

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018152.D
 Acq On : 06 May 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 23:42:21 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	7.789	168	281593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	451554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109227	49.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.716	113	130181	50.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.179	98	500745	49.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	160187	45.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	96154	42.777	ug/l	96
3) Chloromethane	2.113	50	140371	47.794	ug/l	99
4) Vinyl Chloride	2.247	62	162559	51.157	ug/l	100
5) Bromomethane	2.650	94	113411	57.823	ug/l	99
6) Chloroethane	2.790	64	105449	53.285	ug/l	99
7) Trichlorofluoromethane	3.119	101	193491	45.738	ug/l	93
8) Diethyl Ether	3.521	74	64012	47.126	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	118614	44.928	ug/l	97
10) Methyl Iodide	4.082	142	158443	45.280	ug/l	98
11) Tert butyl alcohol	4.948	59	41684	230.422	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	124431	46.220	ug/l	93
13) Acrolein	3.723	56	47291	175.637	ug/l	99
14) Allyl chloride	4.479	41	160246	45.021	ug/l	100
15) Acrylonitrile	5.155	53	123348	241.756	ug/l	100
16) Acetone	3.942	43	121241	286.725	ug/l	96
17) Carbon Disulfide	4.192	76	373223	46.429	ug/l	97
18) Methyl Acetate	4.466	43	50320	46.466	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	277280	44.885	ug/l	98
20) Methylene Chloride	4.710	84	125777	42.449	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	134774	47.093	ug/l	96
22) Diisopropyl ether	6.112	45	327578	44.685	ug/l	94
23) Vinyl Acetate	6.051	43	1043457	224.422	ug/l	99
24) 1,1-Dichloroethane	6.009	63	204952	46.300	ug/l	100
25) 2-Butanone	6.978	43	171930	261.358	ug/l	95
26) 2,2-Dichloropropane	6.978	77	187311	45.246	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	156381	45.819	ug/l	96
28) Bromochloromethane	7.332	49	82086	45.886	ug/l	92
29) Tetrahydrofuran	7.344	42	99325	237.505	ug/l	96
30) Chloroform	7.502	83	212933	45.458	ug/l	98
31) Cyclohexane	7.783	56	187917	44.185	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	194586	45.513	ug/l	99
36) 1,1-Dichloropropene	7.917	75	159891	46.159	ug/l	98
37) Ethyl Acetate	7.070	43	68428	45.395	ug/l #	93
38) Carbon Tetrachloride	7.899	117	176472	44.886	ug/l	97
39) Methylcyclohexane	9.185	83	222151	43.664	ug/l	99
40) Benzene	8.161	78	512065	46.005	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	34065	38.321	ug/l	91
42) 1,2-Dichloroethane	8.234	62	115583	44.823	ug/l	98
43) Isopropyl Acetate	8.271	43	141370	44.640	ug/l	96
44) Trichloroethene	8.941	130	140278	44.441	ug/l	99
45) 1,2-Dichloropropane	9.216	63	109925	45.265	ug/l	98
46) Dibromomethane	9.307	93	65419	44.307	ug/l	95
47) Bromodichloromethane	9.496	83	158978	43.859	ug/l	97
48) Methyl methacrylate	9.295	41	63674	43.923	ug/l	93
49) 1,4-Dioxane	9.295	88	16085	981.926	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	355222	229.661	ug/l	96
52) Toluene	10.246	92	330272	44.834	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	156854	44.785	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	186784	45.396	ug/l #	93
55) 1,1,2-Trichloroethane	10.648	97	89382	45.009	ug/l	94
56) Ethyl methacrylate	10.508	69	123614	44.026	ug/l #	91
57) 1,3-Dichloropropane	10.788	76	144753	45.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	327369	249.770	ug/l	94
59) 2-Hexanone	10.831	43	274067	248.263	ug/l	95
60) Dibromochloromethane	10.983	129	118936	44.095	ug/l	99
61) 1,2-Dibromoethane	11.093	107	84923	44.627	ug/l	100
64) Tetrachloroethene	10.721	164	124328	44.106	ug/l	99
65) Chlorobenzene	11.520	112	367074	44.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	121635	43.993	ug/l	99
67) Ethyl Benzene	11.593	91	620402	45.009	ug/l	95
68) m/p-Xylenes	11.703	106	492689	89.206	ug/l	97
69) o-Xylene	12.032	106	234251	44.150	ug/l	96
70) Styrene	12.044	104	399712	44.761	ug/l	97
71) Bromoform	12.209	173	68775	42.447	ug/l #	98
73) Isopropylbenzene	12.331	105	599650	44.773	ug/l	97
74) N-amyl acetate	12.142	43	128389	43.677	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	96811	45.428	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	122262	81.866	ug/l #	100
77) Bromobenzene	12.611	156	142464	44.767	ug/l	93
78) n-propylbenzene	12.672	91	700536	45.423	ug/l	96
79) 2-Chlorotoluene	12.758	91	385861	44.053	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	476800	44.172	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	35964	43.871	ug/l	97
82) 4-Chlorotoluene	12.855	91	388180	43.249	ug/l	95
83) tert-Butylbenzene	13.075	119	437761	44.298	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	470722	44.516	ug/l	98
85) sec-Butylbenzene	13.257	105	641610	45.243	ug/l	97
86) p-Isopropyltoluene	13.373	119	534946	45.265	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	272805	44.820	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	267285	44.554	ug/l	99
89) n-Butylbenzene	13.696	91	480167	45.911	ug/l	98
90) Hexachloroethane	13.965	117	104858	43.671	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	236687	44.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13884	43.189	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	134538	45.387	ug/l	99
94) Hexachlorobutadiene	15.111	225	74290	45.276	ug/l	97
95) Naphthalene	15.239	128	248477	45.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	112993	45.682	ug/l	99

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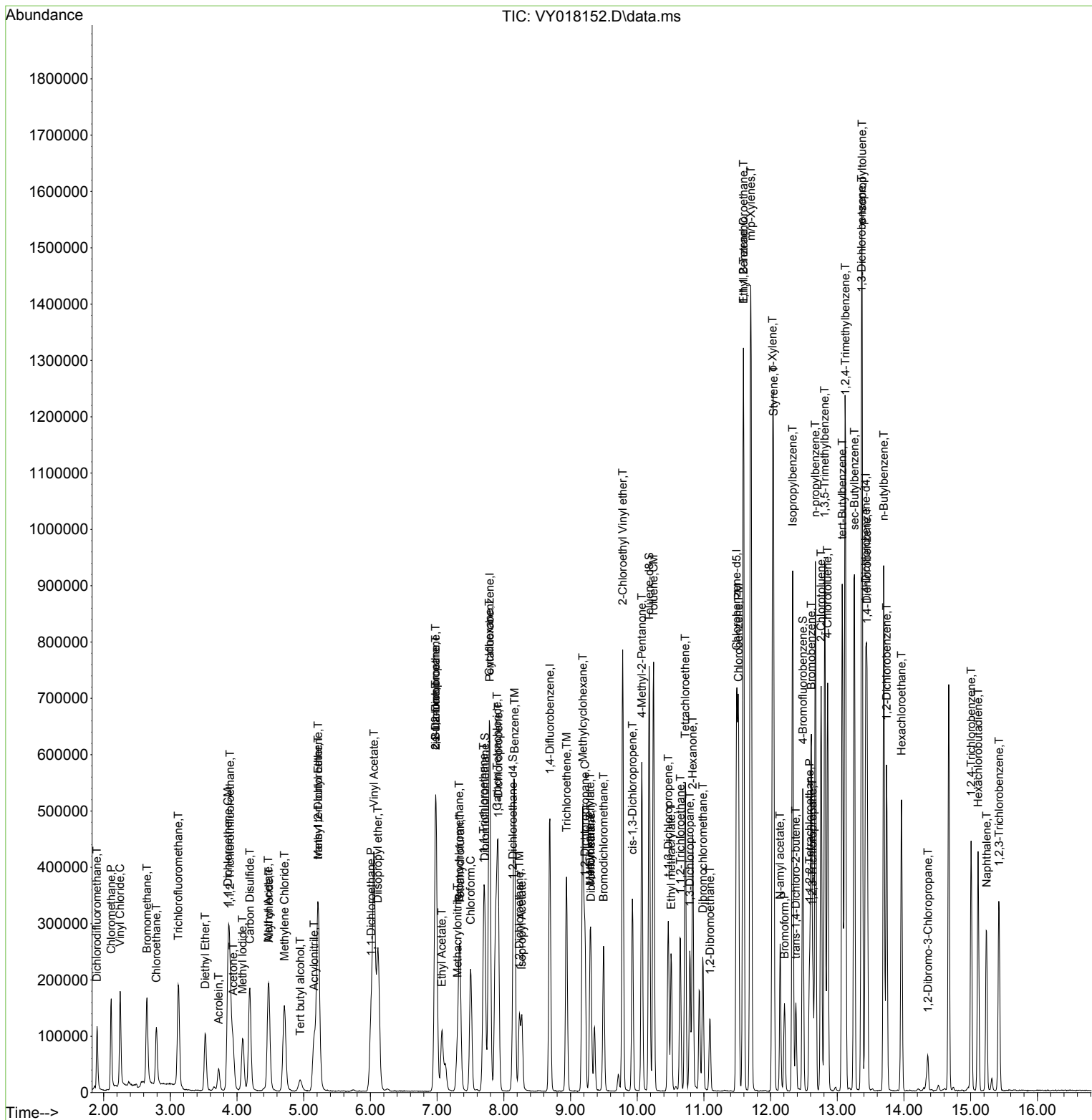
Instrument :
MSVOA_Y
ClientSampleId :

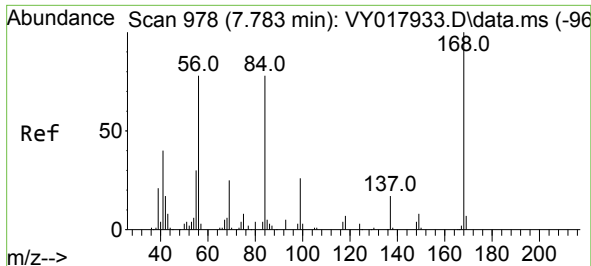
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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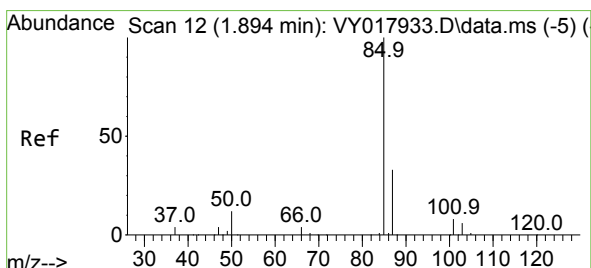
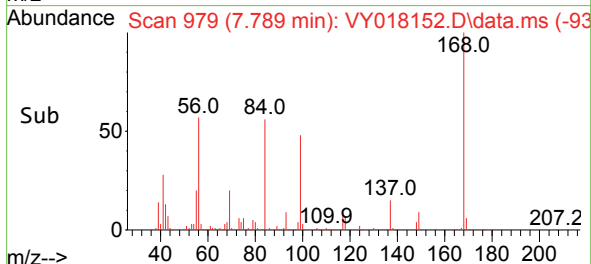
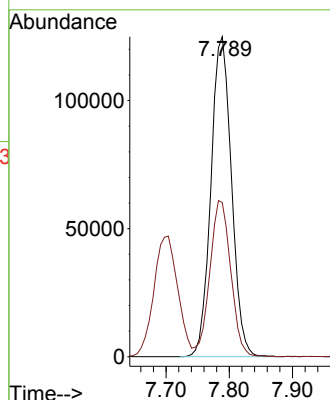
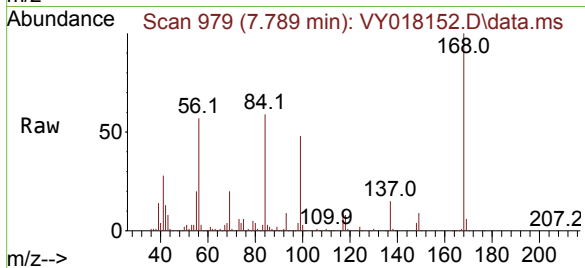




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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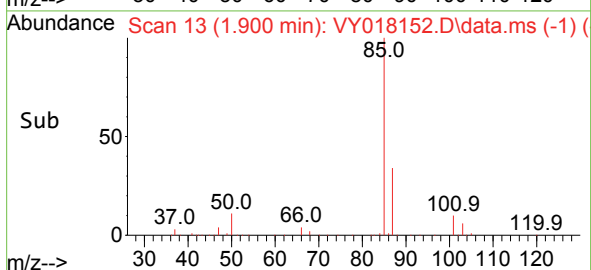
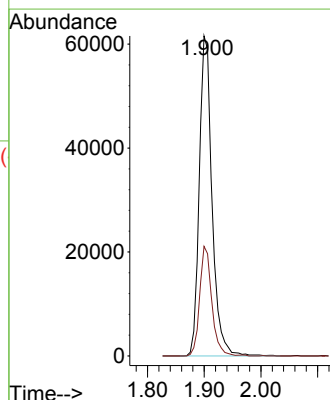
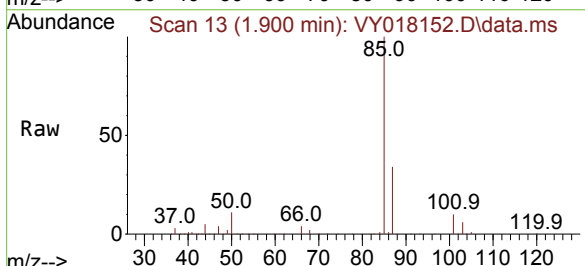
Instrument :
MSVOA_Y
ClientSampleId :

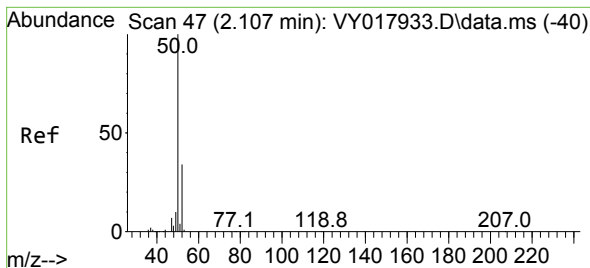
Tgt Ion:168 Resp: 281593
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.777 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 85 Resp: 96154
Ion Ratio Lower Upper
85 100
87 34.3 16.0 48.0





#3

Chloromethane

Concen: 47.794 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

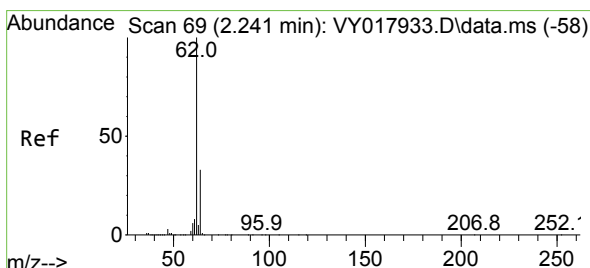
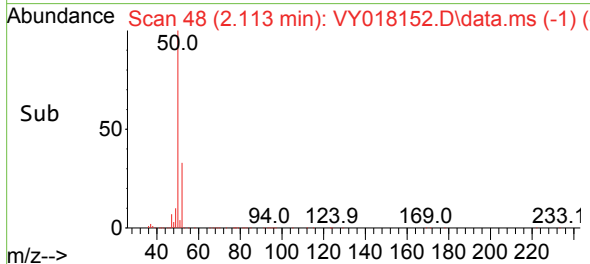
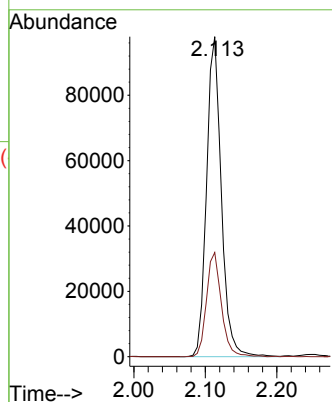
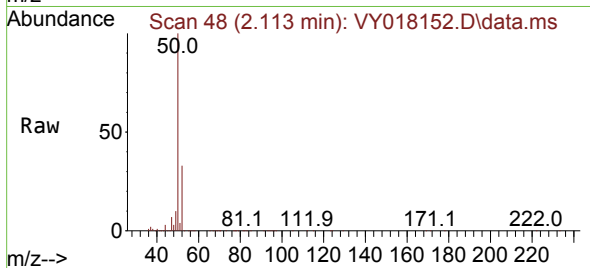
ClientSampleId :

Tgt Ion: 50 Resp: 140371

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 51.157 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY018152.D

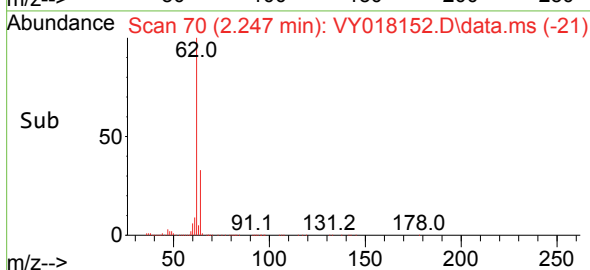
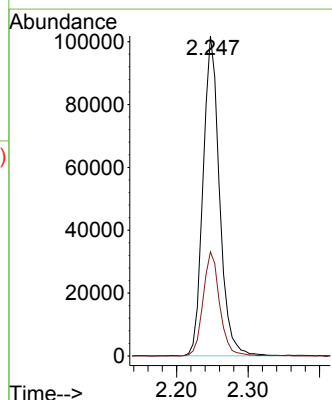
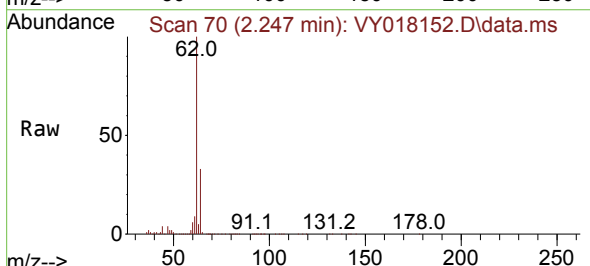
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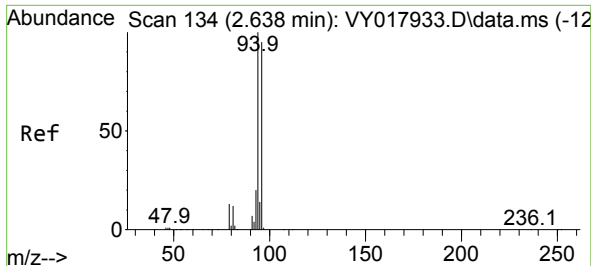
Tgt Ion: 62 Resp: 162559

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1

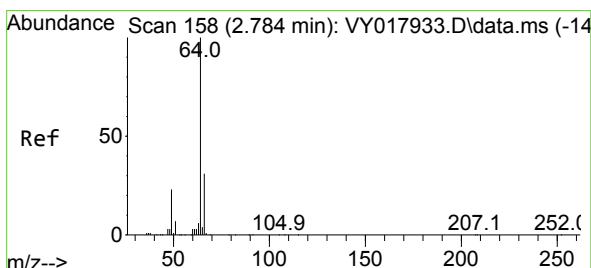
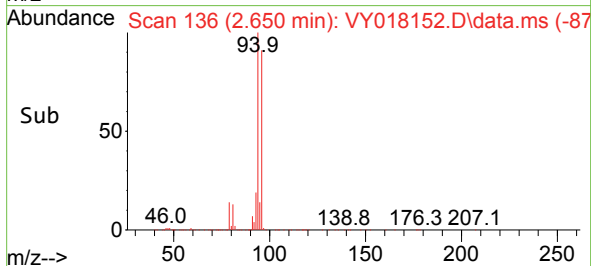
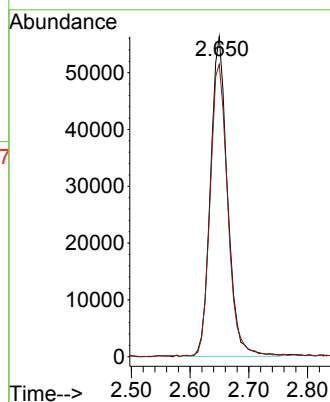
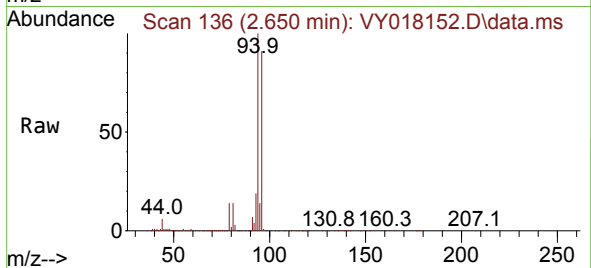




#5
Bromomethane
Concen: 57.823 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

