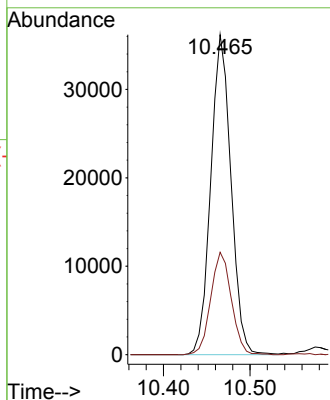
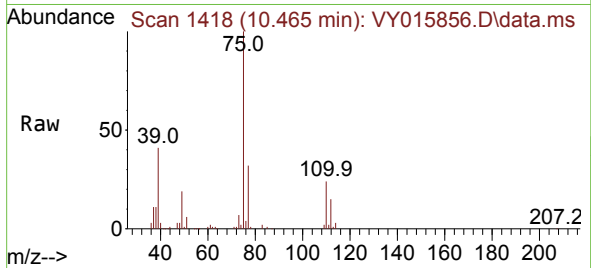




#53
 t-1,3-Dichloropropene
 Concen: 19.007 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015856.D
 Acq: 06 Oct 2023 12:36

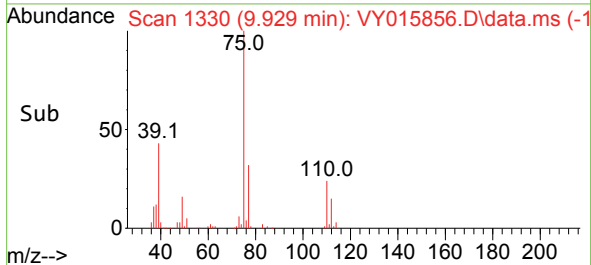
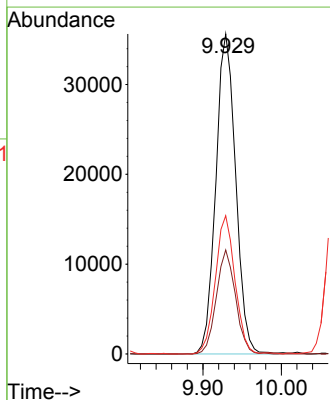
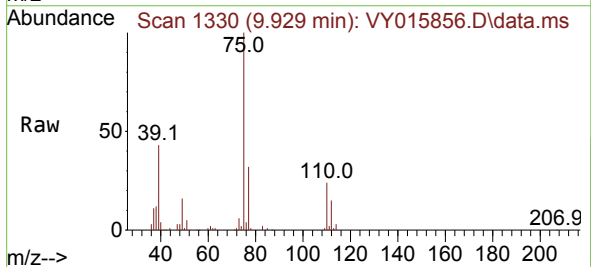
Instrument :
 MSVOA_Y
 ClientSampleId :

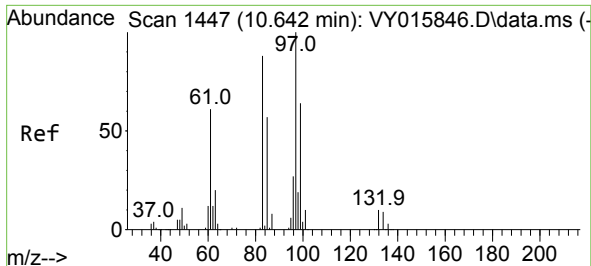
Tgt Ion: 75 Resp: 58756
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.139 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY015856.D
 Acq: 06 Oct 2023 12:36

Tgt Ion: 75 Resp: 62808
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 43.2 42.2 63.4

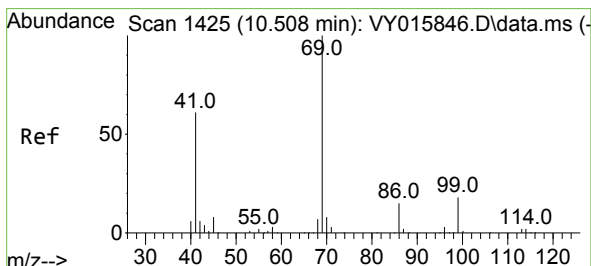
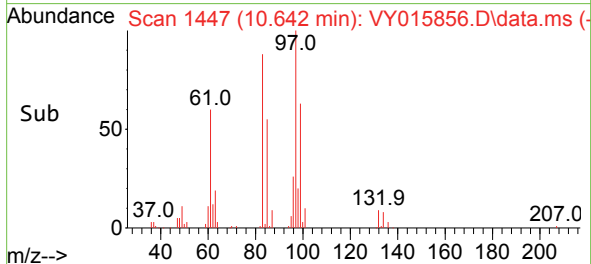
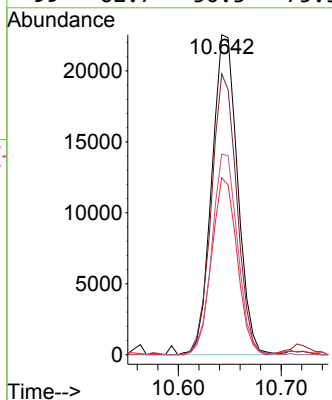
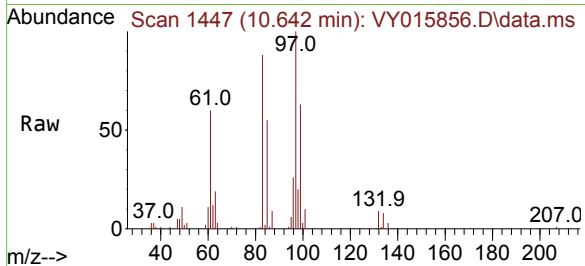




#55
1,1,2-Trichloroethane
Concen: 19.679 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

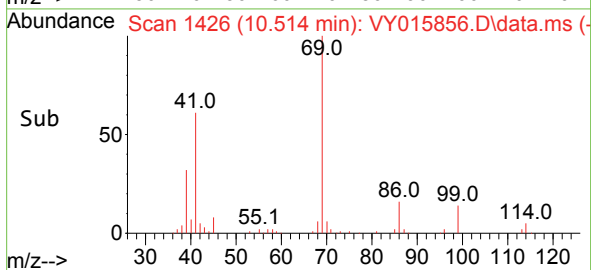
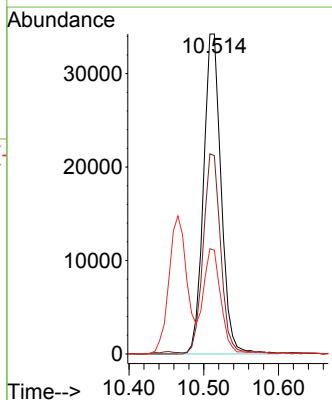
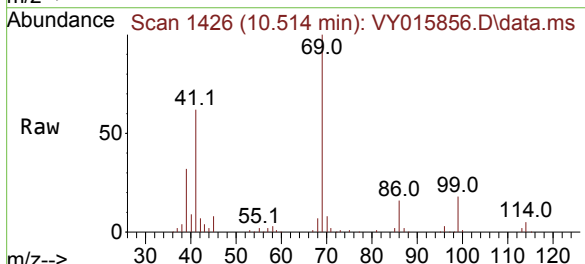
Instrument :
MSVOA_Y
ClientSampleId :

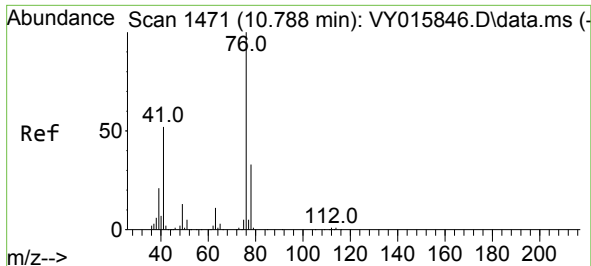
Tgt Ion:	97	Resp:	39240
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	55.3	45.4	68.0
99	62.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.386 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion:	69	Resp:	56048
Ion	Ratio	Lower	Upper
69	100		
41	61.6	57.6	86.4
39	31.5	34.1	51.1#

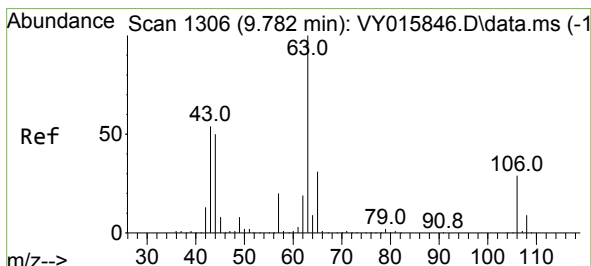
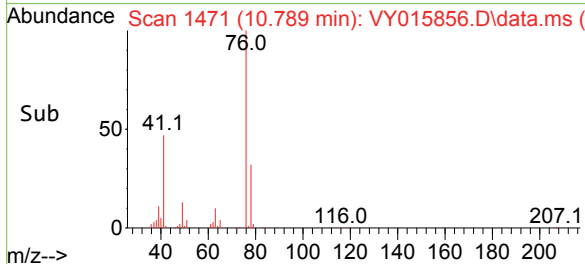
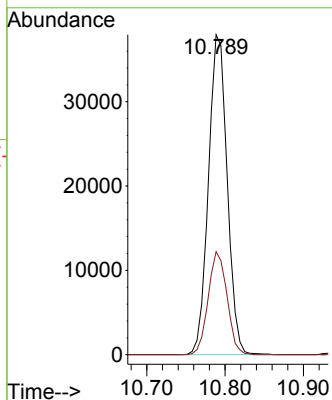
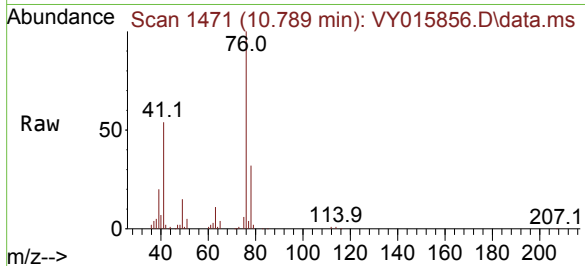




#57
1,3-Dichloropropane
Concen: 19.773 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

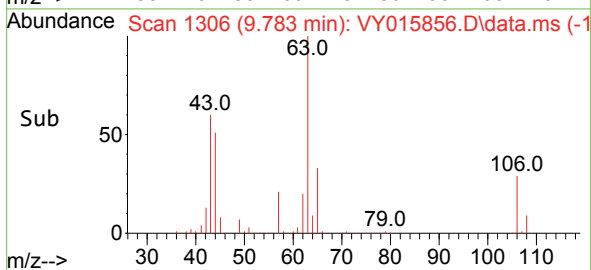
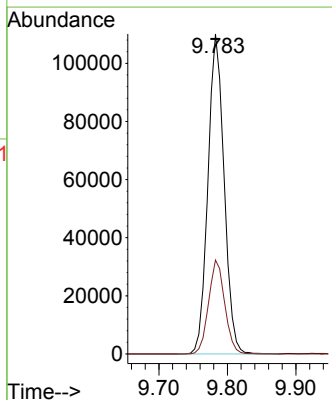
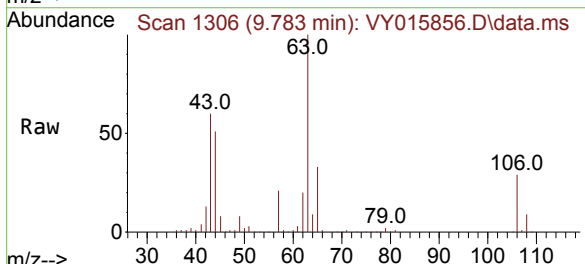
Instrument :
MSVOA_Y
ClientSampleId :

