

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018155.D
 Acq On : 06 May 2024 11:29
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 23:44:31 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	256253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89429	44.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.540%
35) Dibromofluoromethane	7.710	113	105826	44.363	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.179	98	416045	44.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.477	95	133051	41.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40821	19.956	ug/l	99
3) Chloromethane	2.107	50	53551	20.036	ug/l	99
4) Vinyl Chloride	2.241	62	63622	22.002	ug/l	96
5) Bromomethane	2.638	94	45596	25.546	ug/l	98
6) Chloroethane	2.784	64	40941	22.734	ug/l	99
7) Trichlorofluoromethane	3.113	101	76302	19.820	ug/l	96
8) Diethyl Ether	3.515	74	25730	20.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	47429	19.742	ug/l	96
10) Methyl Iodide	4.082	142	57314	17.999	ug/l	97
11) Tert butyl alcohol	4.942	59	20054	121.817	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	47260	19.291	ug/l	90
13) Acrolein	3.723	56	25779	105.210	ug/l	97
14) Allyl chloride	4.466	41	62221	19.209	ug/l	98
15) Acrylonitrile	5.155	53	50201	108.121	ug/l	99
16) Acetone	3.942	43	37316	96.976	ug/l	95
17) Carbon Disulfide	4.186	76	127044	17.367	ug/l	99
18) Methyl Acetate	4.466	43	20600	20.903	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	111525	19.838	ug/l	97
20) Methylene Chloride	4.704	84	52782	19.575	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	51970	19.955	ug/l	94
22) Diisopropyl ether	6.106	45	134713	20.194	ug/l #	90
23) Vinyl Acetate	6.052	43	408764	96.609	ug/l	99
24) 1,1-Dichloroethane	6.009	63	81168	20.150	ug/l	98
25) 2-Butanone	6.972	43	60929	101.780	ug/l	92
26) 2,2-Dichloropropane	6.972	77	74966	19.899	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	61851	19.914	ug/l	96
28) Bromochloromethane	7.326	49	35010	21.506	ug/l	94
29) Tetrahydrofuran	7.338	42	39960	105.001	ug/l	97
30) Chloroform	7.502	83	85679	20.100	ug/l	100
31) Cyclohexane	7.783	56	73391	18.963	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	76389	19.634	ug/l	98
36) 1,1-Dichloropropene	7.911	75	61944	19.453	ug/l	96
37) Ethyl Acetate	7.064	43	28170	20.329	ug/l #	94
38) Carbon Tetrachloride	7.893	117	68810	19.039	ug/l	96
39) Methylcyclohexane	9.179	83	88556	18.934	ug/l	99
40) Benzene	8.155	78	204872	20.023	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14216	17.396	ug/l	95
42) 1,2-Dichloroethane	8.234	62	44709	18.861	ug/l	96
43) Isopropyl Acetate	8.271	43	57258	19.668	ug/l	96
44) Trichloroethene	8.935	130	55788	19.226	ug/l	98
45) 1,2-Dichloropropane	9.209	63	44912	20.118	ug/l	99
46) Dibromomethane	9.301	93	25617	18.873	ug/l	95
47) Bromodichloromethane	9.496	83	63908	19.179	ug/l	94
48) Methyl methacrylate	9.289	41	25845	19.394	ug/l	91
49) 1,4-Dioxane	9.295	88	6705	445.259	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	141626	99.606	ug/l	97
52) Toluene	10.240	92	132075	19.504	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	61934	19.236	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	72620	19.199	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	35562	19.480	ug/l	96
56) Ethyl methacrylate	10.508	69	48394	18.749	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	58178	19.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	124442	103.282	ug/l	95
59) 2-Hexanone	10.831	43	98792	97.349	ug/l	98
60) Dibromochloromethane	10.984	129	46601	18.794	ug/l	97
61) 1,2-Dibromoethane	11.087	107	34137	19.514	ug/l	97
64) Tetrachloroethene	10.715	164	48992	18.932	ug/l	95
65) Chlorobenzene	11.514	112	147211	19.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	47672	18.782	ug/l	100
67) Ethyl Benzene	11.593	91	245679	19.416	ug/l	95
68) m/p-Xylenes	11.703	106	196202	38.697	ug/l	96
69) o-Xylene	12.026	106	93223	19.139	ug/l	95
70) Styrene	12.044	104	159503	19.457	ug/l	97
71) Bromoform	12.209	173	27404	18.424	ug/l #	100
73) Isopropylbenzene	12.331	105	240554	19.620	ug/l	98
74) N-amyl acetate	12.142	43	51776	19.240	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	39540	20.267	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	48893	35.761	ug/l #	100
77) Bromobenzene	12.605	156	57010	19.569	ug/l	94
78) n-propylbenzene	12.672	91	281378	19.929	ug/l	98
79) 2-Chlorotoluene	12.758	91	155405	19.380	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	192240	19.454	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13967	18.611	ug/l	99
82) 4-Chlorotoluene	12.855	91	156348	19.028	ug/l	95
83) tert-Butylbenzene	13.075	119	179096	19.796	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	185754	19.189	ug/l	97
85) sec-Butylbenzene	13.251	105	258207	19.889	ug/l	97
86) p-Isopropyltoluene	13.367	119	212817	19.670	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	109630	19.675	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	106584	19.407	ug/l	98
89) n-Butylbenzene	13.696	91	192559	20.111	ug/l	98
90) Hexachloroethane	13.959	117	42440	19.307	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	95207	19.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5352	18.186	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	51862	19.111	ug/l	98
94) Hexachlorobutadiene	15.111	225	29121	19.387	ug/l	99
95) Naphthalene	15.233	128	97519	19.517	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	44874	19.817	ug/l	97

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QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

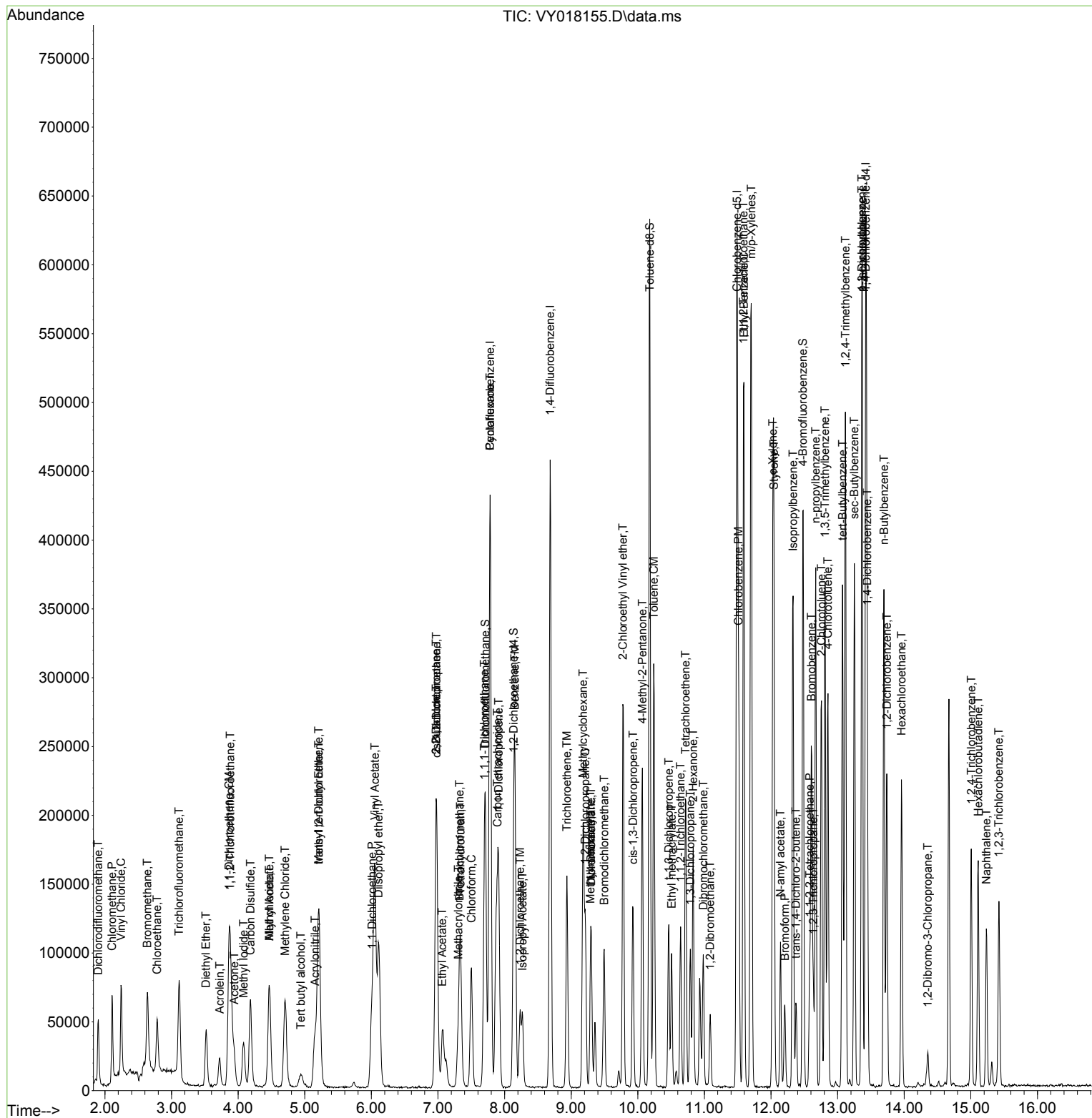
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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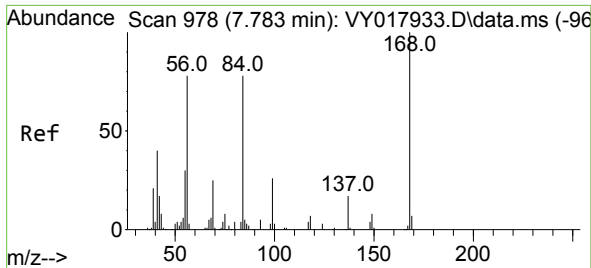
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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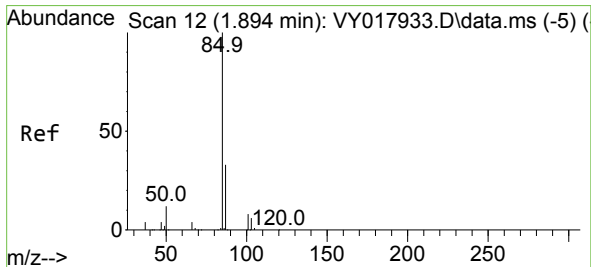
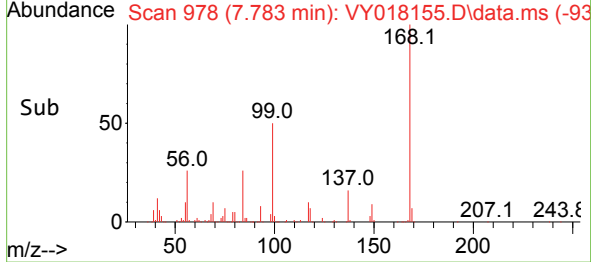
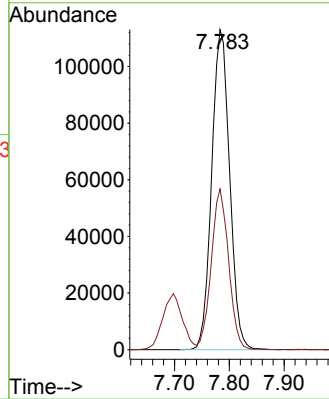
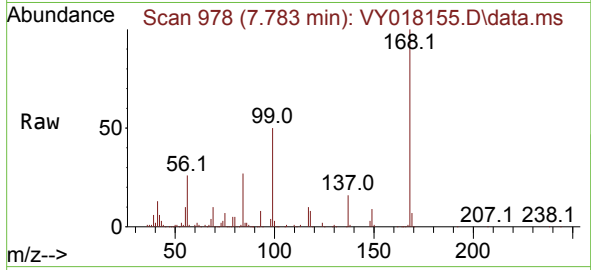




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018155.D
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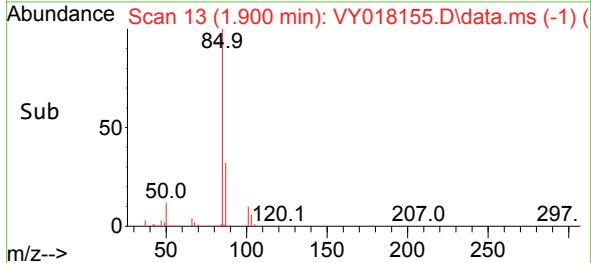
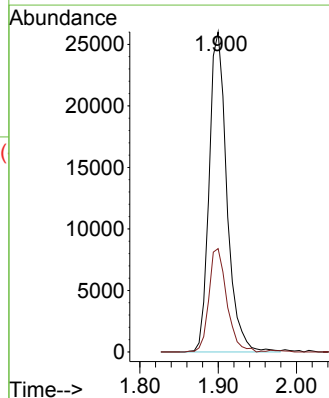
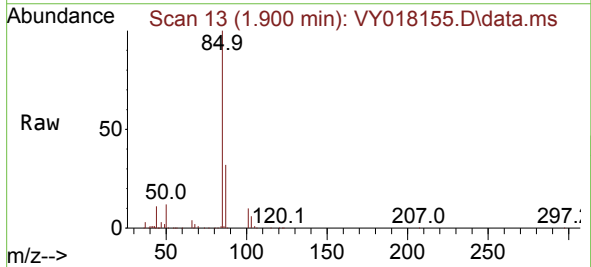
Instrument :
MSVOA_Y
ClientSampleId :

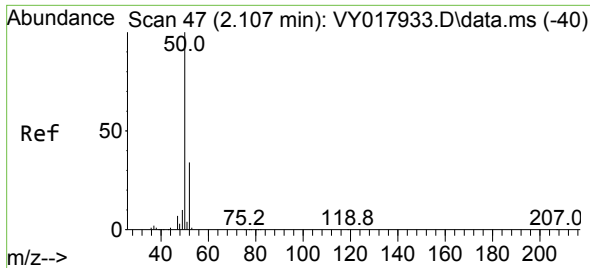
Tgt Ion:168 Resp: 256253
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.956 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

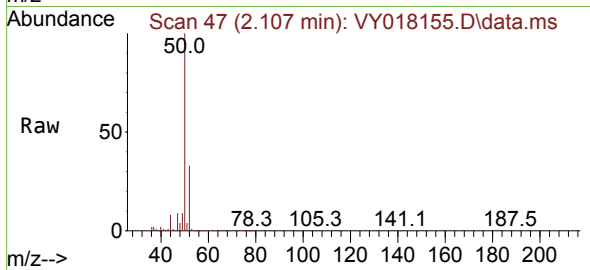
Tgt Ion: 85 Resp: 40821
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0



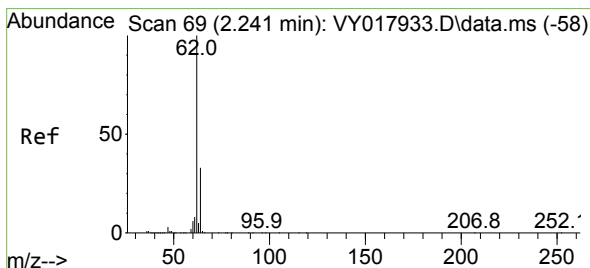
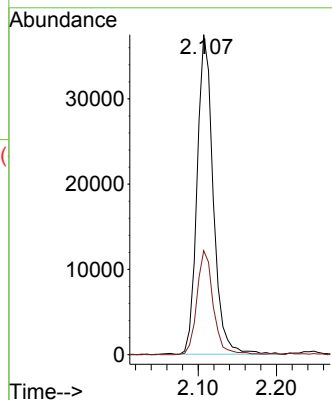
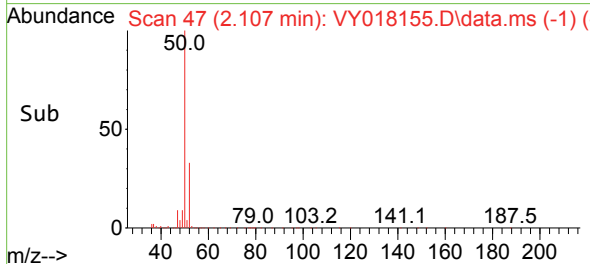


#3
Chloromethane
Concen: 20.036 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

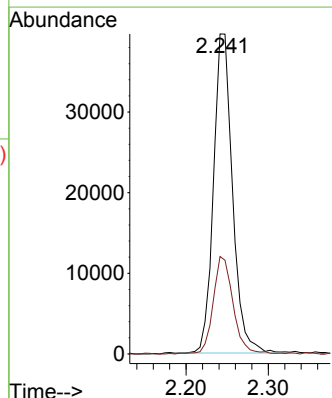
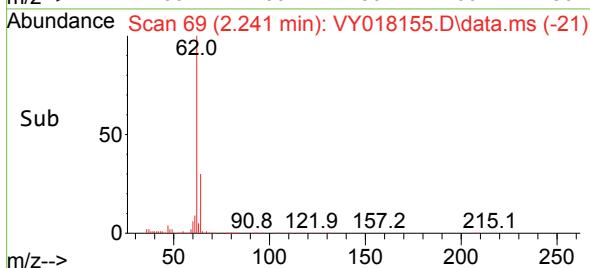
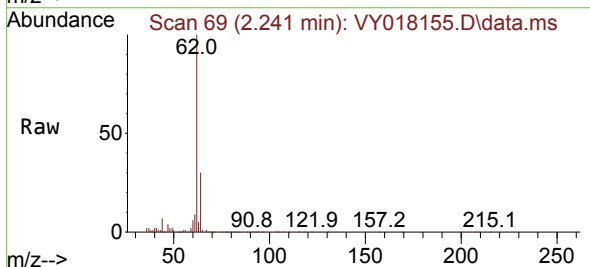


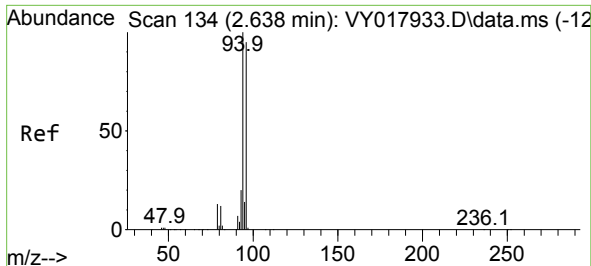
Tgt Ion: 50 Resp: 53551
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 22.002 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 62 Resp: 63622
Ion Ratio Lower Upper
62 100
64 30.3 26.1 39.1

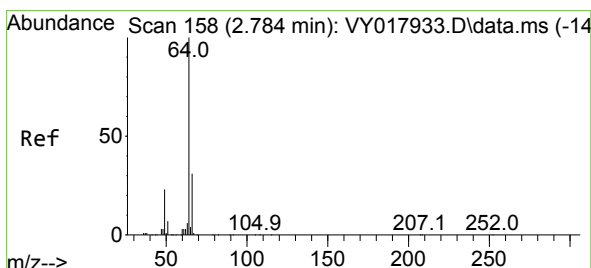
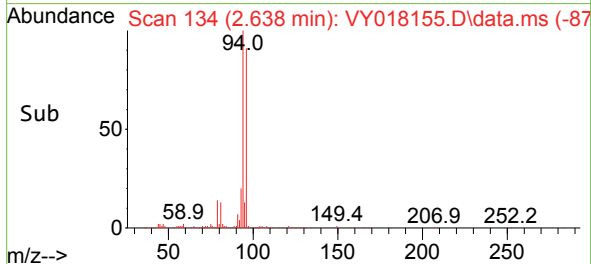
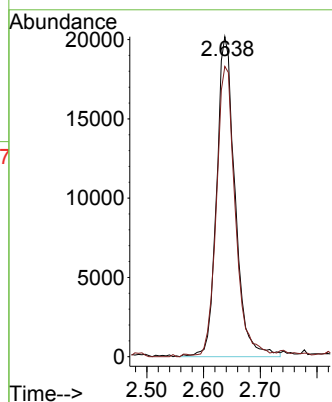
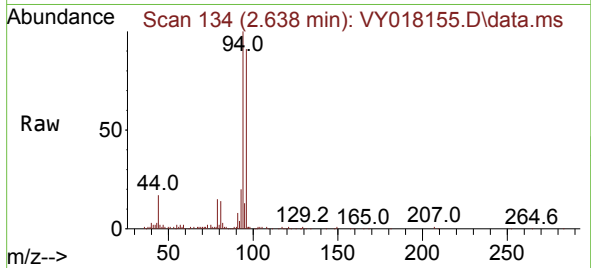




#5
Bromomethane
Concen: 25.546 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.011 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

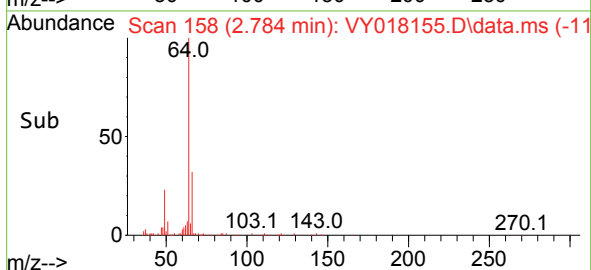
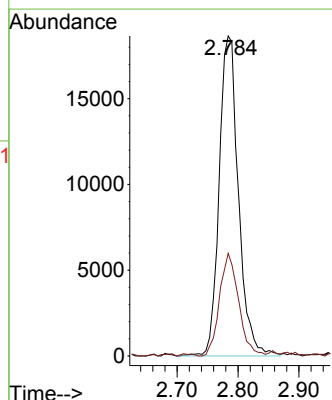
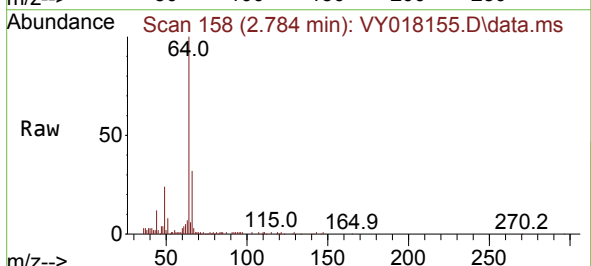
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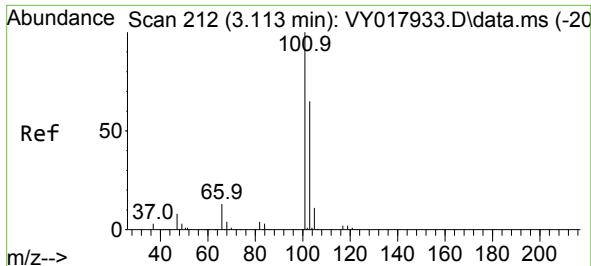
Tgt Ion: 94 Resp: 45596
Ion Ratio Lower Upper
94 100
96 90.7 74.1 111.1



#6
Chloroethane
Concen: 22.734 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY018155.D
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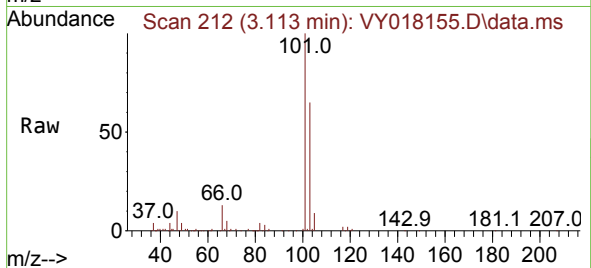
Tgt Ion: 64 Resp: 40941
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1



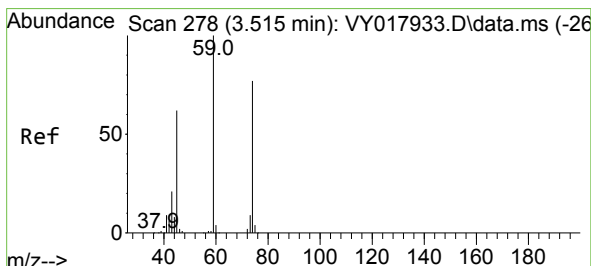
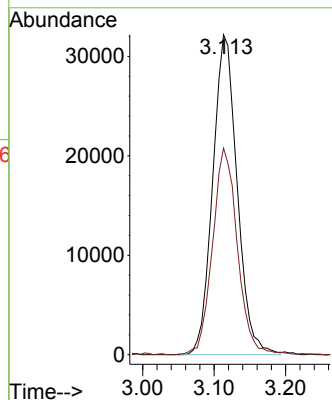
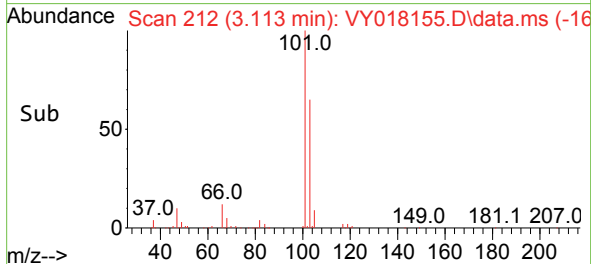


#7
 Trichlorofluoromethane
 Concen: 19.820 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

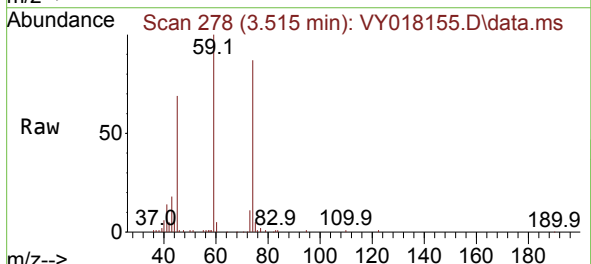
Instrument :
 MSVOA_Y
 ClientSampleId :



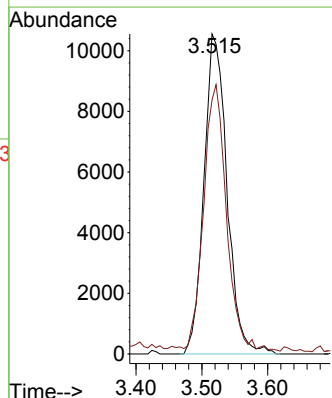
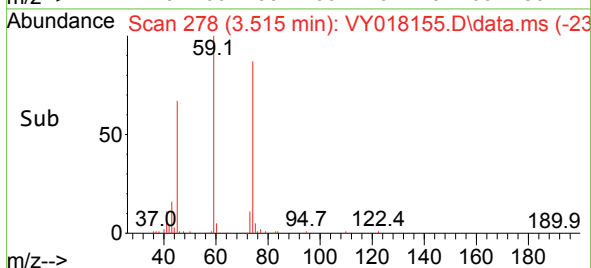
Tgt Ion:101 Resp: 76302
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.3 73.9

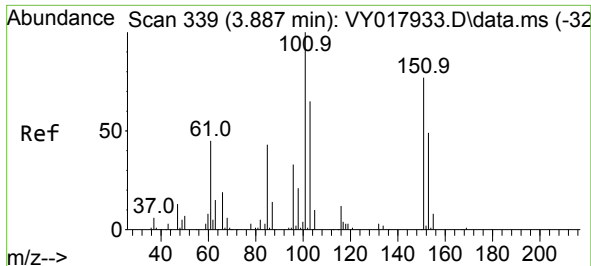


#8
 Diethyl Ether
 Concen: 20.816 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 25730
 Ion Ratio Lower Upper
 74 100
 45 82.8 41.3 124.1