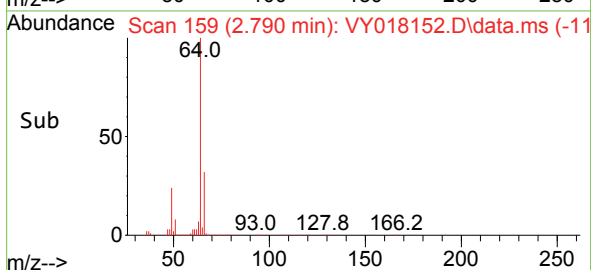
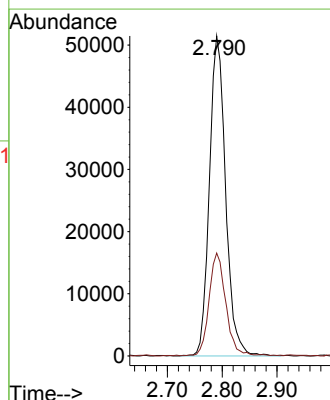
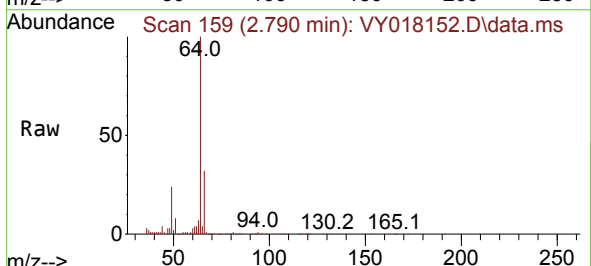
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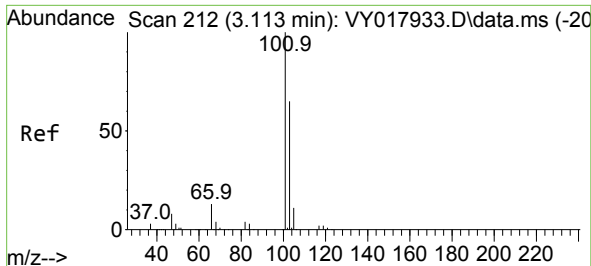
Tgt Ion: 94 Resp: 113411
Ion Ratio Lower Upper
94 100
96 91.4 74.1 111.1



#6
Chloroethane
Concen: 53.285 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 64 Resp: 105449
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

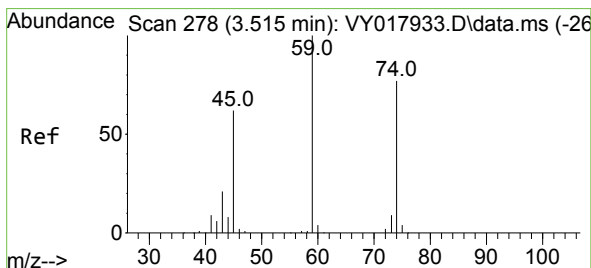
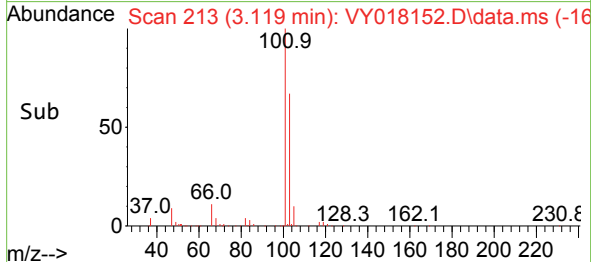
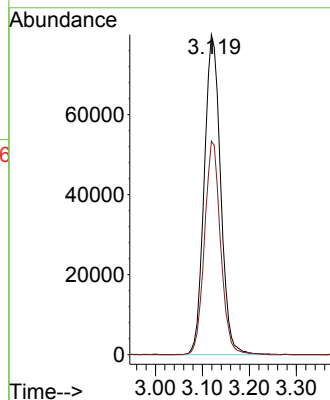
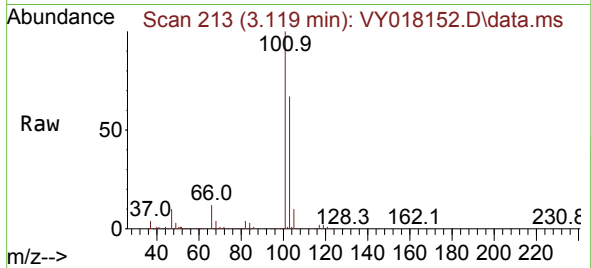




#7
 Trichlorofluoromethane
 Concen: 45.738 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018152.D
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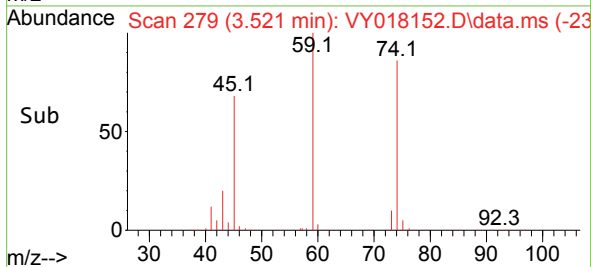
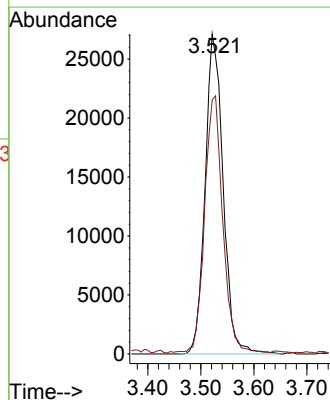
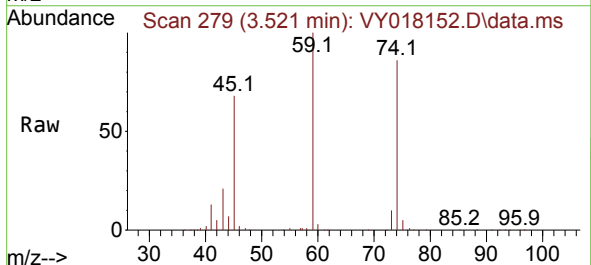
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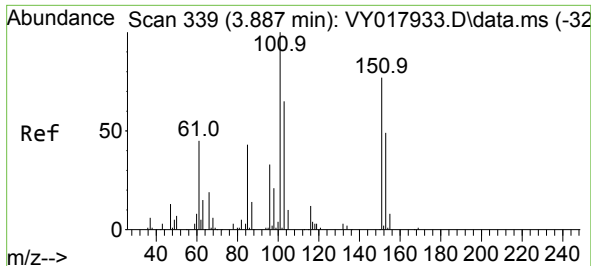
Tgt Ion:101 Resp: 193491
 Ion Ratio Lower Upper
 101 100
 103 66.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.126 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY018152.D
 Acq: 06 May 2024 09:52

Tgt Ion: 74 Resp: 64012
 Ion Ratio Lower Upper
 74 100
 45 81.3 41.3 124.1

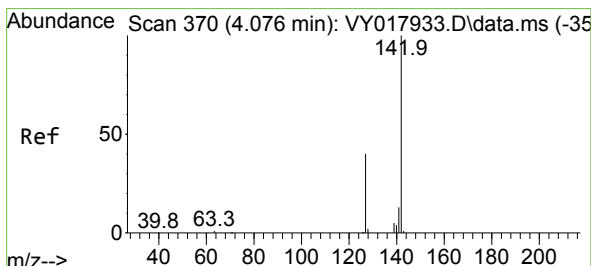
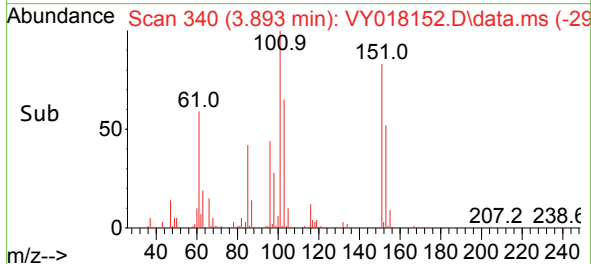
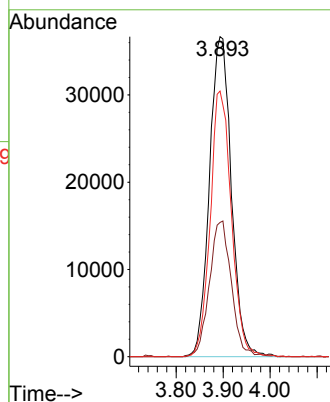
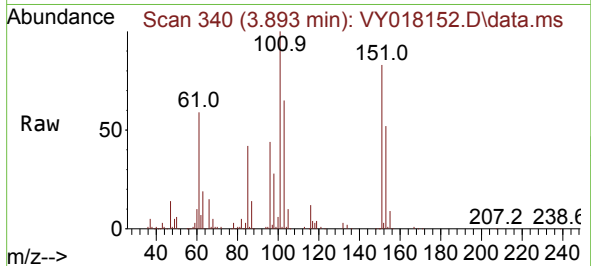




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.928 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.006 min
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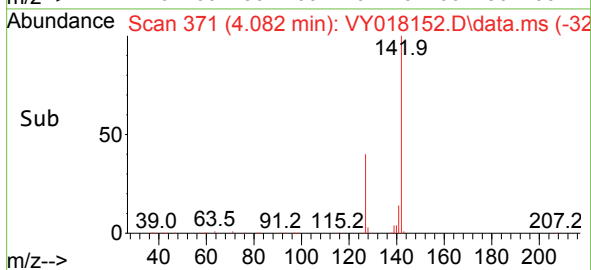
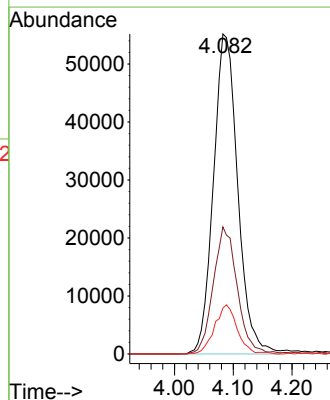
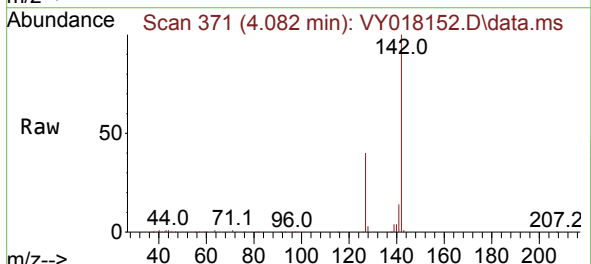
Instrument :
MSVOA_Y
ClientSampleId :

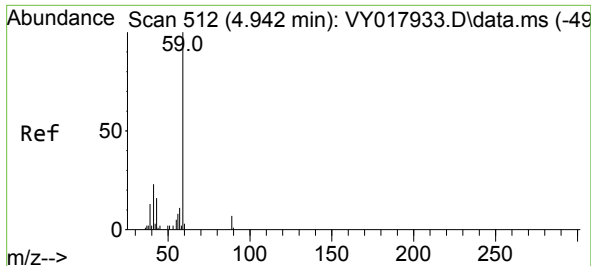
Tgt Ion:101 Resp: 118614
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 80.3 61.7 92.5



#10
Methyl Iodide
Concen: 45.280 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion:142 Resp: 158443
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 14.4 11.4 17.2

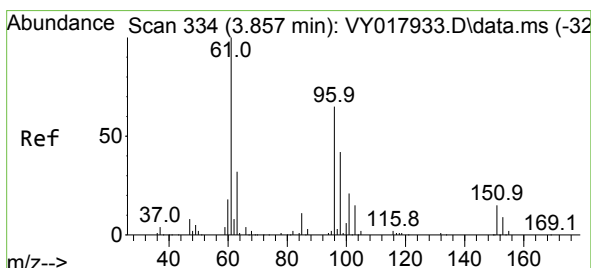
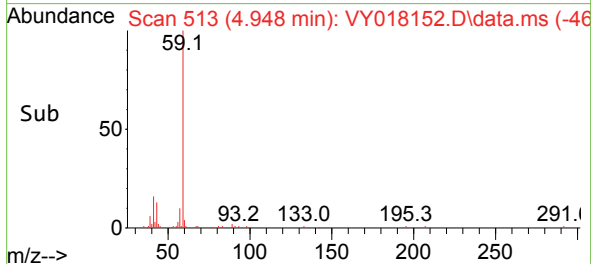
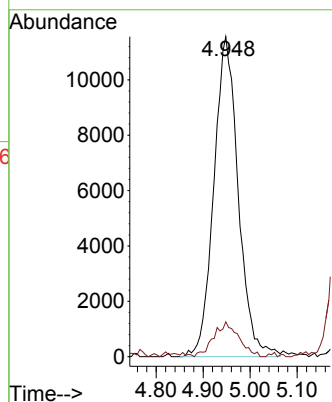
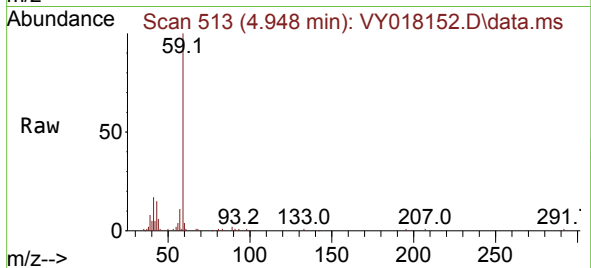




#11
Tert butyl alcohol
Concen: 230.422 ug/l
RT: 4.948 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

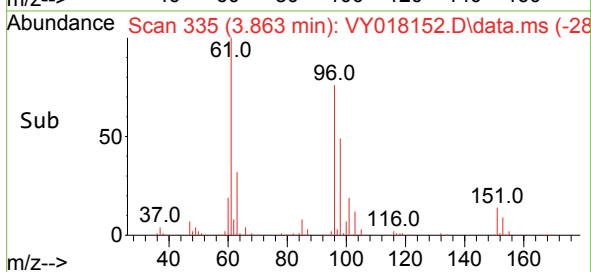
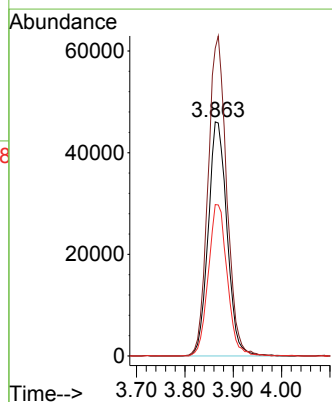
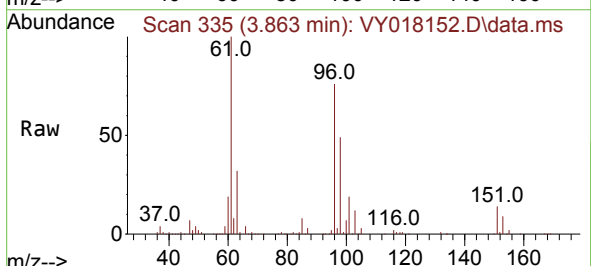
Instrument :
MSVOA_Y
ClientSampleId :

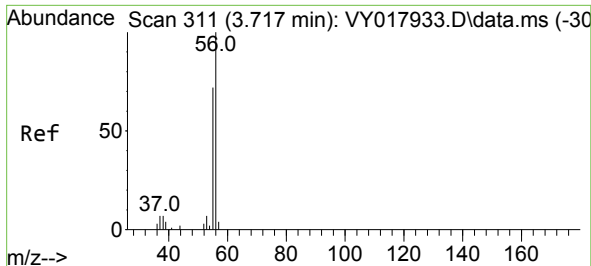
Tgt Ion: 59 Resp: 41684
Ion Ratio Lower Upper
59 100
57 11.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.220 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 96 Resp: 124431
Ion Ratio Lower Upper
96 100
61 131.5 114.6 171.8
98 64.7 50.8 76.2

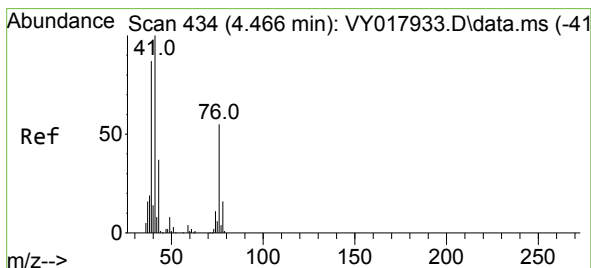
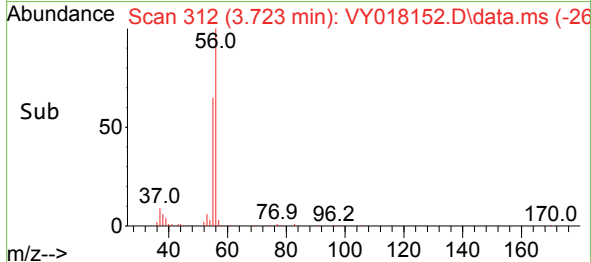
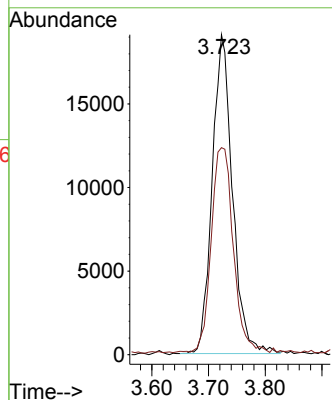
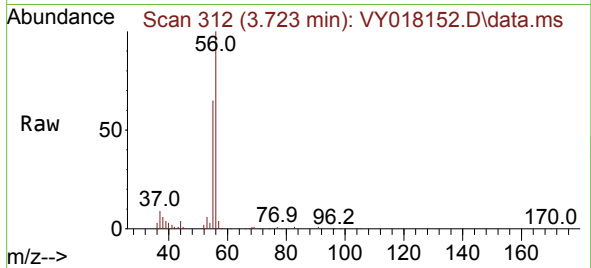




#13
Acrolein
Concen: 175.637 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

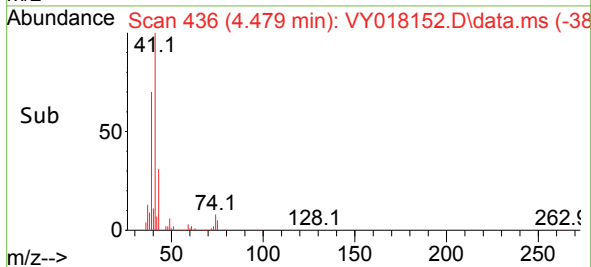
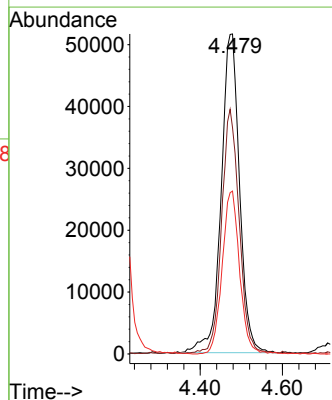
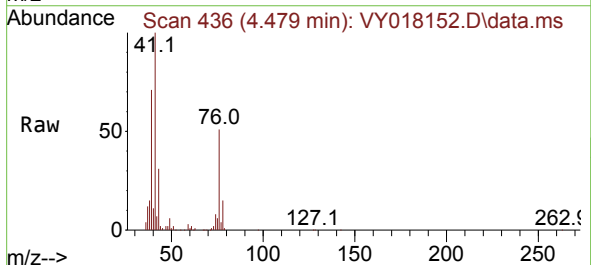
Instrument :
MSVOA_Y
ClientSampleId :

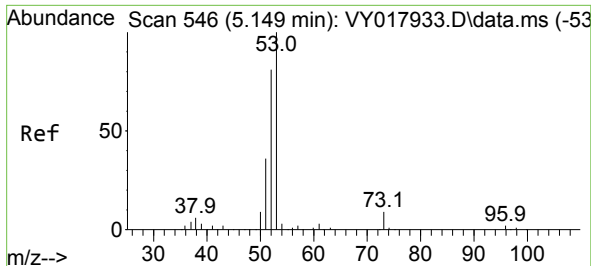
Tgt Ion: 56 Resp: 47291
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 45.021 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

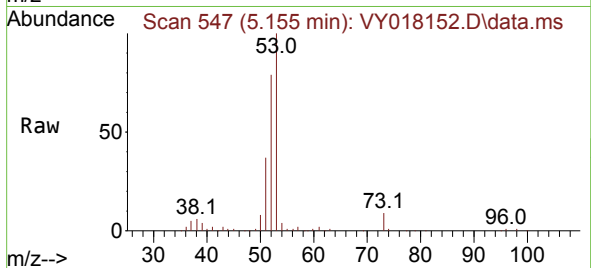
Tgt Ion: 41 Resp: 160246
Ion Ratio Lower Upper
41 100
39 72.8 58.3 87.5
76 48.2 39.0 58.6



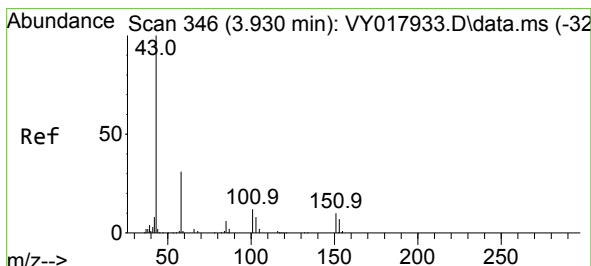
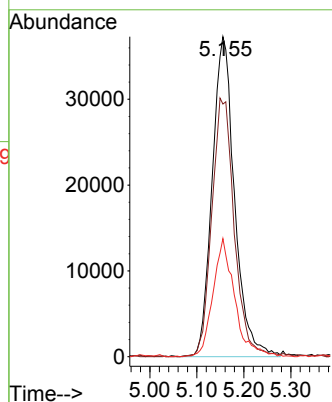
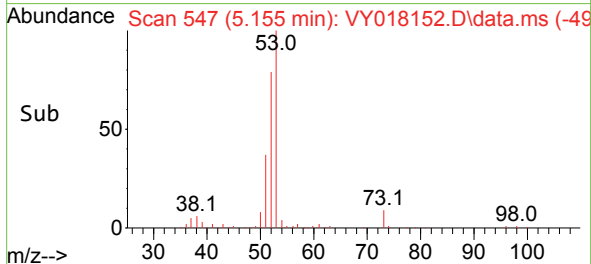


#15
Acrylonitrile
Concen: 241.756 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Instrument :
MSVOA_Y
ClientSampleId :

