

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018096.D
 Acq On : 01 May 2024 13:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 05:47:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	312162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	518806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127126	51.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.340%	
35) Dibromofluoromethane	7.710	113	150646	50.528	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.179	98	576083	49.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.483	95	195280	48.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	96011	38.531	ug/l	96
3) Chloromethane	2.107	50	152372	46.800	ug/l	100
4) Vinyl Chloride	2.247	62	160973	45.697	ug/l	99
5) Bromomethane	2.650	94	102781	47.271	ug/l	99
6) Chloroethane	2.790	64	101239	46.148	ug/l	97
7) Trichlorofluoromethane	3.119	101	196423	41.884	ug/l	95
8) Diethyl Ether	3.522	74	72329	48.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	118234	40.399	ug/l	94
10) Methyl Iodide	4.082	142	186166	47.993	ug/l	97
11) Tert butyl alcohol	4.985	59	45629	227.529	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	133407	44.702	ug/l	95
13) Acrolein	3.729	56	77203	258.650	ug/l	99
14) Allyl chloride	4.466	41	186285	47.211	ug/l	98
15) Acrylonitrile	5.155	53	133193	235.488	ug/l	99
16) Acetone	3.948	43	122120	260.522	ug/l	93
17) Carbon Disulfide	4.186	76	405706	45.527	ug/l	97
18) Methyl Acetate	4.473	43	52602	43.817	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	329909	48.174	ug/l	99
20) Methylene Chloride	4.710	84	153369	46.692	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	150443	47.420	ug/l	94
22) Diisopropyl ether	6.106	45	384416	47.304	ug/l	92
23) Vinyl Acetate	6.052	43	1248477	242.222	ug/l	99
24) 1,1-Dichloroethane	6.009	63	232759	47.433	ug/l	99
25) 2-Butanone	6.984	43	178756	245.124	ug/l	97
26) 2,2-Dichloropropane	6.972	77	213269	46.471	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	184176	48.679	ug/l	94
28) Bromochloromethane	7.326	49	109272	55.102	ug/l	89
29) Tetrahydrofuran	7.344	42	110220	237.747	ug/l	96
30) Chloroform	7.496	83	245522	47.282	ug/l	98
31) Cyclohexane	7.777	56	189495	40.193	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	214845	45.330	ug/l	98
36) 1,1-Dichloropropene	7.911	75	172656	43.383	ug/l	98
37) Ethyl Acetate	7.070	43	80132	46.269	ug/l #	97
38) Carbon Tetrachloride	7.893	117	190710	42.219	ug/l	96
39) Methylcyclohexane	9.179	83	229834	39.319	ug/l	98
40) Benzene	8.155	78	584710	45.722	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	45383	44.435	ug/l	92
42) 1,2-Dichloroethane	8.234	62	138648	46.798	ug/l	98
43) Isopropyl Acetate	8.265	43	167140	45.936	ug/l	96
44) Trichloroethene	8.935	130	161028	44.402	ug/l	95
45) 1,2-Dichloropropane	9.210	63	127270	45.614	ug/l	94
46) Dibromomethane	9.301	93	77058	45.424	ug/l	92
47) Bromodichloromethane	9.496	83	191319	45.939	ug/l	100
48) Methyl methacrylate	9.289	41	77251	46.381	ug/l	90
49) 1,4-Dioxane	9.319	88	18428	979.131	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	417914	235.168	ug/l	95
52) Toluene	10.240	92	377747	44.632	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	186780	46.417	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	219150	46.358	ug/l #	93
55) 1,1,2-Trichloroethane	10.642	97	107945	47.310	ug/l	97
56) Ethyl methacrylate	10.508	69	149135	46.230	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	172529	47.331	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	339108	225.188	ug/l	92
59) 2-Hexanone	10.831	43	304353	239.960	ug/l	93
60) Dibromochloromethane	10.984	129	143940	46.447	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102255	46.769	ug/l	99
64) Tetrachloroethene	10.721	164	141720	43.213	ug/l	97
65) Chlorobenzene	11.514	112	434121	45.397	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	145698	45.293	ug/l	98
67) Ethyl Benzene	11.593	91	717839	44.762	ug/l	95
68) m/p-Xylenes	11.703	106	575575	89.574	ug/l	97
69) o-Xylene	12.026	106	277440	44.944	ug/l	95
70) Styrene	12.044	104	471130	45.347	ug/l	98
71) Bromoform	12.209	173	86772	46.031	ug/l #	97
73) Isopropylbenzene	12.331	105	689280	43.118	ug/l	98
74) N-amyl acetate	12.142	43	159999	45.602	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	112948	44.403	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	146377	82.116	ug/l #	100
77) Bromobenzene	12.611	156	172146	45.320	ug/l	93
78) n-propylbenzene	12.672	91	801120	43.519	ug/l	96
79) 2-Chlorotoluene	12.758	91	459196	43.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	561263	43.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43948	44.915	ug/l	96
82) 4-Chlorotoluene	12.855	91	475802	44.413	ug/l	96
83) tert-Butylbenzene	13.075	119	508755	43.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	554674	43.947	ug/l	99
85) sec-Butylbenzene	13.251	105	727206	42.962	ug/l	98
86) p-Isopropyltoluene	13.367	119	617260	43.758	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	327019	45.013	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	325059	45.396	ug/l	98
89) n-Butylbenzene	13.697	91	547584	43.865	ug/l	97
90) Hexachloroethane	13.959	117	124227	43.346	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	288775	45.616	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16966	44.216	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	166384	47.026	ug/l	99
94) Hexachlorobutadiene	15.111	225	84615	43.205	ug/l	98
95) Naphthalene	15.233	128	307240	47.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	140729	47.667	ug/l	99

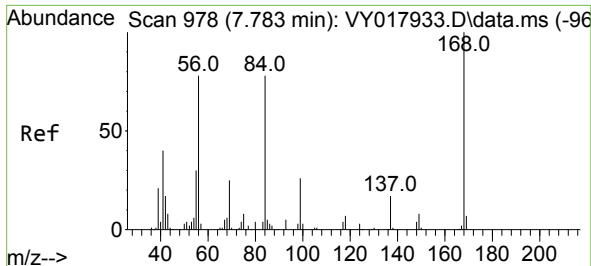
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
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Response via : Initial Calibration

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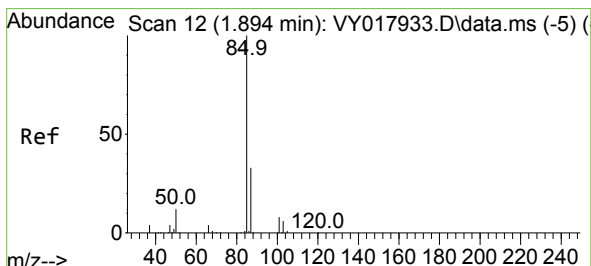
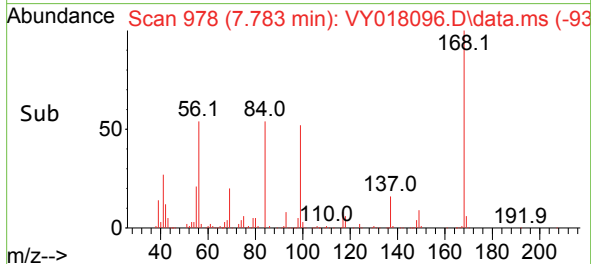
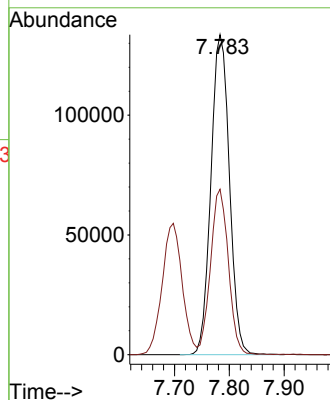
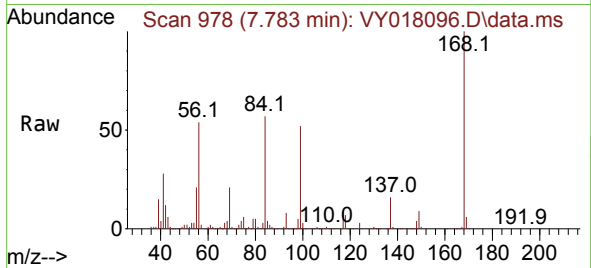
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

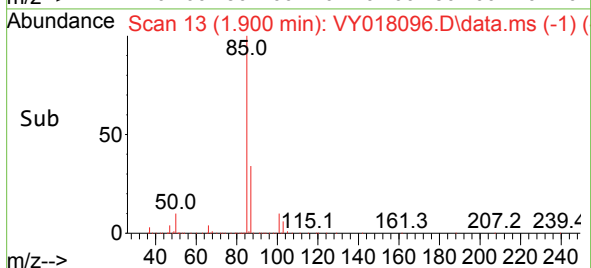
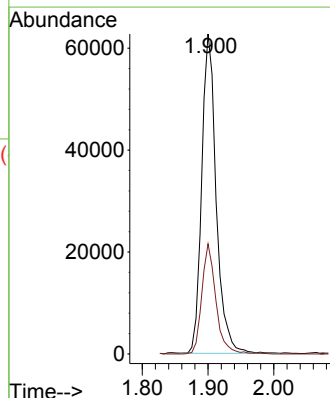
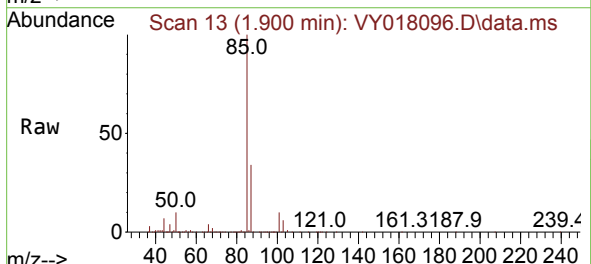
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ClientSampleId :

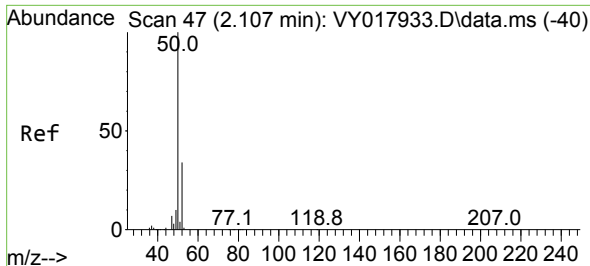
Tgt Ion:168 Resp: 312162
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 38.531 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 85 Resp: 96011
Ion Ratio Lower Upper
85 100
87 34.5 16.0 48.0

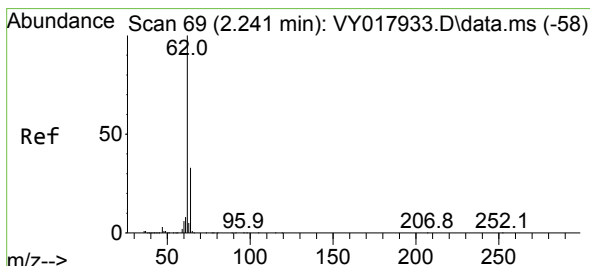
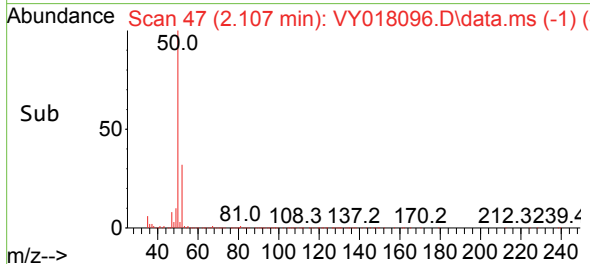
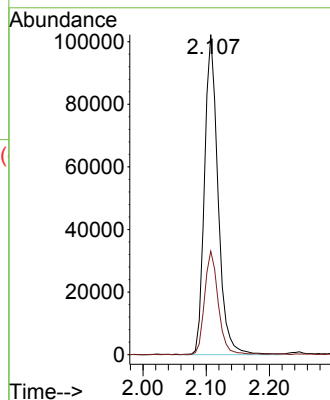
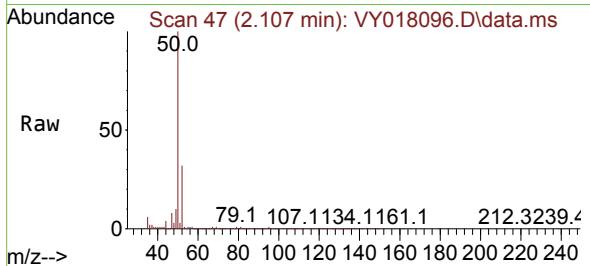




#3
Chloromethane
Concen: 46.800 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

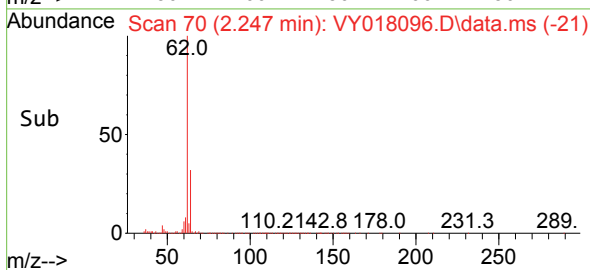
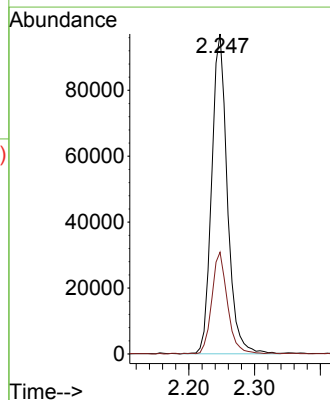
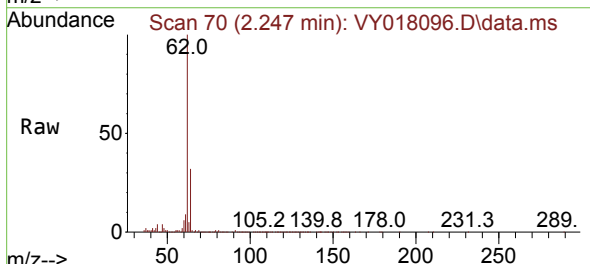
Instrument :
MSVOA_Y
ClientSampleId :

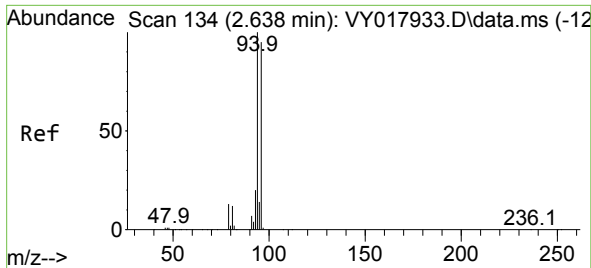
Tgt Ion: 50 Resp: 152372
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 45.697 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 62 Resp: 160973
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

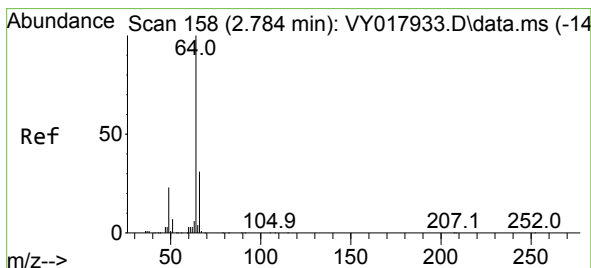
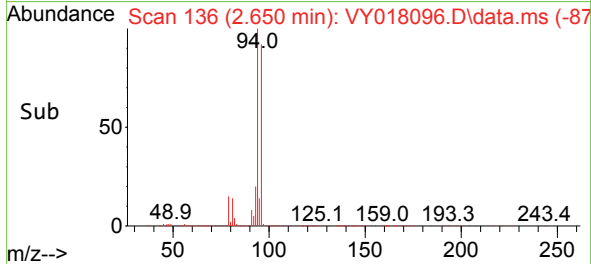
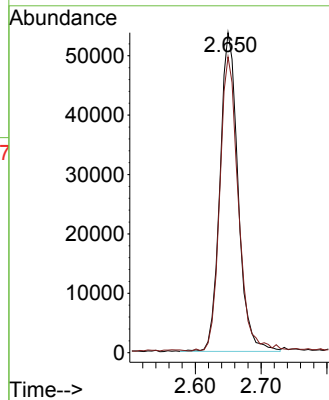
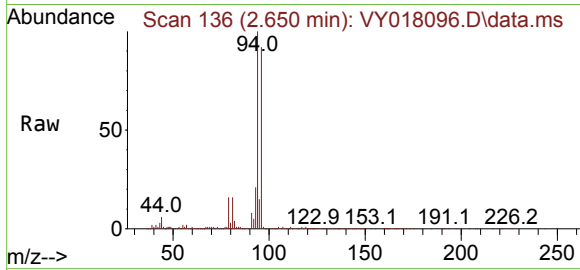




#5
Bromomethane
Concen: 47.271 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

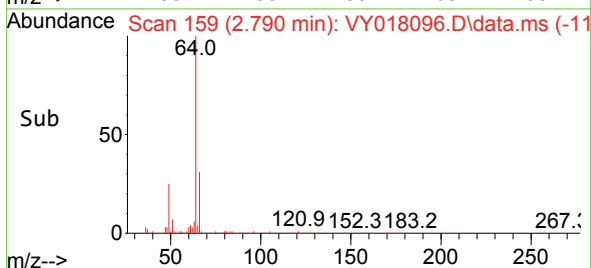
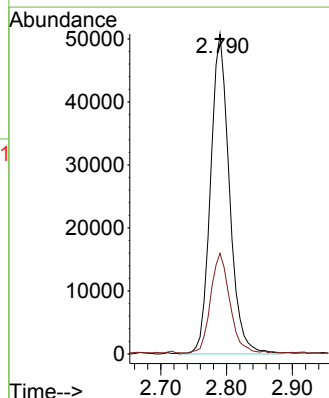
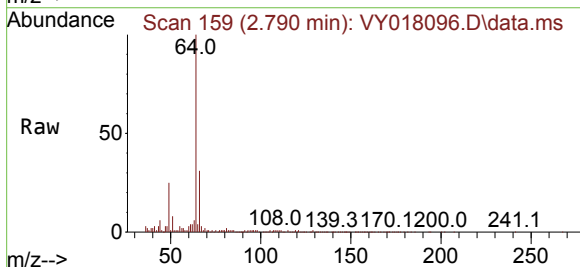
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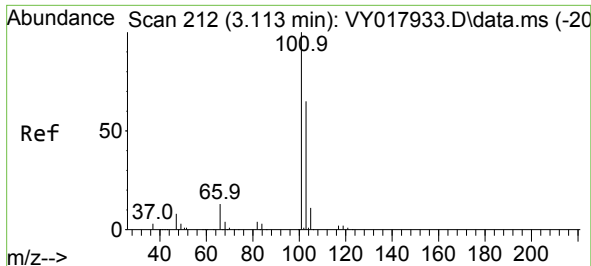
Tgt Ion: 94 Resp: 102781
Ion Ratio Lower Upper
94 100
96 92.0 74.1 111.1



#6
Chloroethane
Concen: 46.148 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 64 Resp: 101239
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1

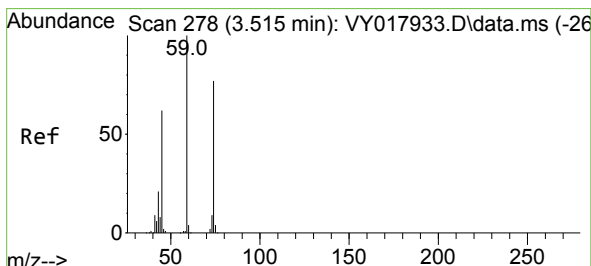
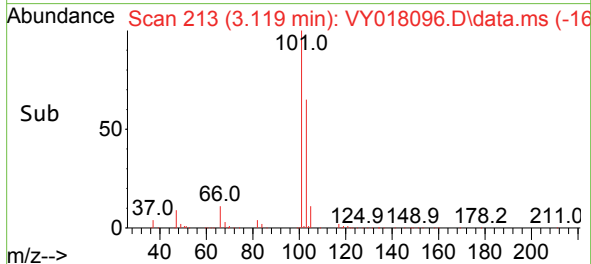
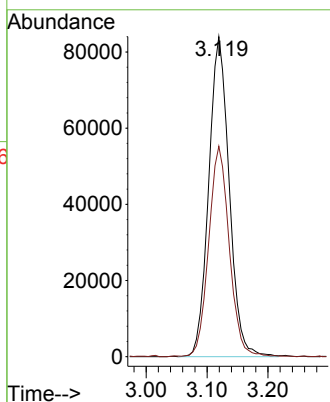
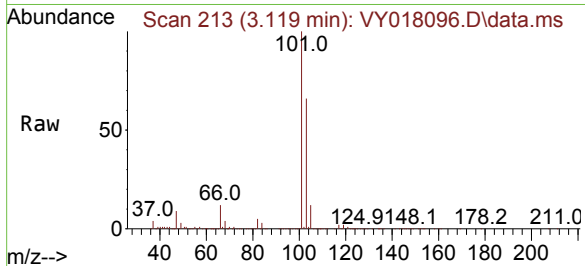




#7
 Trichlorofluoromethane
 Concen: 41.884 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

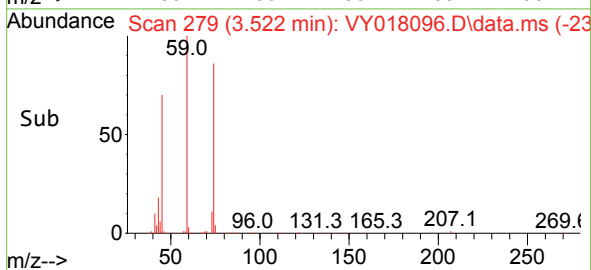
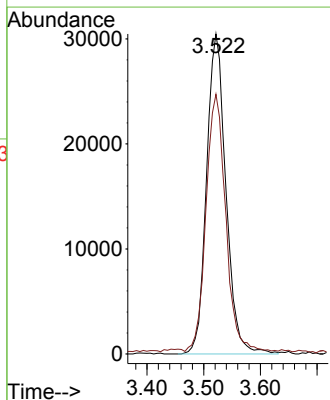
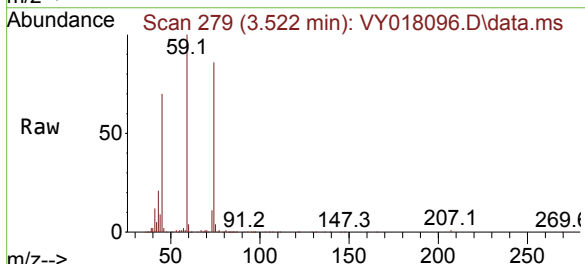
Instrument :
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 ClientSampleId :

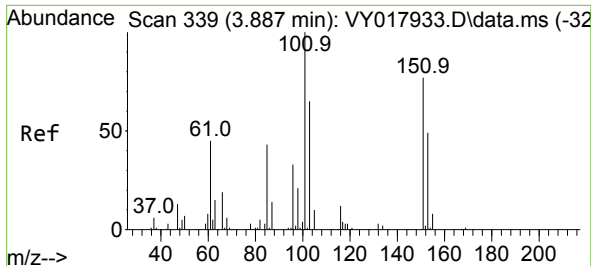
Tgt Ion:101 Resp: 196423
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.034 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

Tgt Ion: 74 Resp: 72329
 Ion Ratio Lower Upper
 74 100
 45 81.5 41.3 124.1

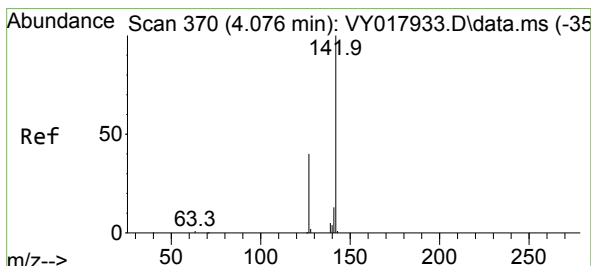
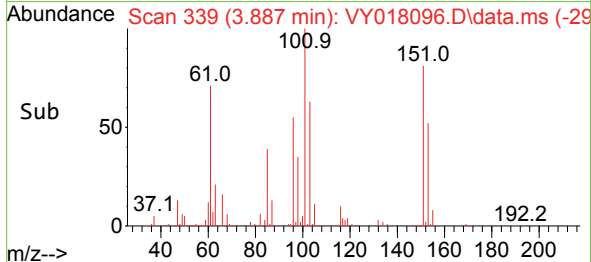
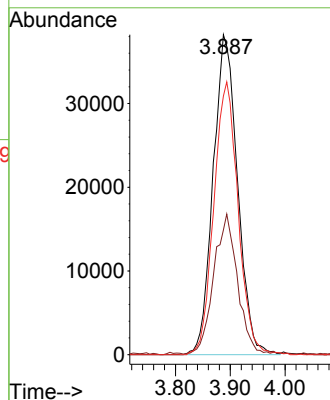
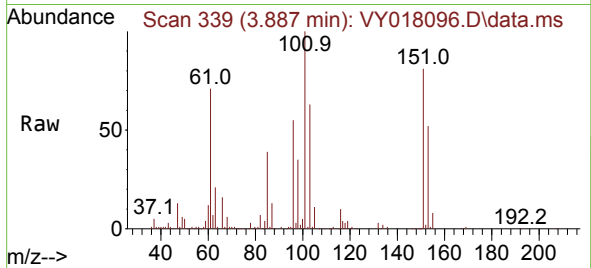




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.399 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018096.D
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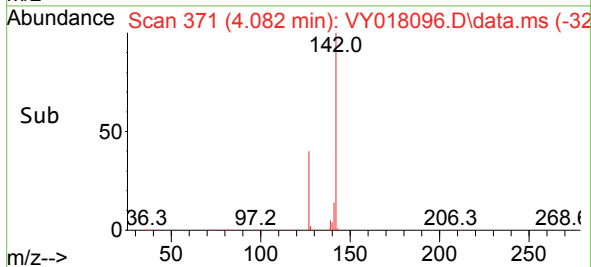
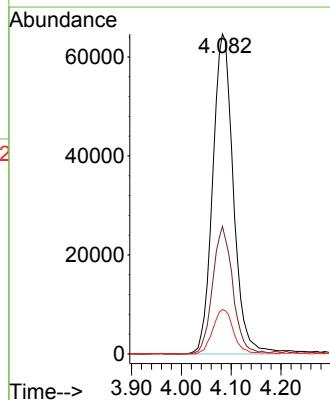
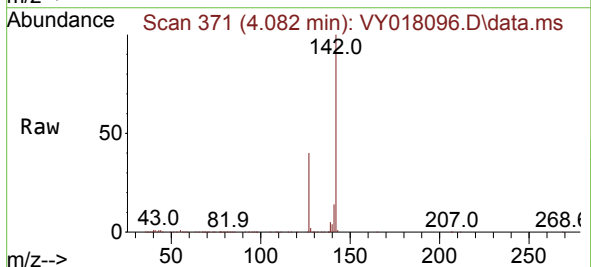
Instrument :
MSVOA_Y
ClientSampleId :