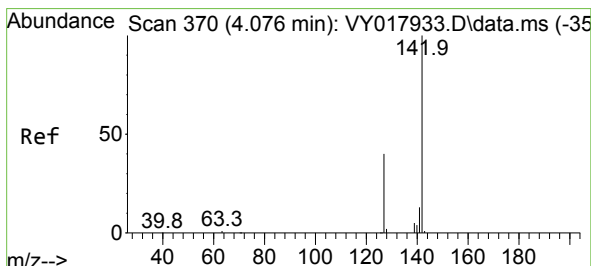
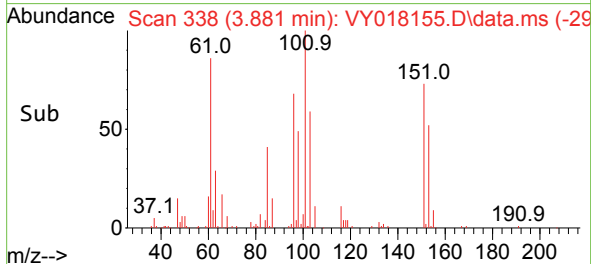
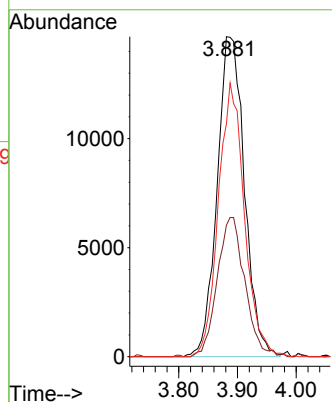
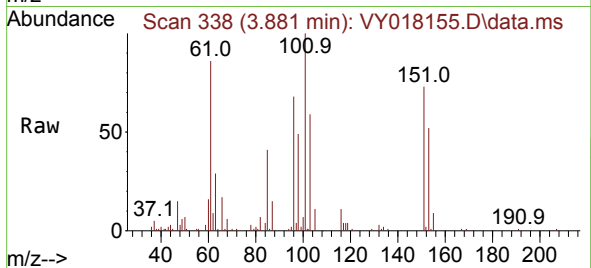




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.742 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

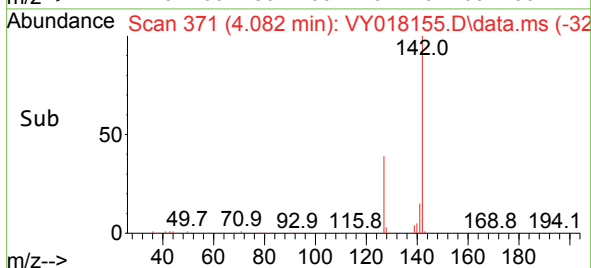
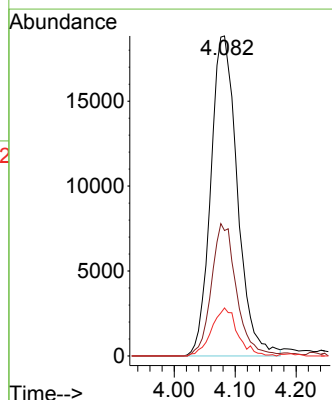
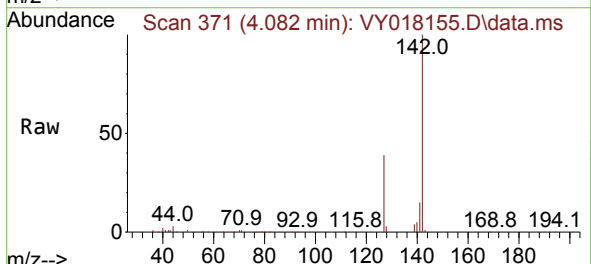
Instrument :
MSVOA_Y
ClientSampleId :

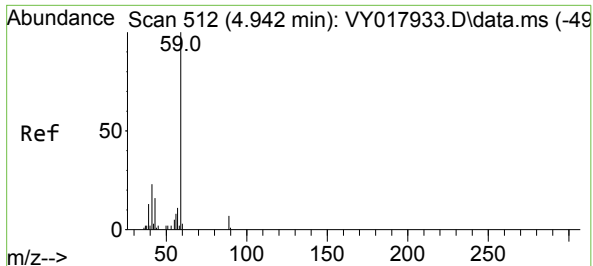
Tgt Ion:101 Resp: 47429
Ion Ratio Lower Upper
101 100
85 44.0 34.5 51.7
151 81.5 61.7 92.5



#10
Methyl Iodide
Concen: 17.999 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

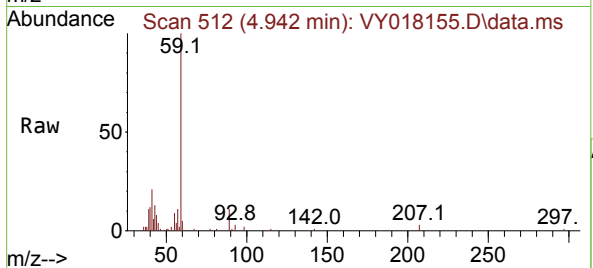
Tgt Ion:142 Resp: 57314
Ion Ratio Lower Upper
142 100
127 38.9 32.8 49.2
141 14.7 11.4 17.2



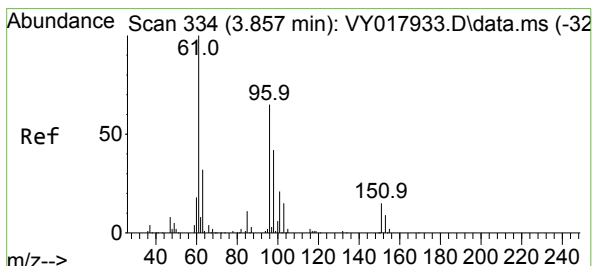
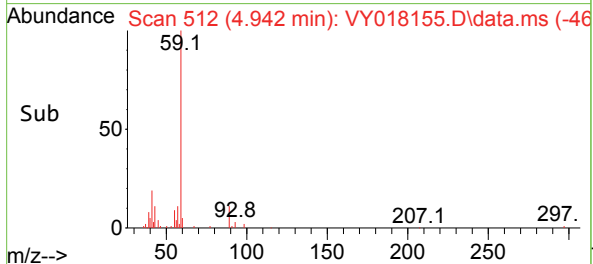
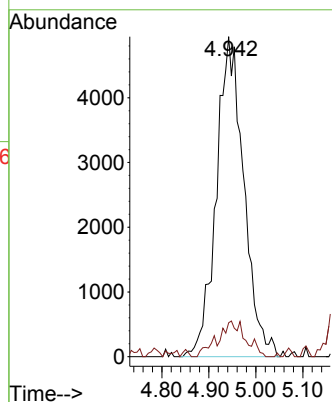


#11
Tert butyl alcohol
Concen: 121.817 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

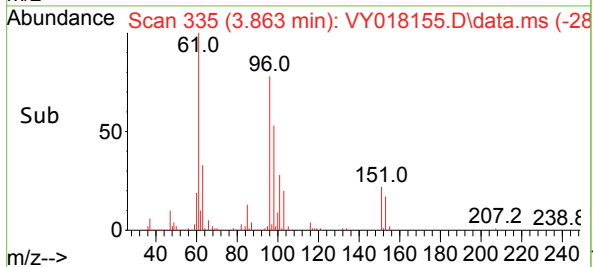
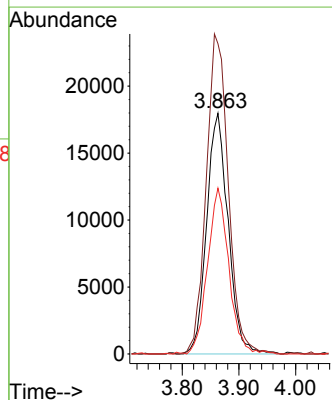
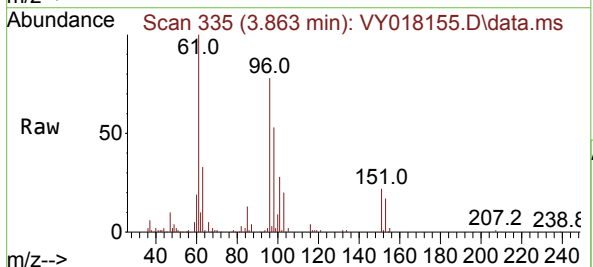


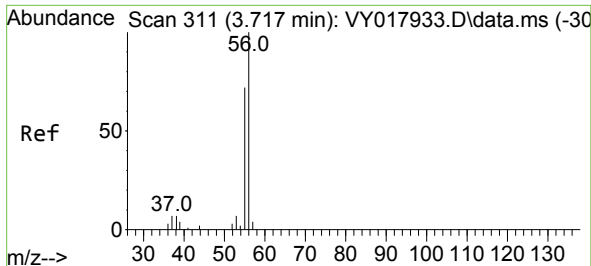
Tgt Ion: 59 Resp: 20054
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.291 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

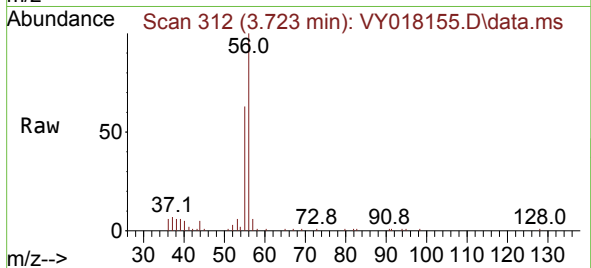
Tgt Ion: 96 Resp: 47260
Ion Ratio Lower Upper
96 100
61 128.9 114.6 171.8
98 68.9 50.8 76.2



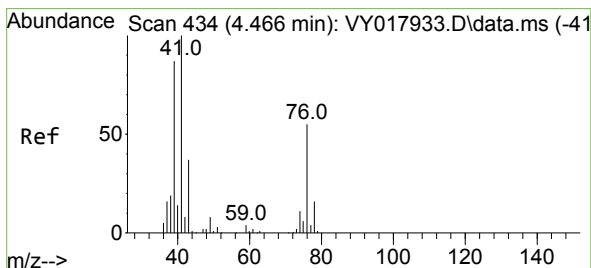
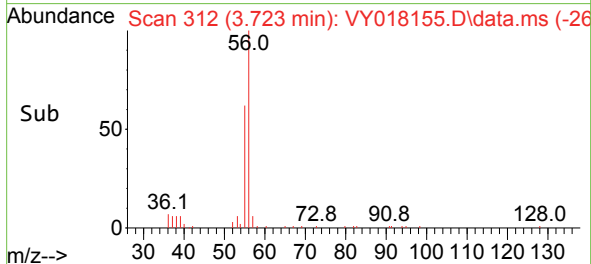
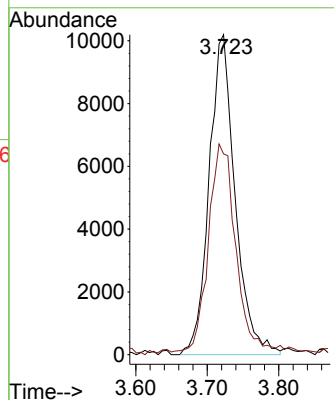


#13
Acrolein
Concen: 105.210 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

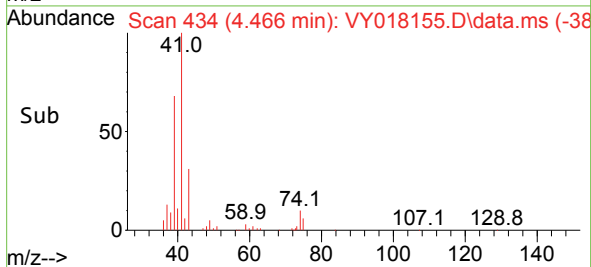
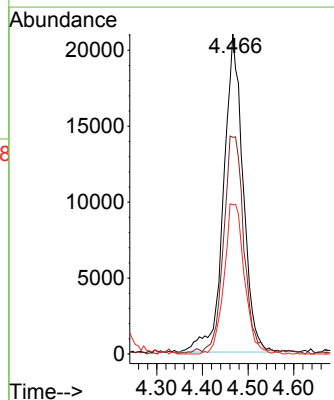
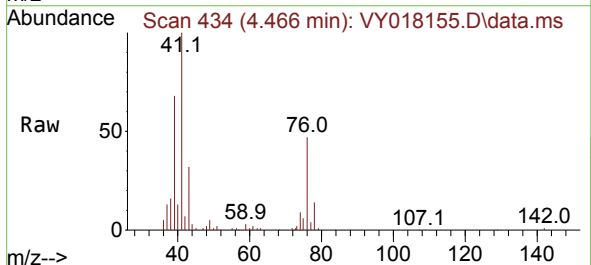


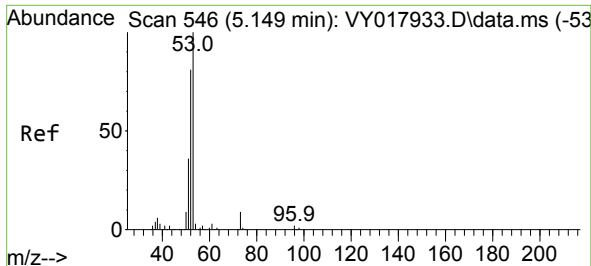
Tgt Ion: 56 Resp: 25779
Ion Ratio Lower Upper
56 100
55 66.8 55.7 83.5



#14
Allyl chloride
Concen: 19.209 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

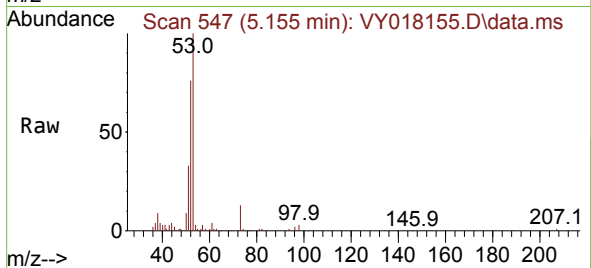
Tgt Ion: 41 Resp: 62221
Ion Ratio Lower Upper
41 100
39 69.7 58.3 87.5
76 48.9 39.0 58.6



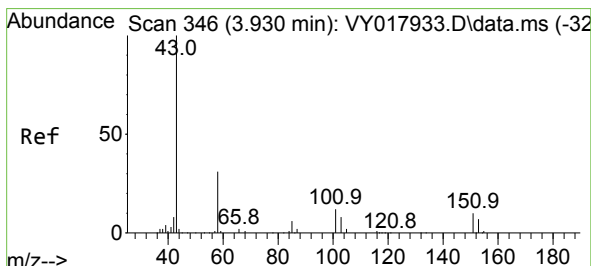
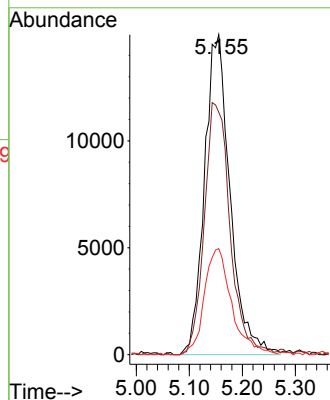
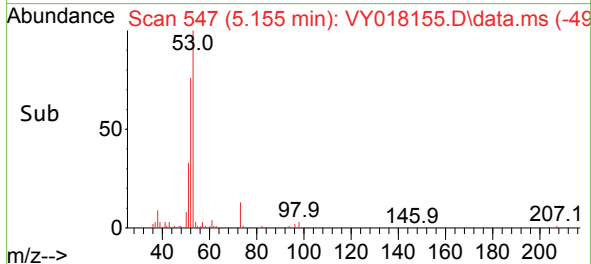


#15
Acrylonitrile
Concen: 108.121 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

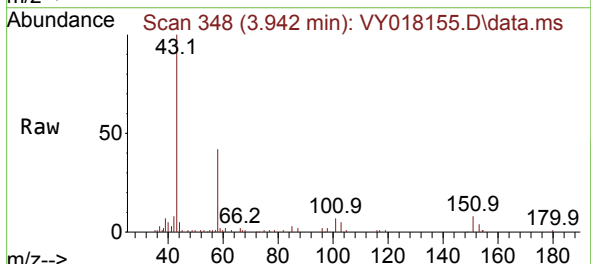
Instrument :
MSVOA_Y
ClientSampleId :



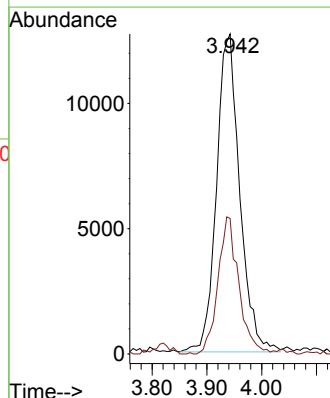
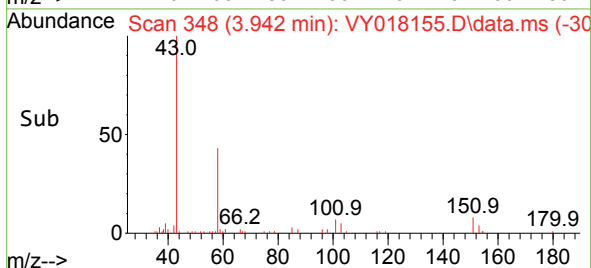
Tgt Ion: 53 Resp: 50201
Ion Ratio Lower Upper
53 100
52 79.3 64.7 97.1
51 35.4 28.4 42.6

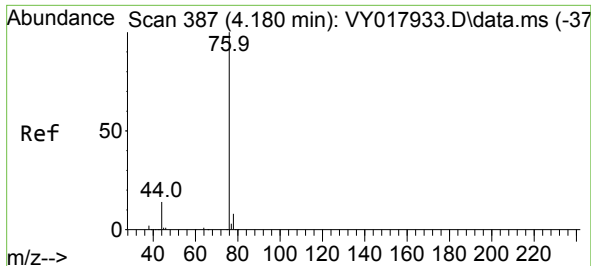


#16
Acetone
Concen: 96.976 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29



Tgt Ion: 43 Resp: 37316
Ion Ratio Lower Upper
43 100
58 42.6 31.7 47.5

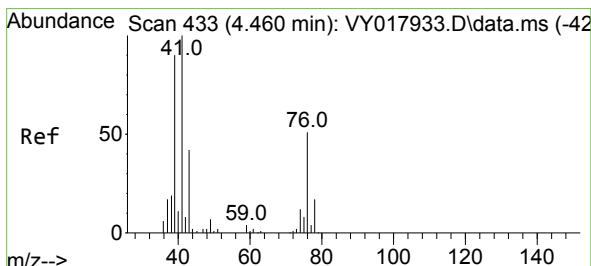
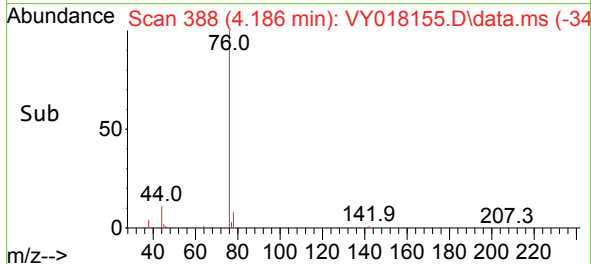
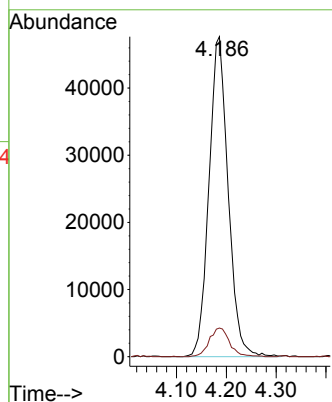
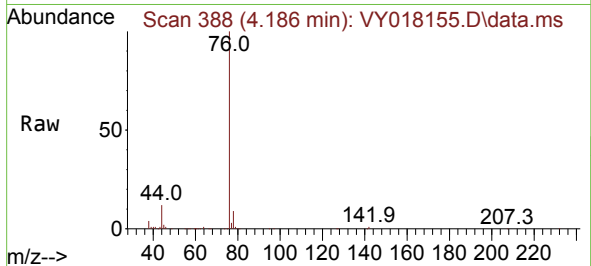




#17
Carbon Disulfide
Concen: 17.367 ug/l
RT: 4.186 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

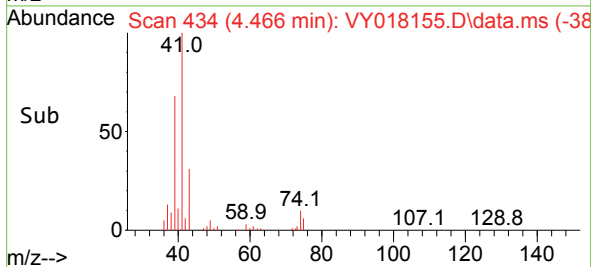
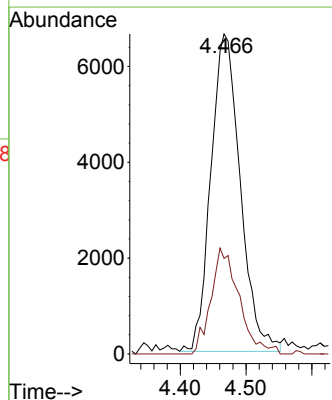
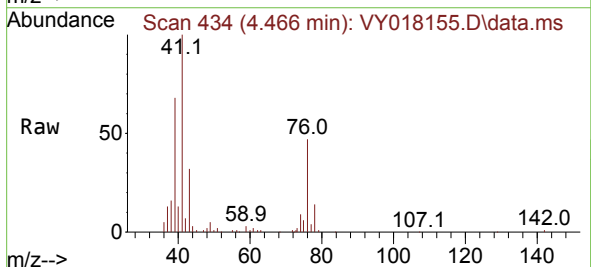
Instrument :
MSVOA_Y
ClientSampleId :

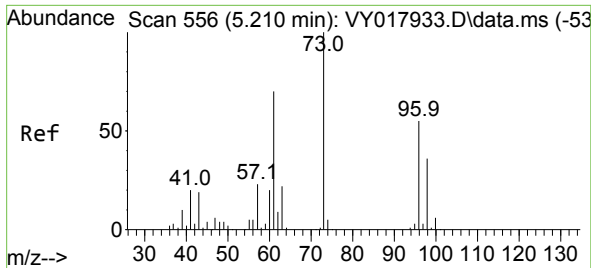
Tgt Ion: 76 Resp: 127044
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 20.903 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 43 Resp: 20600
Ion Ratio Lower Upper
43 100
74 31.9 23.3 34.9

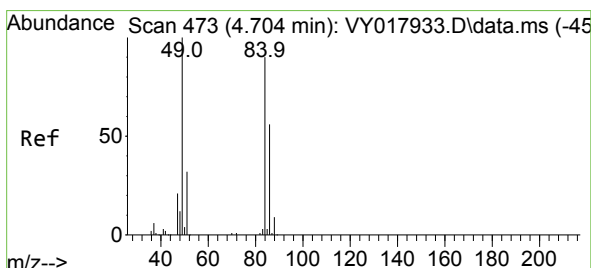
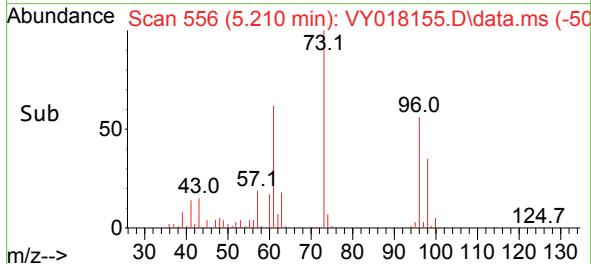
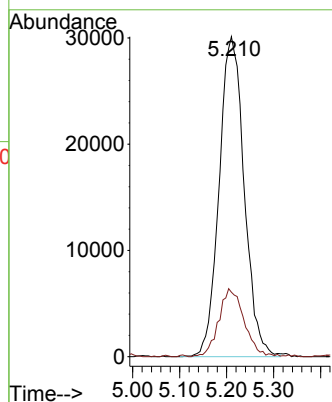
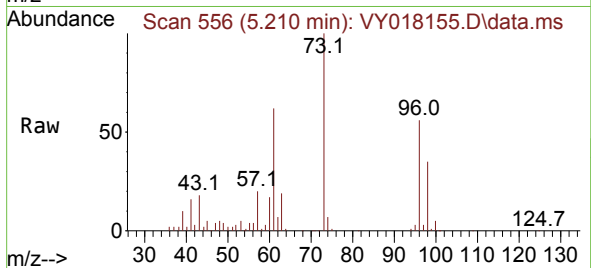




#19
Methyl tert-butyl Ether
Concen: 19.838 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

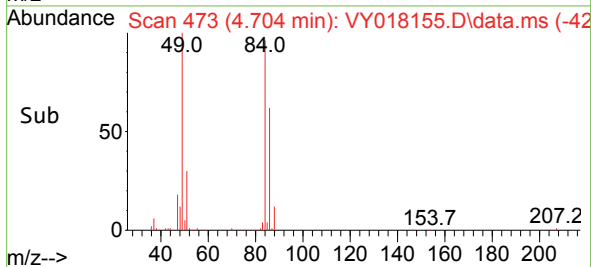
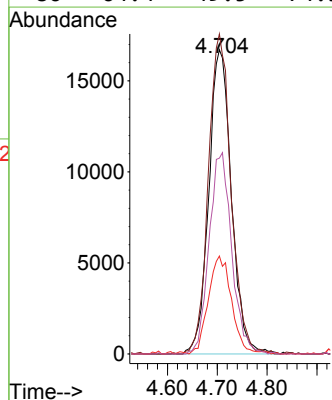
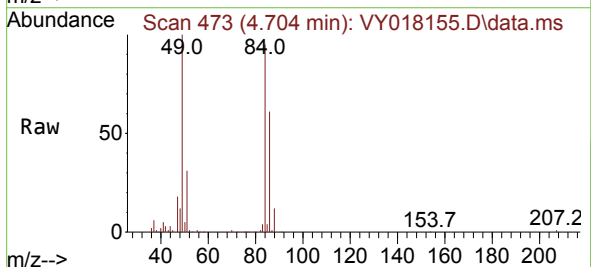
Instrument :
MSVOA_Y
ClientSampleId :

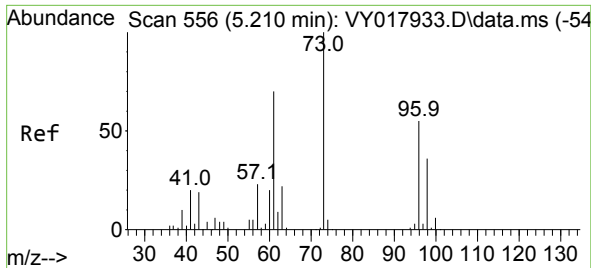
Tgt Ion: 73 Resp: 111525
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9



#20
Methylene Chloride
Concen: 19.575 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 84 Resp: 52782
Ion Ratio Lower Upper
84 100
49 105.2 84.4 126.6
51 32.2 26.0 39.0
86 64.4 49.5 74.3