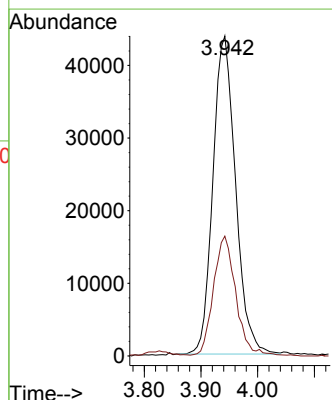
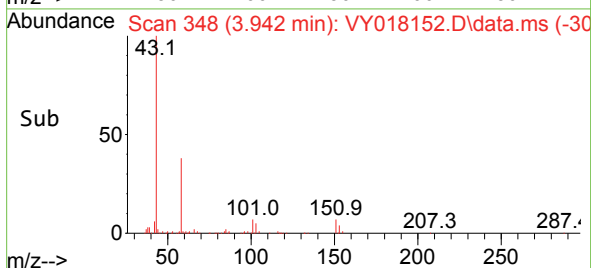
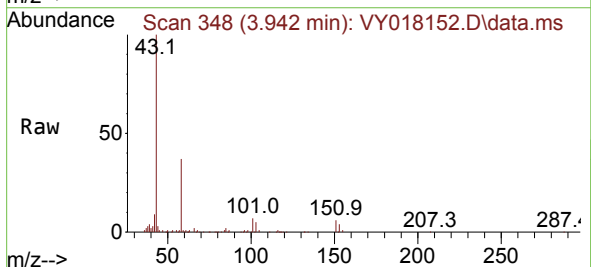


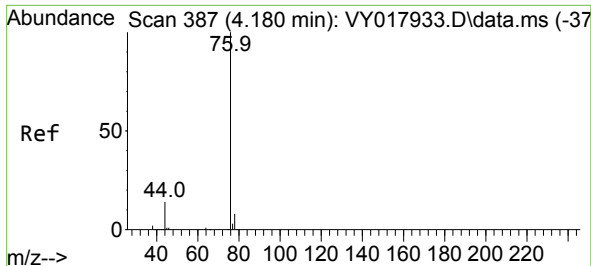
Tgt Ion: 53 Resp: 123348
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 36.0 28.4 42.6



#16
Acetone
Concen: 286.725 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 43 Resp: 121241
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5

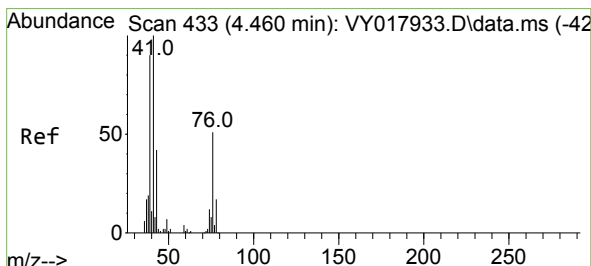
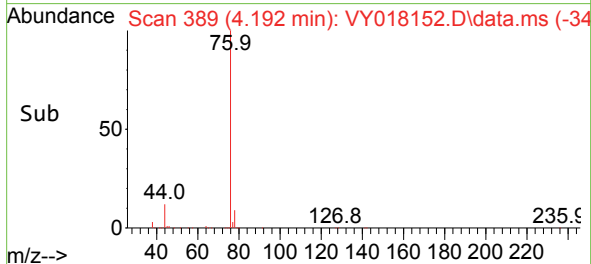
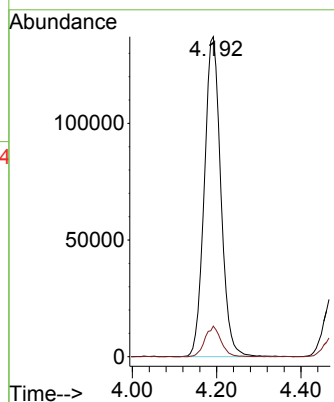
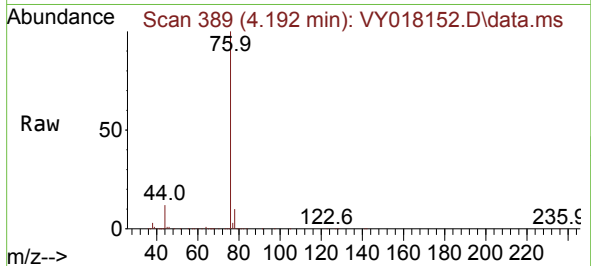




#17
Carbon Disulfide
Concen: 46.429 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

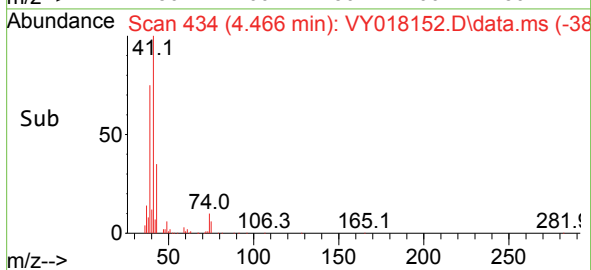
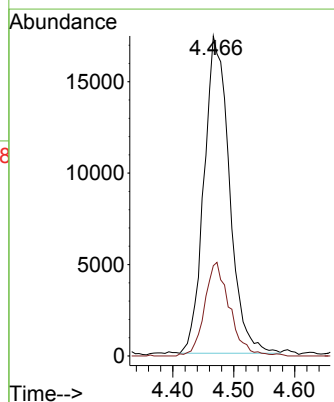
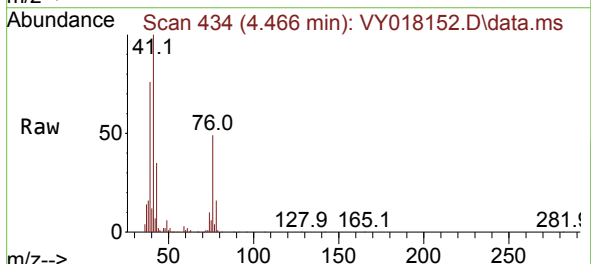
Instrument :
MSVOA_Y
ClientSampleId :

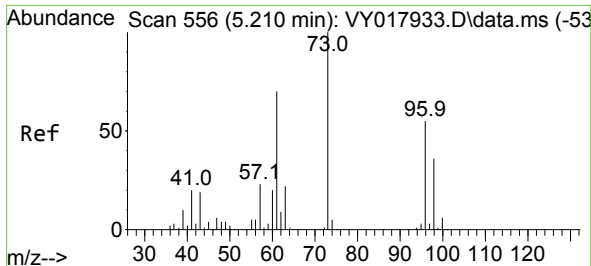
Tgt Ion: 76 Resp: 373223
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 46.466 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 43 Resp: 50320
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9

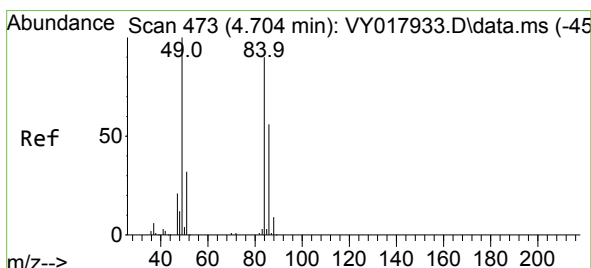
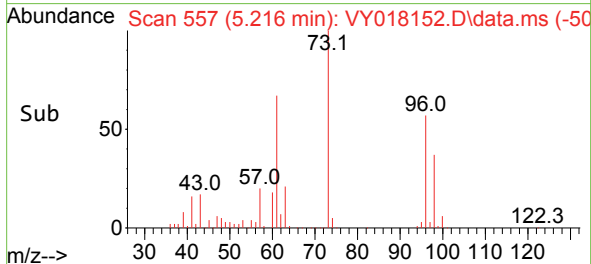
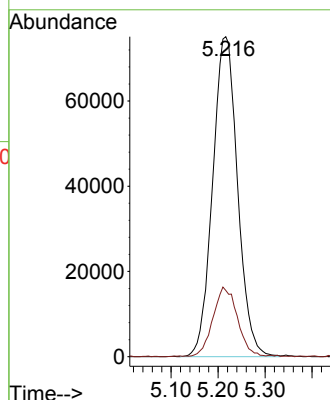
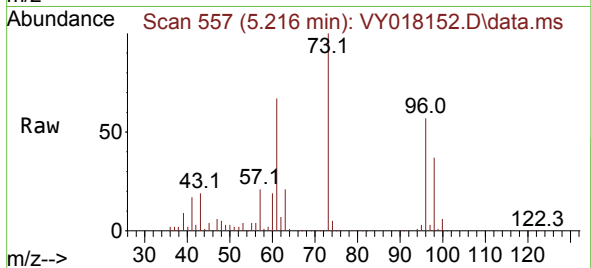




#19
Methyl tert-butyl Ether
Concen: 44.885 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

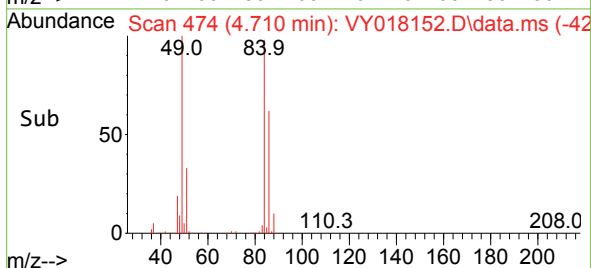
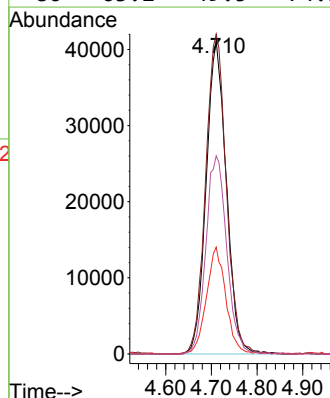
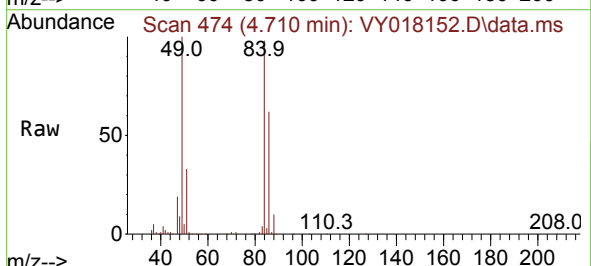
Instrument :
MSVOA_Y
ClientSampleId :

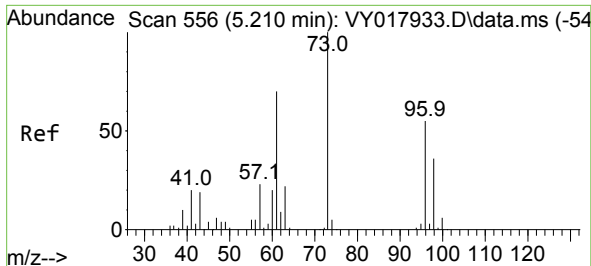
Tgt Ion: 73 Resp: 277280
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 42.449 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 84 Resp: 125777
Ion Ratio Lower Upper
84 100
49 101.9 84.4 126.6
51 34.1 26.0 39.0
86 63.2 49.5 74.3

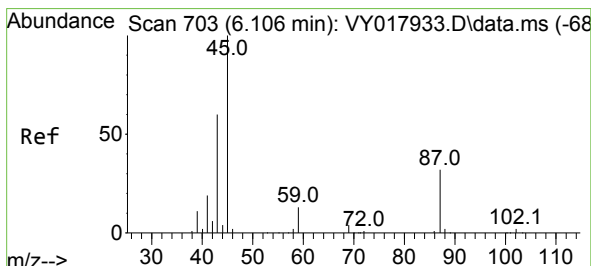
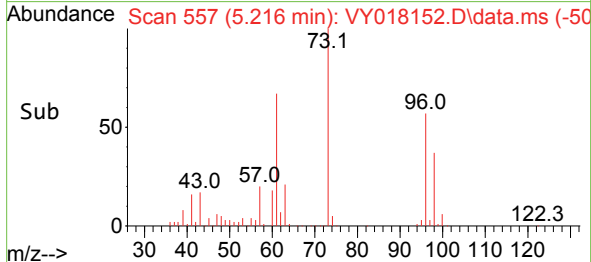
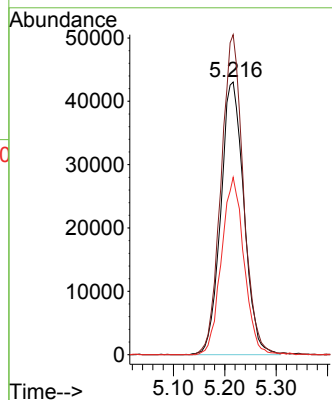
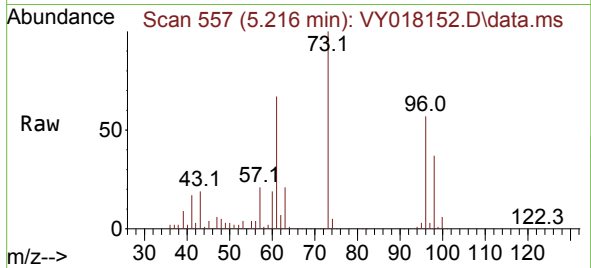




#21
trans-1,2-Dichloroethene
Concen: 47.093 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

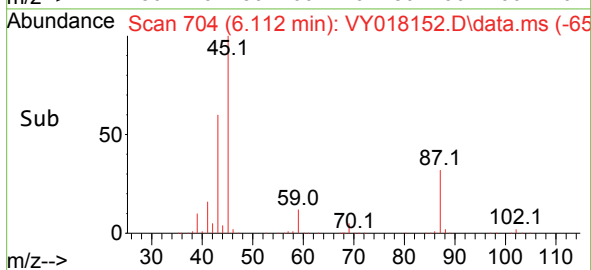
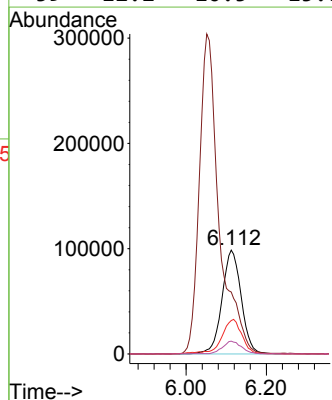
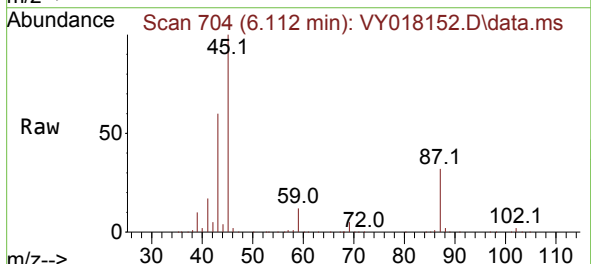
Instrument :
MSVOA_Y
ClientSampleId :

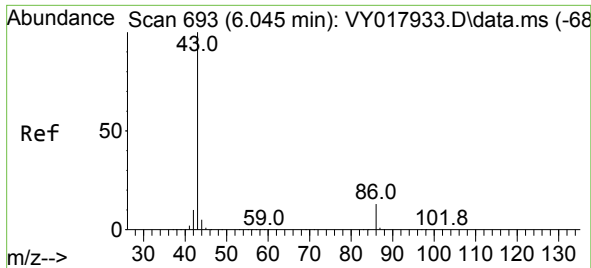
Tgt Ion: 96 Resp: 134774
Ion Ratio Lower Upper
96 100
61 117.4 97.5 146.3
98 65.1 50.5 75.7



#22
Diisopropyl ether
Concen: 44.685 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 45 Resp: 327578
Ion Ratio Lower Upper
45 100
43 59.3 42.2 63.2
87 32.1 25.0 37.6
59 12.2 10.5 15.7

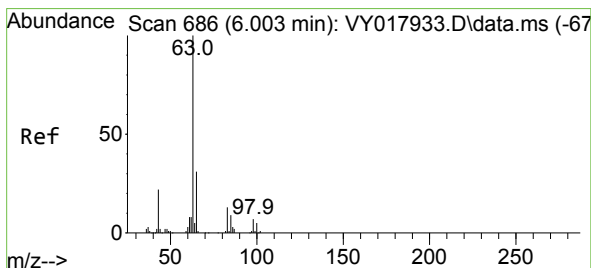
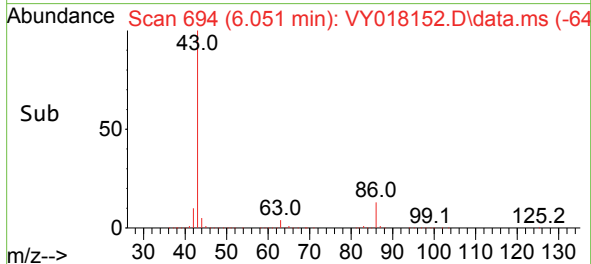
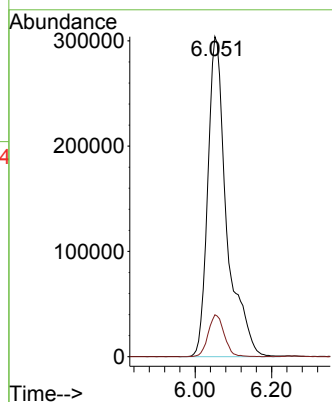
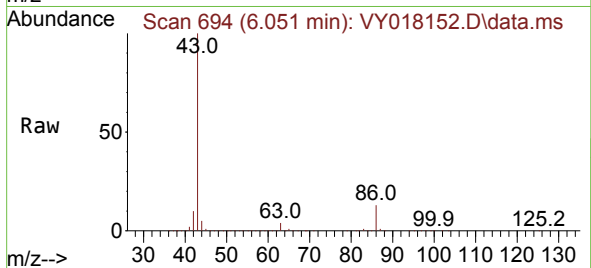




#23
 Vinyl Acetate
 Concen: 224.422 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VY018152.D
 Acq: 06 May 2024 09:52

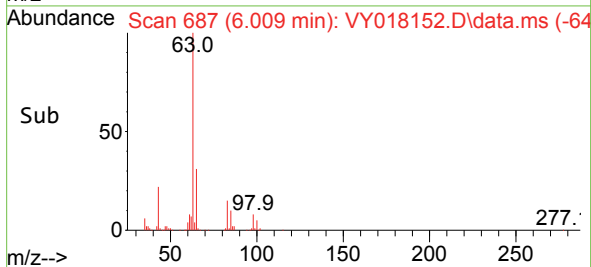
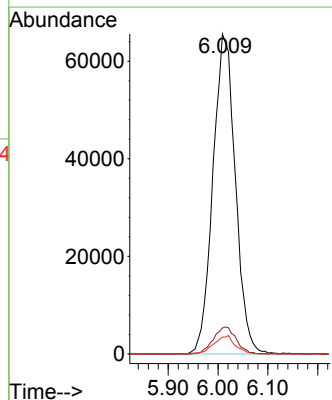
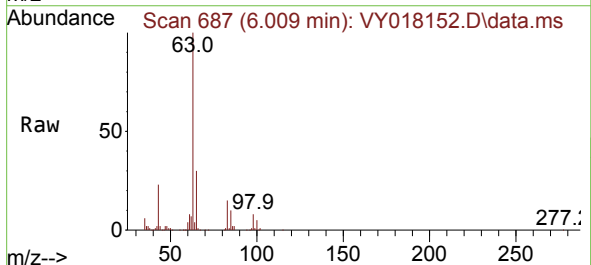
Instrument :
 MSVOA_Y
 ClientSampleId :

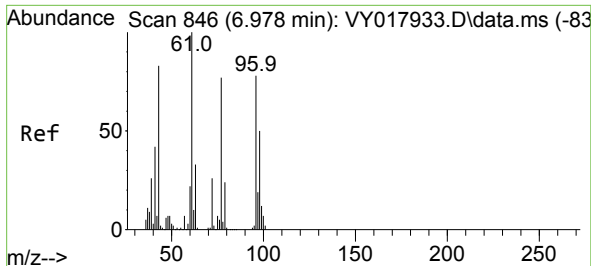
Tgt Ion: 43 Resp: 1043457
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.300 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY018152.D
 Acq: 06 May 2024 09:52

Tgt Ion: 63 Resp: 204952
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 261.358 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

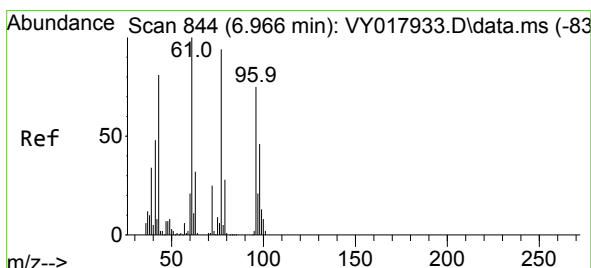
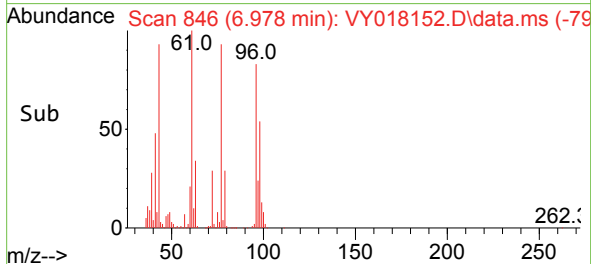
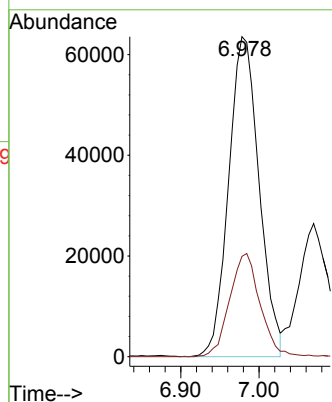
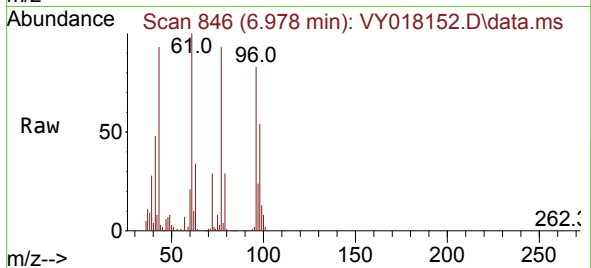
ClientSampleId :