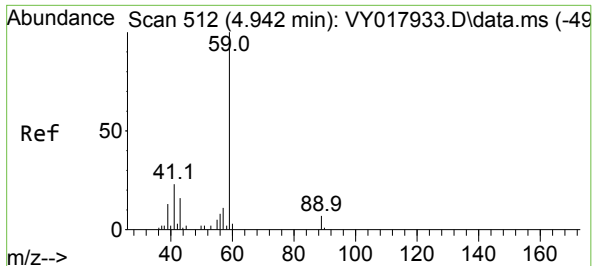
Tgt Ion:101 Resp: 118234
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 84.9 61.7 92.5



#10
Methyl Iodide
Concen: 47.993 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion:142 Resp: 186166
Ion Ratio Lower Upper
142 100
127 38.9 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 227.529 ug/l

RT: 4.985 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

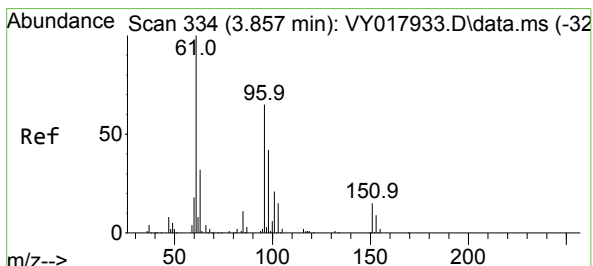
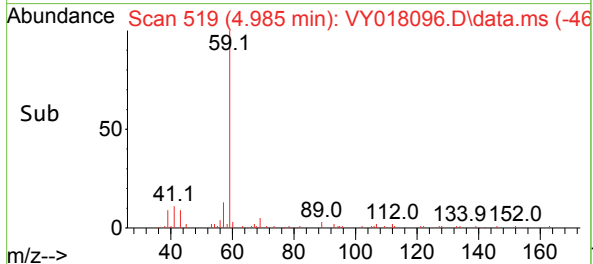
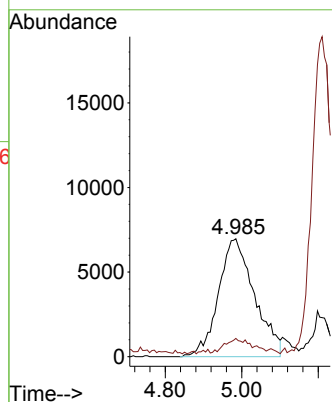
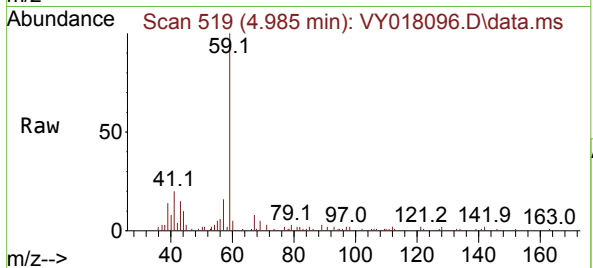
ClientSampleId :

Tgt Ion: 59 Resp: 45629

Ion Ratio Lower Upper

59 100

57 8.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 44.702 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

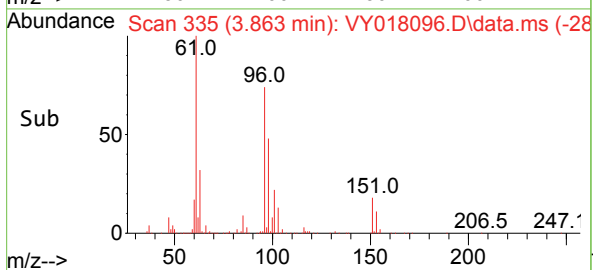
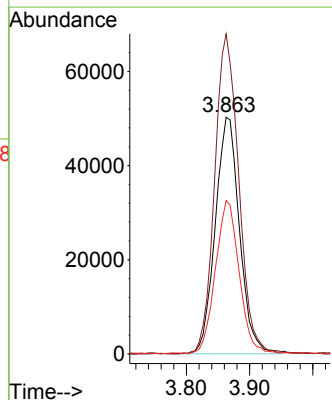
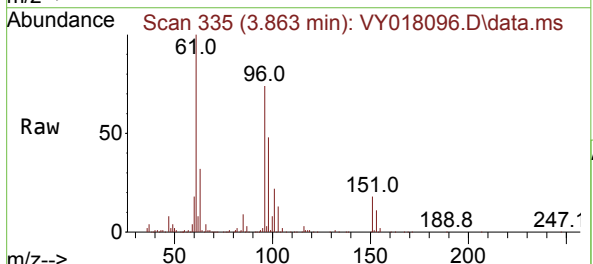
Tgt Ion: 96 Resp: 133407

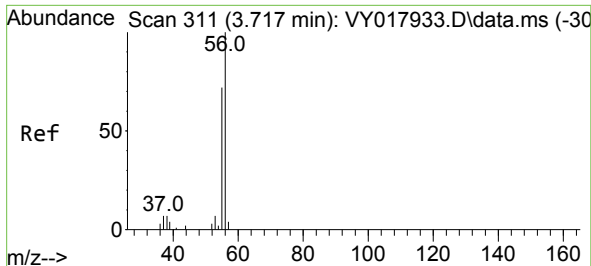
Ion Ratio Lower Upper

96 100

61 135.1 114.6 171.8

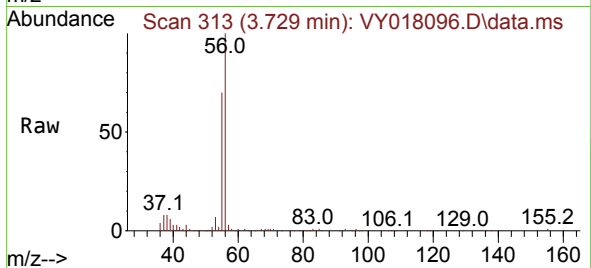
98 64.5 50.8 76.2



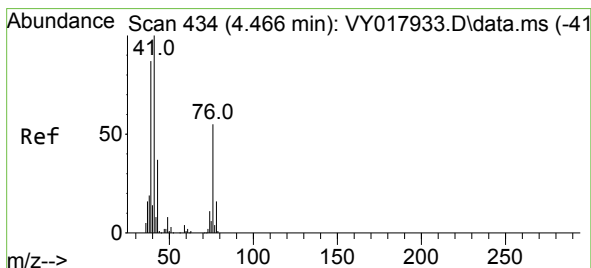
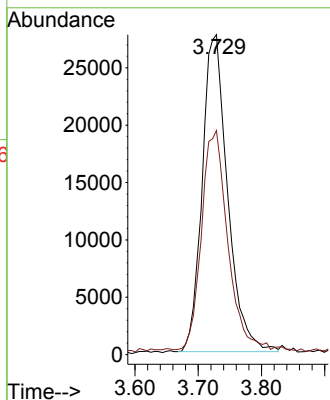
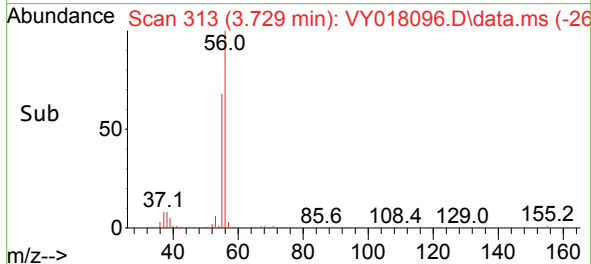


#13
Acrolein
Concen: 258.650 ug/l
RT: 3.729 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

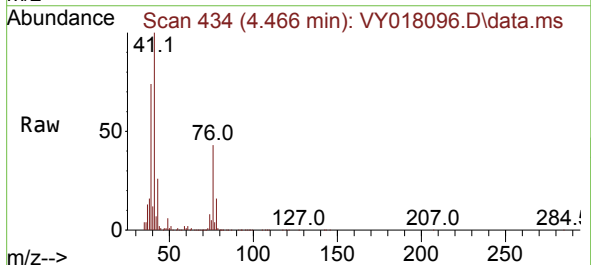
Instrument :
MSVOA_Y
ClientSampleId :



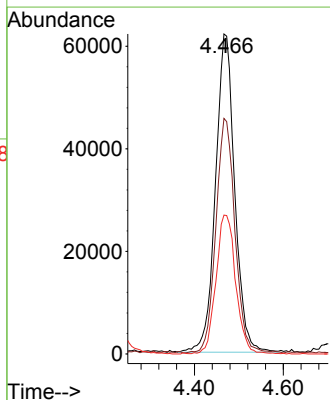
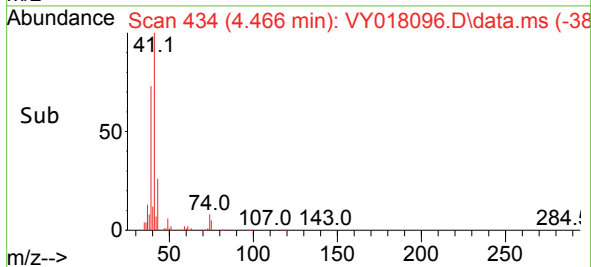
Tgt Ion: 56 Resp: 77203
Ion Ratio Lower Upper
56 100
55 70.7 55.7 83.5

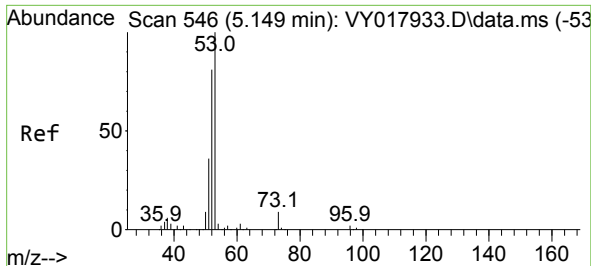


#14
Allyl chloride
Concen: 47.211 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57



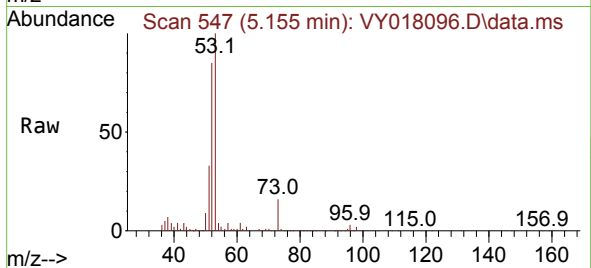
Tgt Ion: 41 Resp: 186285
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 44.9 39.0 58.6



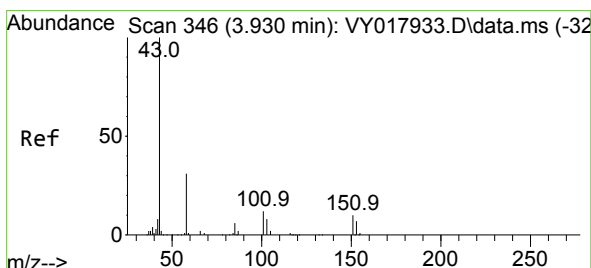
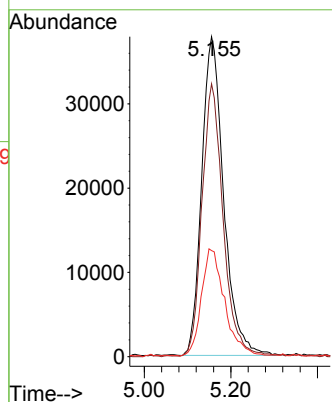
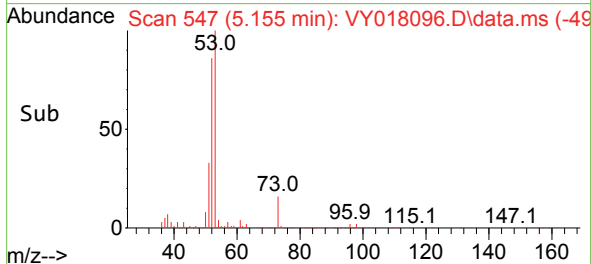


#15
Acrylonitrile
Concen: 235.488 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

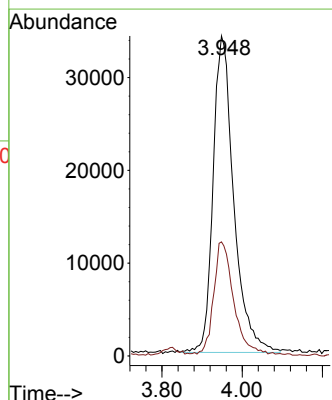
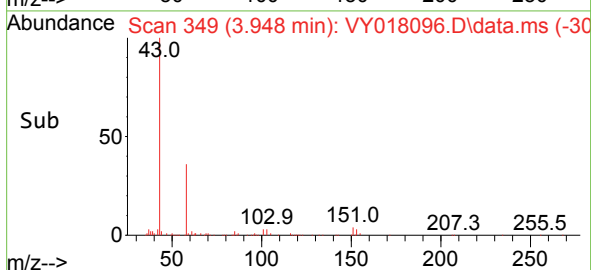
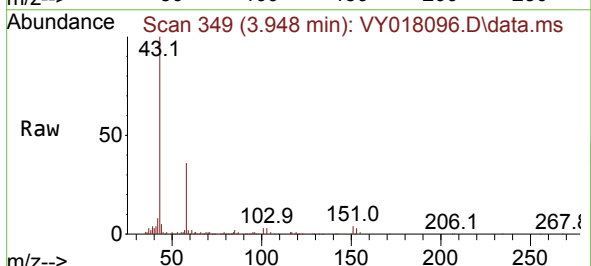


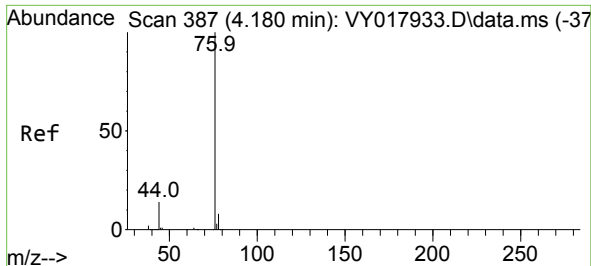
Tgt Ion: 53 Resp: 133193
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 35.8 28.4 42.6



#16
Acetone
Concen: 260.522 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 43 Resp: 122120
Ion Ratio Lower Upper
43 100
58 35.3 31.7 47.5

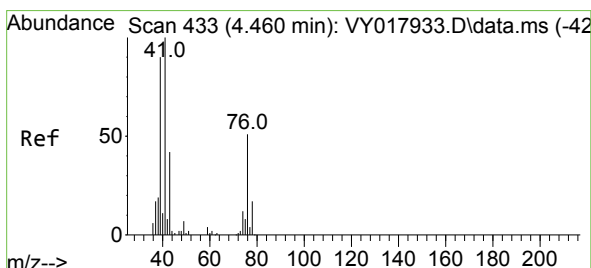
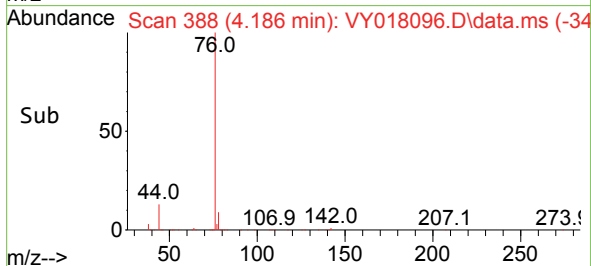
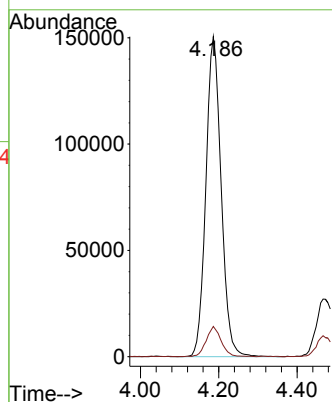
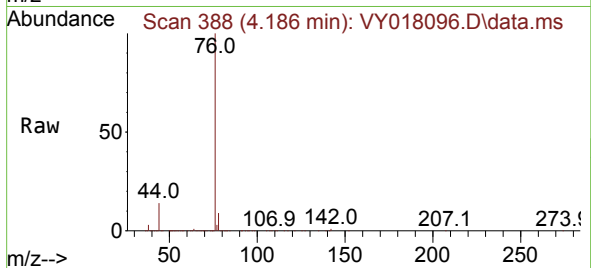




#17
Carbon Disulfide
Concen: 45.527 ug/l
RT: 4.186 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

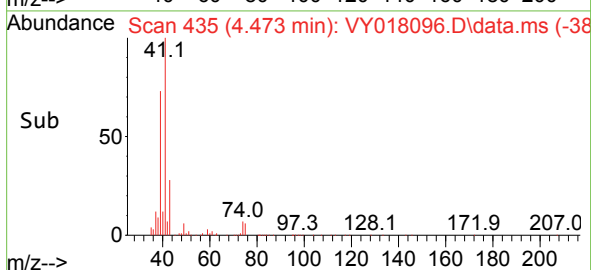
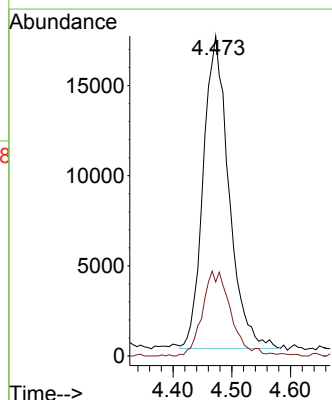
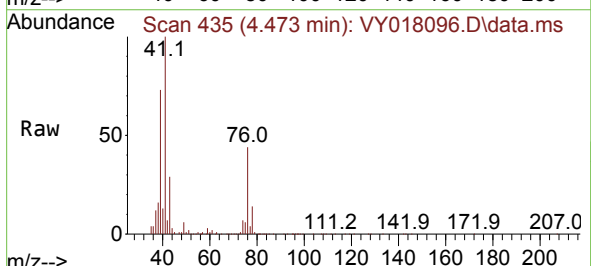
Instrument :
MSVOA_Y
ClientSampleId :

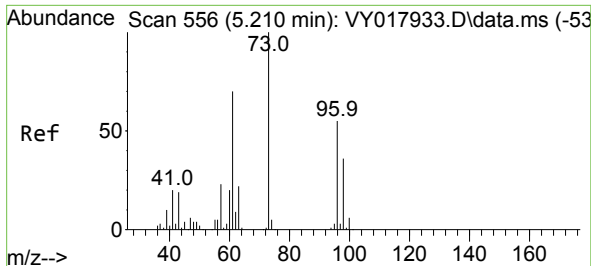
Tgt Ion: 76 Resp: 405706
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 43.817 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 43 Resp: 52602
Ion Ratio Lower Upper
43 100
74 29.9 23.3 34.9

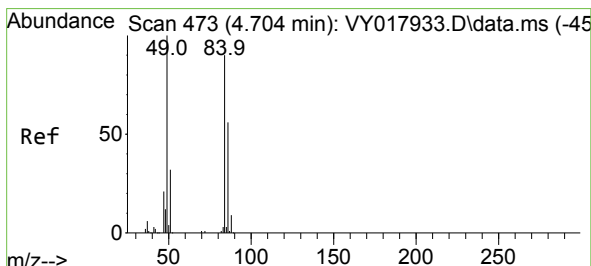
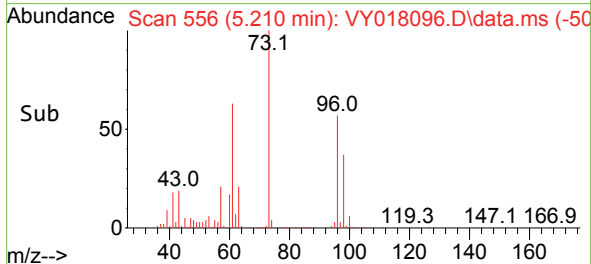
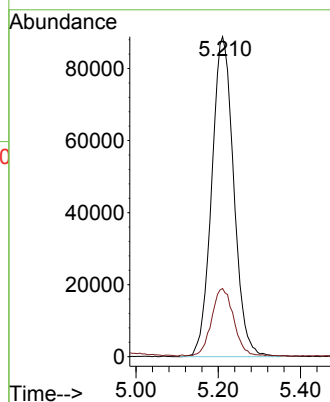
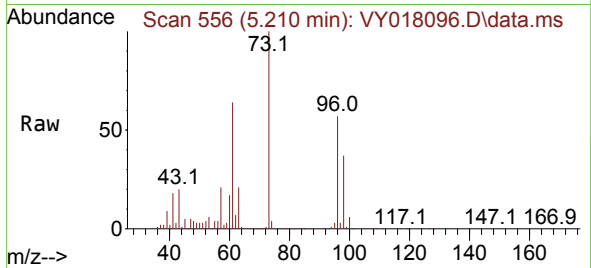




#19
Methyl tert-butyl Ether
Concen: 48.174 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

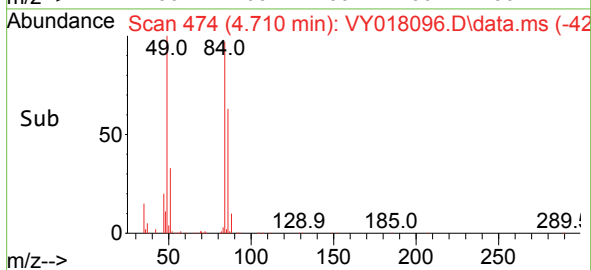
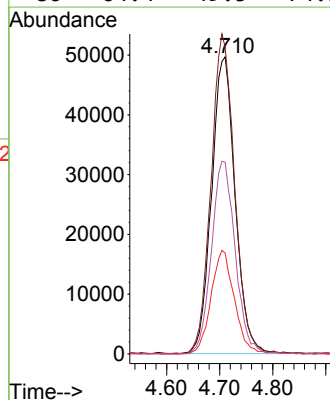
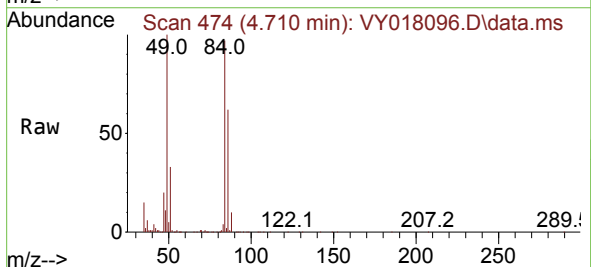
Instrument :
MSVOA_Y
ClientSampleId :

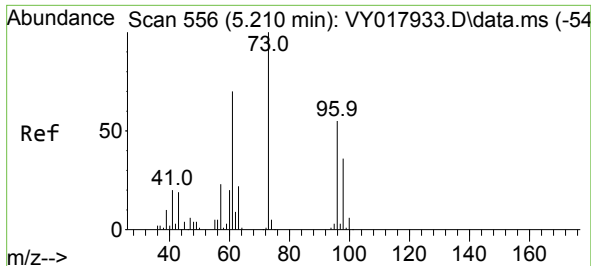
Tgt Ion: 73 Resp: 329909
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 46.692 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

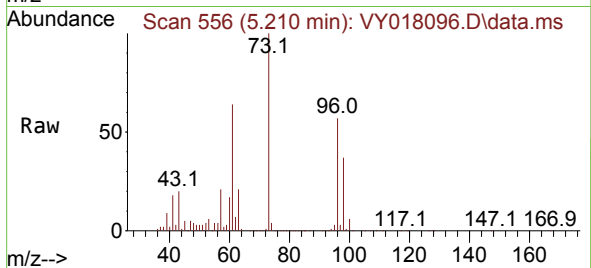
Tgt Ion: 84 Resp: 153369
Ion Ratio Lower Upper
84 100
49 103.3 84.4 126.6
51 33.8 26.0 39.0
86 64.4 49.5 74.3



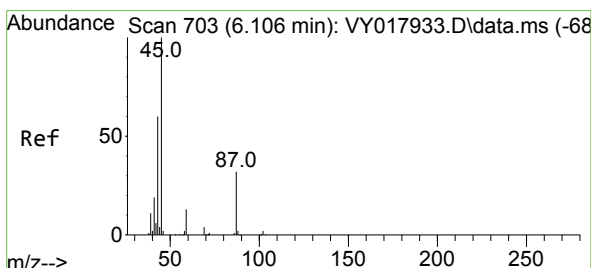
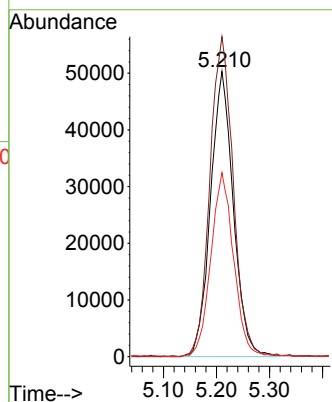
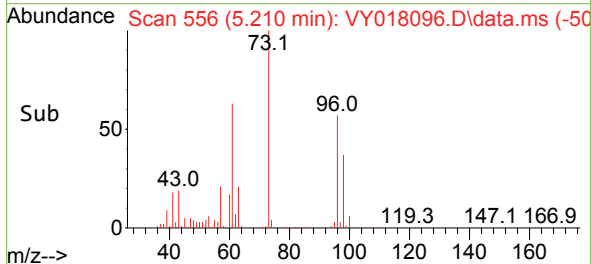


#21
trans-1,2-Dichloroethene
Concen: 47.420 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

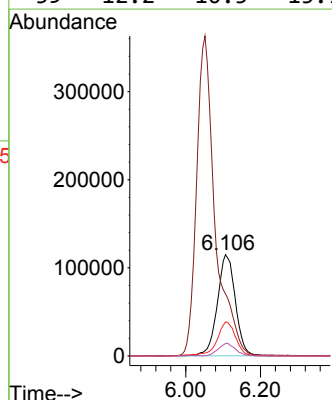
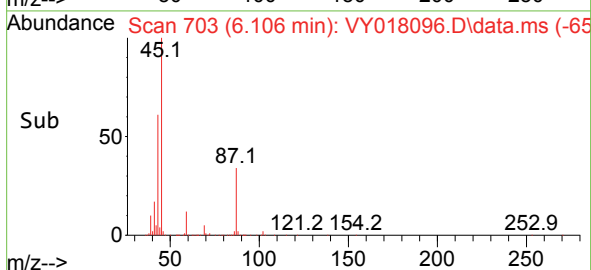
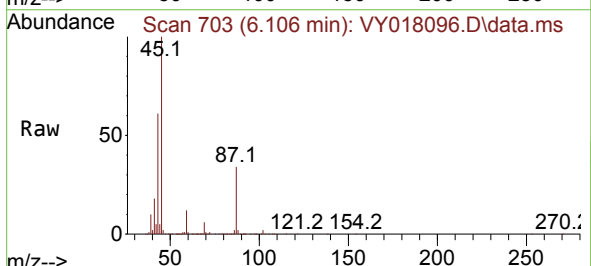