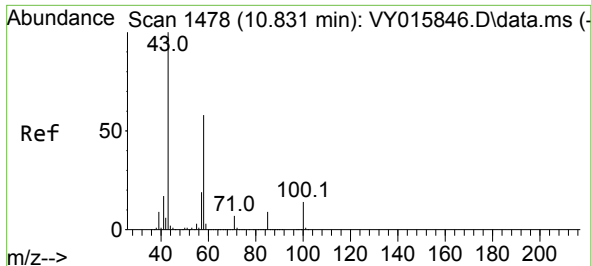
Tgt Ion: 76 Resp: 63034
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 107.220 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 63 Resp: 180624
Ion Ratio Lower Upper
63 100
106 29.3 21.2 31.8

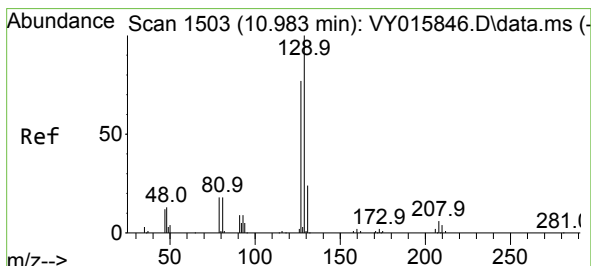
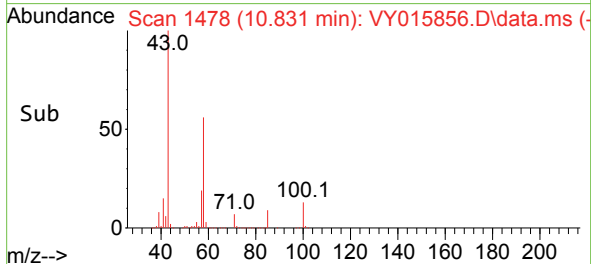
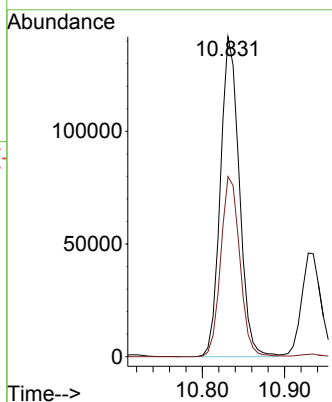
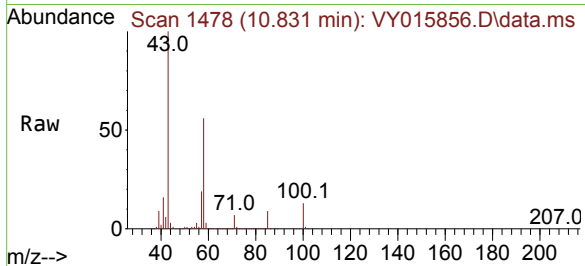




#59
2-Hexanone
Concen: 112.891 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

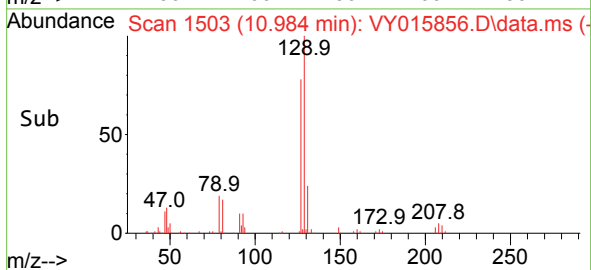
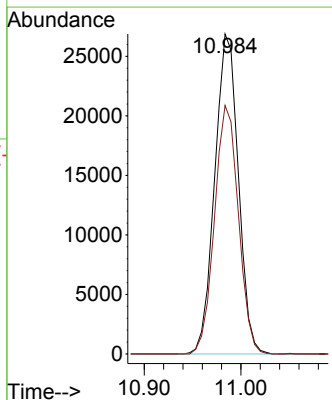
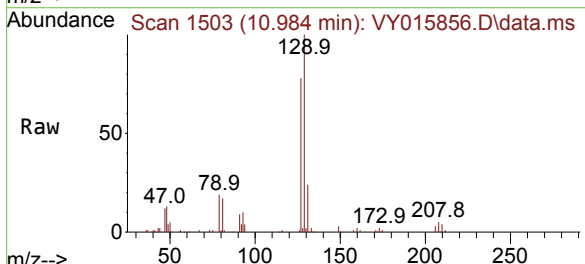
Instrument :
MSVOA_Y
ClientSampleId :

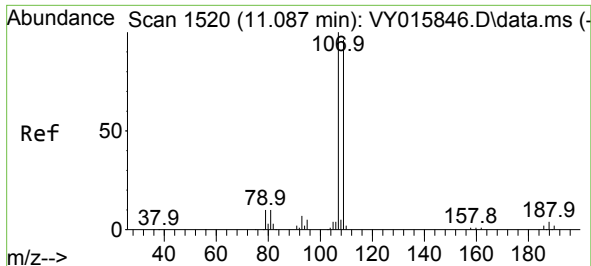
Tgt Ion: 43 Resp: 225784
Ion Ratio Lower Upper
43 100
58 57.2 25.1 75.3



#60
Dibromochloromethane
Concen: 19.759 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 129 Resp: 45507
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

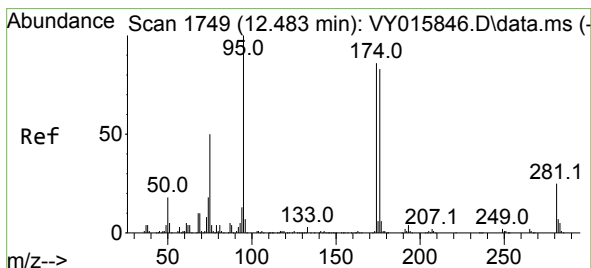
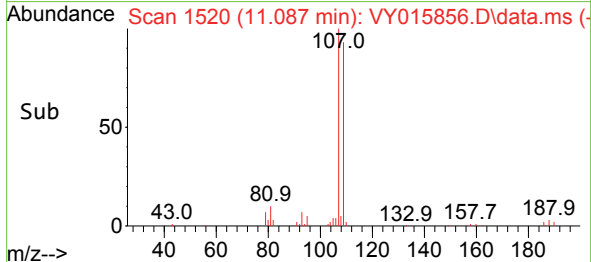
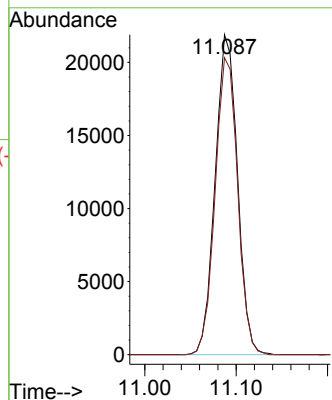
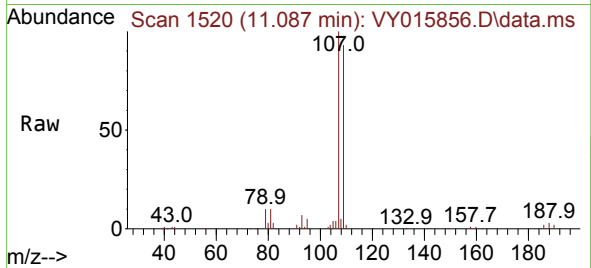




#61
1,2-Dibromoethane
Concen: 19.925 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

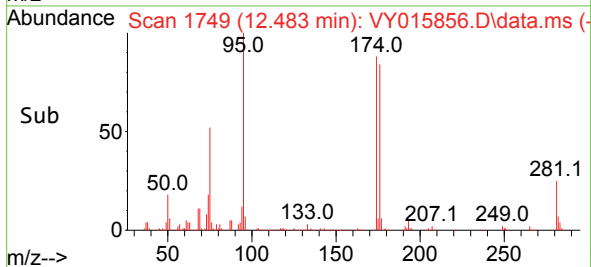
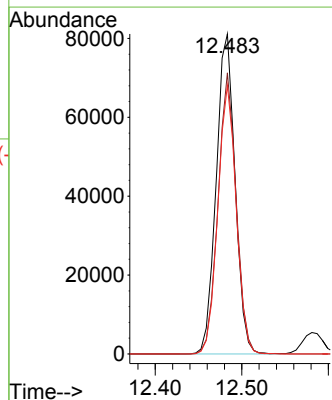
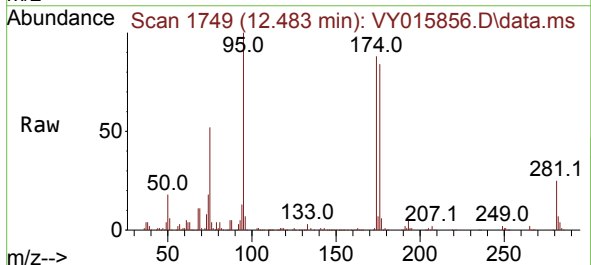
Instrument :
MSVOA_Y
ClientSampleId :

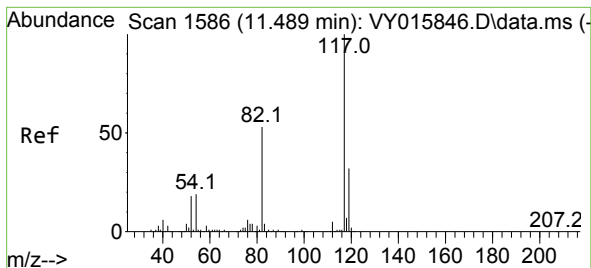
Tgt Ion:107 Resp: 37130
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 95 Resp: 122629
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

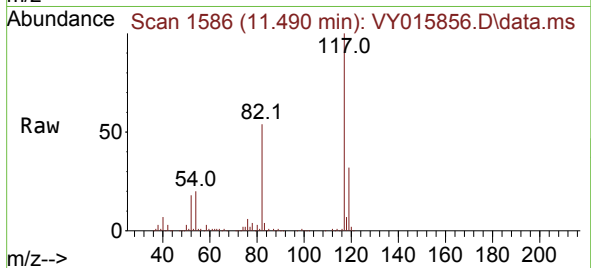
Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :



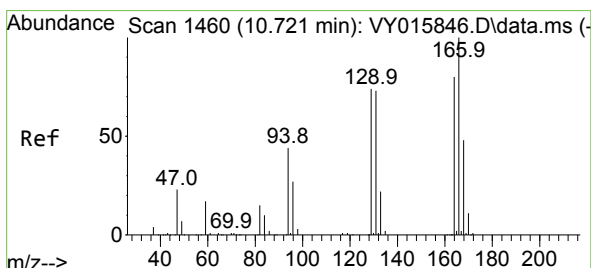
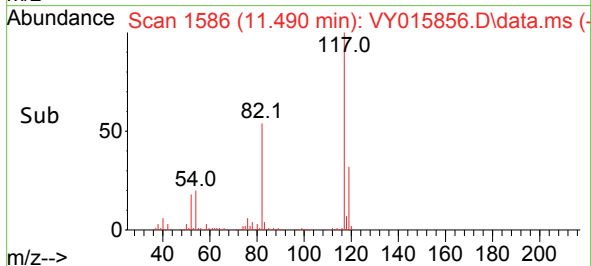
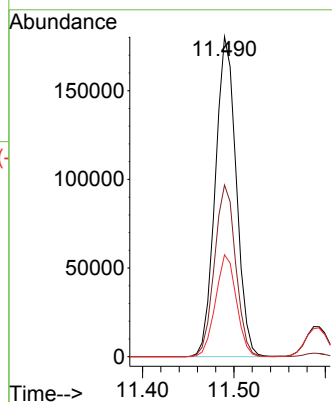
Tgt Ion:117 Resp: 287213

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 20.031 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Tgt Ion:164 Resp: 40439

