

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015847.D
 Acq On : 05 Oct 2023 14:01
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 06 05:19:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	210238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	208118	100.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.240%#	
35) Dibromofluoromethane	7.716	113	199596	99.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 198.500%#	
50) Toluene-d8	10.179	98	671556	102.854	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 205.700%#	
62) 4-Bromofluorobenzene	12.477	95	264612	99.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 198.300%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	95790	99.075	ug/l	98
3) Chloromethane	2.107	50	114683	106.735	ug/l	99
4) Vinyl Chloride	2.241	62	140108	103.531	ug/l	99
5) Bromomethane	2.644	94	82266	96.493	ug/l	98
6) Chloroethane	2.778	64	93187	96.405	ug/l	97
7) Trichlorofluoromethane	3.107	101	259727	98.921	ug/l	99
8) Diethyl Ether	3.521	74	118769	103.754	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	165543	96.730	ug/l	95
10) Methyl Iodide	4.082	142	177944	100.171	ug/l	96
11) Tert butyl alcohol	4.991	59	222453	491.427	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	141027	103.041	ug/l	92
13) Acrolein	3.729	56	86744	543.594	ug/l	99
14) Allyl chloride	4.473	41	266746	103.377	ug/l	92
15) Acrylonitrile	5.161	53	439219	491.874	ug/l	98
16) Acetone	3.954	43	486749	454.220	ug/l	93
17) Carbon Disulfide	4.186	76	233932	97.754	ug/l	98
18) Methyl Acetate	4.479	43	364556	104.528	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	657439	101.628	ug/l	99
20) Methylene Chloride	4.710	84	203942	95.380	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	165558	105.014	ug/l	97
22) Diisopropyl ether	6.119	45	675403	100.802	ug/l	93
23) Vinyl Acetate	6.058	43	2058658	507.631	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	354911	99.750	ug/l	98
25) 2-Butanone	6.990	43	696964	472.821	ug/l	95
26) 2,2-Dichloropropane	6.972	77	318931	96.460	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	231977	101.791	ug/l	94
28) Bromochloromethane	7.332	49	199542	95.899	ug/l	93
29) Tetrahydrofuran	7.350	42	418749	509.116	ug/l	92
30) Chloroform	7.502	83	392703	98.664	ug/l	97
31) Cyclohexane	7.777	56	224788	96.415	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	323814	99.518	ug/l	98
36) 1,1-Dichloropropene	7.911	75	243813	101.623	ug/l	99
37) Ethyl Acetate	7.076	43	266072	99.100	ug/l #	95
38) Carbon Tetrachloride	7.893	117	278853	98.848	ug/l	98
39) Methylcyclohexane	9.179	83	266168	103.733	ug/l	94
40) Benzene	8.155	78	764077	101.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	134060	106.837	ug/l	95
42) 1,2-Dichloroethane	8.234	62	269691	99.493	ug/l	93
43) Isopropyl Acetate	8.271	43	463005	100.191	ug/l	96
44) Trichloroethene	8.935	130	219024	99.408	ug/l	100
45) 1,2-Dichloropropane	9.216	63	217232	97.554	ug/l	96
46) Dibromomethane	9.301	93	144214	101.300	ug/l	96
47) Bromodichloromethane	9.496	83	327751	99.183	ug/l	98
48) Methyl methacrylate	9.289	41	204236	101.191	ug/l	88
49) 1,4-Dioxane	9.313	88	65856	2065.113	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	1435410	496.523	ug/l	91
52) Toluene	10.240	92	500091	101.526	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	359354	103.640	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	375147	101.917	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	218083	97.510	ug/l	96
56) Ethyl methacrylate	10.508	69	338011	104.235	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	359014	100.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	975881	516.471	ug/l	95
59) 2-Hexanone	10.831	43	1108939	494.337	ug/l	89
60) Dibromochloromethane	10.984	129	260207	100.729	ug/l	99
61) 1,2-Dibromoethane	11.087	107	209962	100.455	ug/l	100
64) Tetrachloroethene	10.715	164	226666	99.758	ug/l	98
65) Chlorobenzene	11.514	112	584205	97.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	240429	97.816	ug/l	98
67) Ethyl Benzene	11.593	91	1024420	100.118	ug/l	98
68) m/p-Xylenes	11.703	106	779936	200.519	ug/l	95
69) o-Xylene	12.026	106	389947	100.792	ug/l	97
70) Styrene	12.044	104	684880	101.403	ug/l	96
71) Bromoform	12.209	173	185233	101.064	ug/l #	99
73) Isopropylbenzene	12.331	105	1029711	97.817	ug/l	100
74) N-amyl acetate	12.142	43	412118	101.312	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	305473	98.236	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	397570	165.266	ug/l #	100
77) Bromobenzene	12.611	156	255640	98.165	ug/l	93
78) n-propylbenzene	12.672	91	1237251	98.124	ug/l	100
79) 2-Chlorotoluene	12.758	91	712884	98.178	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	861310	98.177	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	107772	103.706	ug/l	91
82) 4-Chlorotoluene	12.855	91	744855	98.010	ug/l	100
83) tert-Butylbenzene	13.075	119	769779	95.991	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	869096	98.609	ug/l	99
85) sec-Butylbenzene	13.251	105	1137719	96.702	ug/l	100
86) p-Isopropyltoluene	13.367	119	955775	97.553	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	504402	96.737	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	504690	95.733	ug/l	99
89) n-Butylbenzene	13.696	91	907407	97.331	ug/l	97
90) Hexachloroethane	13.959	117	188878	98.766	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	475001	96.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	61854	99.132	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	317237	99.257	ug/l	99
94) Hexachlorobutadiene	15.111	225	157350	94.484	ug/l	98
95) Naphthalene	15.233	128	865935	101.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	293667	98.065	ug/l	99

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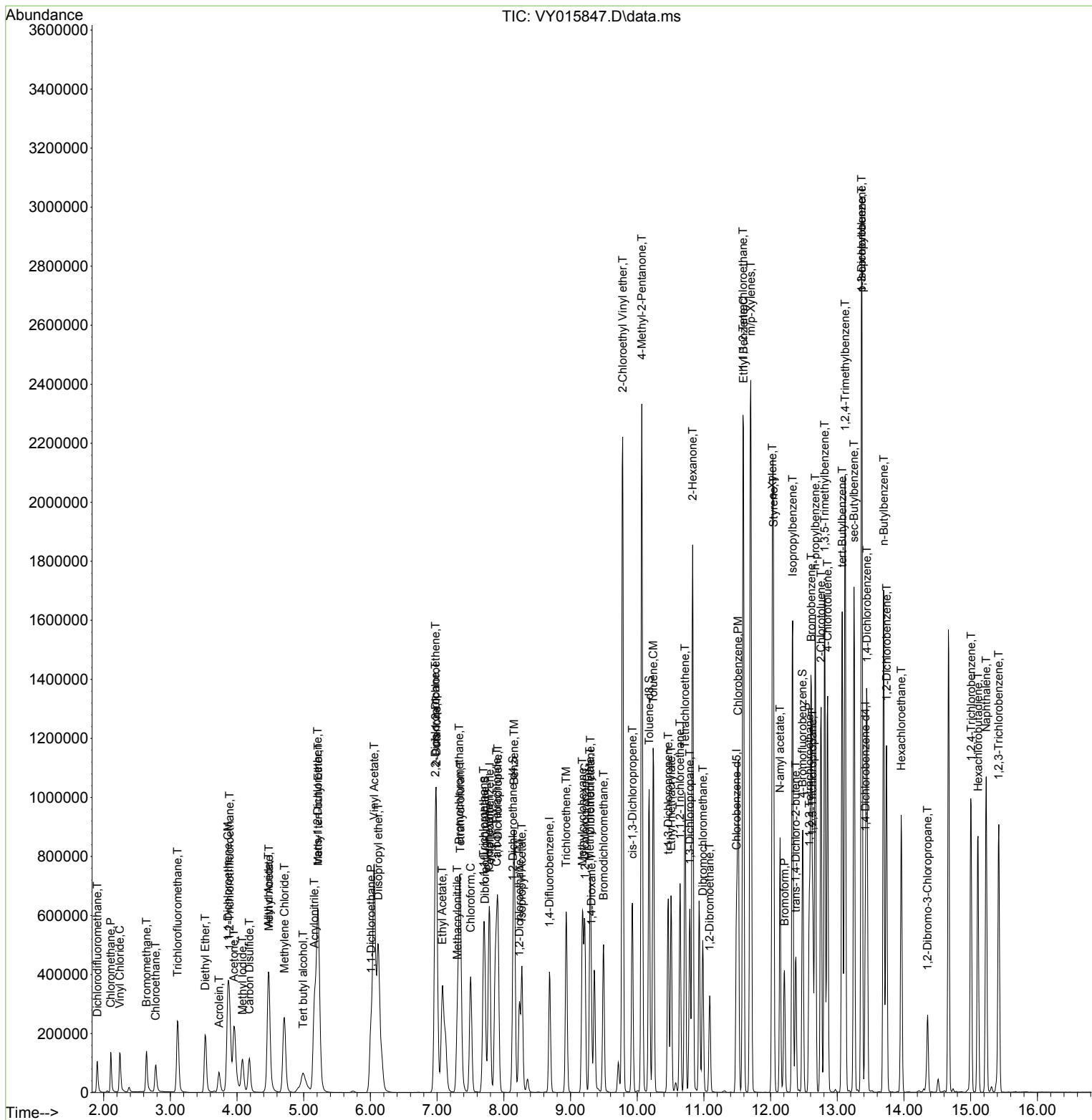
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

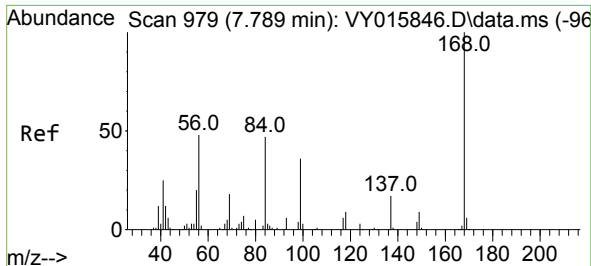
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Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:15:27 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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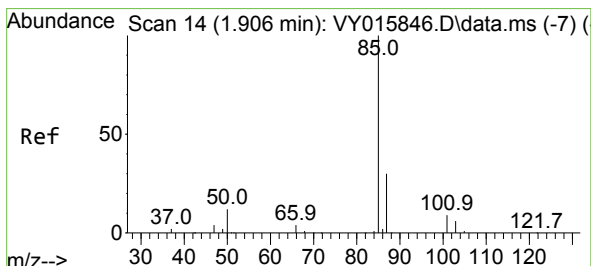
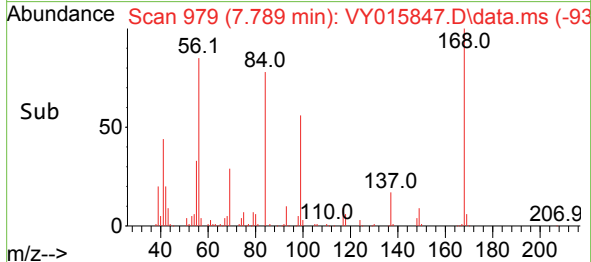
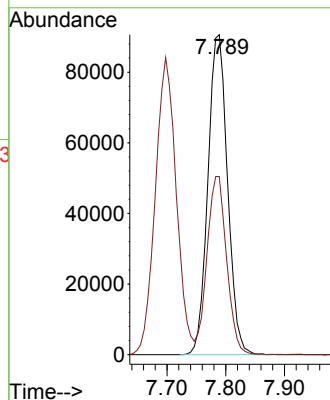
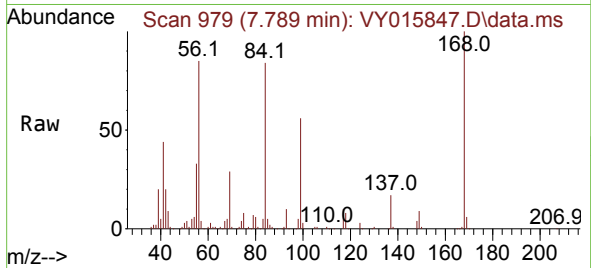




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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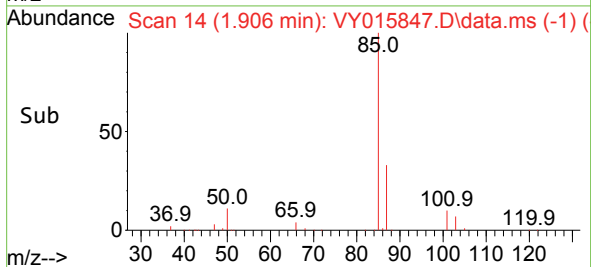
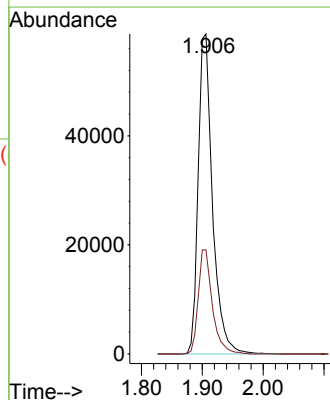
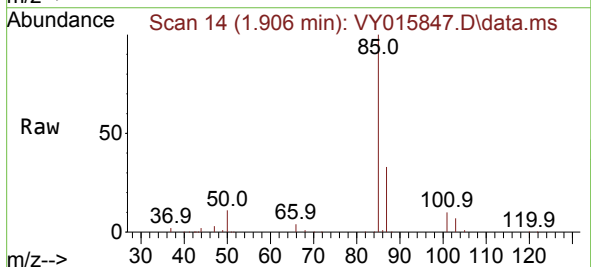
Instrument :
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ClientSampleId :
VSTDIC100

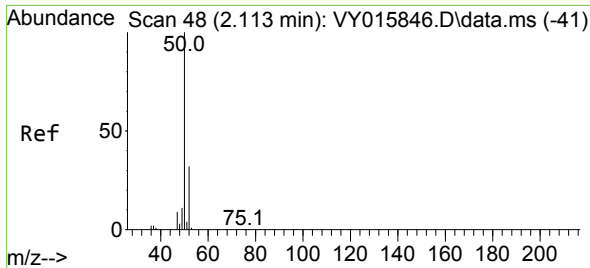
Tgt Ion:168 Resp: 210238
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 99.075 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 85 Resp: 95790
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

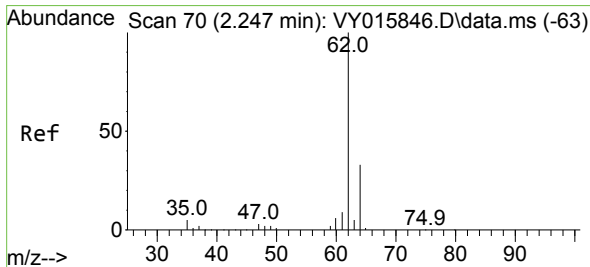
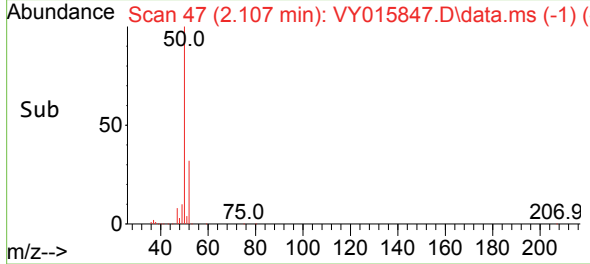
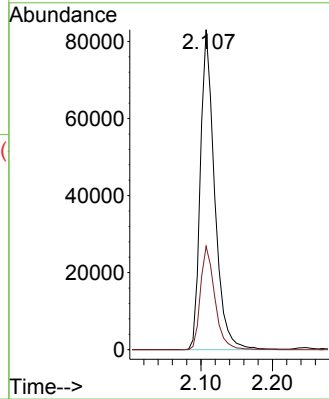
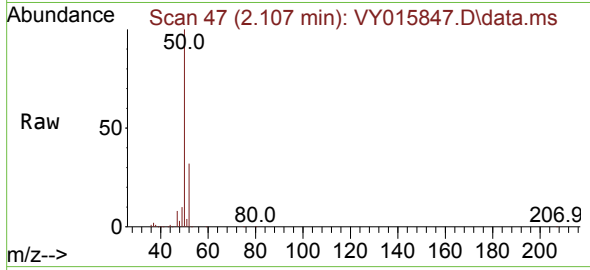




#3
Chloromethane
Concen: 106.735 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

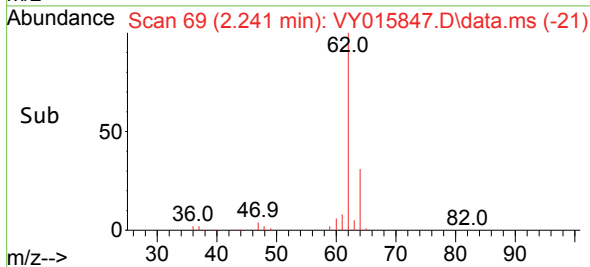
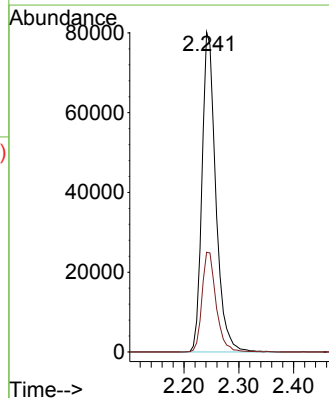
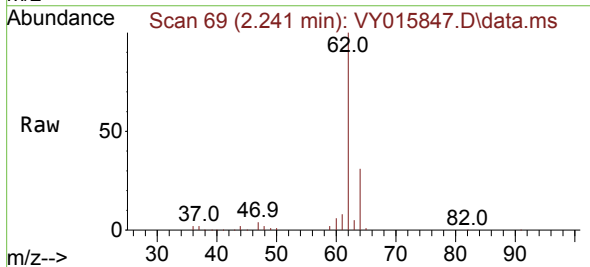
Instrument :
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ClientSampleId :
VSTDIC100

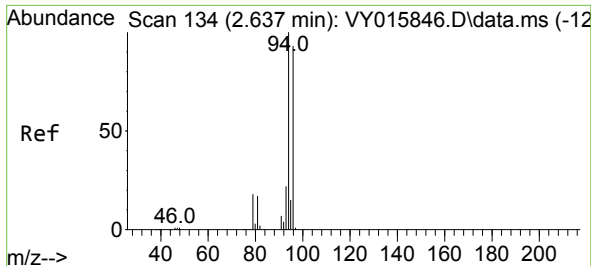
Tgt Ion: 50 Resp: 114683
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 103.531 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 62 Resp: 140108
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

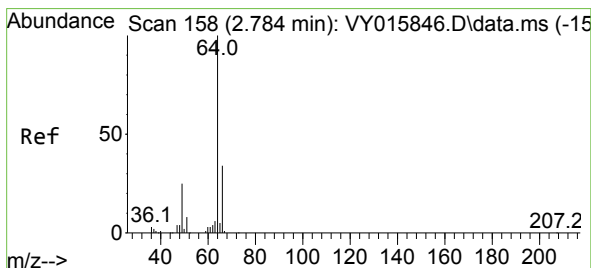
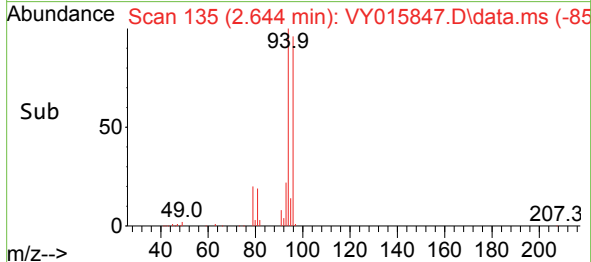
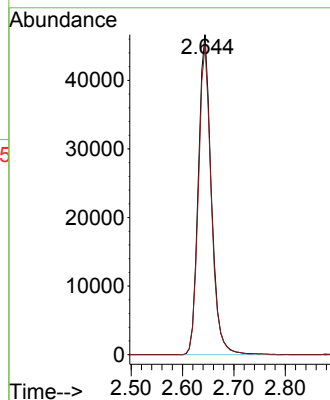
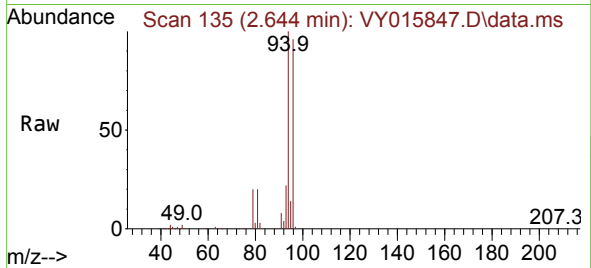




#5
Bromomethane
Concen: 96.493 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

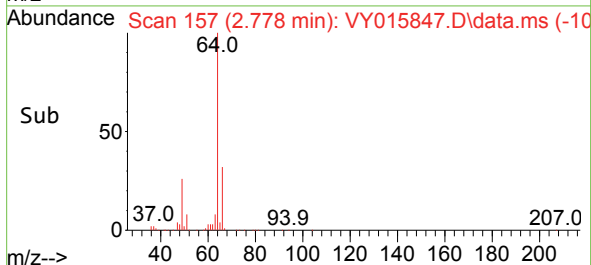
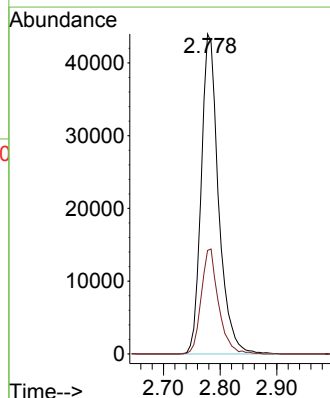
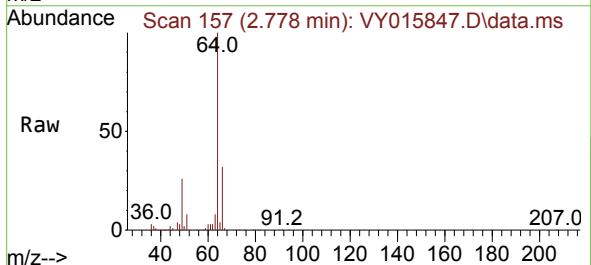
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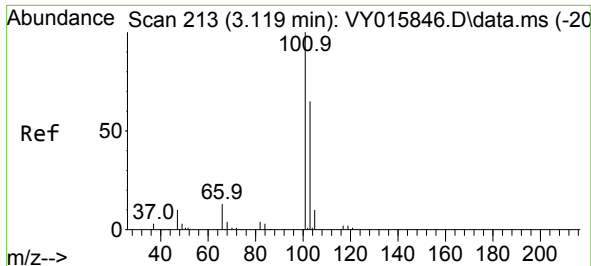
Tgt Ion: 94 Resp: 82266
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.6



#6
Chloroethane
Concen: 96.405 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 64 Resp: 93187
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

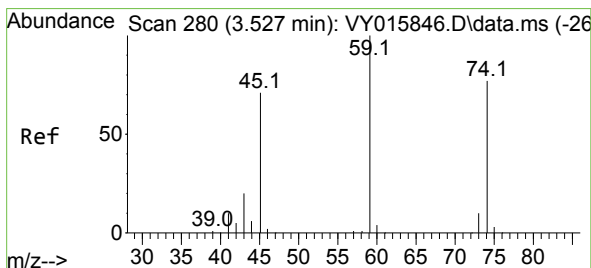
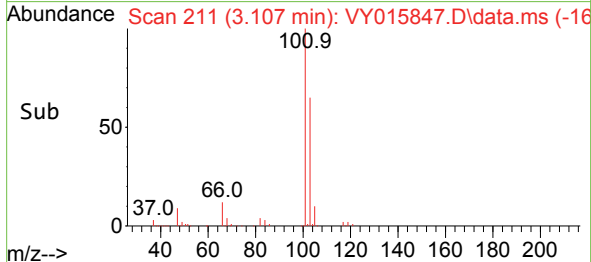
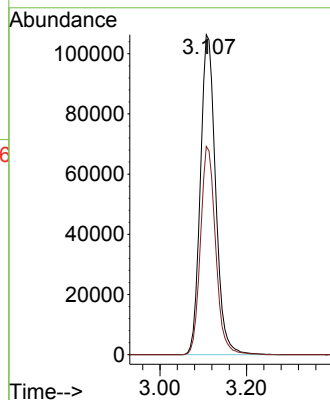
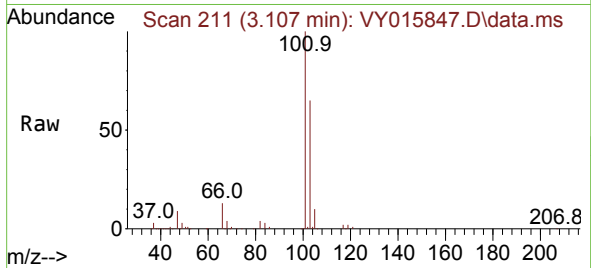




#7
 Trichlorofluoromethane
 Concen: 98.921 ug/l
 RT: 3.107 min Scan# 213
 Delta R.T. -0.012 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

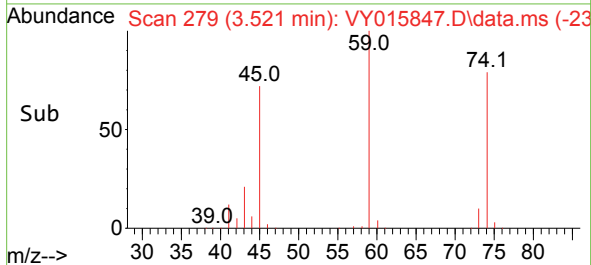
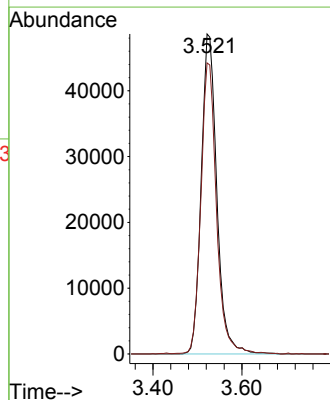
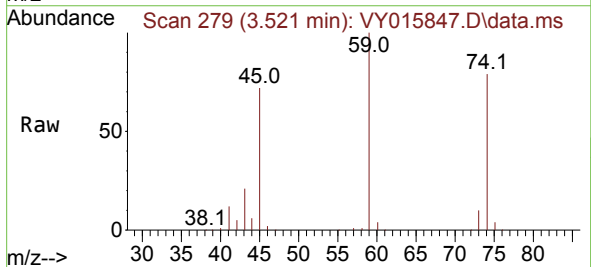
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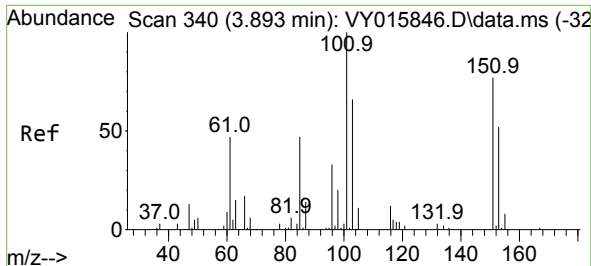
Tgt Ion:101 Resp: 259727
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 103.754 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