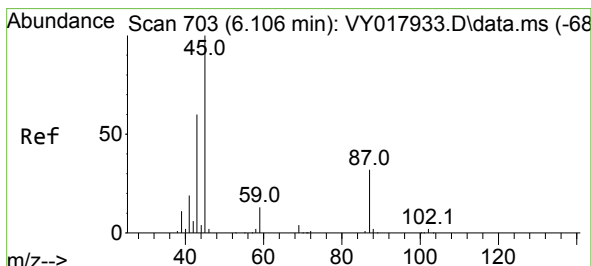
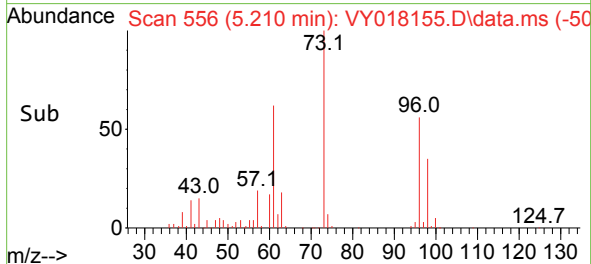
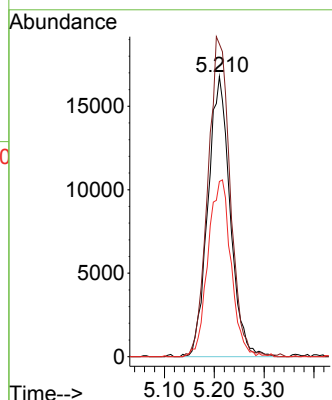
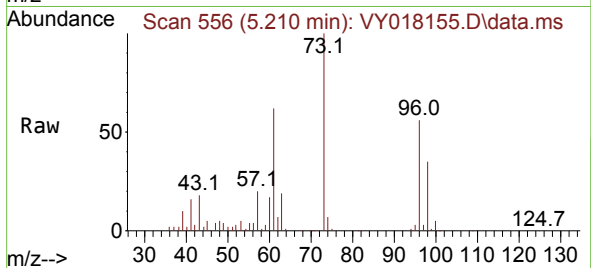




#21
trans-1,2-Dichloroethene
Concen: 19.955 ug/l
RT: 5.210 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

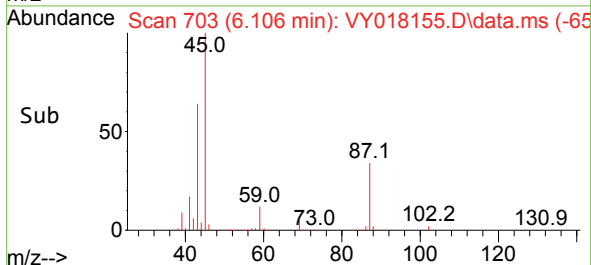
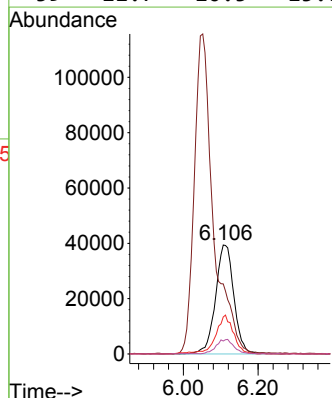
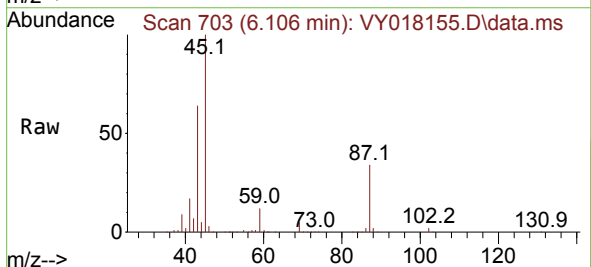
Instrument :
MSVOA_Y
ClientSampleId :

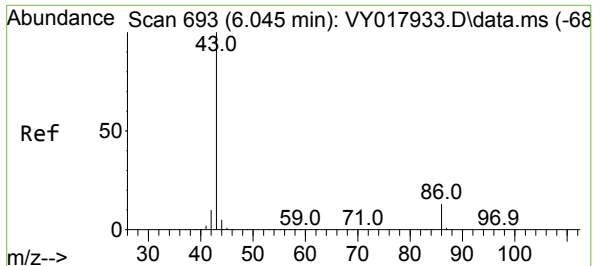
Tgt Ion: 96 Resp: 51970
Ion Ratio Lower Upper
96 100
61 111.6 97.5 146.3
98 62.5 50.5 75.7



#22
Diisopropyl ether
Concen: 20.194 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 45 Resp: 134713
Ion Ratio Lower Upper
45 100
43 63.4 42.2 63.2#
87 33.9 25.0 37.6
59 11.7 10.5 15.7

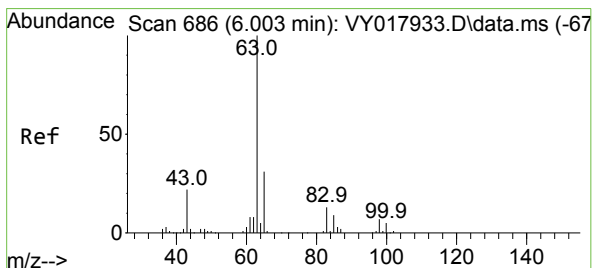
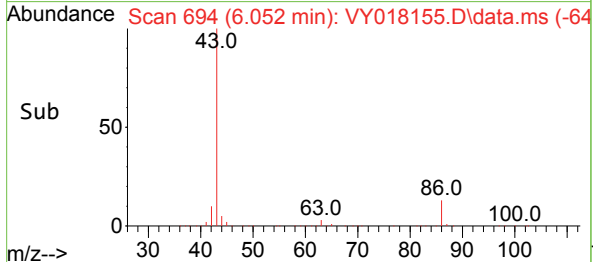
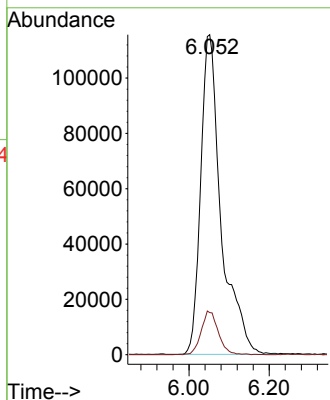
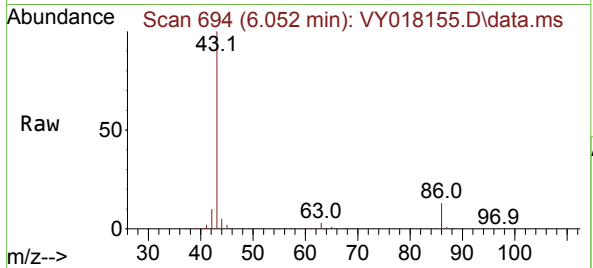




#23
 Vinyl Acetate
 Concen: 96.609 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

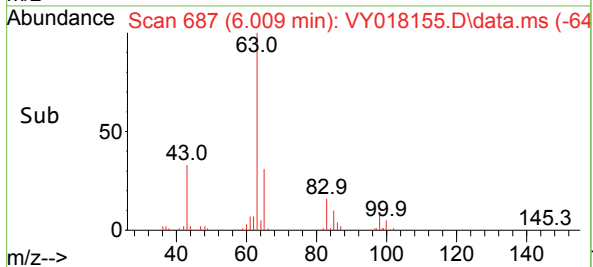
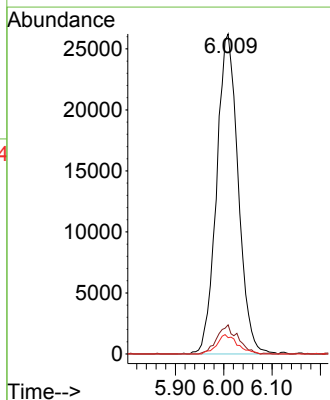
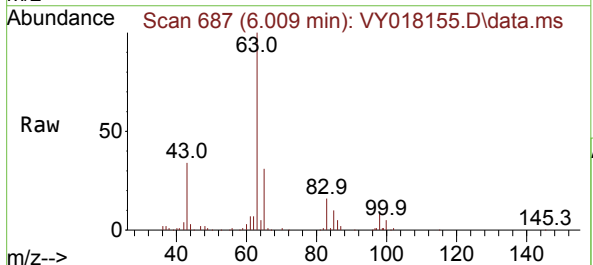
Instrument :
 MSVOA_Y
 ClientSampleId :

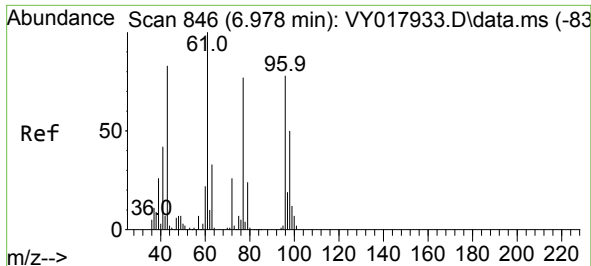
Tgt Ion: 43 Resp: 408764
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.150 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

Tgt Ion: 63 Resp: 81168
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 101.780 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

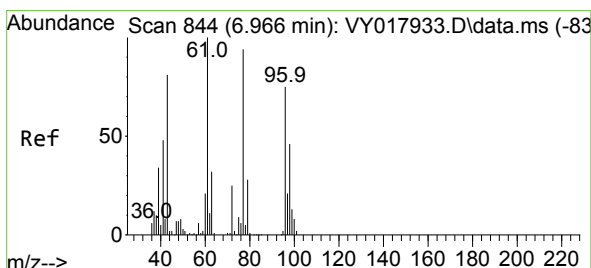
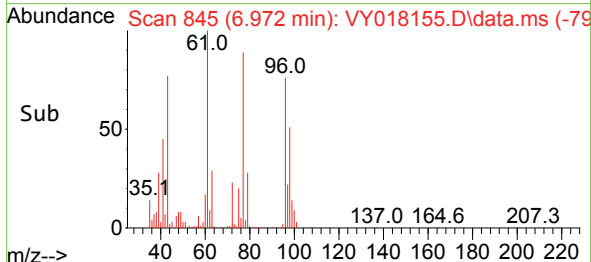
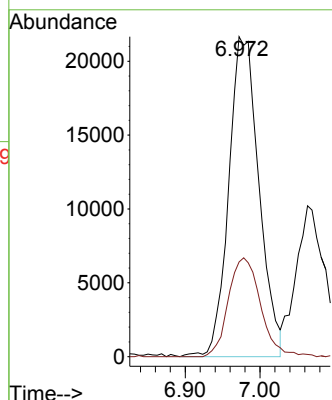
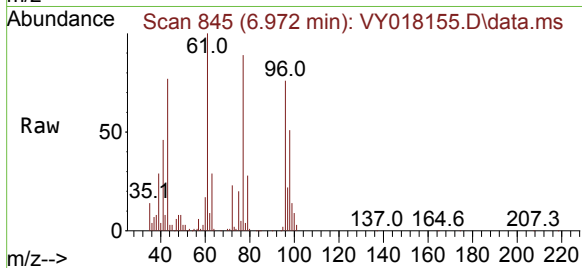
ClientSampleId :

Tgt Ion: 43 Resp: 60929

Ion Ratio Lower Upper

43 100

72 29.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.899 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018155.D

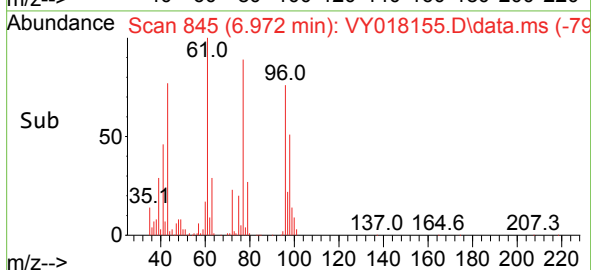
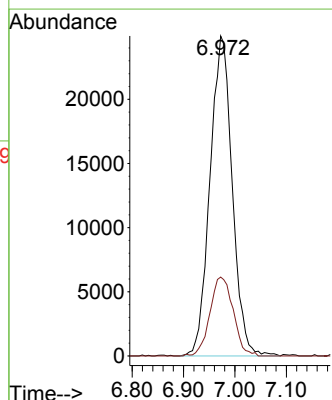
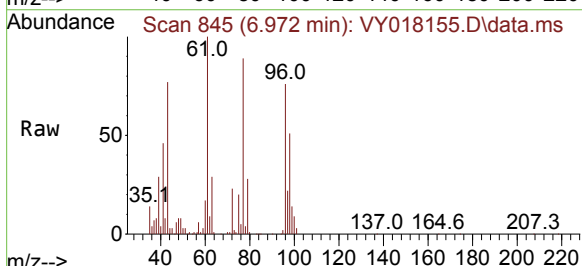
Acq: 06 May 2024 11:29

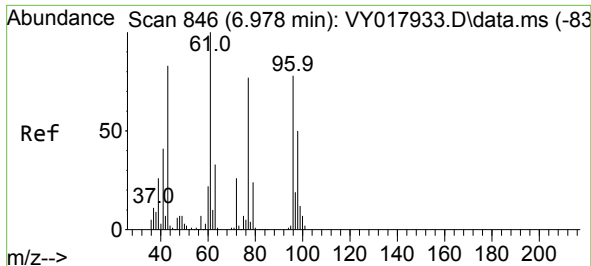
Tgt Ion: 77 Resp: 74966

Ion Ratio Lower Upper

77 100

97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.914 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

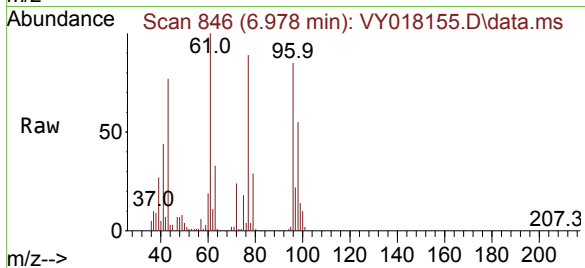
Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :



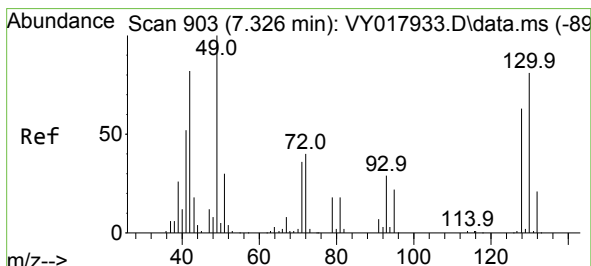
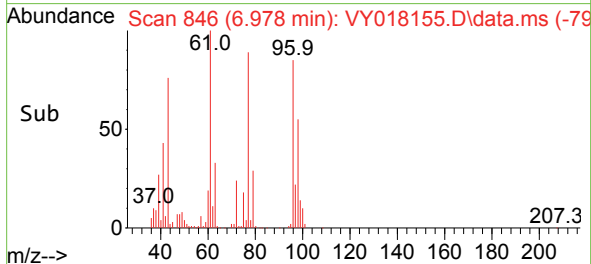
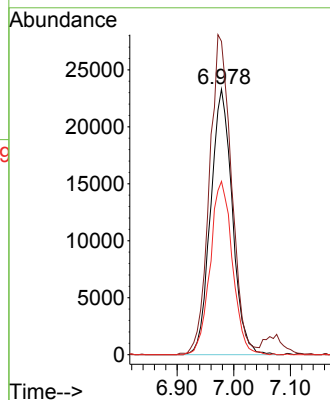
Tgt Ion: 96 Resp: 61851

Ion Ratio Lower Upper

96 100

61 123.0 0.0 256.2

98 66.9 0.0 130.0



#28

Bromochloromethane

Concen: 21.506 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

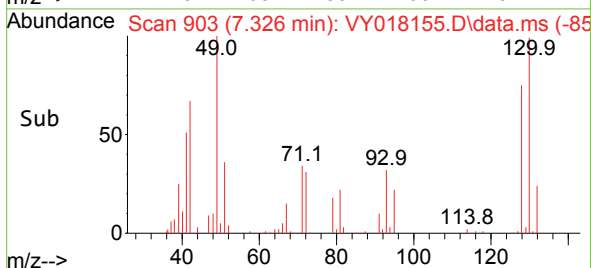
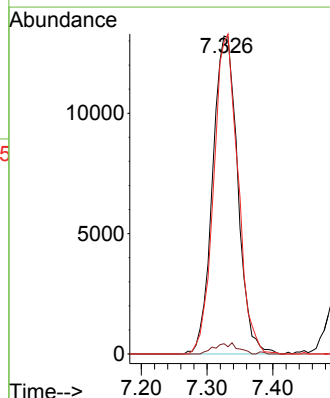
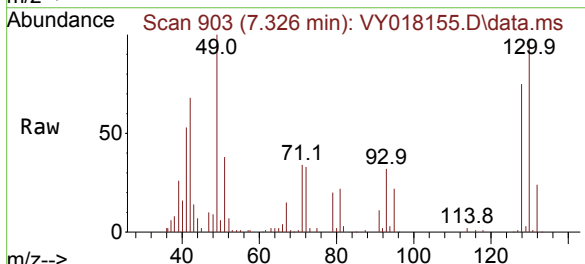
Tgt Ion: 49 Resp: 35010

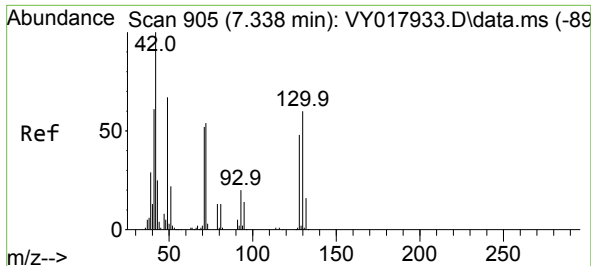
Ion Ratio Lower Upper

49 100

129 3.2 0.0 4.6

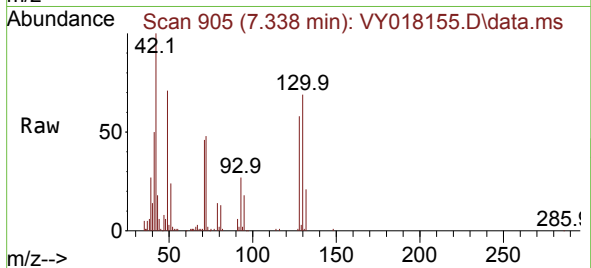
130 97.1 72.7 109.1



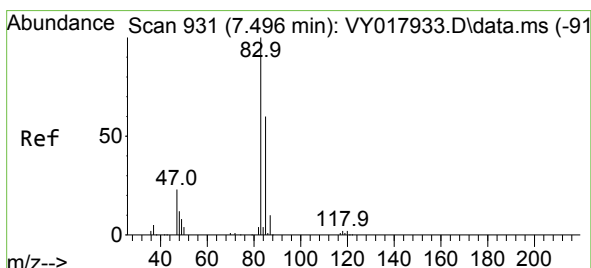
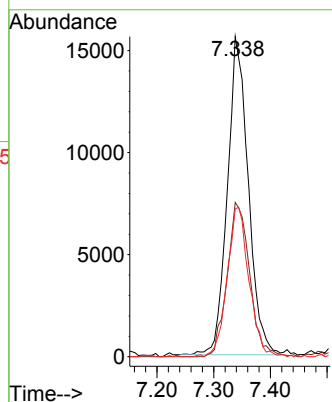
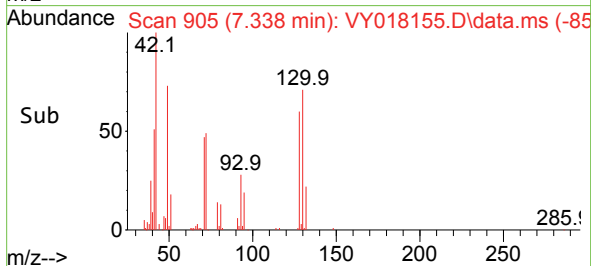


#29
Tetrahydrofuran
Concen: 105.001 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

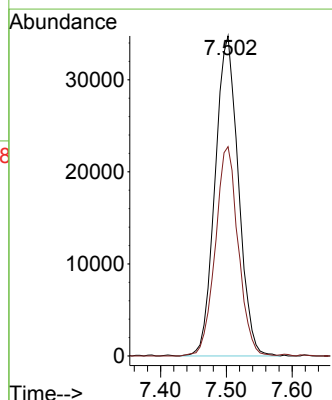
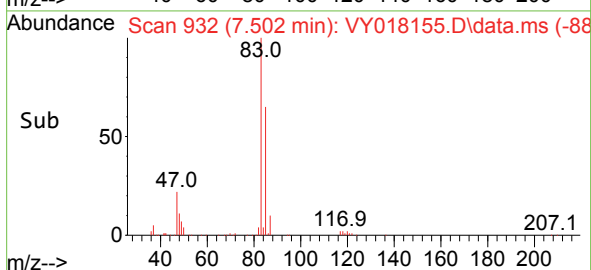
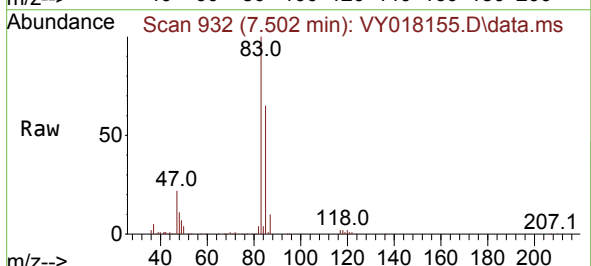


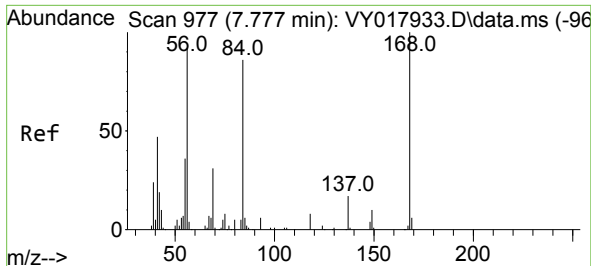
Tgt Ion:	42	Resp:	39960
Ion Ratio	Lower	Upper	
42	100		
72	52.1	43.0	64.4
71	48.9	40.8	61.2



#30
Chloroform
Concen: 20.100 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

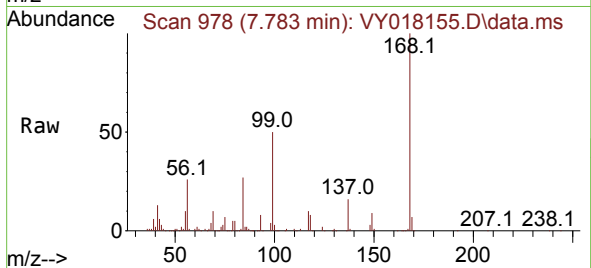
Tgt Ion:	83	Resp:	85679
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.2	78.4



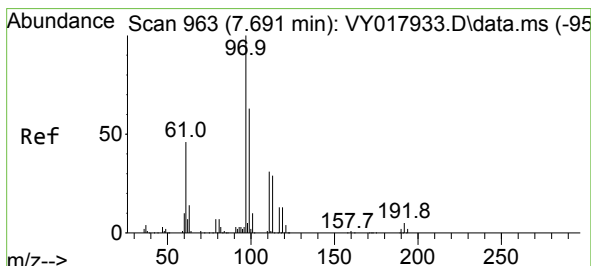
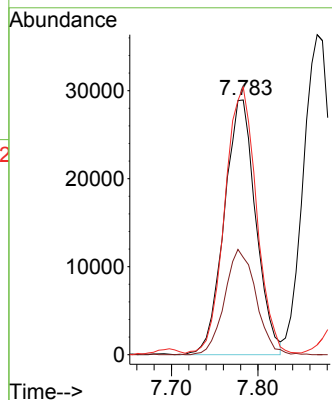
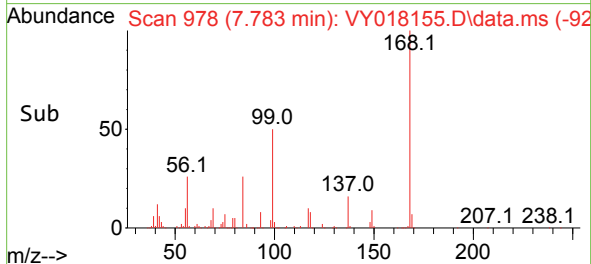


#31
Cyclohexane
Concen: 18.963 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

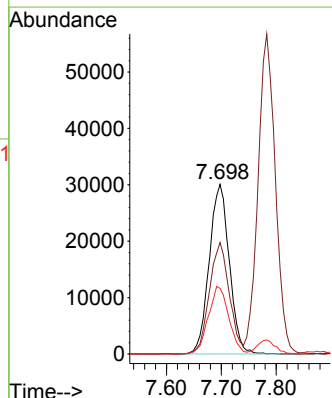
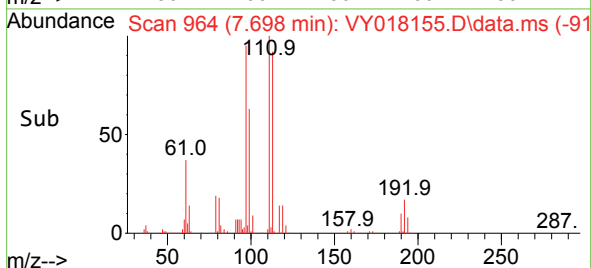
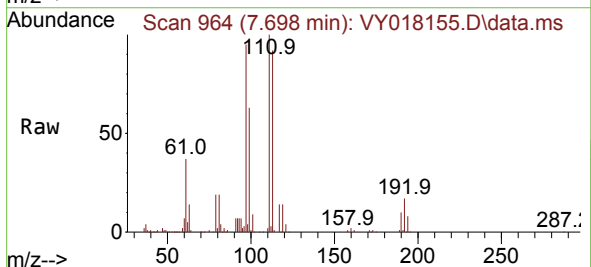


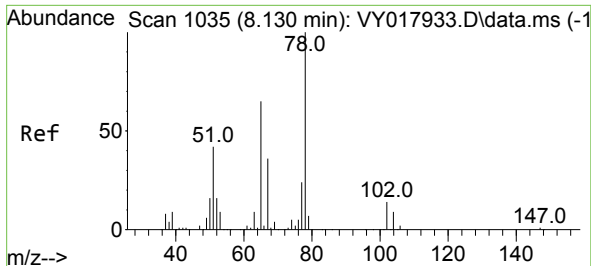
Tgt Ion: 56 Resp: 73391
Ion Ratio Lower Upper
56 100
69 38.0 28.7 43.1
84 103.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.634 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 97 Resp: 76389
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 40.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.274 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

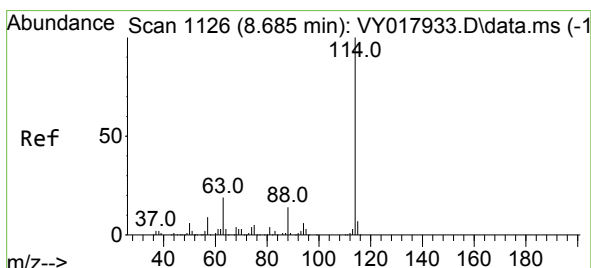
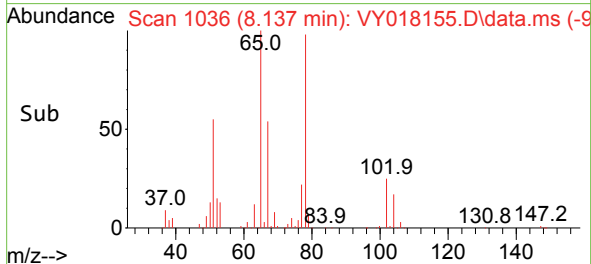
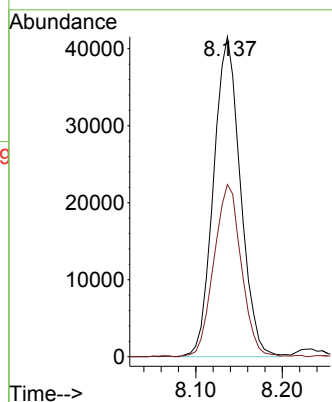
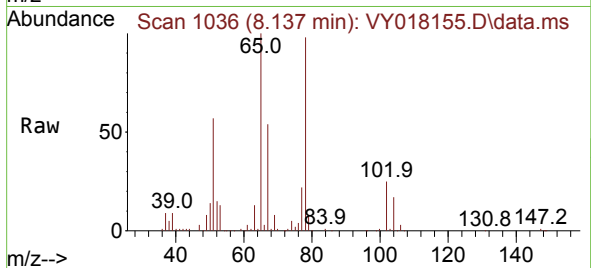
ClientSampleId :