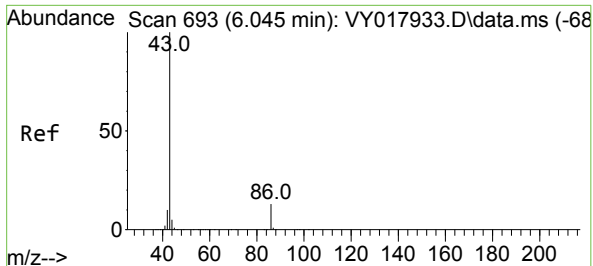
Tgt Ion: 96 Resp: 150443
Ion Ratio Lower Upper
96 100
61 112.2 97.5 146.3
98 64.3 50.5 75.7



#22
Diisopropyl ether
Concen: 47.304 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

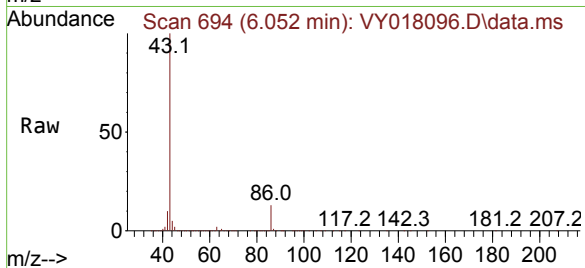
Tgt Ion: 45 Resp: 384416
Ion Ratio Lower Upper
45 100
43 60.8 42.2 63.2
87 33.7 25.0 37.6
59 12.2 10.5 15.7



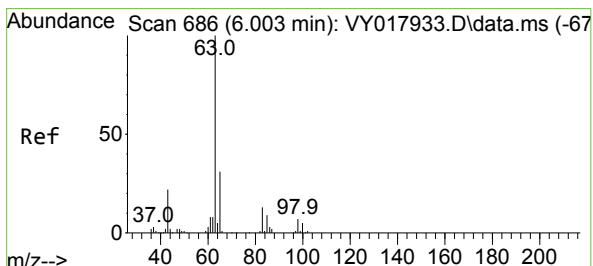
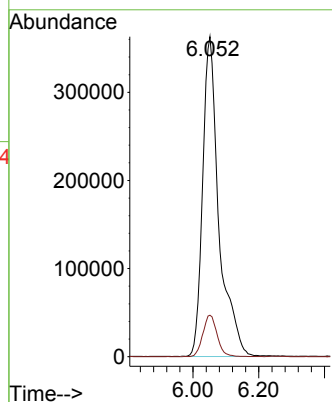
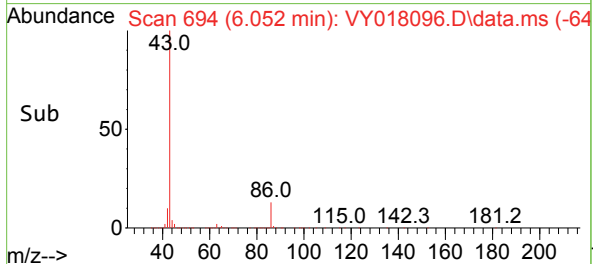


#23
Vinyl Acetate
Concen: 242.222 ug/l
RT: 6.052 min Scan# 694
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

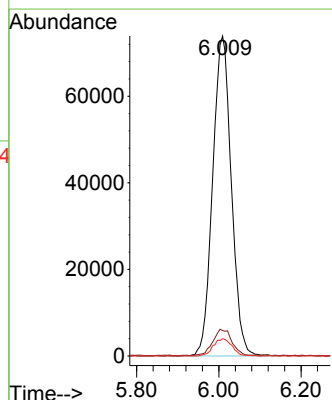
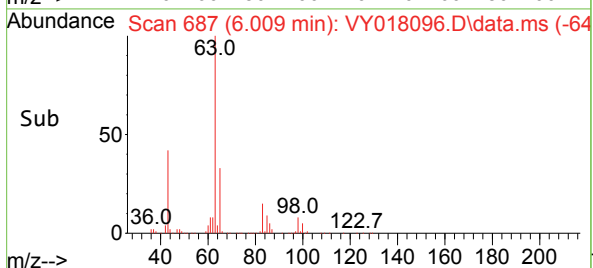
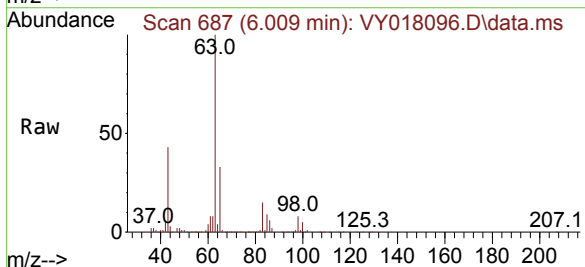


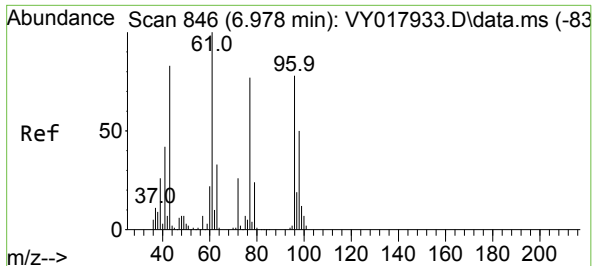
Tgt Ion: 43 Resp: 1248477
Ion Ratio Lower Upper
43 100
86 12.9 10.6 16.0



#24
1,1-Dichloroethane
Concen: 47.433 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 63 Resp: 232759
Ion Ratio Lower Upper
63 100
98 7.9 4.0 12.2
100 5.4 2.6 8.0





#25

2-Butanone

Concen: 245.124 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

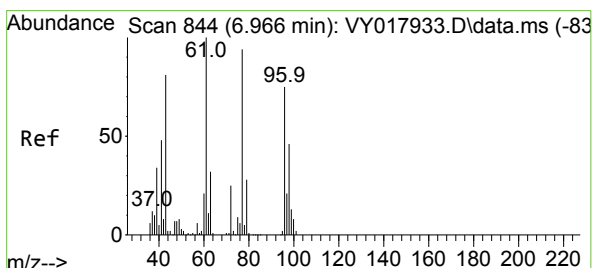
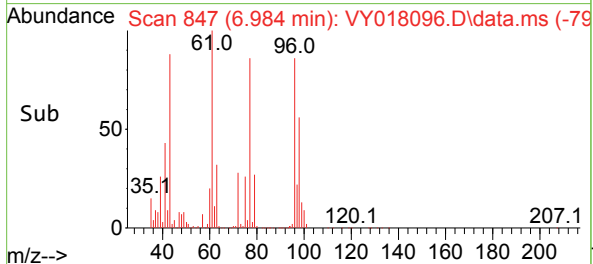
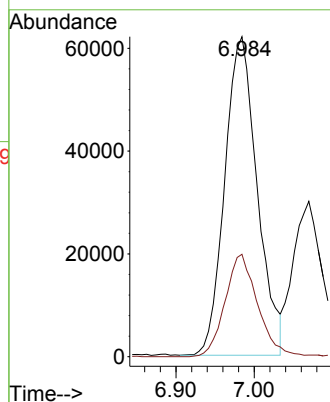
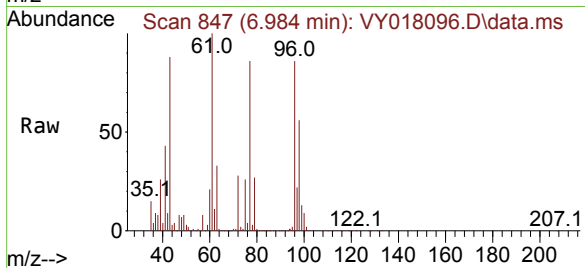
ClientSampleId :

Tgt Ion: 43 Resp: 178756

Ion Ratio Lower Upper

43 100

72 32.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 46.471 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018096.D

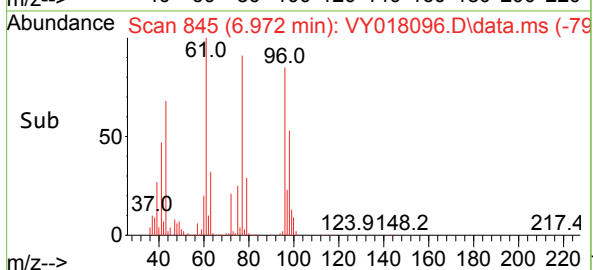
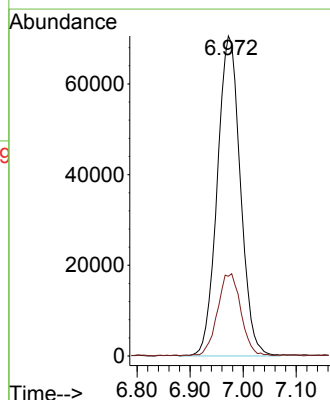
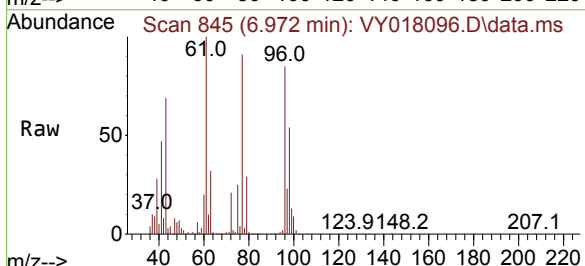
Acq: 01 May 2024 13:57

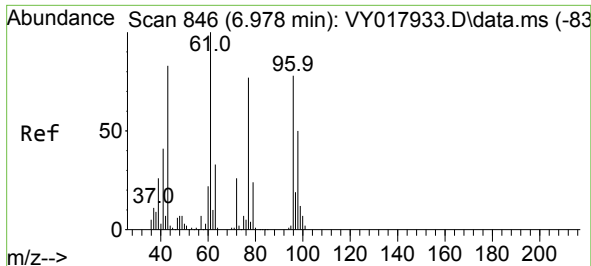
Tgt Ion: 77 Resp: 213269

Ion Ratio Lower Upper

77 100

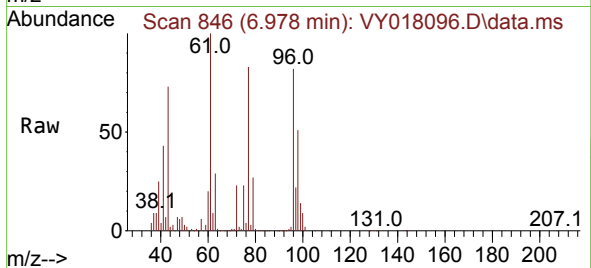
97 26.0 12.0 36.1





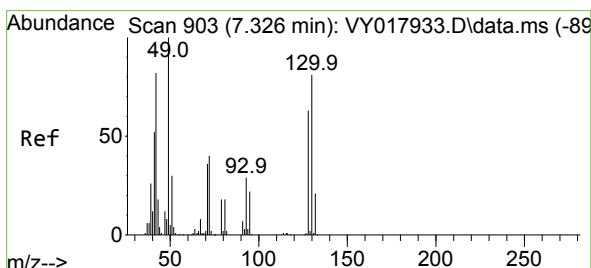
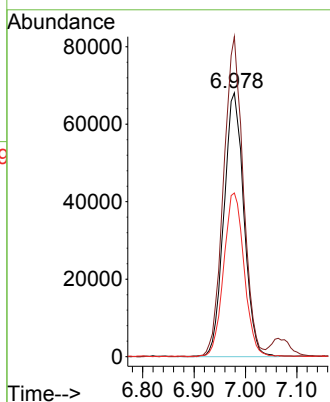
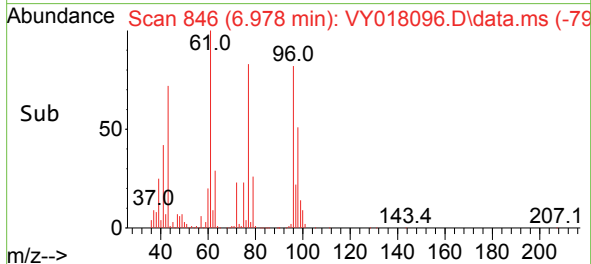
#27
 cis-1,2-Dichloroethene
 Concen: 48.679 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 184176

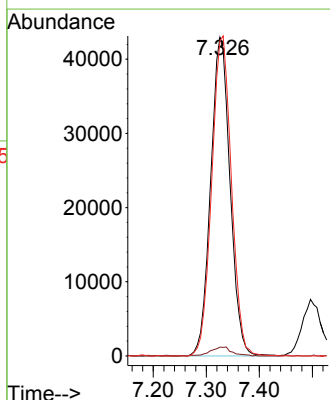
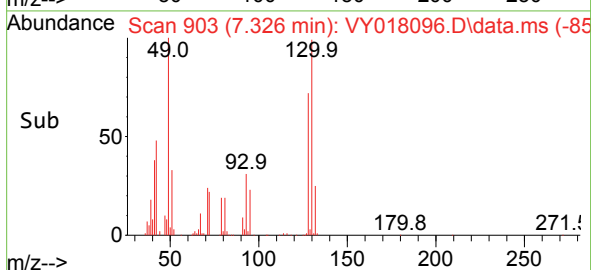
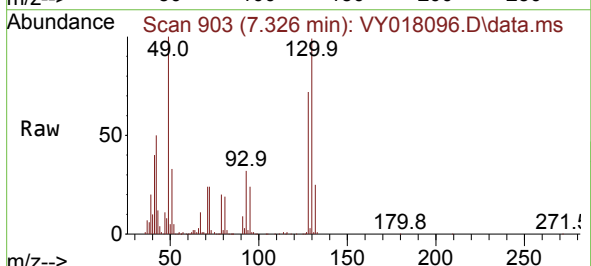
Ion	Ratio	Lower	Upper
96	100		
61	119.6	0.0	256.2
98	63.1	0.0	130.0

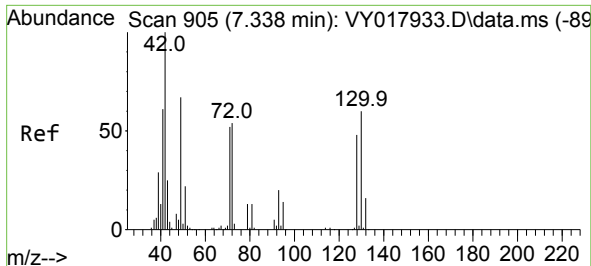


#28
 Bromochloromethane
 Concen: 55.102 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.012 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

Tgt Ion: 49 Resp: 109272

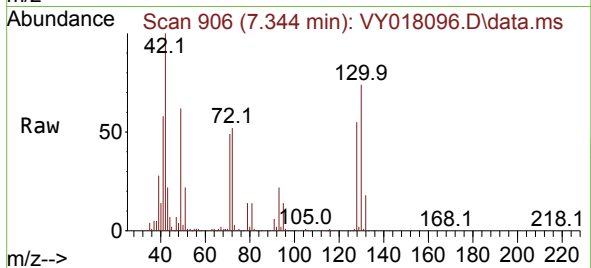
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.6
130	101.7	72.7	109.1



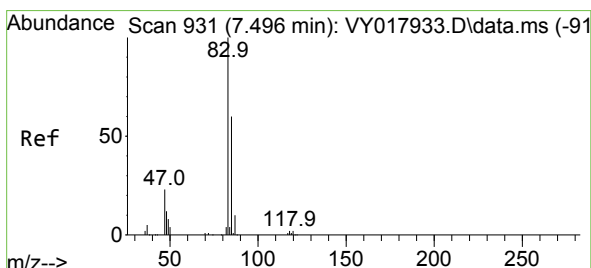
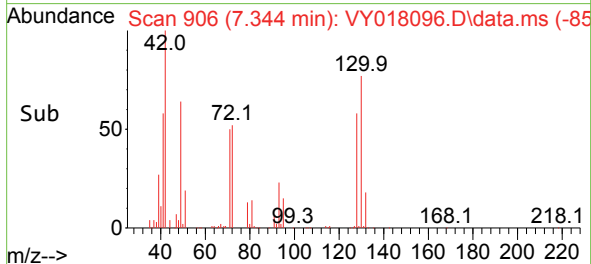
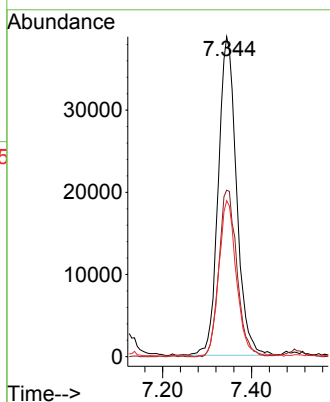


#29
Tetrahydrofuran
Concen: 237.747 ug/l
RT: 7.344 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

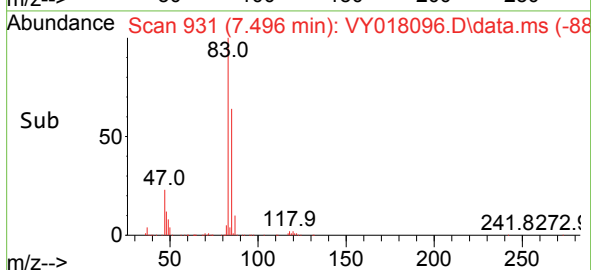
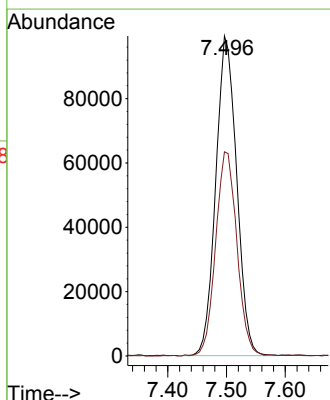
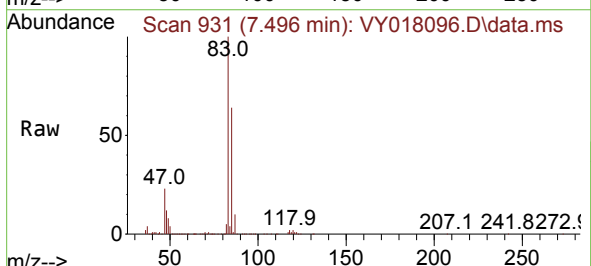


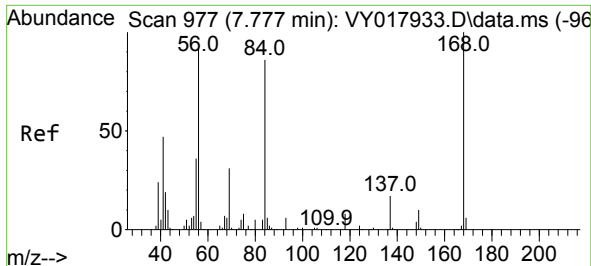
Tgt Ion: 42 Resp: 110220
Ion Ratio Lower Upper
42 100
72 52.0 43.0 64.4
71 47.4 40.8 61.2



#30
Chloroform
Concen: 47.282 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

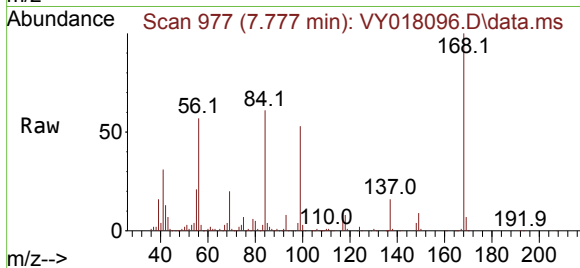
Tgt Ion: 83 Resp: 245522
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4



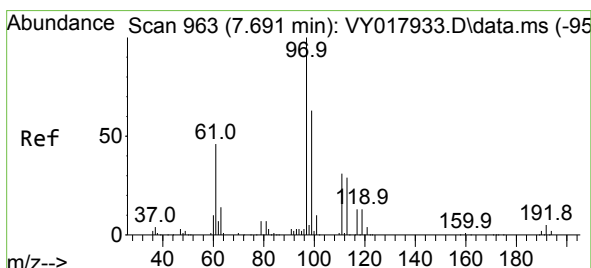
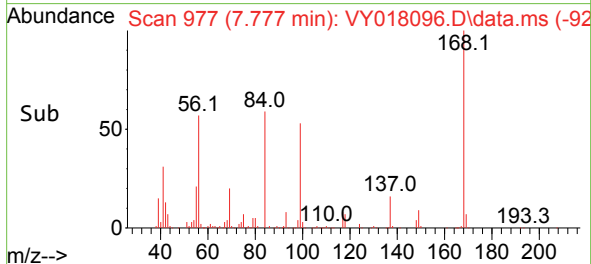
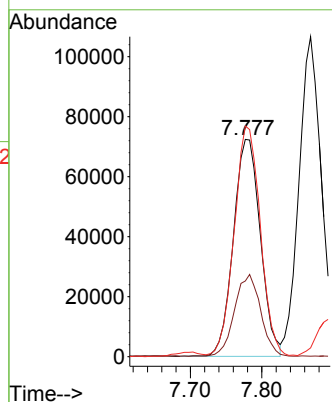


#31
Cyclohexane
Concen: 40.193 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

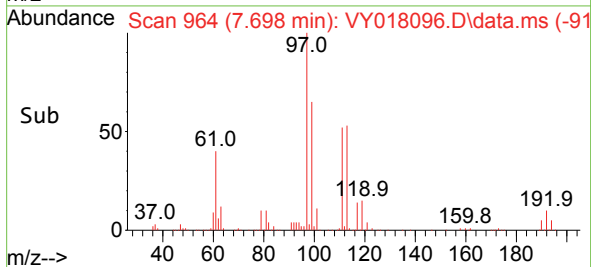
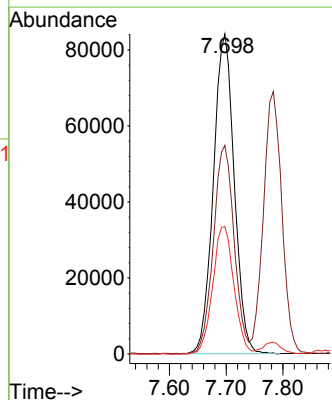
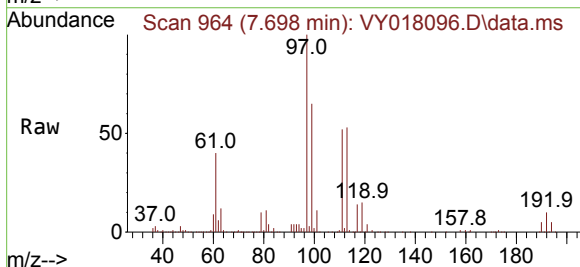


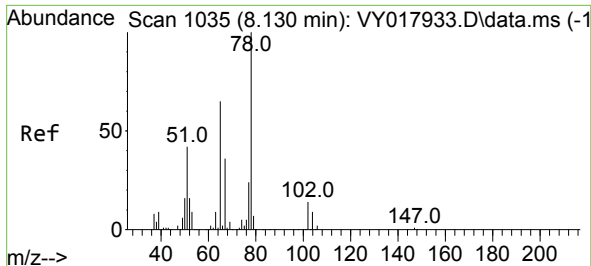
Tgt Ion: 56 Resp: 189495
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 104.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.330 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 97 Resp: 214845
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 40.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.665 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

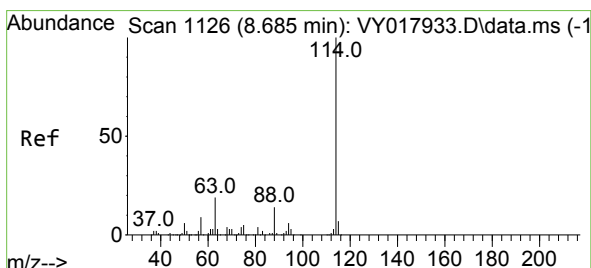
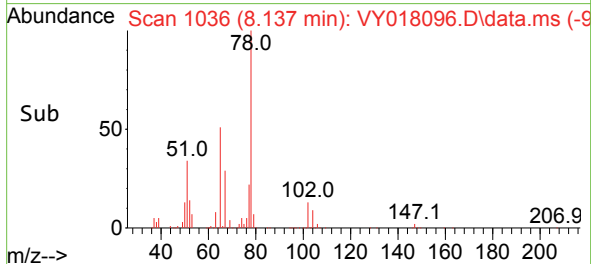
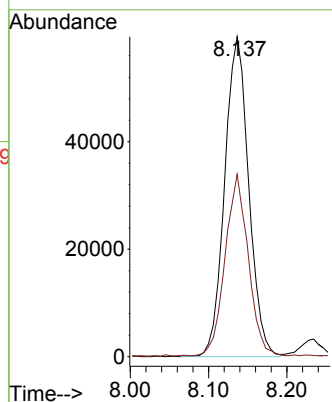
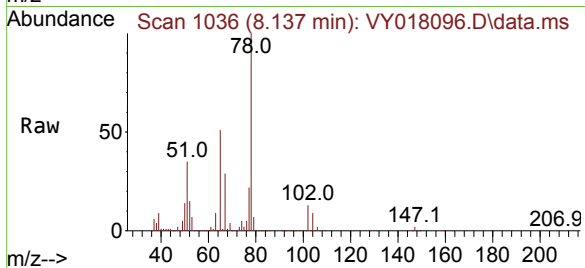
ClientSampleId :

Tgt Ion: 65 Resp: 127126

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

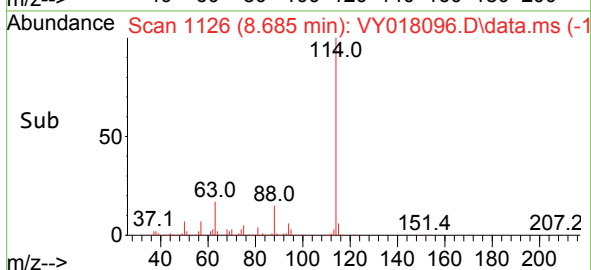
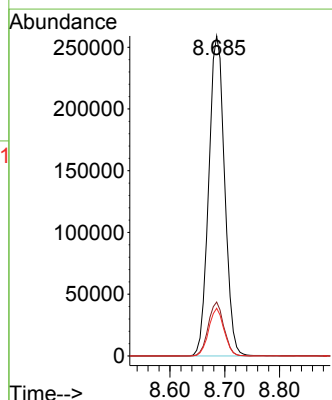
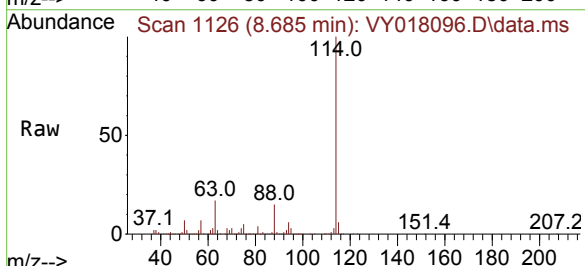
Tgt Ion: 114 Resp: 518806