Tgt Ion: 74 Resp: 118769
 Ion Ratio Lower Upper
 74 100
 45 91.6 51.5 154.5

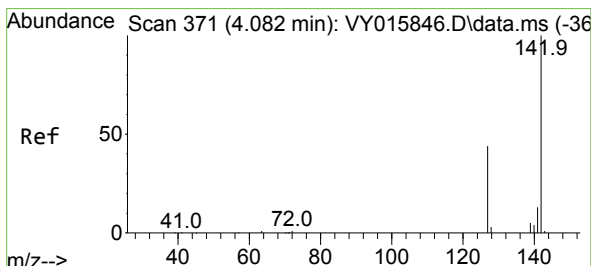
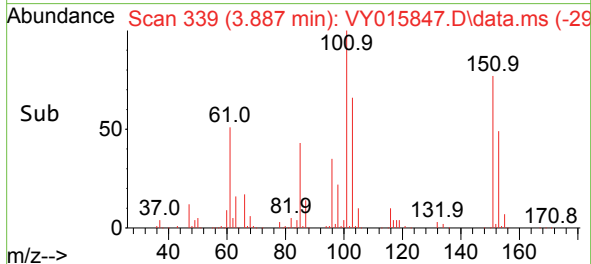
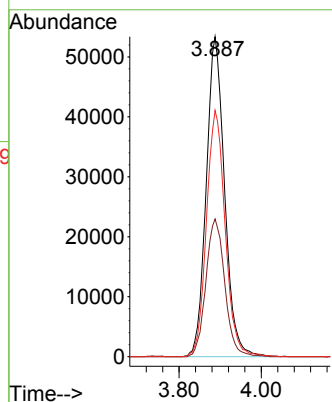
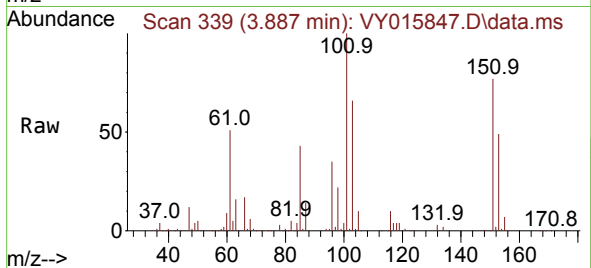




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.730 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

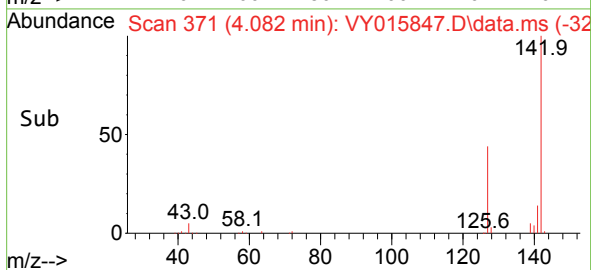
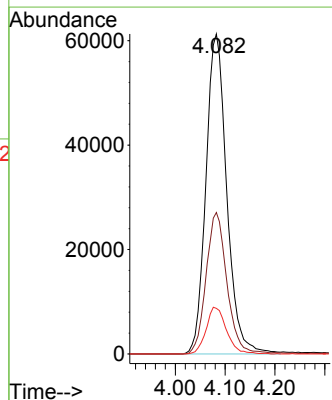
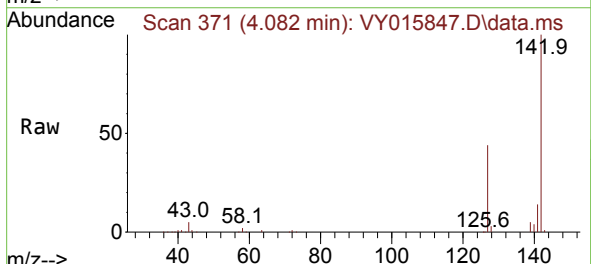
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

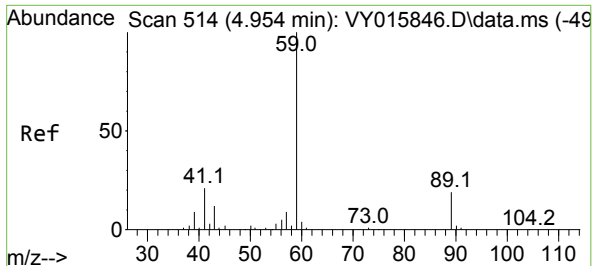
Tgt Ion:101 Resp: 165543
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 100.171 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion:142 Resp: 177944
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.3 11.8 17.8

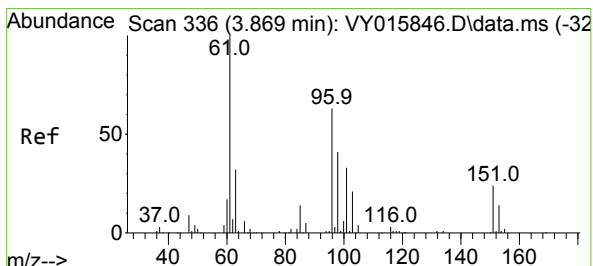
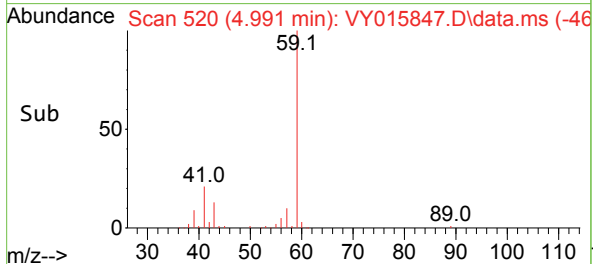
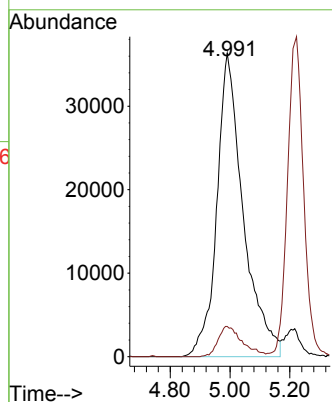
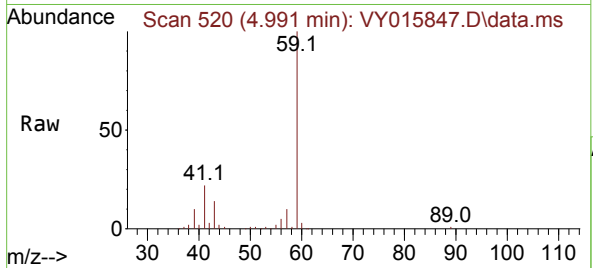




#11
Tert butyl alcohol
Concen: 491.427 ug/l
RT: 4.991 min Scan# 514
Delta R.T. 0.037 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

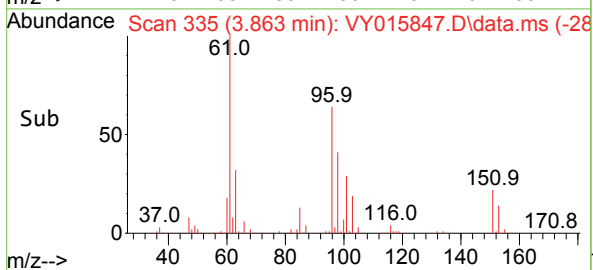
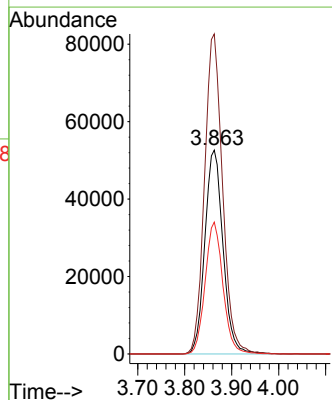
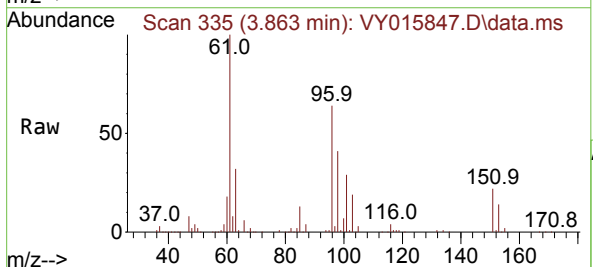
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

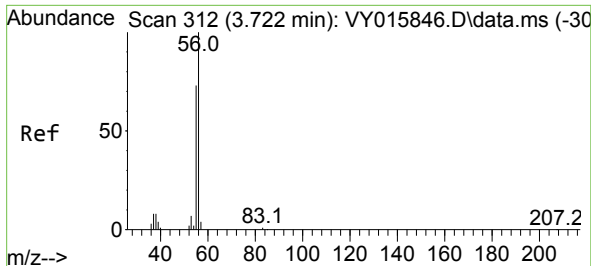
Tgt Ion: 59 Resp: 222453
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 103.041 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 96 Resp: 141027
Ion Ratio Lower Upper
96 100
61 156.9 136.4 204.6
98 64.7 49.4 74.2

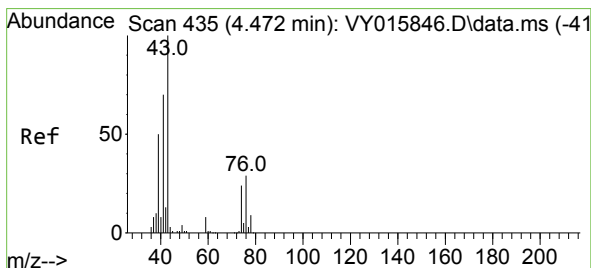
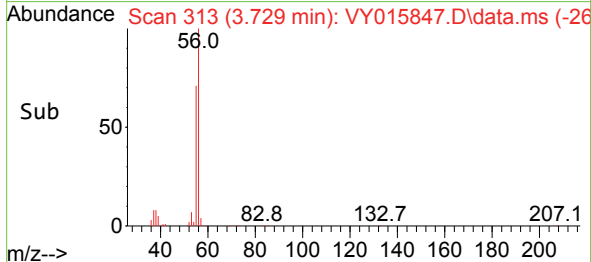
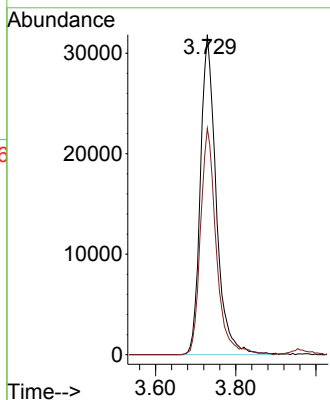
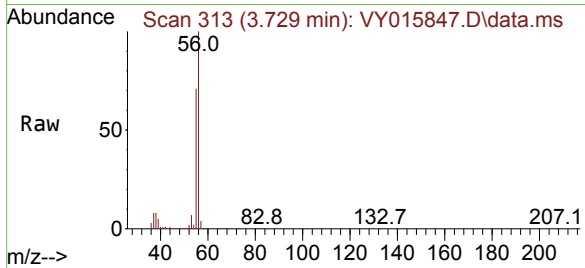




#13
Acrolein
Concen: 543.594 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

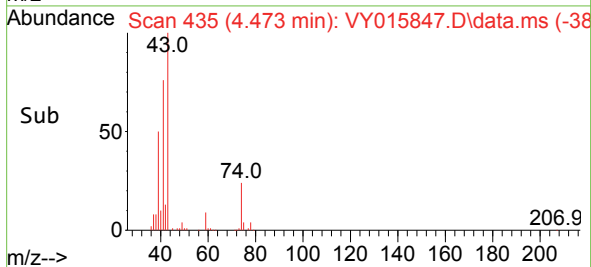
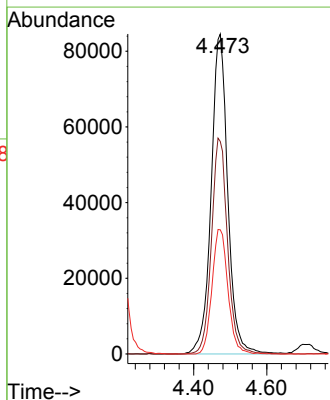
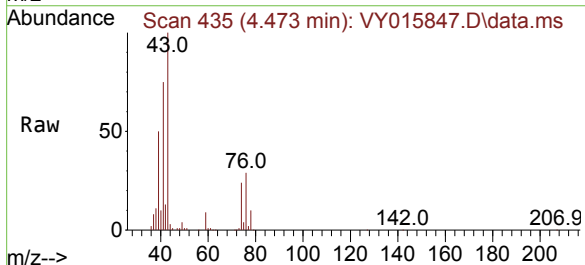
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

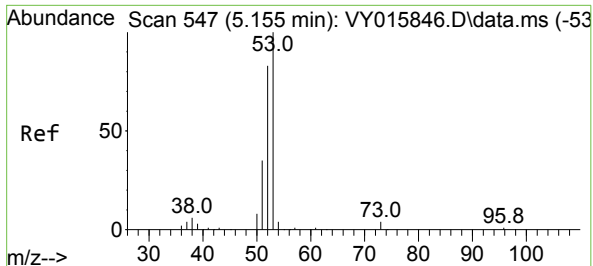
Tgt Ion: 56 Resp: 86744
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 103.377 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 41 Resp: 266746
Ion Ratio Lower Upper
41 100
39 65.2 58.0 87.0
76 37.2 27.4 41.2





#15

Acrylonitrile

Concen: 491.874 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

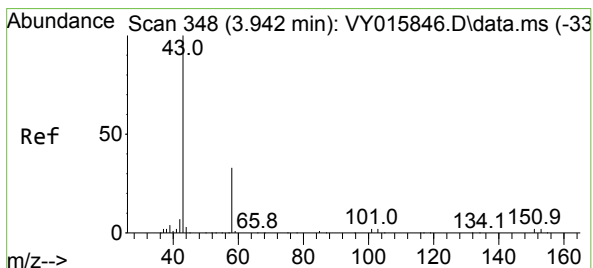
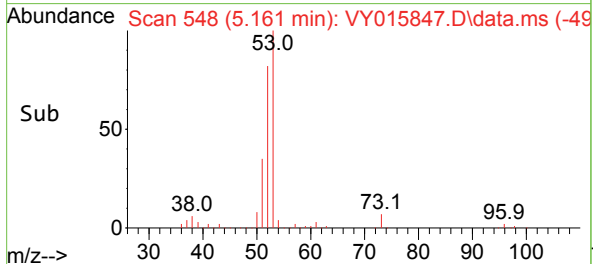
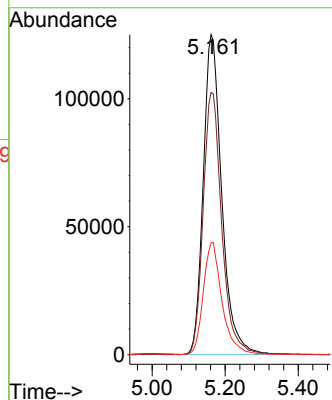
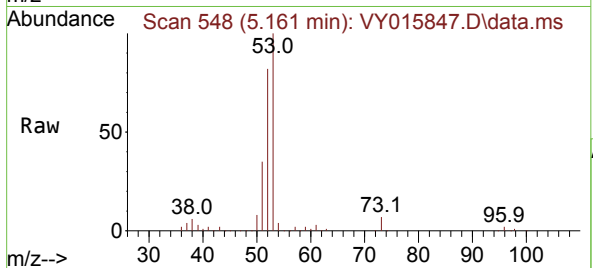
Tgt Ion: 53 Resp: 439219

Ion Ratio Lower Upper

53 100

52 82.6 66.9 100.3

51 35.5 29.8 44.6



#16

Acetone

Concen: 454.220 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015847.D

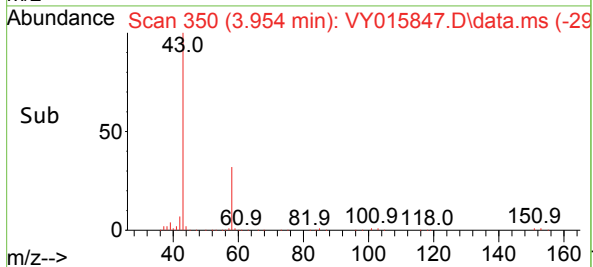
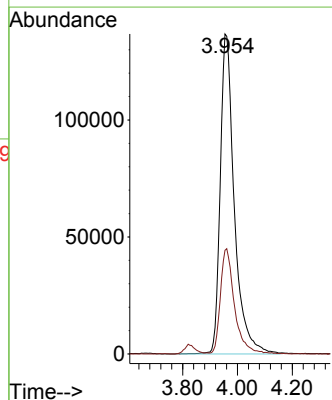
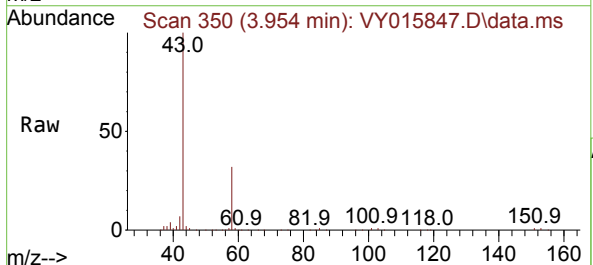
Acq: 05 Oct 2023 14:01

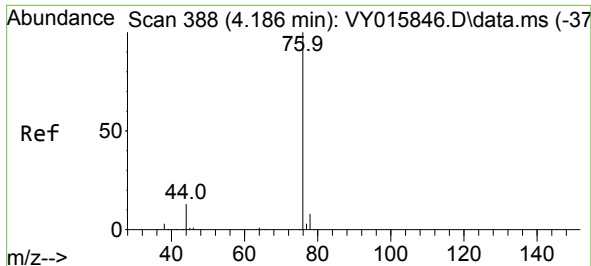
Tgt Ion: 43 Resp: 486749

Ion Ratio Lower Upper

43 100

58 32.3 22.7 34.1

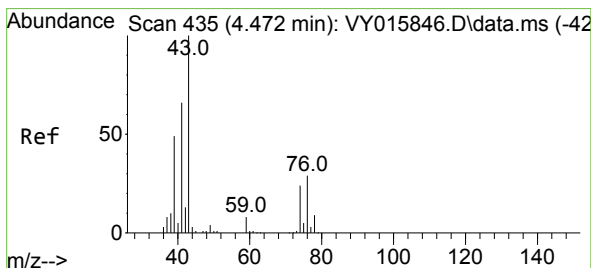
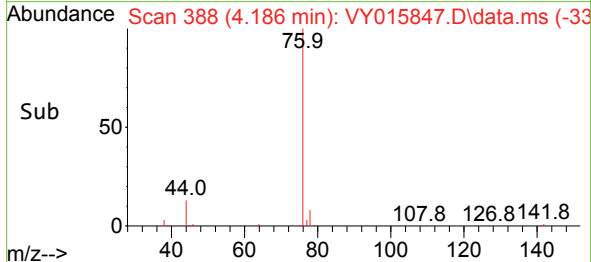
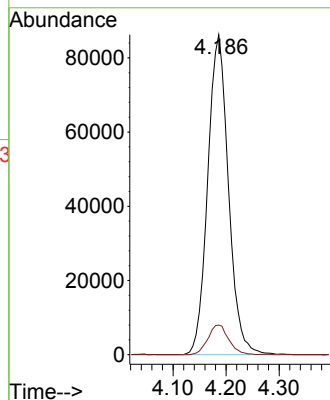
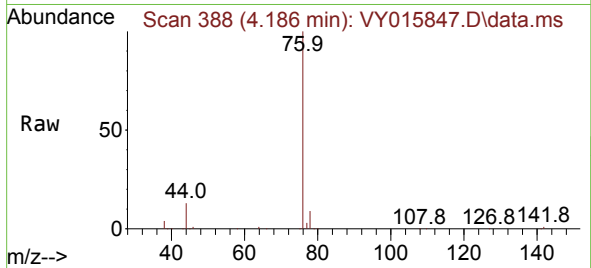




#17
Carbon Disulfide
Concen: 97.754 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

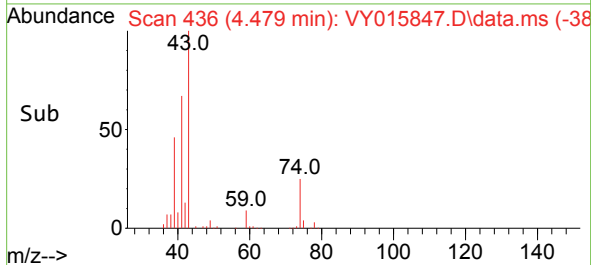
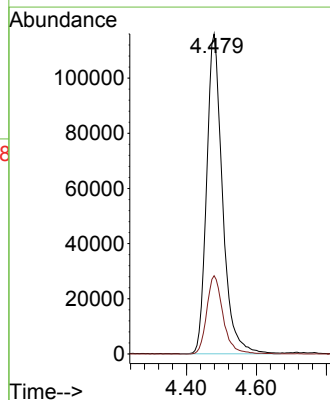
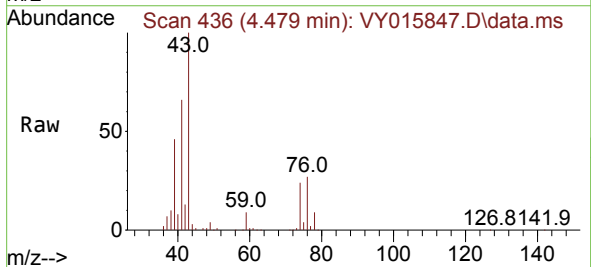
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

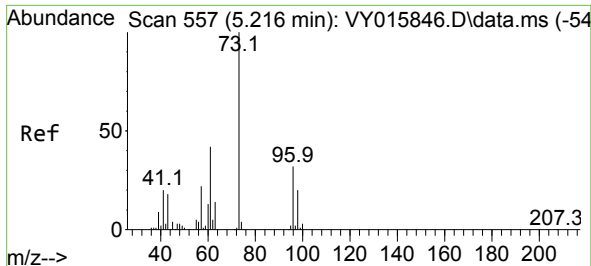
Tgt Ion: 76 Resp: 233932
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 104.528 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 43 Resp: 364556
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

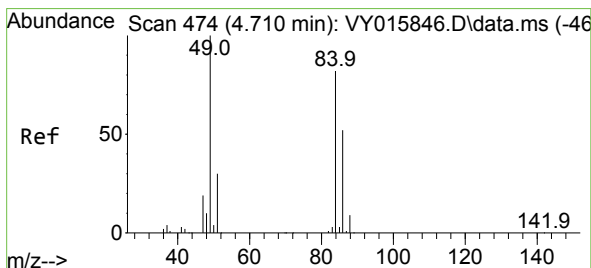
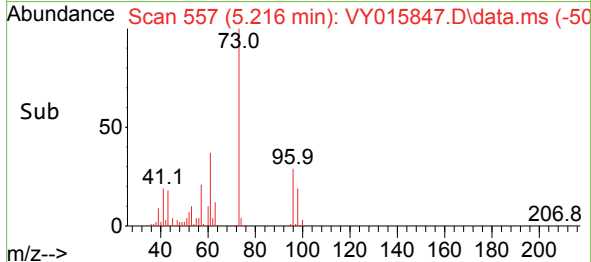
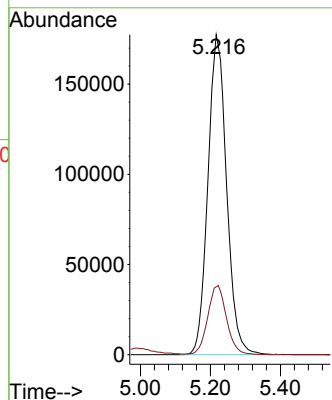
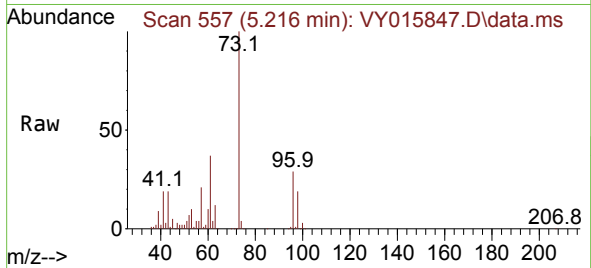




#19
Methyl tert-butyl Ether
Concen: 101.628 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

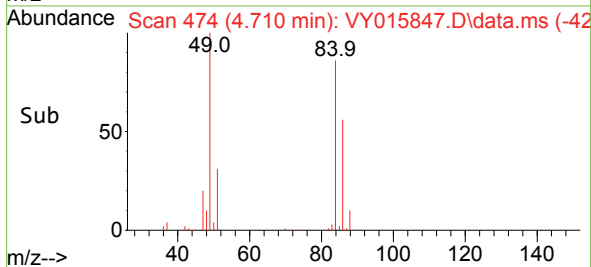
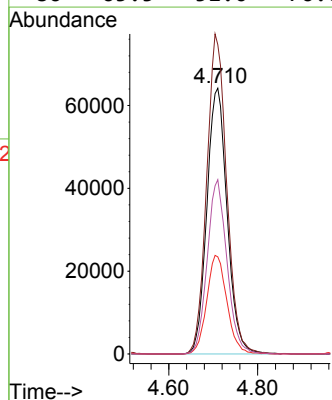
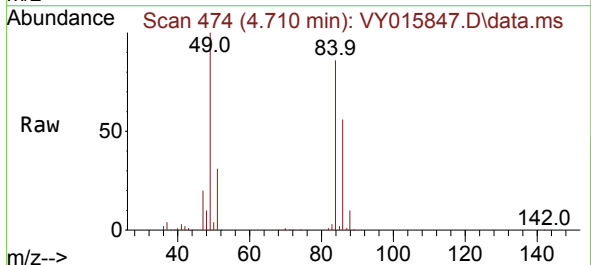
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

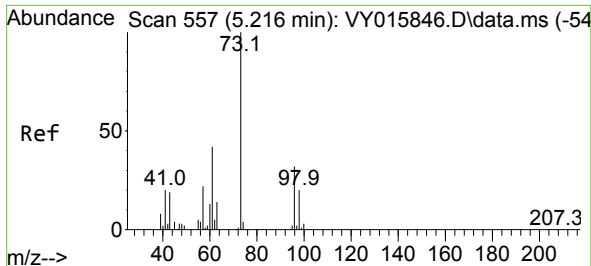
Tgt Ion: 73 Resp: 657439
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 95.380 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 84 Resp: 203942
Ion Ratio Lower Upper
84 100
49 116.4 106.9 160.3
51 36.5 33.2 49.8
86 65.5 51.0 76.6