Tgt Ion: 65 Resp: 89429

Ion Ratio Lower Upper

65 100

67 54.9 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: VY018155.D

Acq: 06 May 2024 11:29

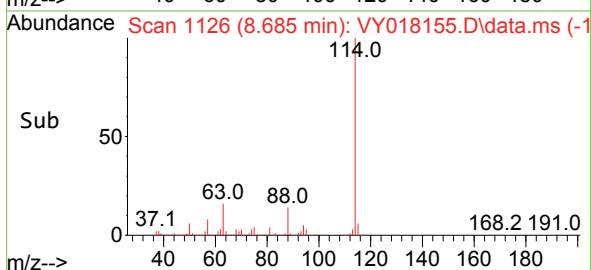
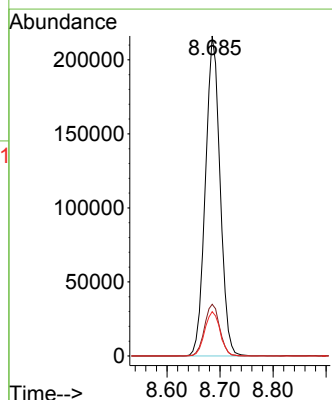
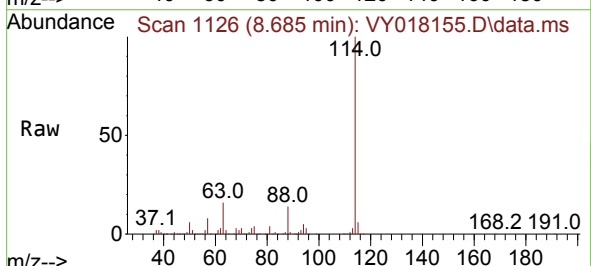
Tgt Ion: 114 Resp: 415101

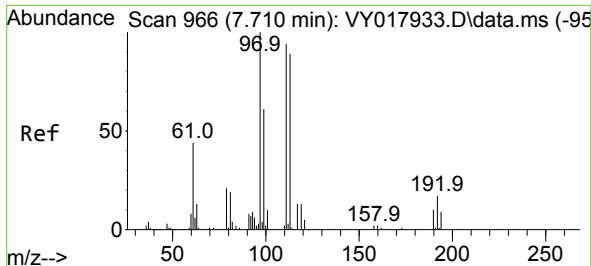
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 44.363 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

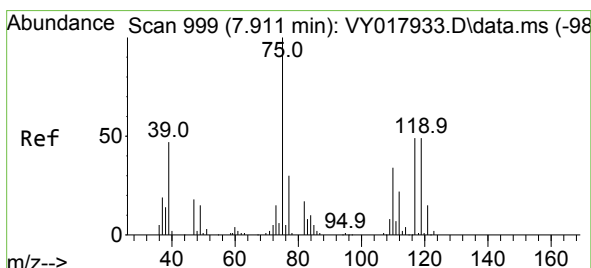
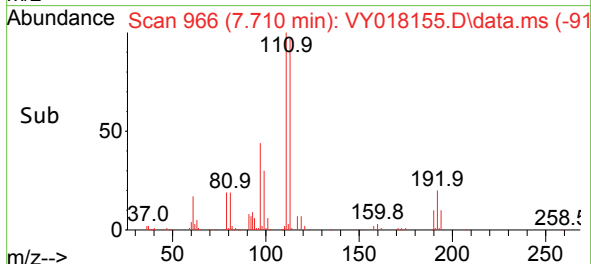
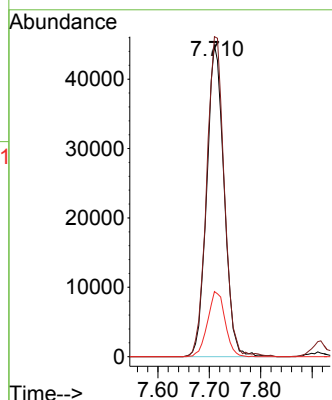
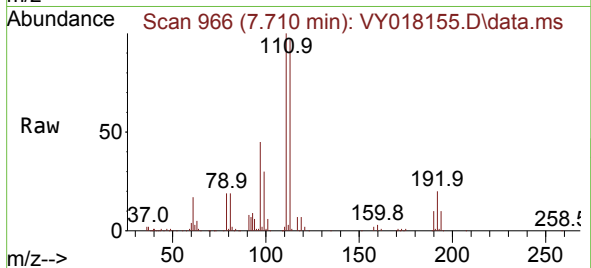
Tgt Ion:113 Resp: 105826

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 21.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.453 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

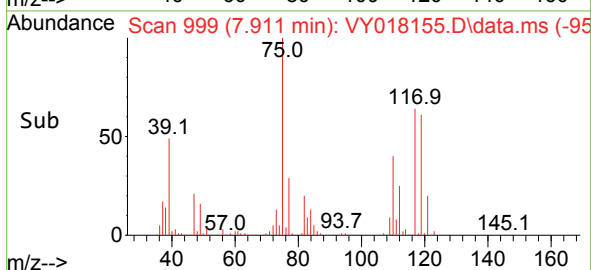
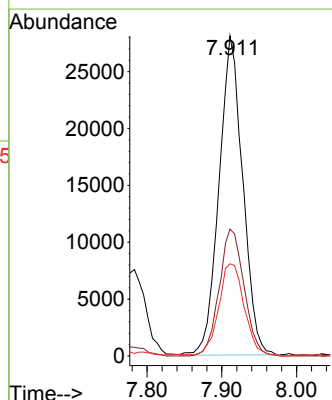
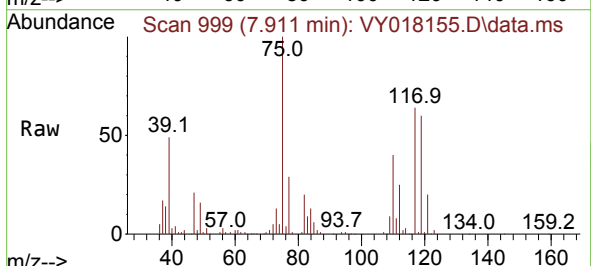
Tgt Ion: 75 Resp: 61944

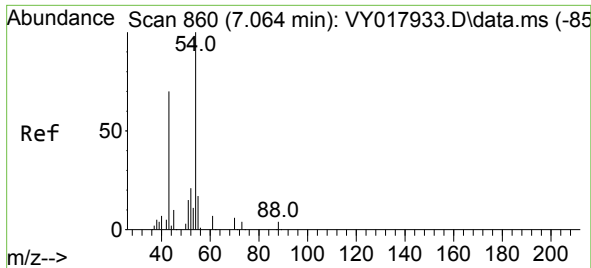
Ion Ratio Lower Upper

75 100

110 41.7 19.0 57.0

77 31.2 25.3 37.9

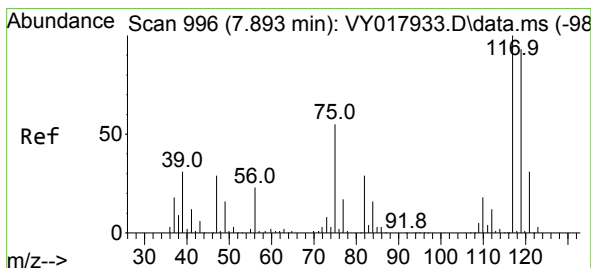
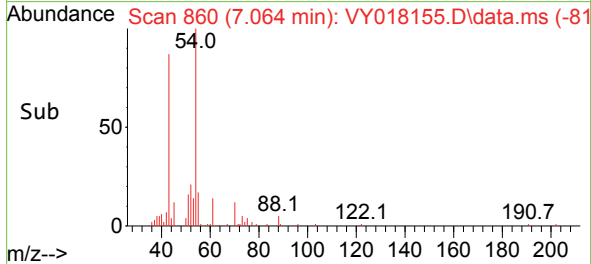
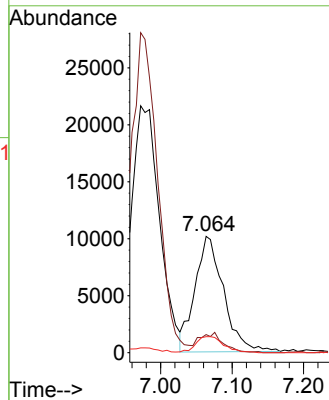
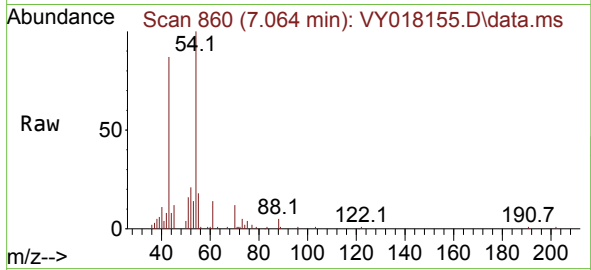




#37
Ethyl Acetate
Concen: 20.329 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

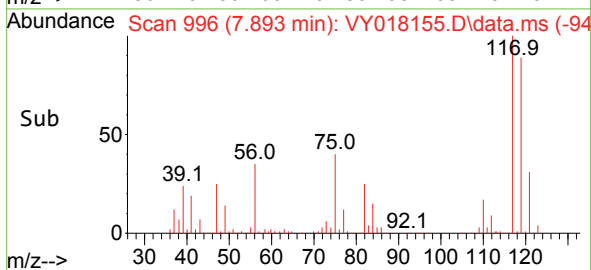
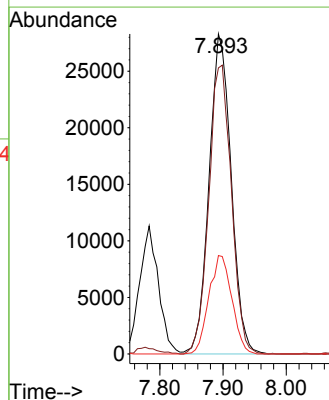
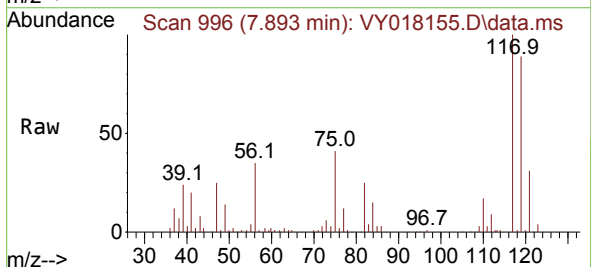
Instrument :
MSVOA_Y
ClientSampleId :

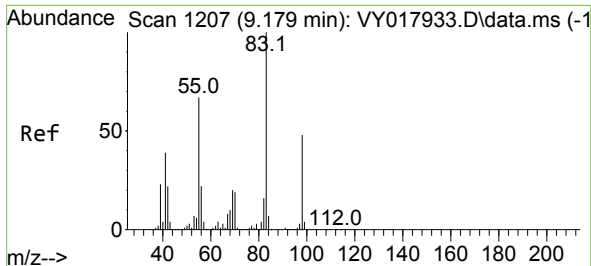
Tgt Ion: 43 Resp: 28170
Ion Ratio Lower Upper
43 100
61 14.4 12.6 19.0
70 13.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.039 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.012 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 117 Resp: 68810
Ion Ratio Lower Upper
117 100
119 89.4 75.8 113.6
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 18.934 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

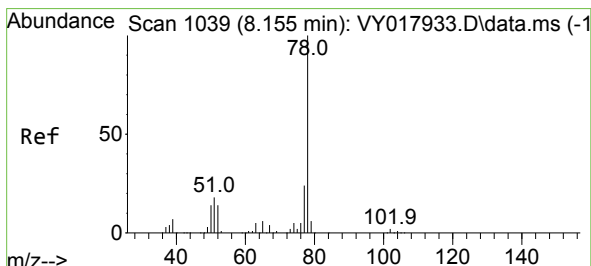
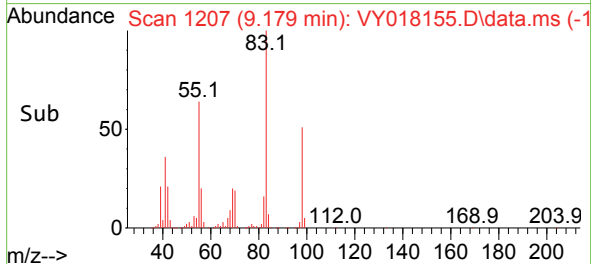
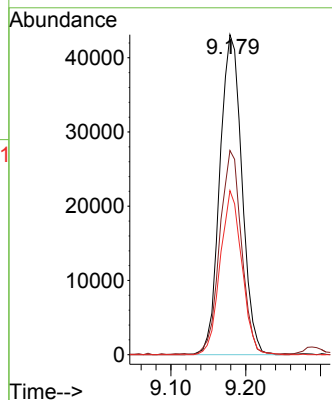
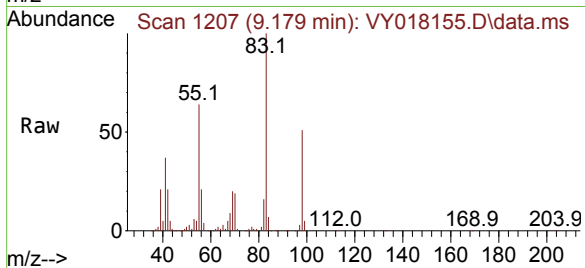
Tgt Ion: 83 Resp: 88556

Ion Ratio Lower Upper

83 100

55 63.6 51.5 77.3

98 51.3 40.5 60.7



#40

Benzene

Concen: 20.023 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY018155.D

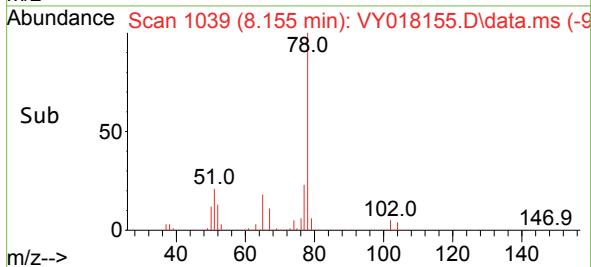
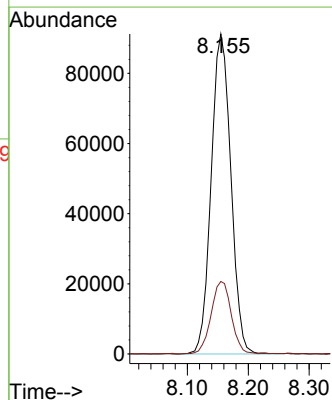
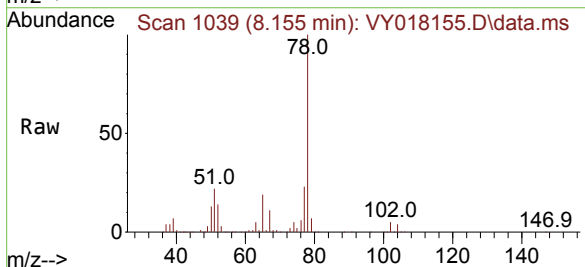
Acq: 06 May 2024 11:29

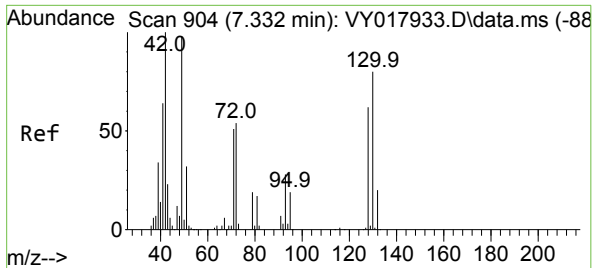
Tgt Ion: 78 Resp: 204872

Ion Ratio Lower Upper

78 100

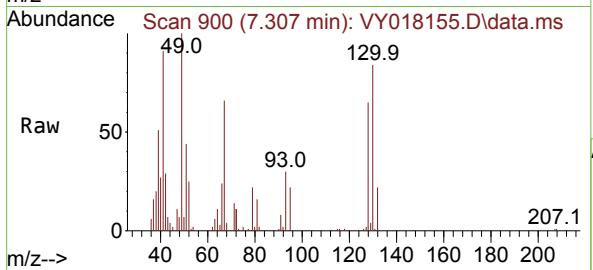
77 22.6 19.5 29.3



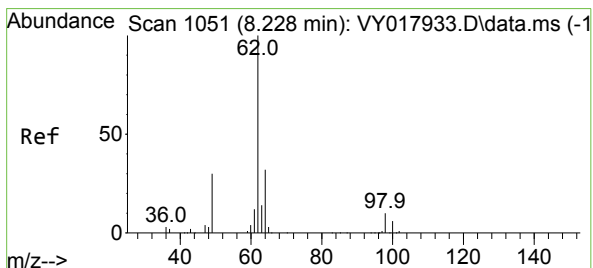
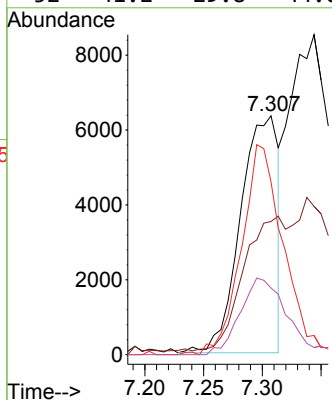
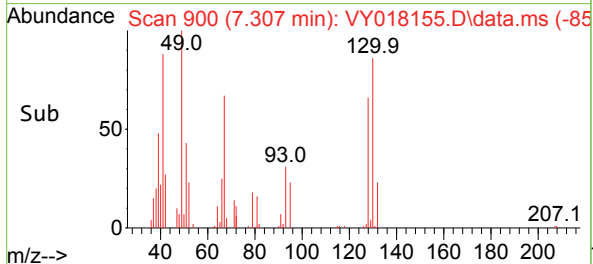


#41
Methacrylonitrile
Concen: 17.396 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.025 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

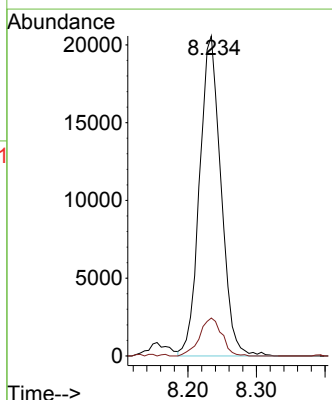
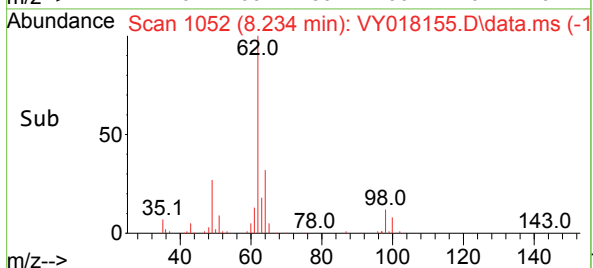
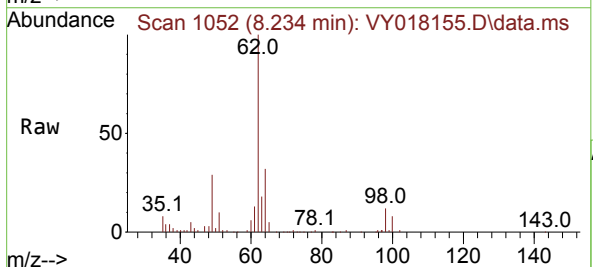


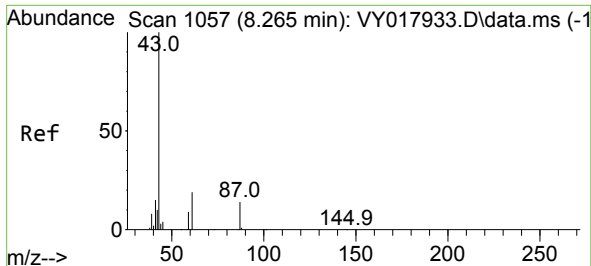
Tgt Ion:	41	Resp:	14216
Ion	Ratio	Lower	Upper
41	100		
39	62.5	48.0	72.0
67	98.8	75.1	112.7
52	41.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 18.861 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion:	62	Resp:	44709
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	22.0

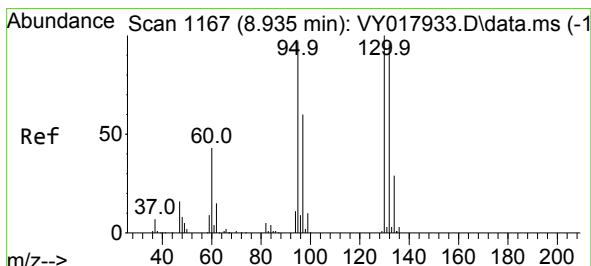
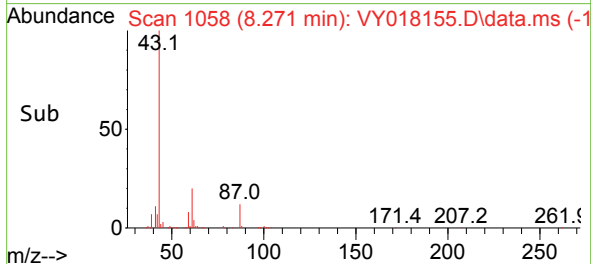
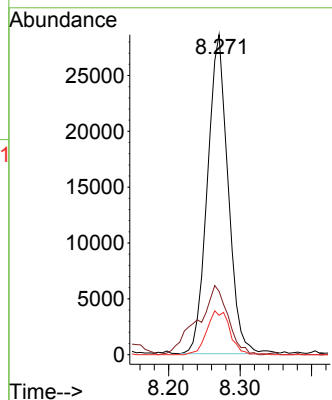
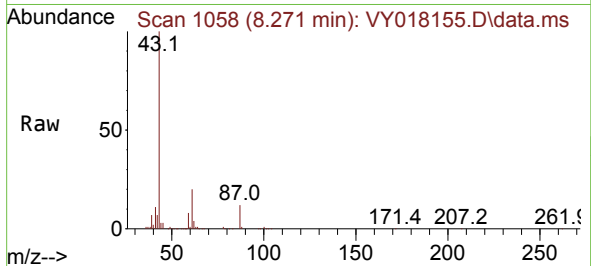




#43
Isopropyl Acetate
Concen: 19.668 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

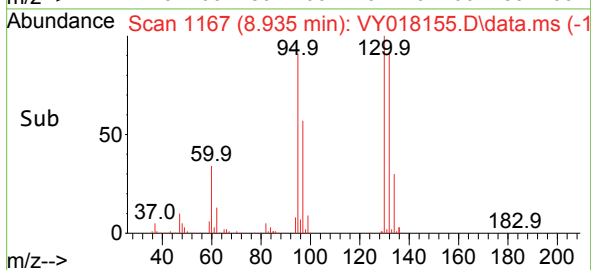
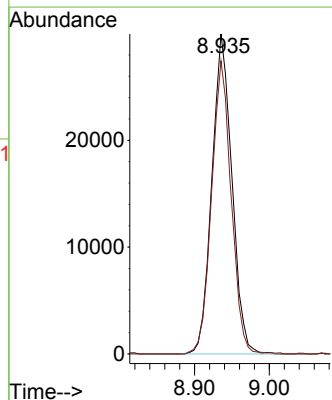
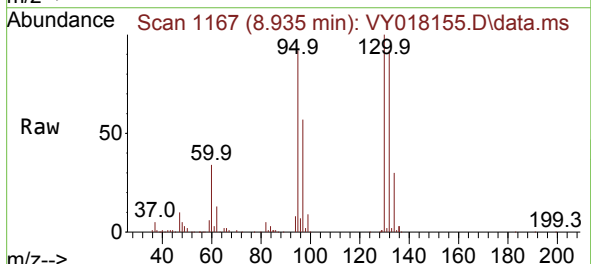
Instrument :
MSVOA_Y
ClientSampleId :

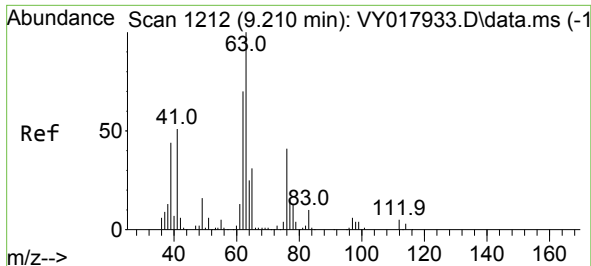
Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.7	27.9	41.9
87	15.4	13.1	19.7



#44
Trichloroethene
Concen: 19.226 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.118 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

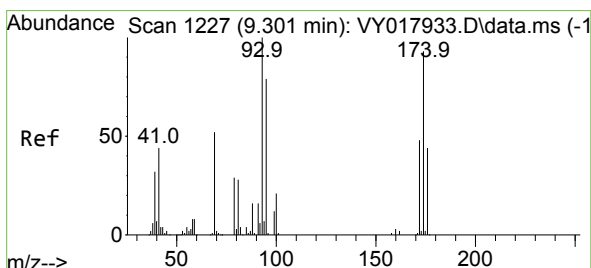
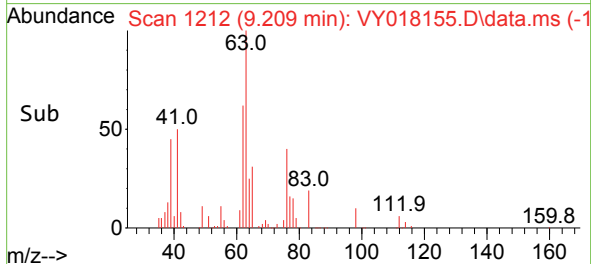
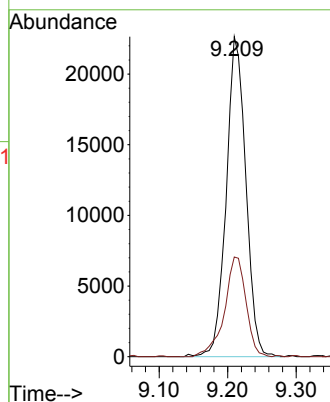
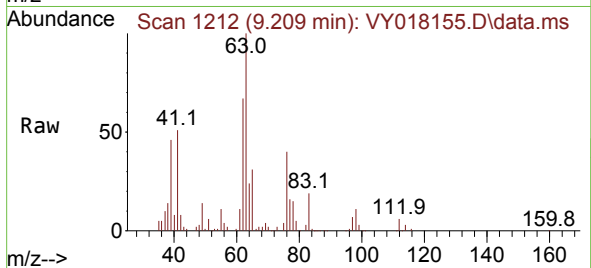
ClientSampleId :