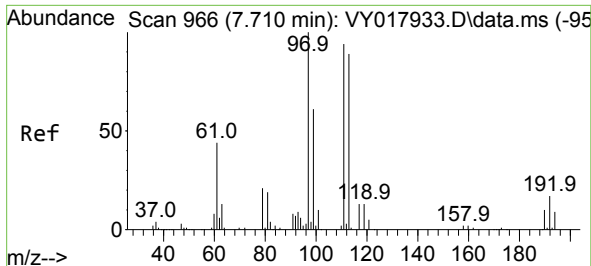
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

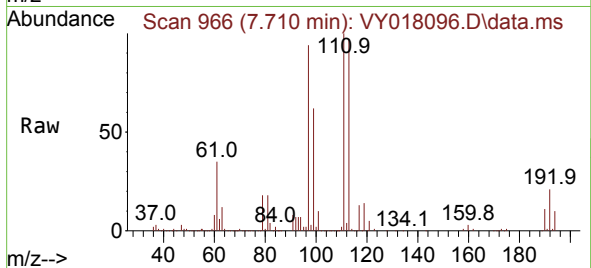
88 14.9 0.0 27.2



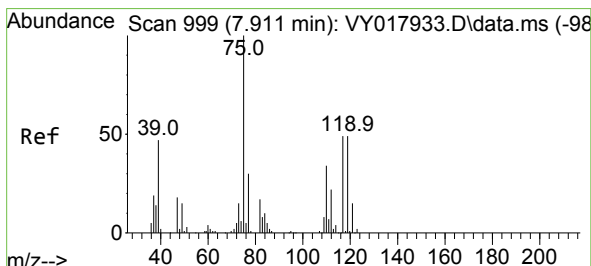
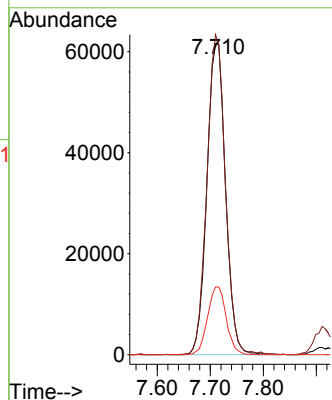
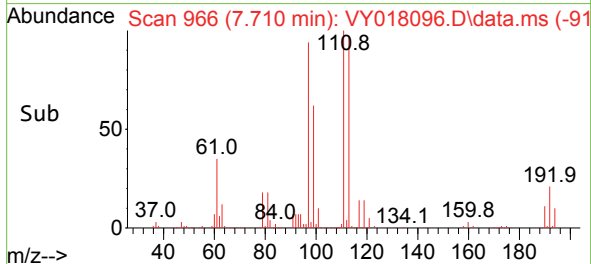


#35
Dibromofluoromethane
Concen: 50.528 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

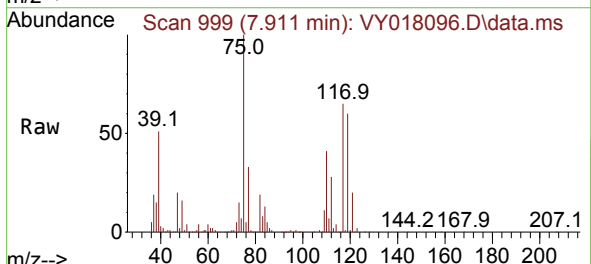
Instrument :
MSVOA_Y
ClientSampleId :



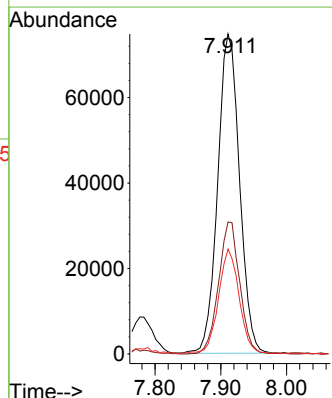
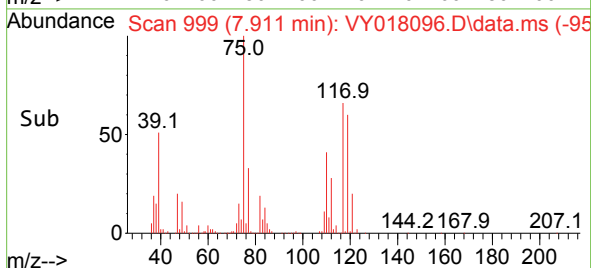
Tgt Ion:113 Resp: 150646
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.8 15.9 23.9

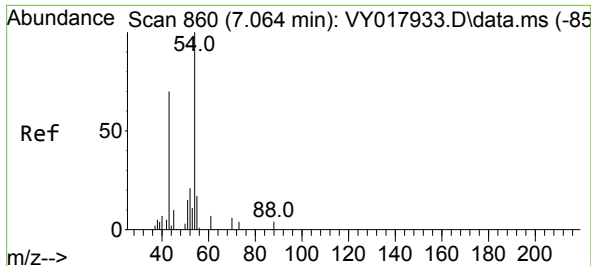


#36
1,1-Dichloropropene
Concen: 43.383 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57



Tgt Ion: 75 Resp: 172656
Ion Ratio Lower Upper
75 100
110 40.1 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 46.269 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

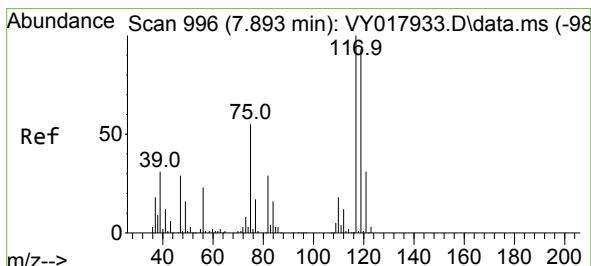
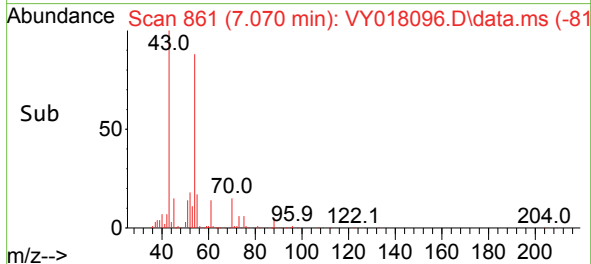
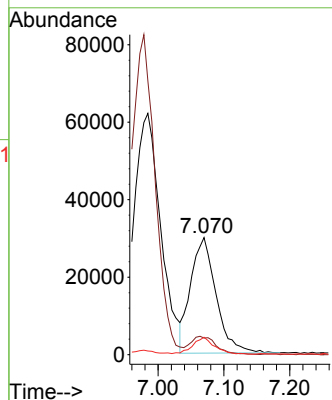
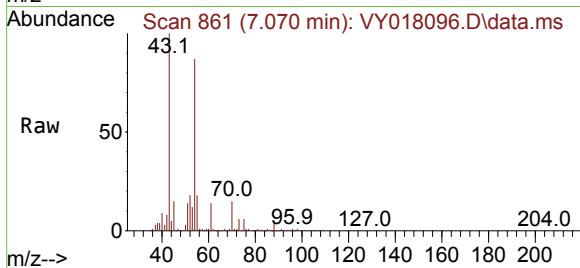
Tgt Ion: 43 Resp: 80132

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 12.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 42.219 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.012 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

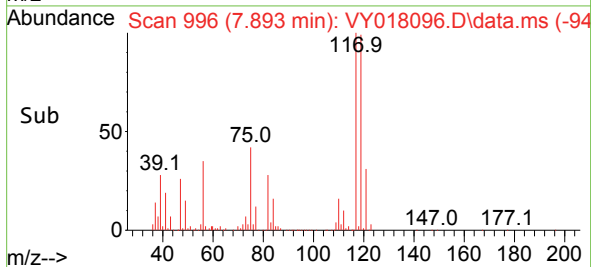
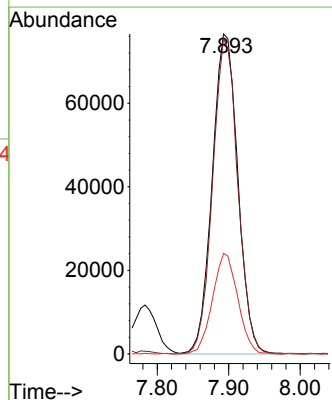
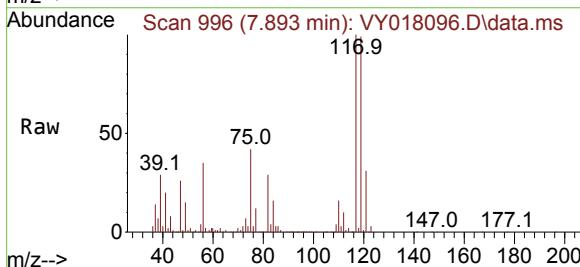
Tgt Ion: 117 Resp: 190710

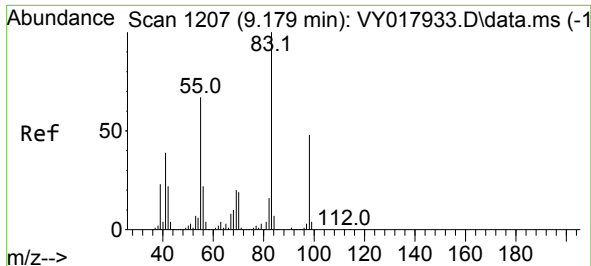
Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.6

121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 39.319 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

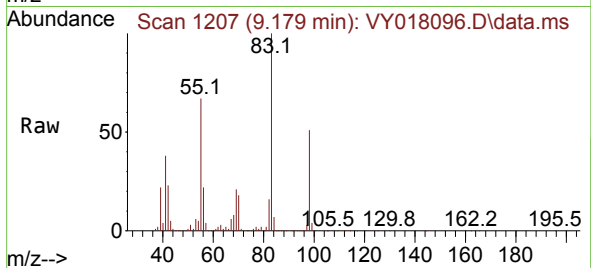
Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :



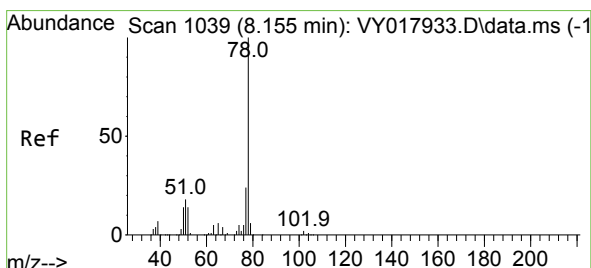
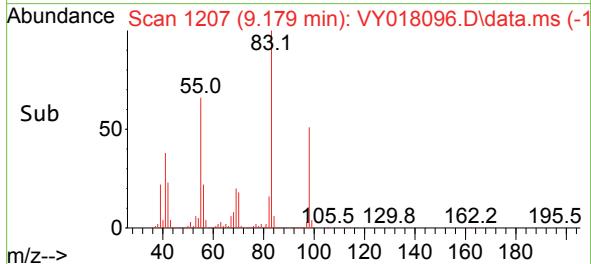
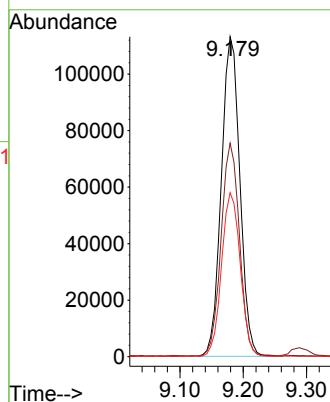
Tgt Ion: 83 Resp: 229834

Ion	Ratio	Lower	Upper
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83	100		
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55	66.4	51.5	77.3
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98	51.2	40.5	60.7
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#40

Benzene

Concen: 45.722 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY018096.D

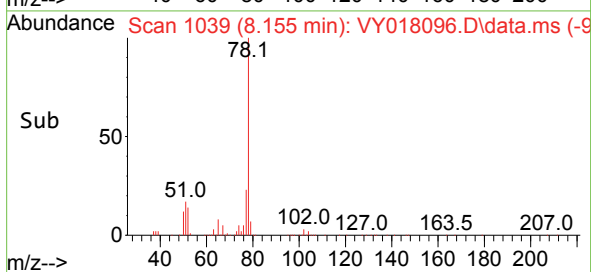
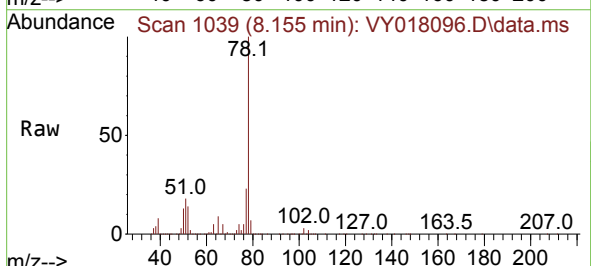
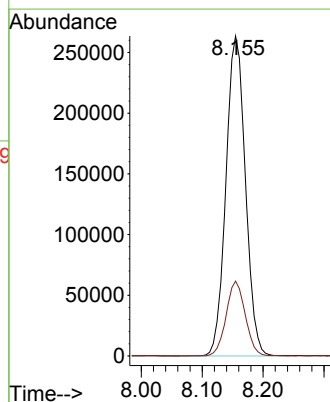
Acq: 01 May 2024 13:57

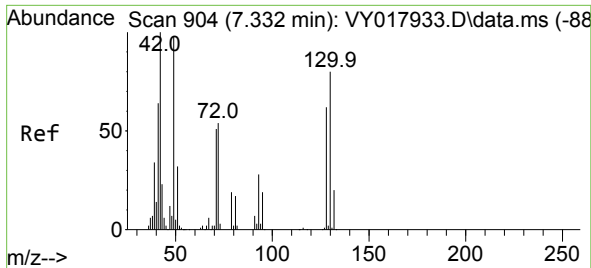
Tgt Ion: 78 Resp: 584710

Ion	Ratio	Lower	Upper
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78	100		
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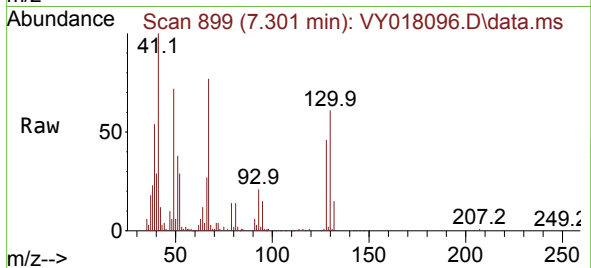
77	23.4	19.5	29.3
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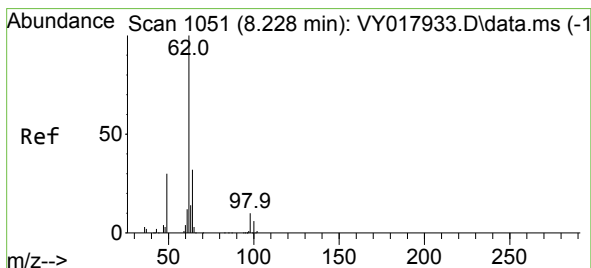
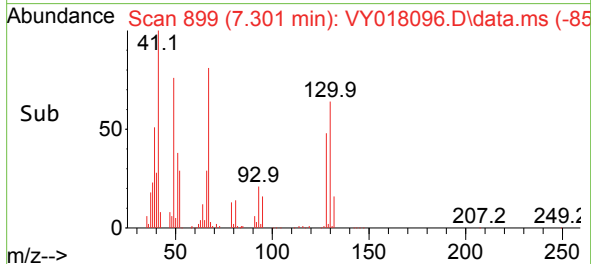
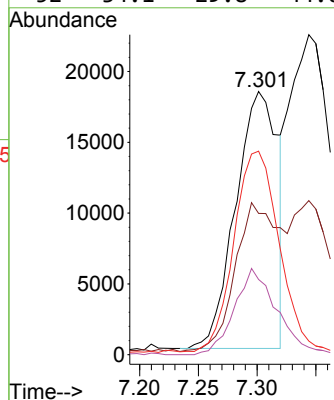
#41
Methacrylonitrile
Concen: 44.435 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.031 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 45383

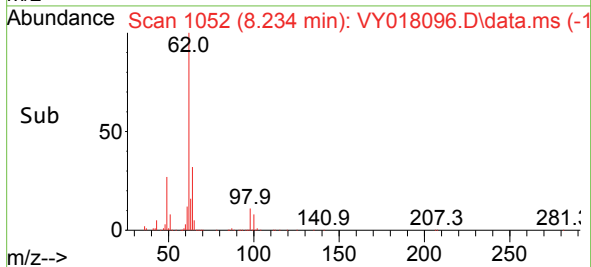
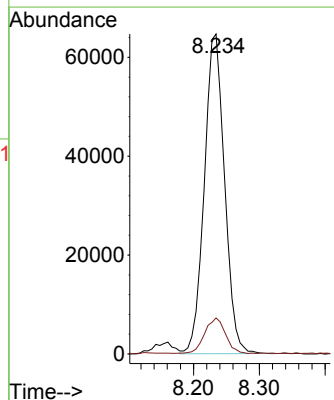
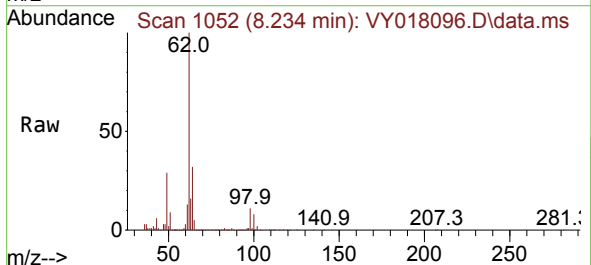
Ion	Ratio	Lower	Upper
41	100		
39	63.8	48.0	72.0
67	83.8	75.1	112.7
52	34.1	29.8	44.6

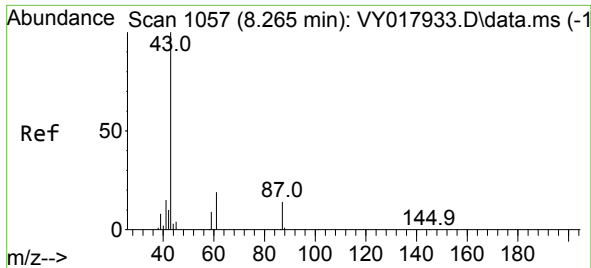


#42
1,2-Dichloroethane
Concen: 46.798 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 62 Resp: 138648

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0

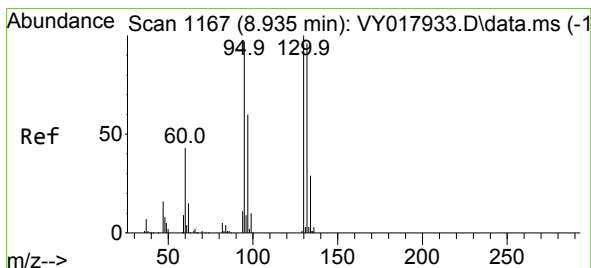
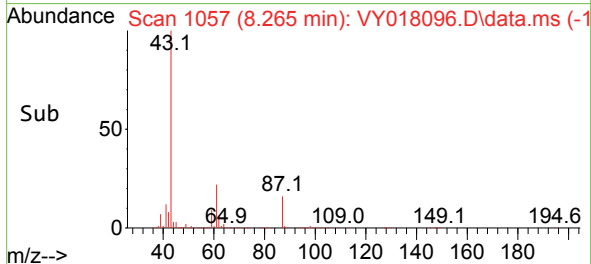
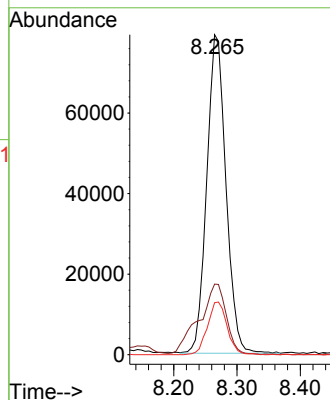
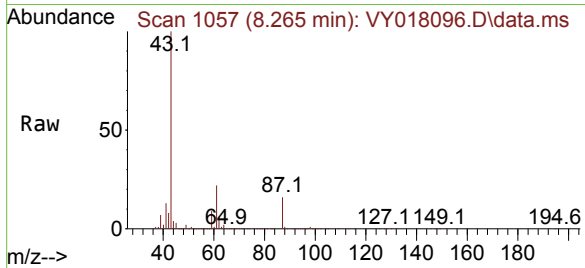




#43
Isopropyl Acetate
Concen: 45.936 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

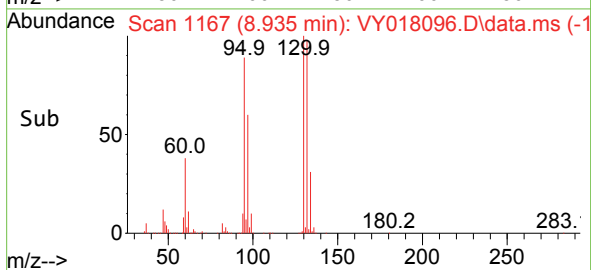
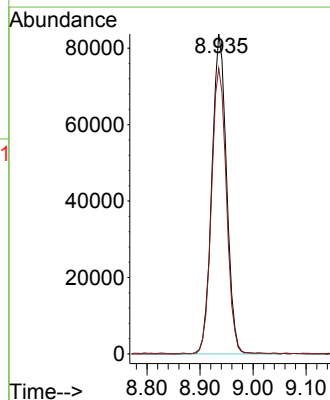
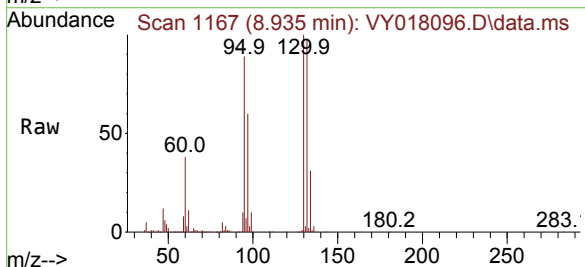
Instrument :
MSVOA_Y
ClientSampleId :

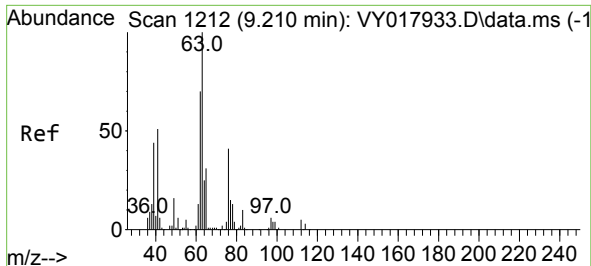
Tgt Ion: 43 Resp: 167140
Ion Ratio Lower Upper
43 100
61 31.6 27.9 41.9
87 16.9 13.1 19.7



#44
Trichloroethene
Concen: 44.402 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion:130 Resp: 161028
Ion Ratio Lower Upper
130 100
95 89.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.614 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

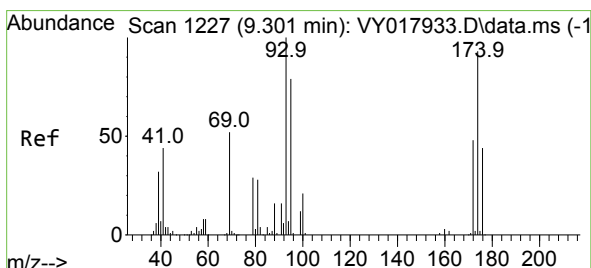
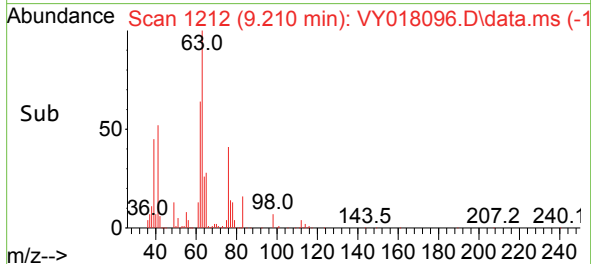
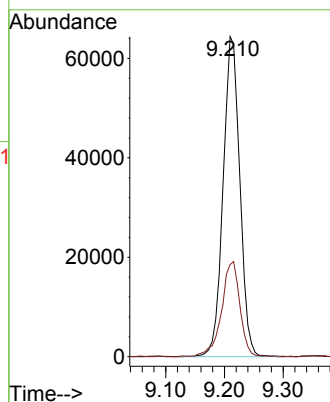
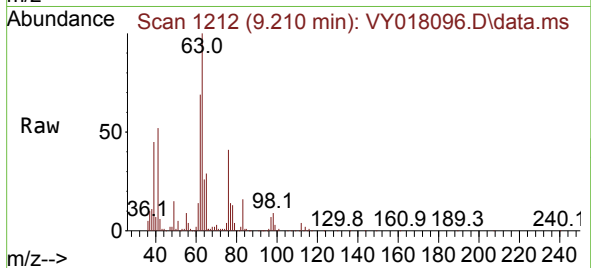
ClientSampleId :

Tgt Ion: 63 Resp: 127270

Ion Ratio Lower Upper

63 100

65 28.7 25.4 38.2



#46

Dibromomethane

Concen: 45.424 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

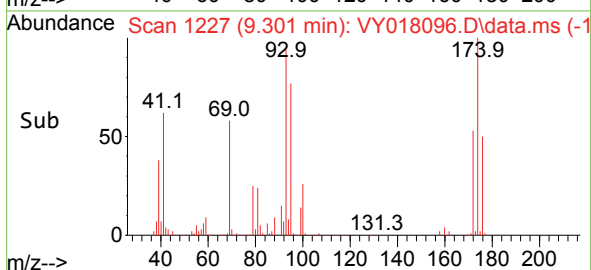
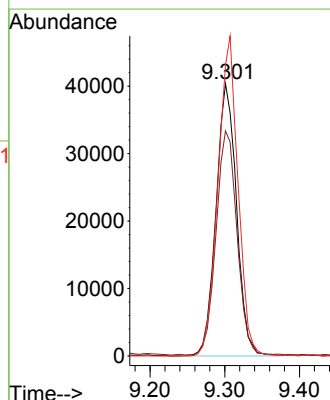
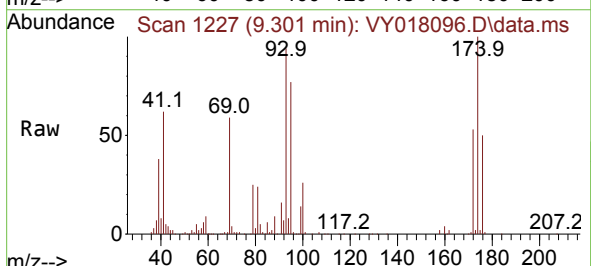
Tgt Ion: 93 Resp: 77058

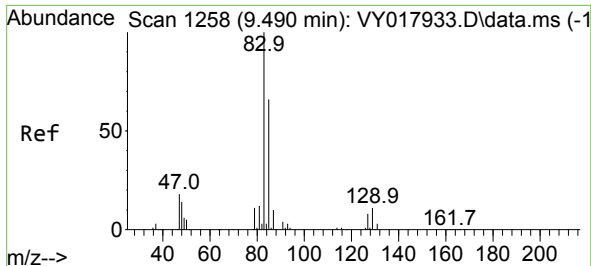
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 114.5 80.9 121.3