Tgt Ion: 43 Resp: 171930

Ion Ratio Lower Upper

43 100

72 31.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 45.246 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018152.D

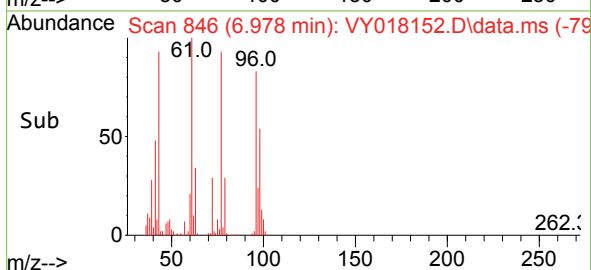
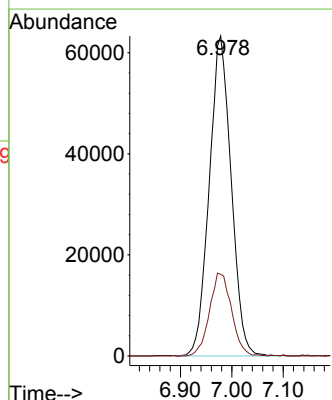
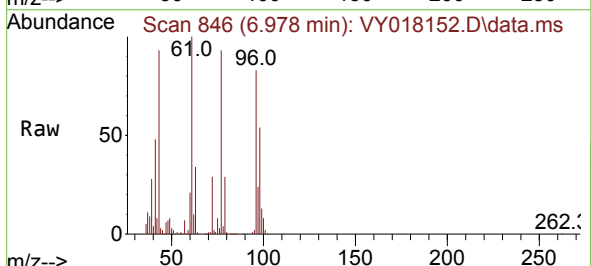
Acq: 06 May 2024 09:52

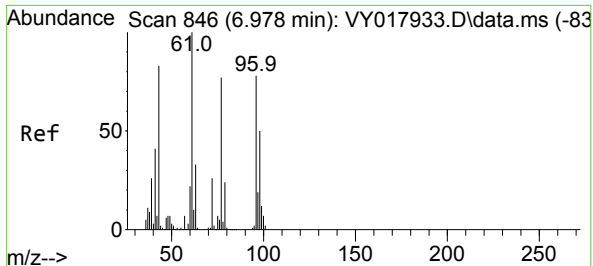
Tgt Ion: 77 Resp: 187311

Ion Ratio Lower Upper

77 100

97 26.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 45.819 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

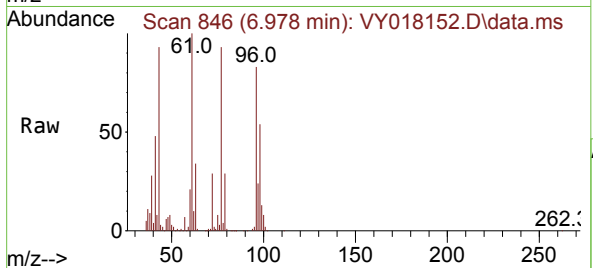
Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :



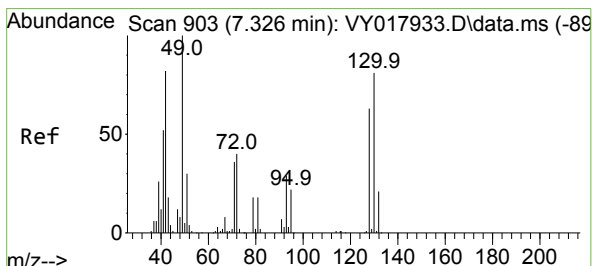
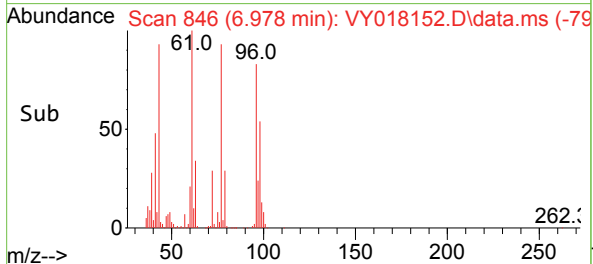
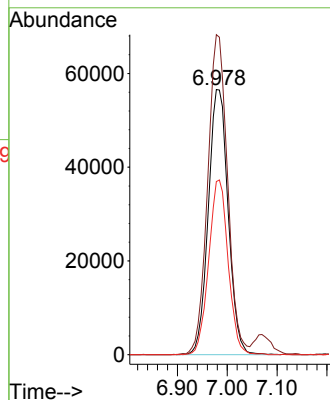
Tgt Ion: 96 Resp: 156381

Ion Ratio Lower Upper

96 100

61 121.2 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 45.886 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

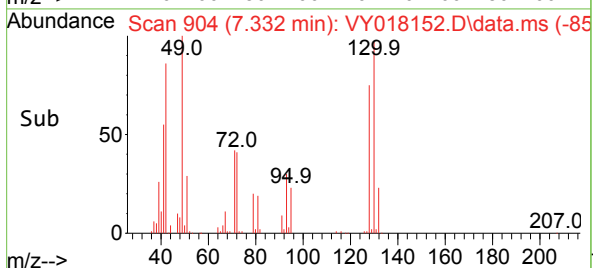
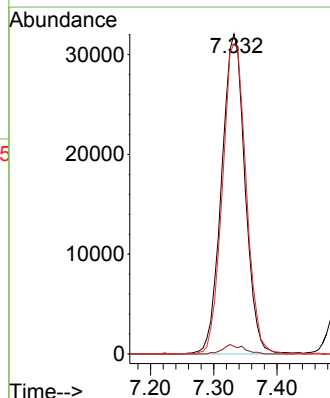
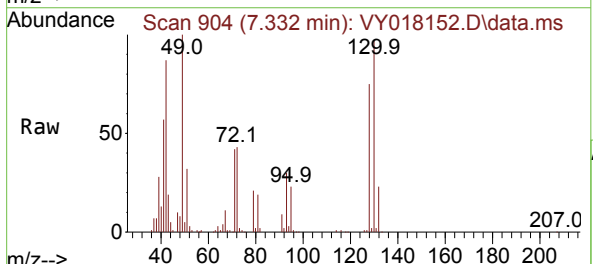
Tgt Ion: 49 Resp: 82086

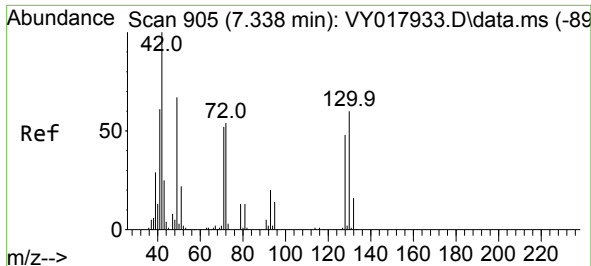
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 98.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 237.505 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY018152.D

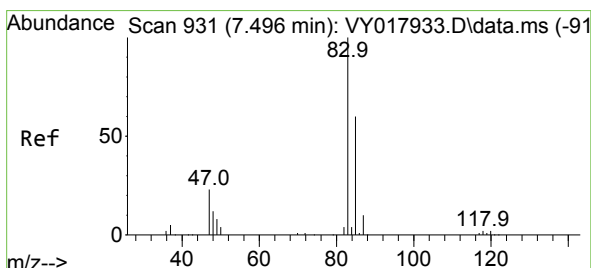
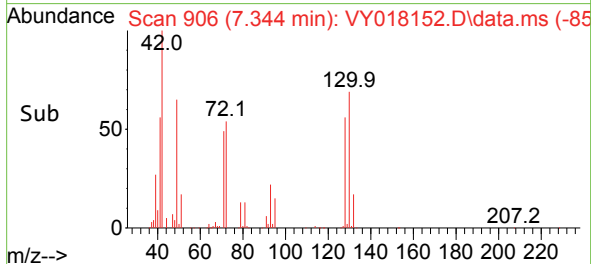
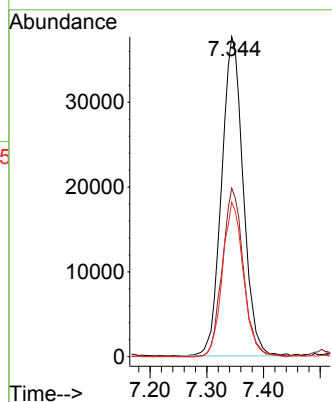
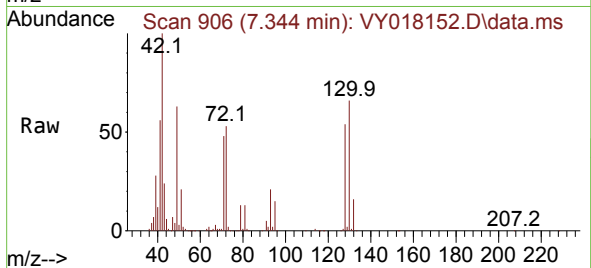
Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	99325
Ion	Ratio	Lower	Upper
42	100		
72	51.5	43.0	64.4
71	47.4	40.8	61.2



#30

Chloroform

Concen: 45.458 ug/l

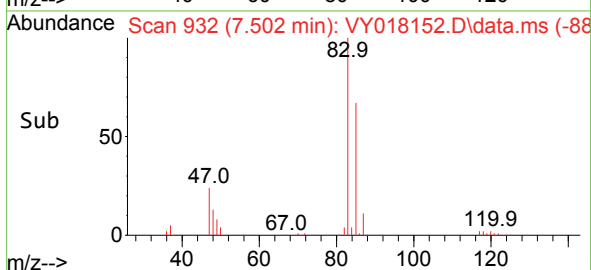
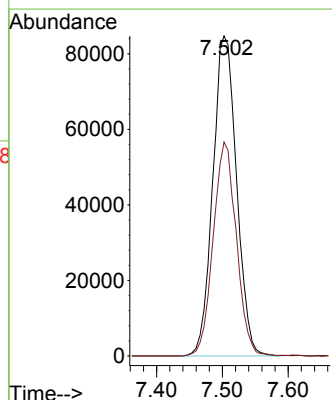
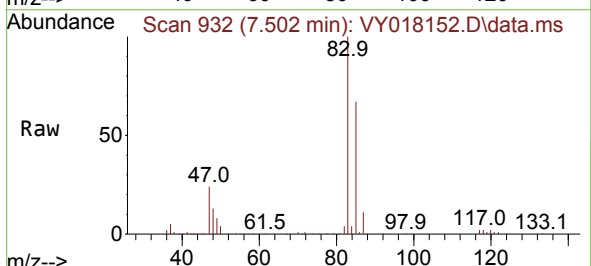
RT: 7.502 min Scan# 932

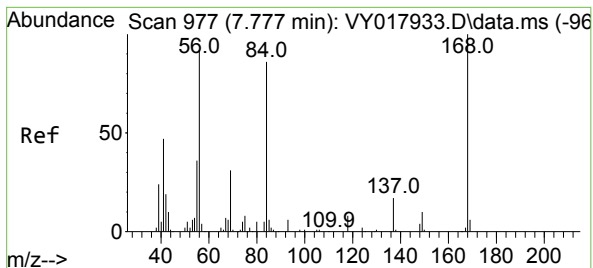
Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Tgt Ion:	83	Resp:	212933
Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.2	78.4





#31

Cyclohexane

Concen: 44.185 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

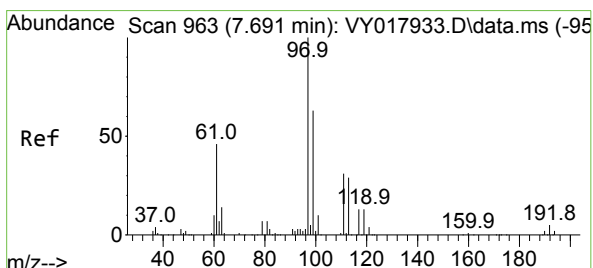
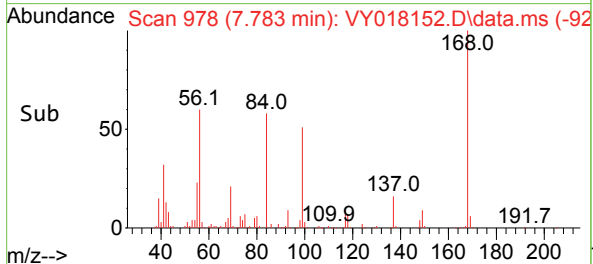
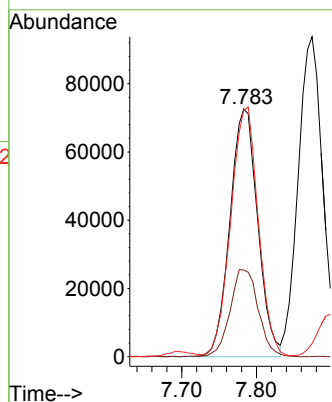
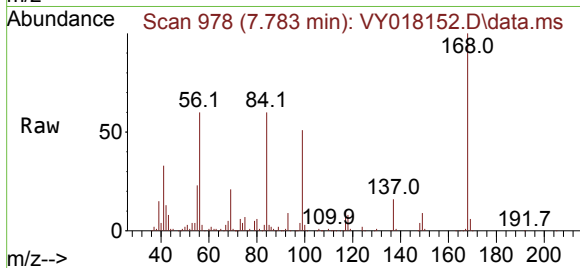
Tgt Ion: 56 Resp: 187917

Ion Ratio Lower Upper

56 100

69 35.0 28.7 43.1

84 97.4 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 45.513 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

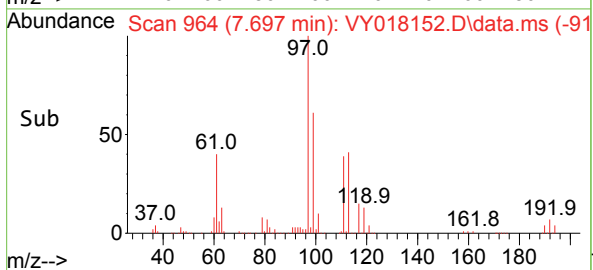
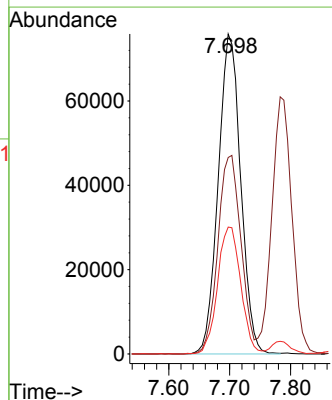
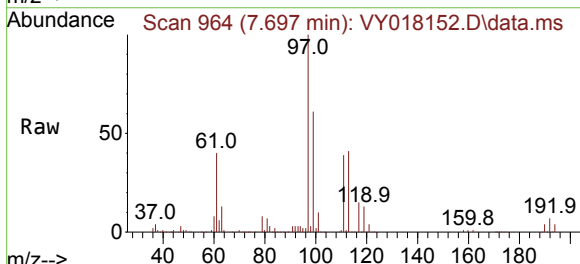
Tgt Ion: 97 Resp: 194586

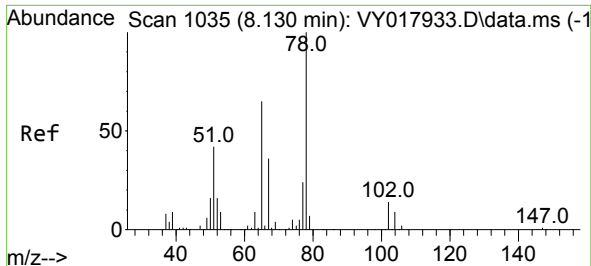
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 41.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.210 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

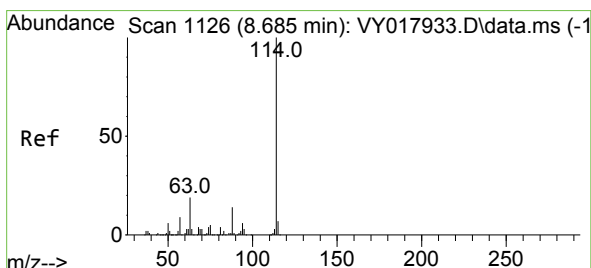
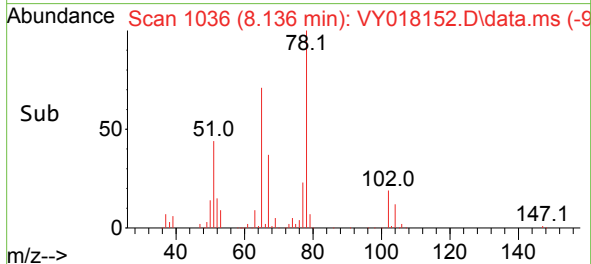
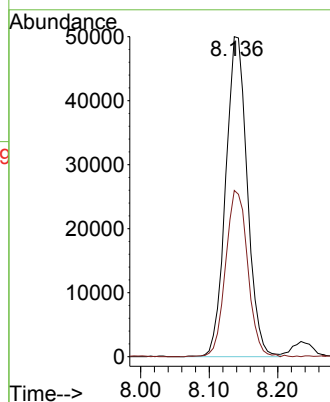
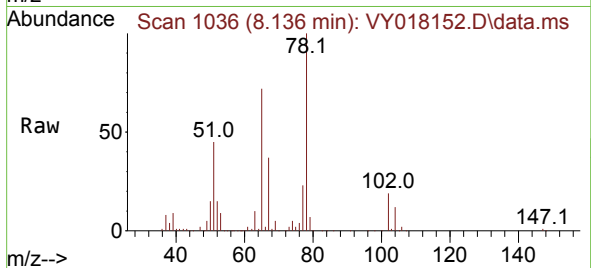
ClientSampleId :

Tgt Ion: 65 Resp: 109227

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

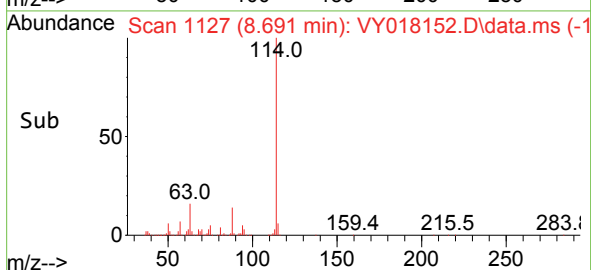
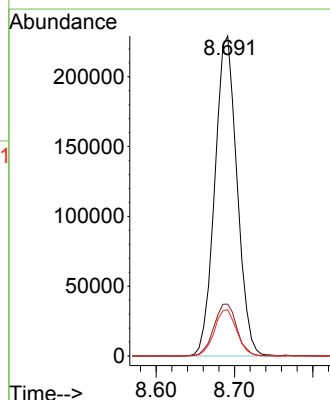
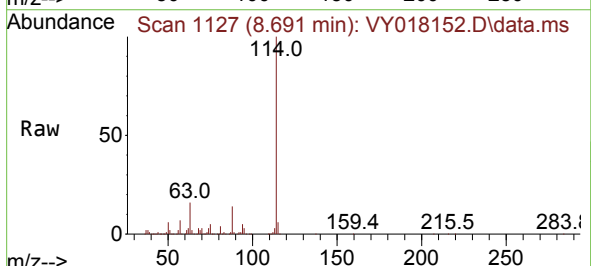
Tgt Ion:114 Resp: 451554

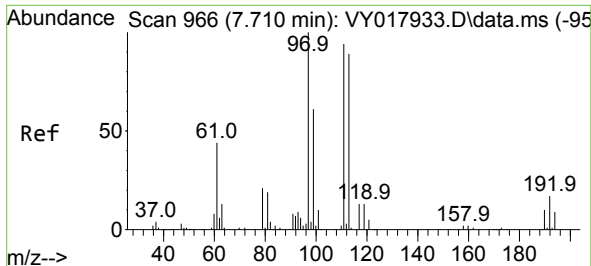
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.4 0.0 27.2

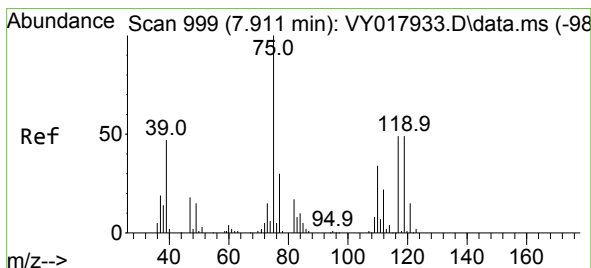
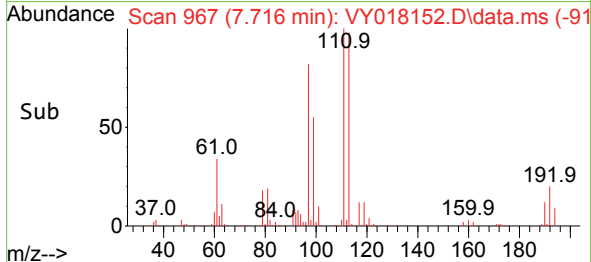
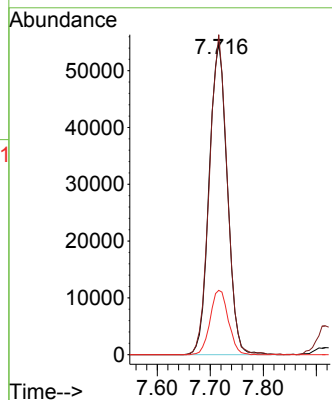
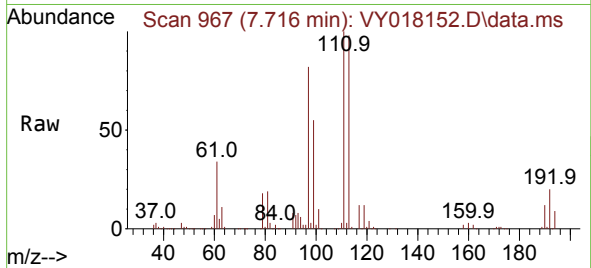