Tgt Ion: 63 Resp: 44912

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 18.873 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

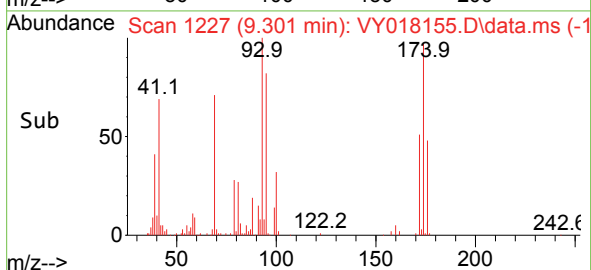
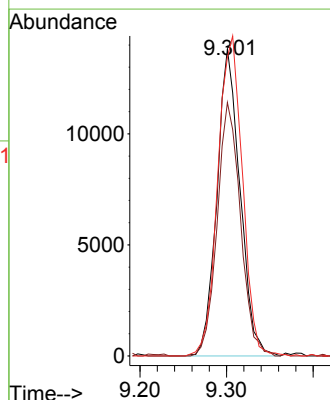
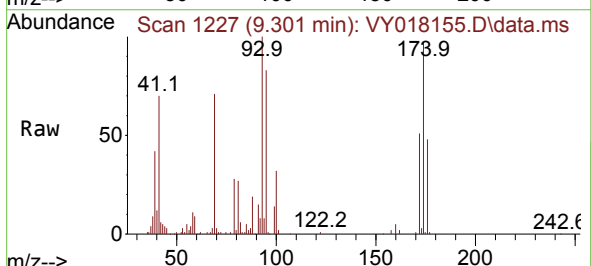
Tgt Ion: 93 Resp: 25617

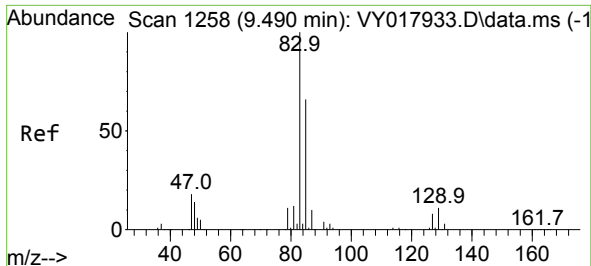
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 110.9 80.9 121.3

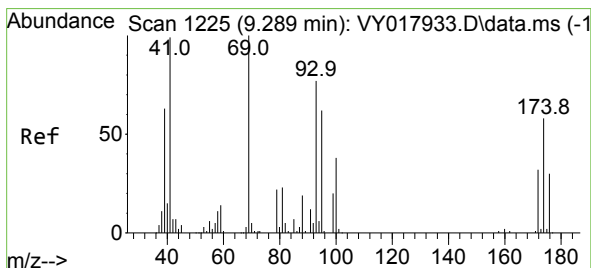
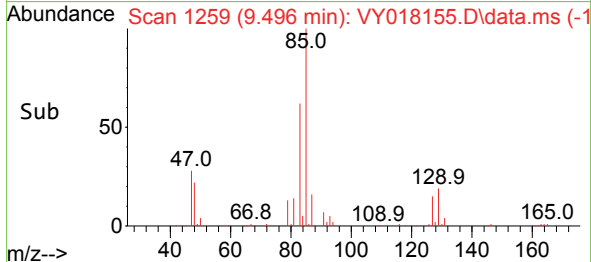
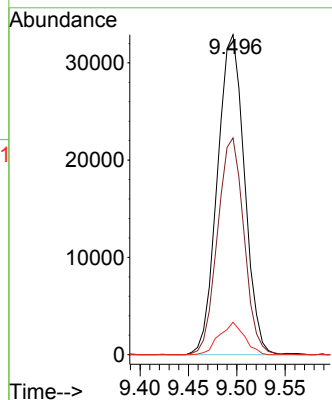
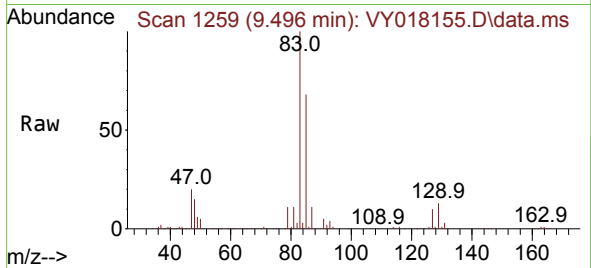




#47
Bromodichloromethane
Concen: 19.179 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

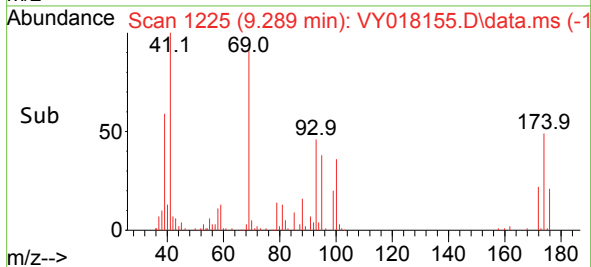
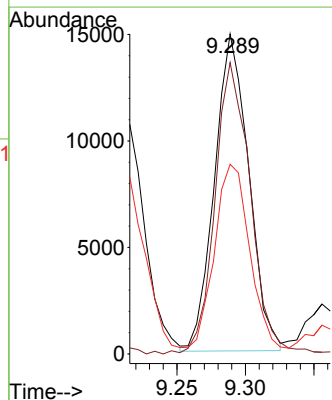
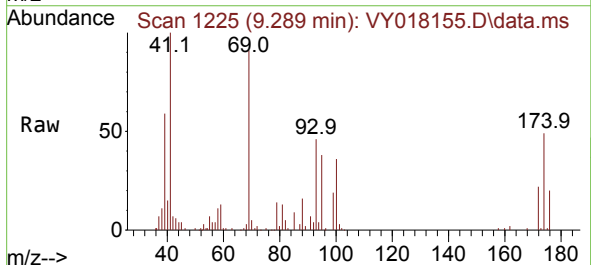
Instrument :
MSVOA_Y
ClientSampleId :

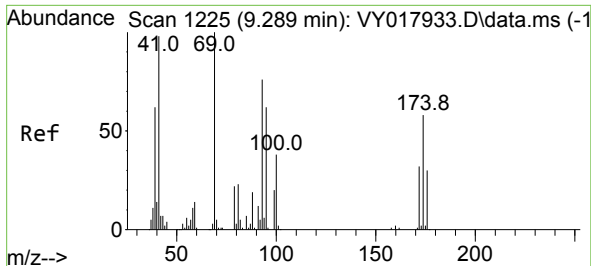
Tgt Ion: 83 Resp: 63908
Ion Ratio Lower Upper
83 100
85 67.8 50.1 75.1
127 10.2 7.4 11.0



#48
Methyl methacrylate
Concen: 19.394 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 41 Resp: 25845
Ion Ratio Lower Upper
41 100
69 94.9 84.1 126.1
39 59.2 43.6 65.4





#49

1,4-Dioxane

Concen: 445.259 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

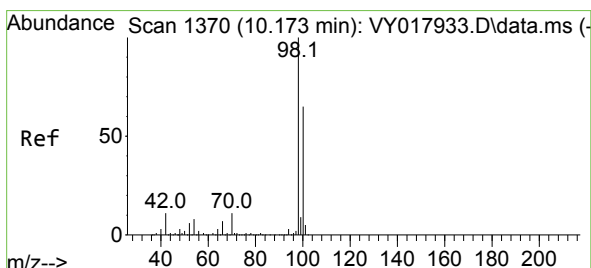
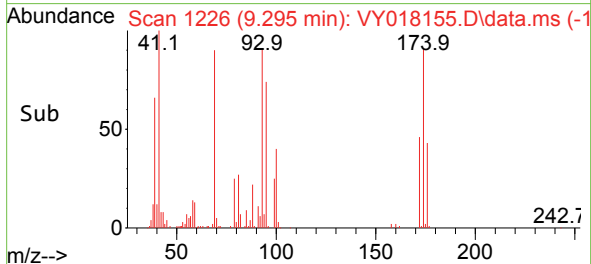
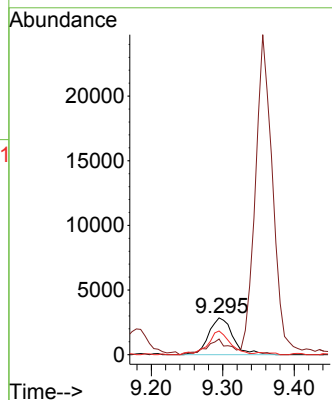
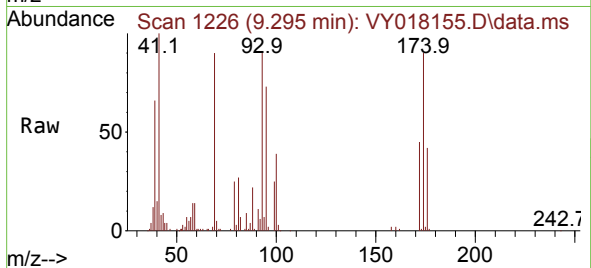
Tgt Ion: 88 Resp: 6705

Ion Ratio Lower Upper

88 100

43 37.9 0.0 0.0#

58 58.7 49.3 73.9



#50

Toluene-d8

Concen: 44.675 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018155.D

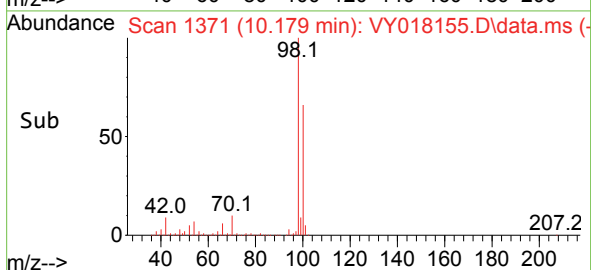
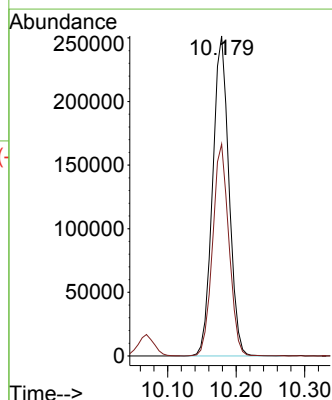
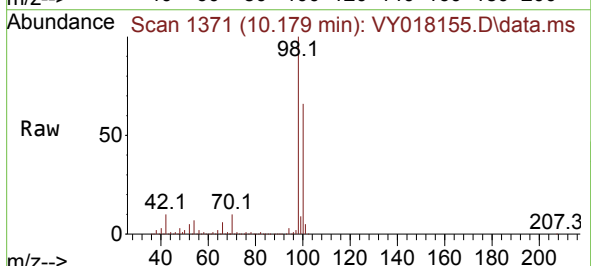
Acq: 06 May 2024 11:29

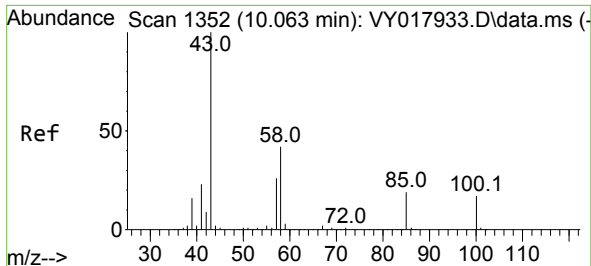
Tgt Ion: 98 Resp: 416045

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

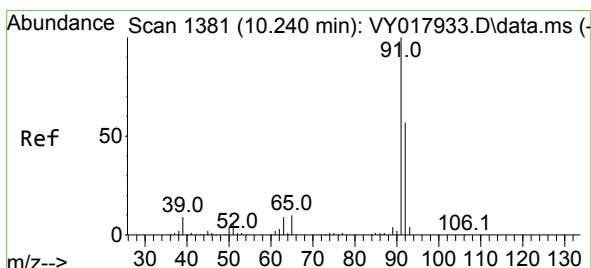
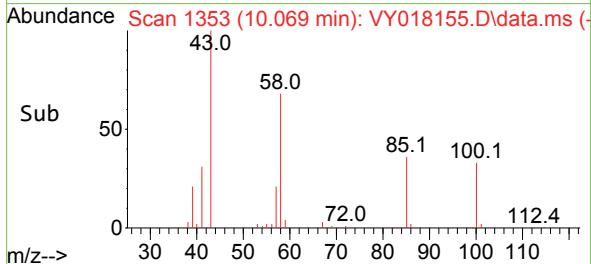
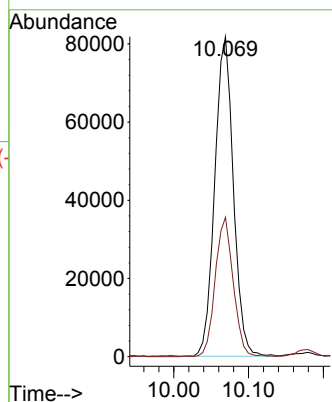
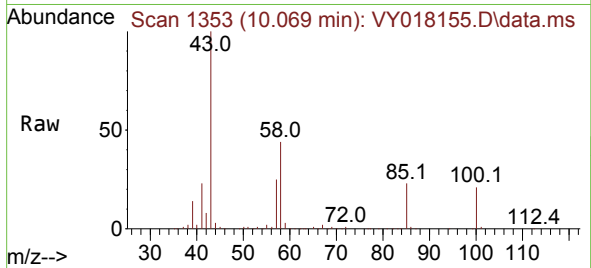




#51
4-Methyl-2-Pentanone
Concen: 99.606 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

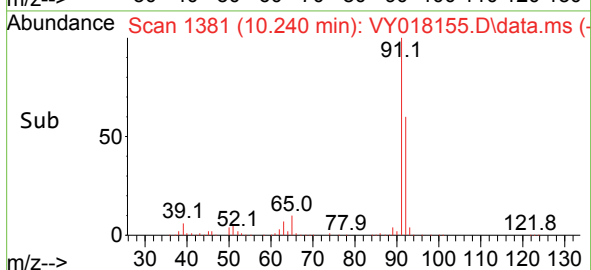
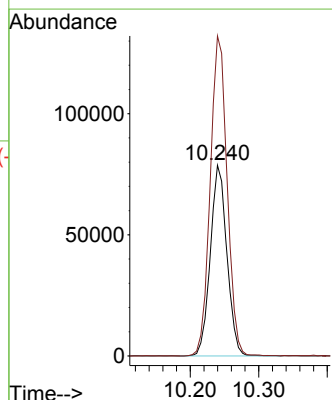
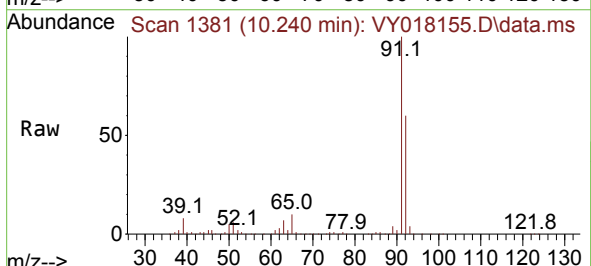
Instrument :
MSVOA_Y
ClientSampleId :

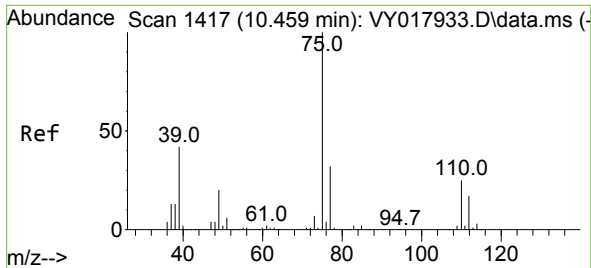
Tgt Ion: 43 Resp: 141626
Ion Ratio Lower Upper
43 100
58 42.4 35.7 53.5



#52
Toluene
Concen: 19.504 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 92 Resp: 132075
Ion Ratio Lower Upper
92 100
91 171.2 139.0 208.6

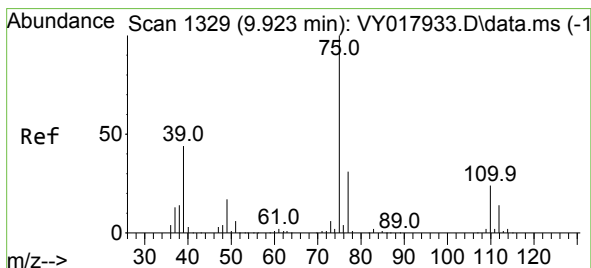
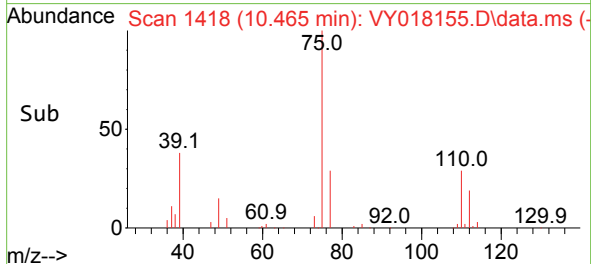
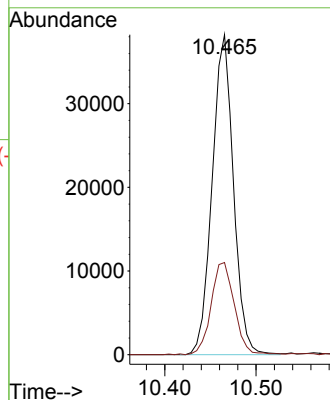
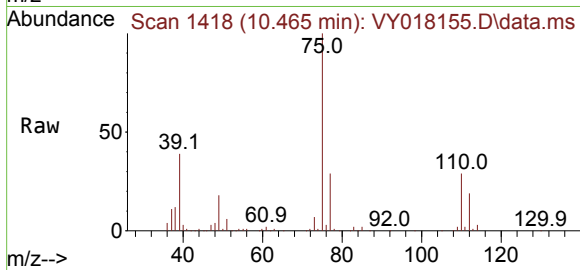




#53
 t-1,3-Dichloropropene
 Concen: 19.236 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

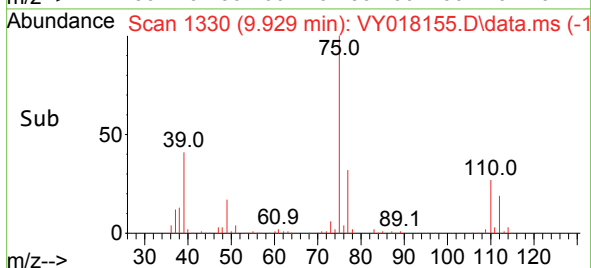
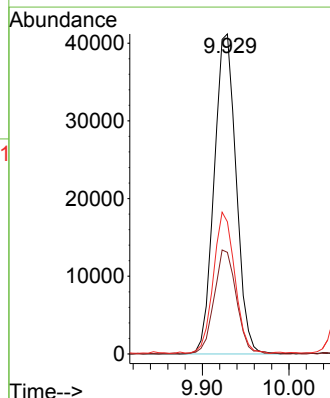
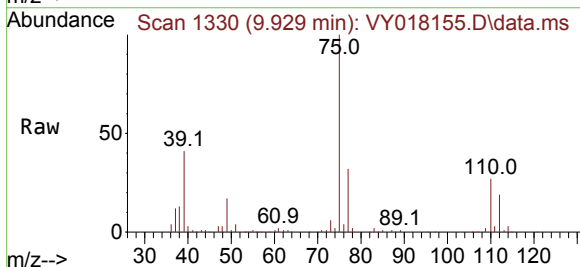
Instrument :
 MSVOA_Y
 ClientSampleId :

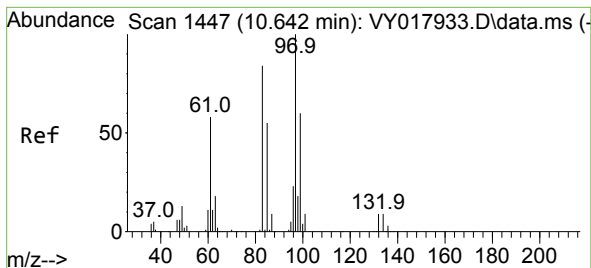
Tgt Ion: 75 Resp: 61934
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.199 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

Tgt Ion: 75 Resp: 72620
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 40.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.480 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 35562

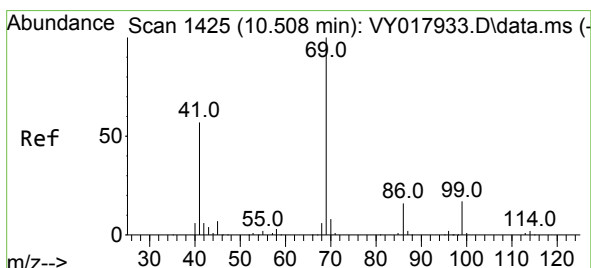
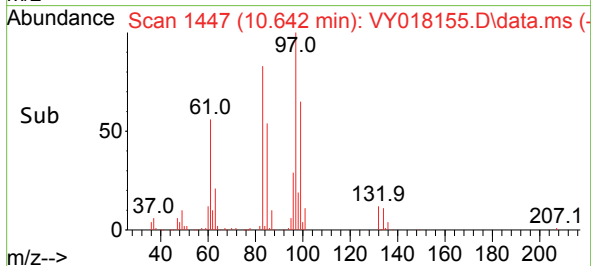
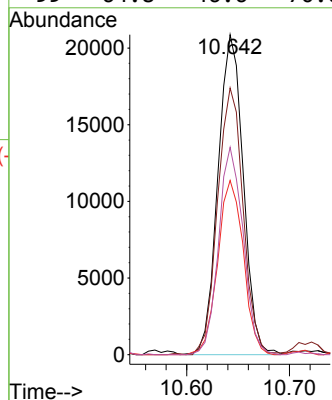
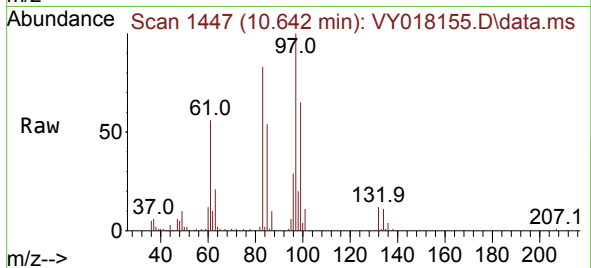
Ion Ratio Lower Upper

97 100

83 83.1 67.5 101.3

85 54.5 42.9 64.3

99 64.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.749 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

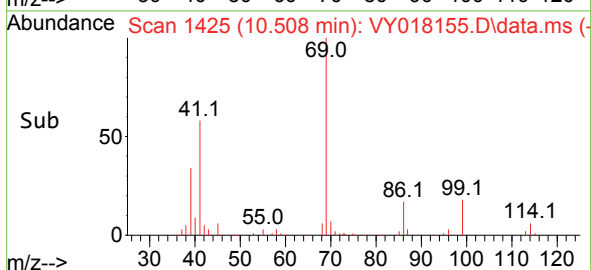
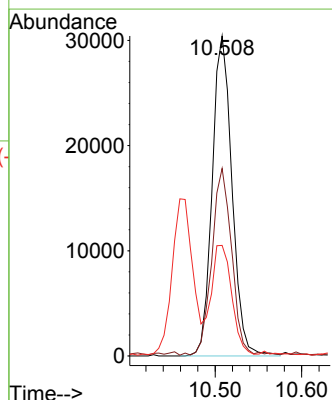
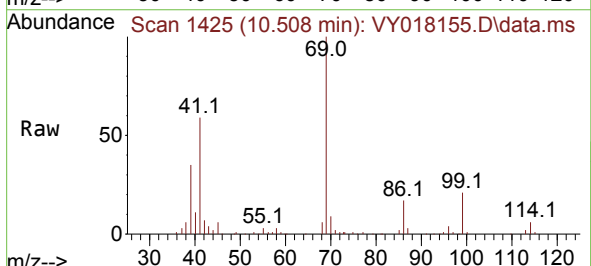
Tgt Ion: 69 Resp: 48394

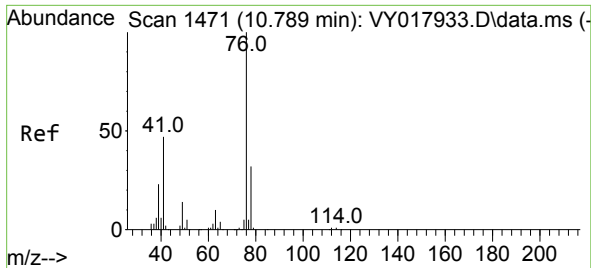
Ion Ratio Lower Upper

69 100

41 58.2 42.3 63.5

39 36.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.948 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

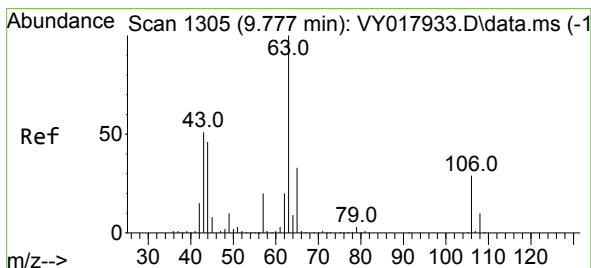
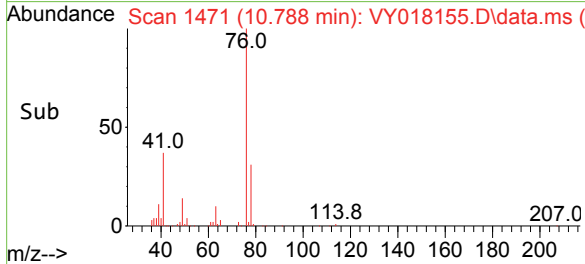
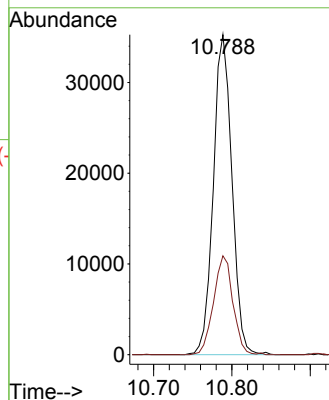
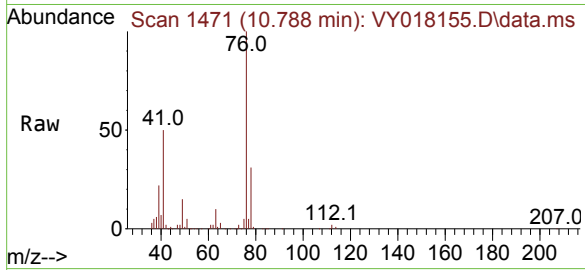
ClientSampleId :

Tgt Ion: 76 Resp: 58178

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.282 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018155.D