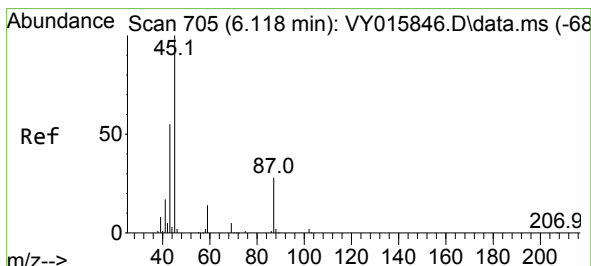
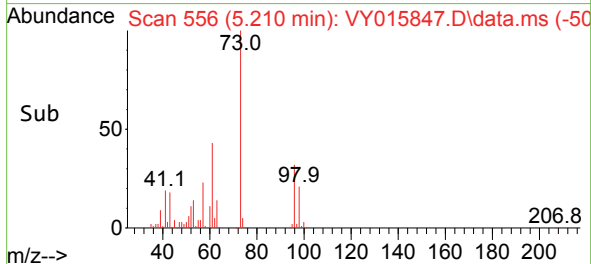
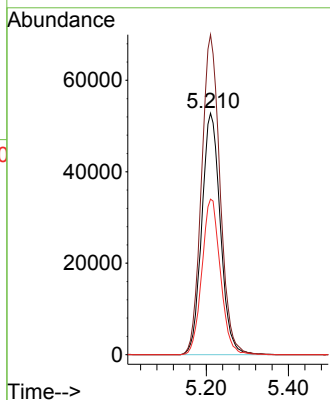
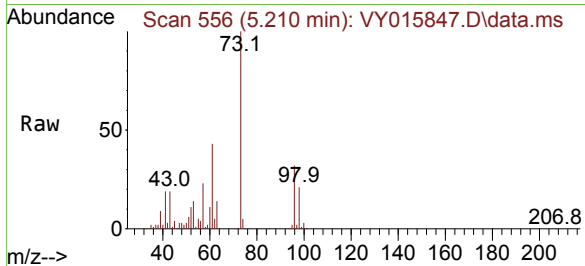




#21
trans-1,2-Dichloroethene
Concen: 105.014 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

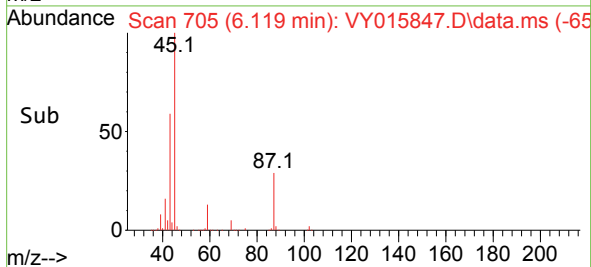
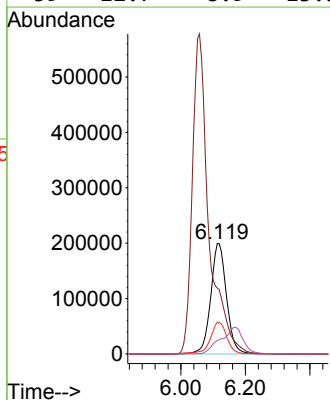
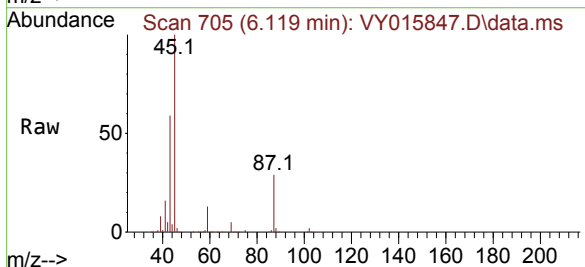
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

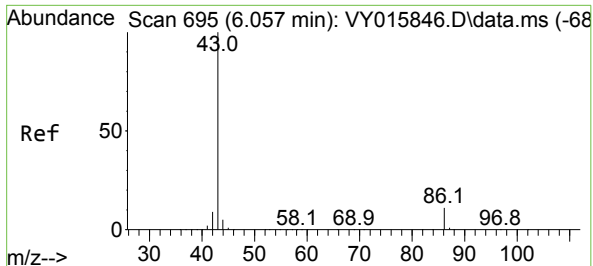
Tgt Ion: 96 Resp: 165558
Ion Ratio Lower Upper
96 100
61 132.5 110.2 165.4
98 64.4 51.8 77.6



#22
Diisopropyl ether
Concen: 100.802 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 45 Resp: 675403
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 28.6 21.0 31.6
59 12.7 8.9 13.3





#23

Vinyl Acetate

Concen: 507.631 ug/l

RT: 6.058 min Scan# 61

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

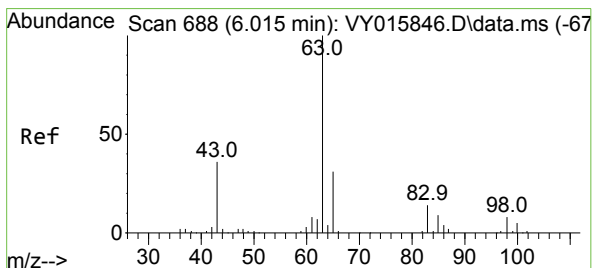
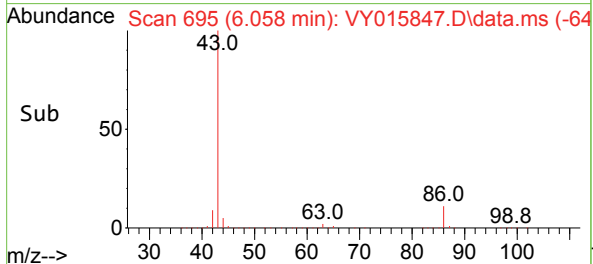
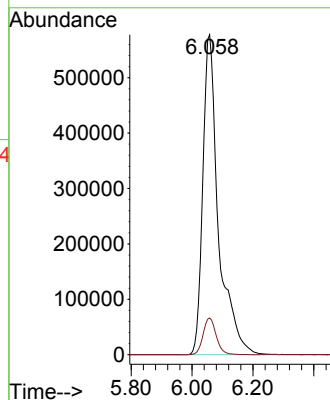
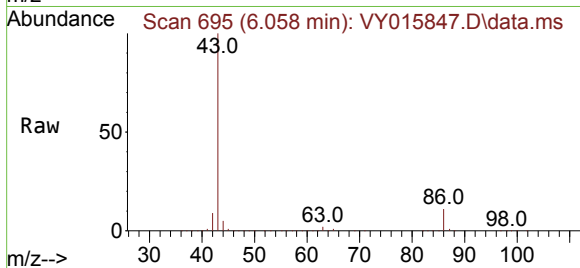
VSTDIC100

Tgt Ion: 43 Resp: 2058658

Ion Ratio Lower Upper

43 100

86 11.5 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 99.750 ug/l

RT: 6.009 min Scan# 687

Delta R.T. -0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

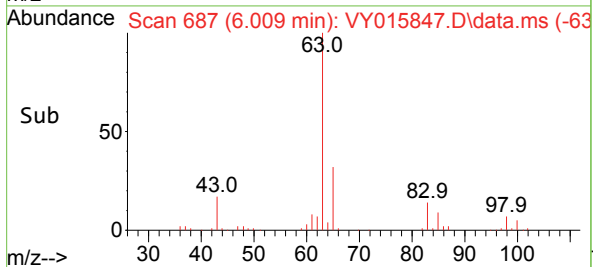
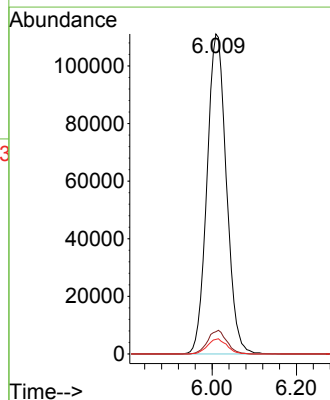
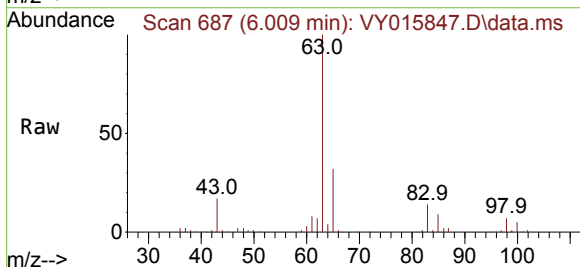
Tgt Ion: 63 Resp: 354911

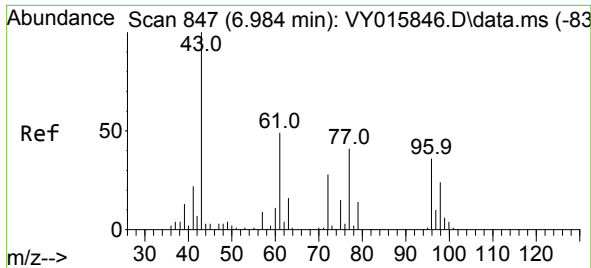
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.5 1.8 5.5

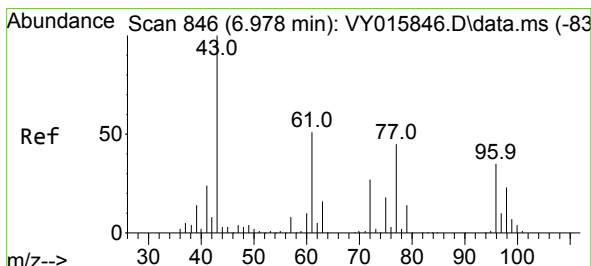
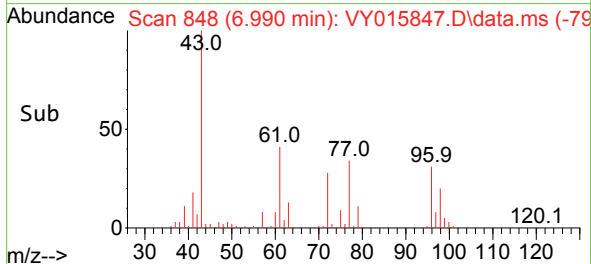
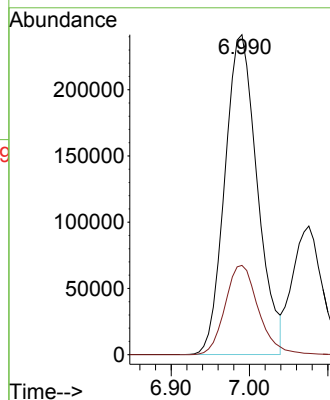
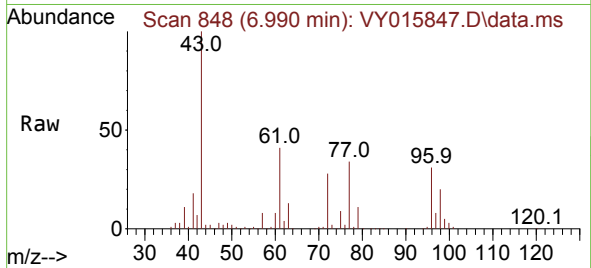




#25
2-Butanone
Concen: 472.821 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

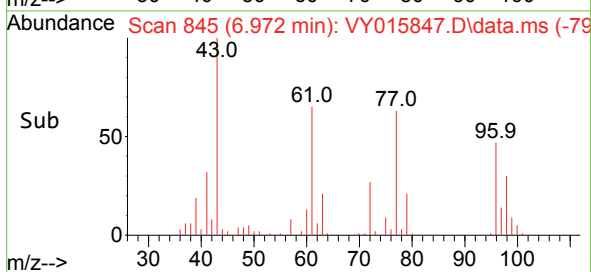
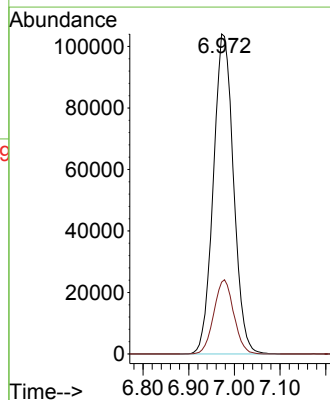
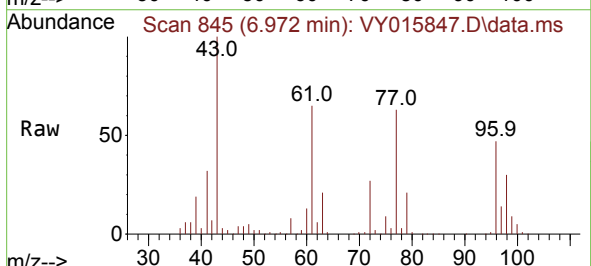
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

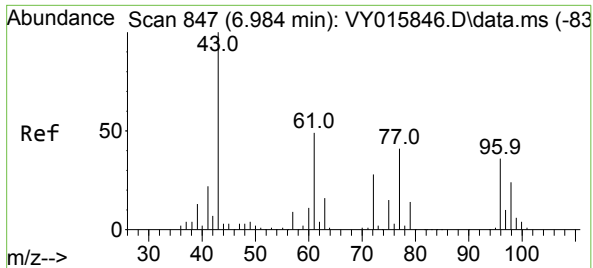
Tgt Ion: 43 Resp: 696964
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 96.460 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 77 Resp: 318931
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9

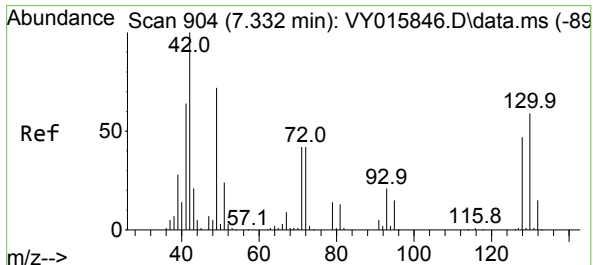
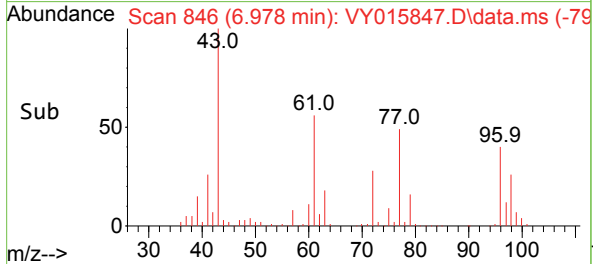
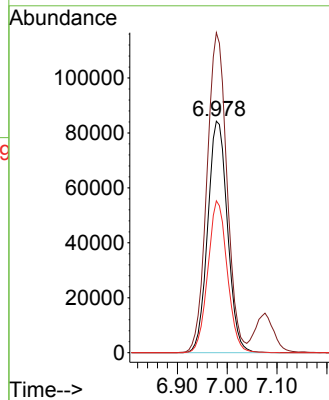
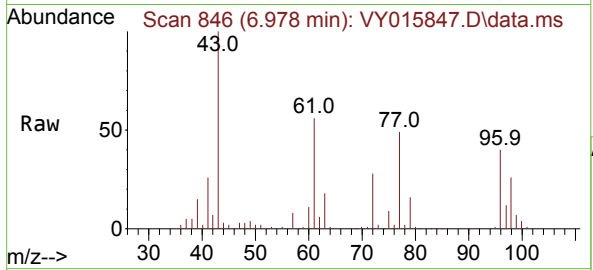




#27
 cis-1,2-Dichloroethene
 Concen: 101.791 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

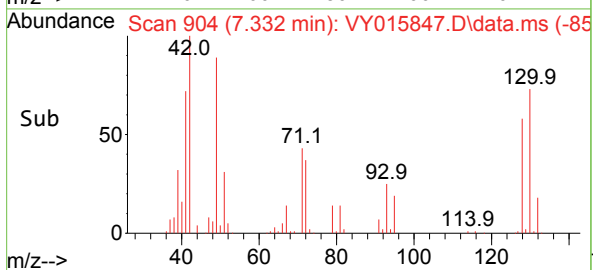
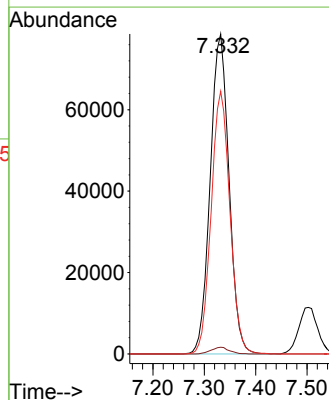
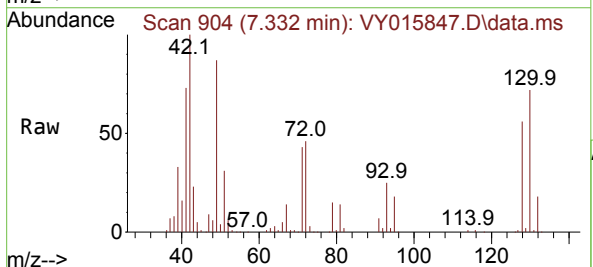
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

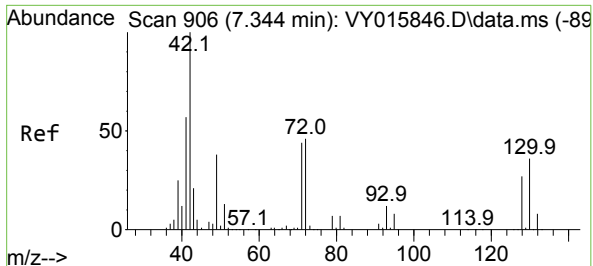
Tgt Ion: 96 Resp: 231977
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 95.899 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

Tgt Ion: 49 Resp: 199542
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 509.116 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

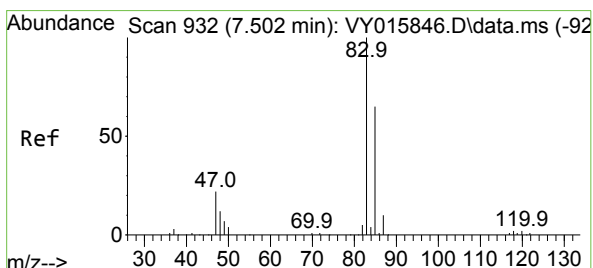
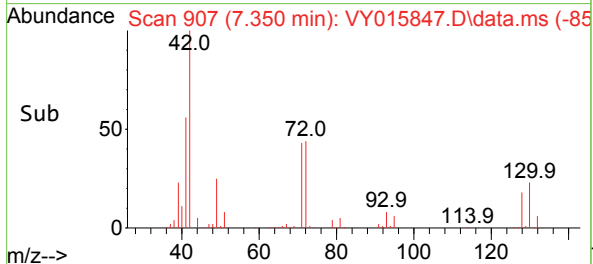
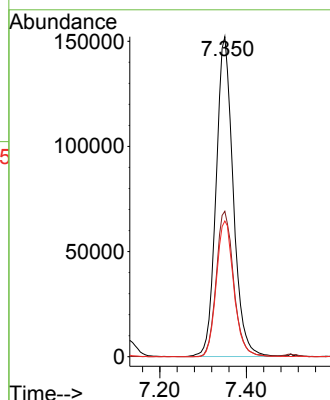
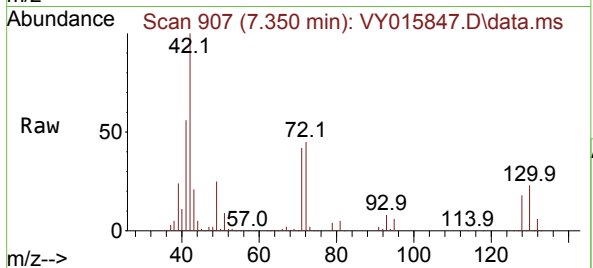
Tgt Ion: 42 Resp: 418749

Ion Ratio Lower Upper

42 100

72 46.3 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 98.664 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015847.D

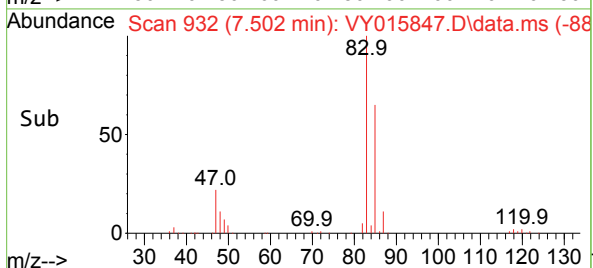
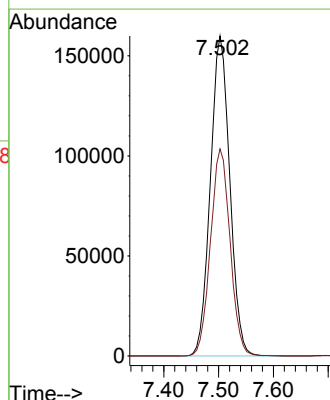
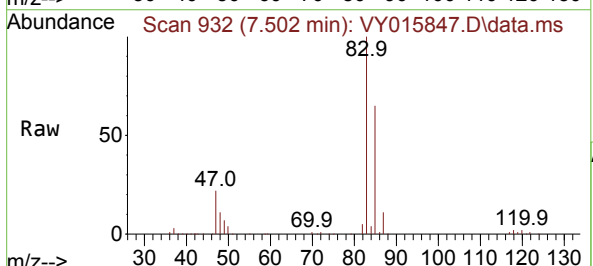
Acq: 05 Oct 2023 14:01

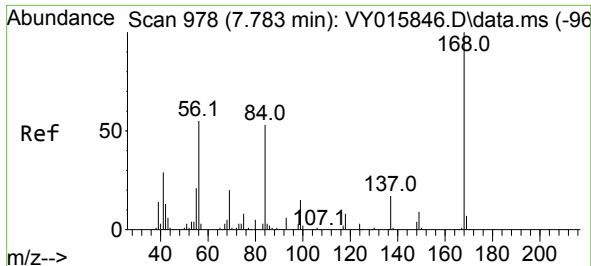
Tgt Ion: 83 Resp: 392703

Ion Ratio Lower Upper

83 100

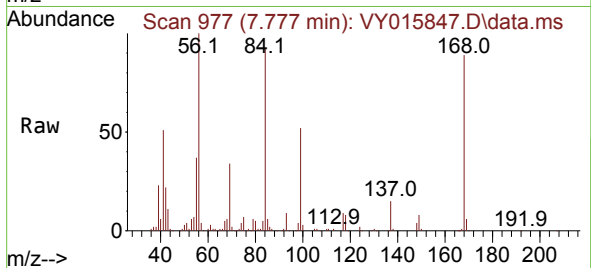
85 64.7 49.7 74.5



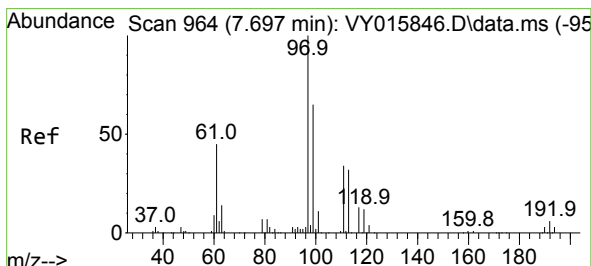
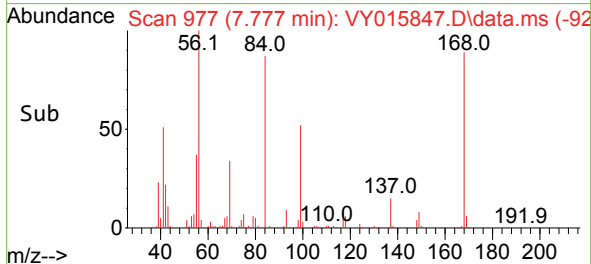
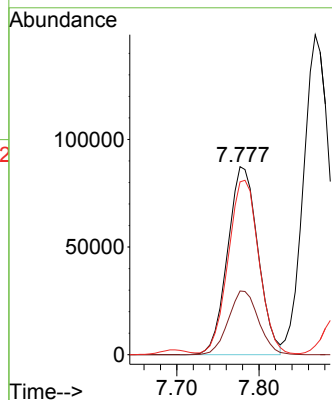


#31
Cyclohexane
Concen: 96.415 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

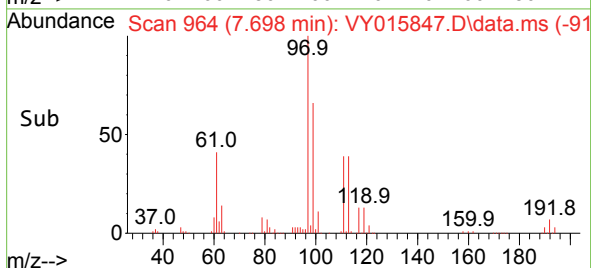
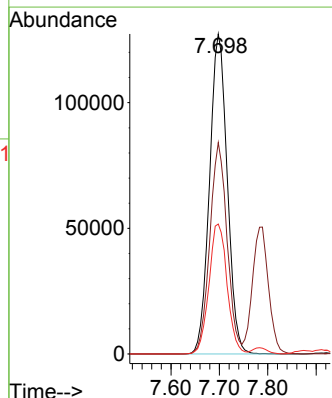
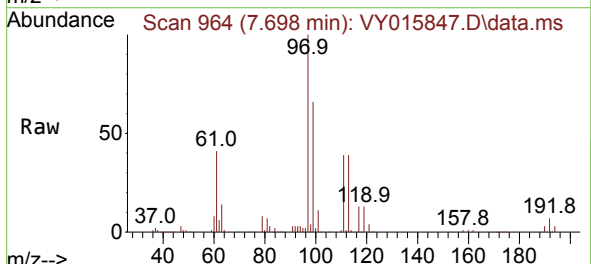


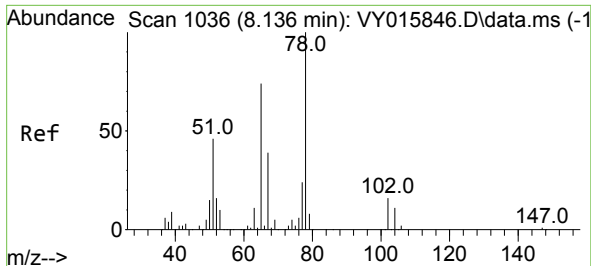
Tgt Ion: 56 Resp: 224788
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 89.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 99.518 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 97 Resp: 323814
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.7 35.1 52.7

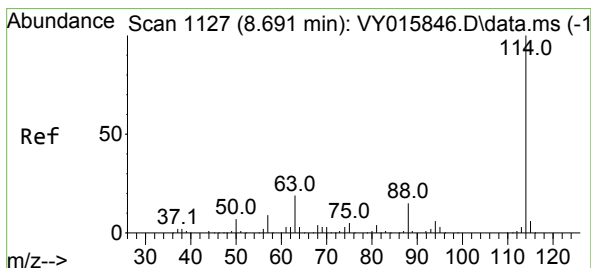
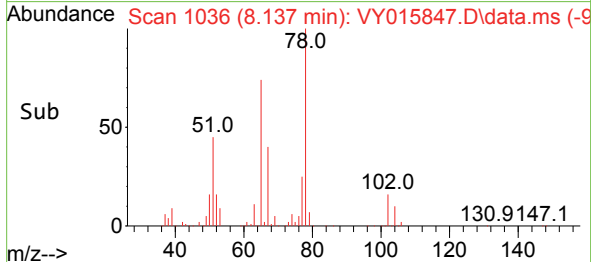
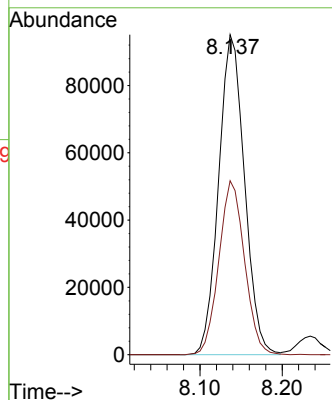
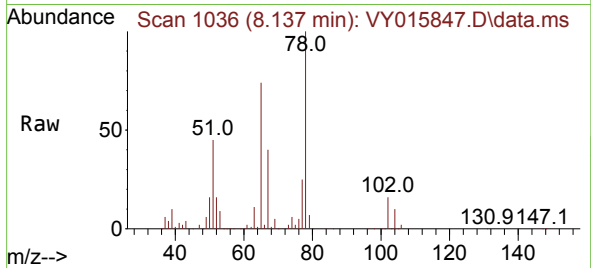