#35
Dibromofluoromethane
Concen: 50.167 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

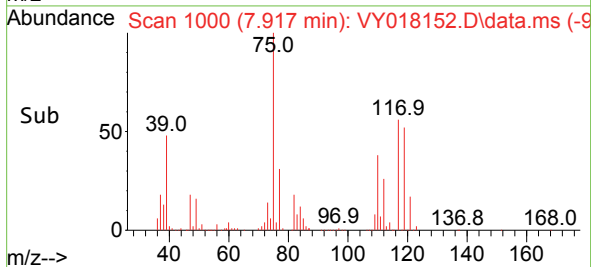
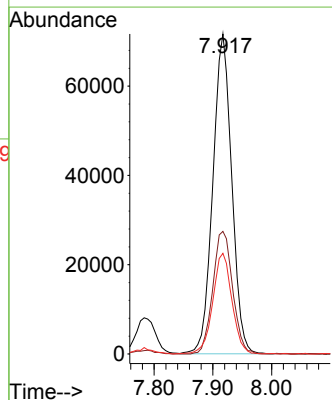
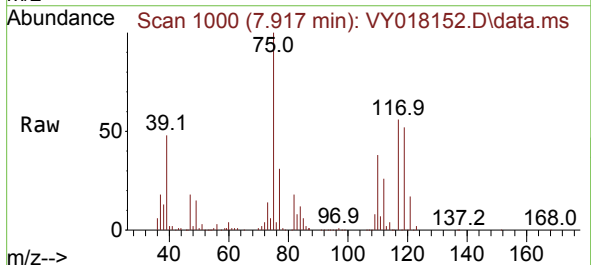
Instrument :
MSVOA_Y
ClientSampleId :

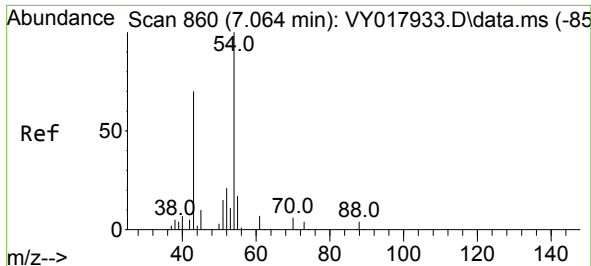
Tgt Ion:113 Resp: 130181
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.159 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 75 Resp: 159891
Ion Ratio Lower Upper
75 100
110 40.2 19.0 57.0
77 32.0 25.3 37.9





#37

Ethyl Acetate

Concen: 45.395 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

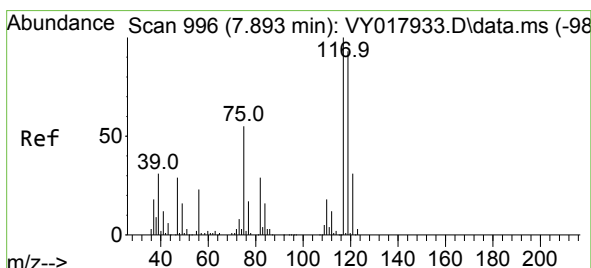
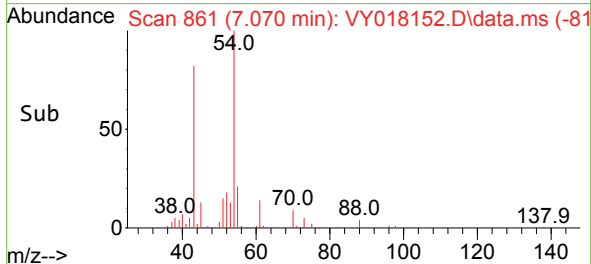
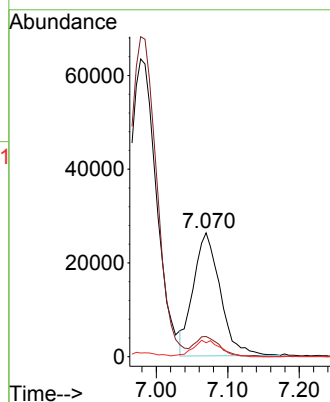
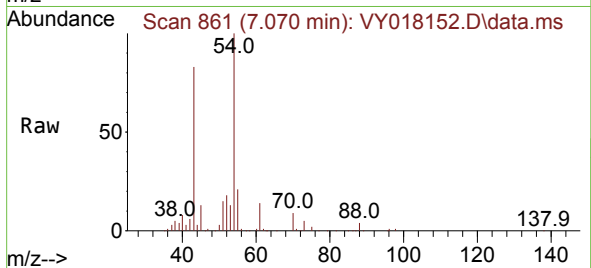
Tgt Ion: 43 Resp: 68428

Ion Ratio Lower Upper

43 100

61 13.9 12.6 19.0

70 13.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 44.886 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

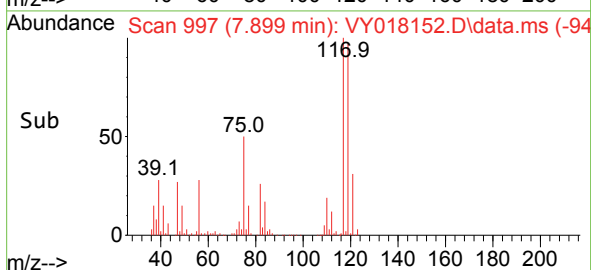
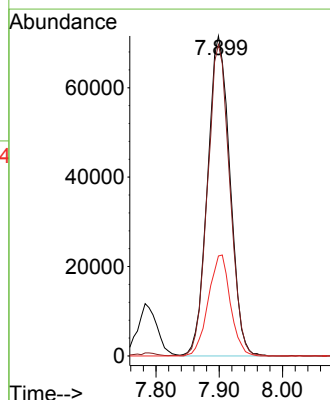
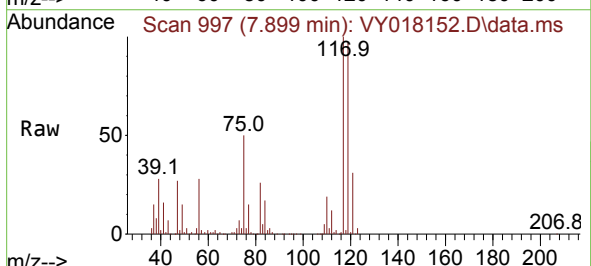
Tgt Ion:117 Resp: 176472

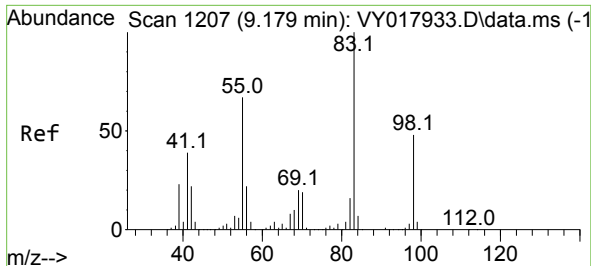
Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.6

121 31.3 24.0 36.0





#39

Methylcyclohexane

Concen: 43.664 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

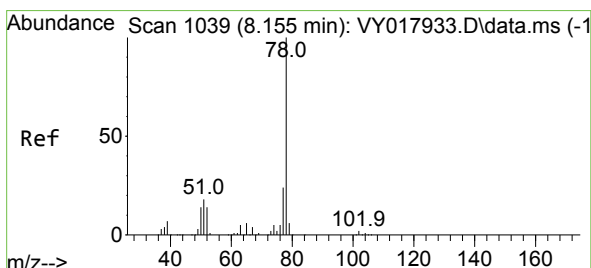
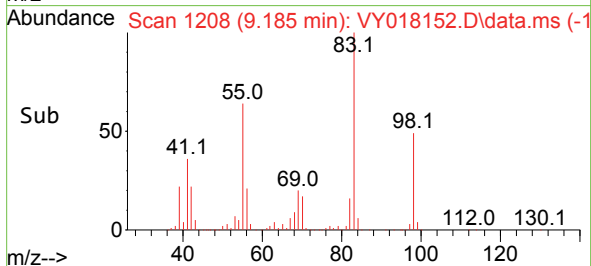
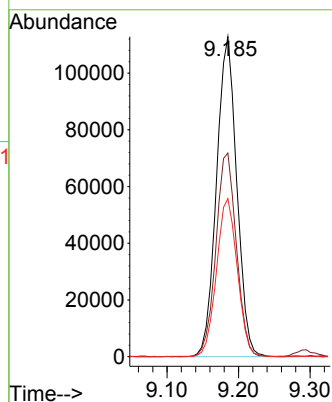
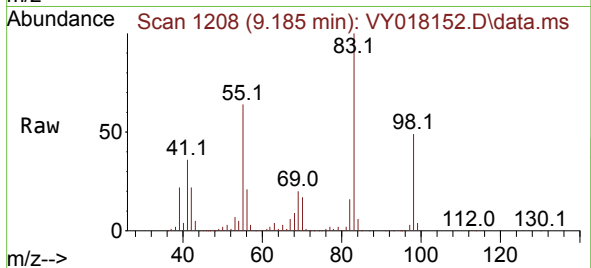
Tgt Ion: 83 Resp: 222151

Ion Ratio Lower Upper

83 100

55 63.5 51.5 77.3

98 49.4 40.5 60.7



#40

Benzene

Concen: 46.005 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY018152.D

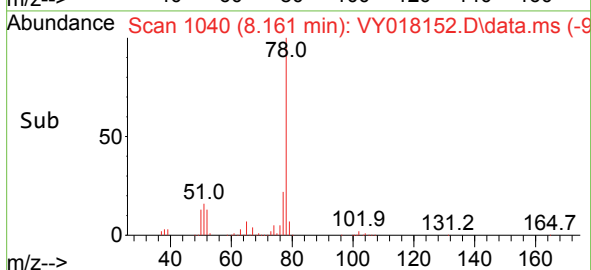
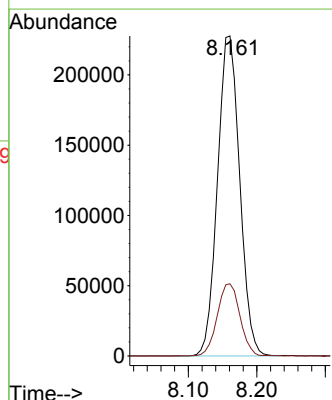
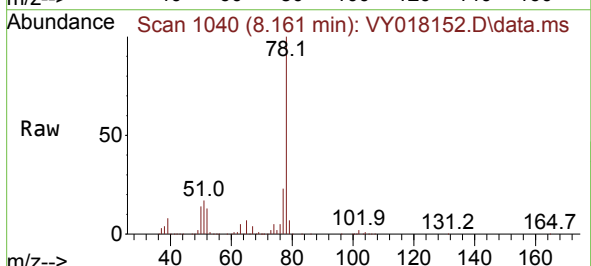
Acq: 06 May 2024 09:52

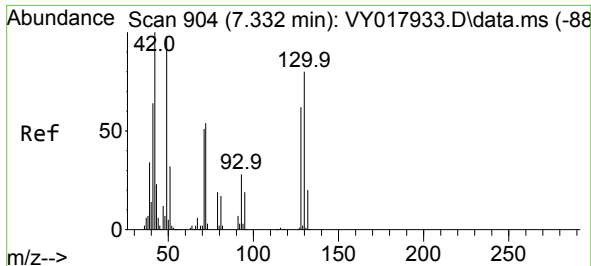
Tgt Ion: 78 Resp: 512065

Ion Ratio Lower Upper

78 100

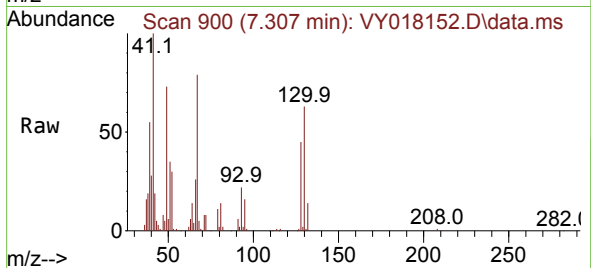
77 22.5 19.5 29.3



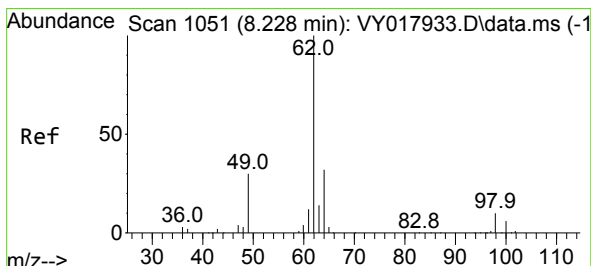
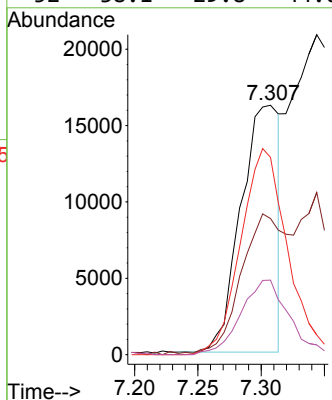
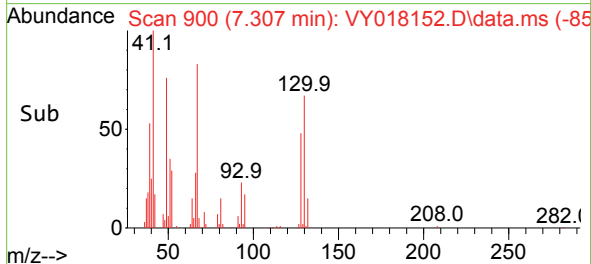


#41
Methacrylonitrile
Concen: 38.321 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.025 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

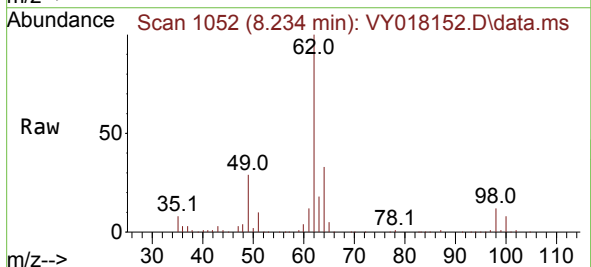
Instrument :
MSVOA_Y
ClientSampleId :



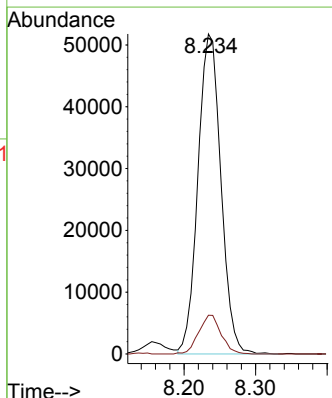
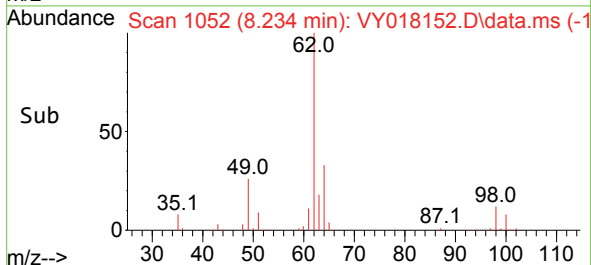
Tgt Ion:	41	Resp:	34065
Ion	Ratio	Lower	Upper
41	100		
39	71.4	48.0	72.0
67	102.4	75.1	112.7
52	38.1	29.8	44.6

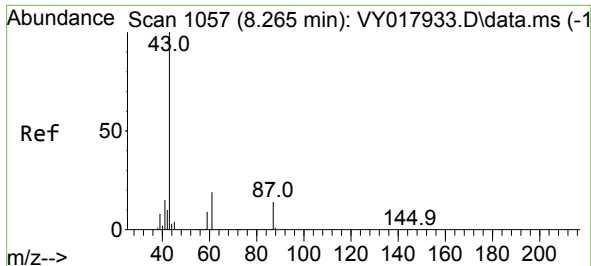


#42
1,2-Dichloroethane
Concen: 44.823 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52



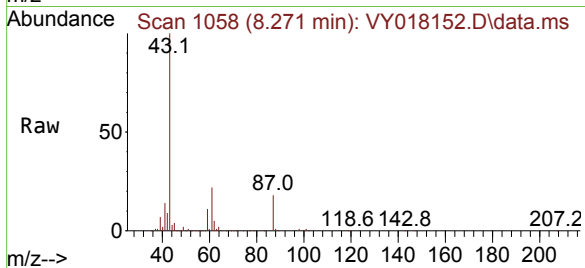
Tgt Ion:	62	Resp:	115583
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.0



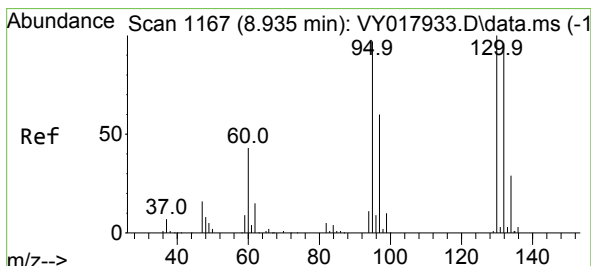
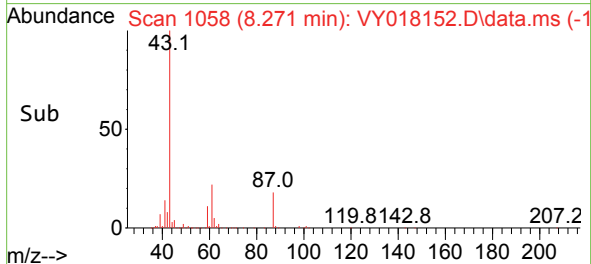
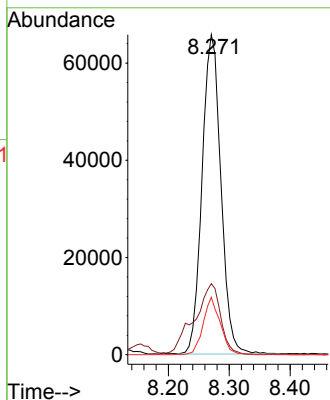


#43
Isopropyl Acetate
Concen: 44.640 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Instrument :
MSVOA_Y
ClientSampleId :

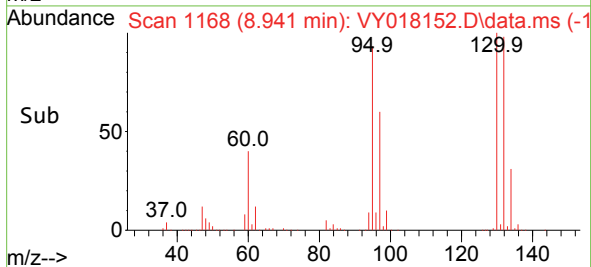
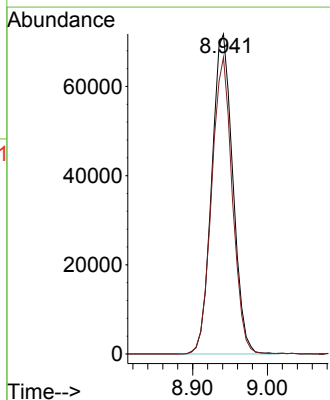
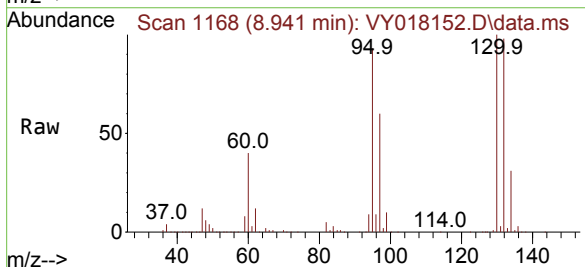


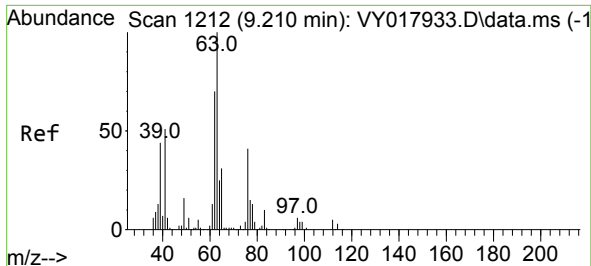
Tgt Ion: 43 Resp: 141370
Ion Ratio Lower Upper
43 100
61 31.3 27.9 41.9
87 16.4 13.1 19.7



#44
Trichloroethene
Concen: 44.441 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion:130 Resp: 140278
Ion Ratio Lower Upper
130 100
95 92.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.265 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