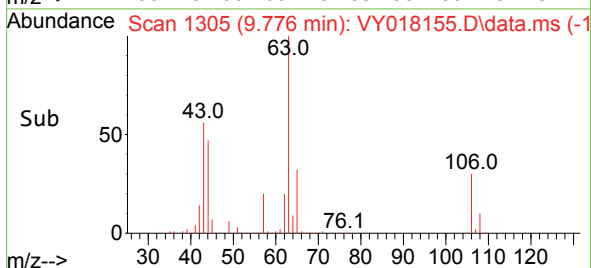
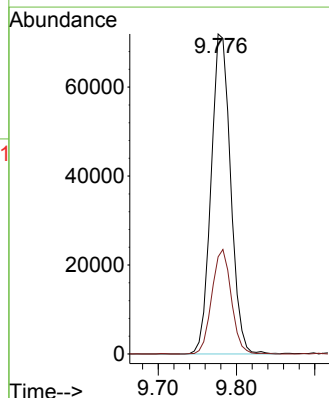
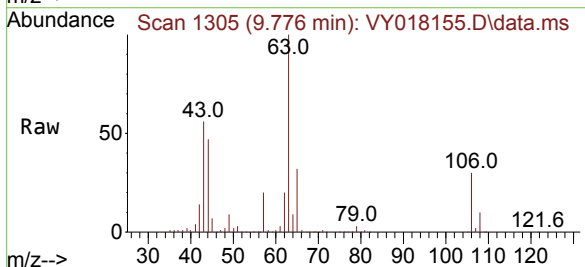
Acq: 06 May 2024 11:29

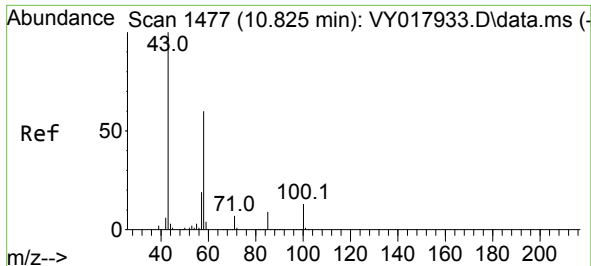
Tgt Ion: 63 Resp: 124442

Ion Ratio Lower Upper

63 100

106 32.5 23.7 35.5

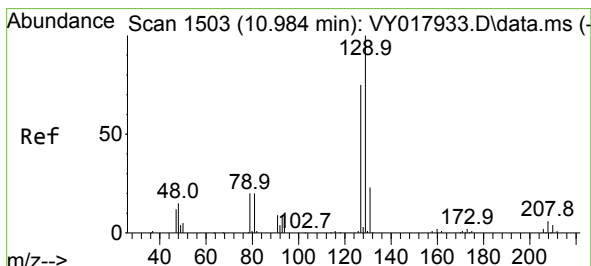
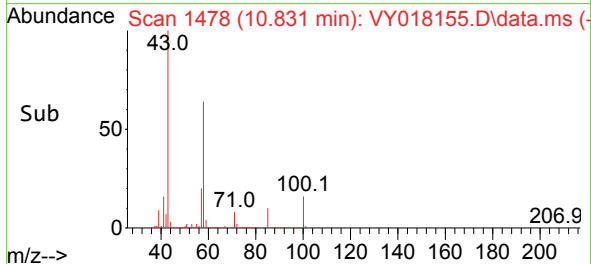
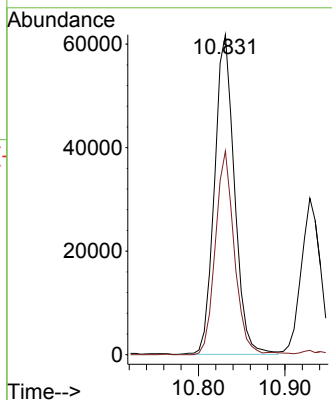
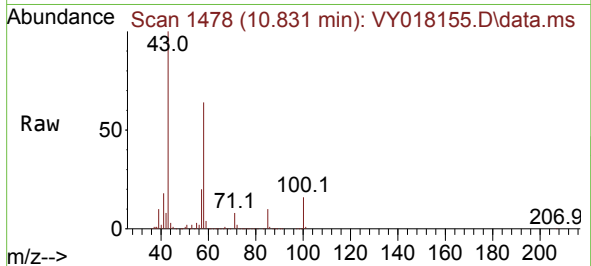




#59
2-Hexanone
Concen: 97.349 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

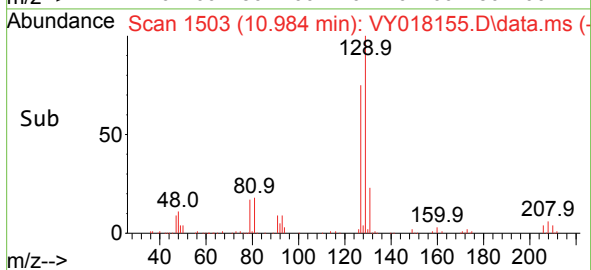
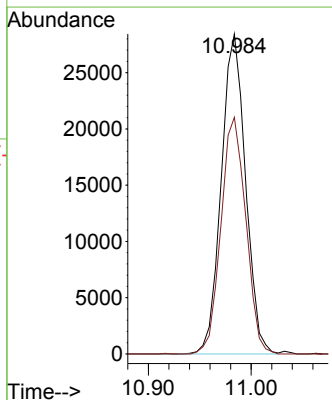
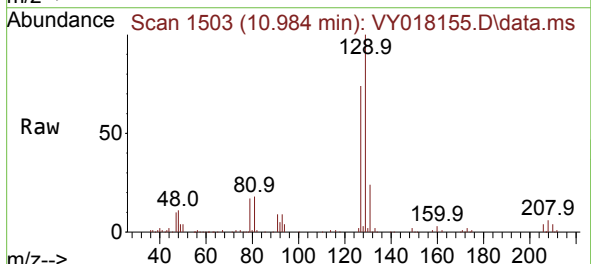
Instrument :
MSVOA_Y
ClientSampleId :

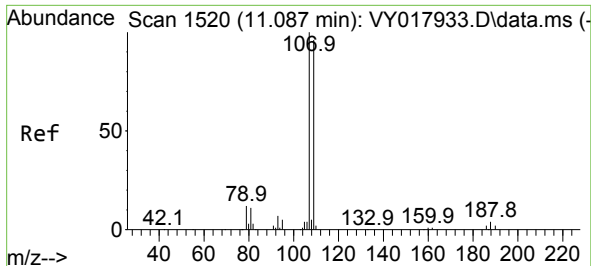
Tgt Ion: 43 Resp: 98792
Ion Ratio Lower Upper
43 100
58 61.1 31.4 94.0



#60
Dibromochloromethane
Concen: 18.794 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 129 Resp: 46601
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

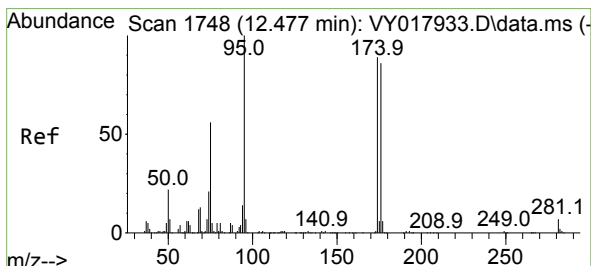
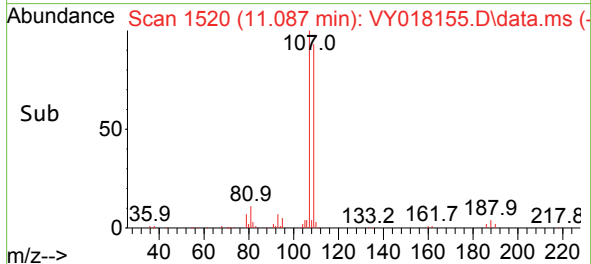
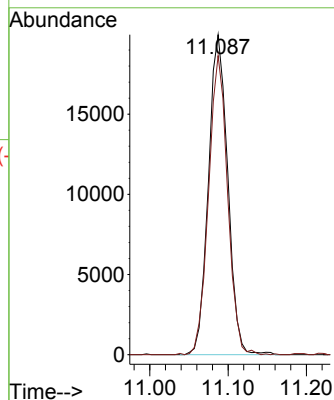
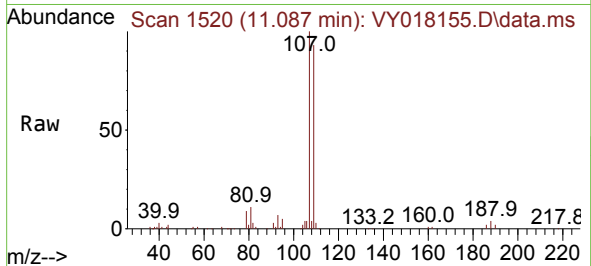




#61
1,2-Dibromoethane
Concen: 19.514 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

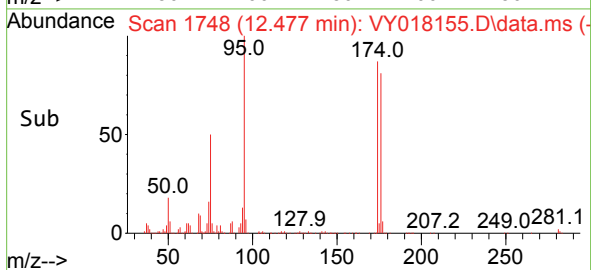
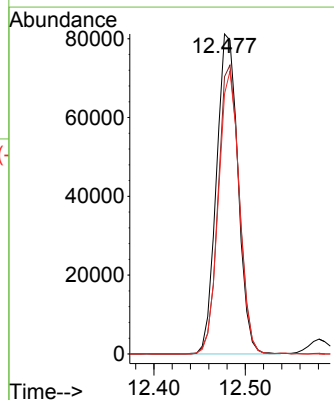
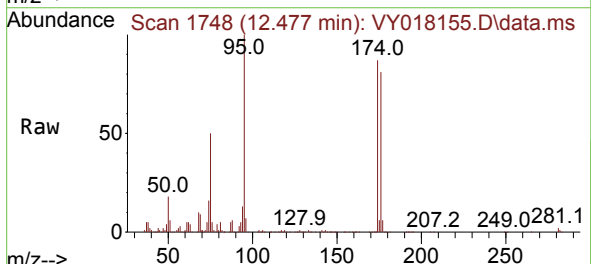
Instrument :
MSVOA_Y
ClientSampleId :

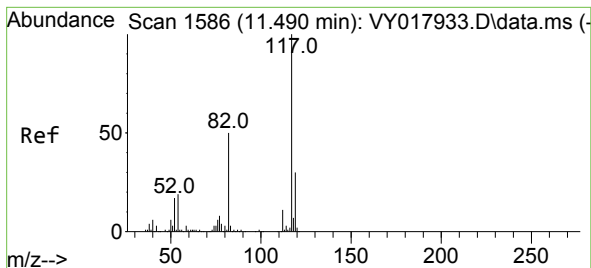
Tgt Ion:107 Resp: 34137
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 41.515 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 95 Resp: 133051
Ion Ratio Lower Upper
95 100
174 88.3 0.0 175.6
176 85.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

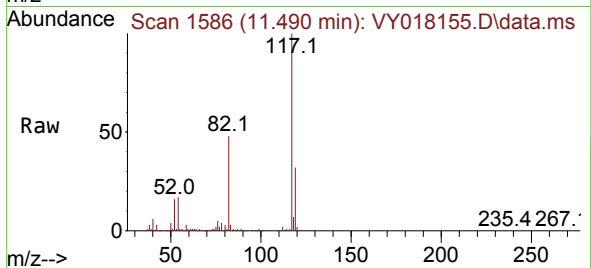
Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :



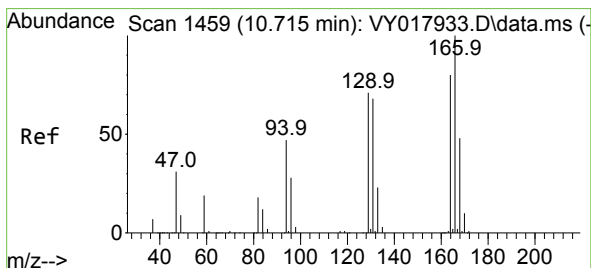
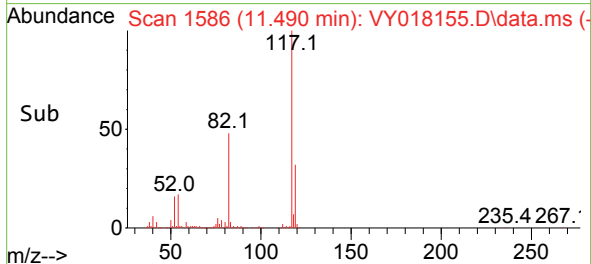
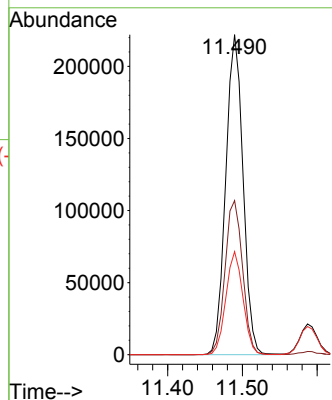
Tgt Ion:117 Resp: 357486

Ion Ratio Lower Upper

117 100

82 48.1 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 18.932 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Tgt Ion:164 Resp: 48992

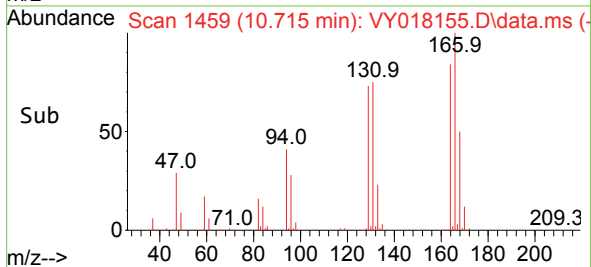
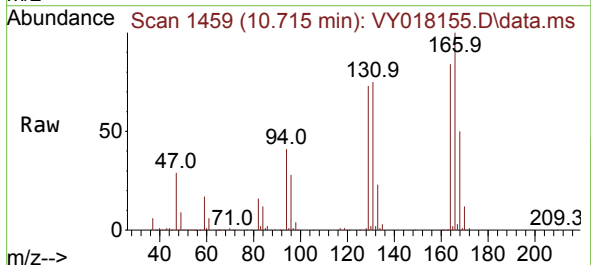
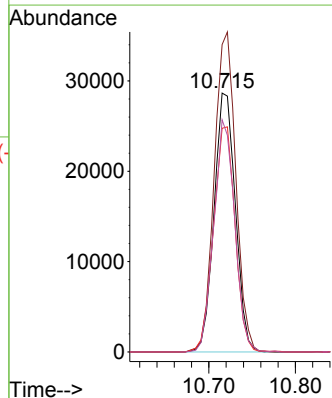
Ion Ratio Lower Upper

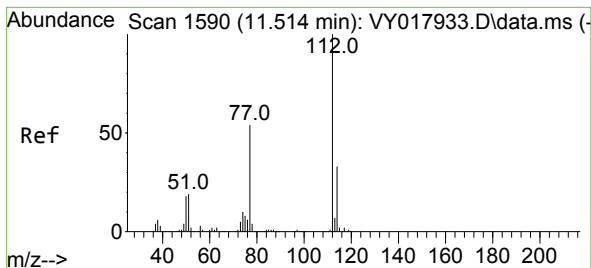
164 100

166 118.7 102.6 154.0

129 86.4 72.0 108.0

131 89.6 70.0 105.0





#65

Chlorobenzene

Concen: 19.510 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

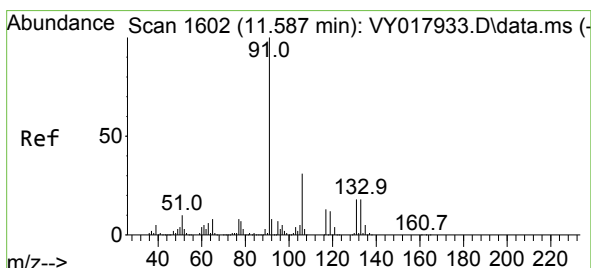
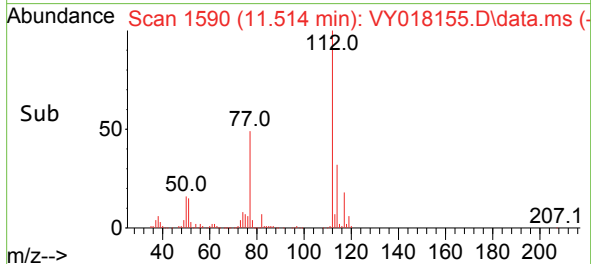
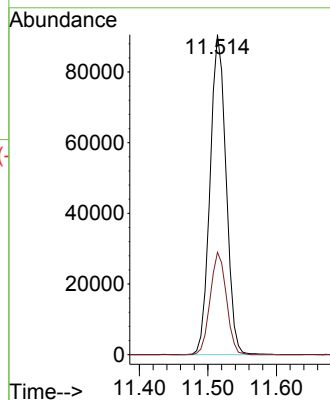
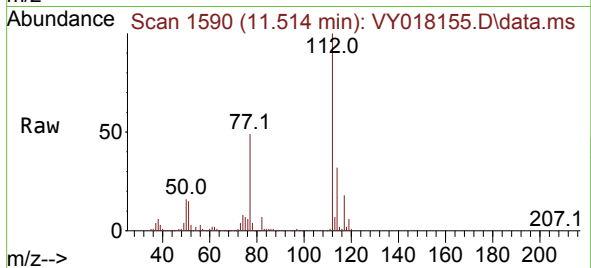
ClientSampleId :

Tgt Ion:112 Resp: 147211

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.782 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

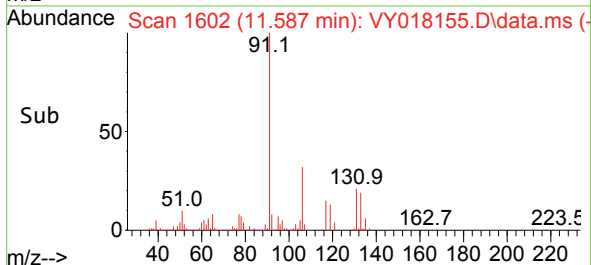
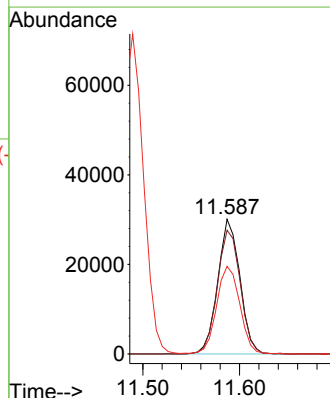
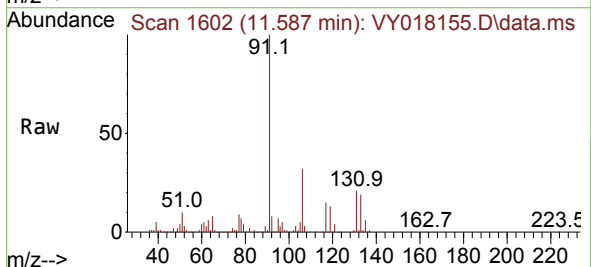
Tgt Ion:131 Resp: 47672

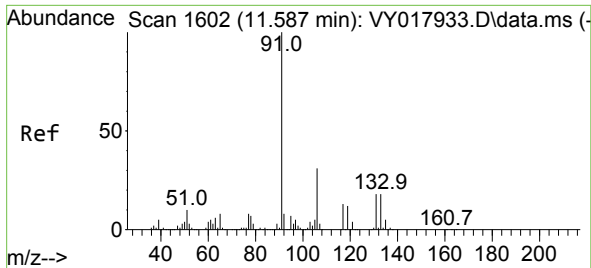
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 68.5 34.1 102.2

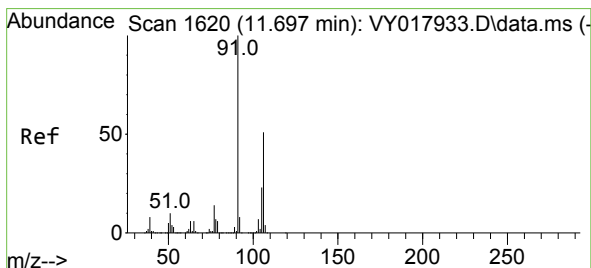
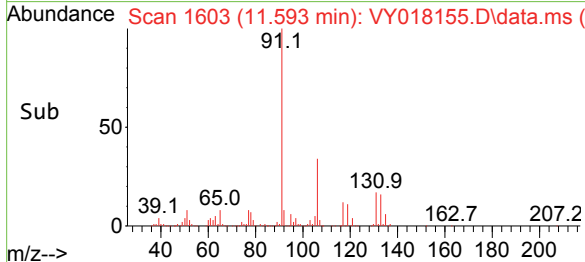
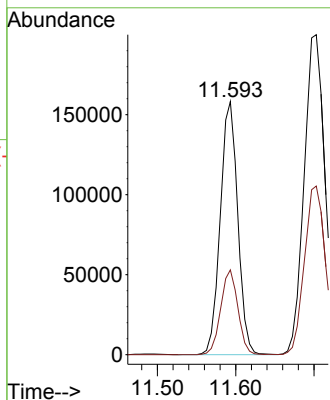
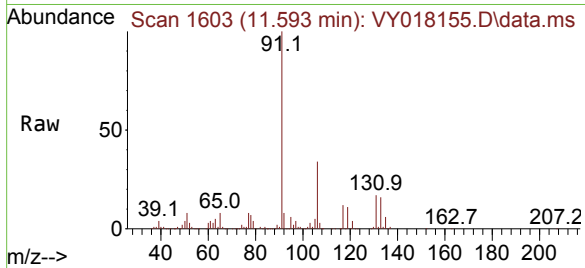




#67
Ethyl Benzene
Concen: 19.416 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

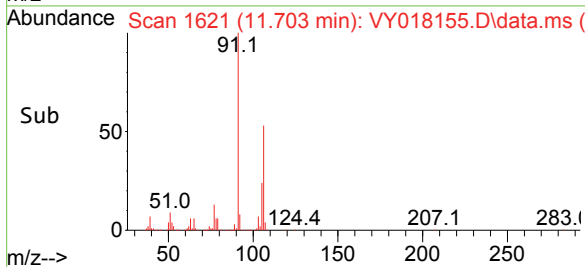
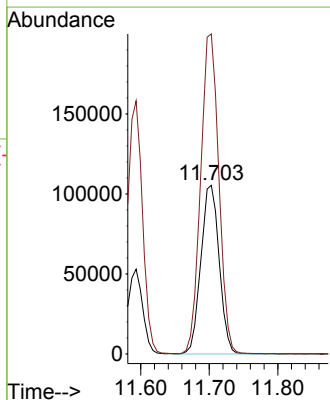
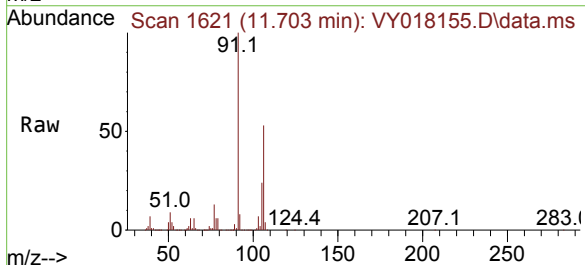
Instrument :
MSVOA_Y
ClientSampleId :

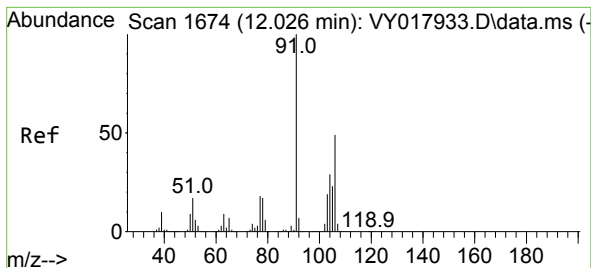
Tgt Ion: 91 Resp: 245679
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 38.697 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion:106 Resp: 196202
Ion Ratio Lower Upper
106 100
91 188.4 156.0 234.0





#69

o-Xylene

Concen: 19.139 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

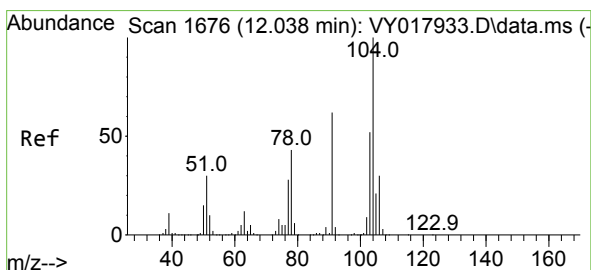
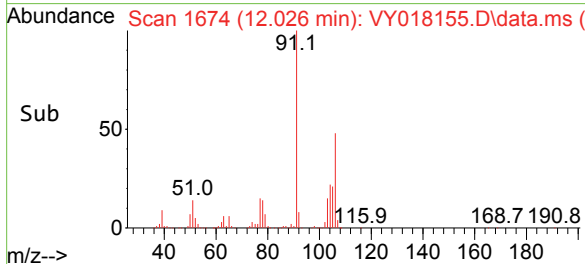
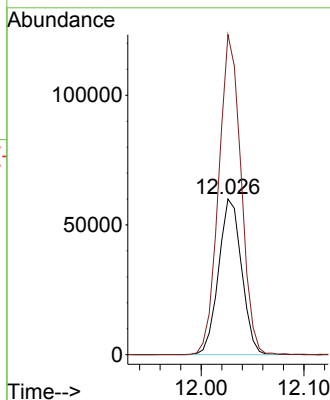
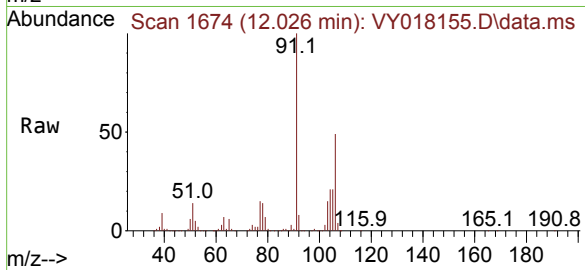
ClientSampleId :

Tgt Ion:106 Resp: 93223

Ion Ratio Lower Upper

106 100

91 199.6 103.6 310.8



#70

Styrene

Concen: 19.457 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

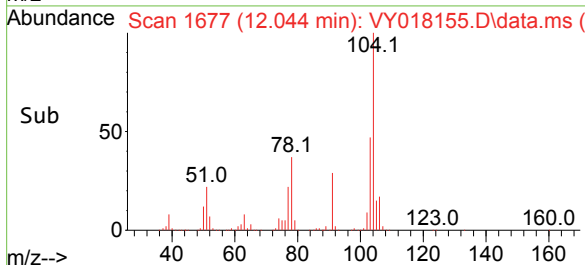
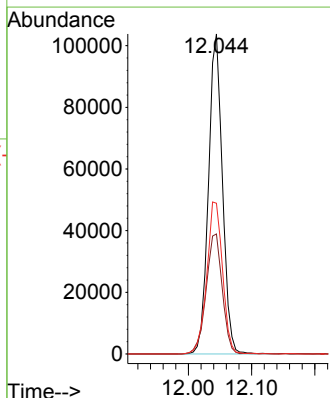
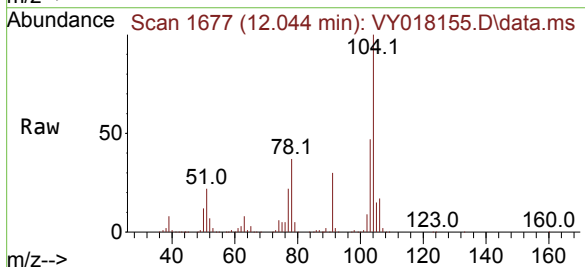
Tgt Ion:104 Resp: 159503