#33
1,2-Dichloroethane-d4
Concen: 100.618 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

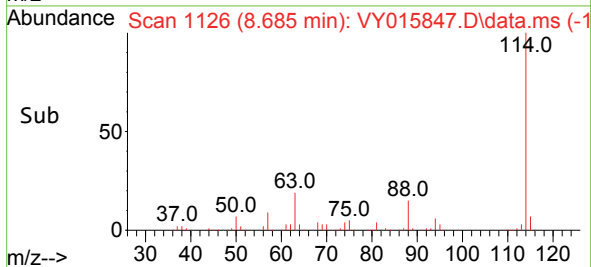
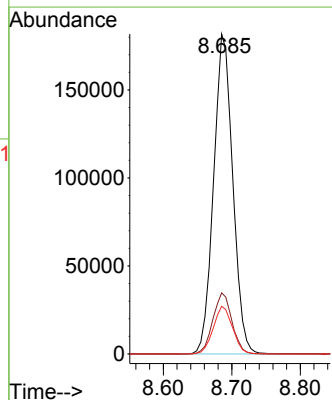
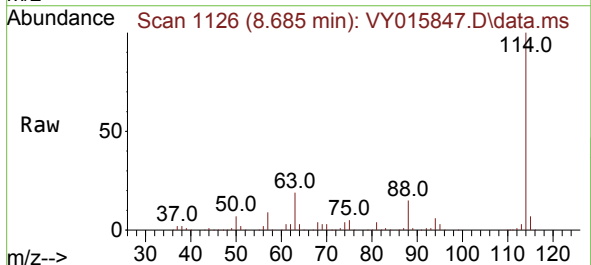
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

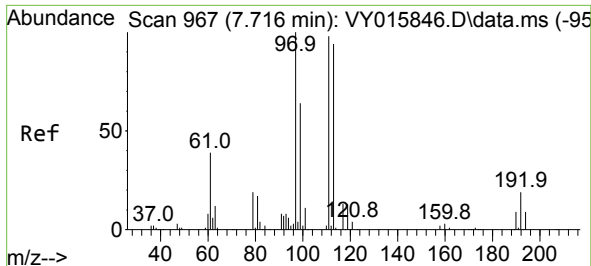
Tgt Ion: 65 Resp: 208118
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 114 Resp: 352809
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.9 0.0 30.6

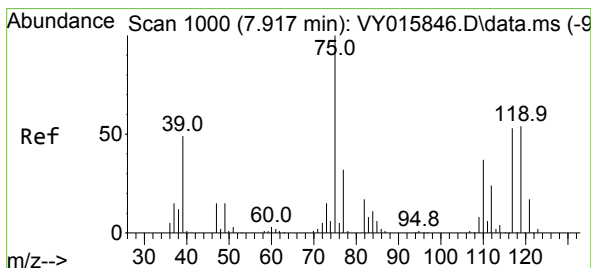
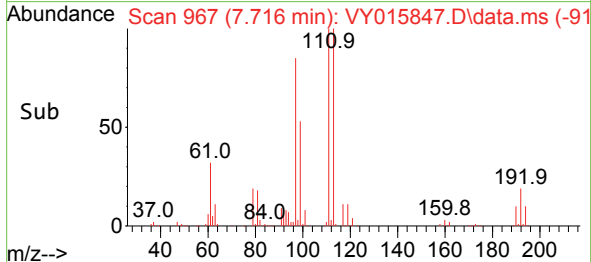
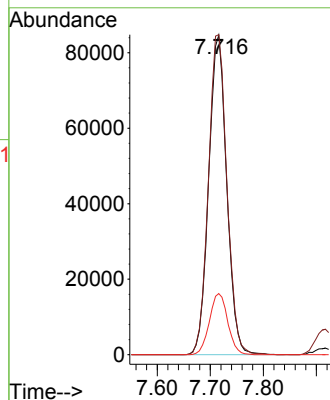
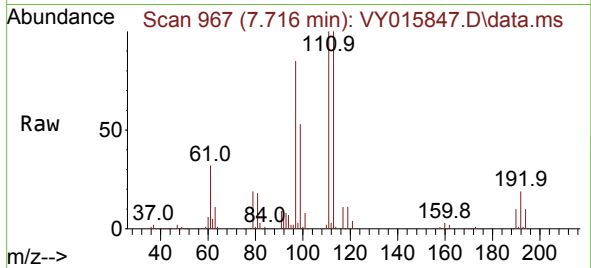




#35
Dibromofluoromethane
Concen: 99.251 ug/l
RT: 7.716 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

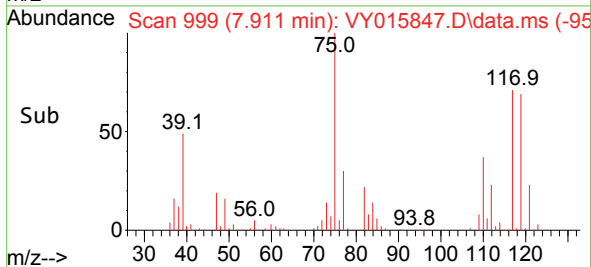
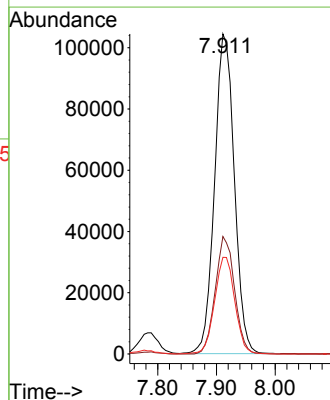
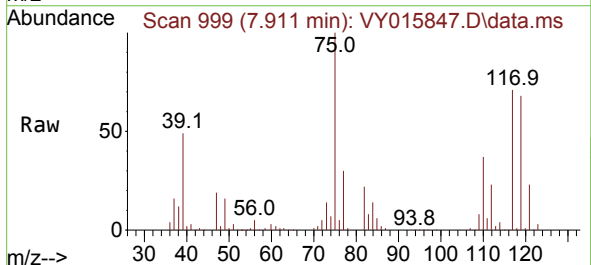
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

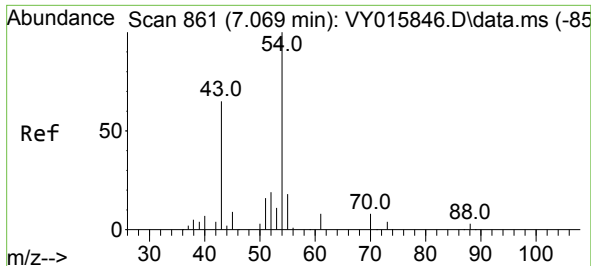
Tgt Ion:113 Resp: 199596
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 101.623 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 75 Resp: 243813
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 99.100 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

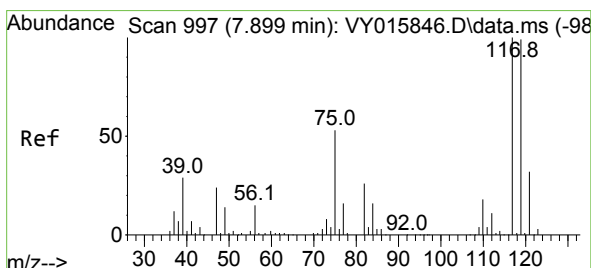
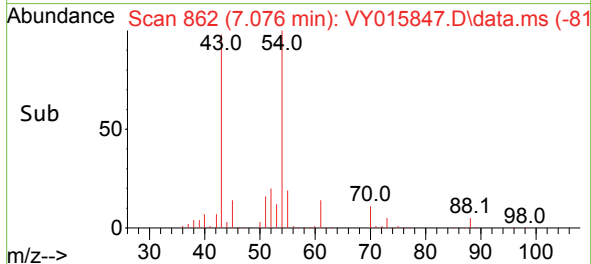
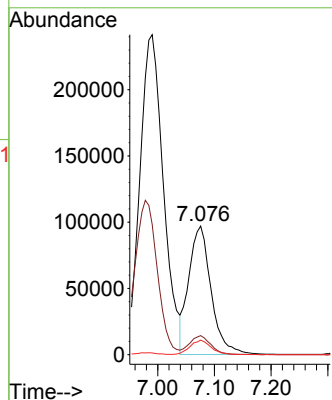
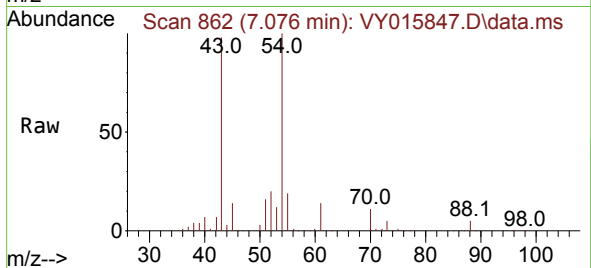
Tgt Ion: 43 Resp: 266072

Ion Ratio Lower Upper

43 100

61 14.3 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 98.848 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

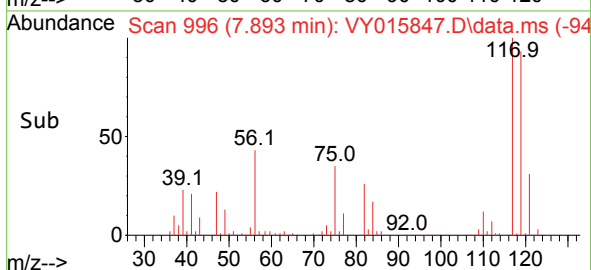
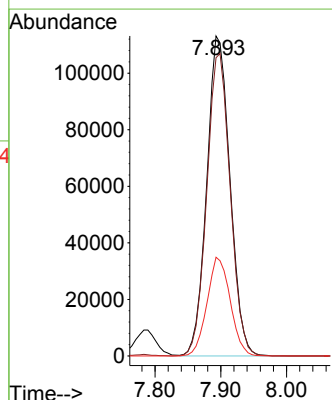
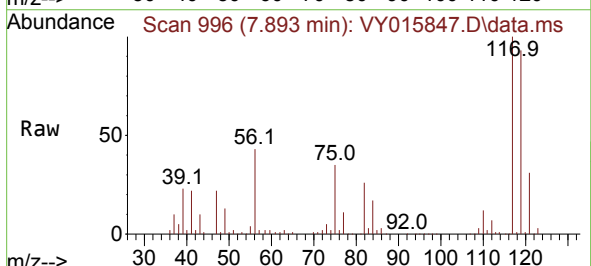
Tgt Ion: 117 Resp: 278853

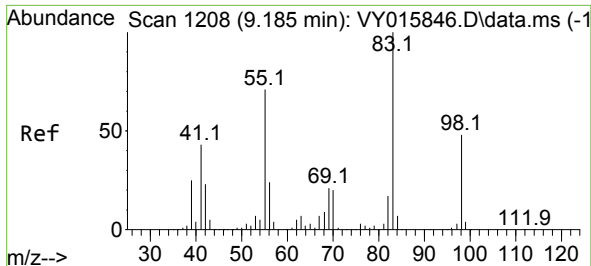
Ion Ratio Lower Upper

117 100

119 93.1 76.4 114.6

121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 103.733 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

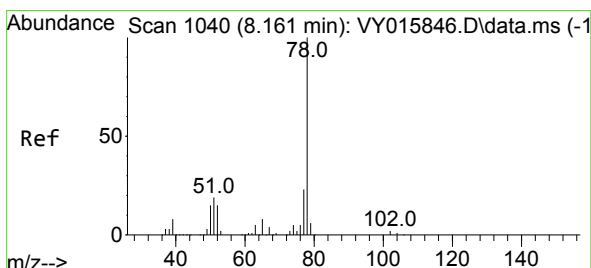
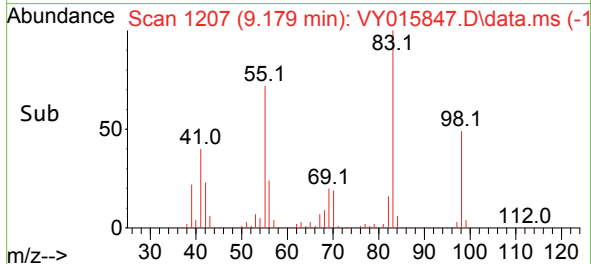
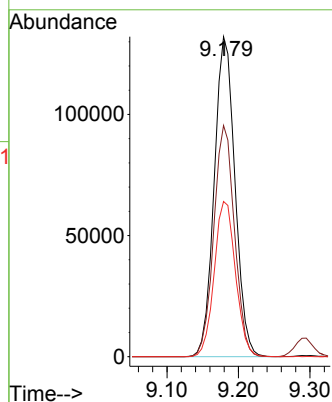
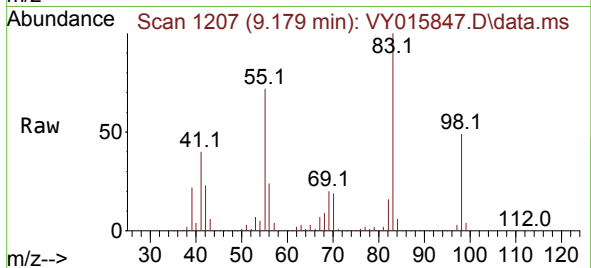
Tgt Ion: 83 Resp: 266168

Ion Ratio Lower Upper

83 100

55 72.2 63.0 94.4

98 48.5 37.4 56.2



#40

Benzene

Concen: 101.492 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY015847.D

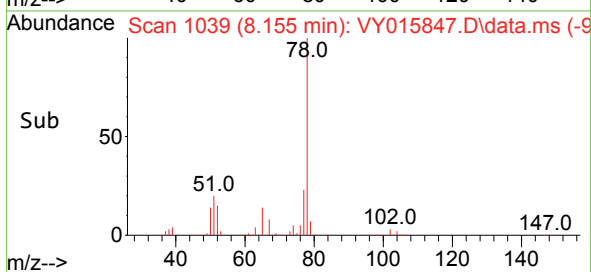
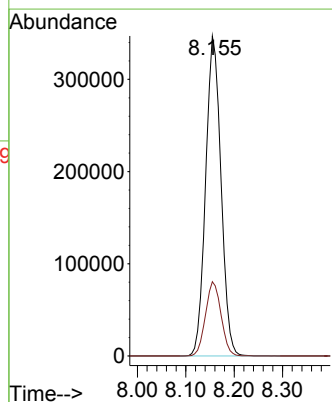
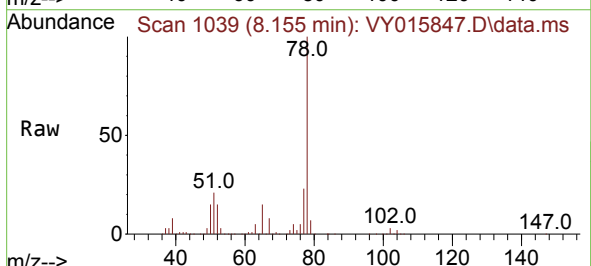
Acq: 05 Oct 2023 14:01

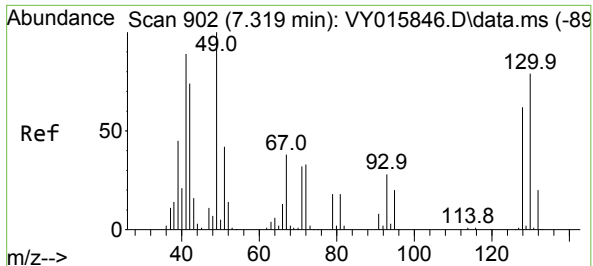
Tgt Ion: 78 Resp: 764077

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



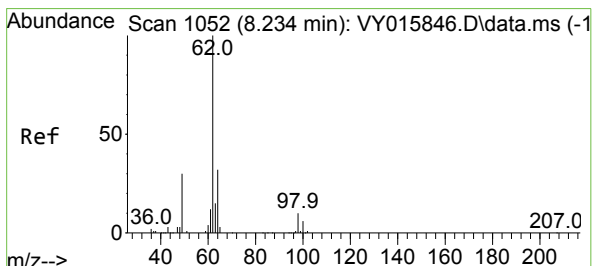
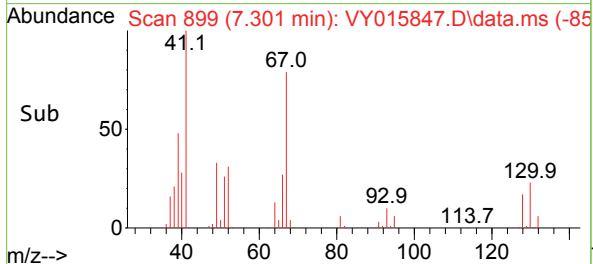
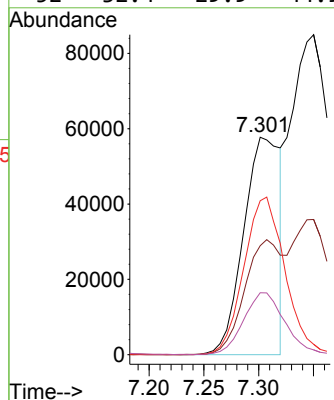
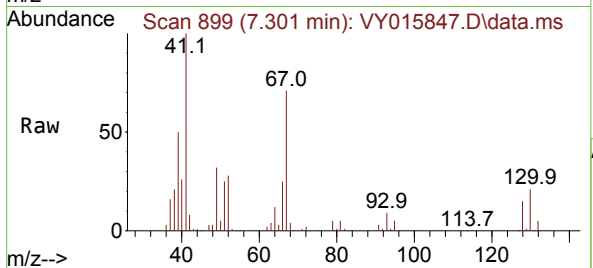


#41
Methacrylonitrile
Concen: 106.837 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.018 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 134060

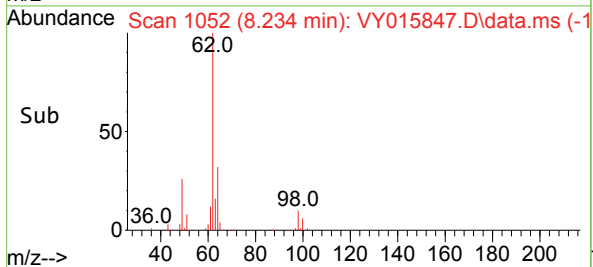
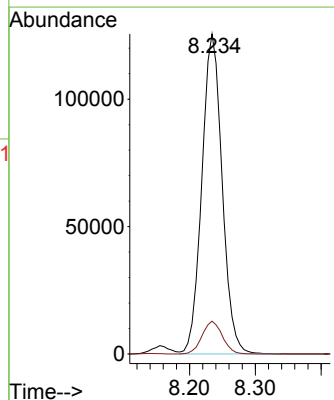
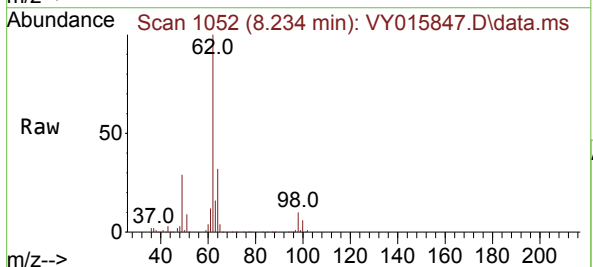
Ion	Ratio	Lower	Upper
41	100		
39	58.1	52.1	78.1
67	81.9	66.2	99.2
52	32.4	29.9	44.9

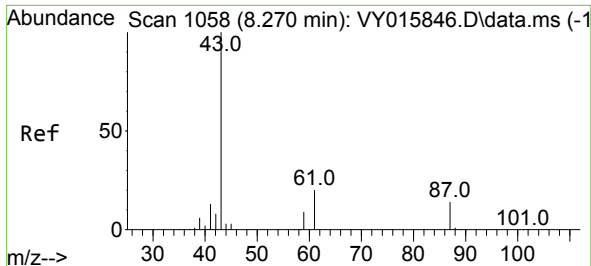


#42
1,2-Dichloroethane
Concen: 99.493 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 62 Resp: 269691

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	15.8

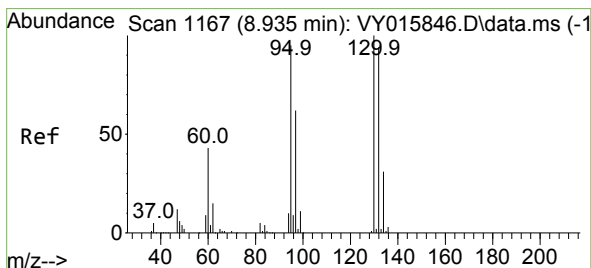
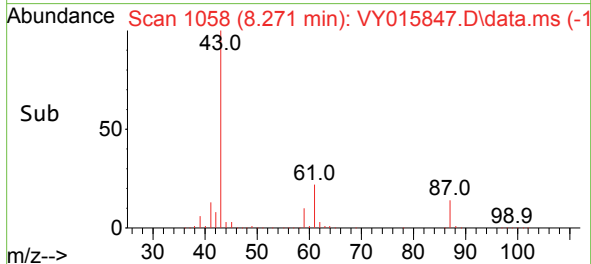
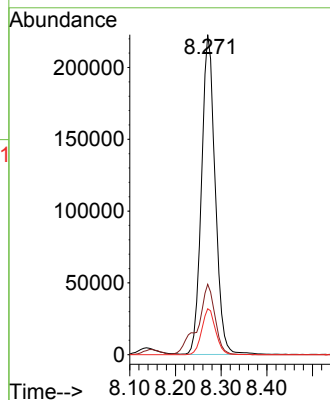
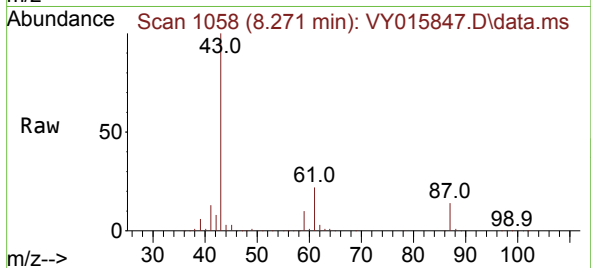




#43
Isopropyl Acetate
Concen: 100.191 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

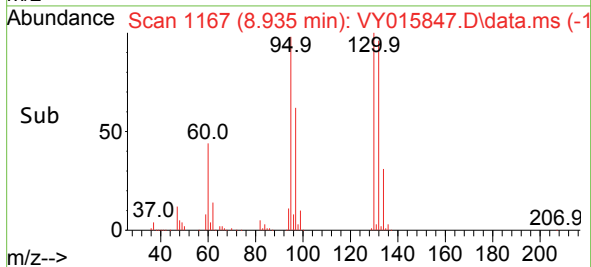
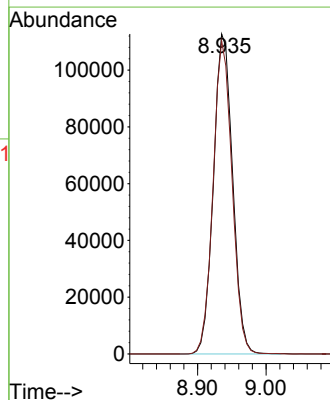
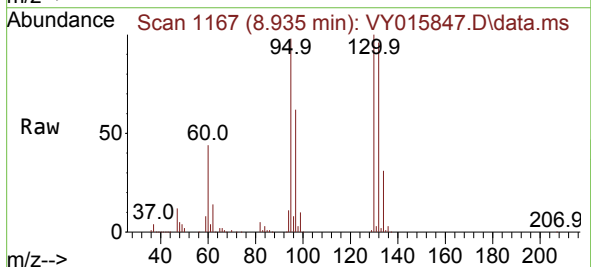
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

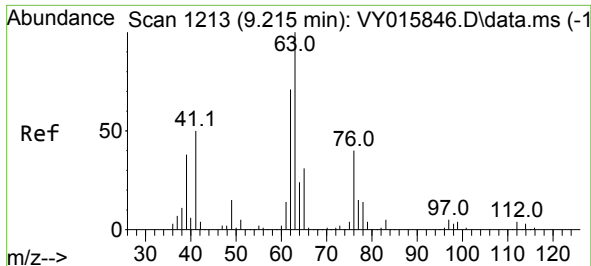
Tgt Ion: 43 Resp: 463005
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 99.408 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion:130 Resp: 219024
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.0

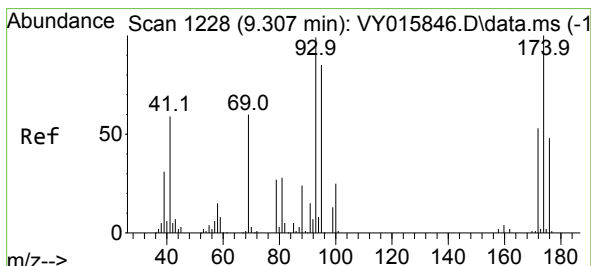
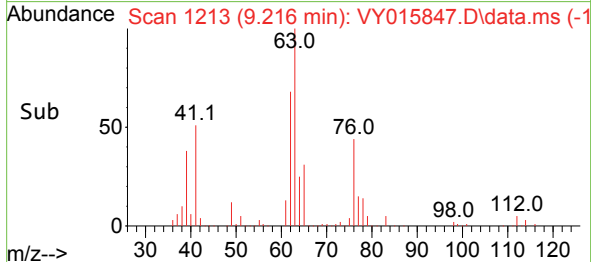
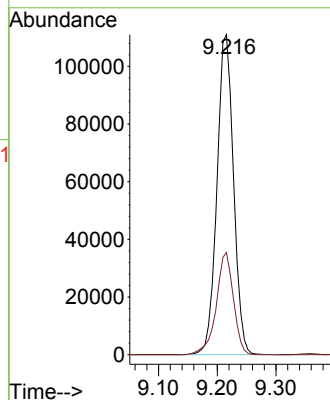
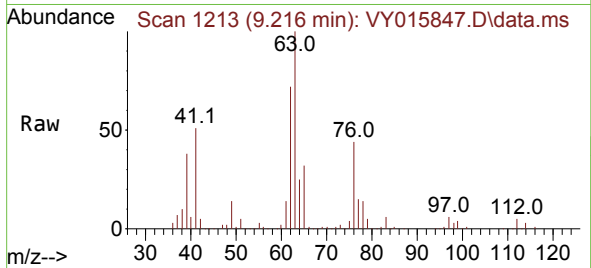




#45
1,2-Dichloropropane
Concen: 97.554 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