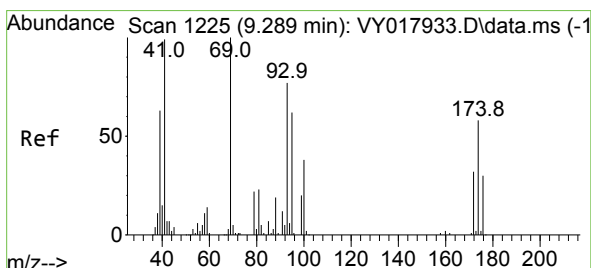
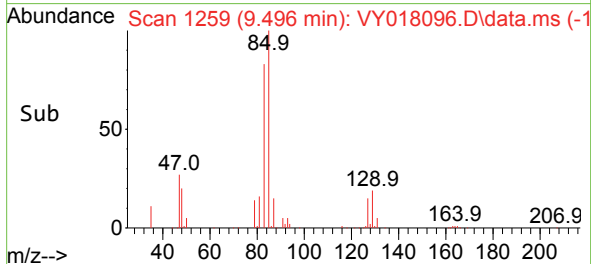
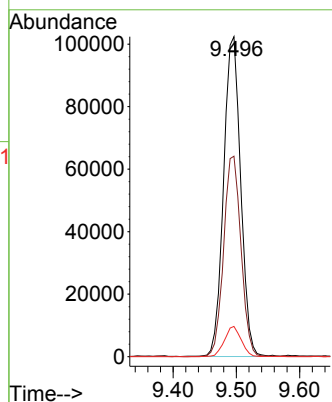
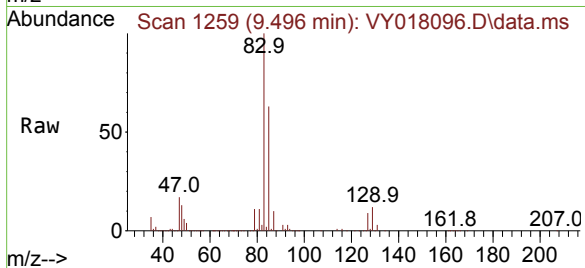




#47
Bromodichloromethane
Concen: 45.939 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

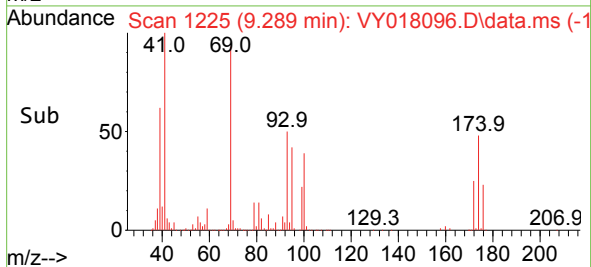
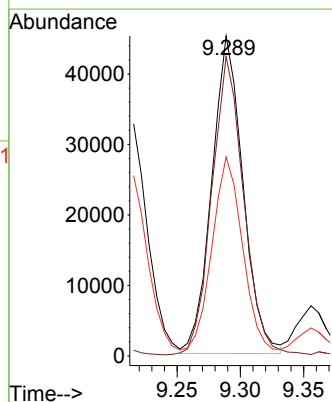
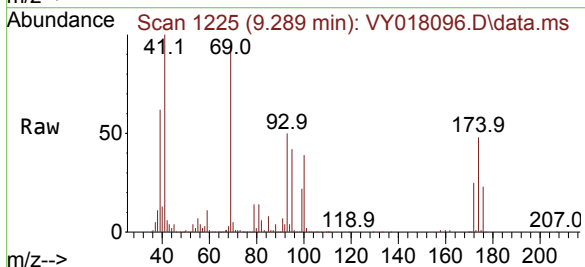
Instrument :
MSVOA_Y
ClientSampleId :

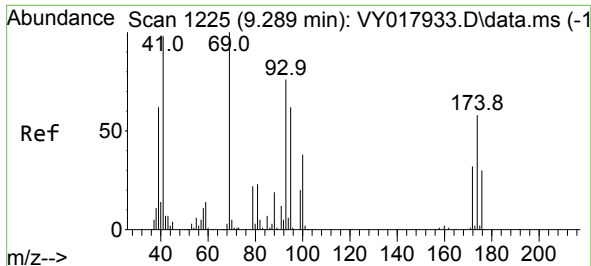
Tgt Ion: 83 Resp: 191319
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.5 7.4 11.0



#48
Methyl methacrylate
Concen: 46.381 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 41 Resp: 77251
Ion Ratio Lower Upper
41 100
69 95.4 84.1 126.1
39 62.2 43.6 65.4





#49

1,4-Dioxane

Concen: 979.131 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.018 min

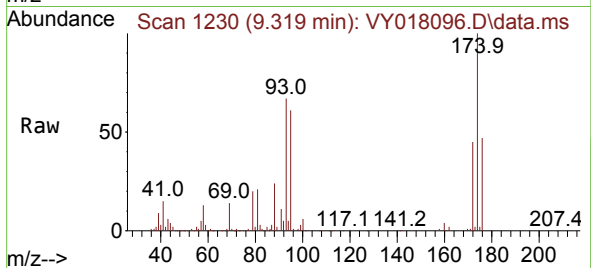
Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :



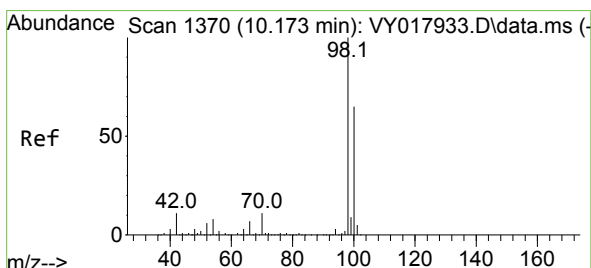
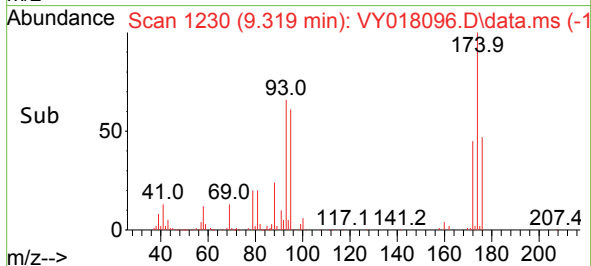
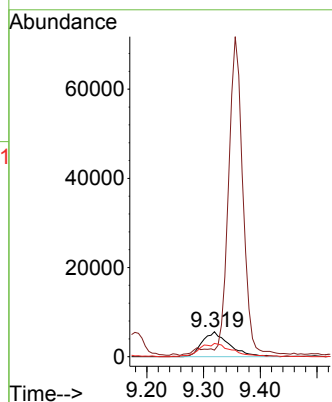
Tgt Ion: 88 Resp: 18428

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 64.1 49.3 73.9



#50

Toluene-d8

Concen: 49.495 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018096.D

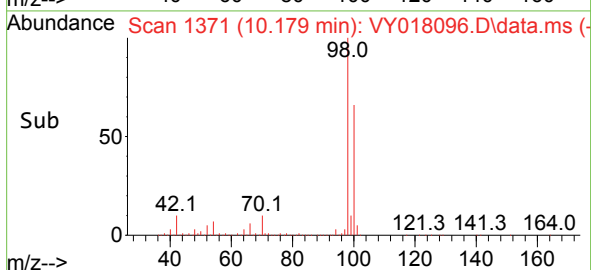
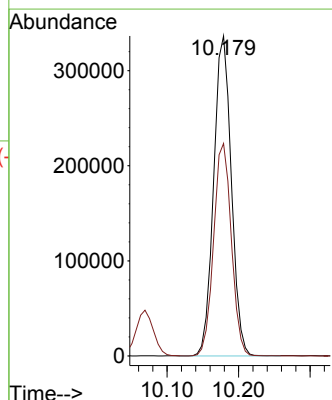
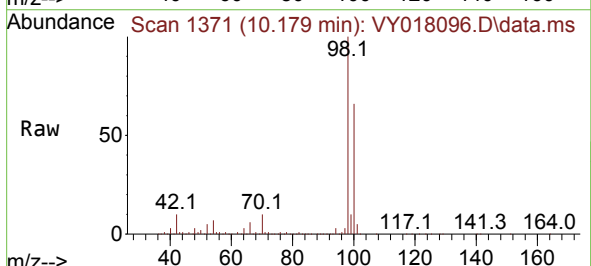
Acq: 01 May 2024 13:57

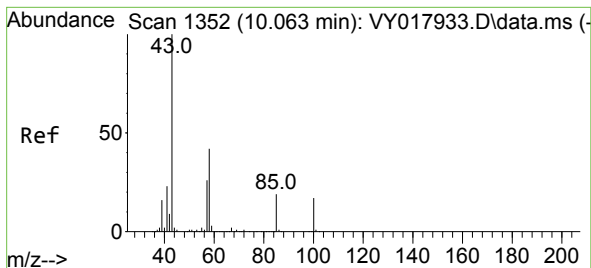
Tgt Ion: 98 Resp: 576083

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0

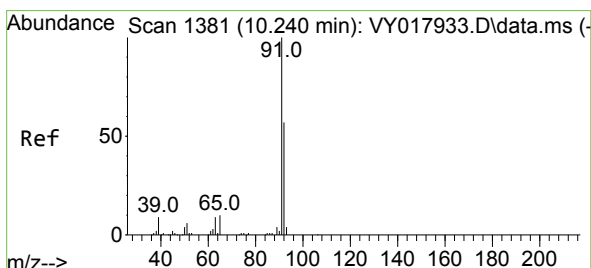
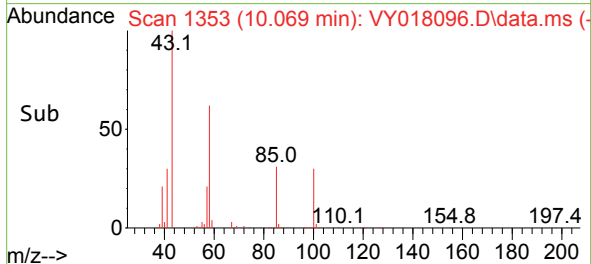
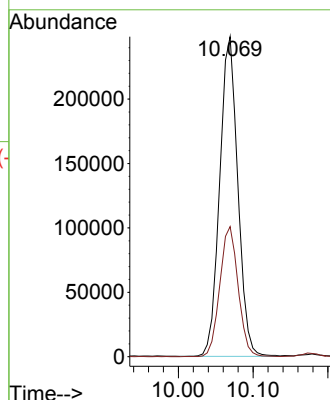
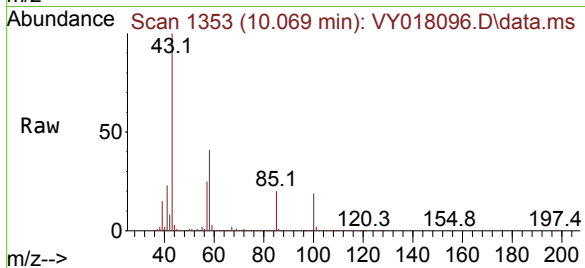




#51
4-Methyl-2-Pentanone
Concen: 235.168 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

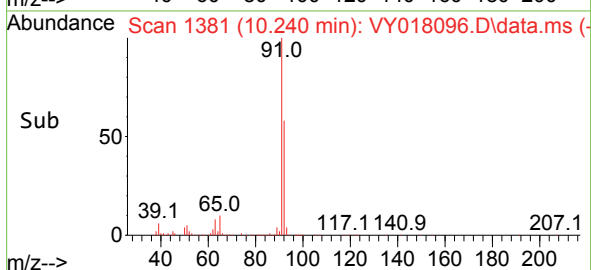
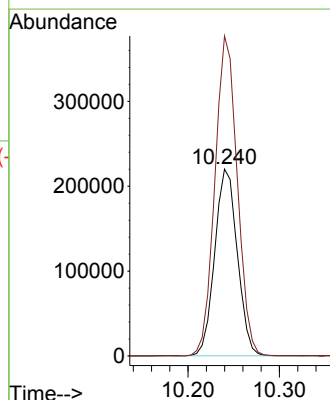
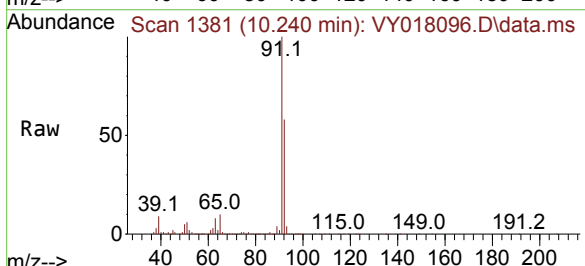
Instrument :
MSVOA_Y
ClientSampleId :

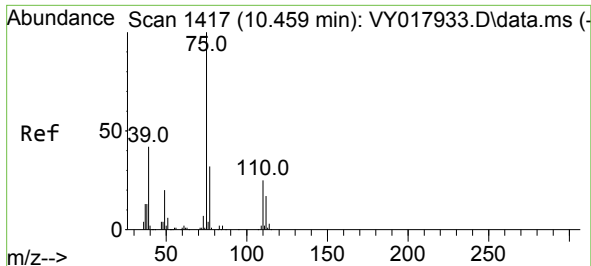
Tgt Ion: 43 Resp: 417914
Ion Ratio Lower Upper
43 100
58 41.2 35.7 53.5



#52
Toluene
Concen: 44.632 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 92 Resp: 377747
Ion Ratio Lower Upper
92 100
91 170.1 139.0 208.6

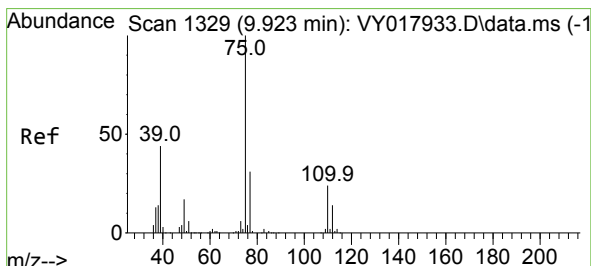
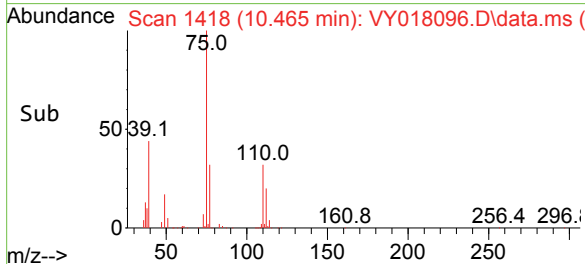
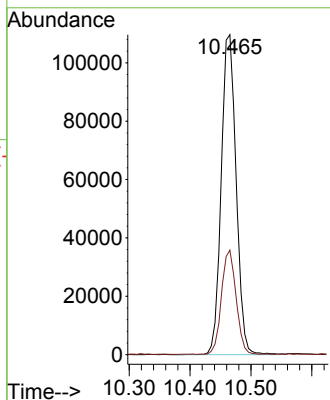
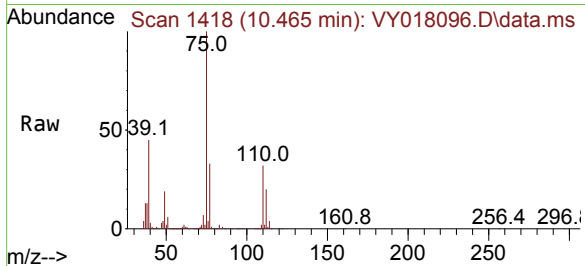




#53
 t-1,3-Dichloropropene
 Concen: 46.417 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

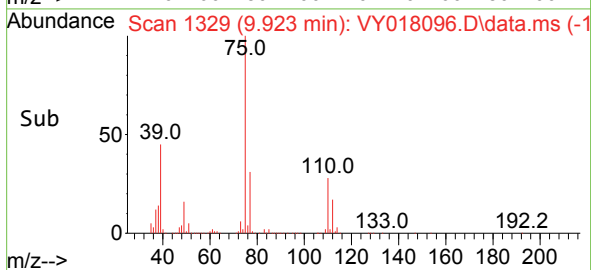
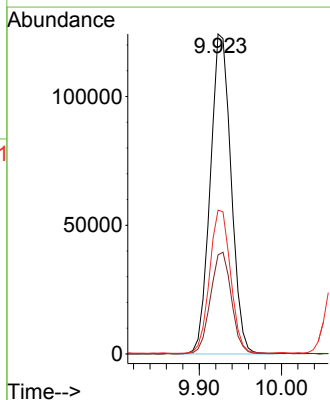
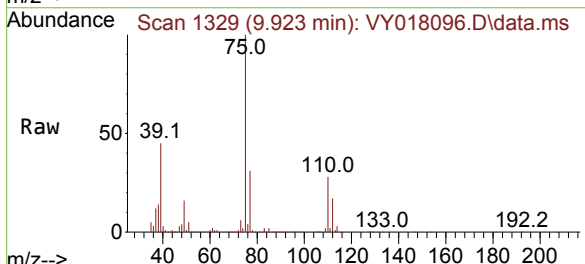
Instrument :
 MSVOA_Y
 ClientSampleId :

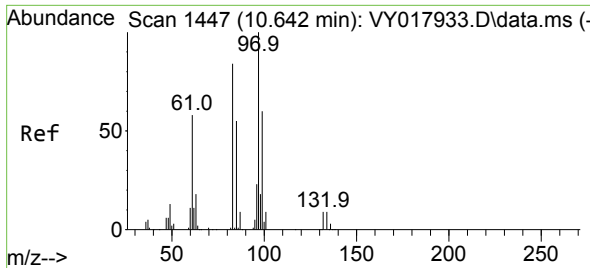
Tgt Ion: 75 Resp: 186780
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 46.358 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

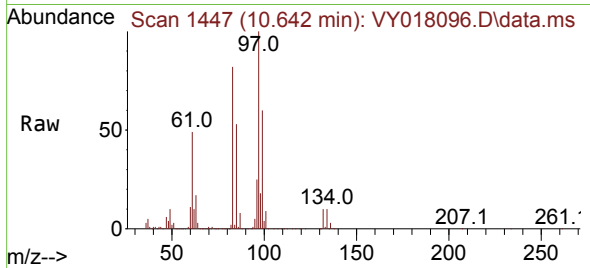
Tgt Ion: 75 Resp: 219150
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 44.7 29.8 44.6#



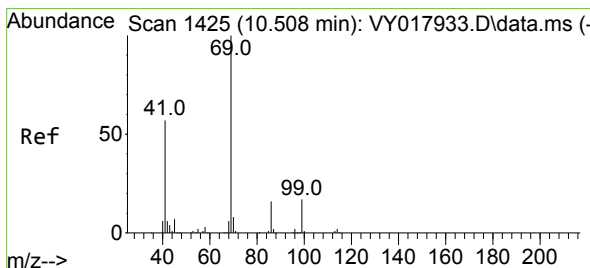
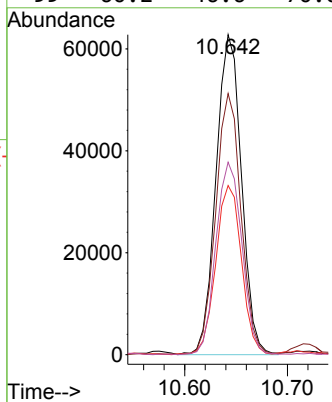
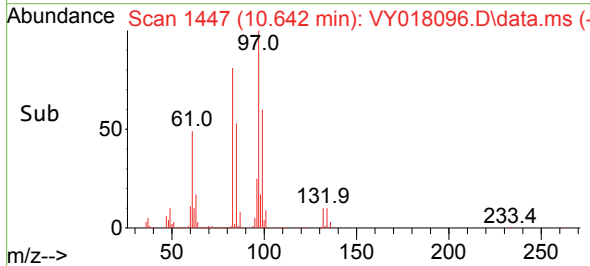


#55
1,1,2-Trichloroethane
Concen: 47.310 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

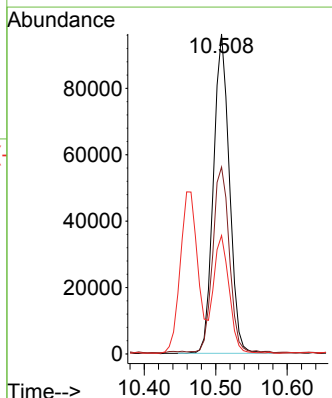
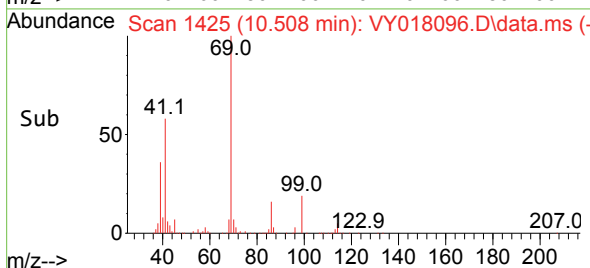
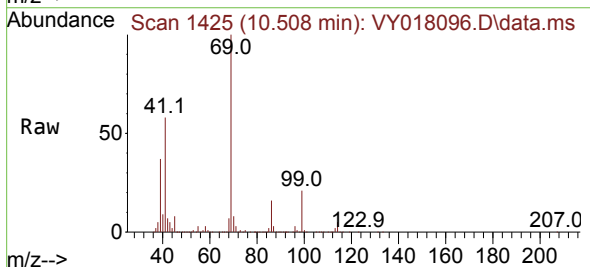


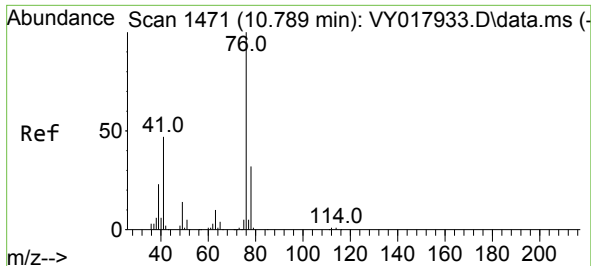
Tgt Ion: 97	Resp: 107945
Ion Ratio	Lower Upper
97 100	
83 81.4	67.5 101.3
85 52.6	42.9 64.3
99 60.2	46.6 70.0



#56
Ethyl methacrylate
Concen: 46.230 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

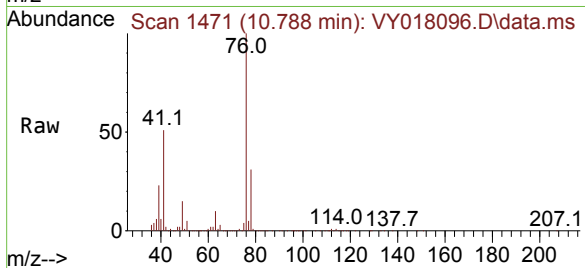
Tgt Ion: 69	Resp: 149135
Ion Ratio	Lower Upper
69 100	
41 60.2	42.3 63.5
39 34.8	22.9 34.3#



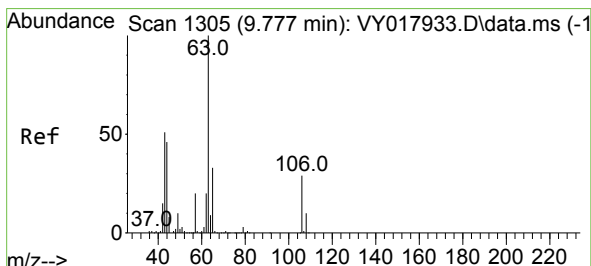
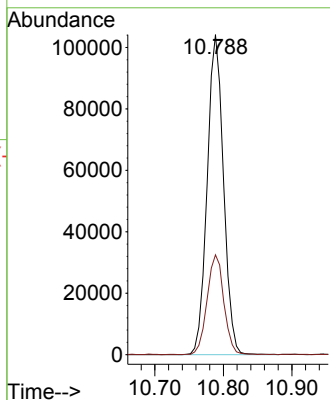
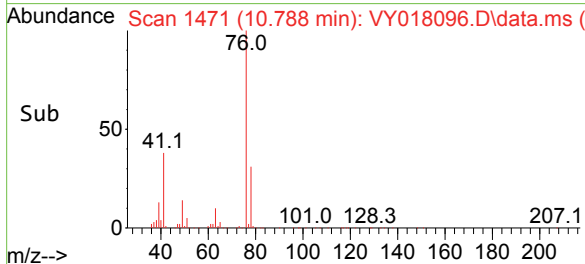


#57
1,3-Dichloropropane
Concen: 47.331 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

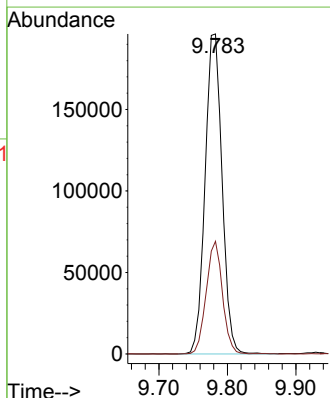
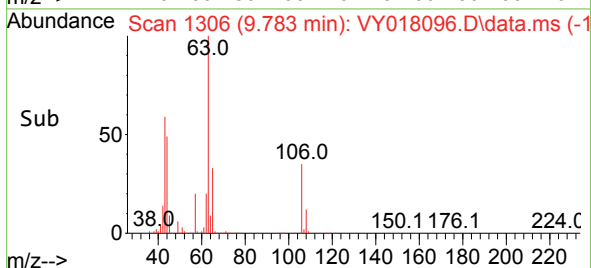
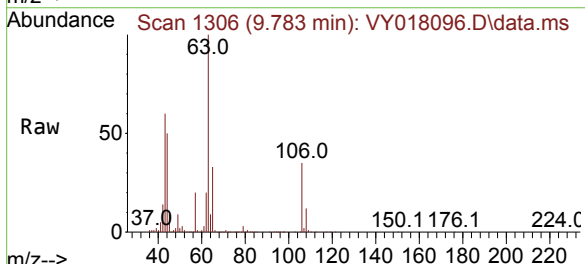


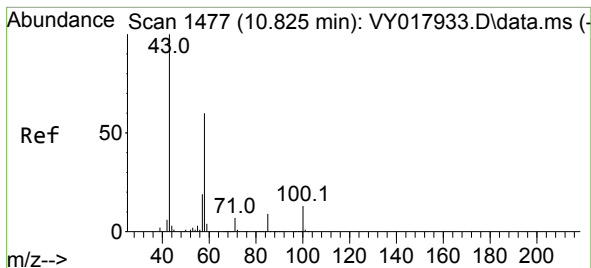
Tgt Ion: 76 Resp: 172529
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 225.188 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 63 Resp: 339108
Ion Ratio Lower Upper
63 100
106 33.7 23.7 35.5