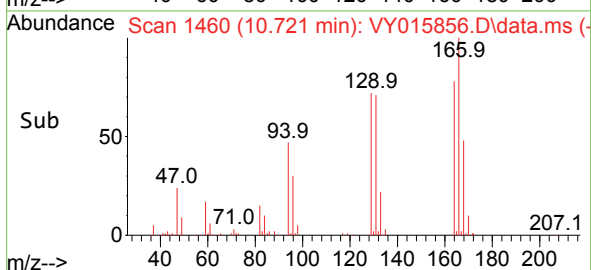
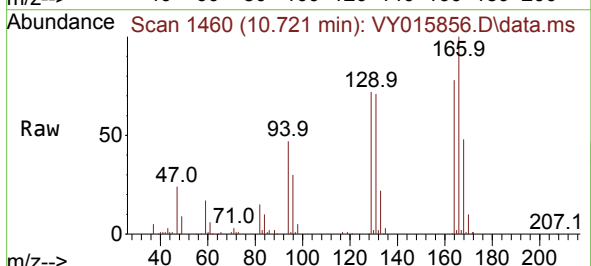
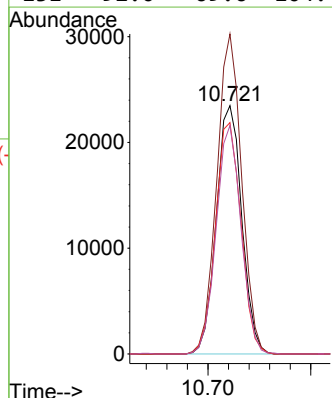
Ion Ratio Lower Upper

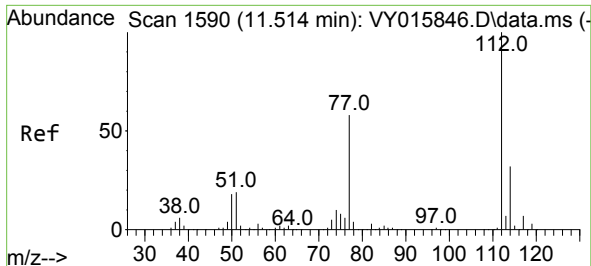
164 100

166 128.9 103.0 154.6

129 93.2 77.2 115.8

131 92.0 69.6 104.4

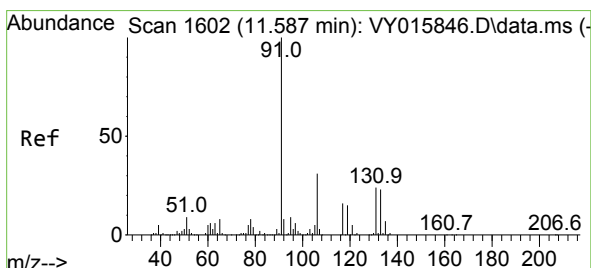
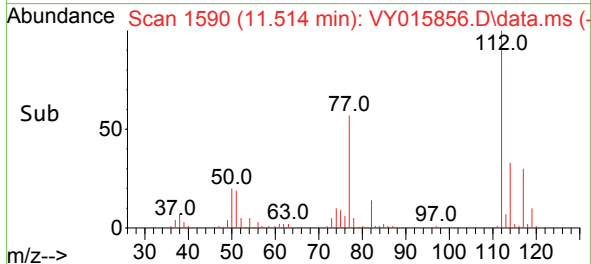
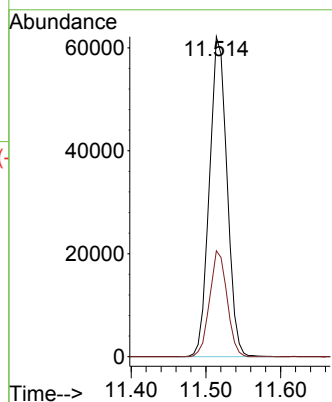
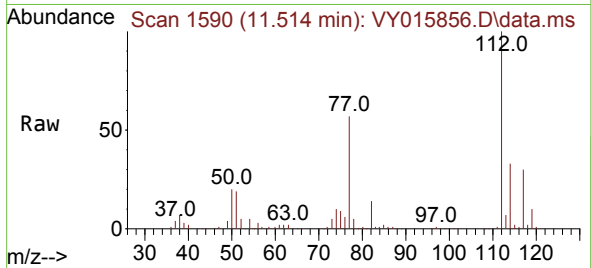




#65
Chlorobenzene
Concen: 19.148 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

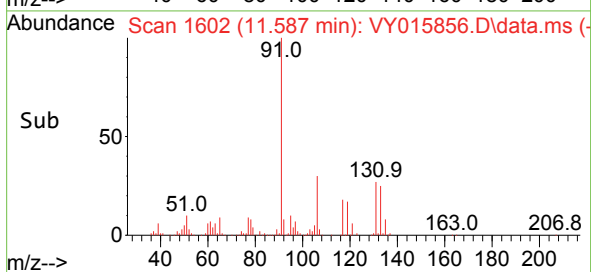
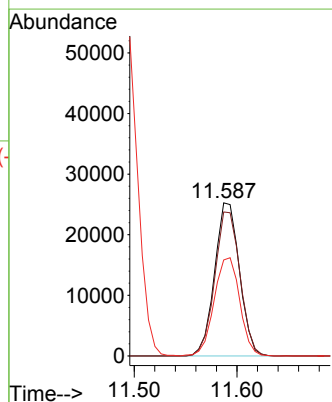
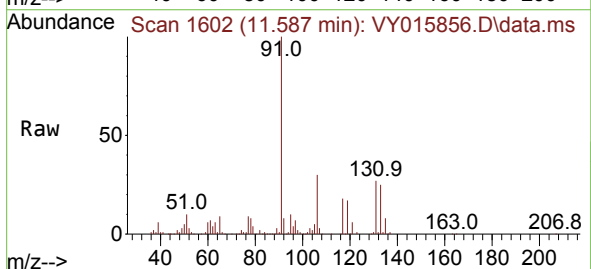
Instrument :
MSVOA_Y
ClientSampleId :

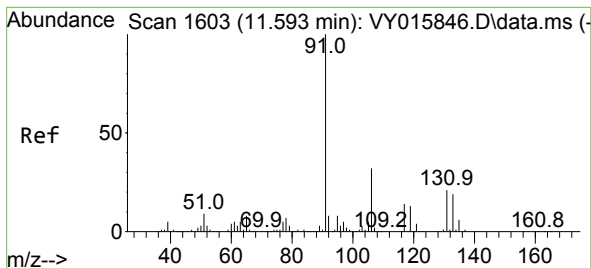
Tgt Ion:112 Resp: 101707
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.418 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion:131 Resp: 42407
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.289 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

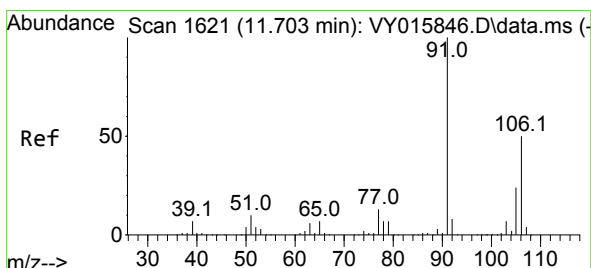
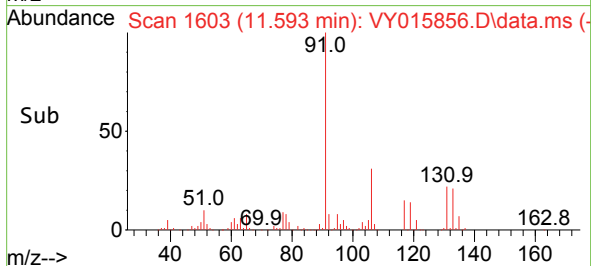
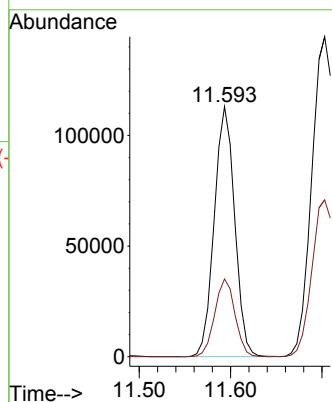
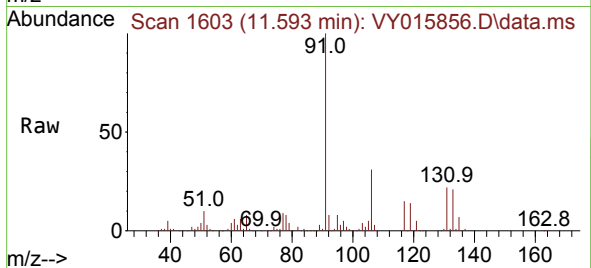
ClientSampleId :

Tgt Ion: 91 Resp: 175361

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 38.195 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015856.D

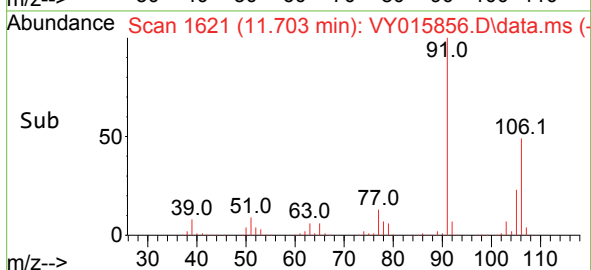
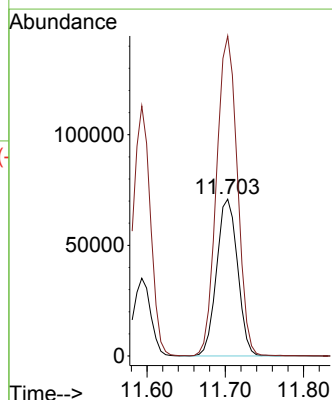
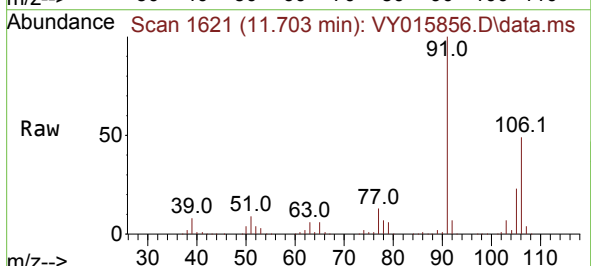
Acq: 06 Oct 2023 12:36