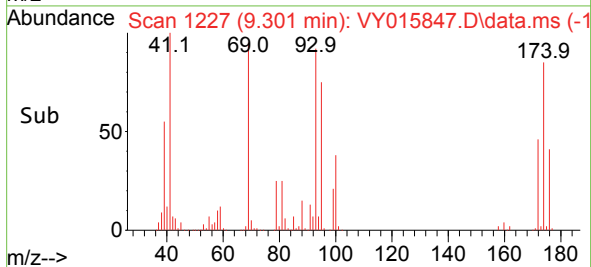
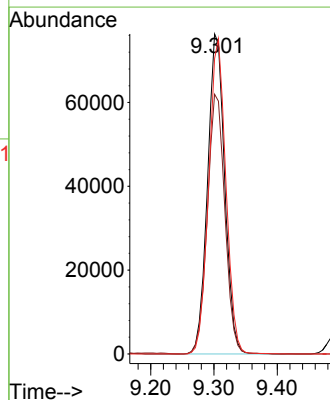
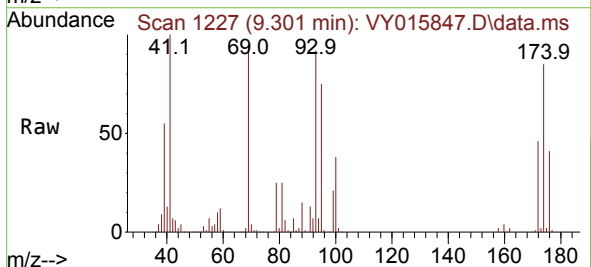
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

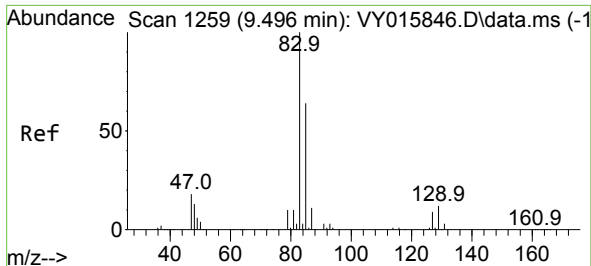
Tgt Ion: 63 Resp: 217232
Ion Ratio Lower Upper
63 100
65 31.9 23.8 35.6



#46
Dibromomethane
Concen: 101.300 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 93 Resp: 144214
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 98.6 84.8 127.2

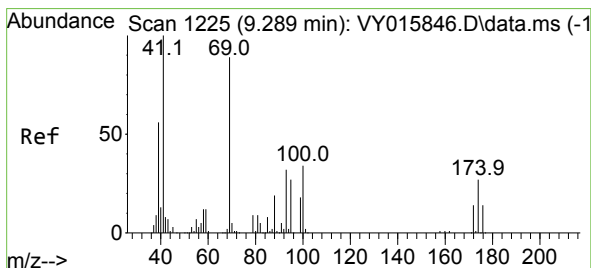
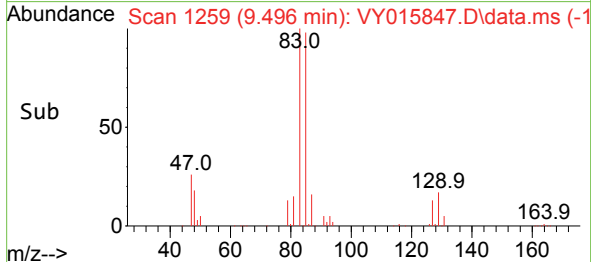
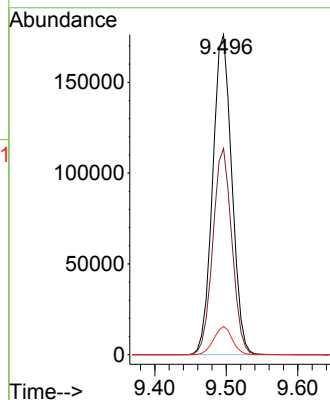
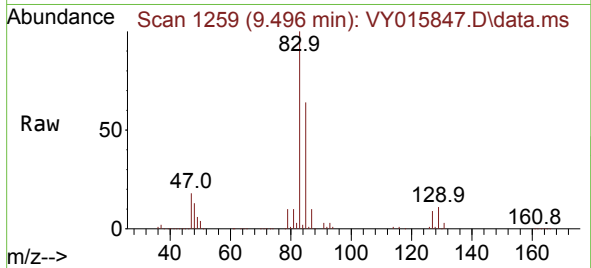




#47
Bromodichloromethane
Concen: 99.183 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

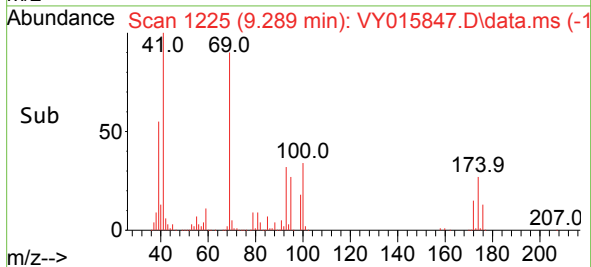
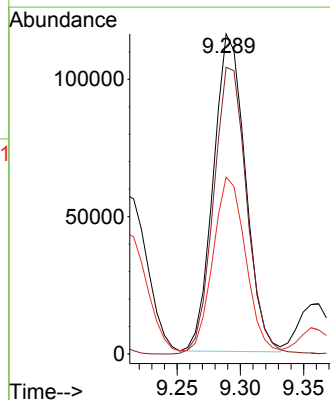
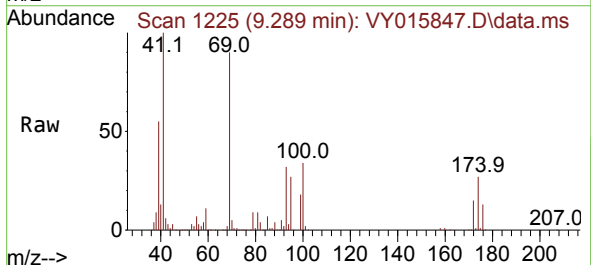
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

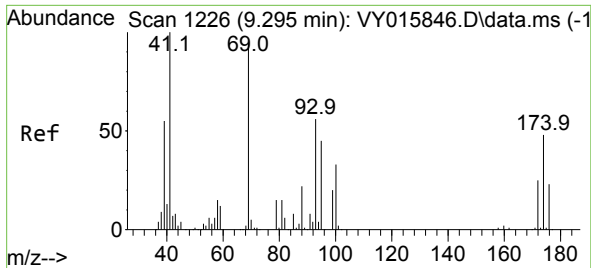
Tgt Ion: 83 Resp: 327751
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 101.191 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 41 Resp: 204236
Ion Ratio Lower Upper
41 100
69 93.3 64.5 96.7
39 56.9 50.8 76.2

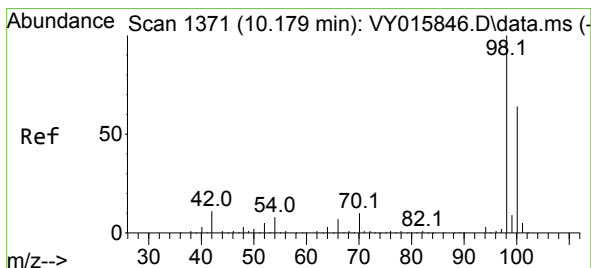
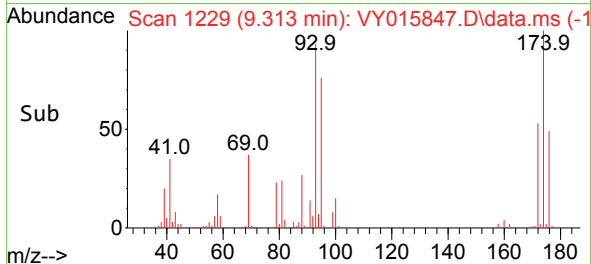
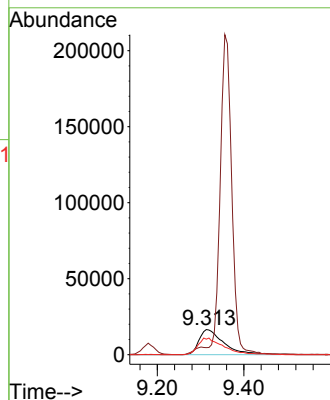
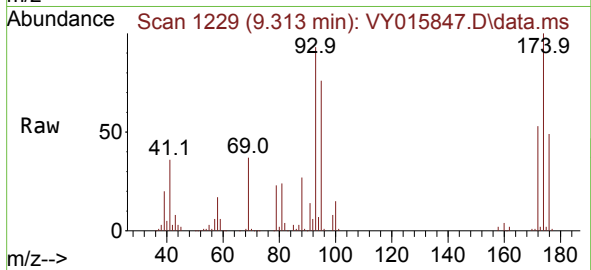




#49
1,4-Dioxane
Concen: 2065.113 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

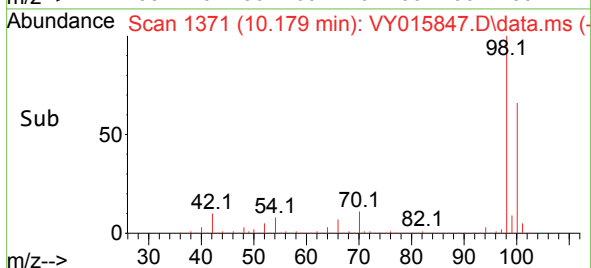
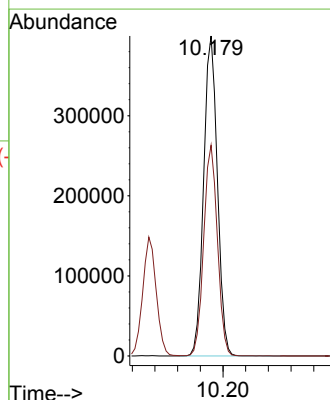
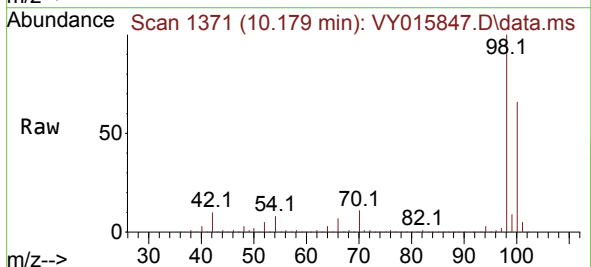
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

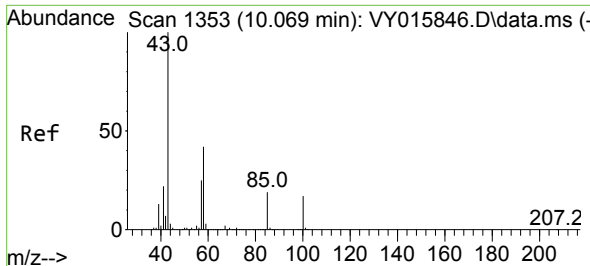
Tgt Ion: 88 Resp: 65856
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.7 30.9 46.3#



#50
Toluene-d8
Concen: 102.854 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 98 Resp: 671556
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

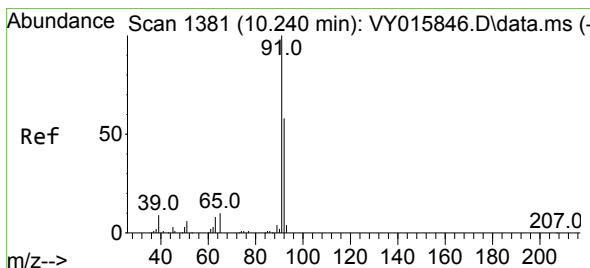
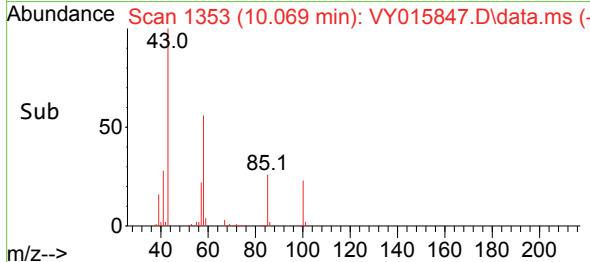
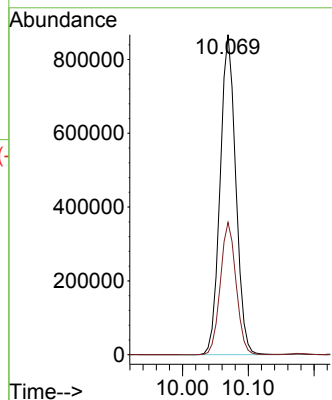
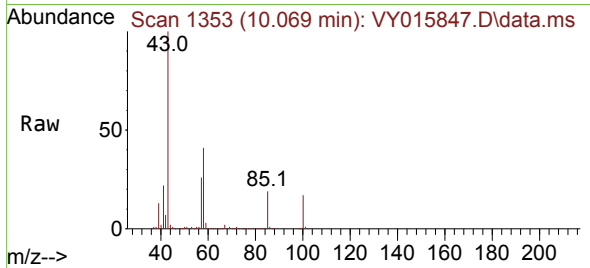




#51
4-Methyl-2-Pentanone
Concen: 496.523 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

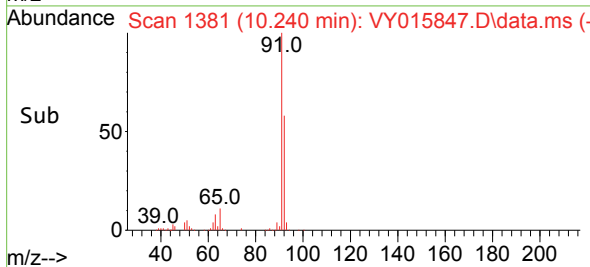
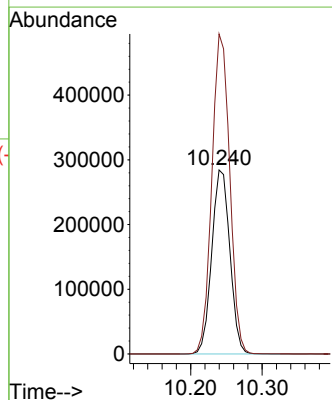
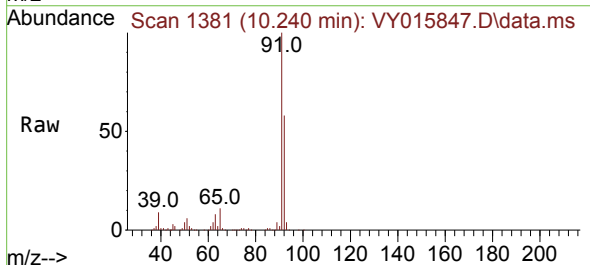
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

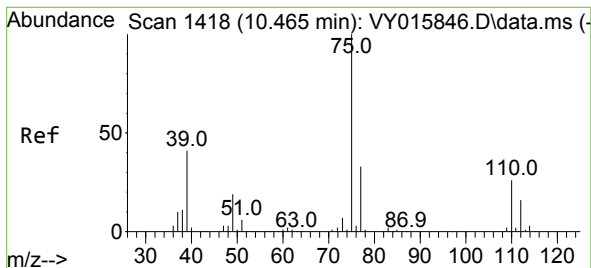
Tgt Ion: 43 Resp: 1435410
Ion Ratio Lower Upper
43 100
58 41.5 29.0 43.6



#52
Toluene
Concen: 101.526 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 92 Resp: 500091
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

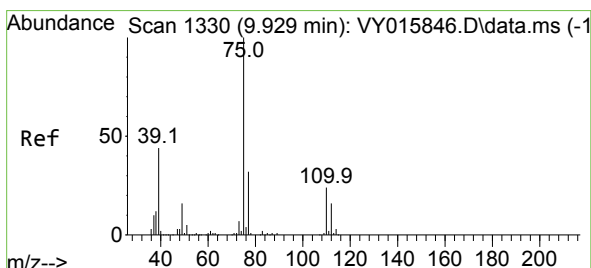
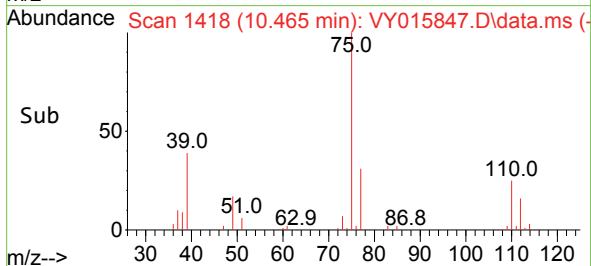
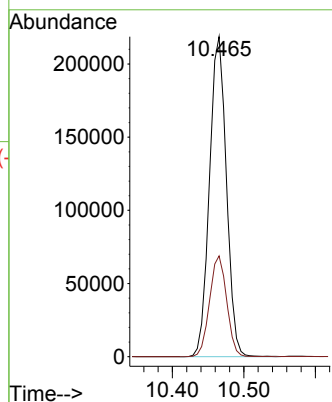
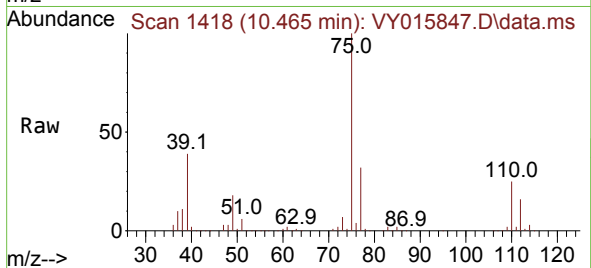




#53
t-1,3-Dichloropropene
Concen: 103.640 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

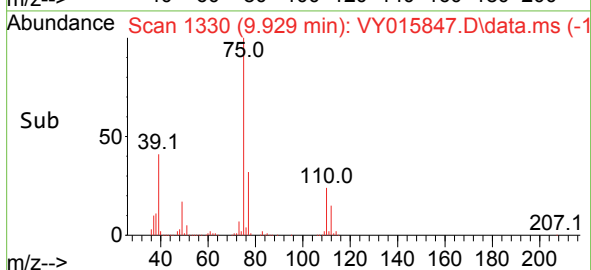
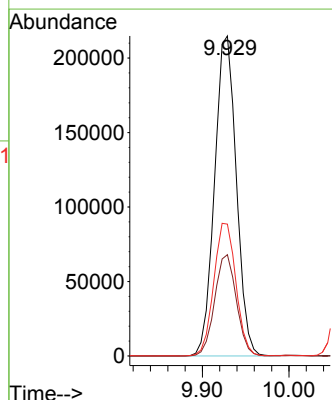
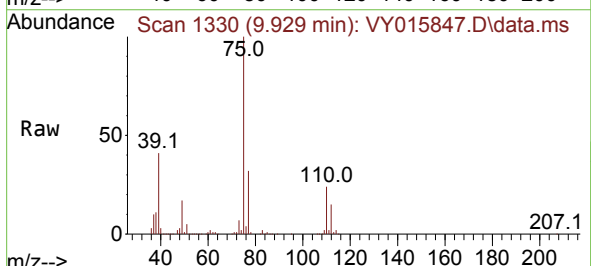
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

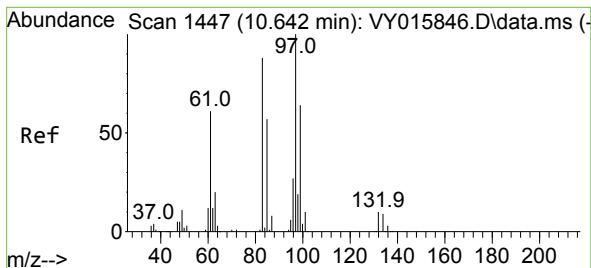
Tgt Ion: 75 Resp: 359354
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 101.917 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 75 Resp: 375147
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 41.2 42.2 63.4#

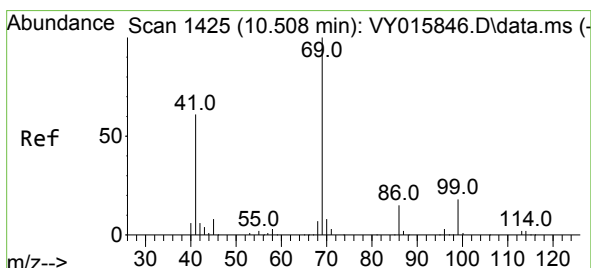
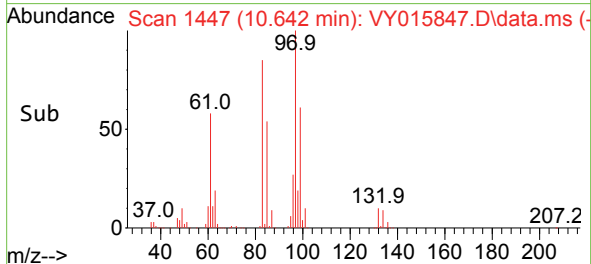
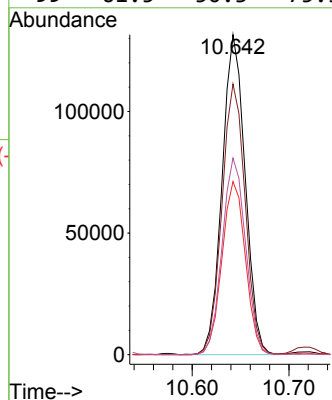
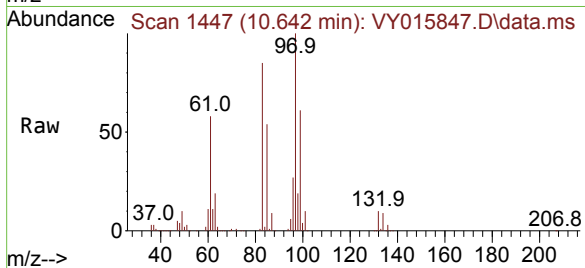




#55
1,1,2-Trichloroethane
Concen: 97.510 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

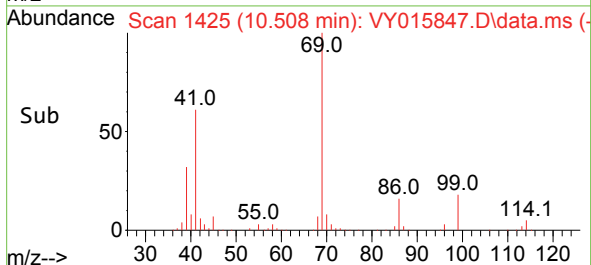
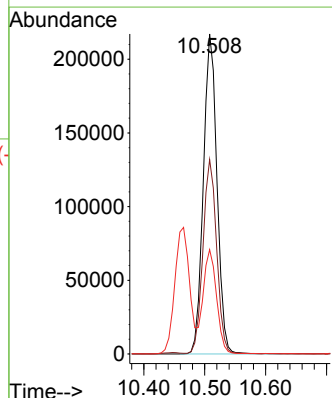
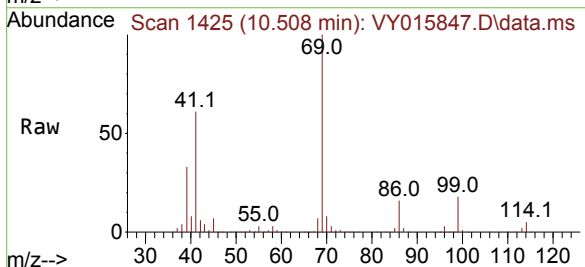
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

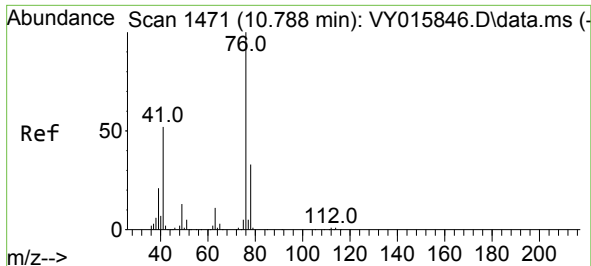
Tgt Ion: 97 Resp: 218083
Ion Ratio Lower Upper
97 100
83 84.6 72.0 108.0
85 54.1 45.4 68.0
99 61.5 50.3 75.5



#56
Ethyl methacrylate
Concen: 104.235 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 69 Resp: 338011
Ion Ratio Lower Upper
69 100
41 60.8 57.6 86.4
39 32.8 34.1 51.1#

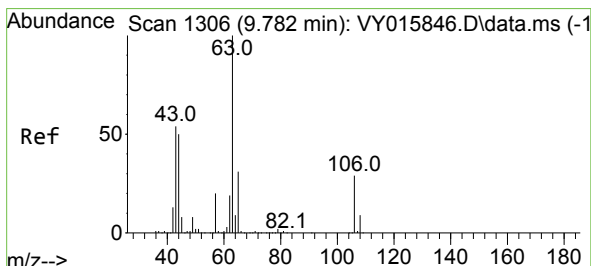
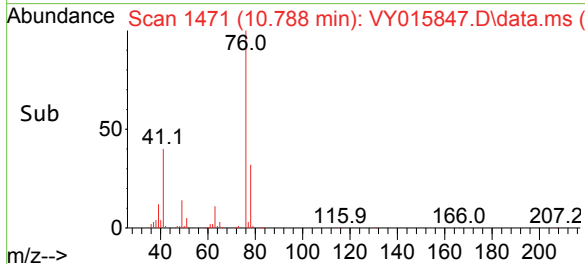
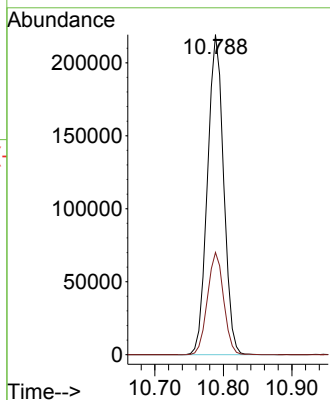
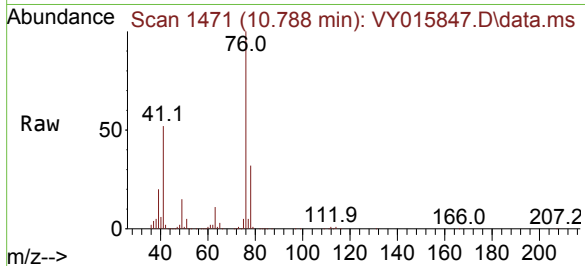




#57
1,3-Dichloropropane
Concen: 100.407 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

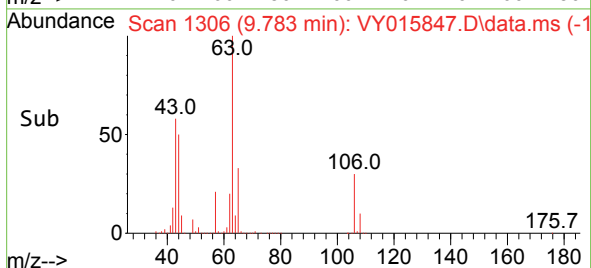
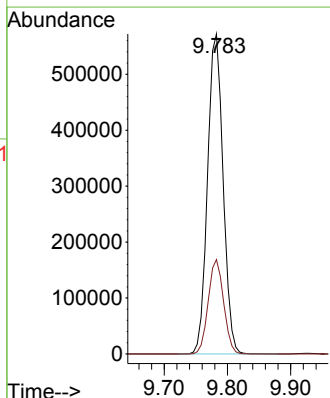
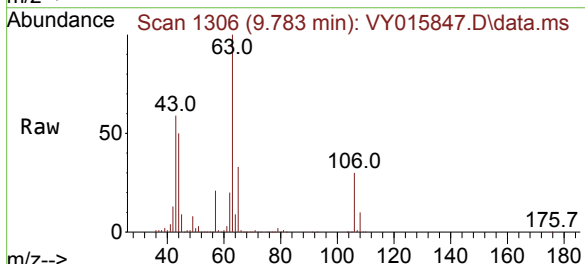
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