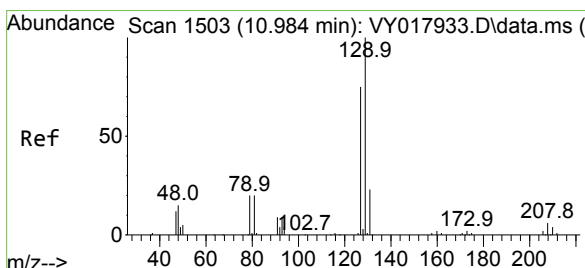
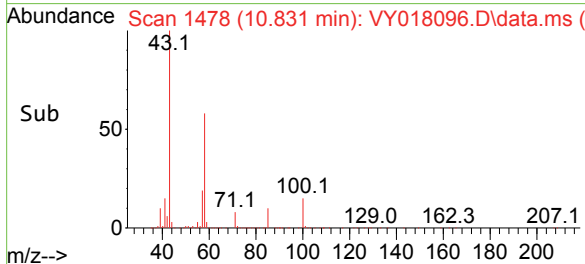
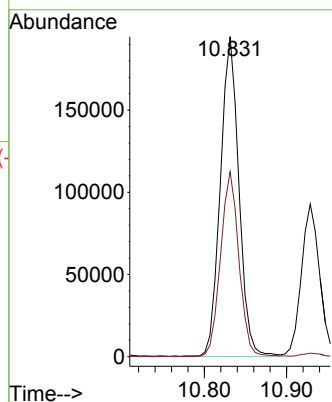
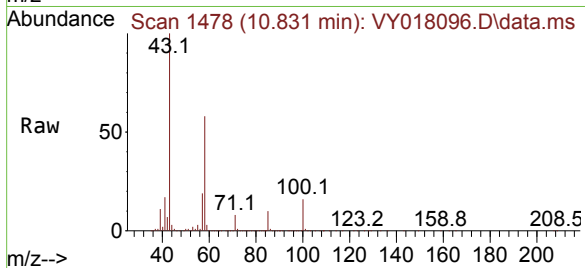




#59
2-Hexanone
Concen: 239.960 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

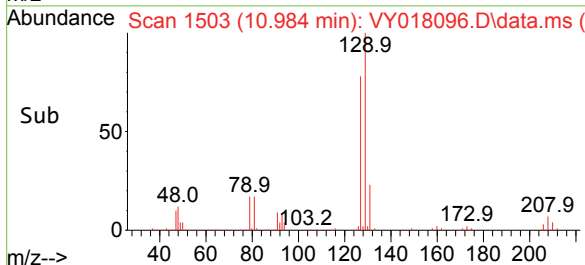
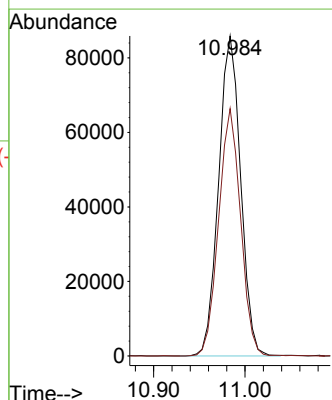
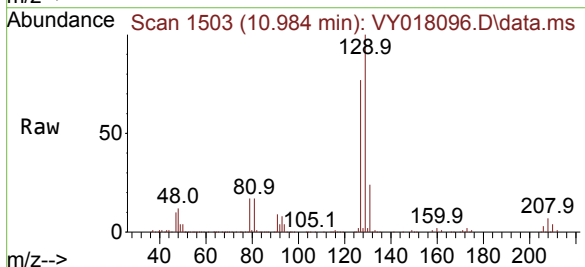
Instrument :
MSVOA_Y
ClientSampleId :

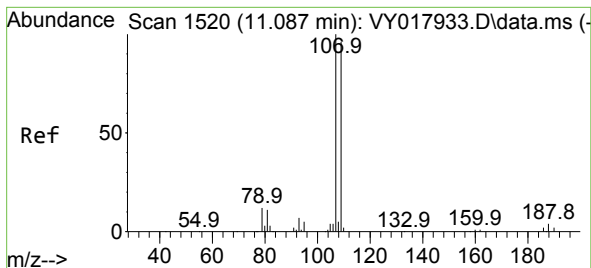
Tgt Ion: 43 Resp: 304353
Ion Ratio Lower Upper
43 100
58 57.4 31.4 94.0



#60
Dibromochloromethane
Concen: 46.447 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion:129 Resp: 143940
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

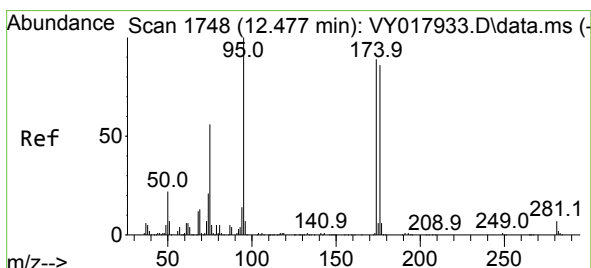
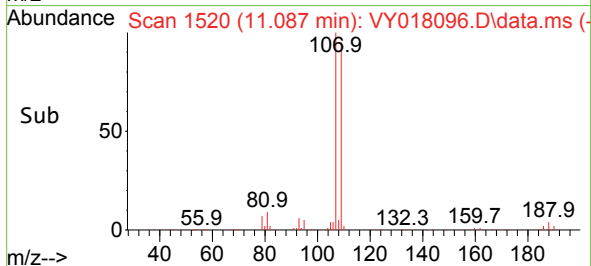
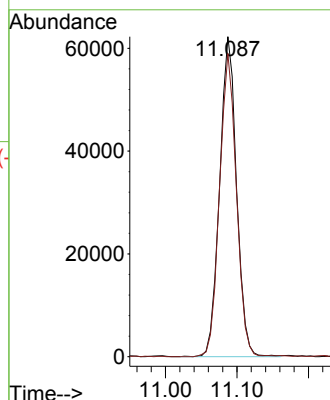
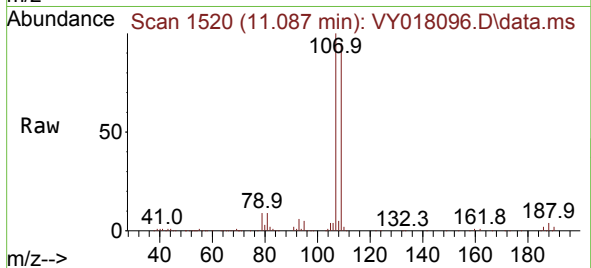




#61
1,2-Dibromoethane
Concen: 46.769 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

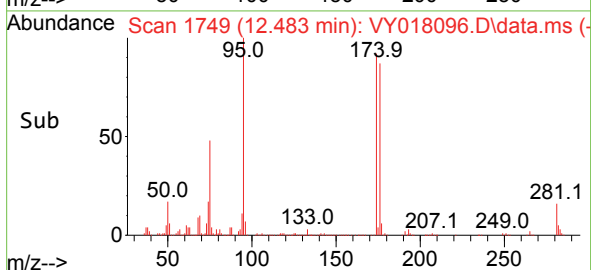
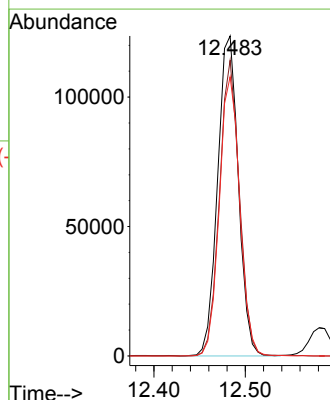
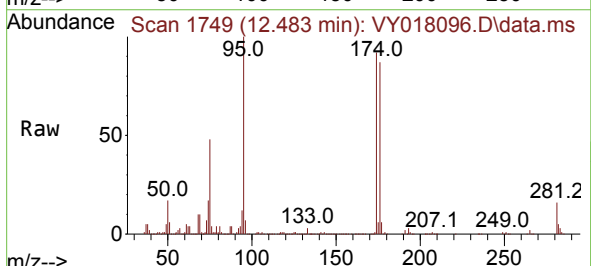
Instrument :
MSVOA_Y
ClientSampleId :

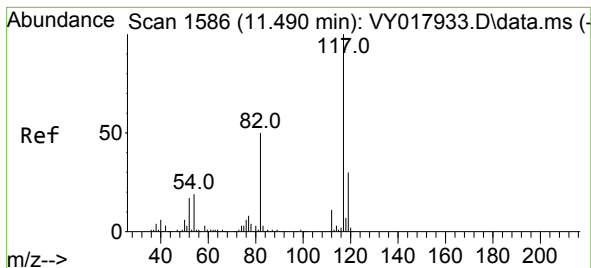
Tgt Ion:107 Resp: 102255
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 95 Resp: 195280
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.6
176 86.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

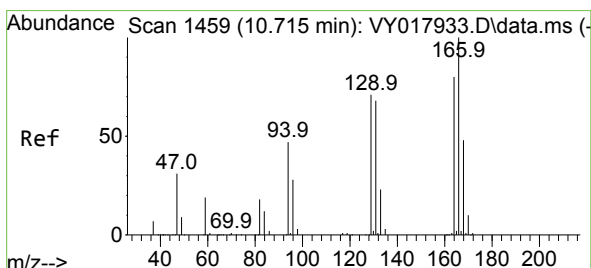
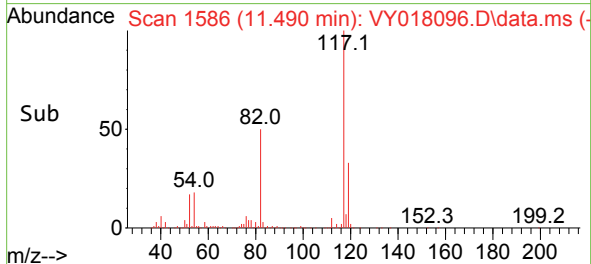
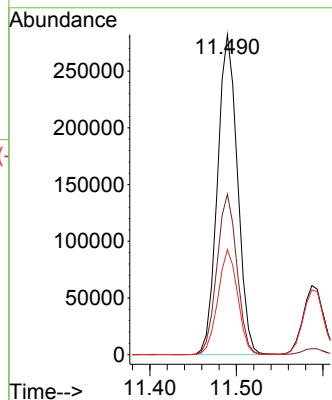
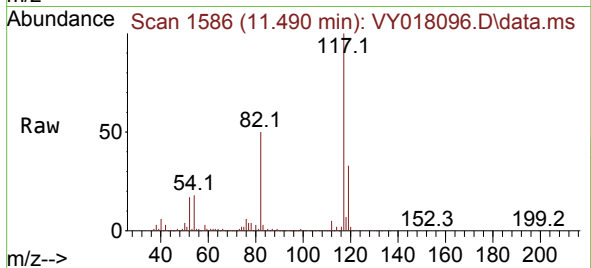
Tgt Ion:117 Resp: 453062

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 43.213 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Tgt Ion:164 Resp: 141720

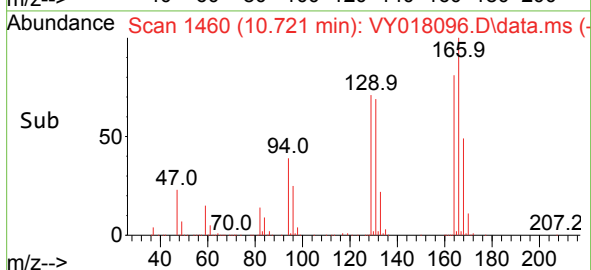
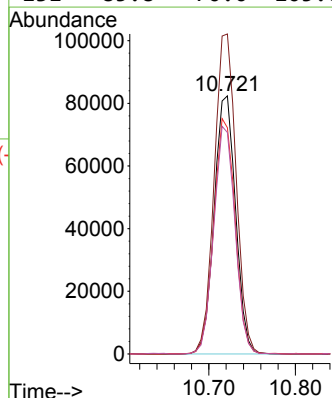
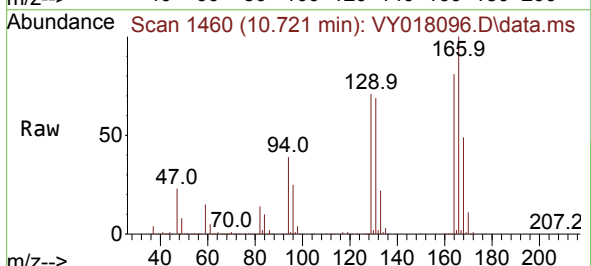
Ion Ratio Lower Upper

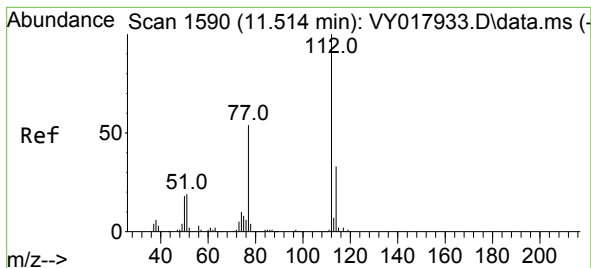
164 100

166 124.0 102.6 154.0

129 87.6 72.0 108.0

131 85.8 70.0 105.0

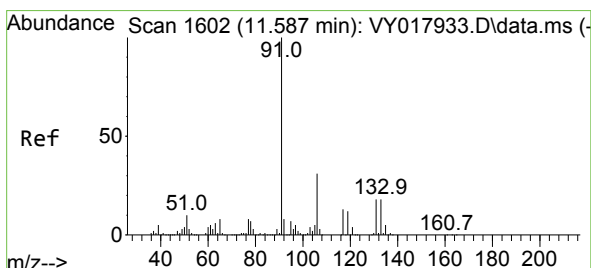
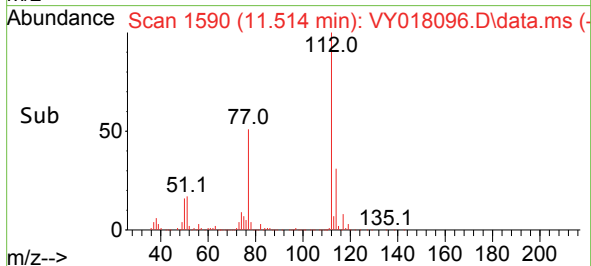
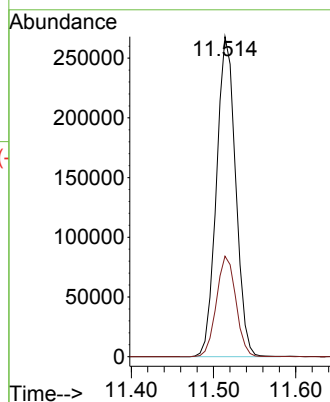
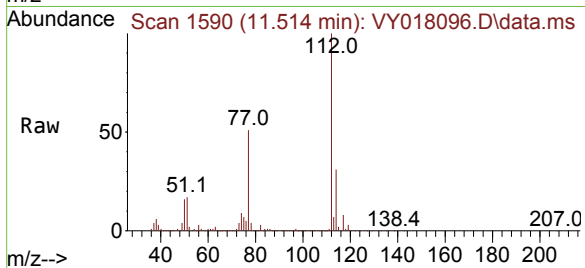




#65
Chlorobenzene
Concen: 45.397 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

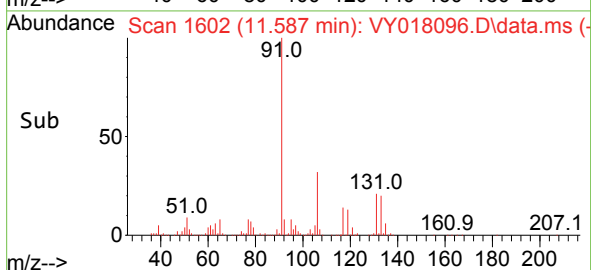
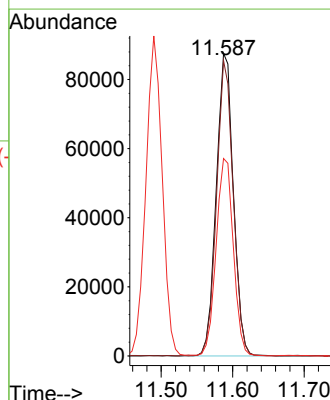
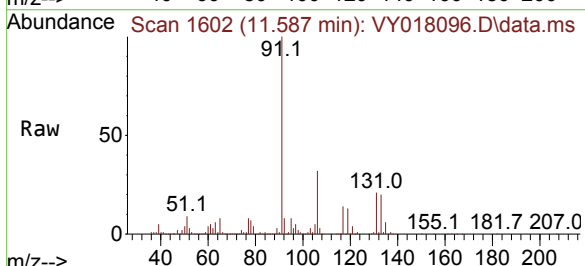
Instrument :
MSVOA_Y
ClientSampleId :

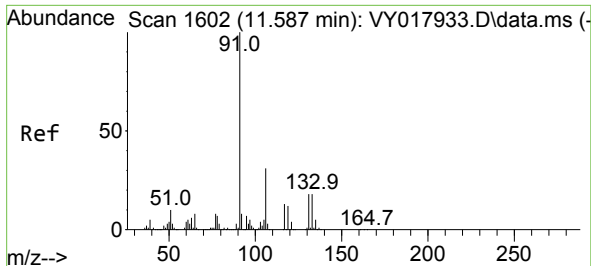
Tgt Ion:112 Resp: 434121
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.293 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion:131 Resp: 145698
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 65.7 34.1 102.2

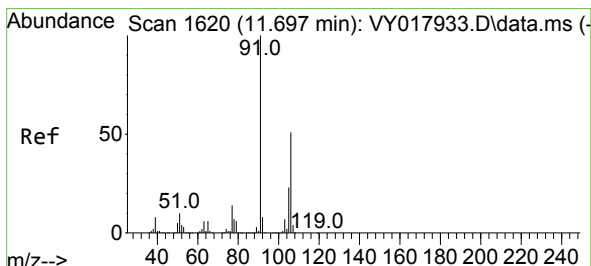
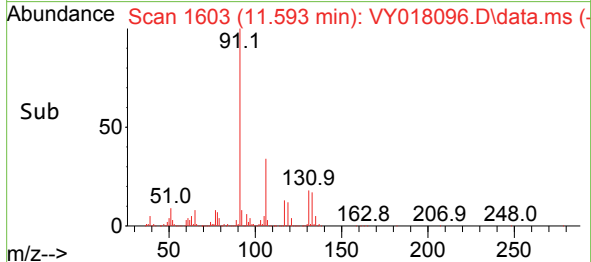
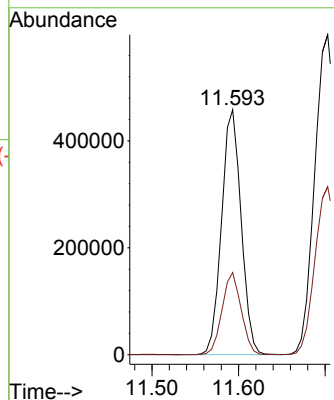
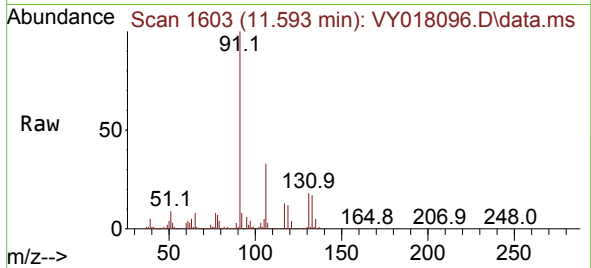




#67
Ethyl Benzene
Concen: 44.762 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

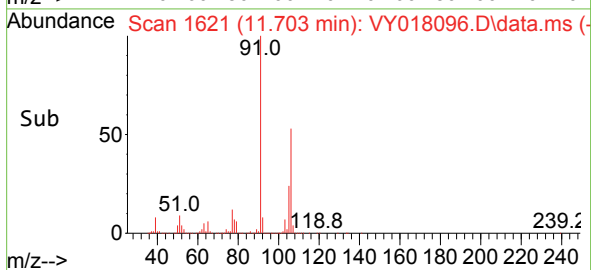
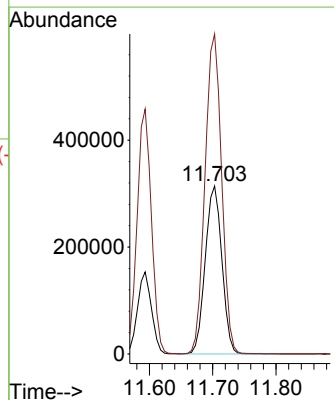
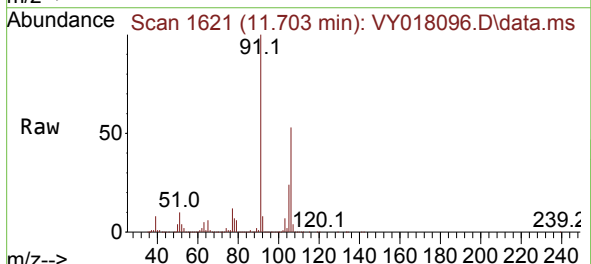
Instrument :
MSVOA_Y
ClientSampleId :

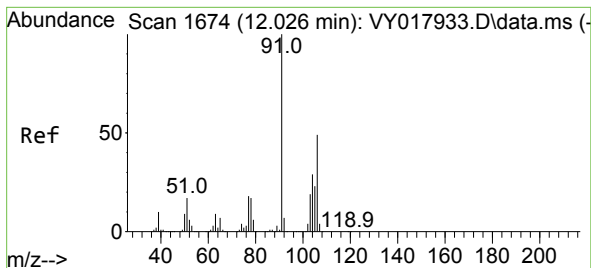
Tgt Ion: 91 Resp: 717839
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 89.574 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion:106 Resp: 575575
Ion Ratio Lower Upper
106 100
91 189.9 156.0 234.0





#69

o-Xylene

Concen: 44.944 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

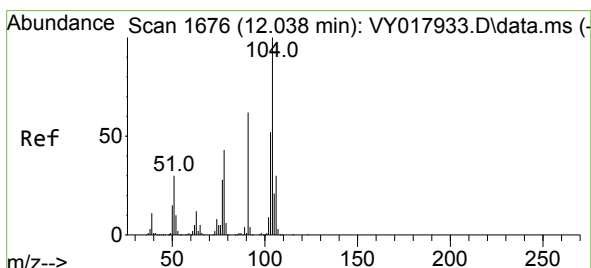
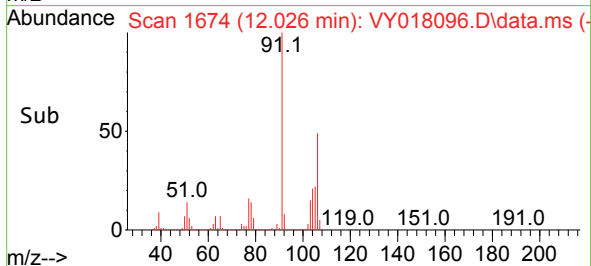
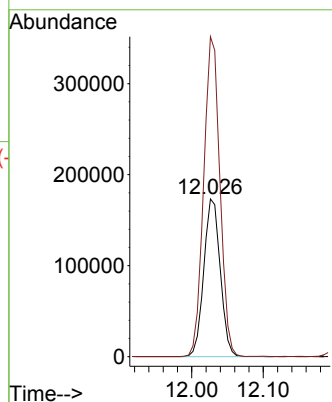
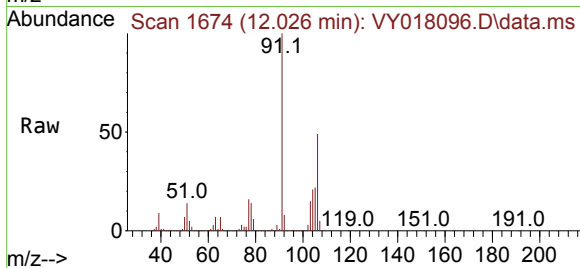
ClientSampleId :

Tgt Ion:106 Resp: 277440

Ion Ratio Lower Upper

106 100

91 199.7 103.6 310.8



#70

Styrene

Concen: 45.347 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

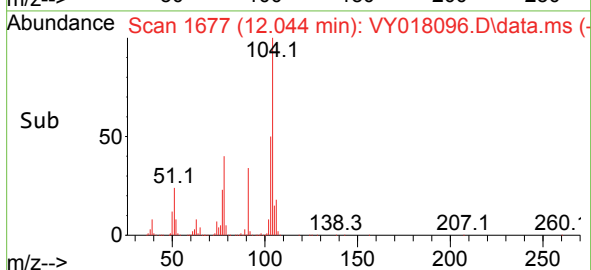
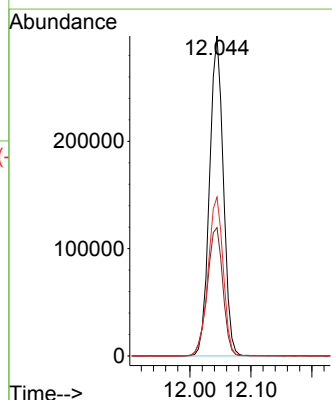
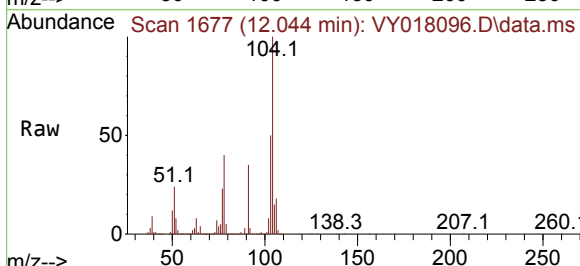
Tgt Ion:104 Resp: 471130

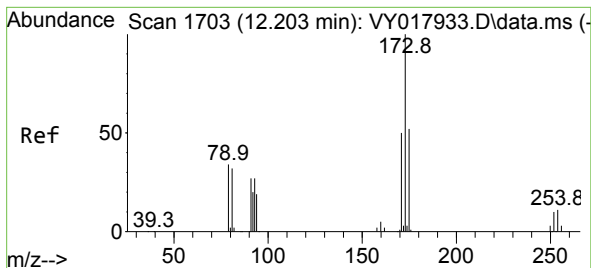
Ion Ratio Lower Upper

104 100

78 45.1 37.0 55.4

103 53.9 44.2 66.2





#71

Bromoform

Concen: 46.031 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

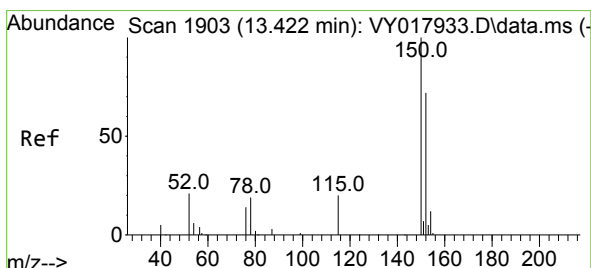
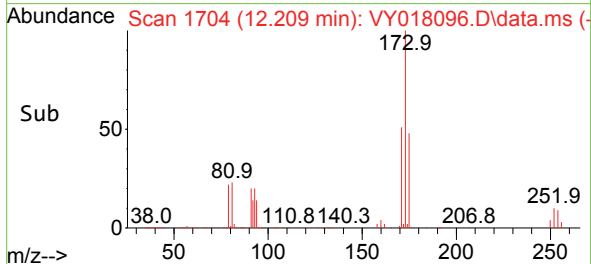
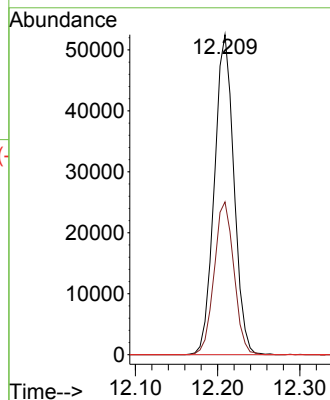
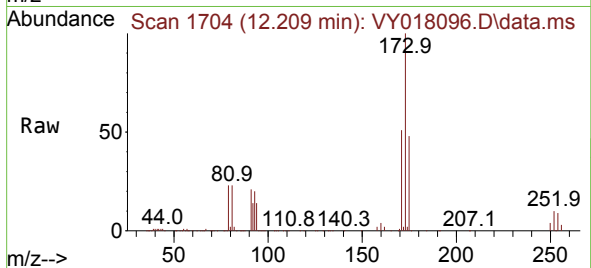
Tgt Ion:173 Resp: 86772