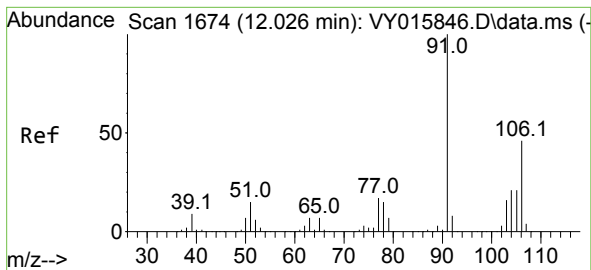
Tgt Ion:106 Resp: 131997

Ion Ratio Lower Upper

106 100

91 202.7 166.1 249.1





#69

o-Xylene

Concen: 19.149 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

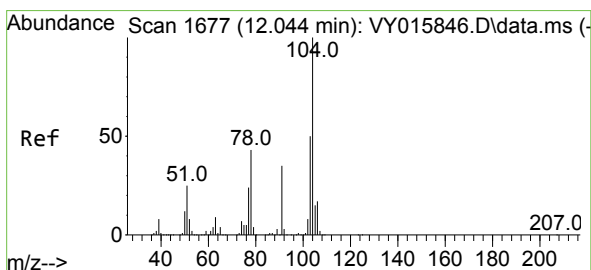
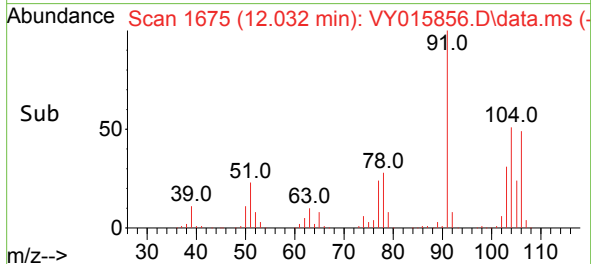
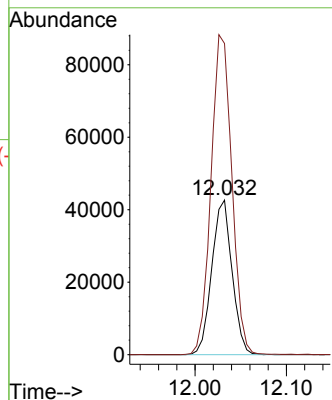
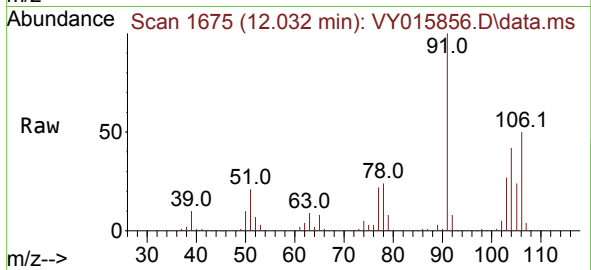
ClientSampleId :

Tgt Ion:106 Resp: 65824

Ion Ratio Lower Upper

106 100

91 213.3 108.1 324.3



#70

Styrene

Concen: 19.400 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

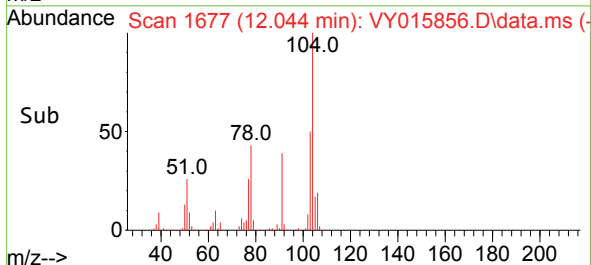
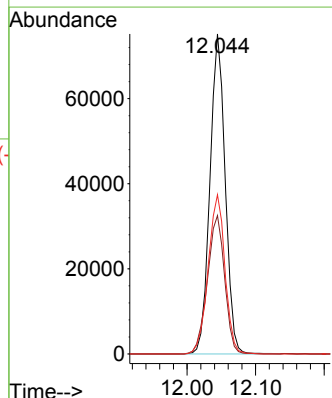
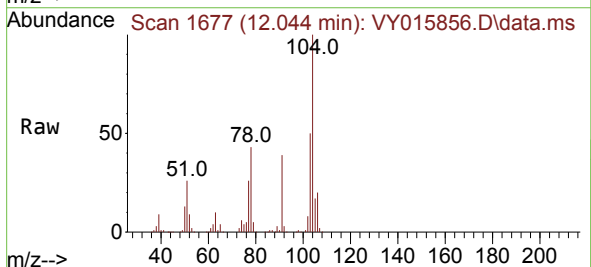
Tgt Ion:104 Resp: 116419

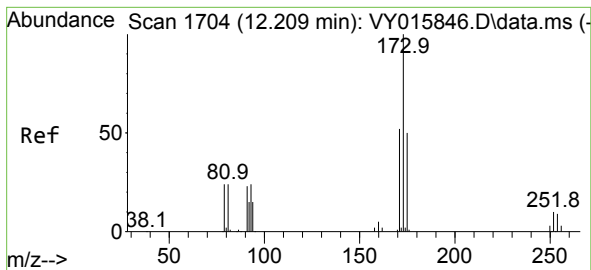
Ion Ratio Lower Upper

104 100

78 48.7 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 20.047 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

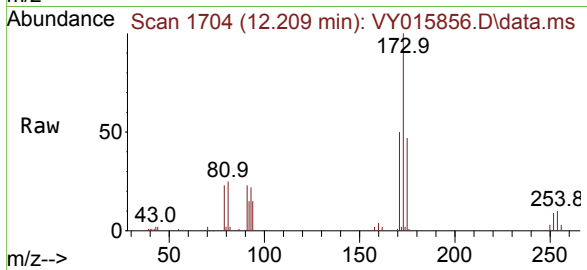
Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :



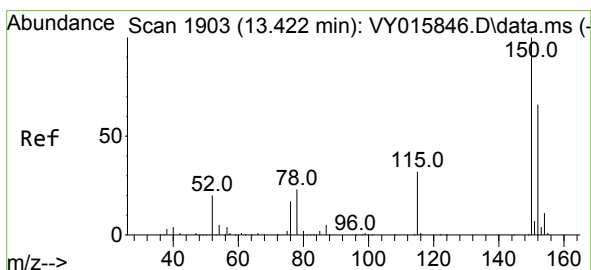
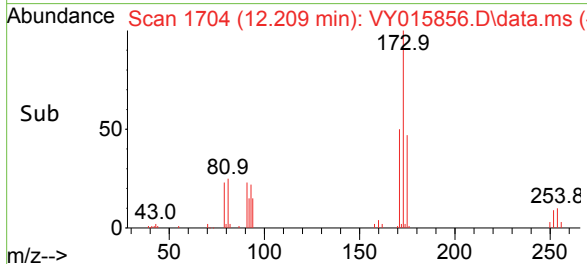
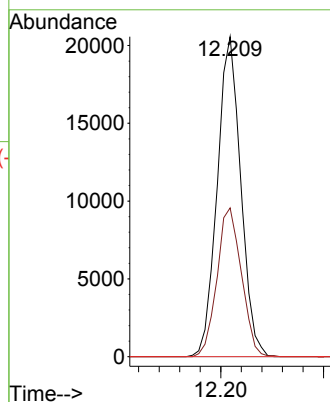
Tgt Ion:173 Resp: 32645

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

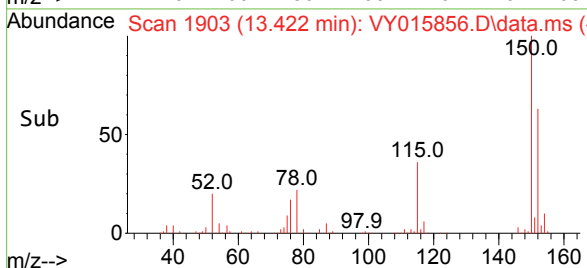
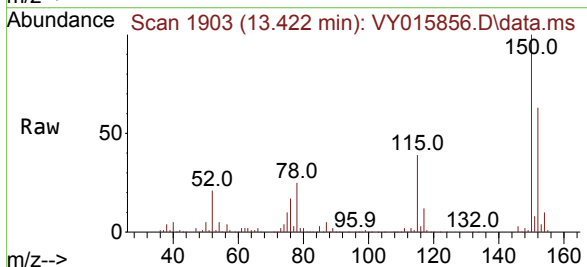
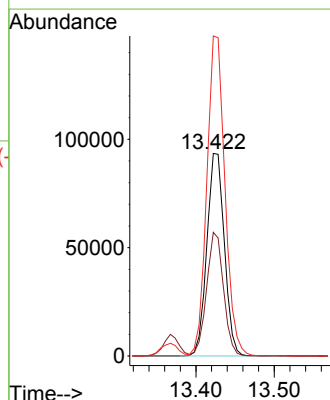
Tgt Ion:152 Resp: 144627

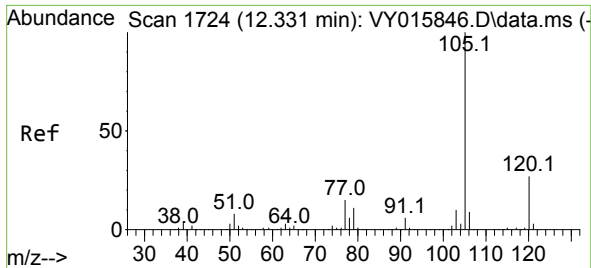
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 163.7 0.0 348.8

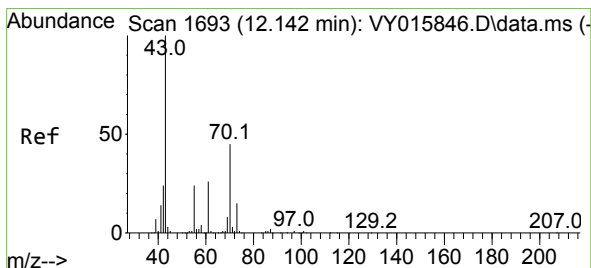
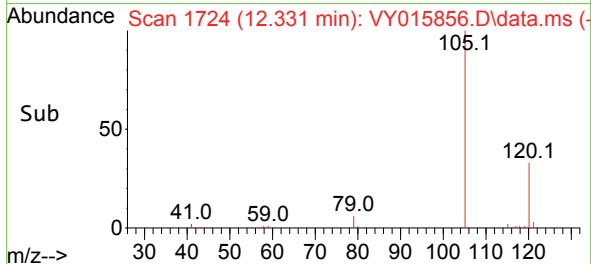
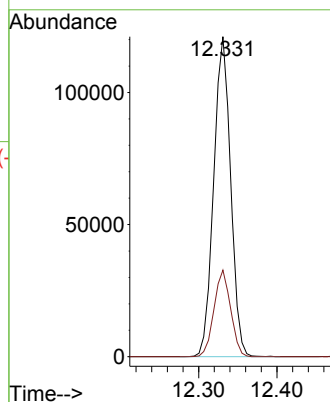
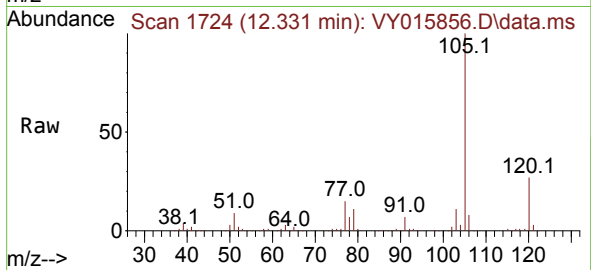




#73
Isopropylbenzene
Concen: 19.410 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

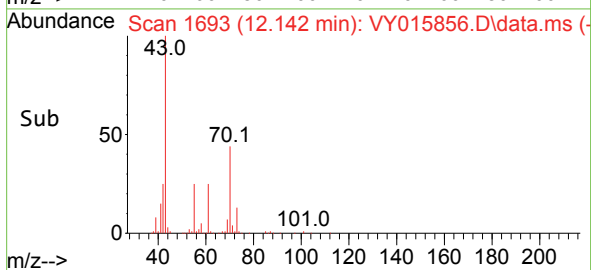
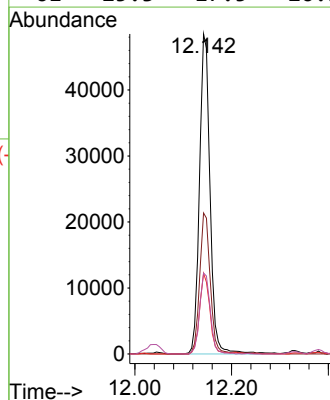
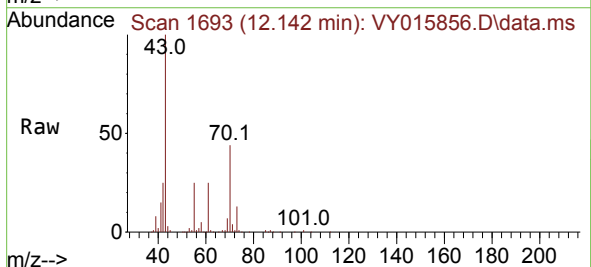
Instrument :
MSVOA_Y
ClientSampleId :