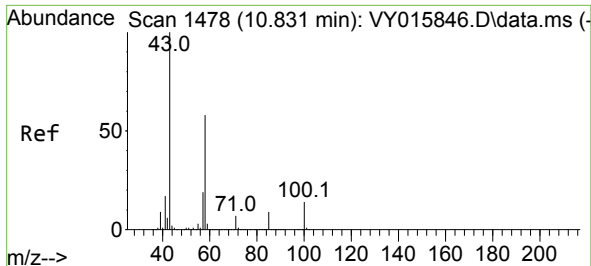
Tgt Ion: 76 Resp: 359014
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 516.471 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 63 Resp: 975881
Ion Ratio Lower Upper
63 100
106 29.2 21.2 31.8

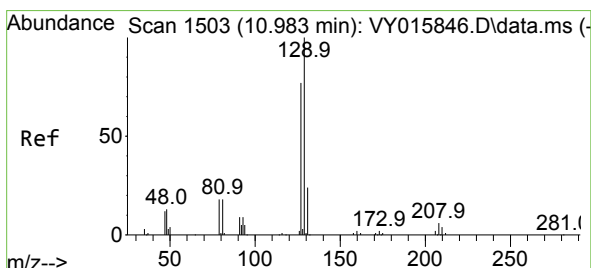
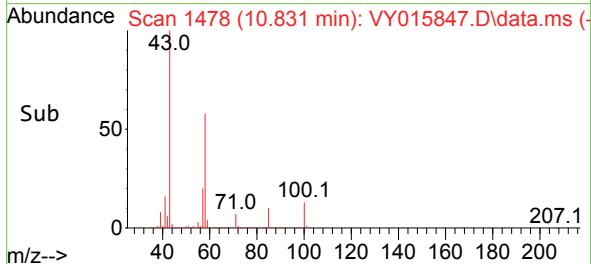
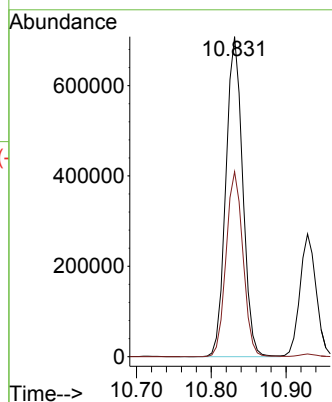
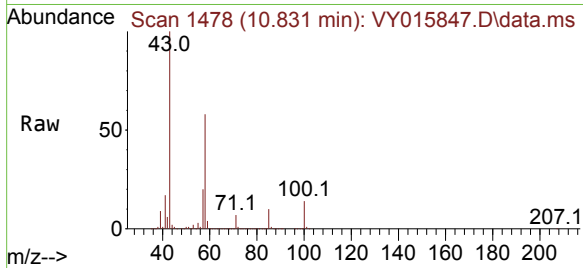




#59
2-Hexanone
Concen: 494.337 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

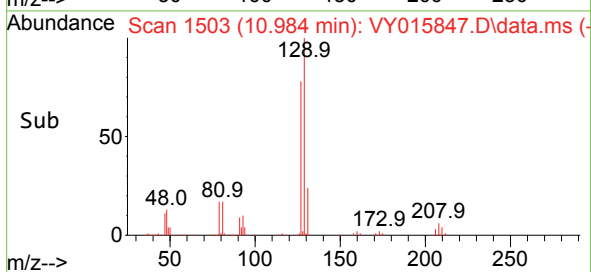
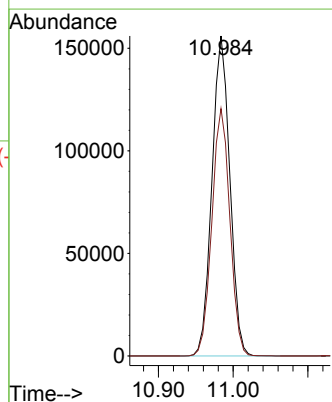
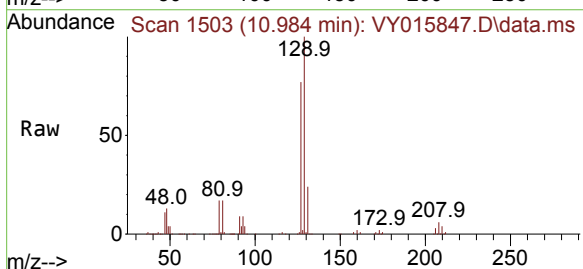
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

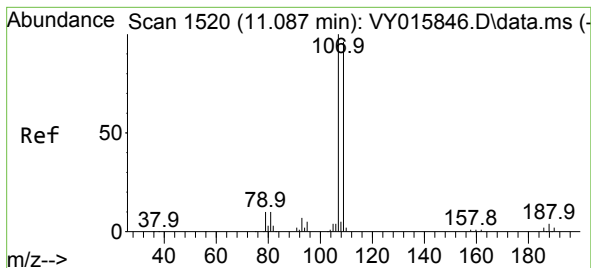
Tgt Ion: 43 Resp: 1108939
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 100.729 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 129 Resp: 260207
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

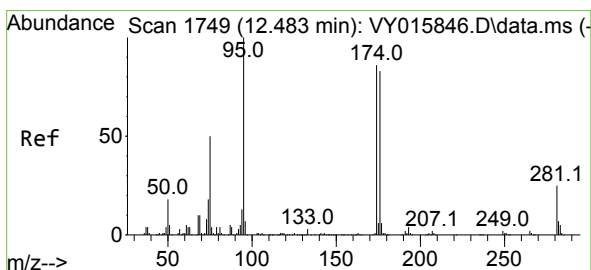
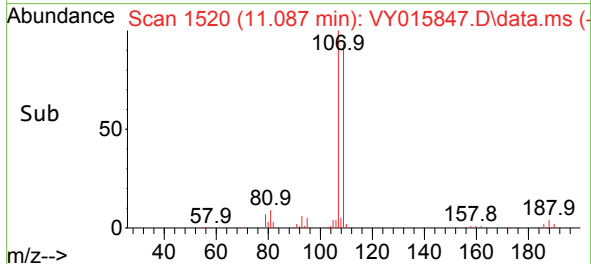
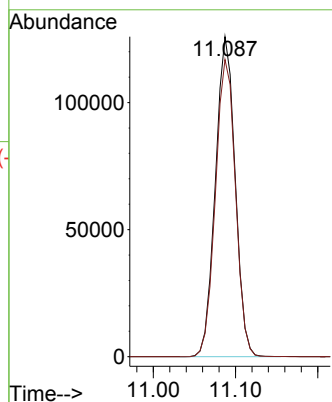
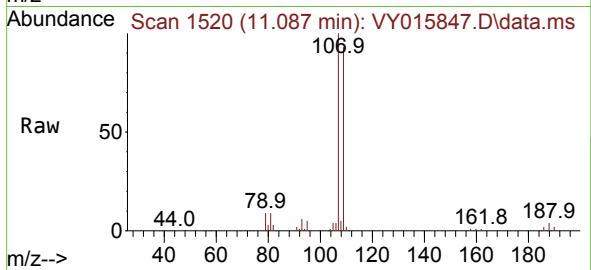




#61
1,2-Dibromoethane
Concen: 100.455 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

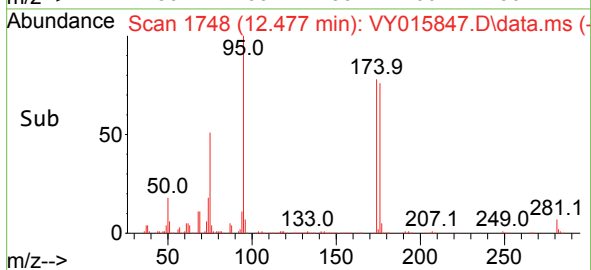
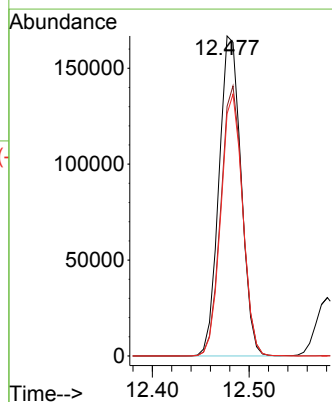
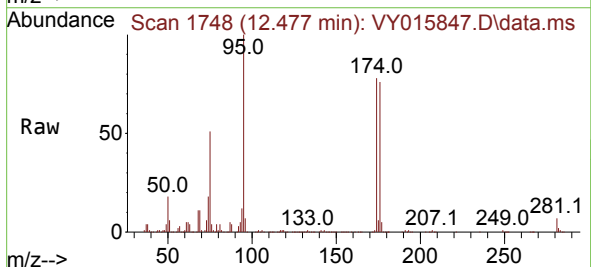
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

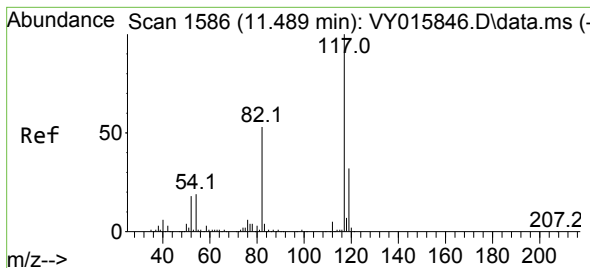
Tgt Ion:107 Resp: 209962
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 99.149 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 95 Resp: 264612
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.7 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: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

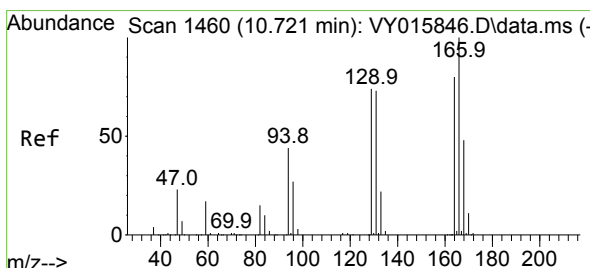
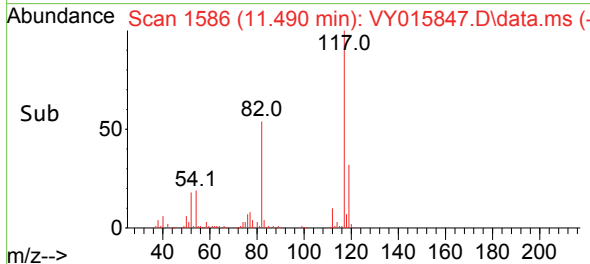
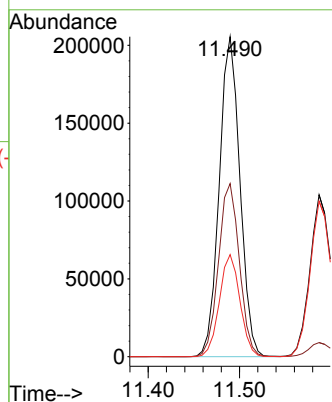
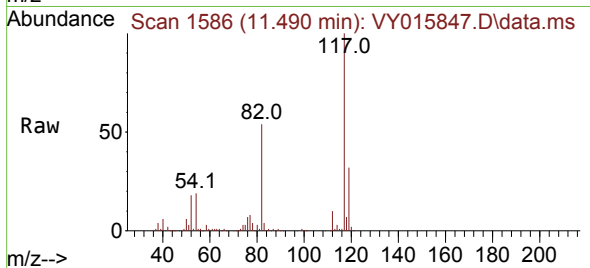
Tgt Ion:117 Resp: 323258

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 99.758 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Tgt Ion:164 Resp: 226666

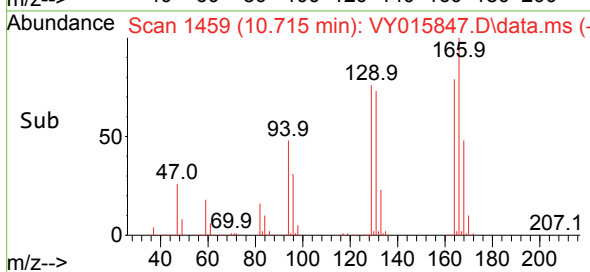
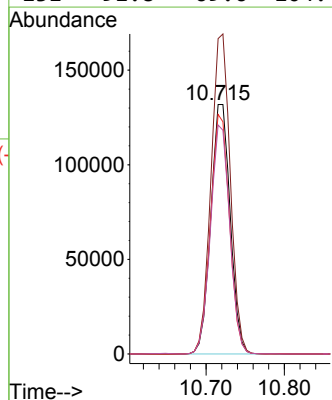
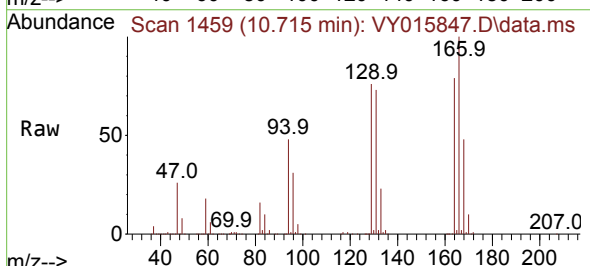
Ion Ratio Lower Upper

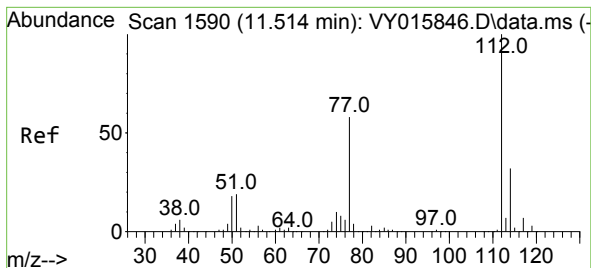
164 100

166 126.5 103.0 154.6

129 96.0 77.2 115.8

131 91.8 69.6 104.4





#65

Chlorobenzene

Concen: 97.723 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

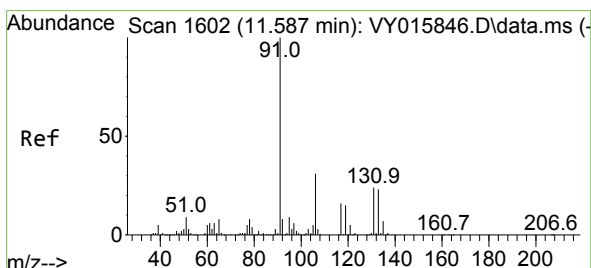
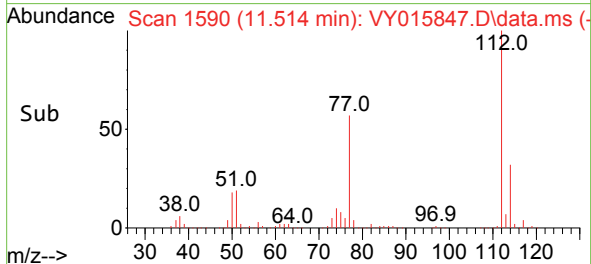
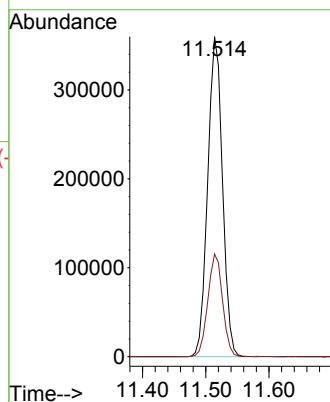
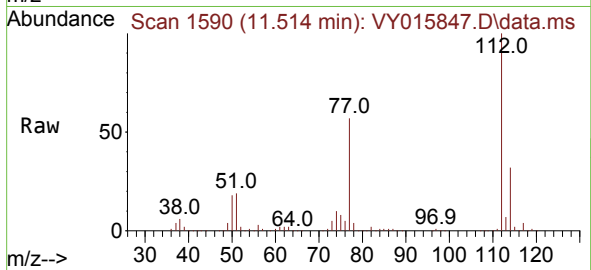
VSTDIC100

Tgt Ion:112 Resp: 584205

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 97.816 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

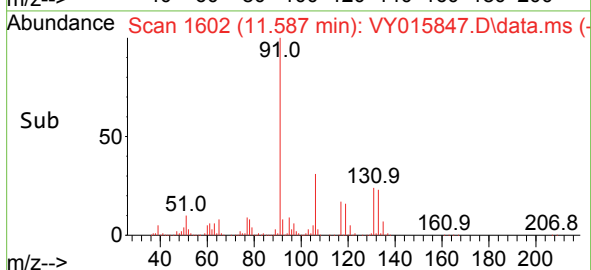
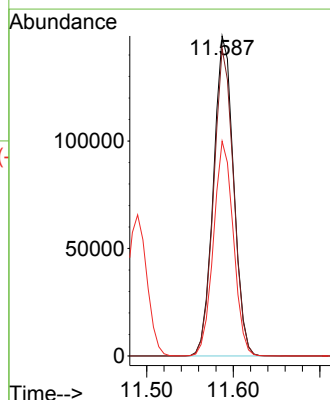
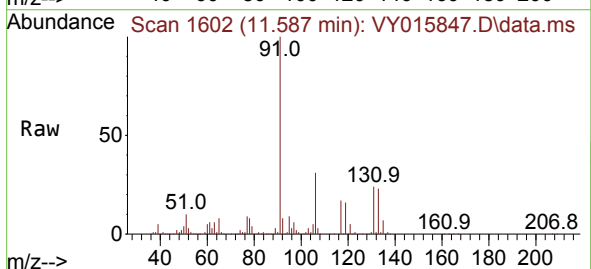
Tgt Ion:131 Resp: 240429

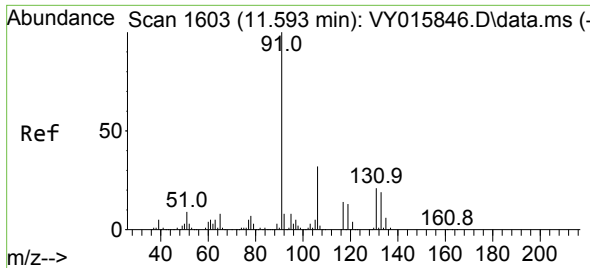
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 66.2 31.6 94.7

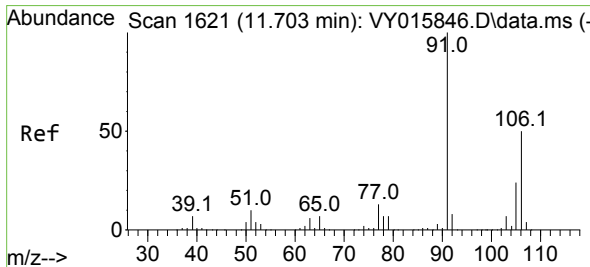
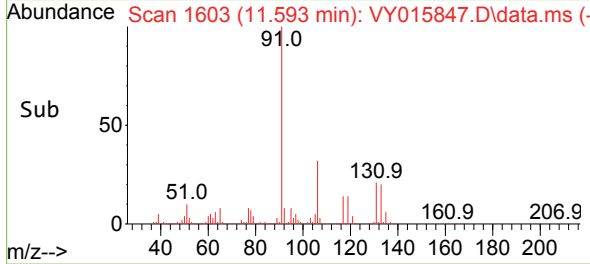
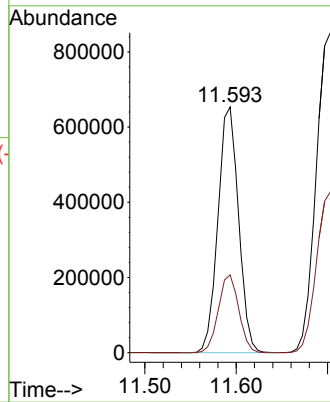
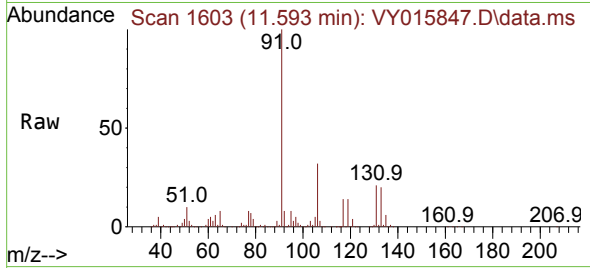




#67
Ethyl Benzene
Concen: 100.118 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

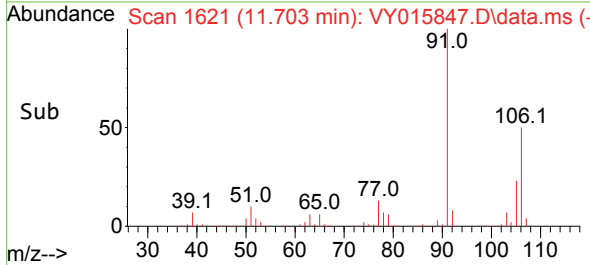
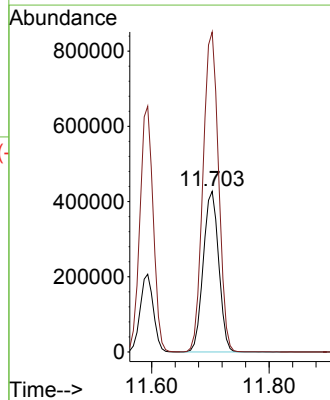
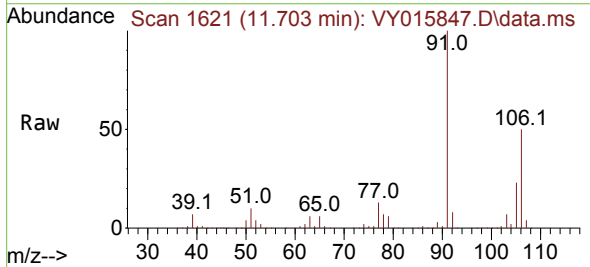
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

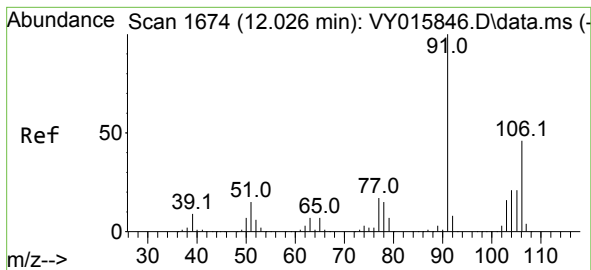
Tgt Ion: 91 Resp: 1024420
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 200.519 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion:106 Resp: 779936
Ion Ratio Lower Upper
106 100
91 199.6 166.1 249.1

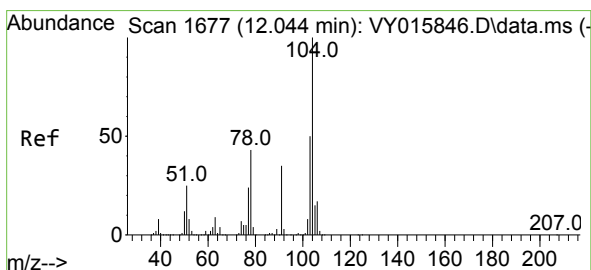
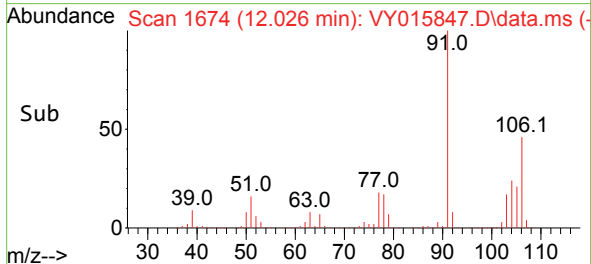
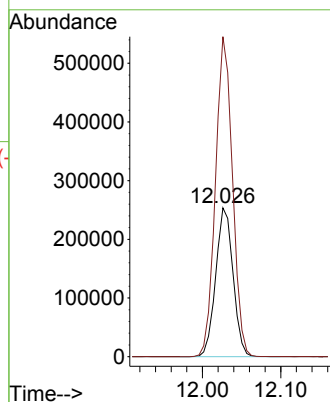
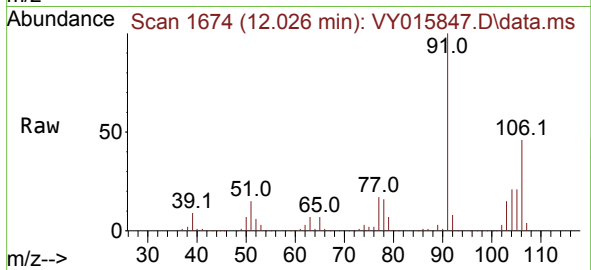




#69
o-Xylene
Concen: 100.792 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

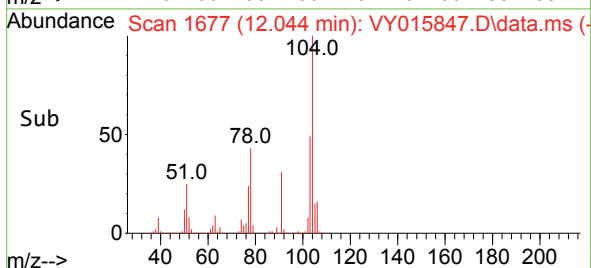
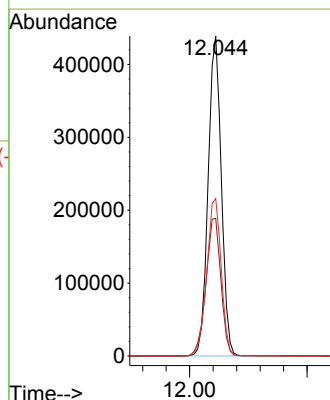
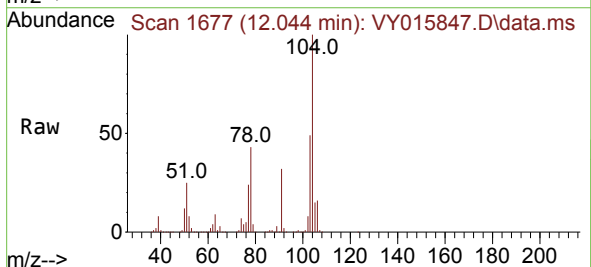
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

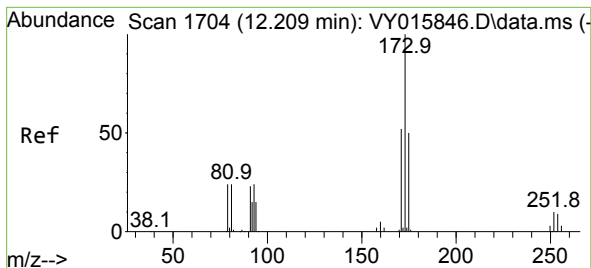
Tgt Ion:106 Resp: 389947
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.3