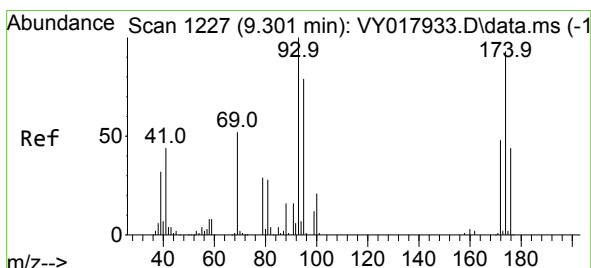
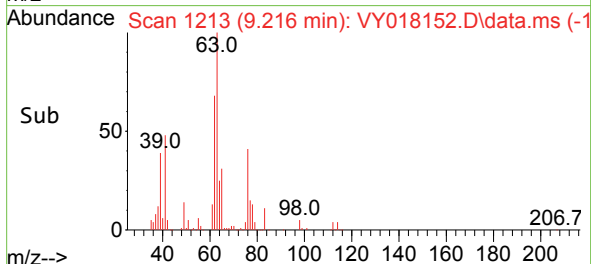
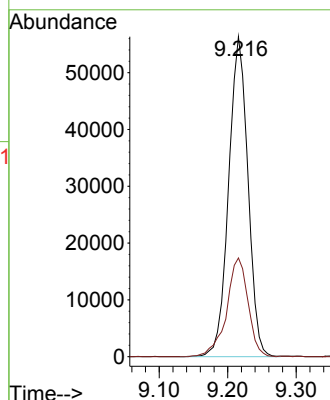
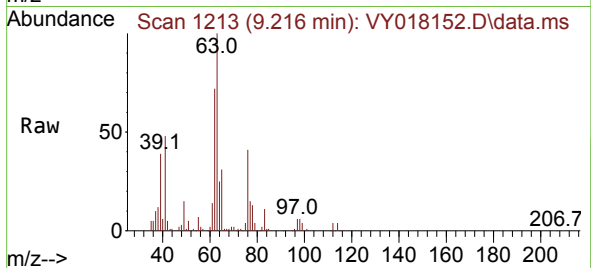
ClientSampleId :

Tgt Ion: 63 Resp: 109925

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 44.307 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

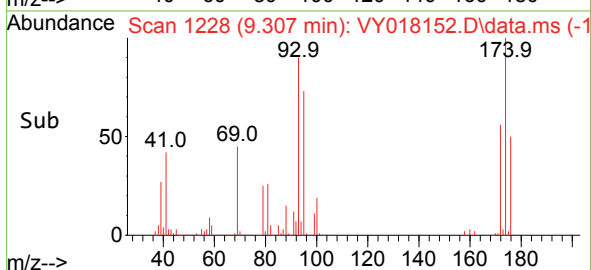
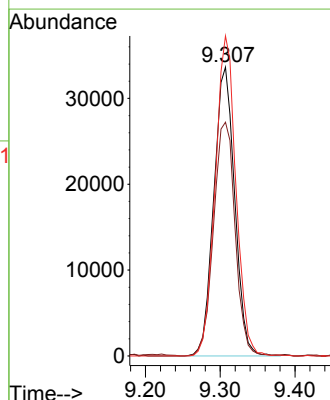
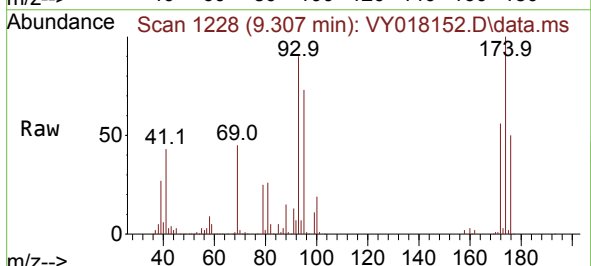
Tgt Ion: 93 Resp: 65419

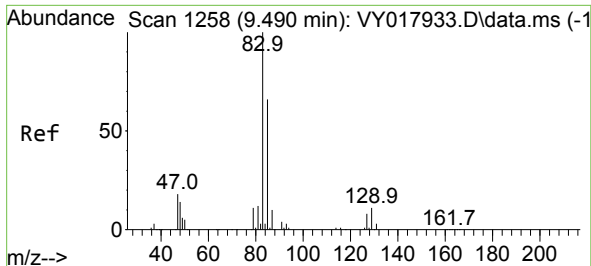
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 110.0 80.9 121.3

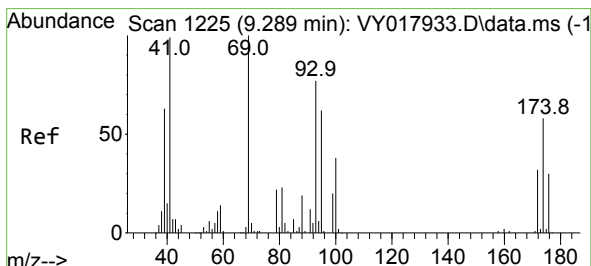
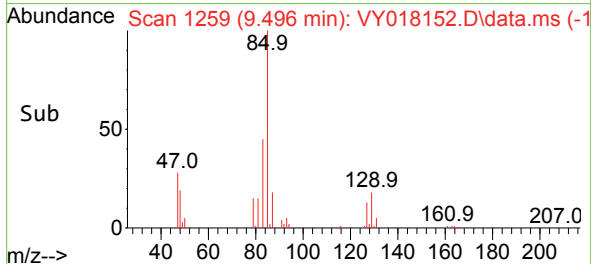
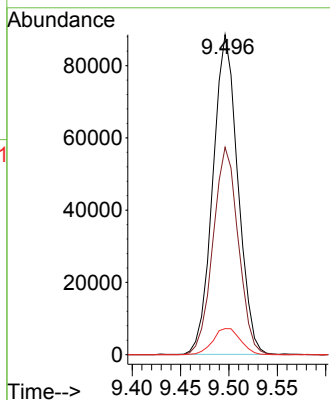
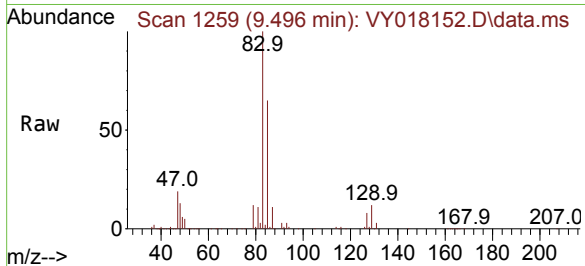




#47
Bromodichloromethane
Concen: 43.859 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

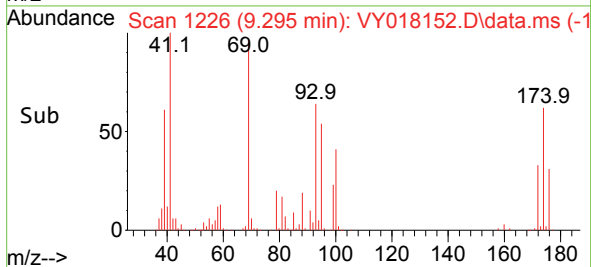
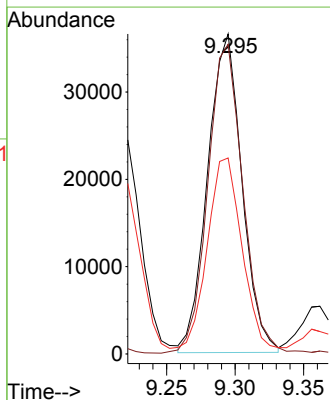
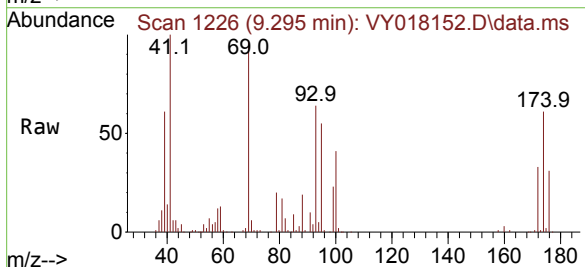
Instrument :
MSVOA_Y
ClientSampleId :

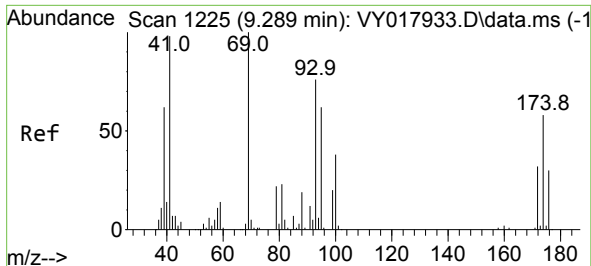
Tgt Ion: 83 Resp: 158978
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 43.923 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 41 Resp: 63674
Ion Ratio Lower Upper
41 100
69 98.6 84.1 126.1
39 60.2 43.6 65.4





#49

1,4-Dioxane

Concen: 981.926 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

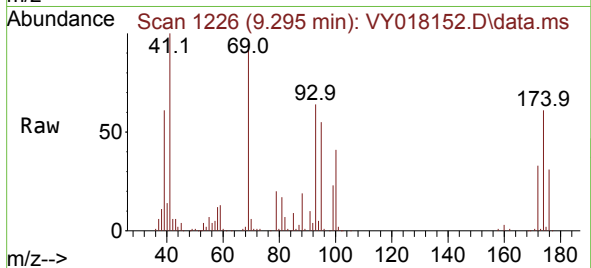
Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :



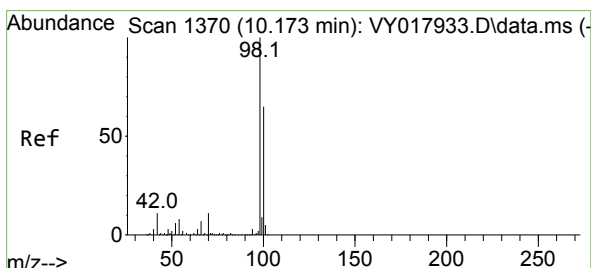
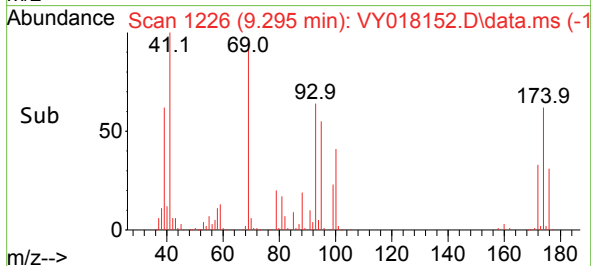
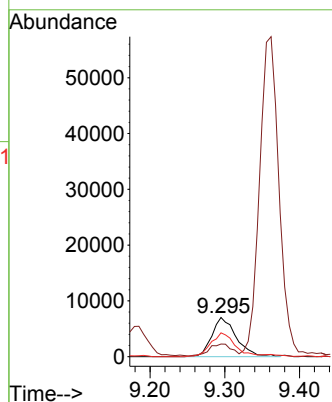
Tgt Ion: 88 Resp: 16085

Ion Ratio Lower Upper

88 100

43 27.9 0.0 0.0#

58 59.8 49.3 73.9



#50

Toluene-d8

Concen: 49.430 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018152.D

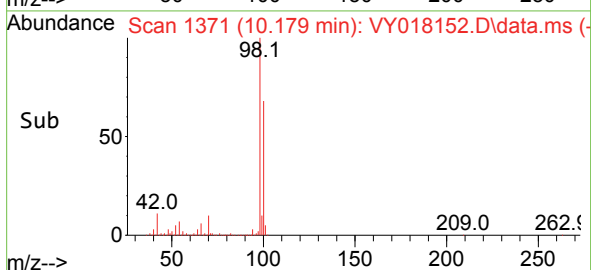
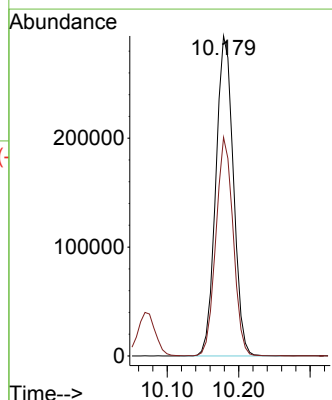
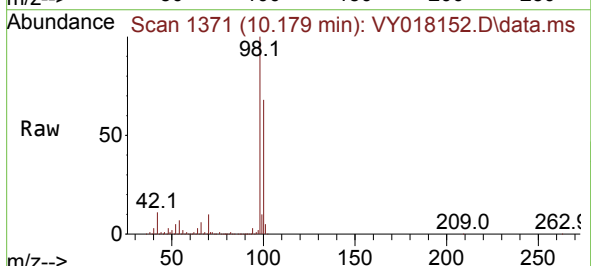
Acq: 06 May 2024 09:52

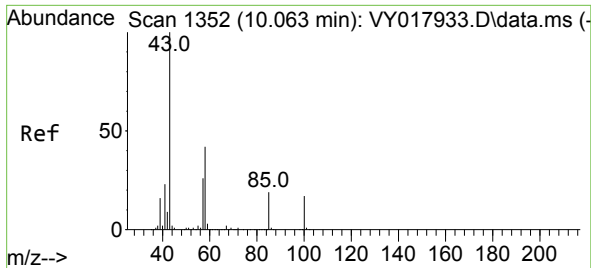
Tgt Ion: 98 Resp: 500745

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

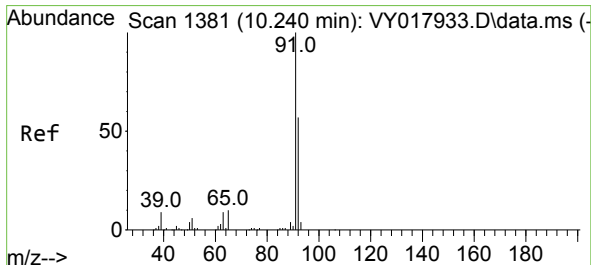
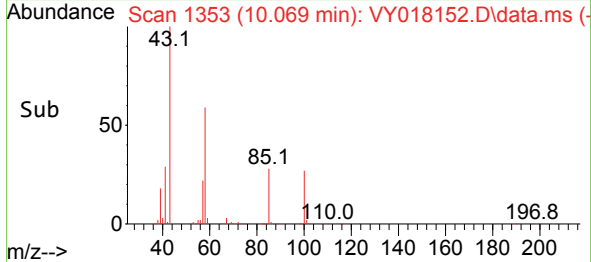
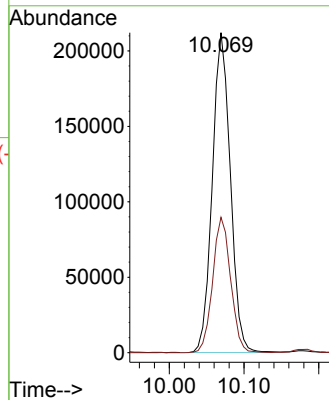
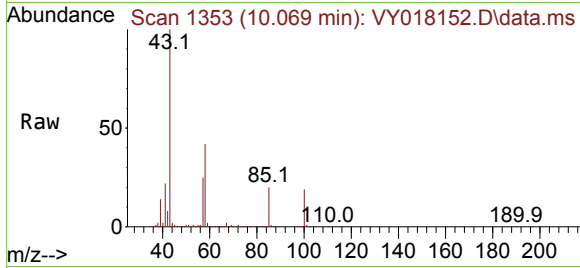




#51
4-Methyl-2-Pentanone
Concen: 229.661 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

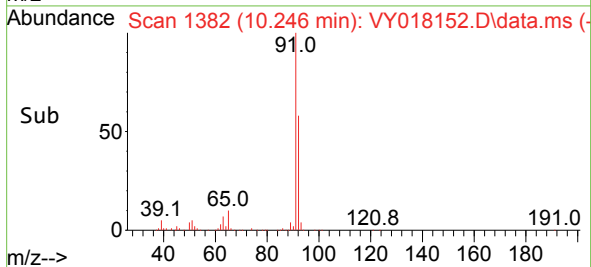
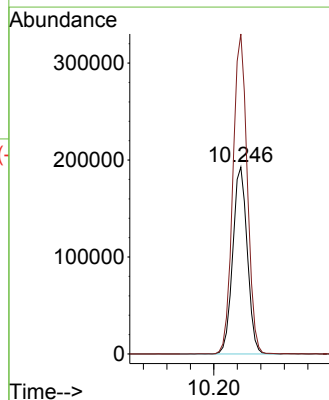
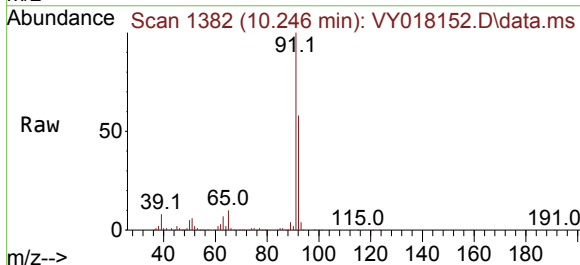
Instrument :
MSVOA_Y
ClientSampleId :

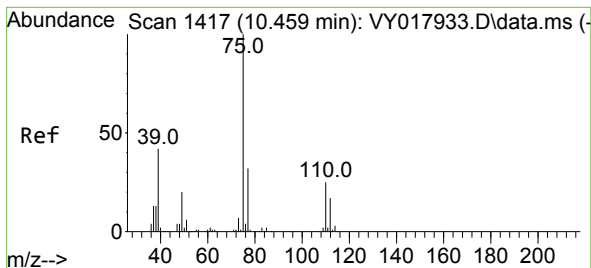
Tgt Ion: 43 Resp: 355222
Ion Ratio Lower Upper
43 100
58 42.3 35.7 53.5



#52
Toluene
Concen: 44.834 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 92 Resp: 330272
Ion Ratio Lower Upper
92 100
91 169.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 44.785 ug/l

RT: 10.465 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

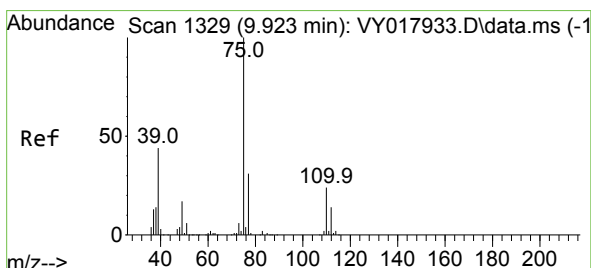
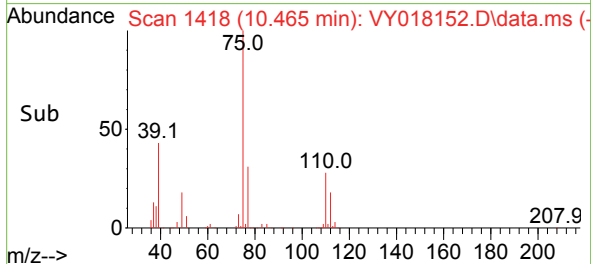
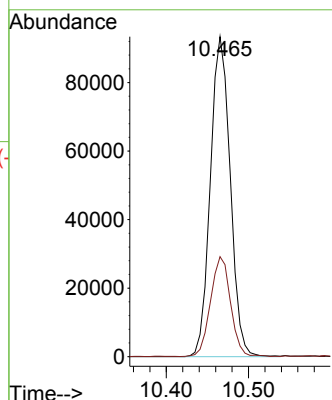
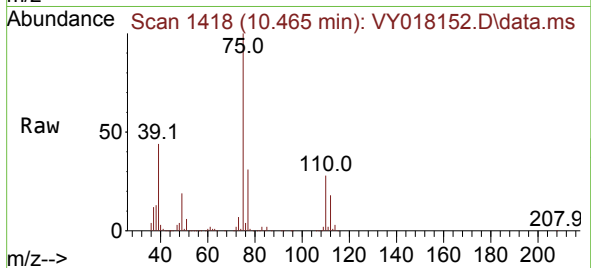
ClientSampleId :

Tgt Ion: 75 Resp: 156854

Ion Ratio Lower Upper

75 100

77 31.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 45.396 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

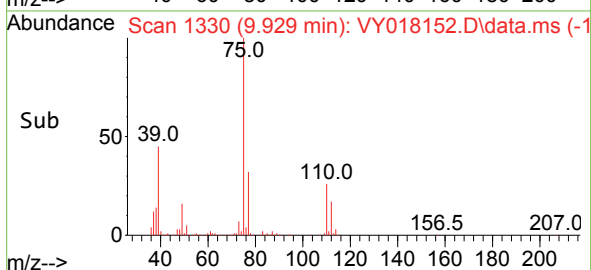
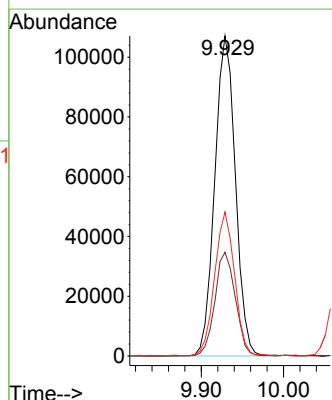
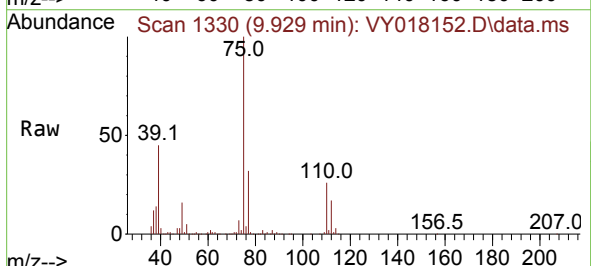
Tgt Ion: 75 Resp: 186784

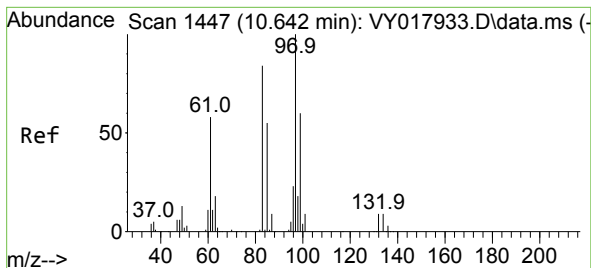
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 44.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 45.009 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 89382