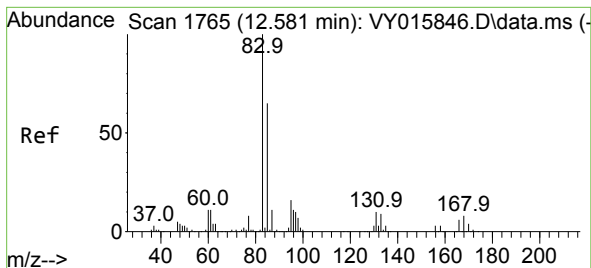
Tgt Ion:105 Resp: 181850
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 20.339 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 43 Resp: 73634
Ion Ratio Lower Upper
43 100
70 43.6 29.7 44.5
55 24.8 18.3 27.5
61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.571 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

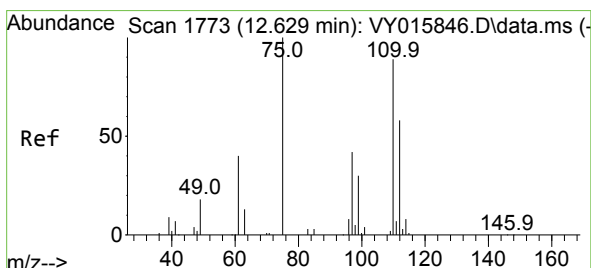
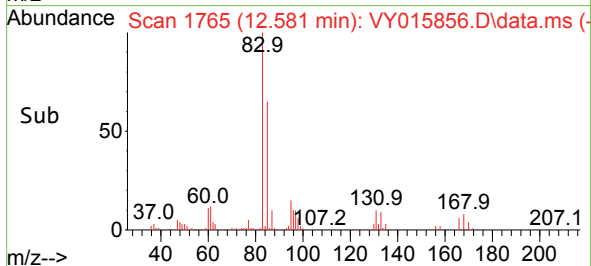
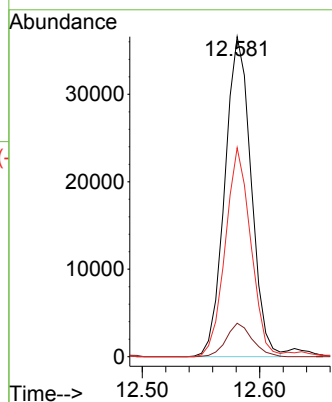
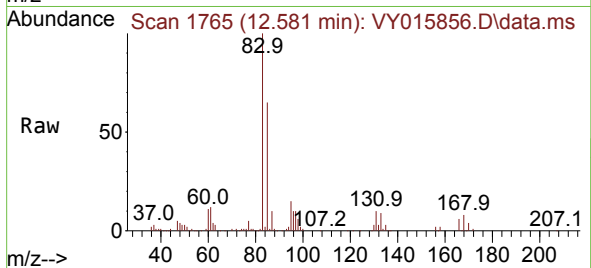
Tgt Ion: 83 Resp: 56931

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.422 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015856.D

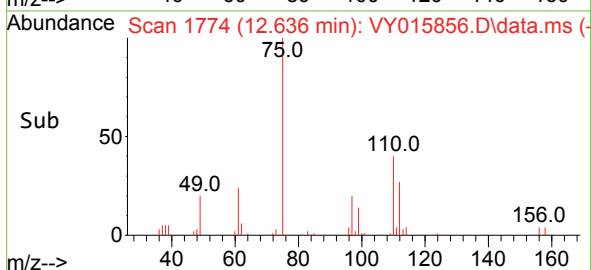
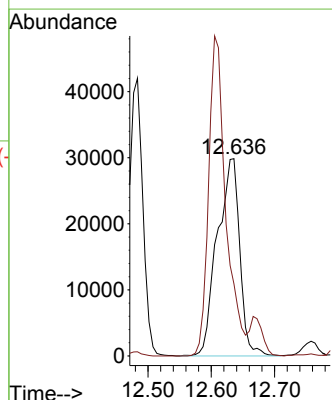
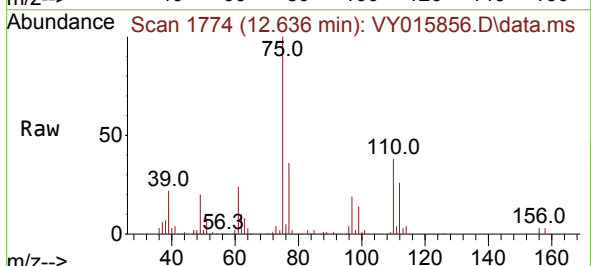
Acq: 06 Oct 2023 12:36

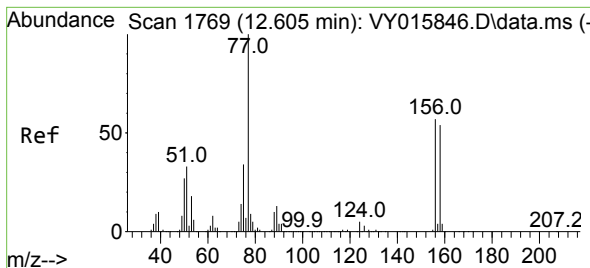
Tgt Ion: 75 Resp: 73696

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.427 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

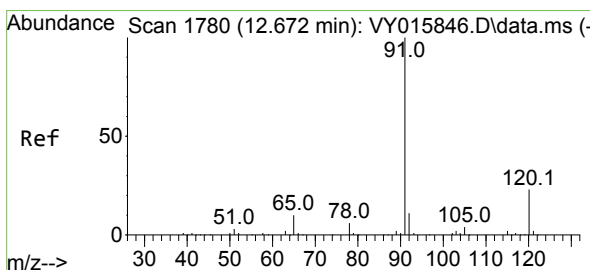
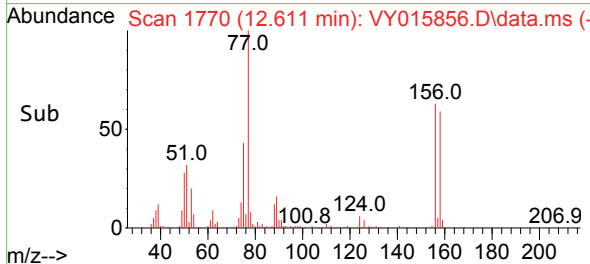
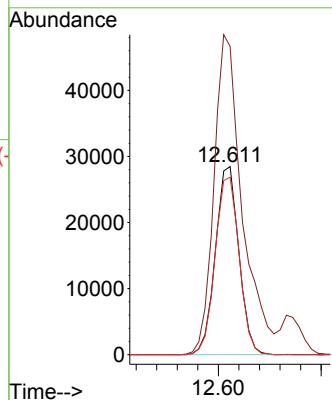
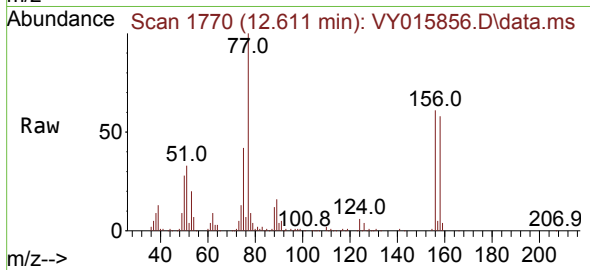
Tgt Ion:156 Resp: 45025

Ion Ratio Lower Upper

156 100

77 204.0 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 19.676 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015856.D

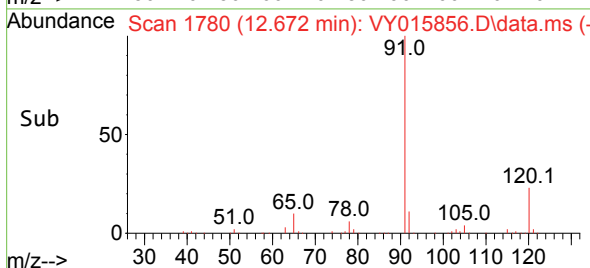
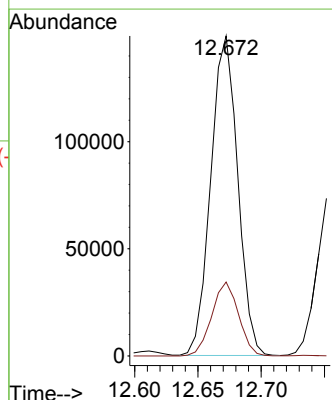
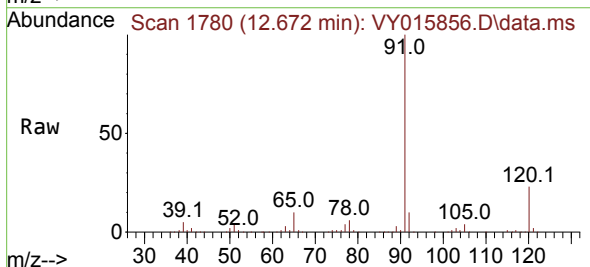
Acq: 06 Oct 2023 12:36

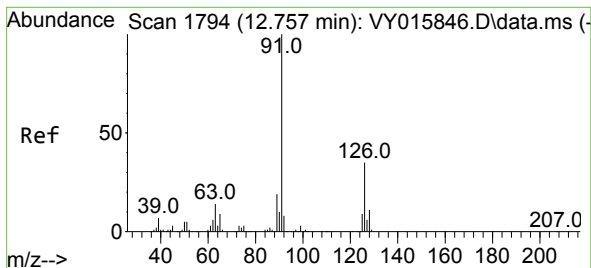
Tgt Ion: 91 Resp: 220801

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

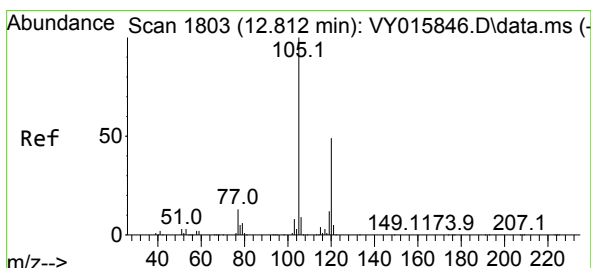
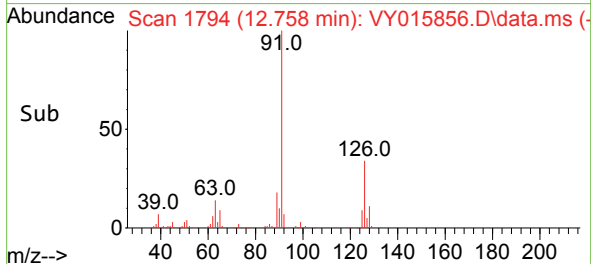
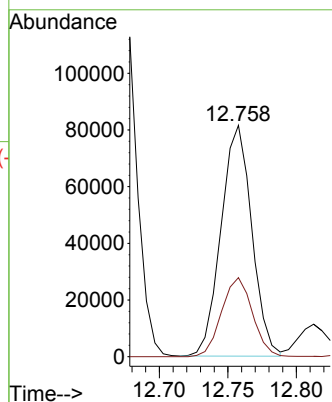
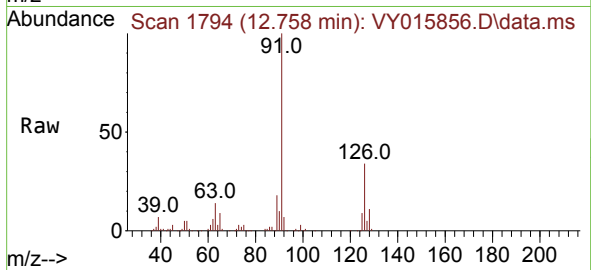