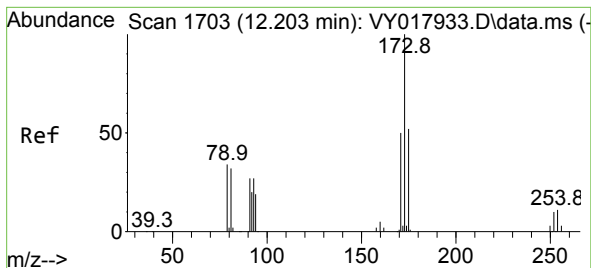
Ion Ratio Lower Upper

104 100

78 43.3 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 18.424 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

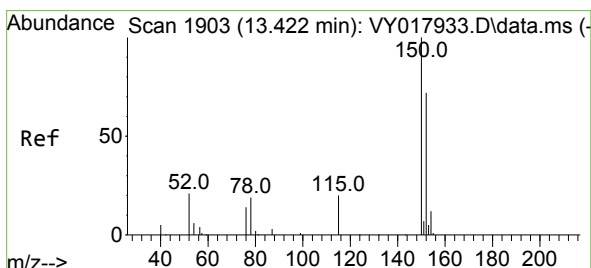
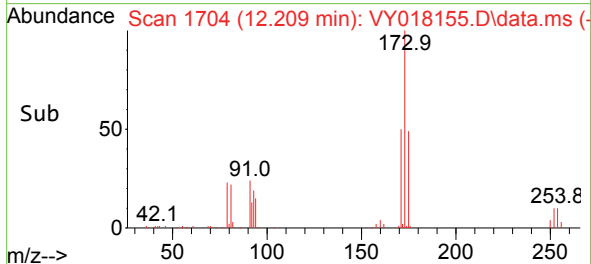
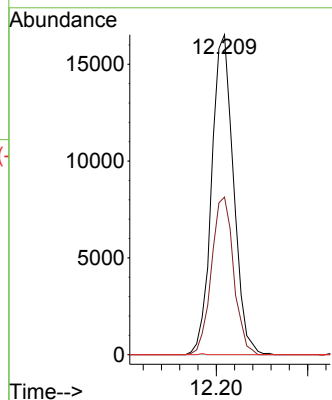
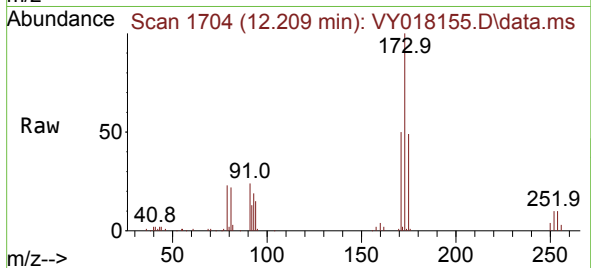
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 27404

Ion	Ratio	Lower	Upper
173	100		
175	50.0	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

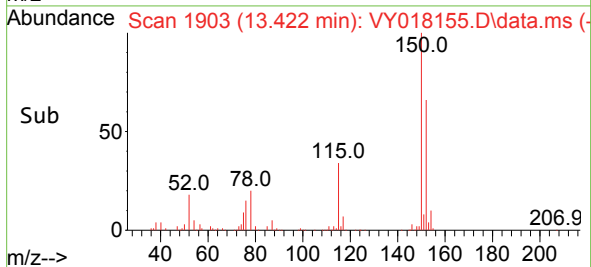
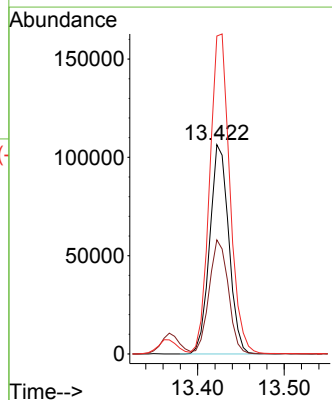
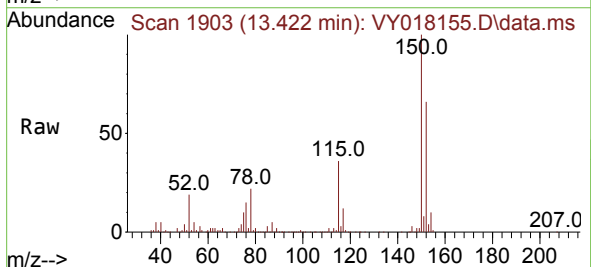
Delta R.T. -0.006 min

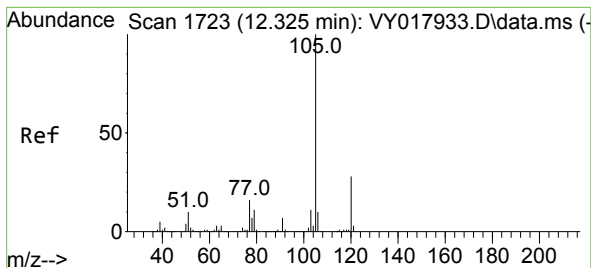
Lab File: VY018155.D

Acq: 06 May 2024 11:29

Tgt Ion:152 Resp: 162907

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	161.1	0.0	345.6





#73

Isopropylbenzene

Concen: 19.620 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

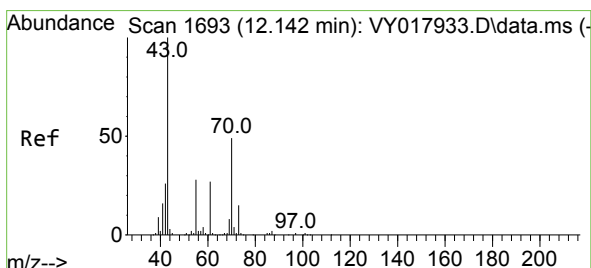
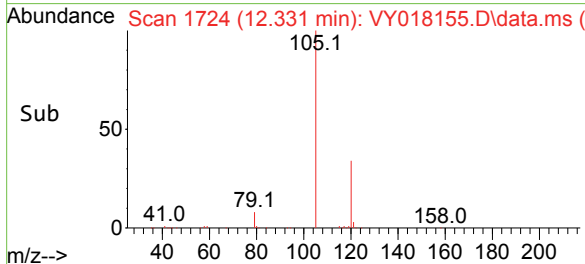
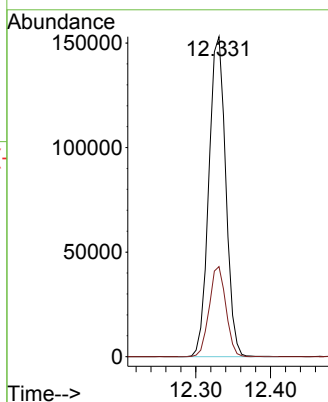
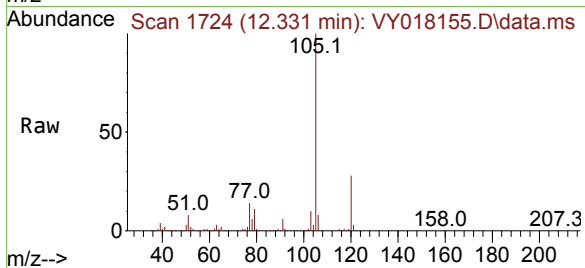
ClientSampleId :

Tgt Ion:105 Resp: 240554

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 19.240 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Tgt Ion: 43 Resp: 51776

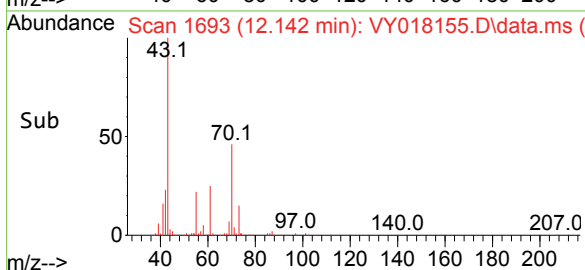
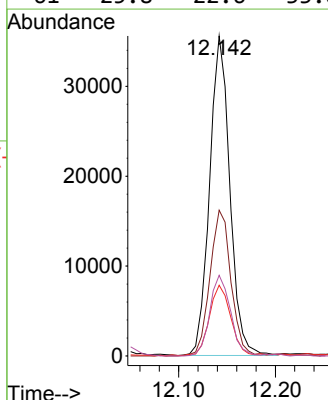
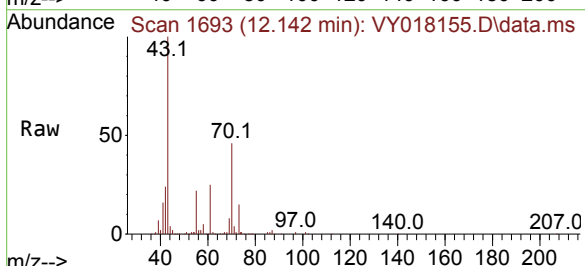
Ion Ratio Lower Upper

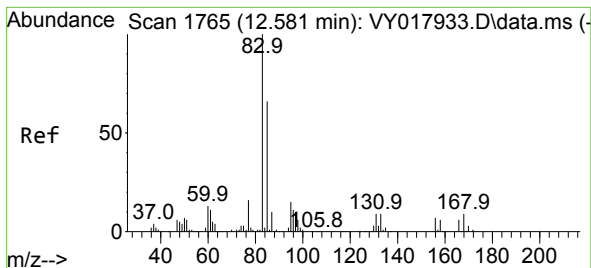
43 100

70 47.5 41.4 62.2

55 23.9 23.3 34.9

61 25.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.267 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

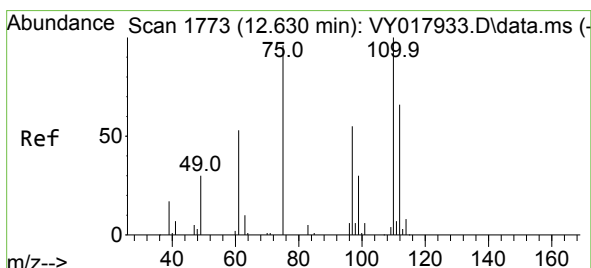
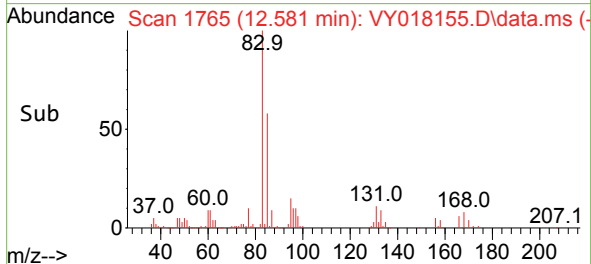
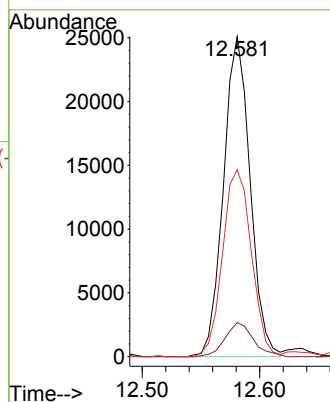
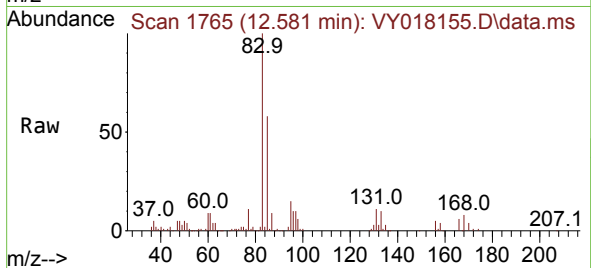
Tgt Ion: 83 Resp: 39540

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 63.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.761 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY018155.D

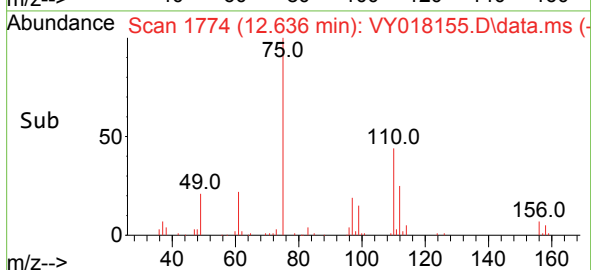
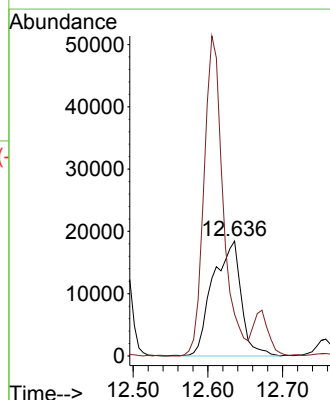
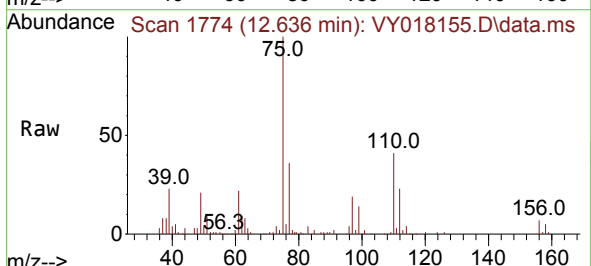
Acq: 06 May 2024 11:29

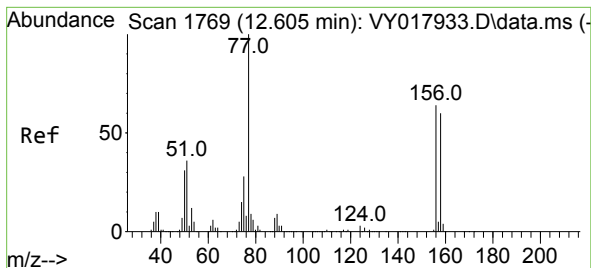
Tgt Ion: 75 Resp: 48893

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.569 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY018155.D

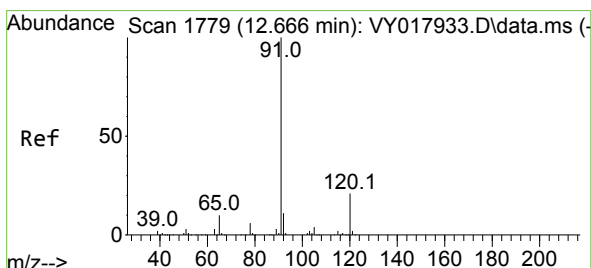
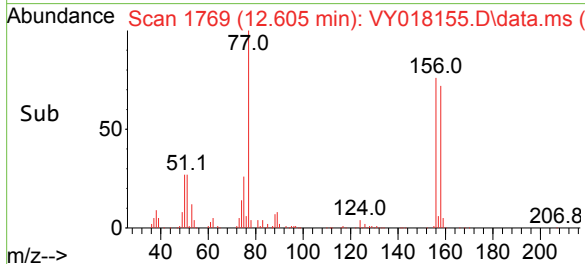
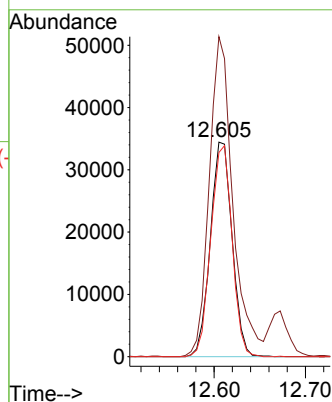
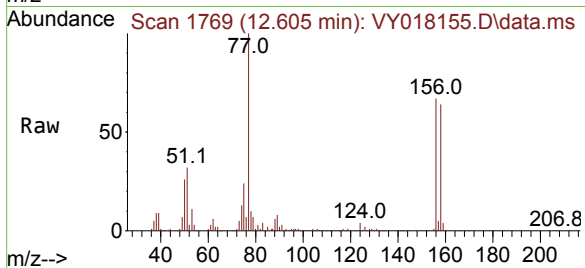
Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	57010
Ion Ratio	Lower	Upper	
156	100		
77	161.4	87.1	261.3
158	96.0	48.6	145.9



#78

n-propylbenzene

Concen: 19.929 ug/l

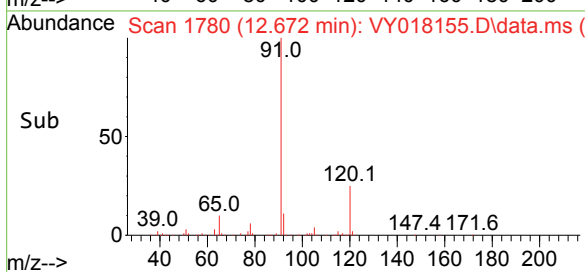
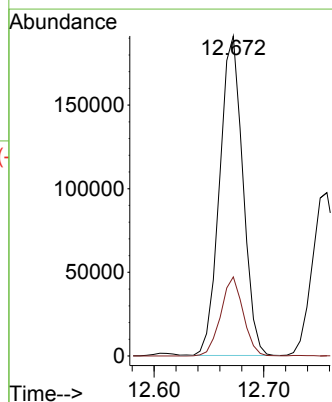
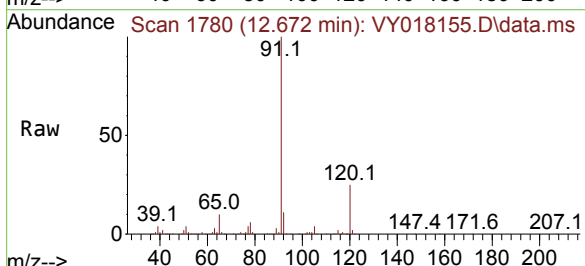
RT: 12.672 min Scan# 1780

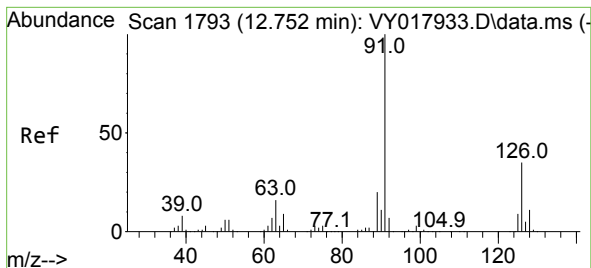
Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Tgt Ion:	91	Resp:	281378
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.380 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

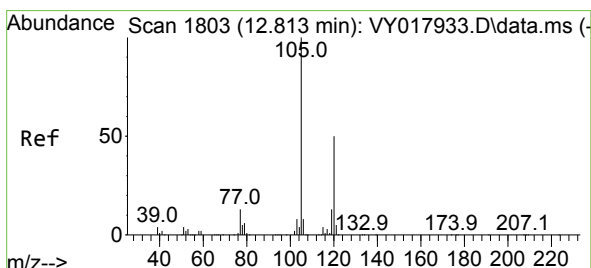
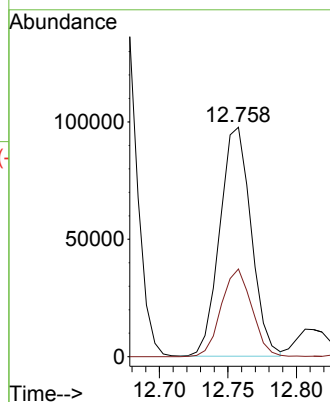
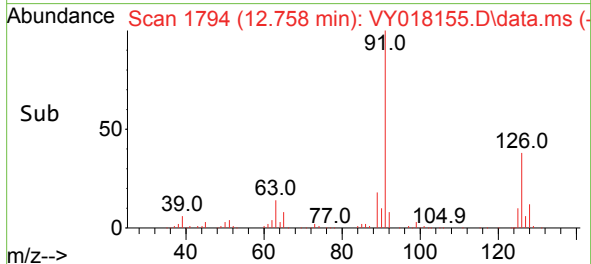
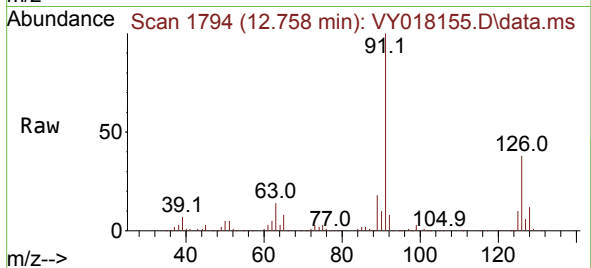
ClientSampleId :

Tgt Ion: 91 Resp: 155405

Ion Ratio Lower Upper

91 100

126 37.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.454 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY018155.D

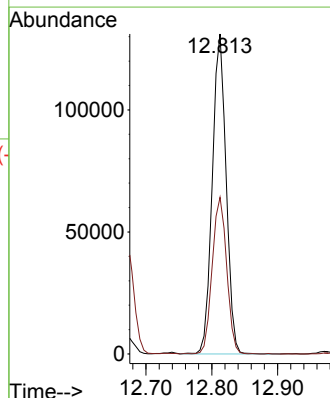
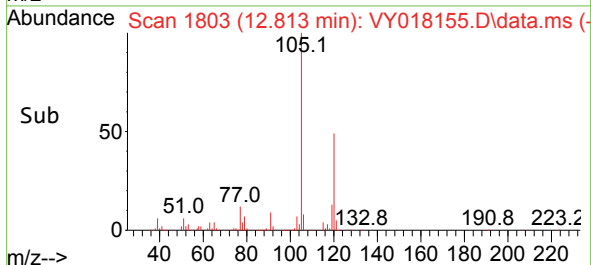
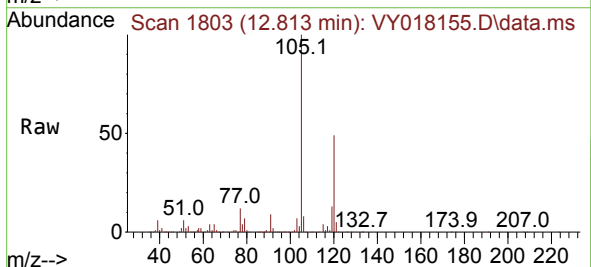
Acq: 06 May 2024 11:29

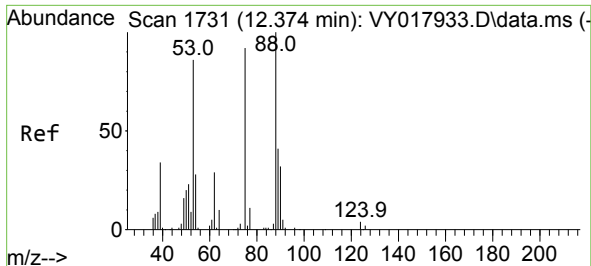
Tgt Ion:105 Resp: 192240

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

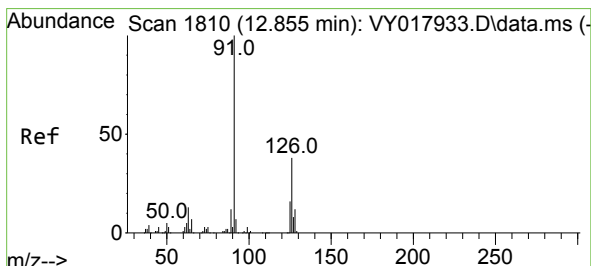
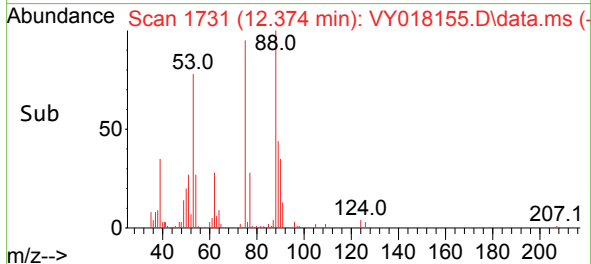
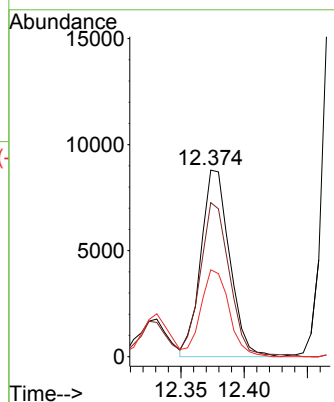
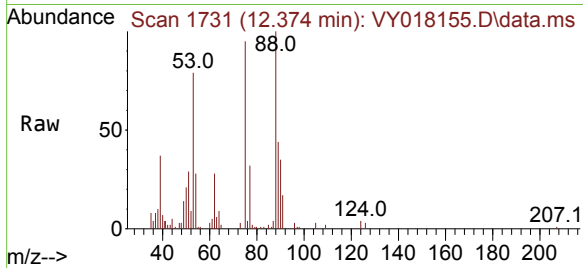




#81
trans-1,4-Dichloro-2-butene
Concen: 18.611 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

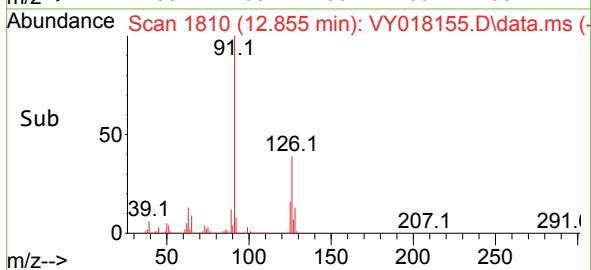
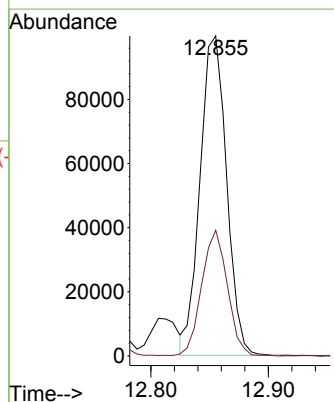
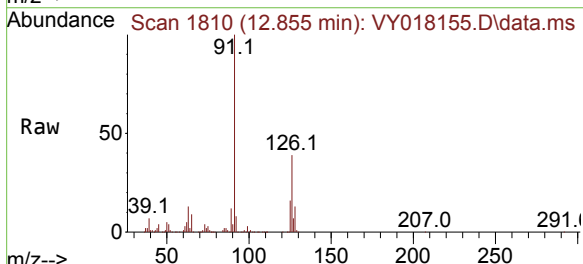
Instrument :
MSVOA_Y
ClientSampleId :

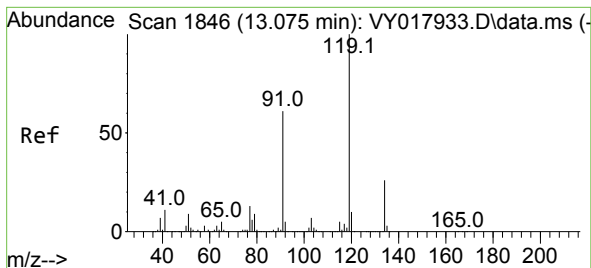
Tgt Ion: 75 Resp: 13967
Ion Ratio Lower Upper
75 100
53 83.9 66.8 100.2
89 45.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.028 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018155.D
Acq: 06 May 2024 11:29

Tgt Ion: 91 Resp: 156348
Ion Ratio Lower Upper
91 100
126 38.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.796 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