#70
Styrene
Concen: 101.403 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion:104 Resp: 684880
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 101.064 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

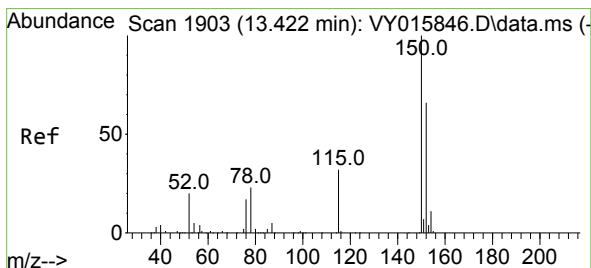
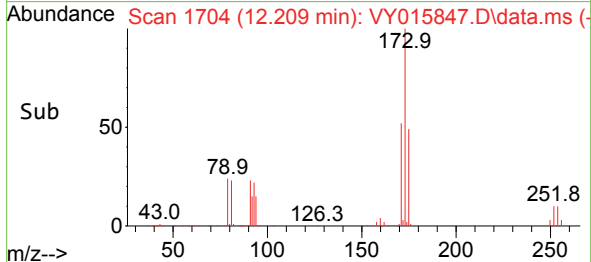
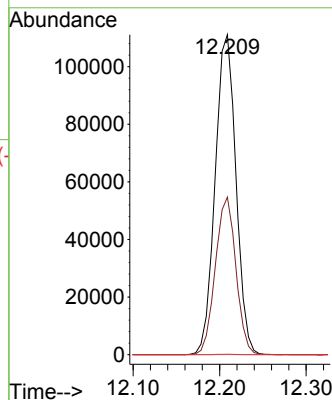
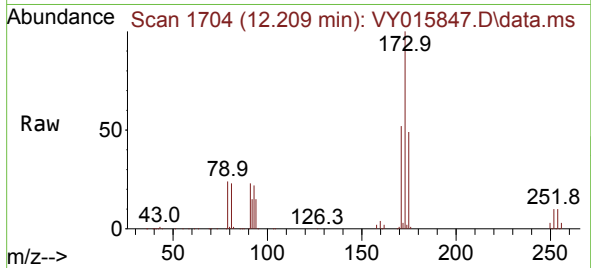
Tgt Ion:173 Resp: 185233

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.1 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: VY015847.D

Acq: 05 Oct 2023 14:01

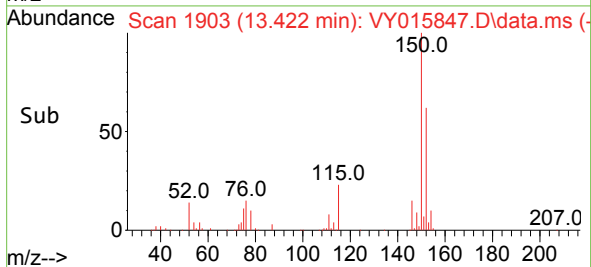
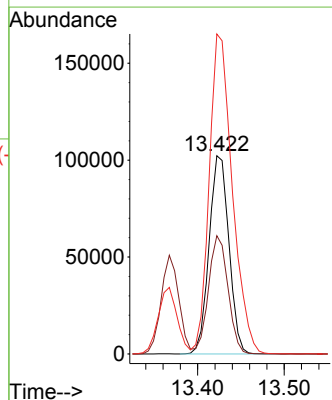
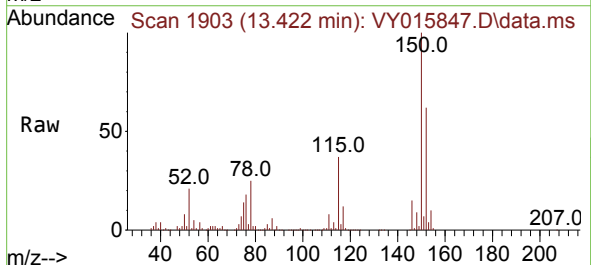
Tgt Ion:152 Resp: 162505

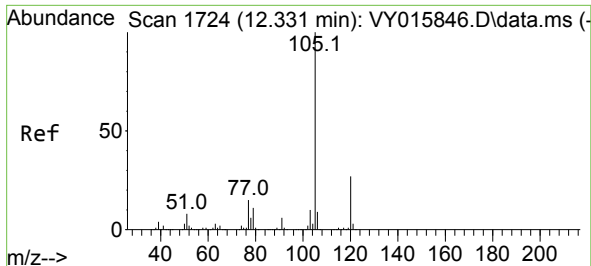
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 188.4 0.0 348.8

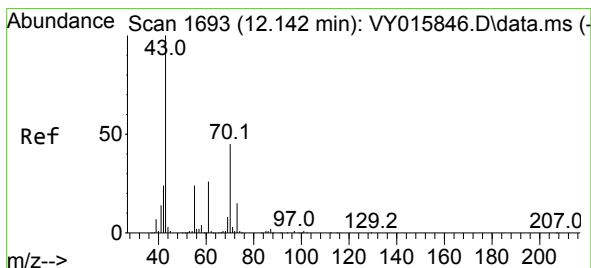
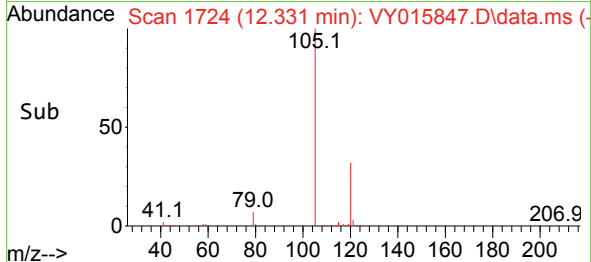
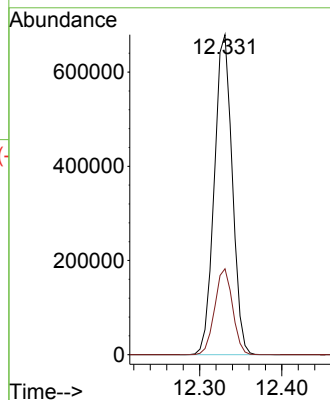
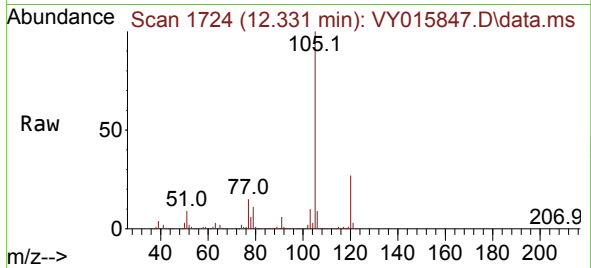




#73
Isopropylbenzene
Concen: 97.817 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

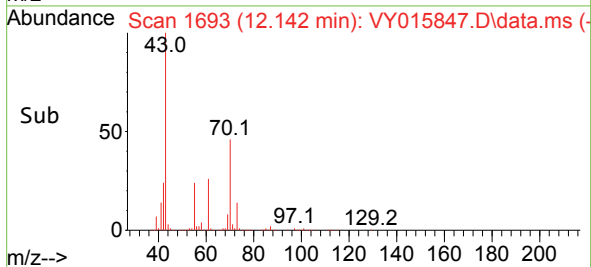
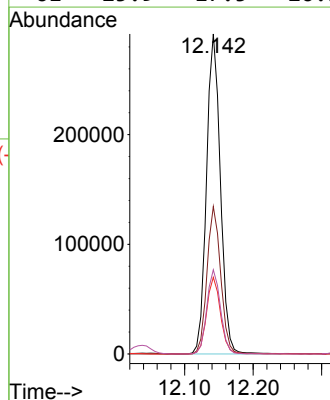
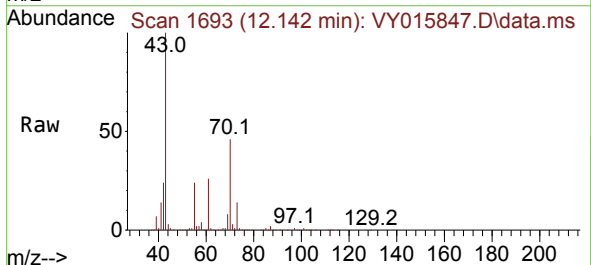
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

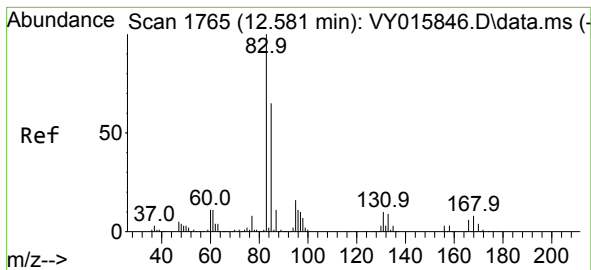
Tgt Ion:105 Resp: 1029711
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 101.312 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 43 Resp: 412118
Ion Ratio Lower Upper
43 100
70 45.7 29.7 44.5#
55 23.9 18.3 27.5
61 25.9 17.5 26.3

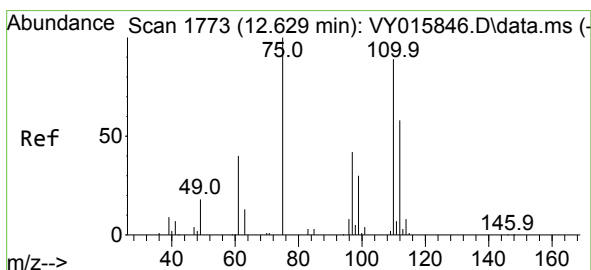
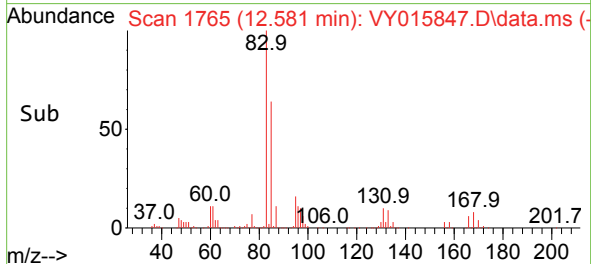
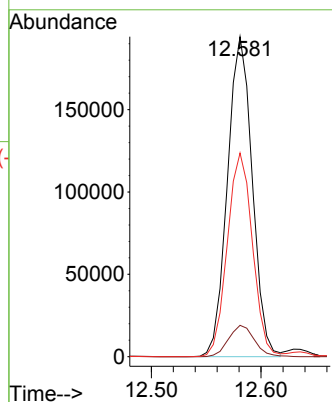
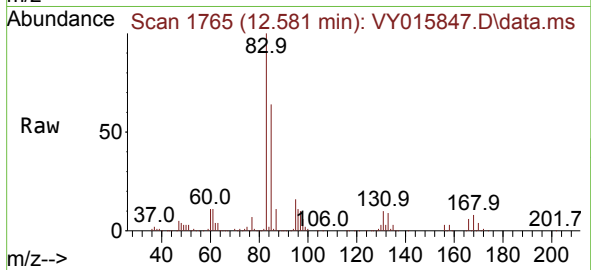




#75
 1,1,2,2-Tetrachloroethane
 Concen: 98.236 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

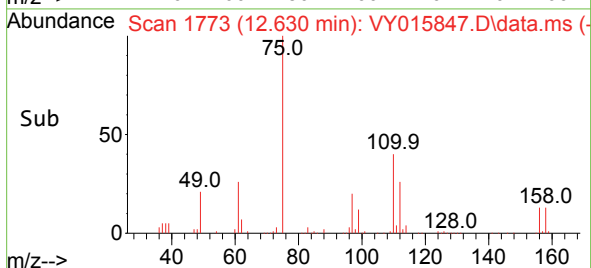
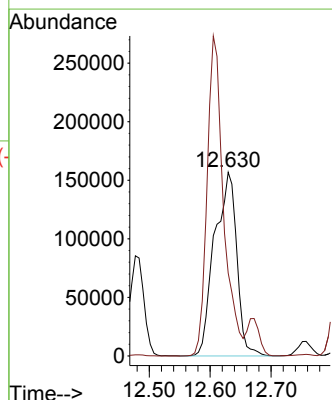
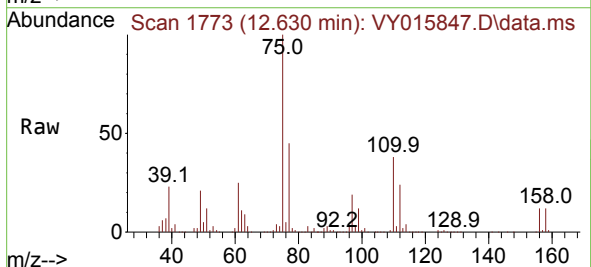
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

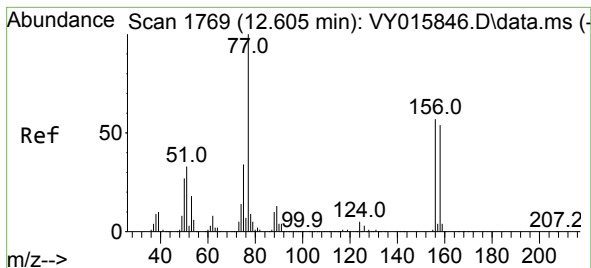
Tgt Ion: 83 Resp: 305473
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.4 16.2
 85 64.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 165.266 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

Tgt Ion: 75 Resp: 397570
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.165 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

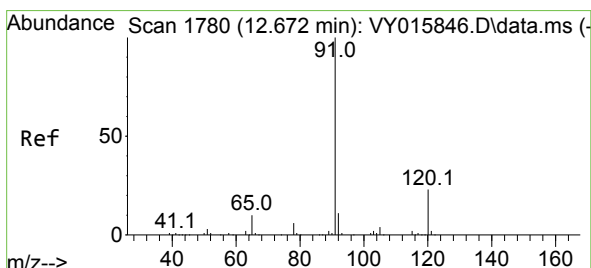
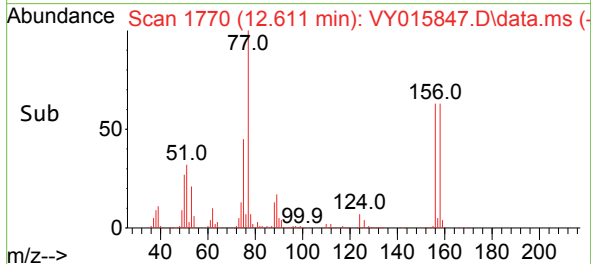
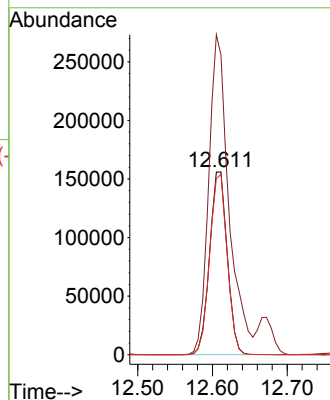
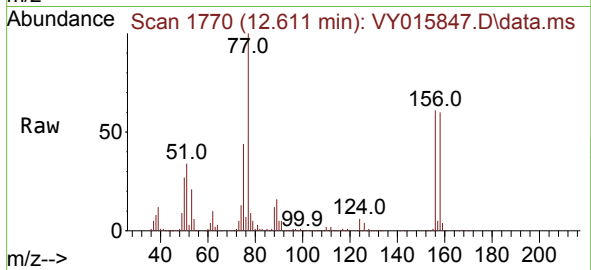
Tgt Ion:156 Resp: 255640

Ion Ratio Lower Upper

156 100

77 200.3 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 98.124 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015847.D

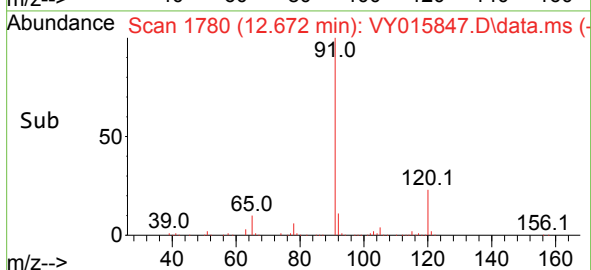
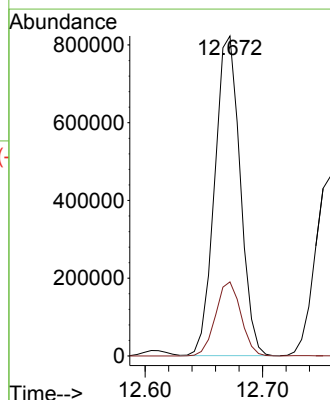
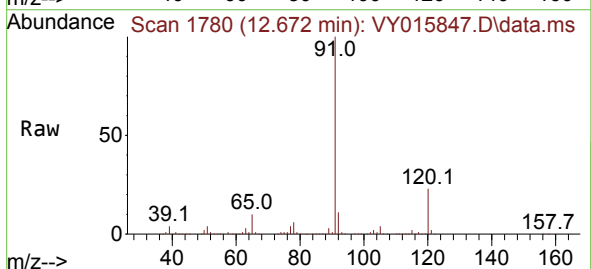
Acq: 05 Oct 2023 14:01

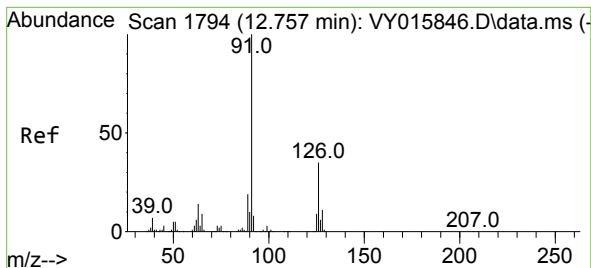
Tgt Ion: 91 Resp: 1237251

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

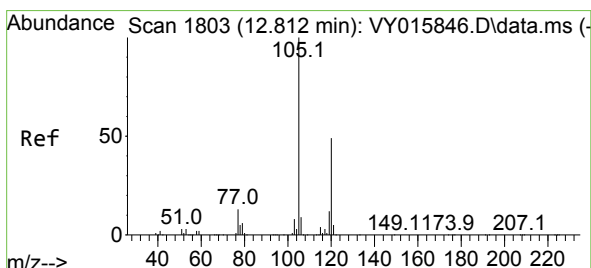
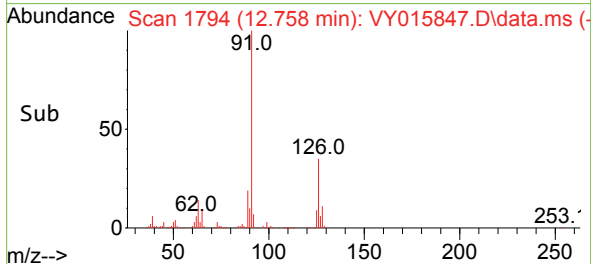
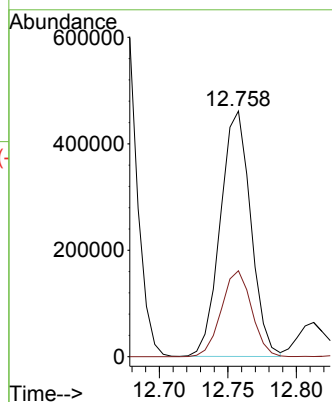
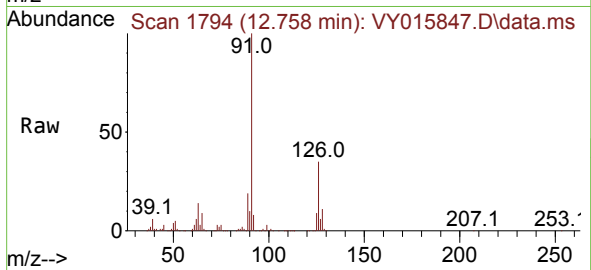




#79
2-Chlorotoluene
Concen: 98.178 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

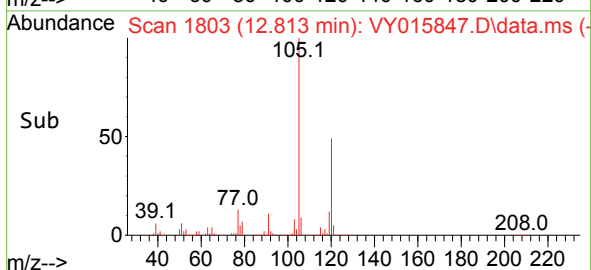
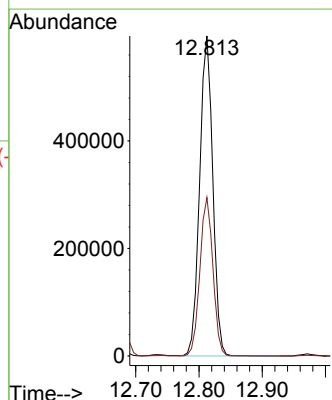
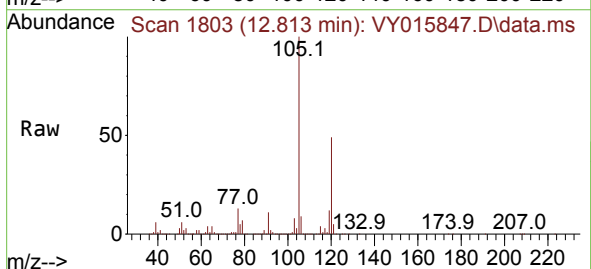
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

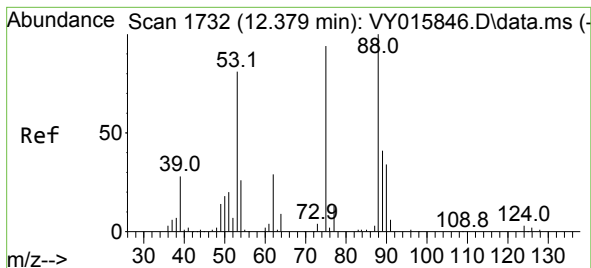
Tgt Ion: 91 Resp: 712884
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 98.177 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 105 Resp: 861310
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

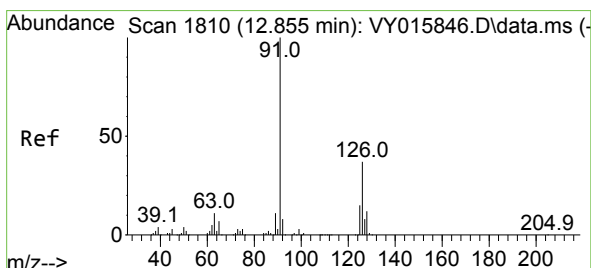
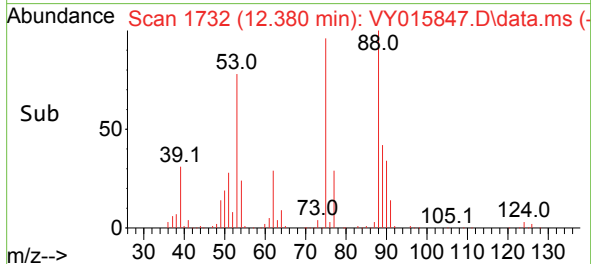
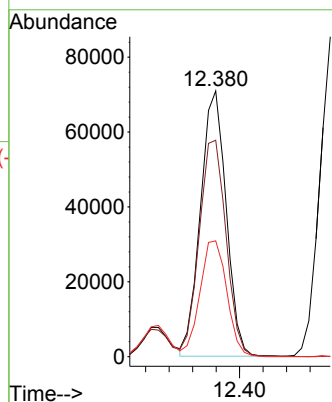
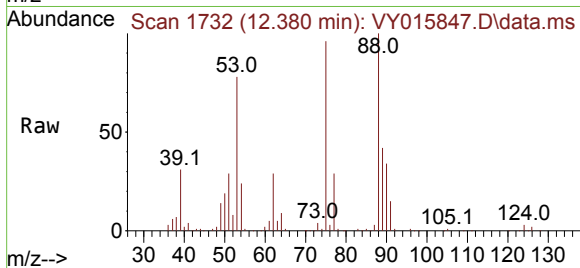




#81
trans-1,4-Dichloro-2-butene
Concen: 103.706 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

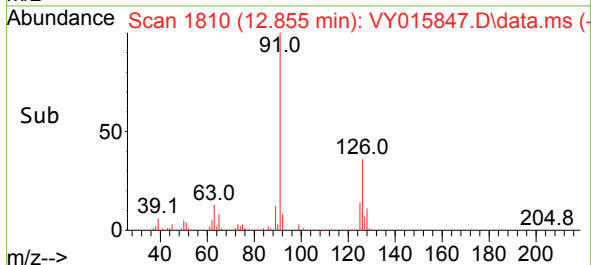
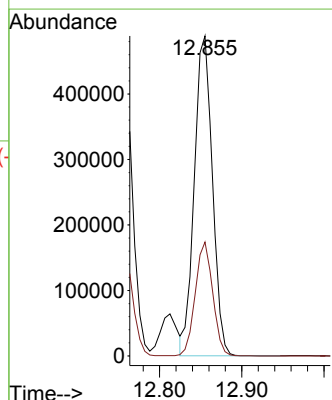
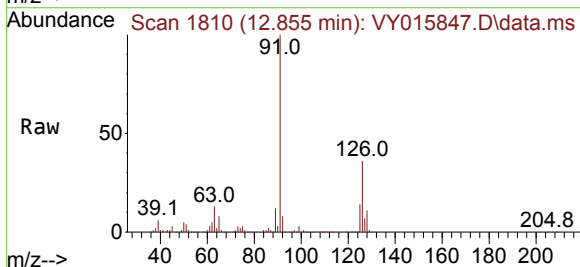
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

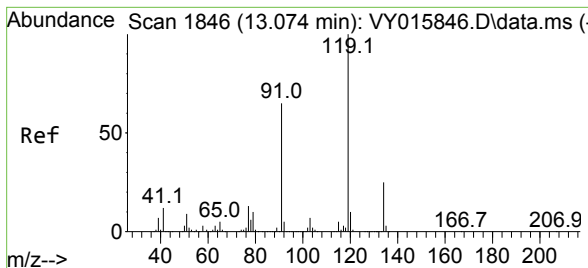
Tgt Ion: 75 Resp: 107772
Ion Ratio Lower Upper
75 100
53 85.5 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 98.010 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 91 Resp: 744855
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