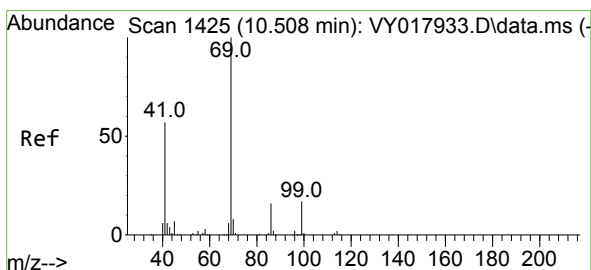
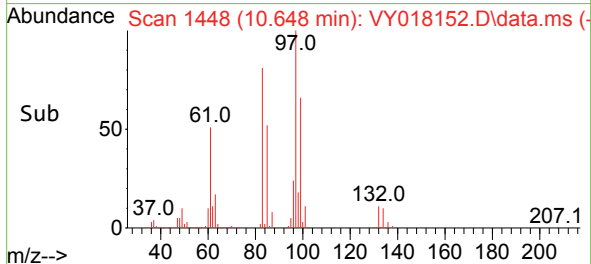
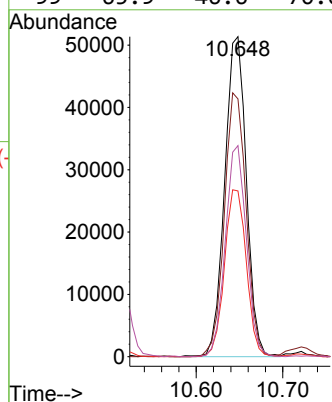
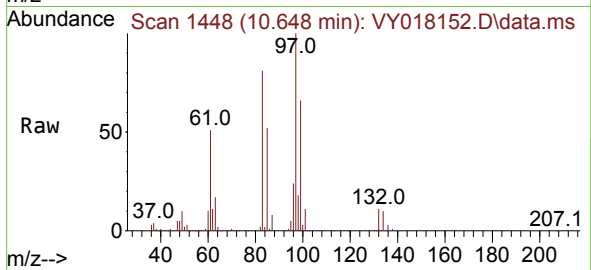
Ion Ratio Lower Upper

97 100

83 80.5 67.5 101.3

85 51.8 42.9 64.3

99 65.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 44.026 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

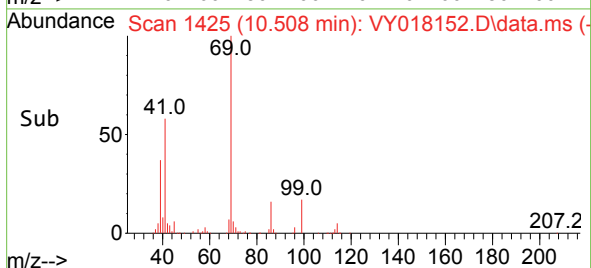
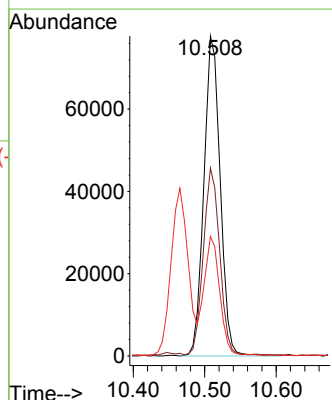
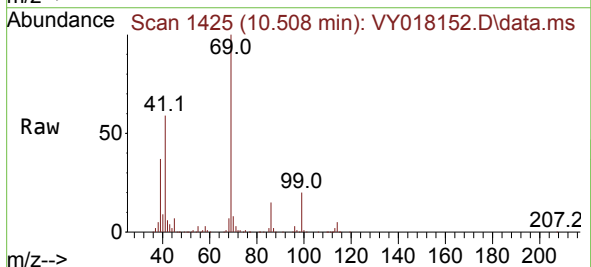
Tgt Ion: 69 Resp: 123614

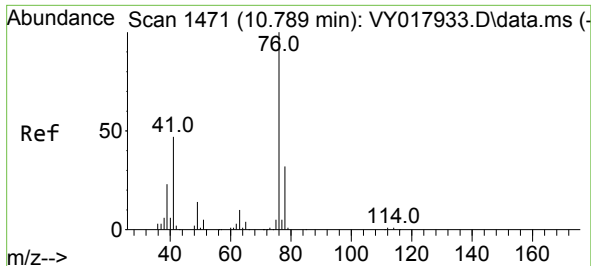
Ion Ratio Lower Upper

69 100

41 58.1 42.3 63.5

39 35.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 45.626 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

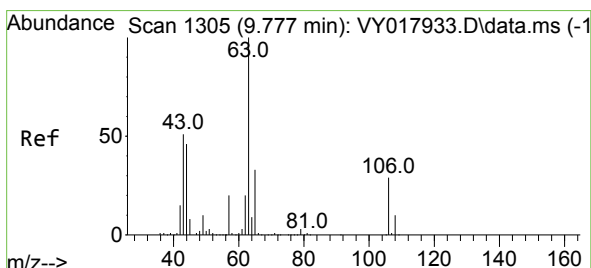
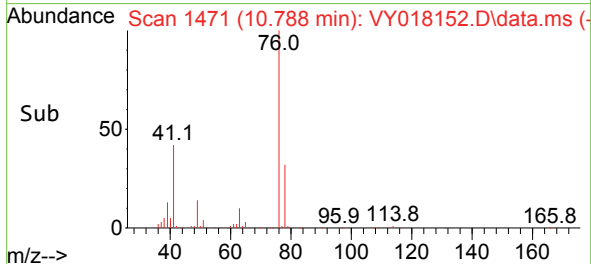
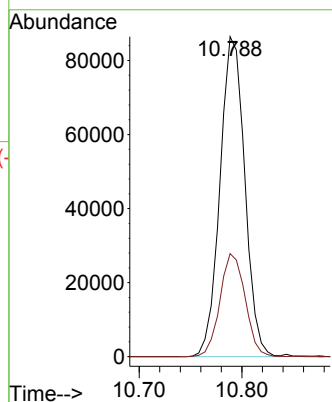
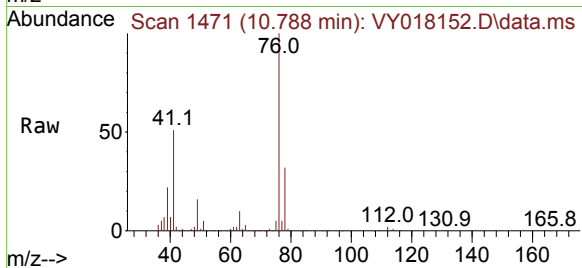
ClientSampleId :

Tgt Ion: 76 Resp: 144753

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 249.770 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY018152.D

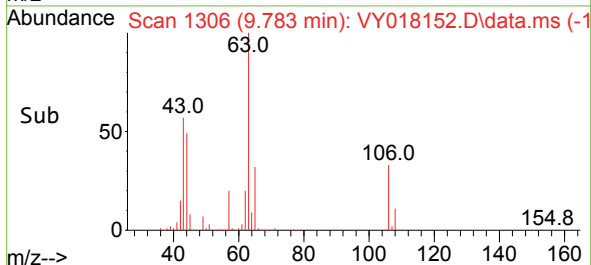
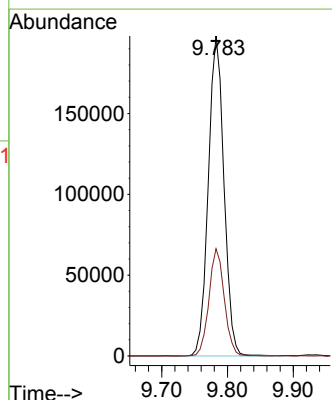
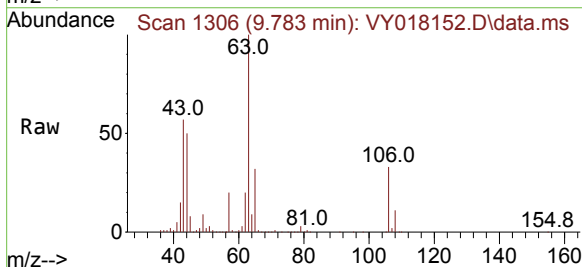
Acq: 06 May 2024 09:52

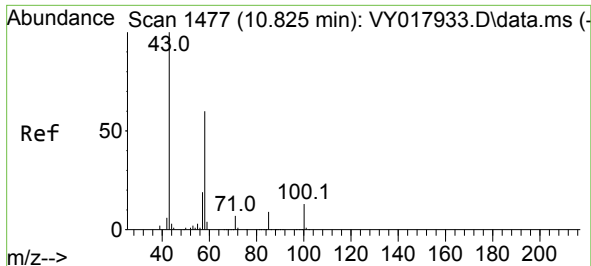
Tgt Ion: 63 Resp: 327369

Ion Ratio Lower Upper

63 100

106 32.8 23.7 35.5

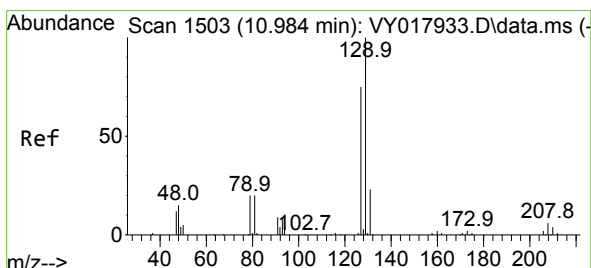
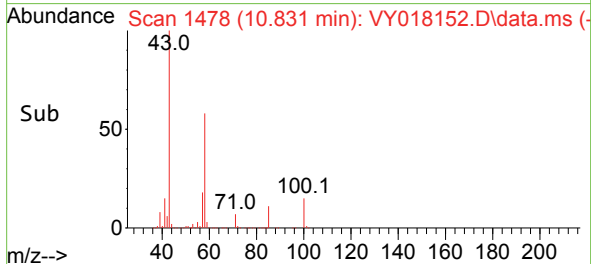
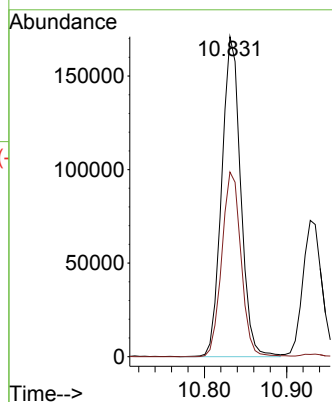
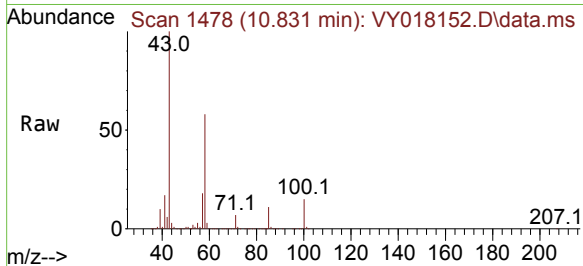




#59
2-Hexanone
Concen: 248.263 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

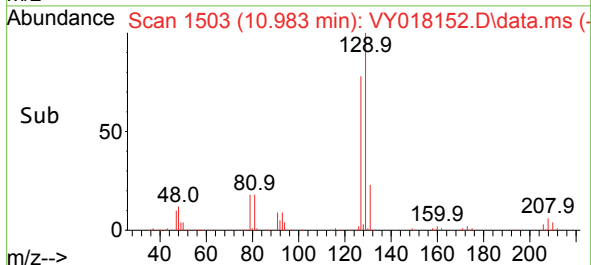
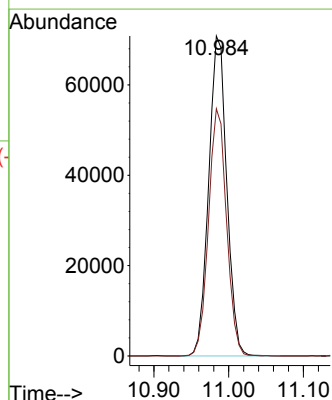
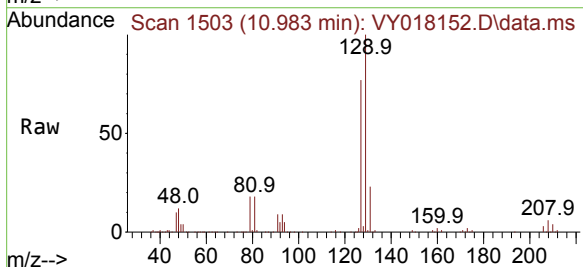
Instrument :
MSVOA_Y
ClientSampleId :

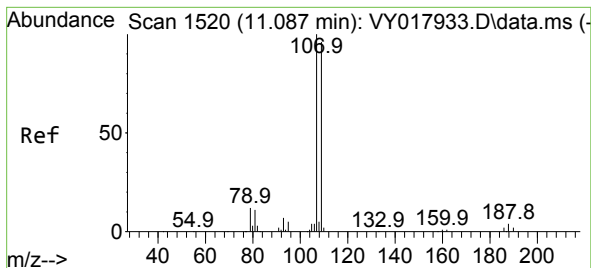
Tgt Ion: 43 Resp: 274067
Ion Ratio Lower Upper
43 100
58 58.5 31.4 94.0



#60
Dibromochloromethane
Concen: 44.095 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion:129 Resp: 118936
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 44.627 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

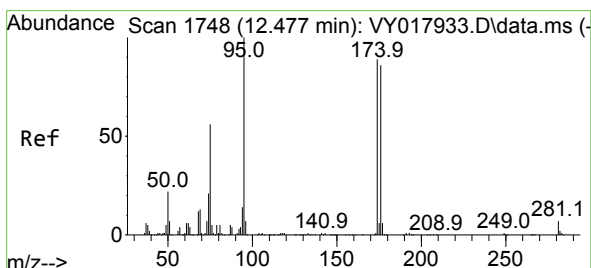
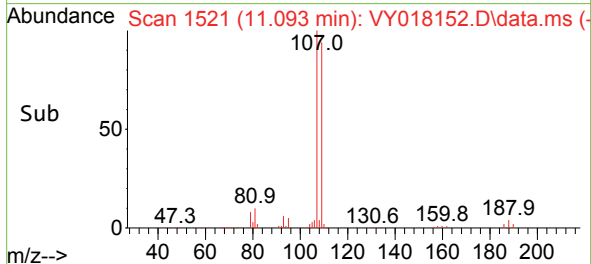
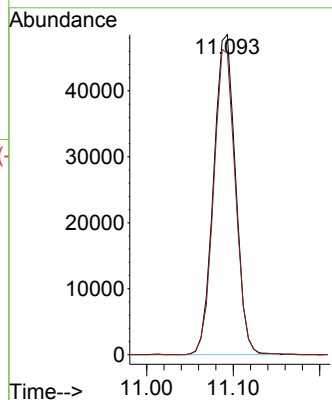
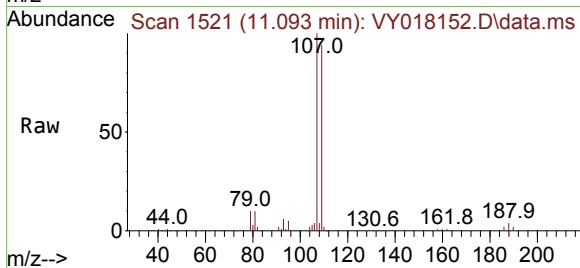
ClientSampleId :

Tgt Ion:107 Resp: 84923

Ion Ratio Lower Upper

107 100

109 95.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 45.947 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

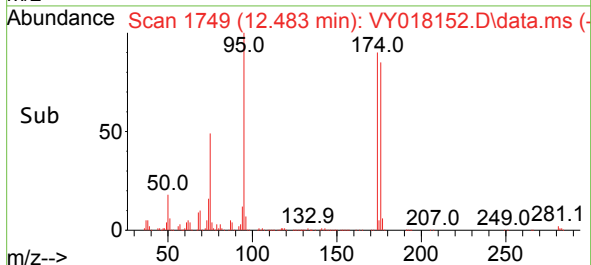
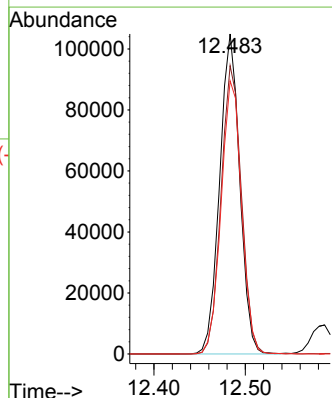
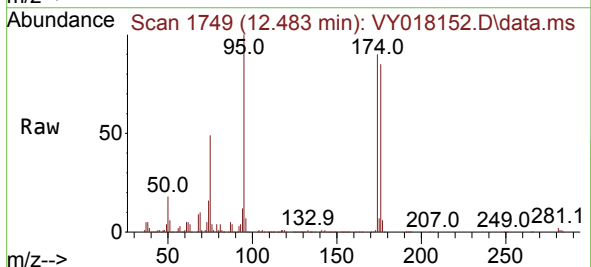
Tgt Ion: 95 Resp: 160187

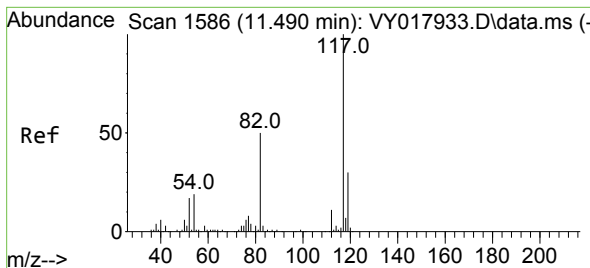
Ion Ratio Lower Upper

95 100

174 91.5 0.0 175.6

176 87.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

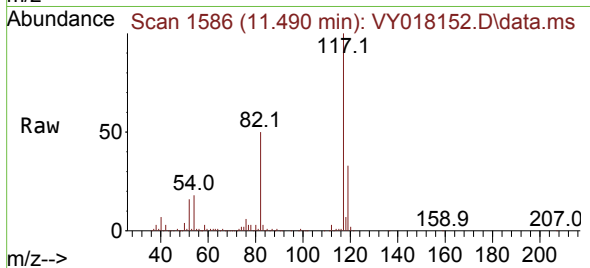
Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :



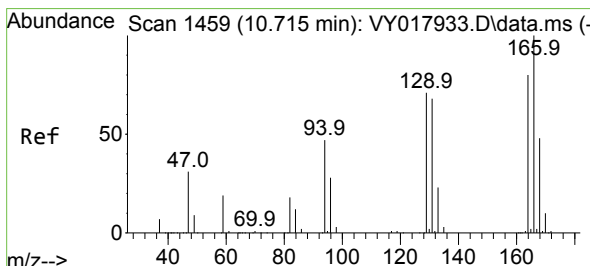
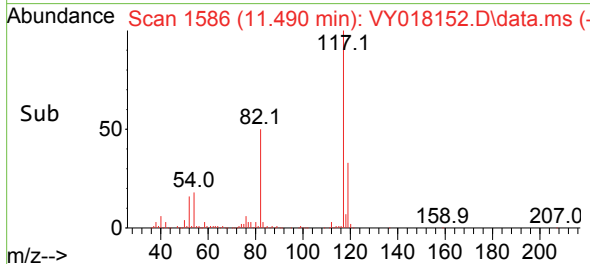
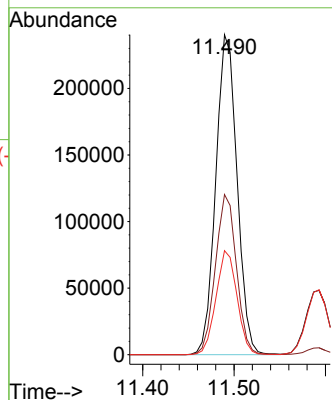
Tgt Ion:117 Resp: 389417

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 44.106 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Tgt Ion:164 Resp: 124328

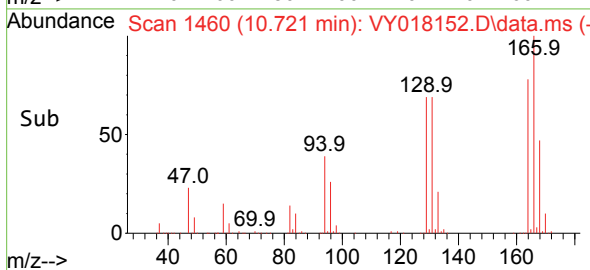
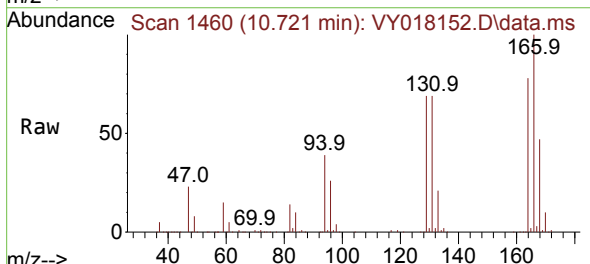
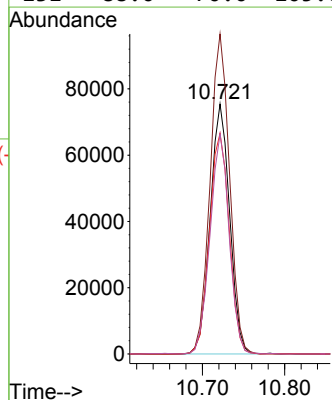
Ion Ratio Lower Upper