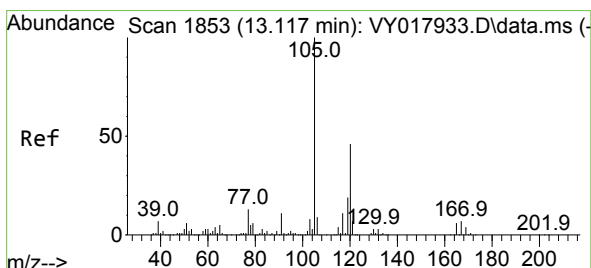
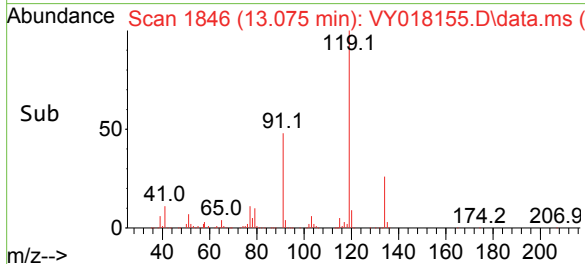
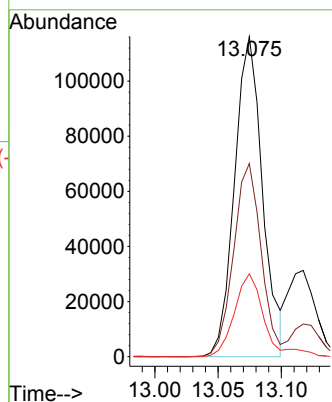
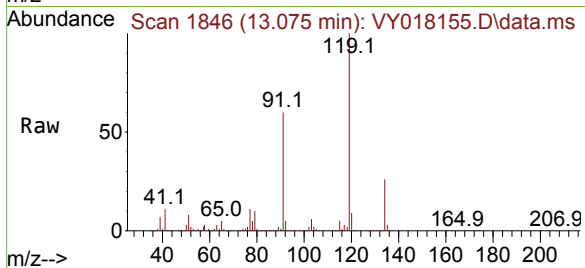
Tgt Ion:119 Resp: 179096

Ion Ratio Lower Upper

119 100

91 59.5 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.189 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018155.D

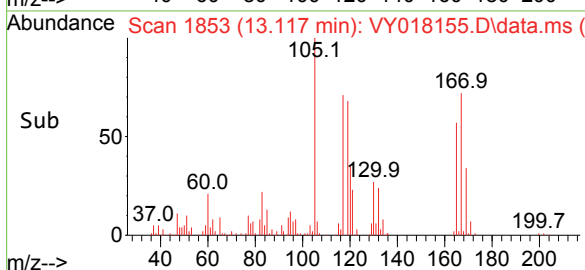
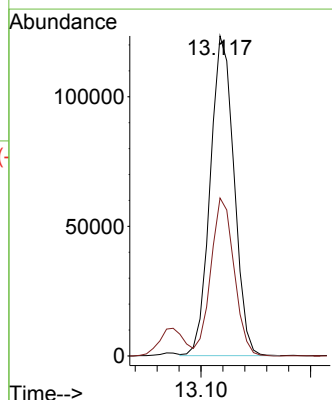
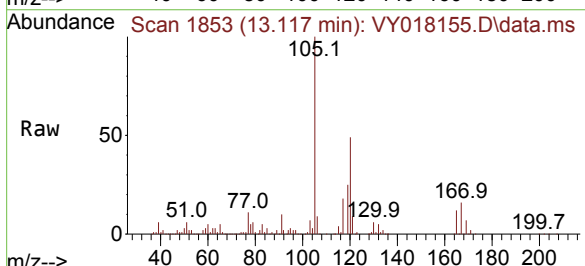
Acq: 06 May 2024 11:29

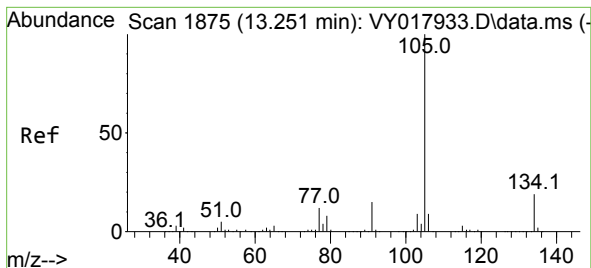
Tgt Ion:105 Resp: 185754

Ion Ratio Lower Upper

105 100

120 48.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.889 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

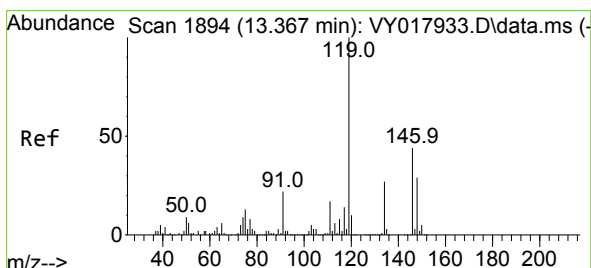
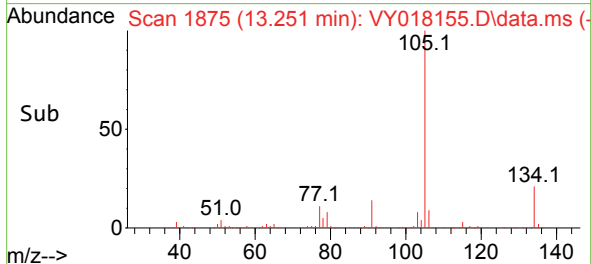
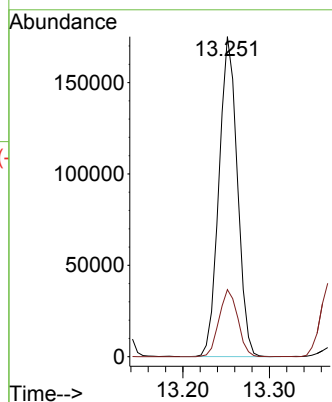
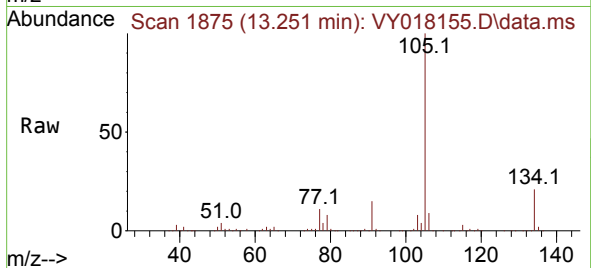
ClientSampleId :

Tgt Ion:105 Resp: 258207

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.670 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

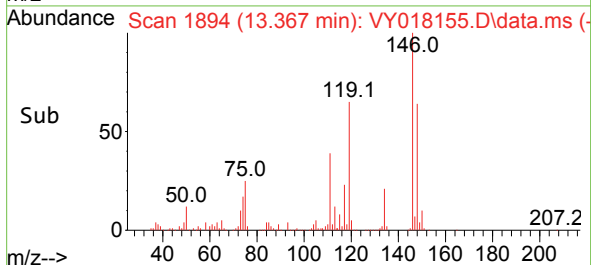
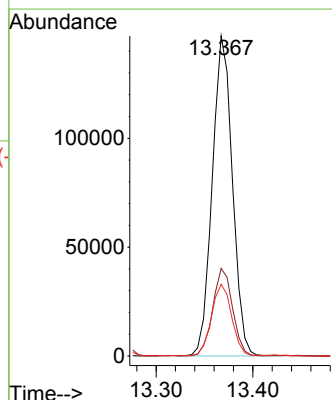
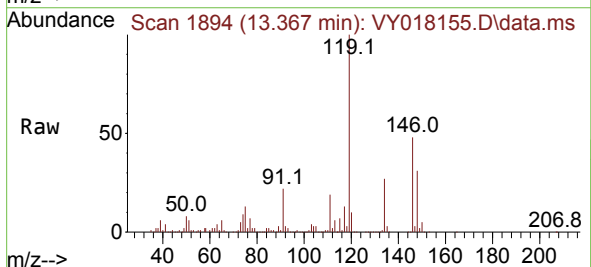
Tgt Ion:119 Resp: 212817

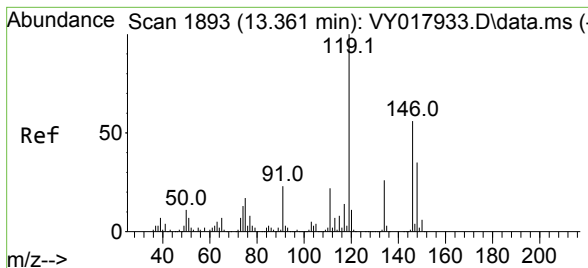
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.675 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

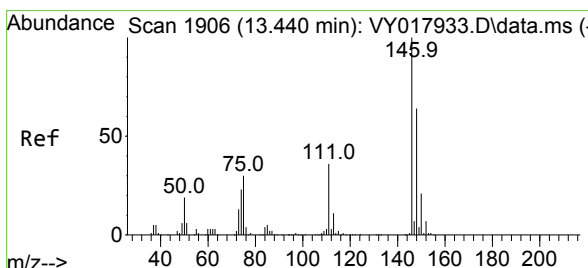
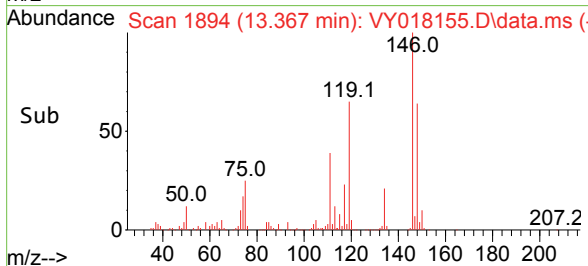
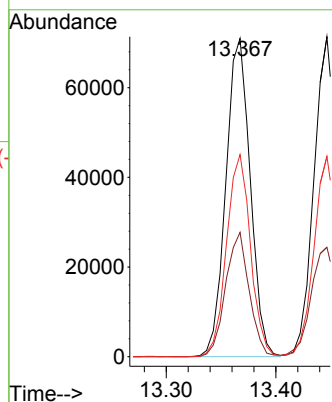
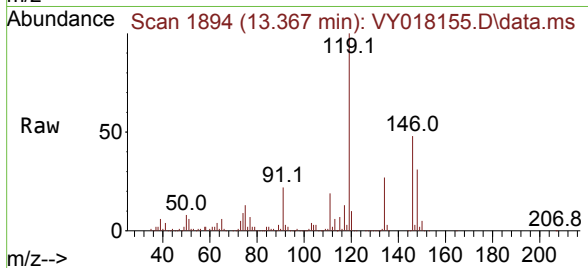
Tgt Ion:146 Resp: 109630

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 62.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.407 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

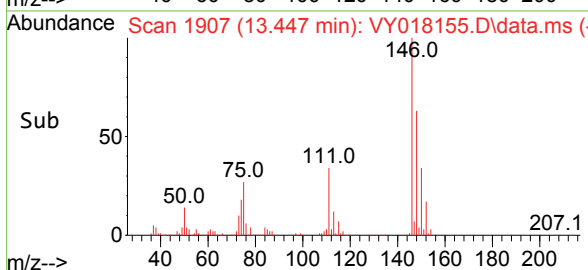
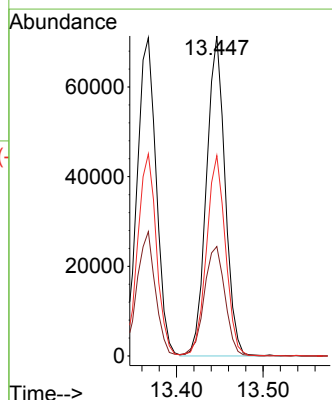
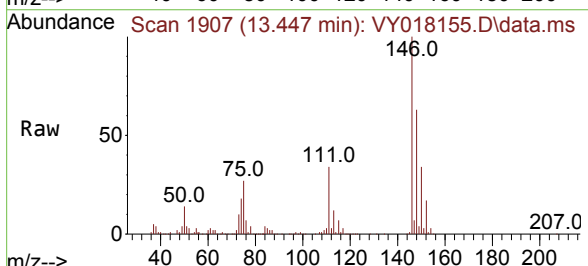
Tgt Ion:146 Resp: 106584

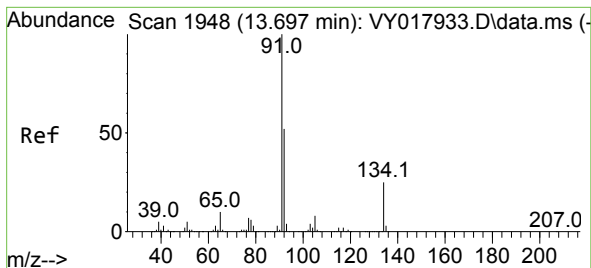
Ion Ratio Lower Upper

146 100

111 38.3 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 20.111 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

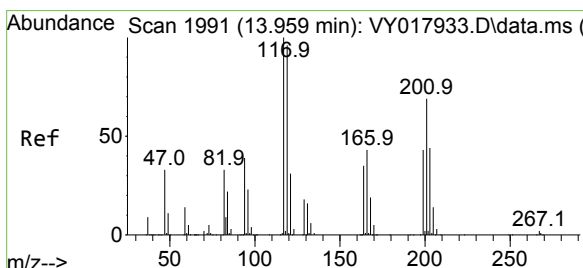
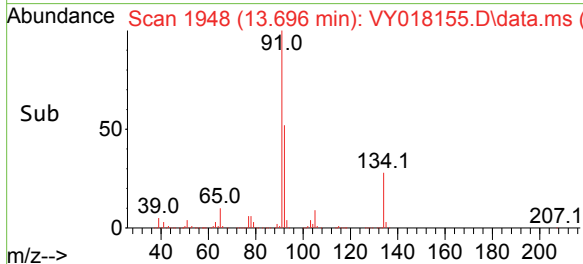
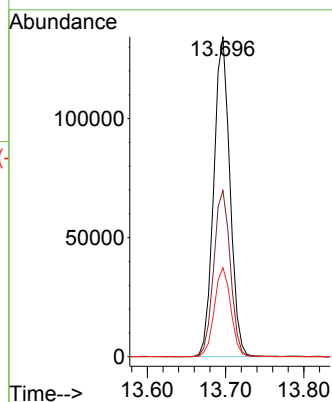
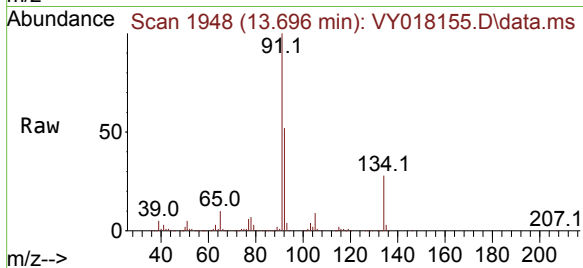
Tgt Ion: 91 Resp: 192559

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 28.3 12.9 38.7



#90

Hexachloroethane

Concen: 19.307 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018155.D

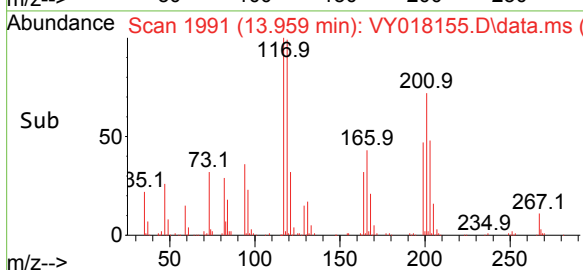
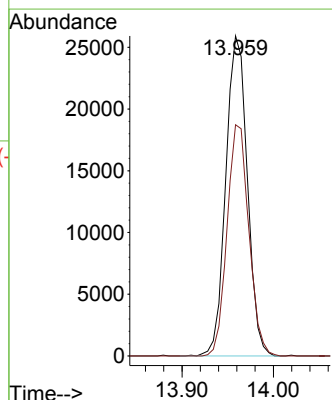
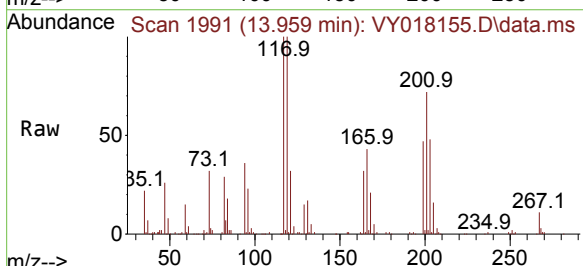
Acq: 06 May 2024 11:29

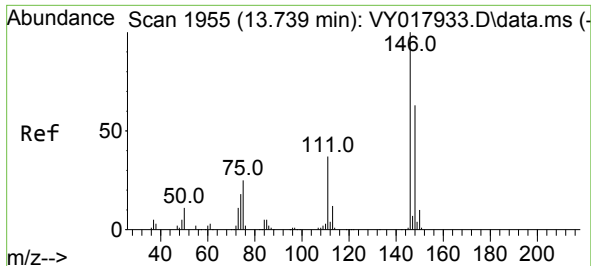
Tgt Ion: 117 Resp: 42440

Ion Ratio Lower Upper

117 100

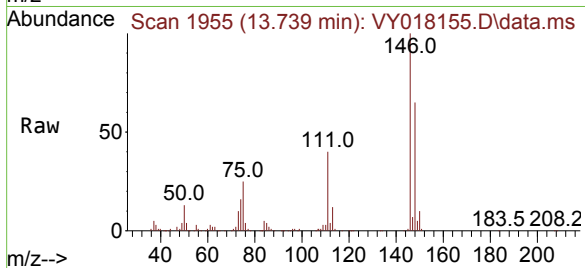
201 73.2 37.4 112.2



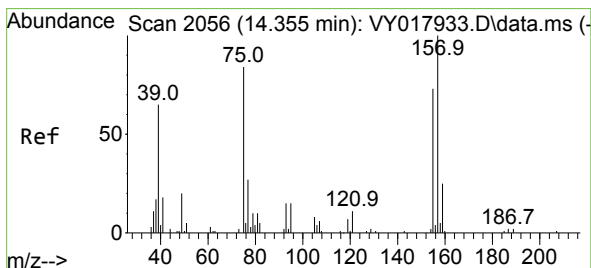
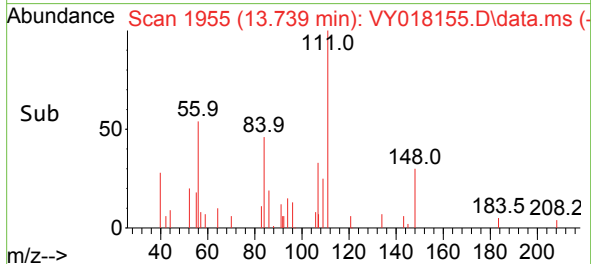
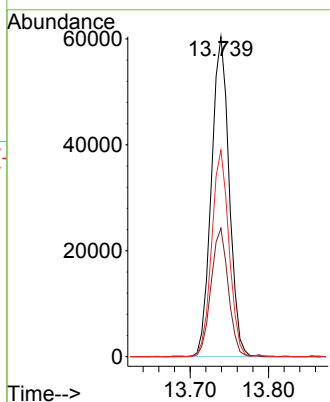


#91
 1,2-Dichlorobenzene
 Concen: 19.608 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

Instrument :
 MSVOA_Y
 ClientSampleId :

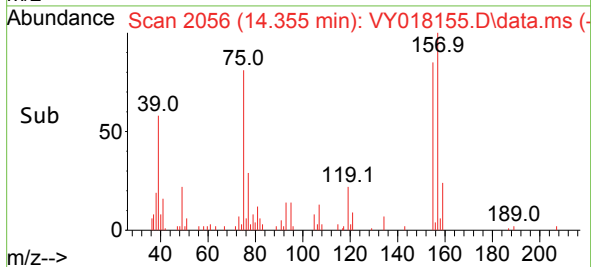
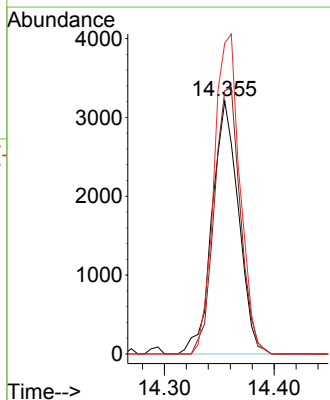
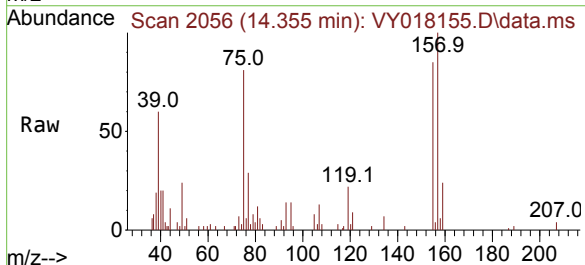


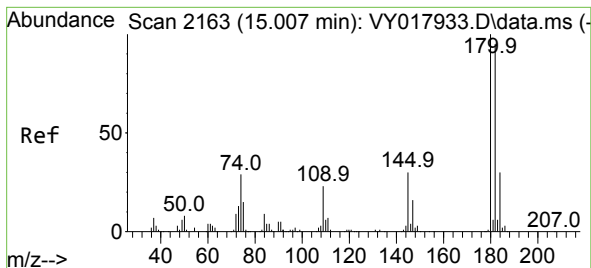
Tgt Ion:146 Resp: 95207
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 62.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.186 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY018155.D
 Acq: 06 May 2024 11:29

Tgt Ion: 75 Resp: 5352
 Ion Ratio Lower Upper
 75 100
 155 103.8 48.6 145.8
 157 123.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.111 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

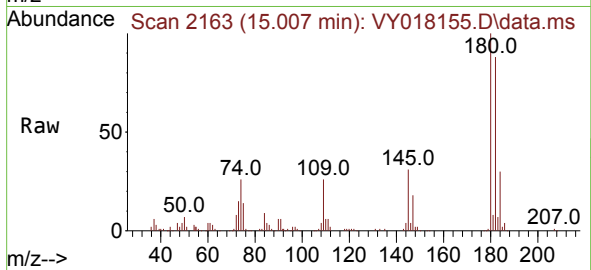
Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :



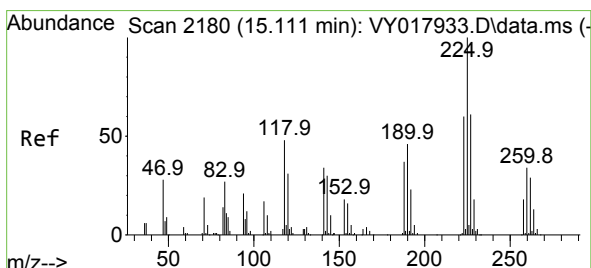
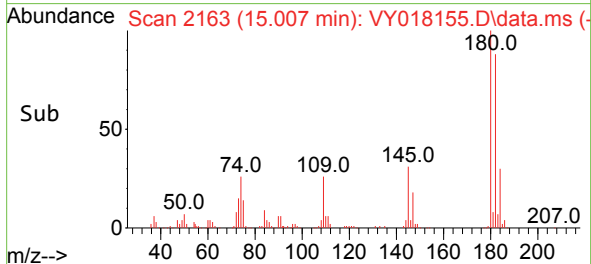
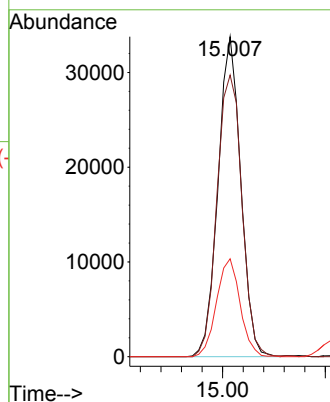
Tgt Ion:180 Resp: 51862

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 31.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.387 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

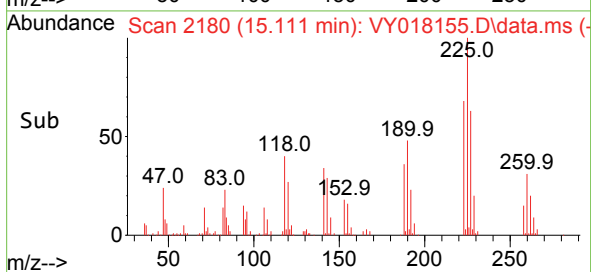
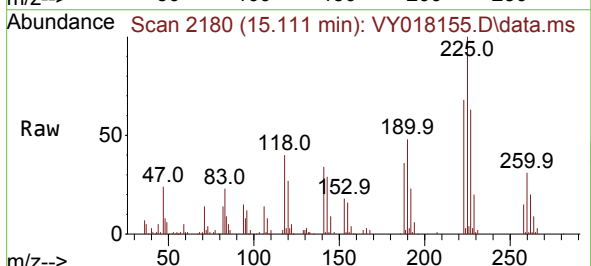
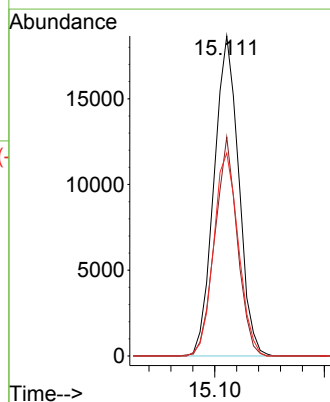
Tgt Ion:225 Resp: 29121

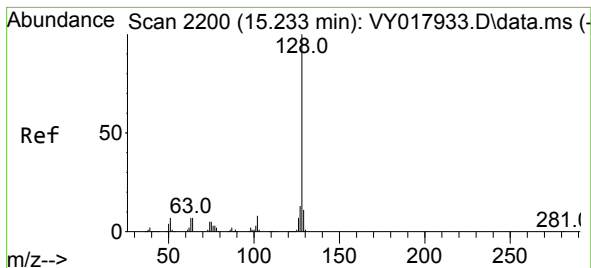
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 19.517 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

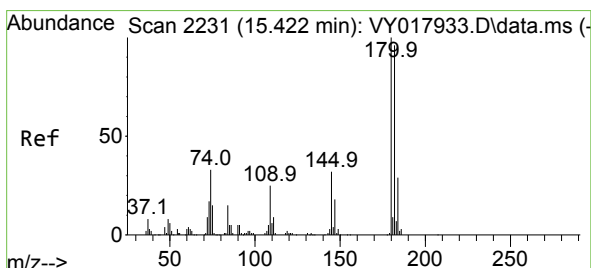
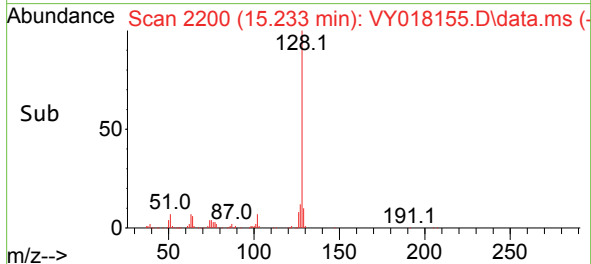
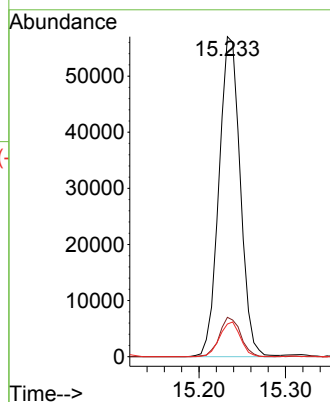
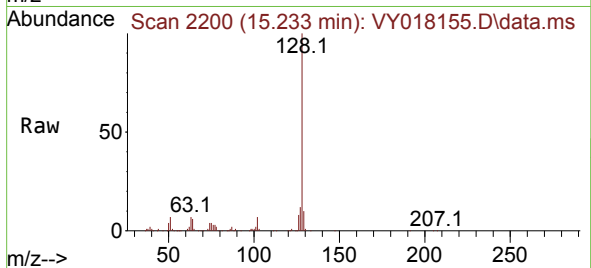
Tgt Ion:128 Resp: 97519

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.817 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018155.D

Acq: 06 May 2024 11:29

Tgt Ion:180 Resp: 44874

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 32.2 15.4 46.1