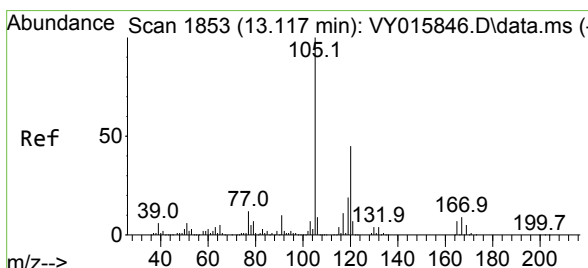
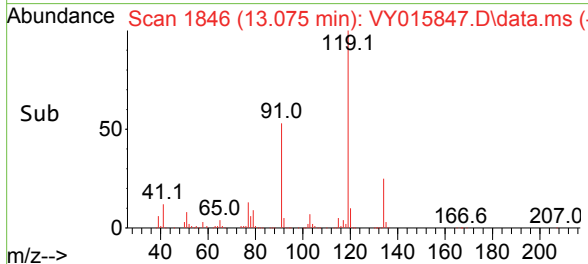
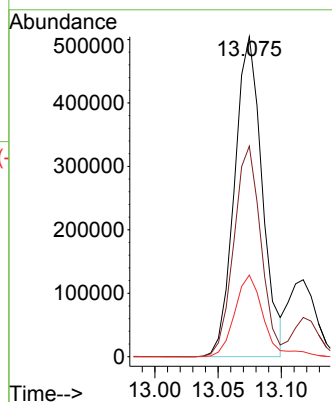
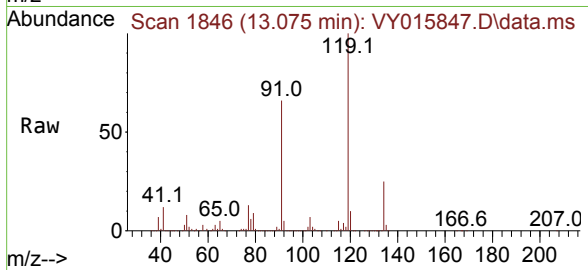




#83
 tert-Butylbenzene
 Concen: 95.991 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

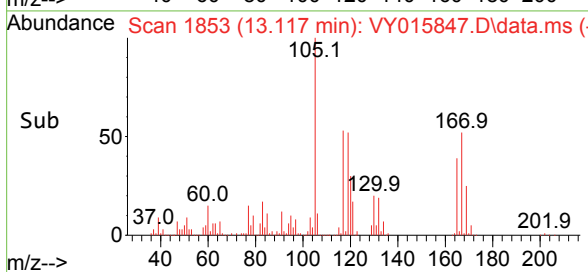
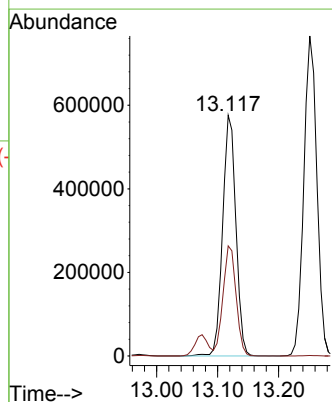
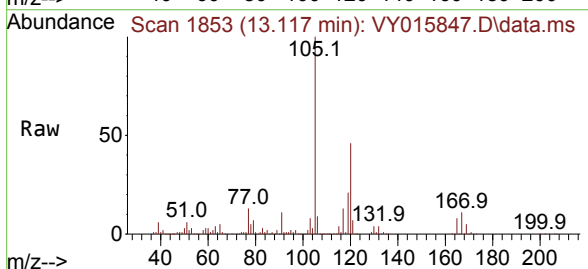
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

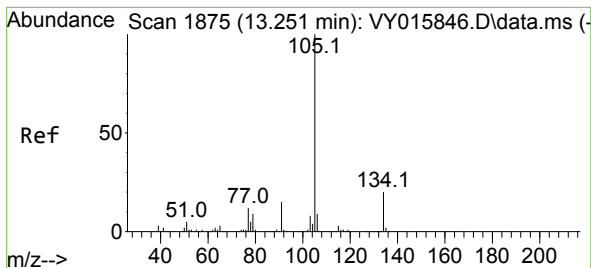
Tgt Ion:119 Resp: 769779
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.9 98.6
 134 26.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 98.609 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

Tgt Ion:105 Resp: 869096
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 96.702 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

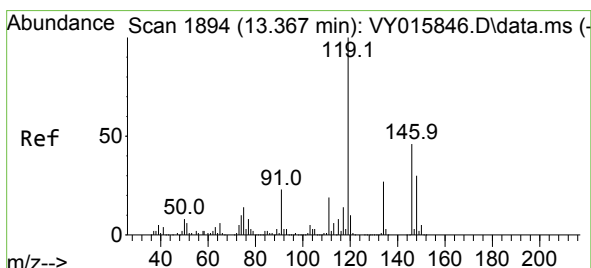
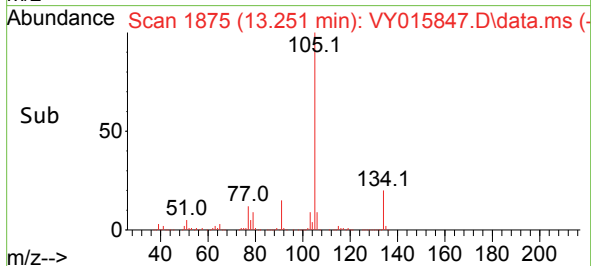
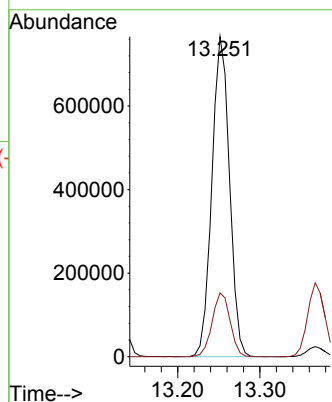
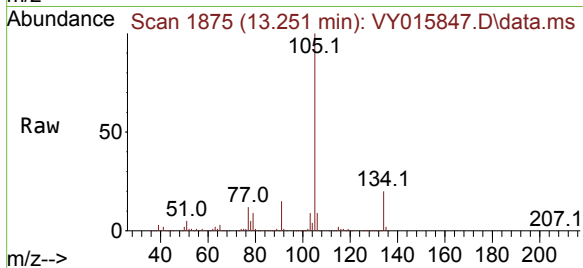
VSTDIC100

Tgt Ion:105 Resp: 1137719

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 97.553 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

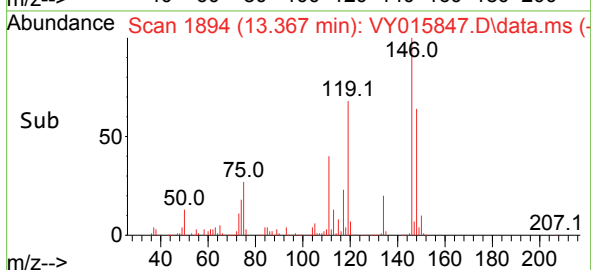
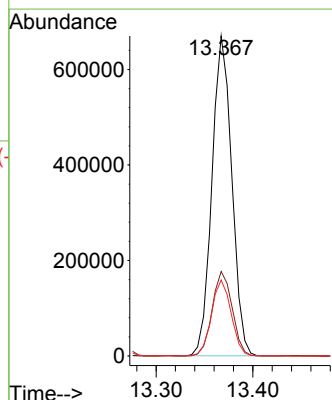
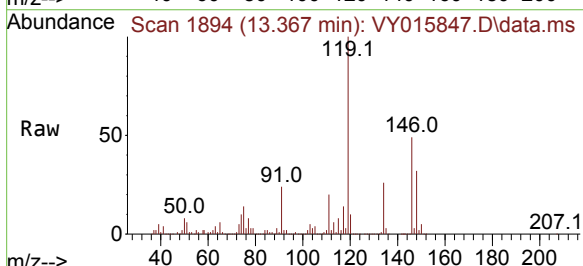
Tgt Ion:119 Resp: 955775

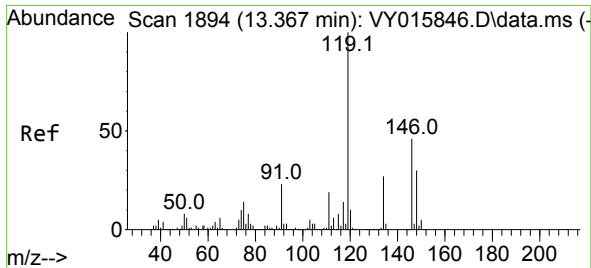
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.5 12.4 37.4

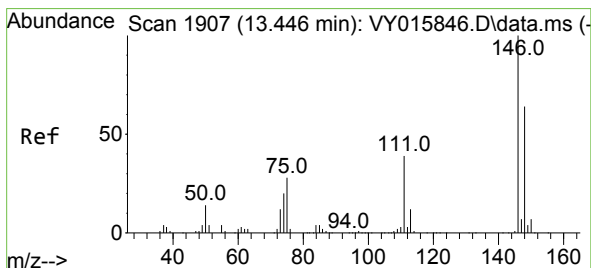
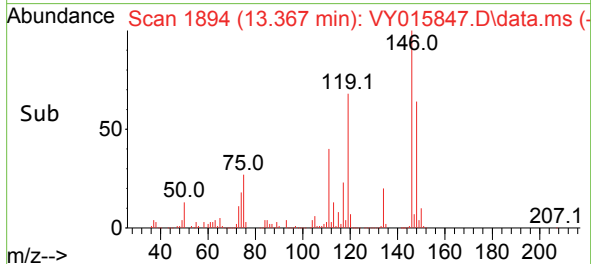
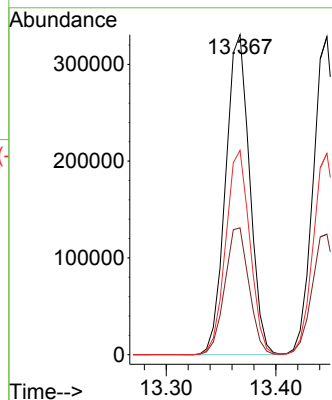
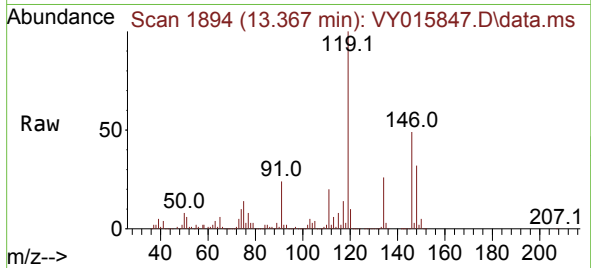




#87
 1,3-Dichlorobenzene
 Concen: 96.737 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

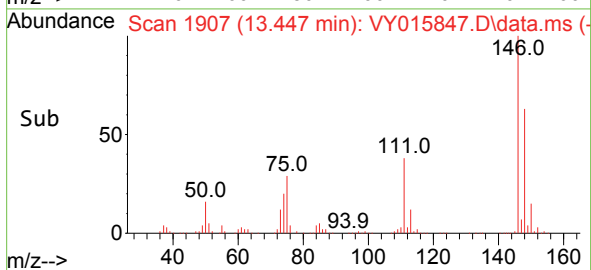
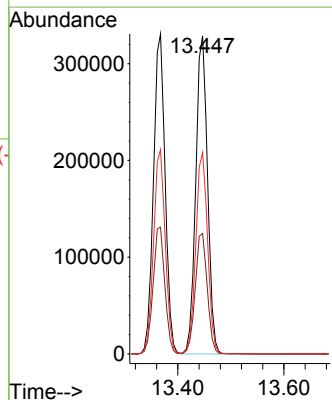
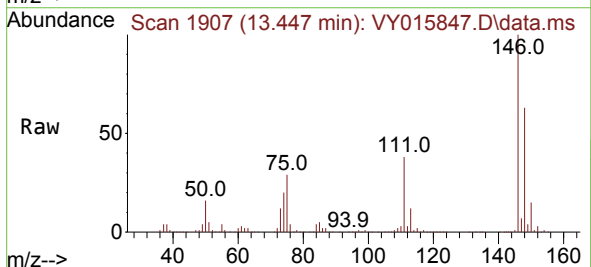
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

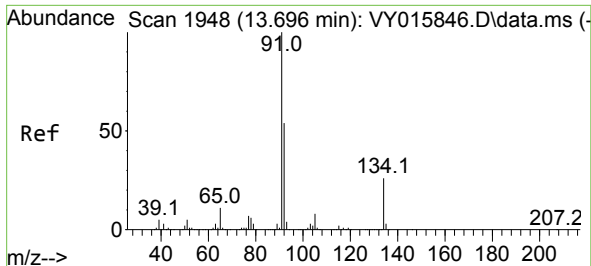
Tgt Ion:146 Resp: 504402
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.2
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 95.733 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015847.D
 Acq: 05 Oct 2023 14:01

Tgt Ion:146 Resp: 504690
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.7
 148 63.6 32.1 96.5

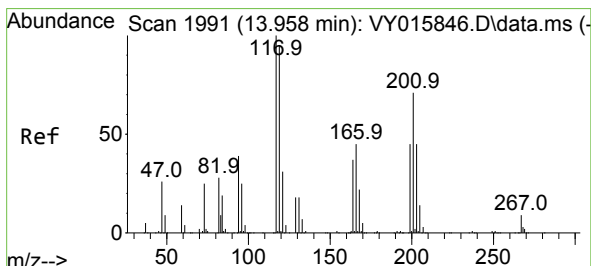
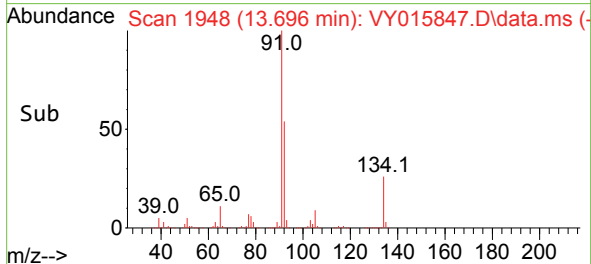
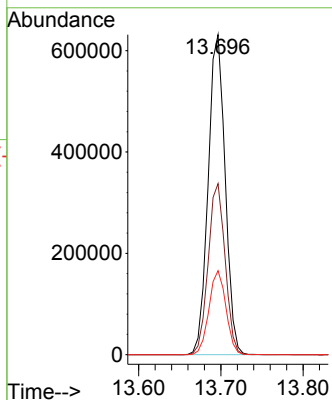
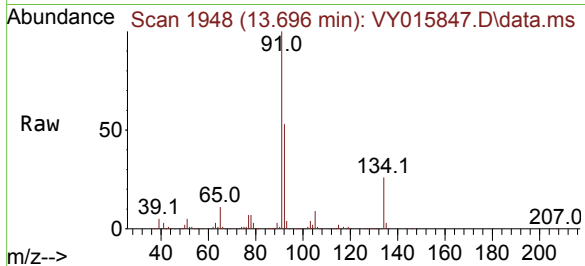




#89
n-Butylbenzene
Concen: 97.331 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

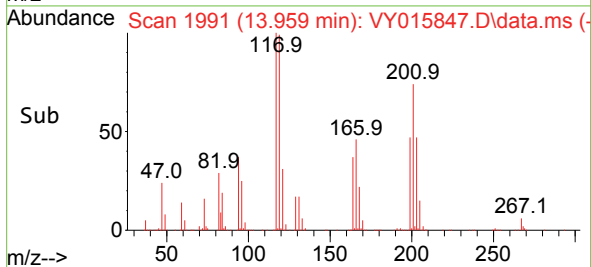
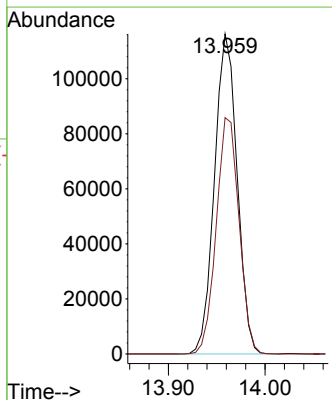
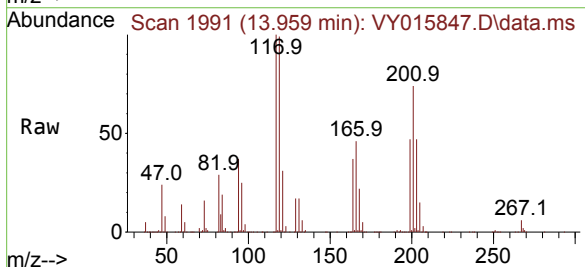
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

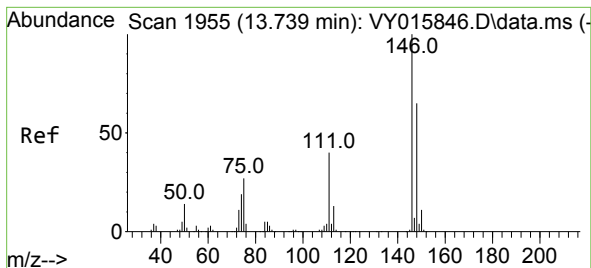
Tgt Ion: 91 Resp: 907407
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.2 12.6 37.6



#90
Hexachloroethane
Concen: 98.766 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 117 Resp: 188878
Ion Ratio Lower Upper
117 100
201 74.5 41.6 124.8

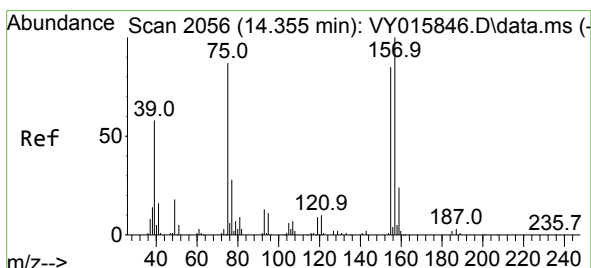
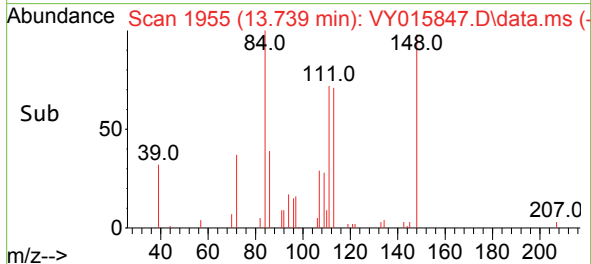
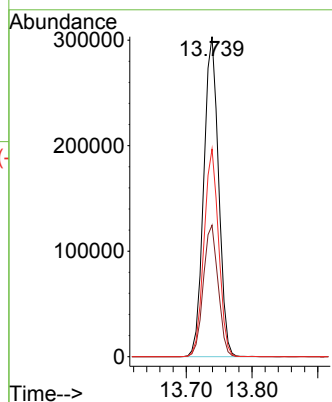
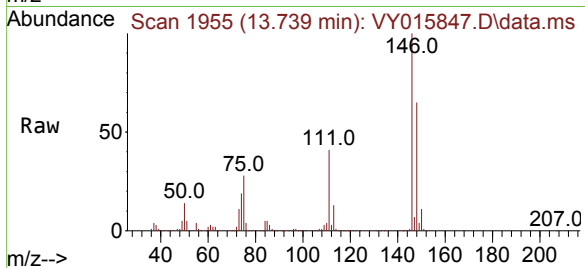




#91
1,2-Dichlorobenzene
Concen: 96.731 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

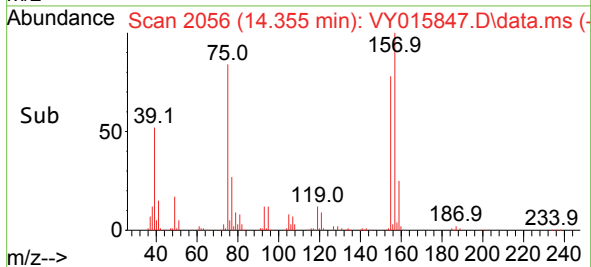
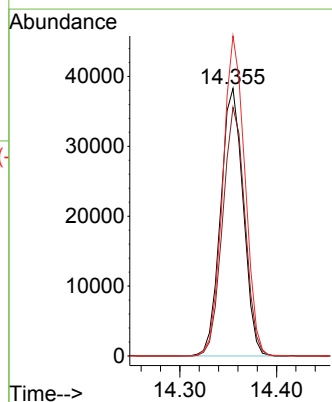
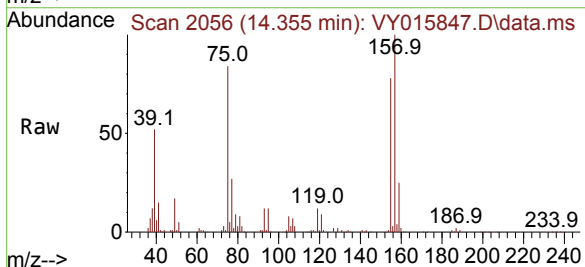
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

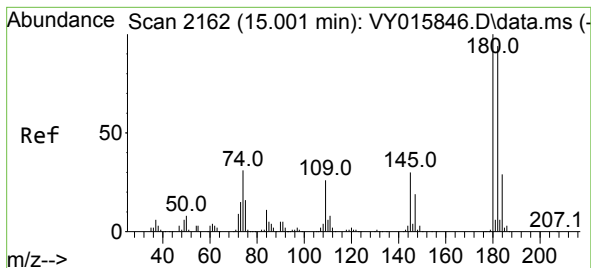
Tgt Ion:146 Resp: 475001
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.132 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015847.D
Acq: 05 Oct 2023 14:01

Tgt Ion: 75 Resp: 61854
Ion Ratio Lower Upper
75 100
155 91.6 41.5 124.6
157 117.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 99.257 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

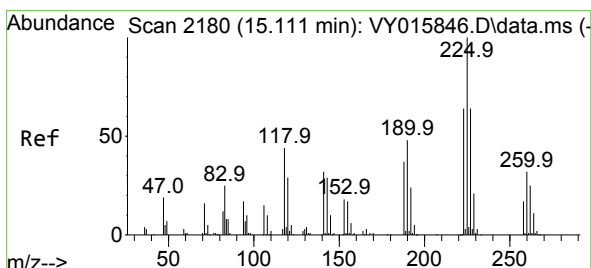
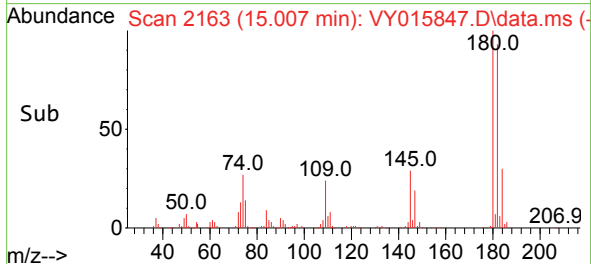
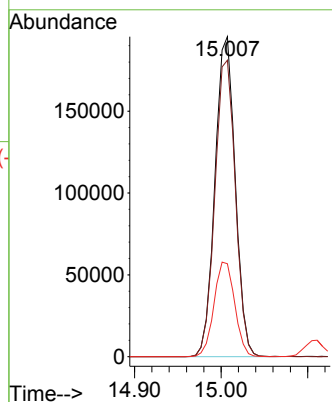
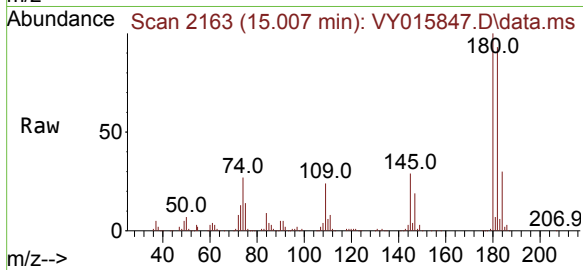
Tgt Ion:180 Resp: 317237

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 94.484 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

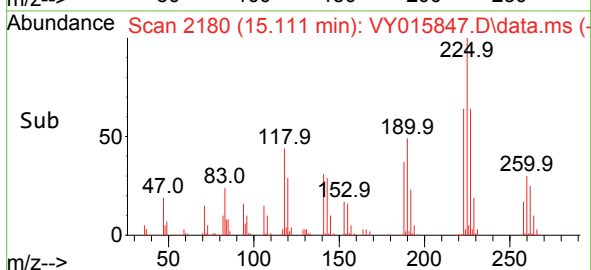
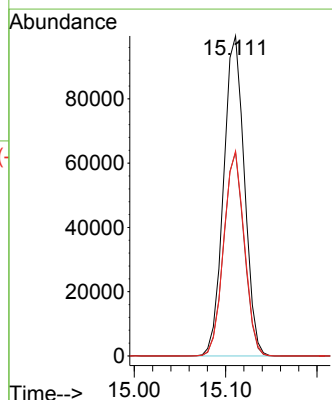
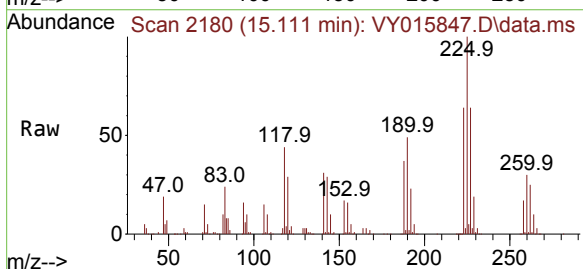
Tgt Ion:225 Resp: 157350

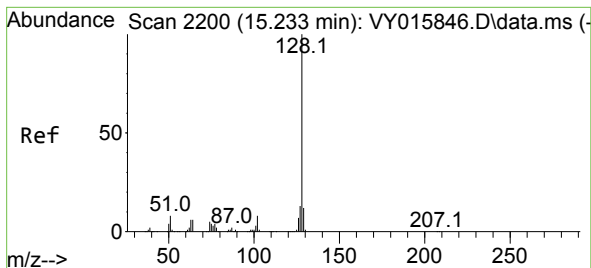
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 101.607 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

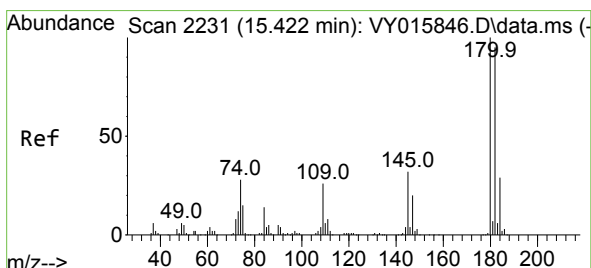
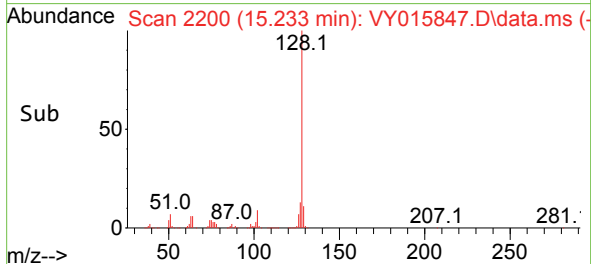
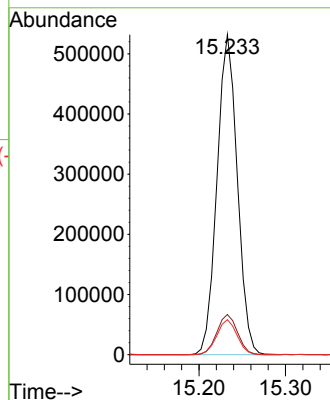
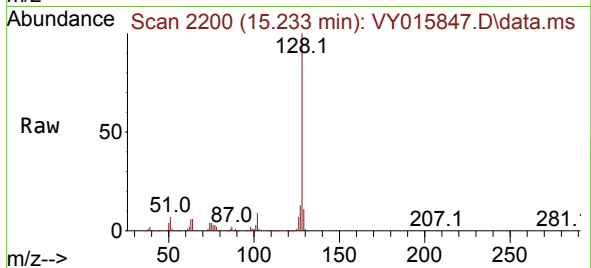
Tgt Ion:128 Resp: 865935

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 98.065 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015847.D

Acq: 05 Oct 2023 14:01

Tgt Ion:180 Resp: 293667

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.6 15.4 46.2