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

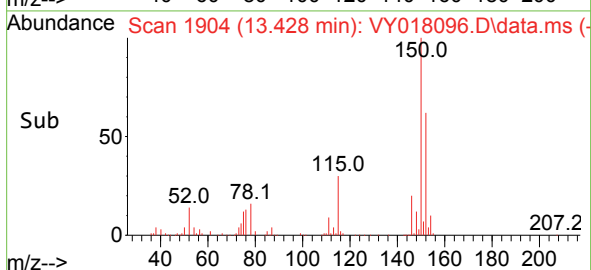
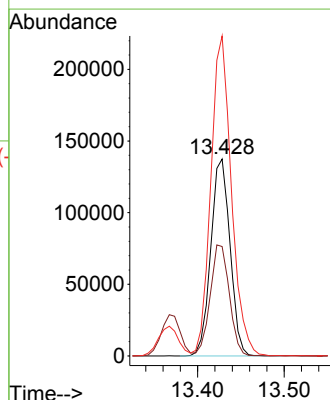
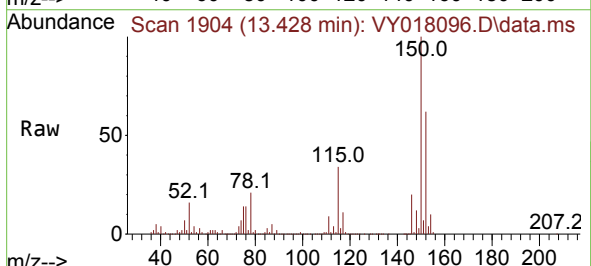
Tgt Ion:152 Resp: 212399

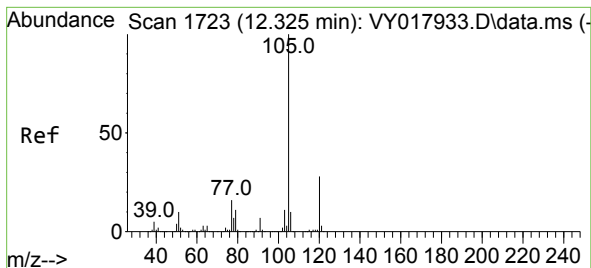
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 173.2 0.0 345.6





#73

Isopropylbenzene

Concen: 43.118 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

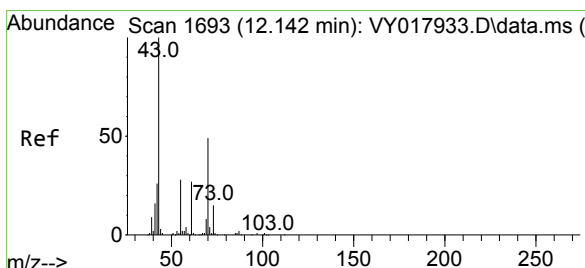
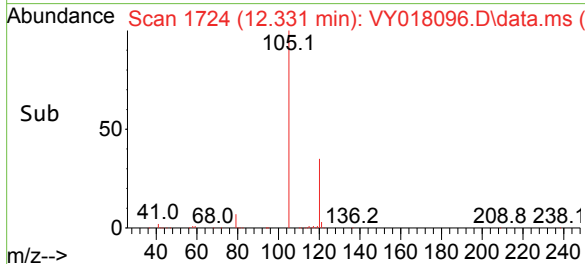
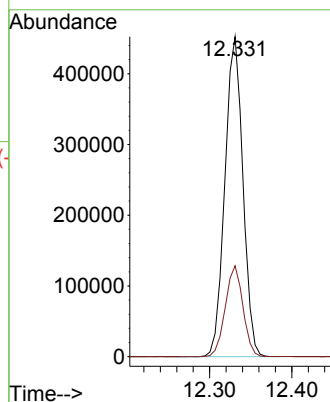
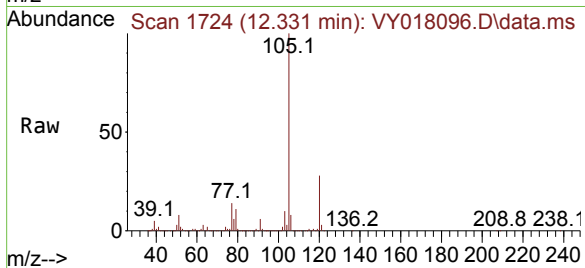
ClientSampleId :

Tgt Ion:105 Resp: 689280

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.1



#74

N-ethyl acetate

Concen: 45.602 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Tgt Ion: 43 Resp: 159999

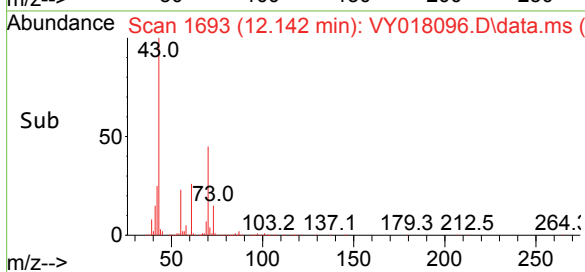
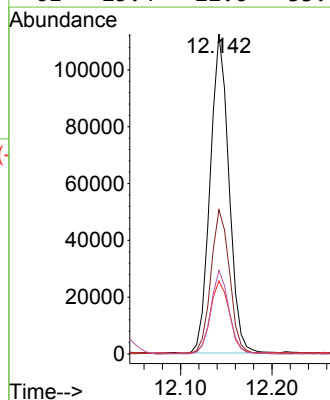
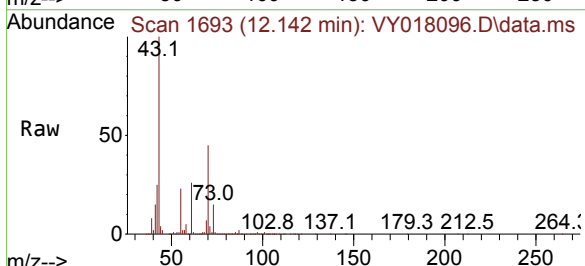
Ion Ratio Lower Upper

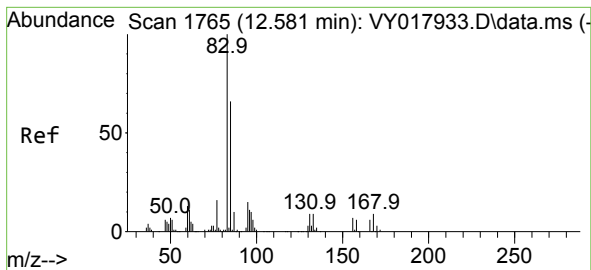
43 100

70 45.4 41.4 62.2

55 22.9 23.3 34.9#

61 25.4 22.6 33.8

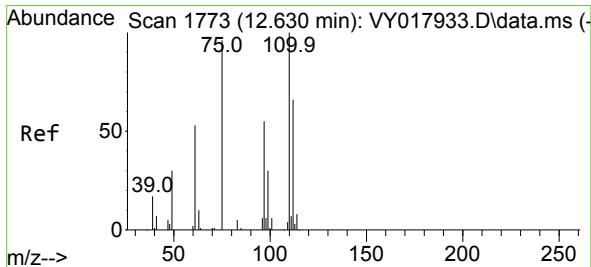
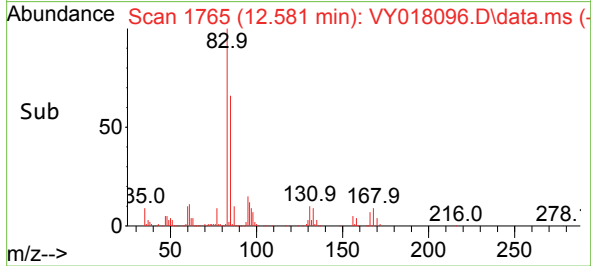
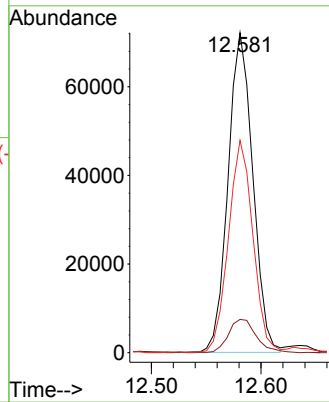
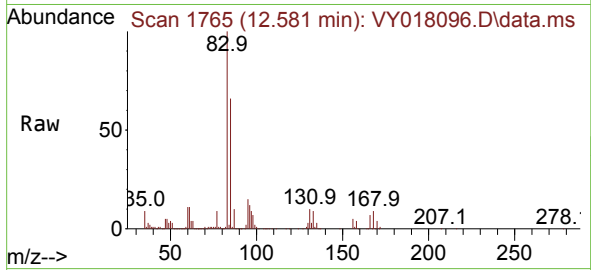




#75
1,1,2,2-Tetrachloroethane
Concen: 44.403 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

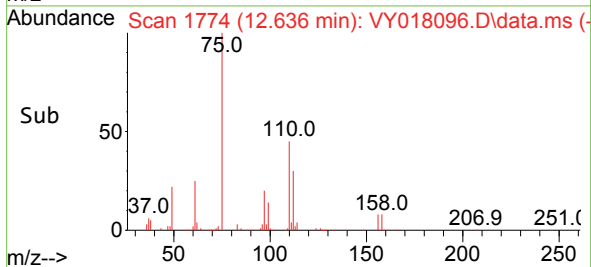
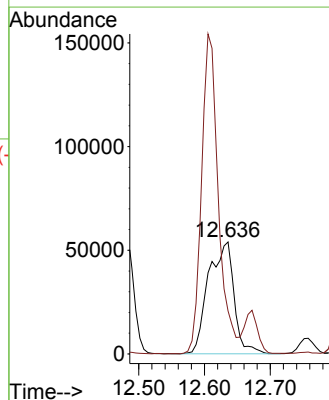
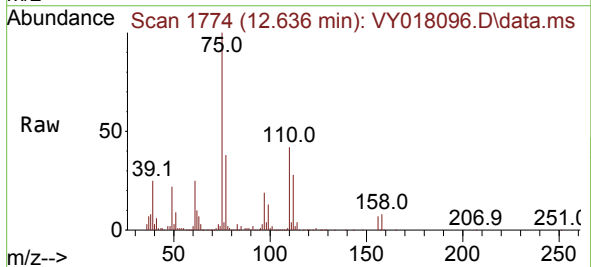
Instrument :
MSVOA_Y
ClientSampleId :

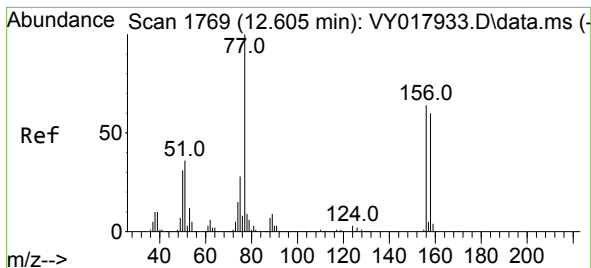
Tgt Ion: 83 Resp: 112948
Ion Ratio Lower Upper
83 100
131 11.8 5.0 14.9
85 65.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 82.116 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 75 Resp: 146377
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.320 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

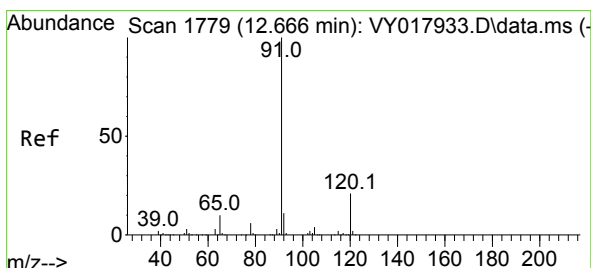
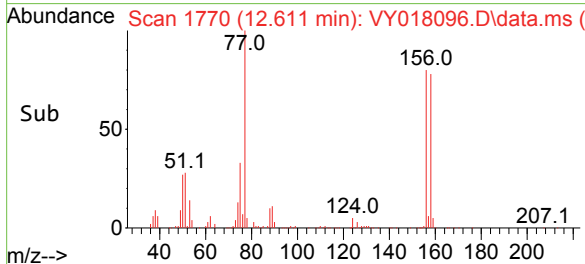
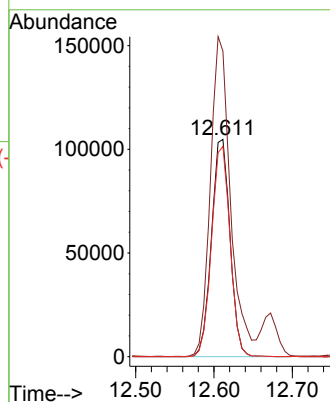
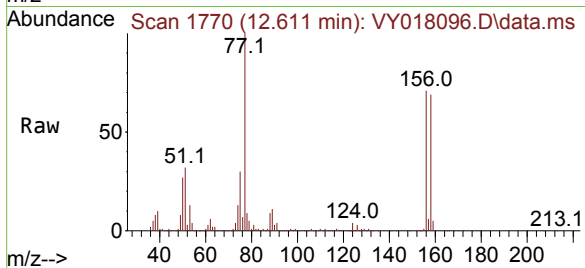
Tgt Ion:156 Resp: 172146

Ion Ratio Lower Upper

156 100

77 158.6 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 43.519 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018096.D

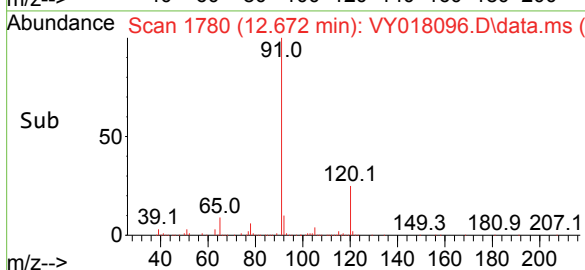
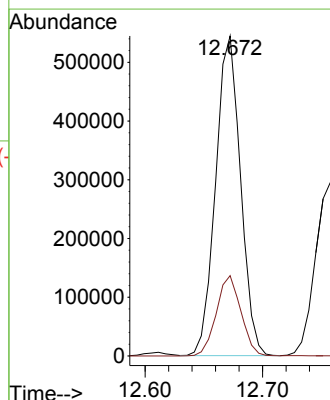
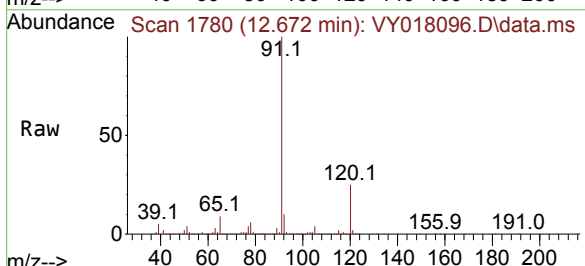
Acq: 01 May 2024 13:57

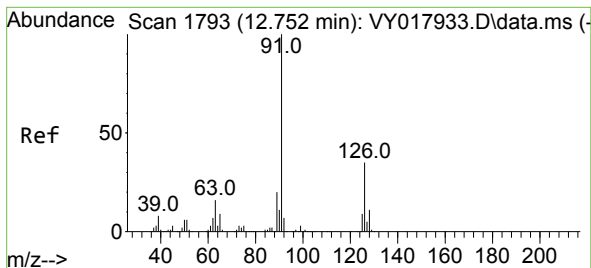
Tgt Ion: 91 Resp: 801120

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 43.922 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.001 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

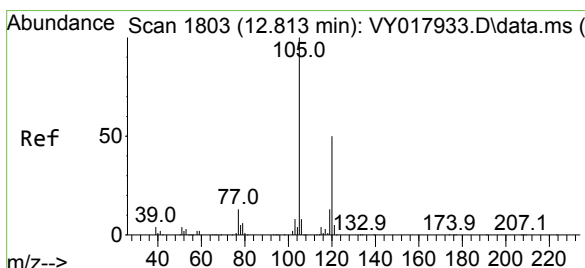
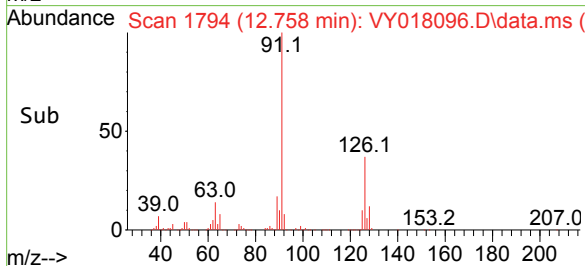
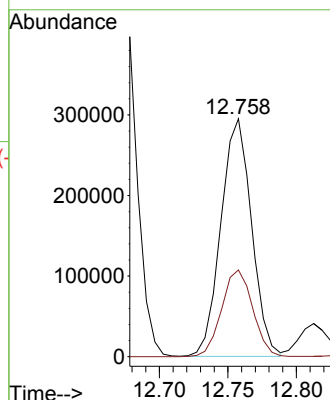
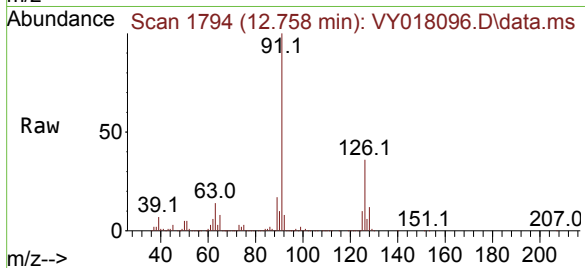
ClientSampleId :

Tgt Ion: 91 Resp: 459196

Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 43.564 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY018096.D

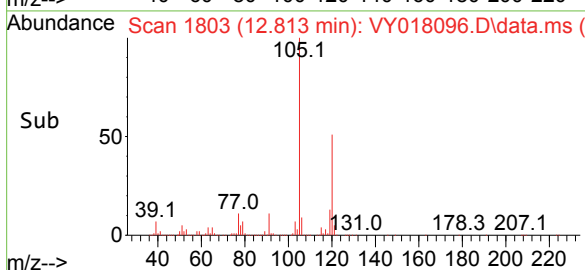
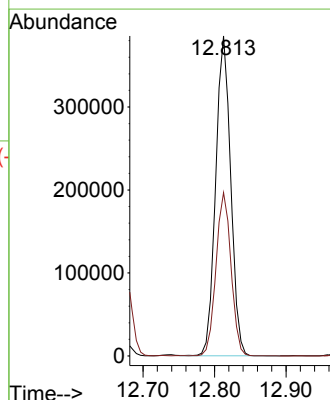
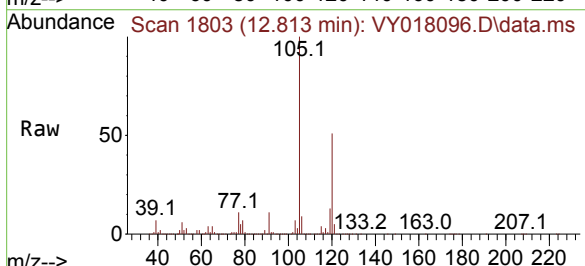
Acq: 01 May 2024 13:57

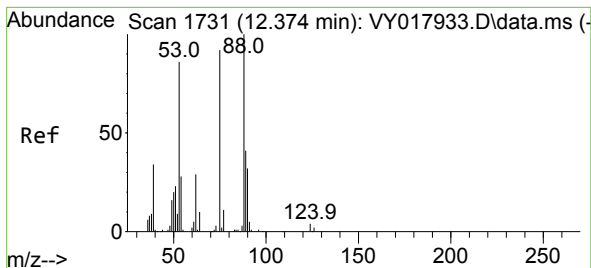
Tgt Ion: 105 Resp: 561263

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

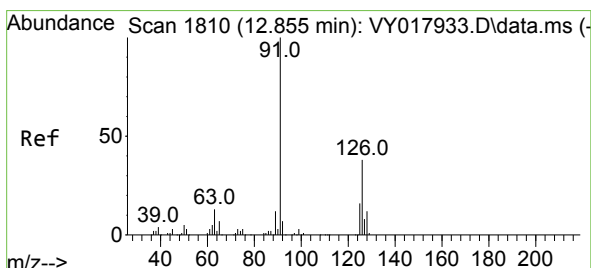
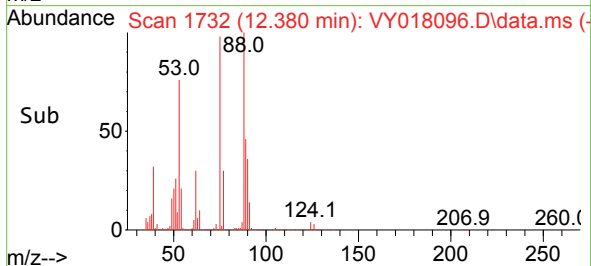
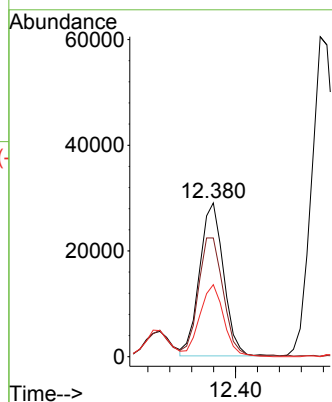
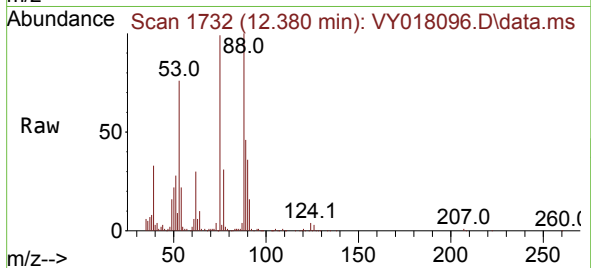




#81
trans-1,4-Dichloro-2-butene
Concen: 44.915 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

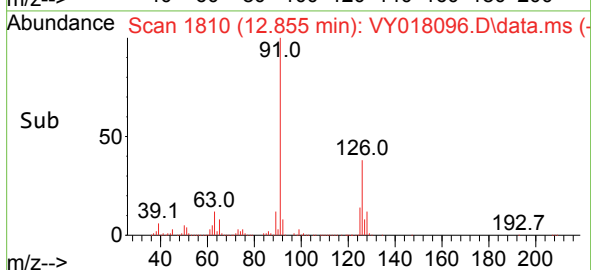
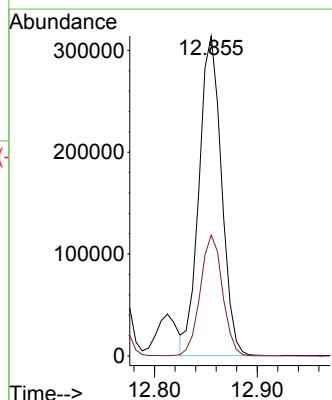
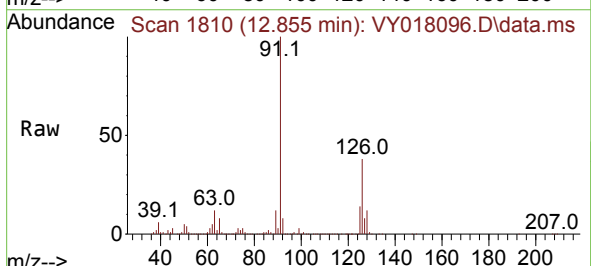
Instrument :
MSVOA_Y
ClientSampleId :

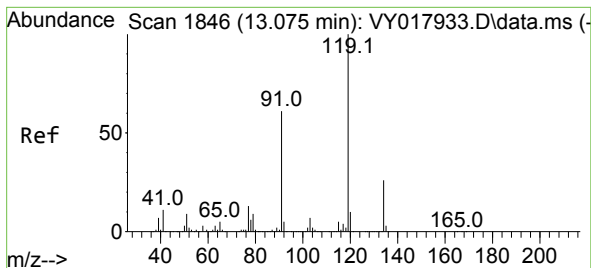
Tgt Ion: 75 Resp: 43948
Ion Ratio Lower Upper
75 100
53 79.6 66.8 100.2
89 47.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 44.413 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 91 Resp: 475802
Ion Ratio Lower Upper
91 100
126 37.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 43.132 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

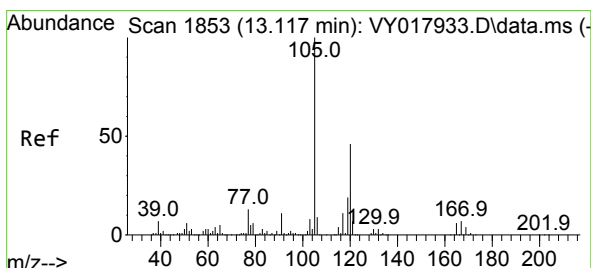
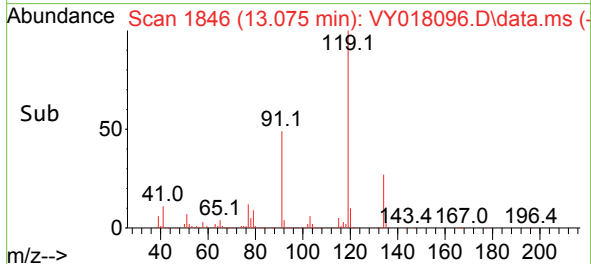
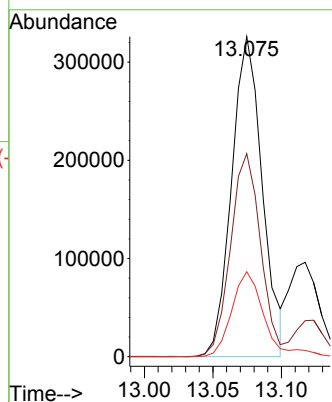
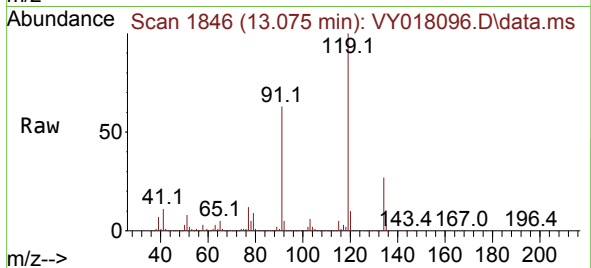
Tgt Ion:119 Resp: 508755