#79
2-Chlorotoluene
Concen: 19.711 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

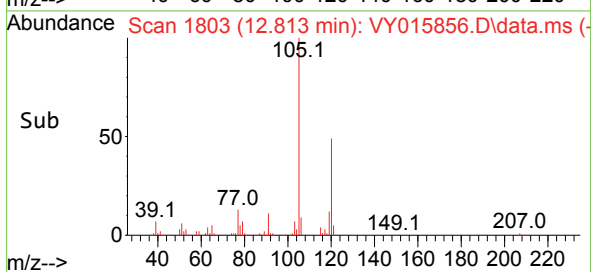
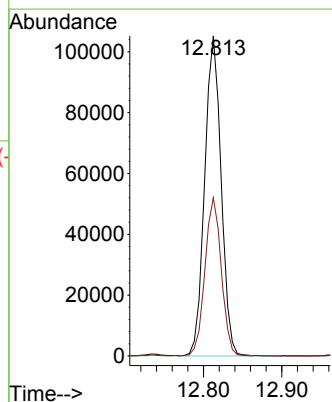
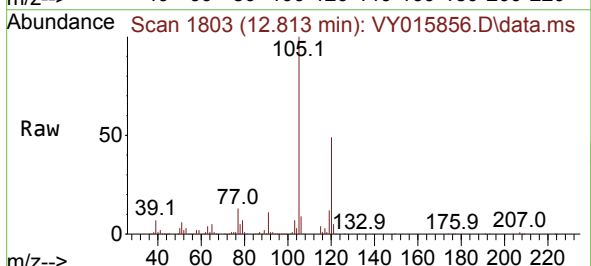
Instrument :
MSVOA_Y
ClientSampleId :

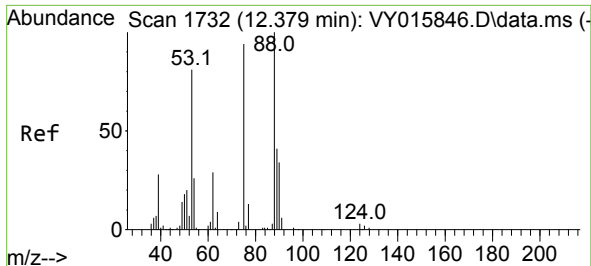
Tgt Ion: 91 Resp: 127376
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.646 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 105 Resp: 153397
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

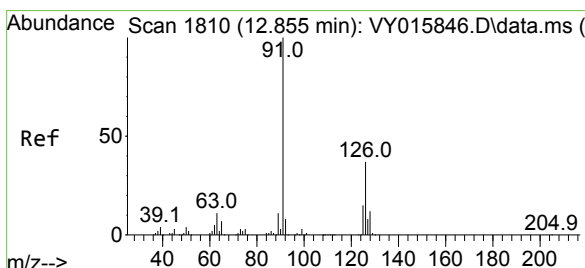
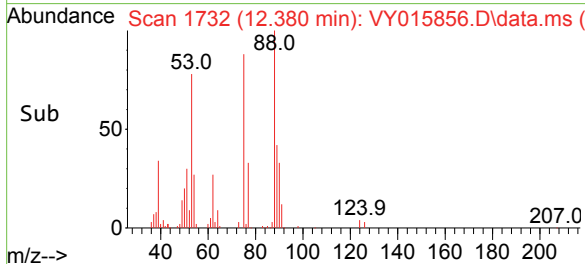
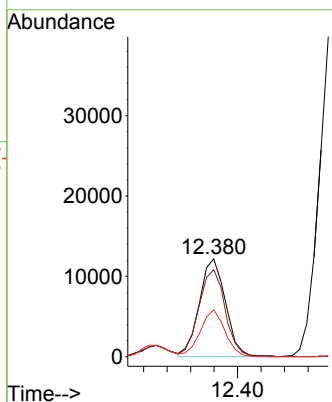
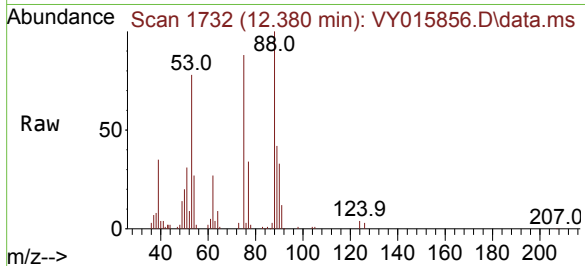




#81
trans-1,4-Dichloro-2-butene
Concen: 20.355 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

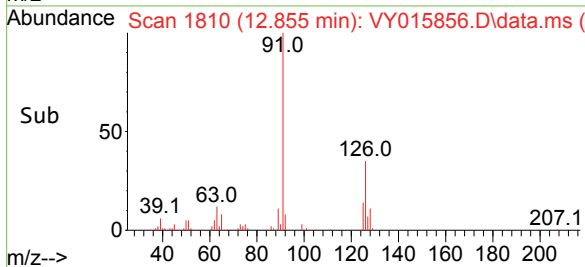
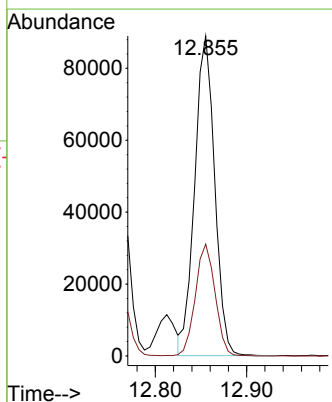
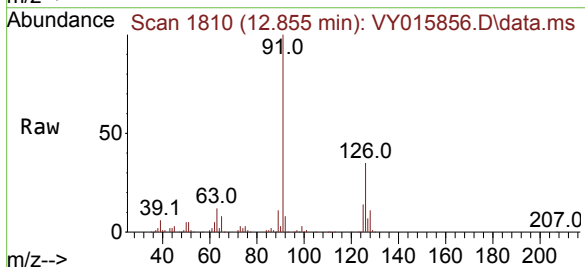
Instrument :
MSVOA_Y
ClientSampleId :

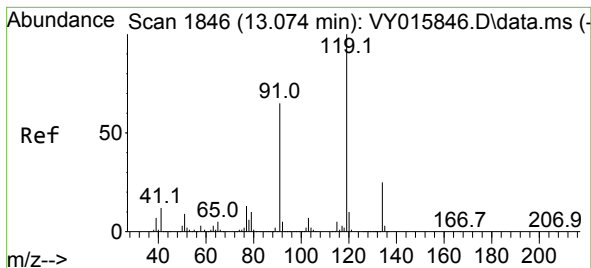
Tgt Ion: 75 Resp: 18826
Ion Ratio Lower Upper
75 100
53 89.8 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.915 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 91 Resp: 134696
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.635 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

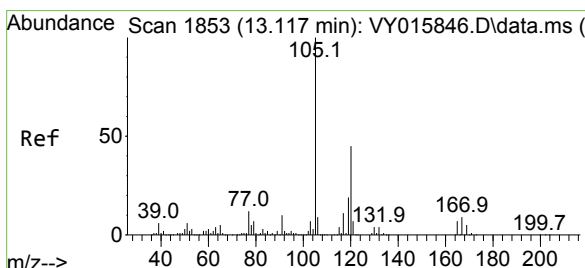
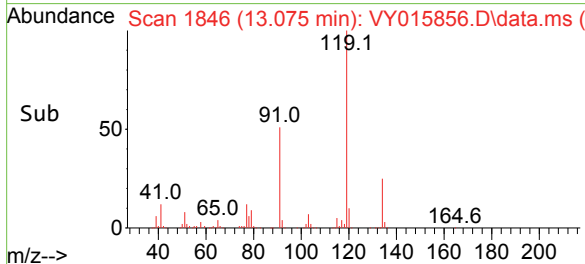
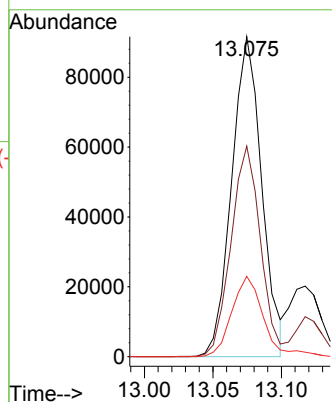
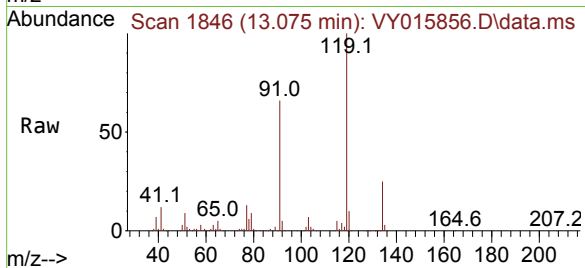
Tgt Ion:119 Resp: 140134

Ion Ratio Lower Upper

119 100

91 64.3 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.069 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015856.D

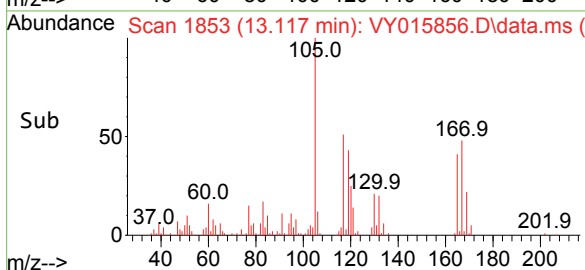
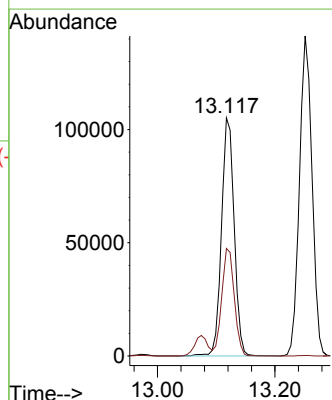
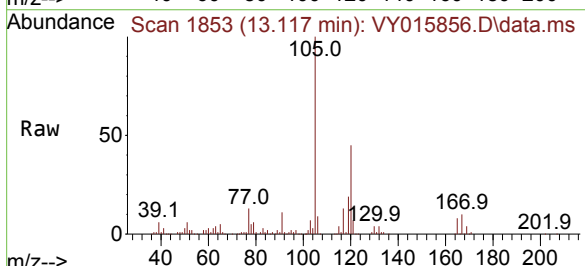
Acq: 06 Oct 2023 12:36

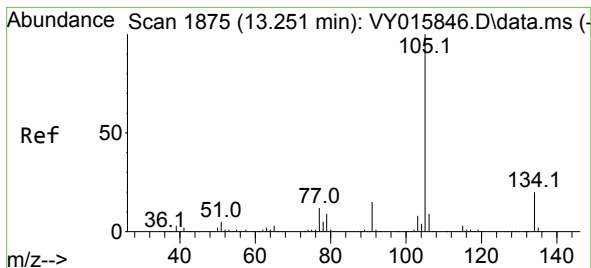
Tgt Ion:105 Resp: 157423

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.046 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

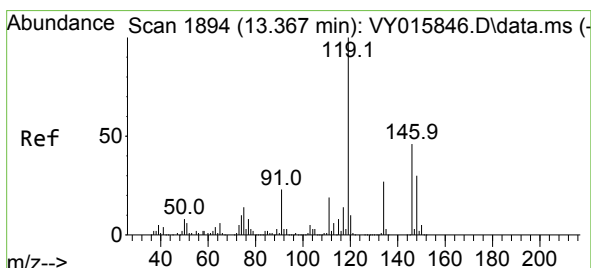
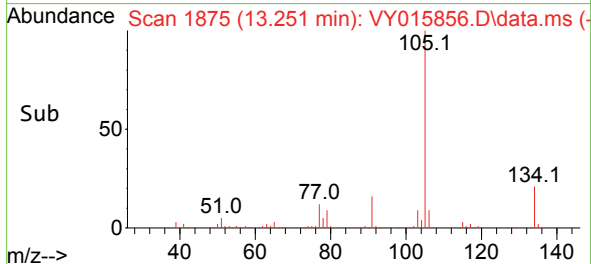
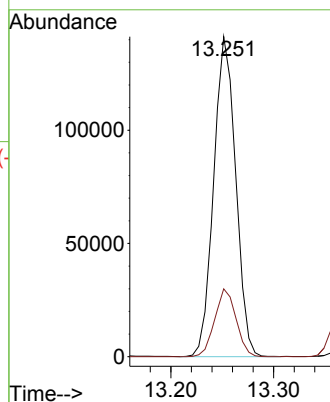
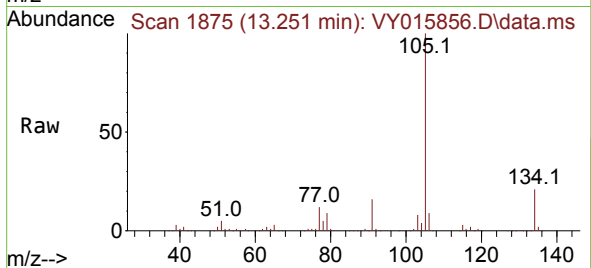
ClientSampleId :

Tgt Ion:105 Resp: 209900

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.960 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

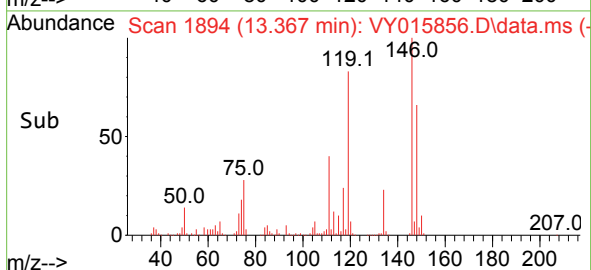
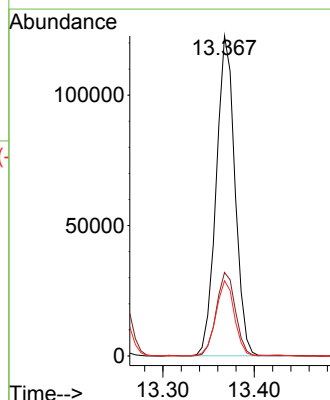
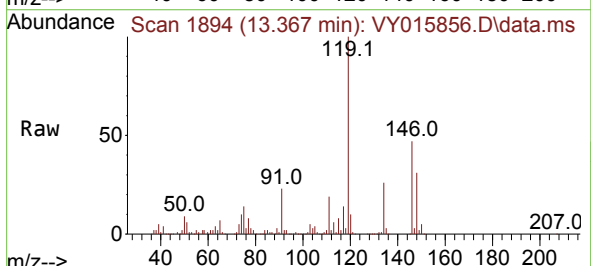
Tgt Ion:119 Resp: 174040

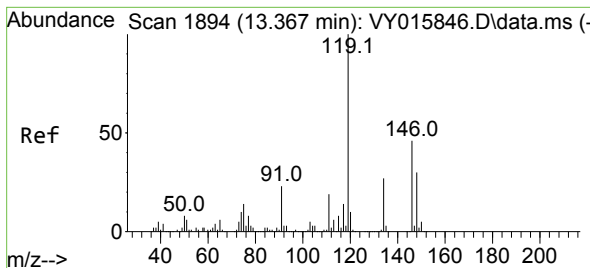
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.814 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015856.D

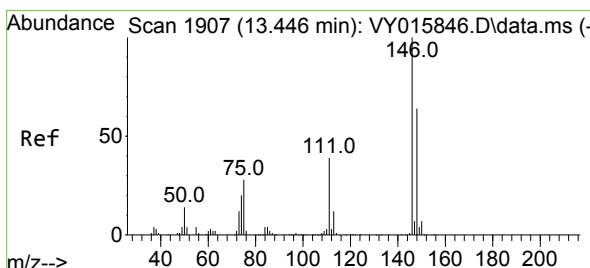
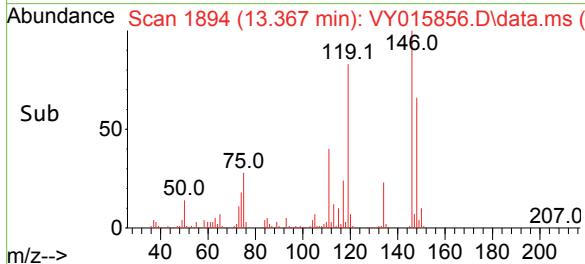
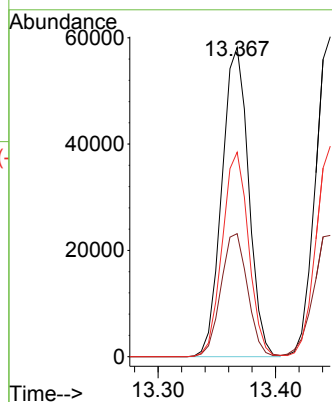
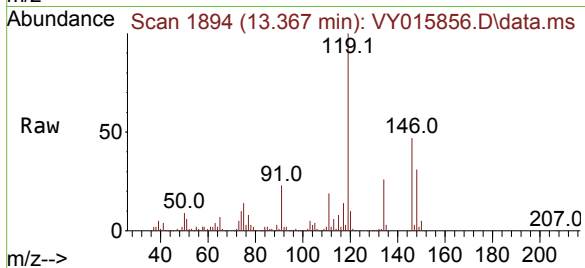
Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	91949
Ion Ratio	Lower	Upper
146	100	
111	39.8	19.4 58.2
148	65.1	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.919 ug/l

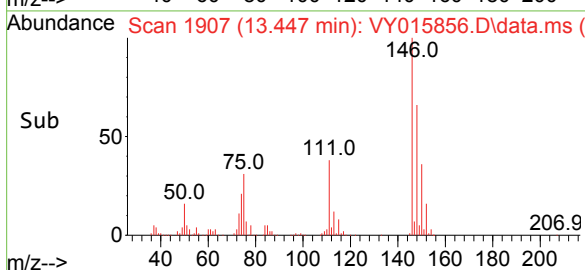
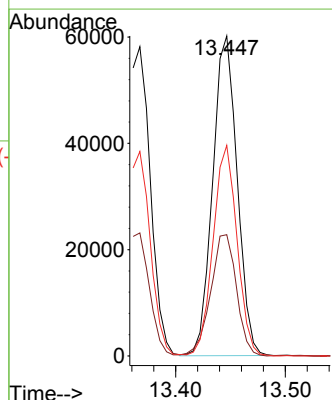
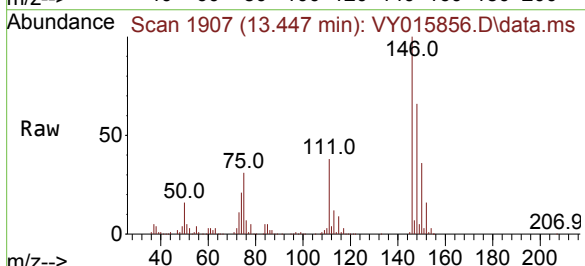
RT: 13.447 min Scan# 1907

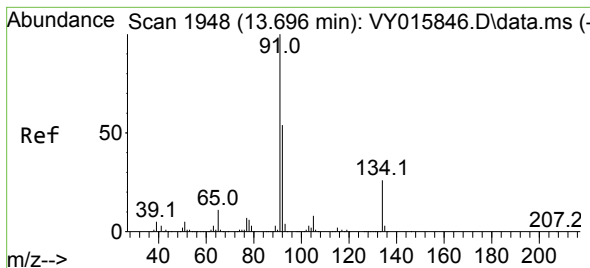
Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Tgt Ion:146	Resp:	93458
Ion Ratio	Lower	Upper
146	100	
111	40.0	18.9 56.7
148	64.4	32.1 96.5





#89

n-Butylbenzene

Concen: 19.670 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

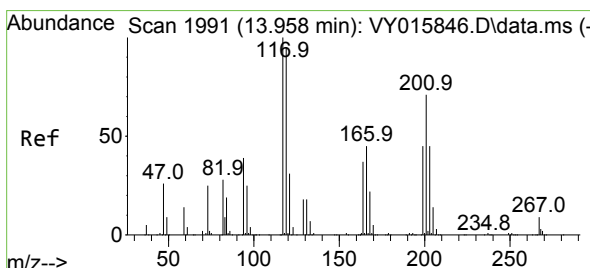
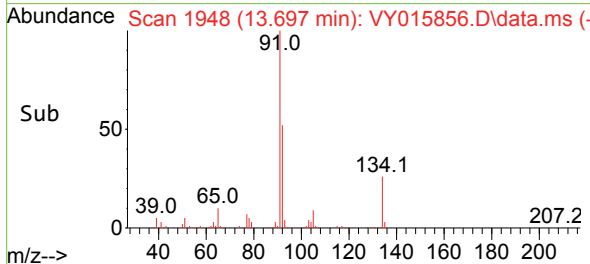
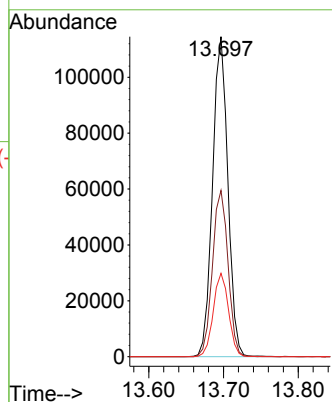
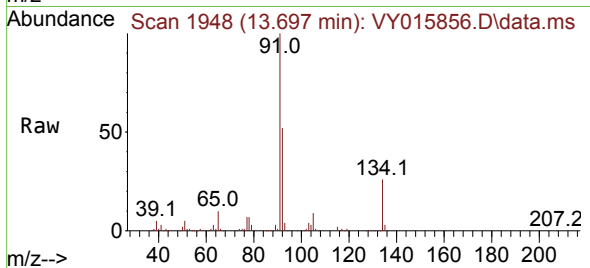
Tgt Ion: 91 Resp: 163203

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 19.877 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015856.D

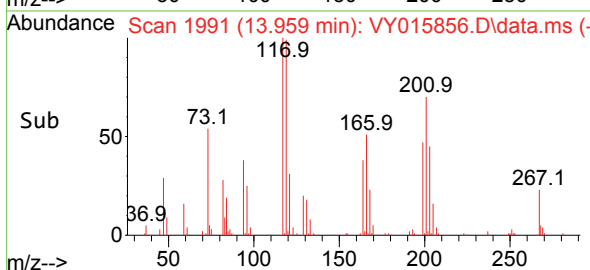
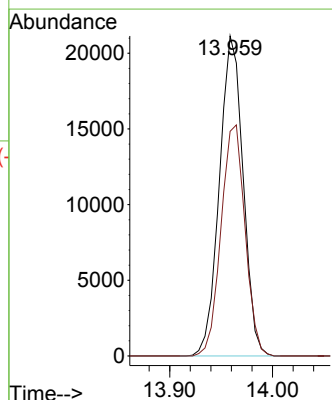
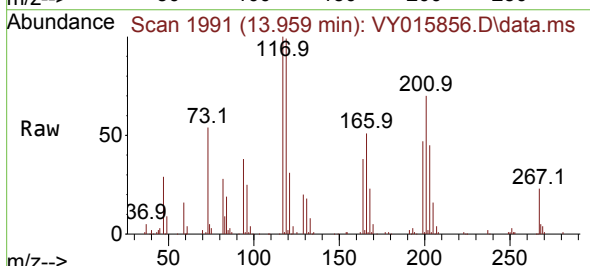
Acq: 06 Oct 2023 12:36