Ion Ratio Lower Upper

119 100

91 61.9 31.3 93.8

134 28.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 43.947 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018096.D

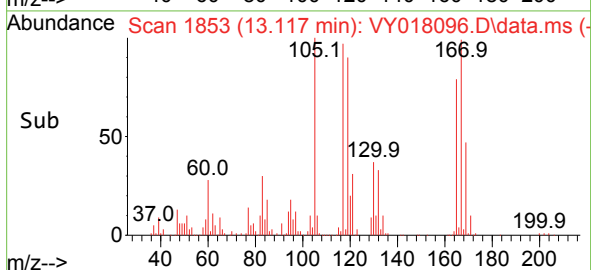
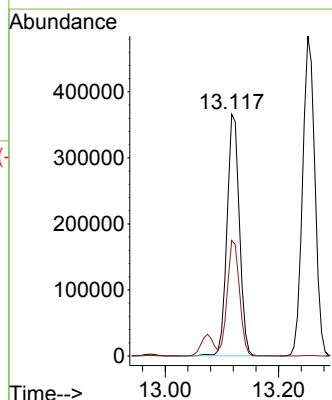
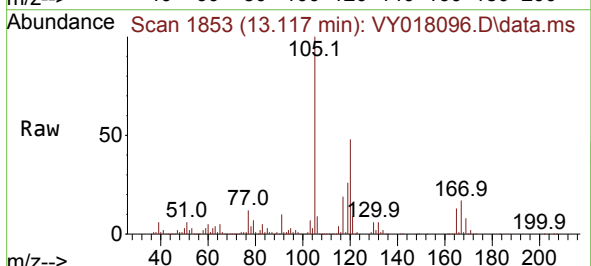
Acq: 01 May 2024 13:57

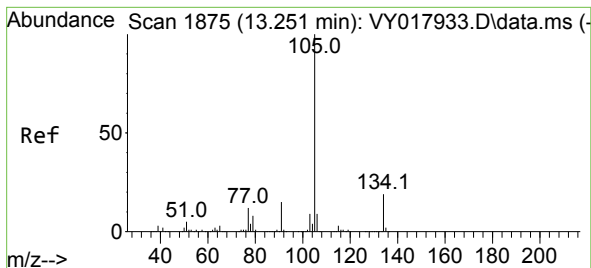
Tgt Ion:105 Resp: 554674

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 42.962 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

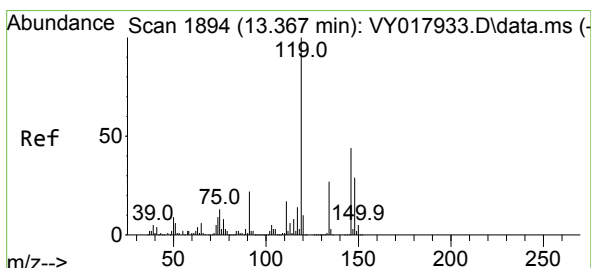
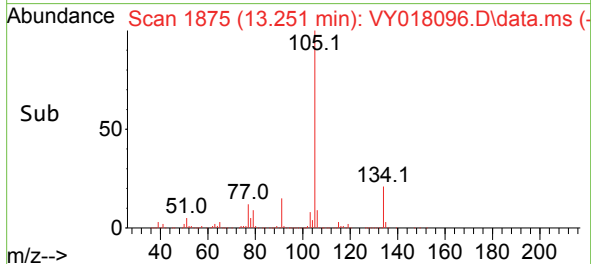
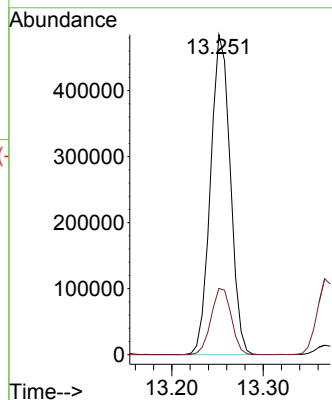
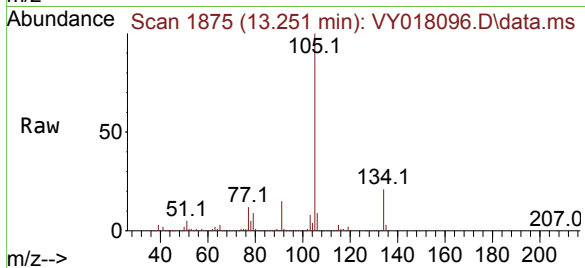
ClientSampleId :

Tgt Ion:105 Resp: 727206

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 43.758 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

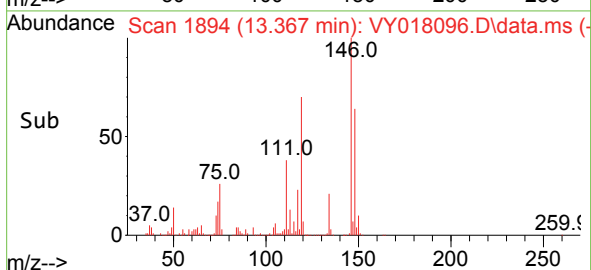
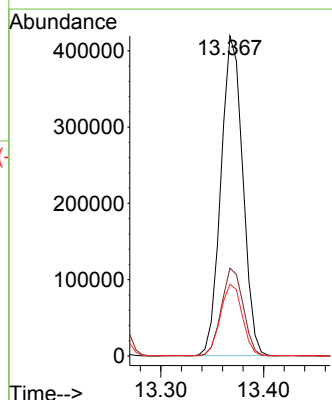
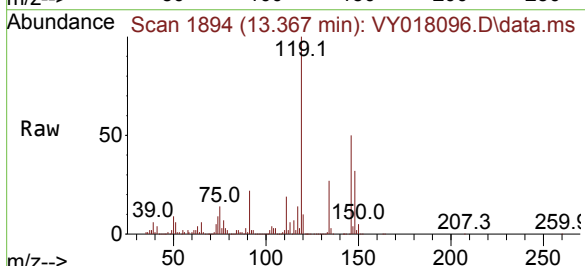
Tgt Ion:119 Resp: 617260

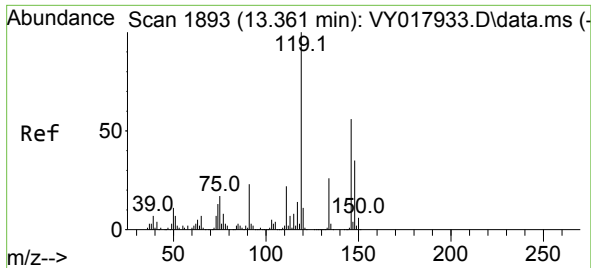
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 22.4 10.7 32.1

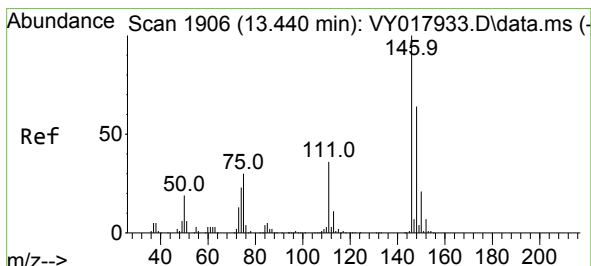
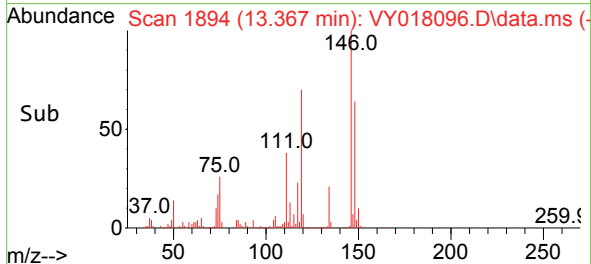
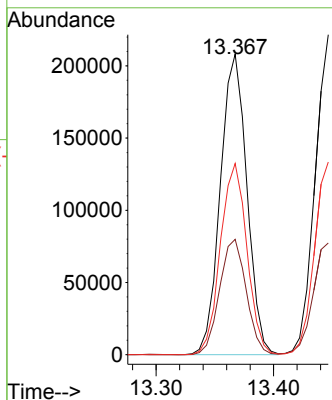
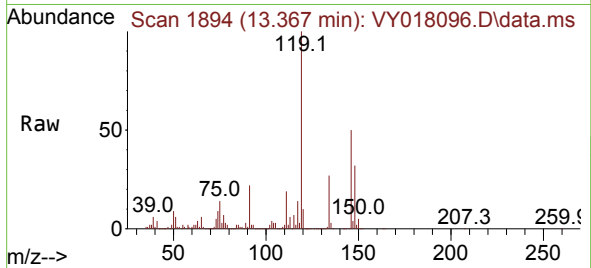




#87
 1,3-Dichlorobenzene
 Concen: 45.013 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

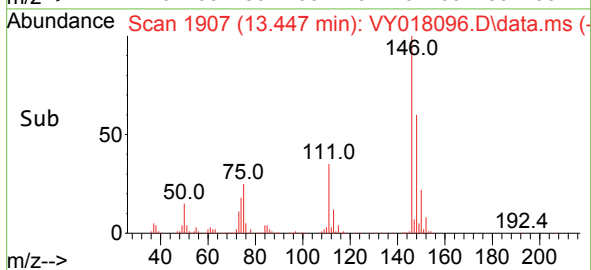
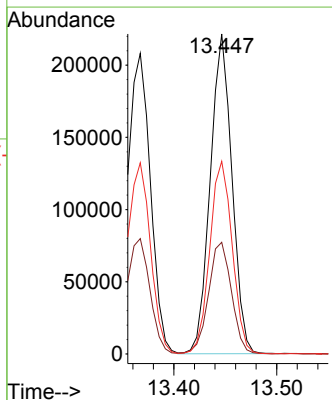
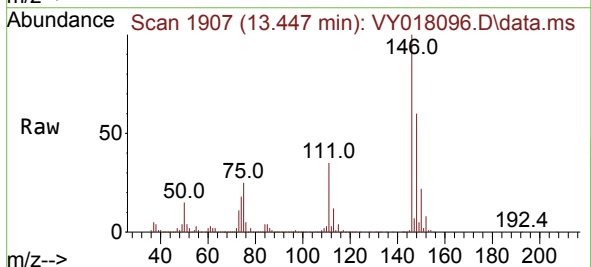
Instrument :
 MSVOA_Y
 ClientSampleId :

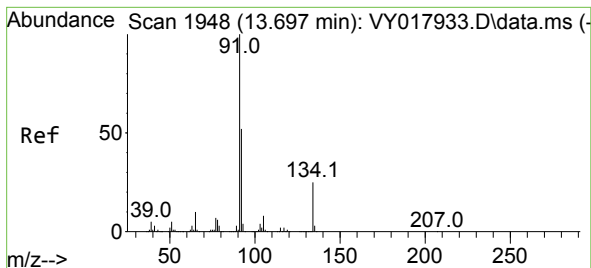
Tgt Ion:146 Resp: 327019
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.0 57.0
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 45.396 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY018096.D
 Acq: 01 May 2024 13:57

Tgt Ion:146 Resp: 325059
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.4
 148 62.4 32.4 97.2





#89

n-Butylbenzene

Concen: 43.865 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

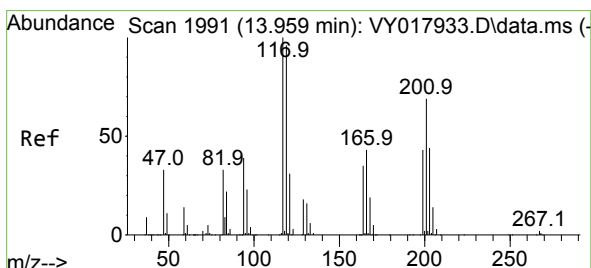
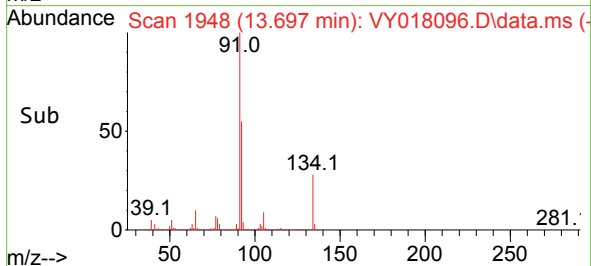
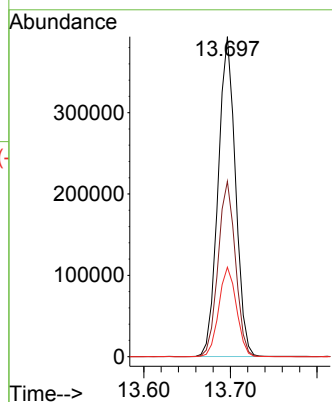
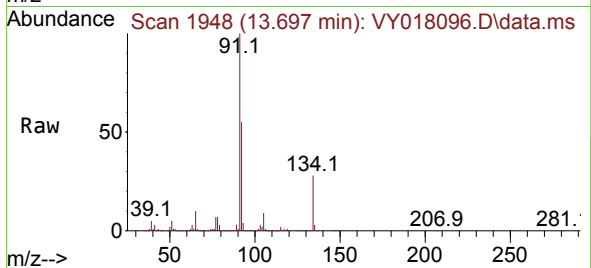
Tgt Ion: 91 Resp: 547584

Ion Ratio Lower Upper

91 100

92 54.9 26.6 79.7

134 28.5 12.9 38.7



#90

Hexachloroethane

Concen: 43.346 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018096.D

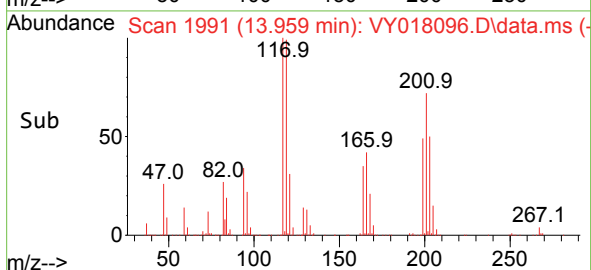
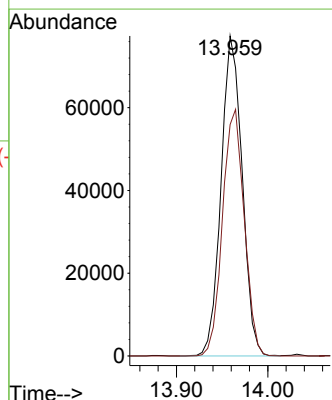
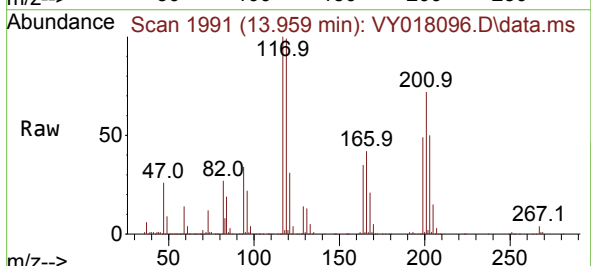
Acq: 01 May 2024 13:57

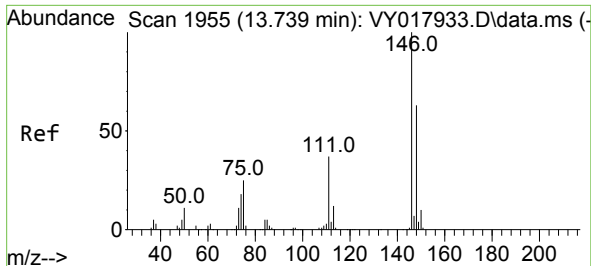
Tgt Ion: 117 Resp: 124227

Ion Ratio Lower Upper

117 100

201 79.1 37.4 112.2

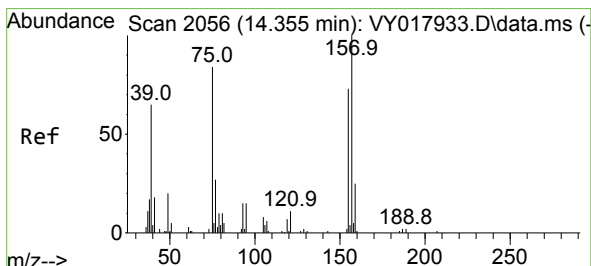
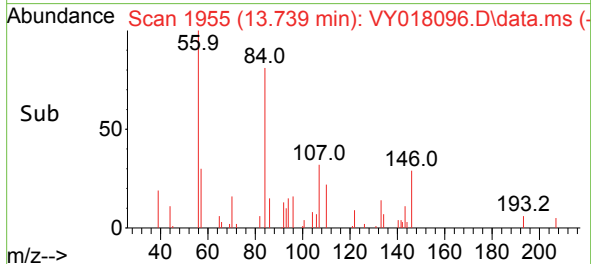
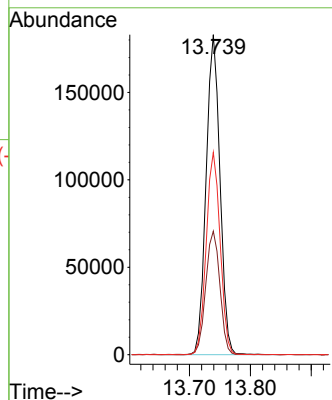
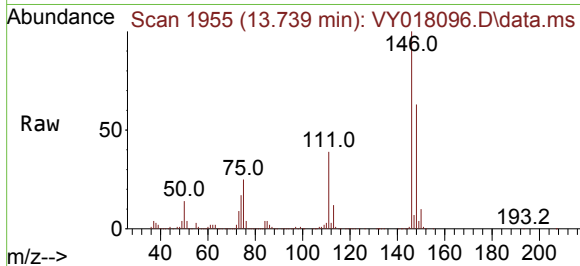




#91
1,2-Dichlorobenzene
Concen: 45.616 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

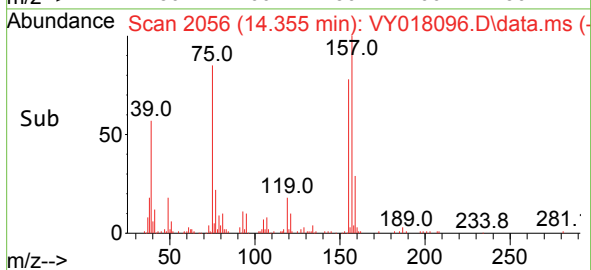
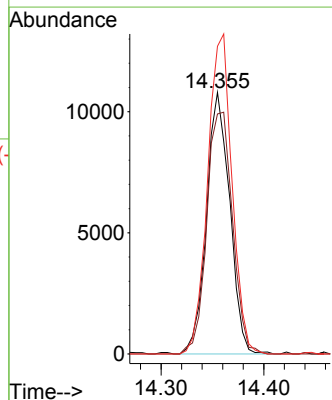
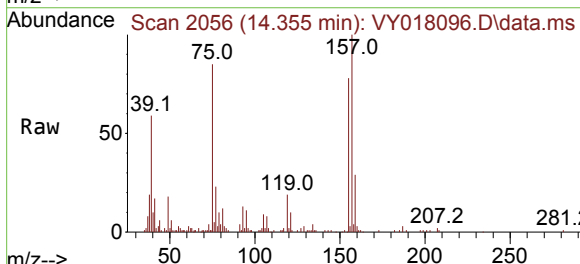
Instrument :
MSVOA_Y
ClientSampleId :

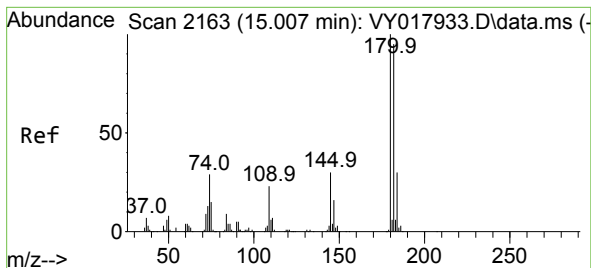
Tgt Ion:146 Resp: 288775
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.216 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion: 75 Resp: 16966
Ion Ratio Lower Upper
75 100
155 102.1 48.6 145.8
157 127.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.026 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

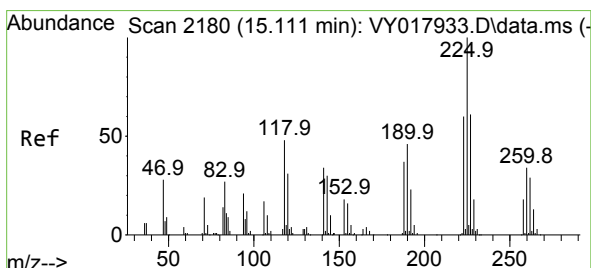
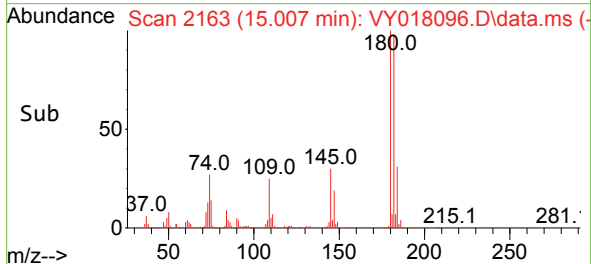
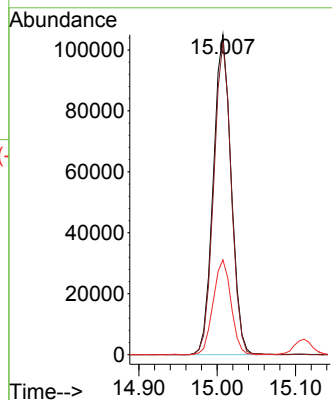
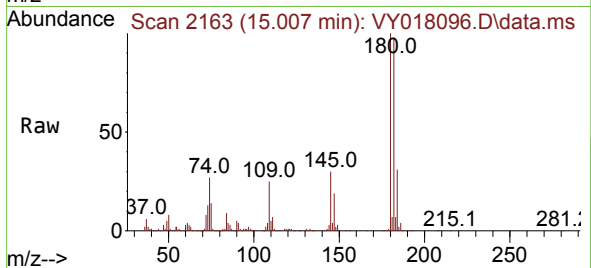
Tgt Ion:180 Resp: 166384

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.205 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018096.D

Acq: 01 May 2024 13:57

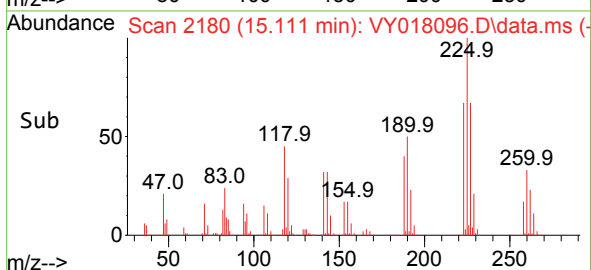
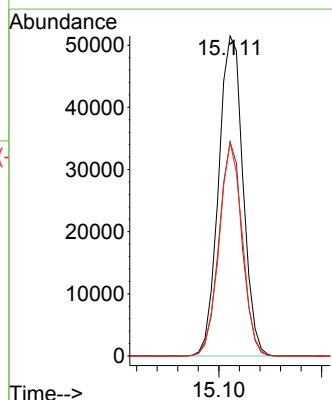
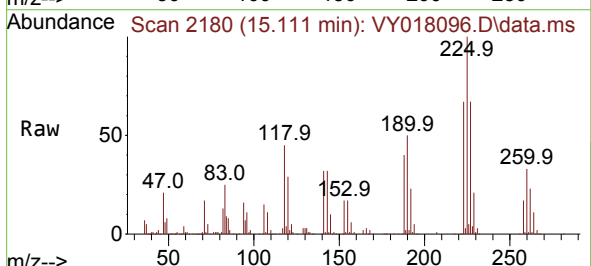
Tgt Ion:225 Resp: 84615

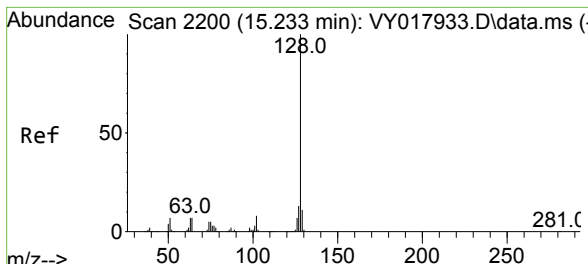
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 63.1 31.9 95.9

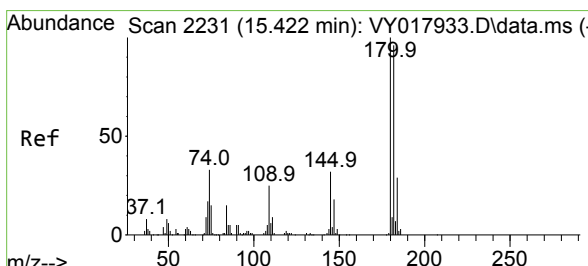
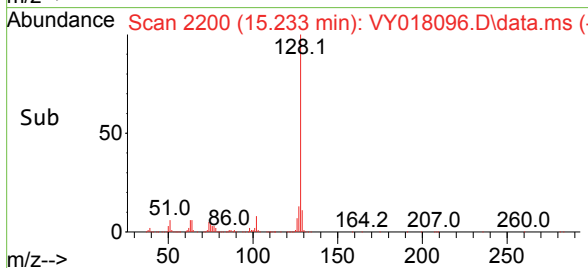
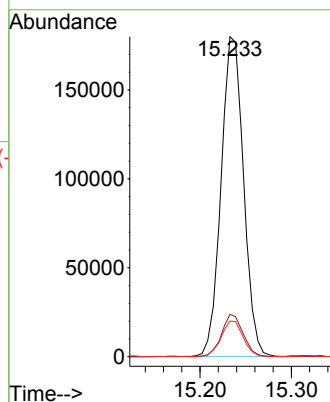
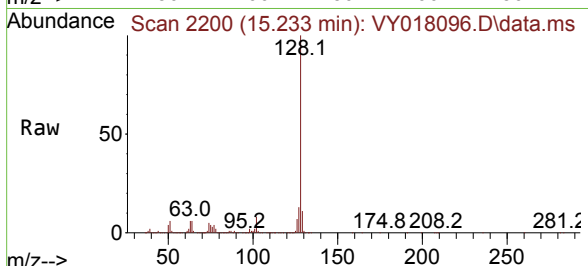




#95
Naphthalene
Concen: 47.162 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	307240
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.667 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018096.D
Acq: 01 May 2024 13:57

Tgt Ion:	180	Resp:	140729
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.6	142.9
145	31.8	15.4	46.1