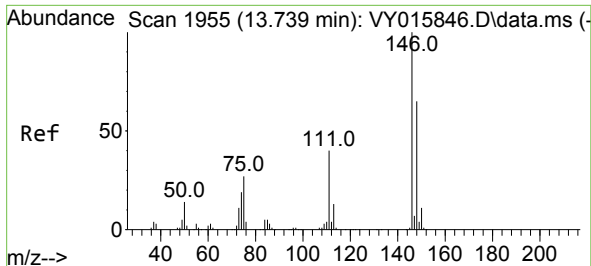
Tgt Ion: 117 Resp: 33830

Ion Ratio Lower Upper

117 100

201 73.1 41.6 124.8

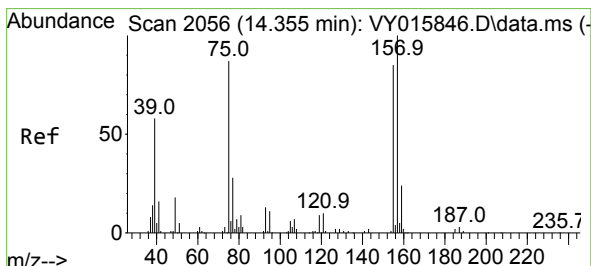
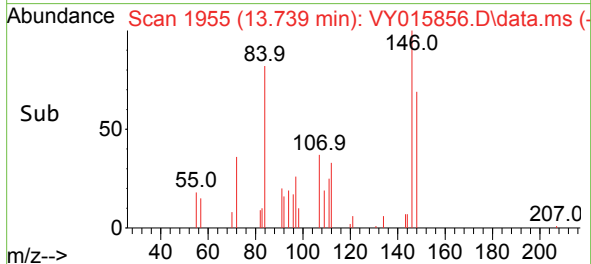
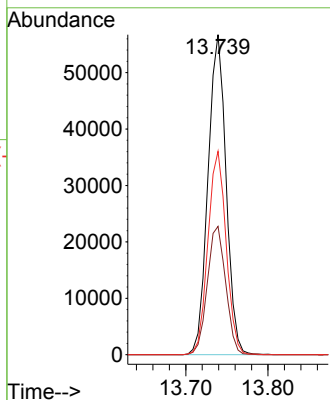
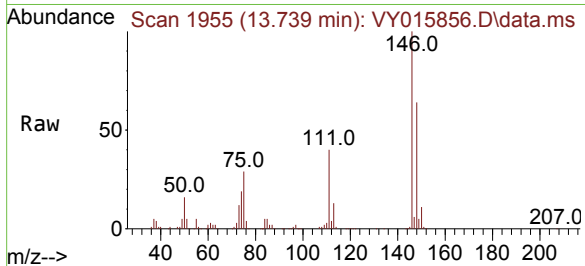




#91
1,2-Dichlorobenzene
Concen: 19.837 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

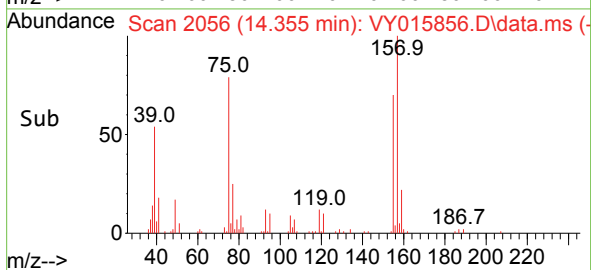
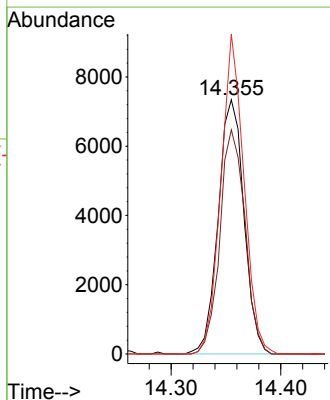
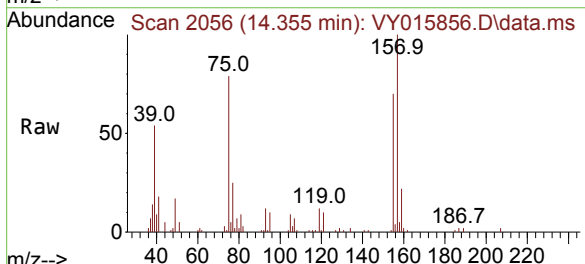
Instrument :
MSVOA_Y
ClientSampleId :

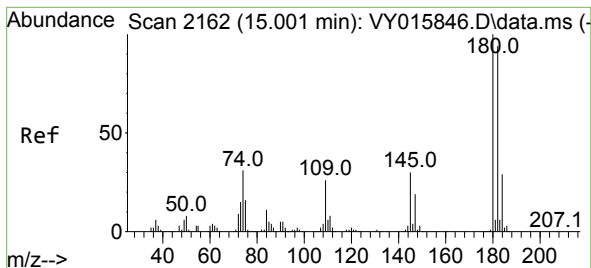
Tgt Ion:146 Resp: 86695
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.498 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015856.D
Acq: 06 Oct 2023 12:36

Tgt Ion: 75 Resp: 11938
Ion Ratio Lower Upper
75 100
155 86.1 41.5 124.6
157 112.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.495 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

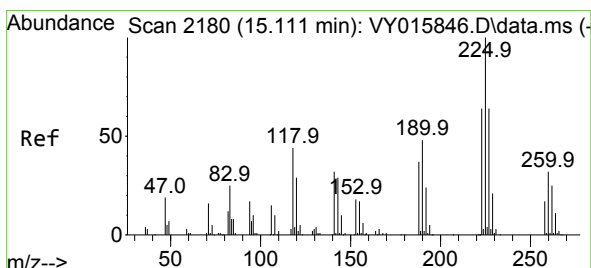
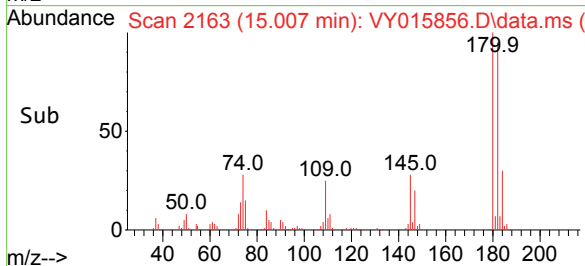
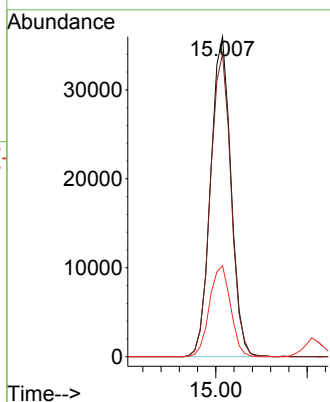
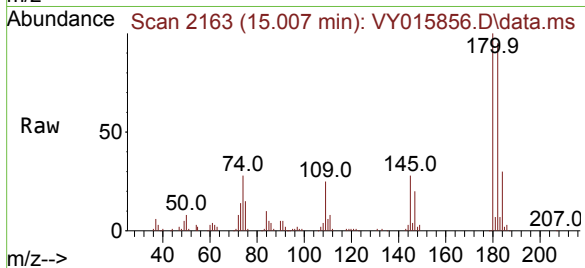
Tgt Ion:180 Resp: 55453

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

145 29.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.263 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

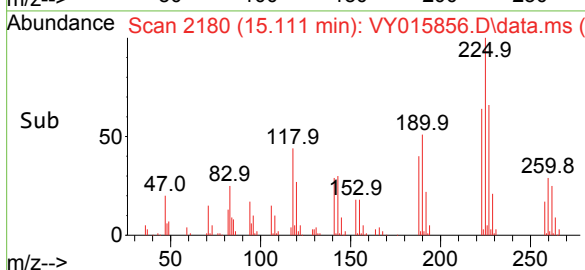
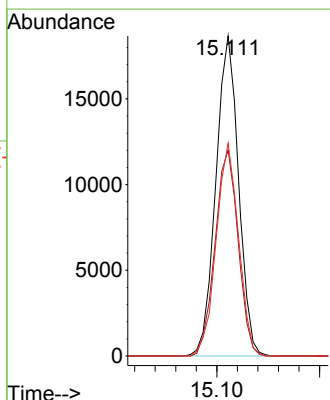
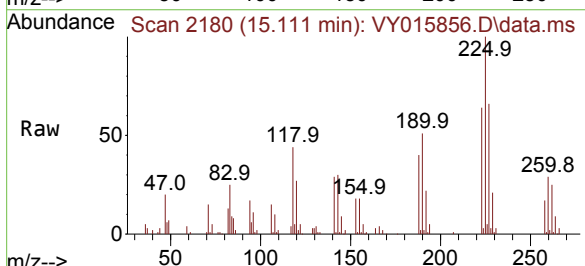
Tgt Ion:225 Resp: 28550

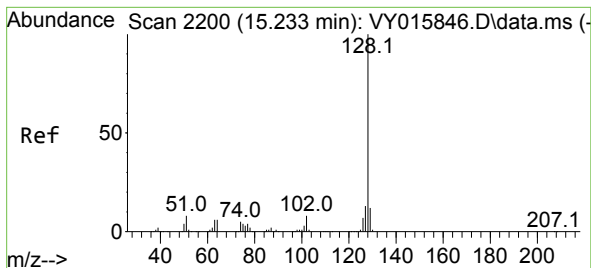
Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.9

227 65.4 33.0 98.9





#95

Naphthalene

Concen: 20.054 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

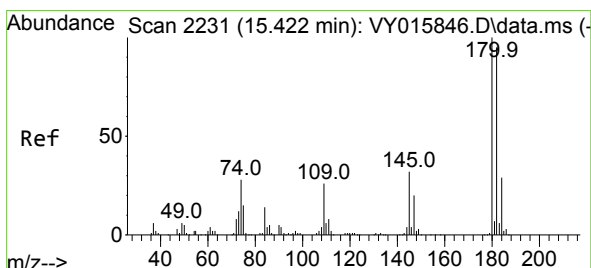
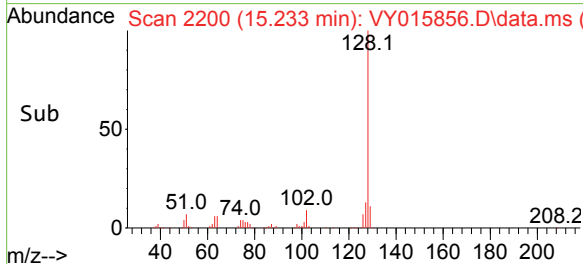
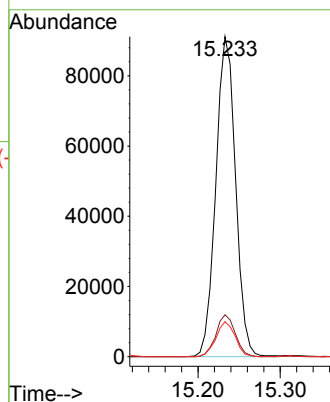
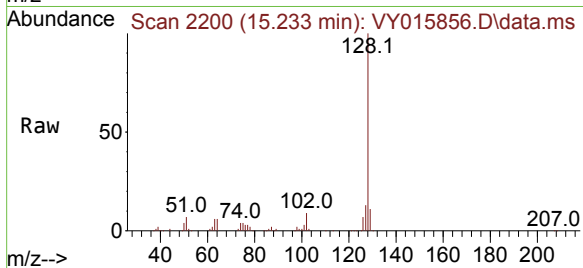
Tgt Ion:128 Resp: 152103

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.481 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015856.D

Acq: 06 Oct 2023 12:36

Tgt Ion:180 Resp: 51919

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 32.7 15.4 46.2