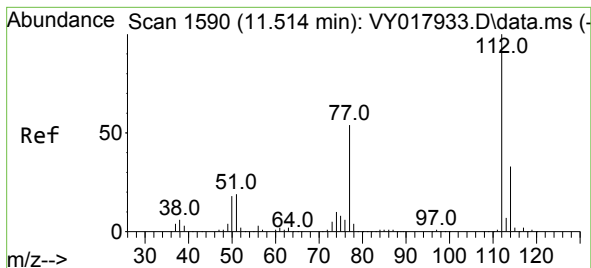
164 100

166 128.0 102.6 154.0

129 88.3 72.0 108.0

131 88.0 70.0 105.0





#65

Chlorobenzene

Concen: 44.660 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

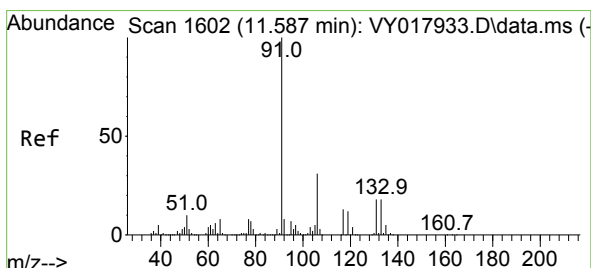
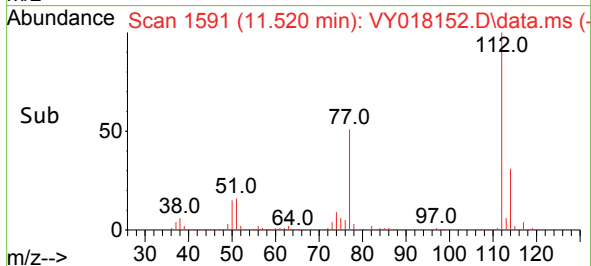
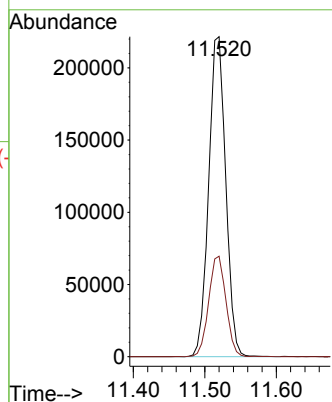
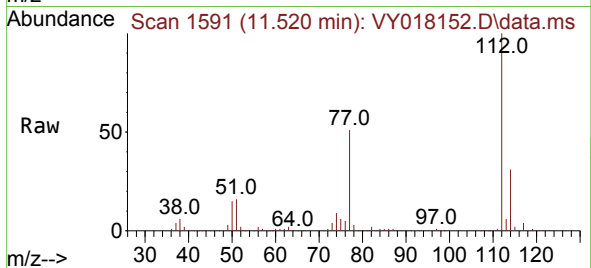
ClientSampleId :

Tgt Ion:112 Resp: 367074

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 43.993 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

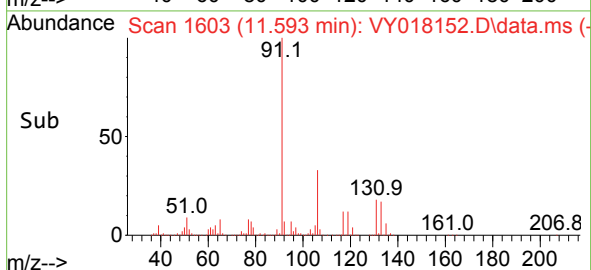
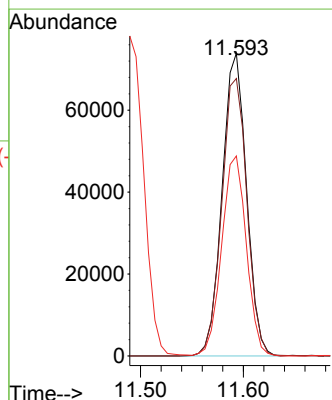
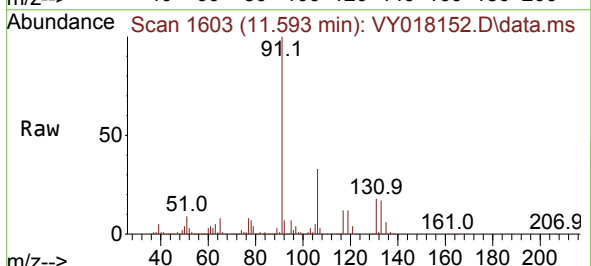
Tgt Ion:131 Resp: 121635

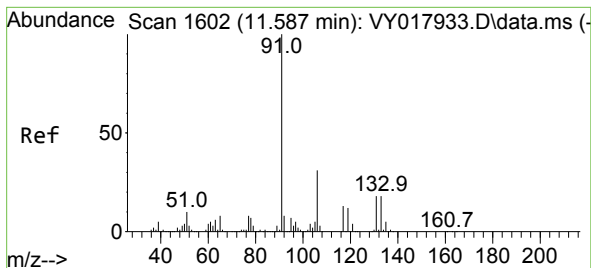
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 45.009 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

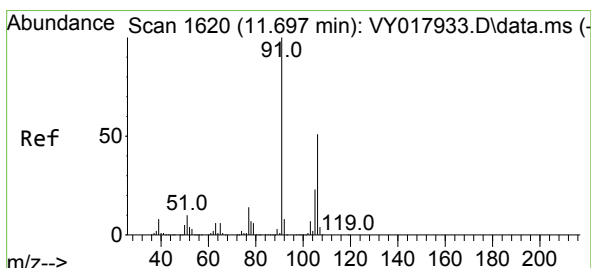
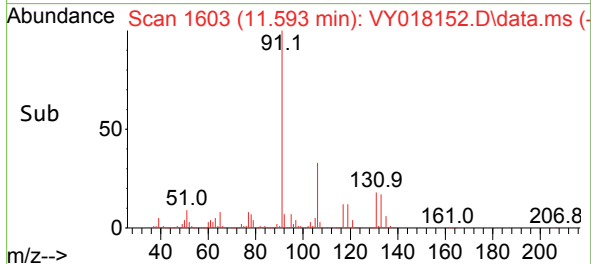
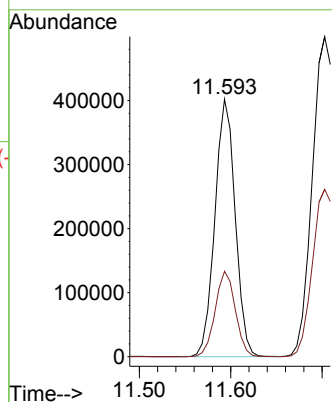
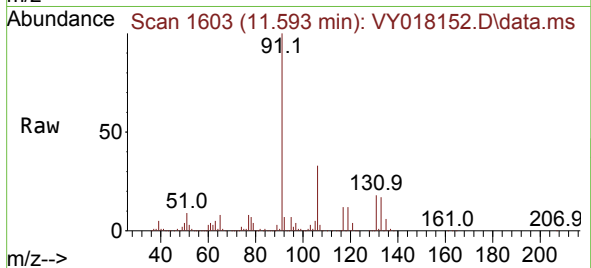
ClientSampleId :

Tgt Ion: 91 Resp: 620402

Ion Ratio Lower Upper

91 100

106 33.1 24.5 36.7



#68

m/p-Xylenes

Concen: 89.206 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018152.D

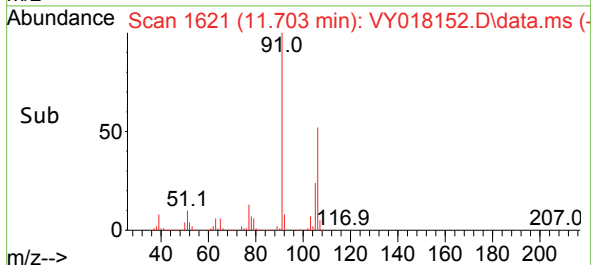
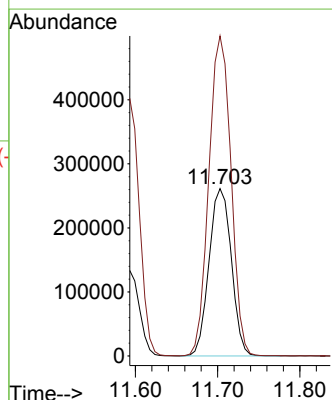
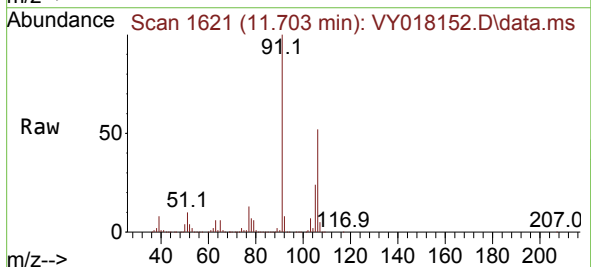
Acq: 06 May 2024 09:52

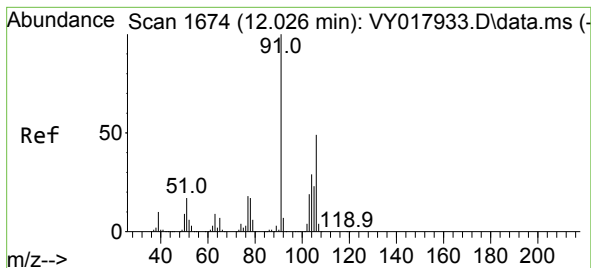
Tgt Ion:106 Resp: 492689

Ion Ratio Lower Upper

106 100

91 189.9 156.0 234.0





#69

o-Xylene

Concen: 44.150 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

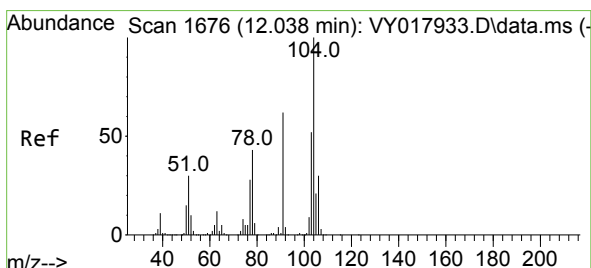
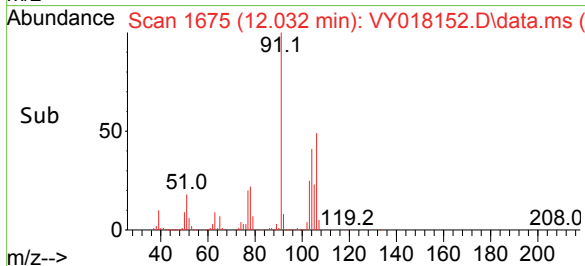
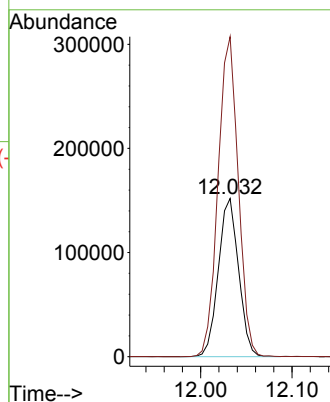
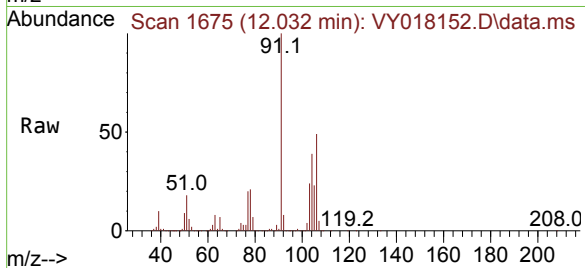
ClientSampleId :

Tgt Ion:106 Resp: 234251

Ion Ratio Lower Upper

106 100

91 201.8 103.6 310.8



#70

Styrene

Concen: 44.761 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

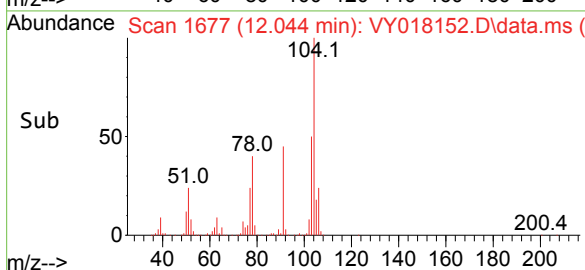
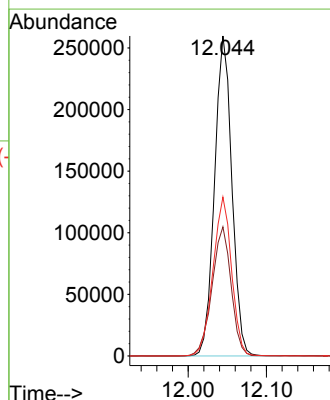
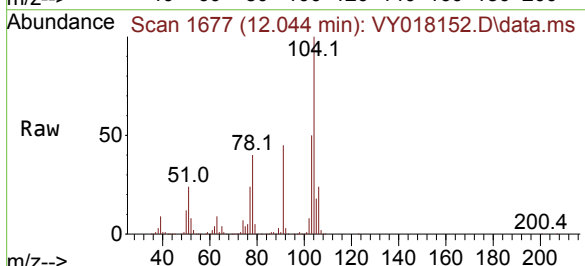
Tgt Ion:104 Resp: 399712

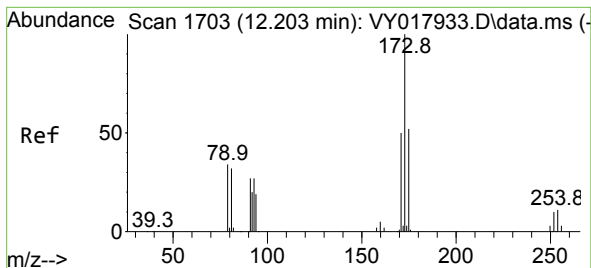
Ion Ratio Lower Upper

104 100

78 44.4 37.0 55.4

103 53.4 44.2 66.2





#71

Bromoform

Concen: 42.447 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

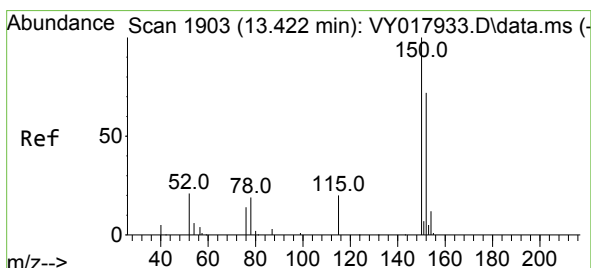
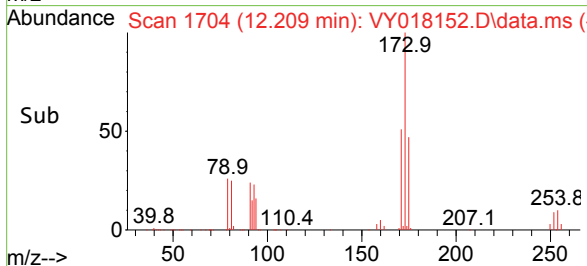
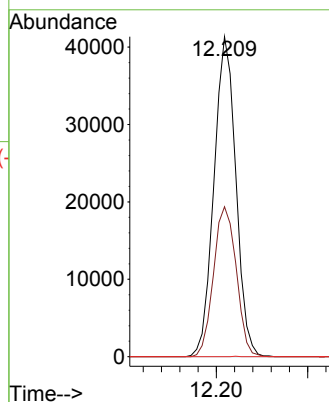
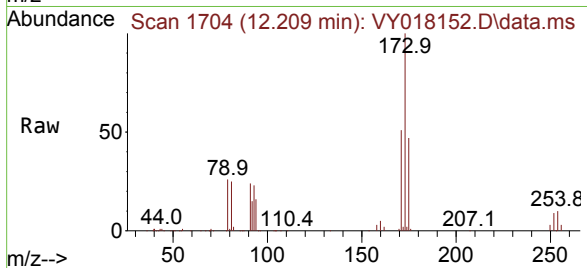
Tgt Ion:173 Resp: 68775

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

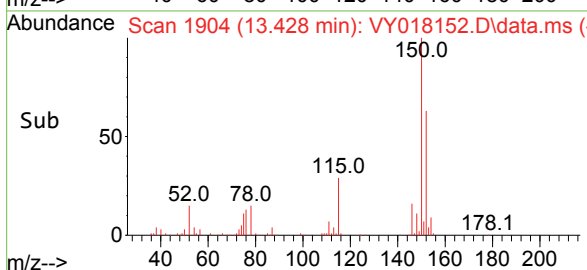
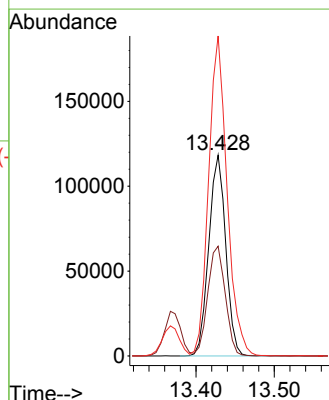
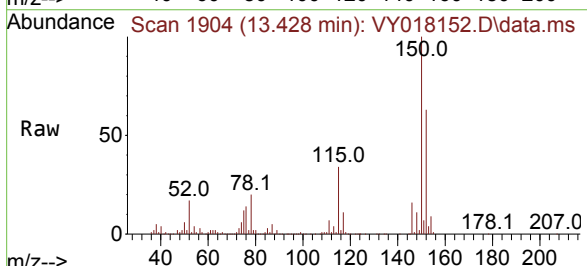
Tgt Ion:152 Resp: 177949

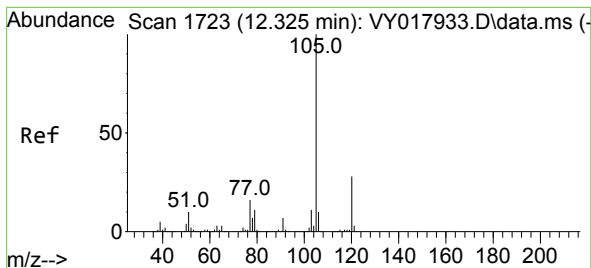
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 173.0 0.0 345.6





#73

Isopropylbenzene

Concen: 44.773 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

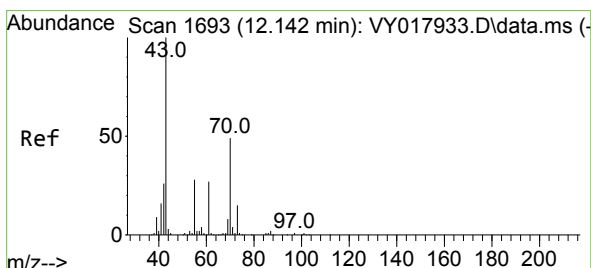
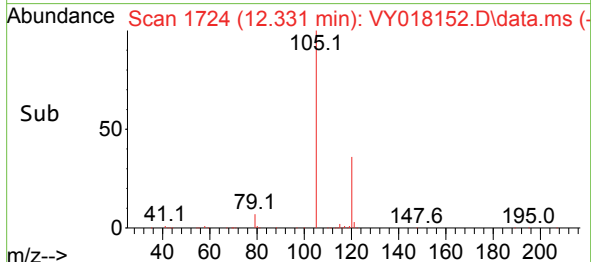
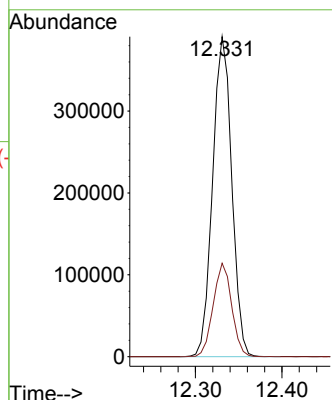
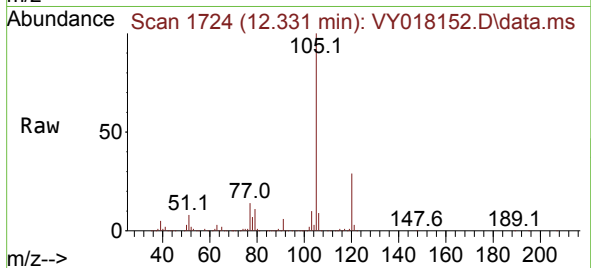
ClientSampleId :

Tgt Ion:105 Resp: 599650

Ion Ratio Lower Upper

105 100

120 28.2 13.4 40.1



#74

N-ethyl acetate

Concen: 43.677 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Tgt Ion: 43 Resp: 128389

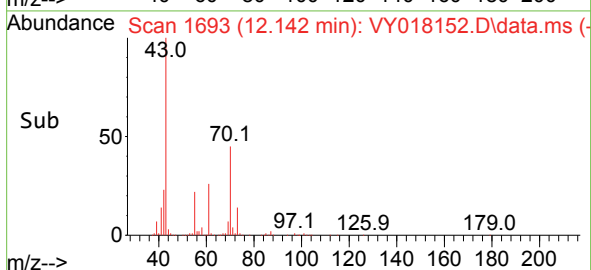
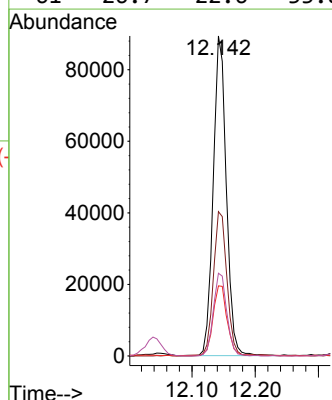
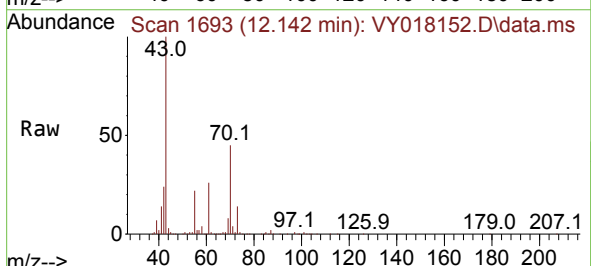
Ion Ratio Lower Upper

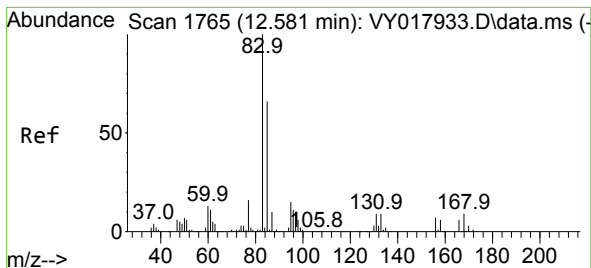
43 100

70 46.6 41.4 62.2

55 23.8 23.3 34.9

61 26.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.428 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

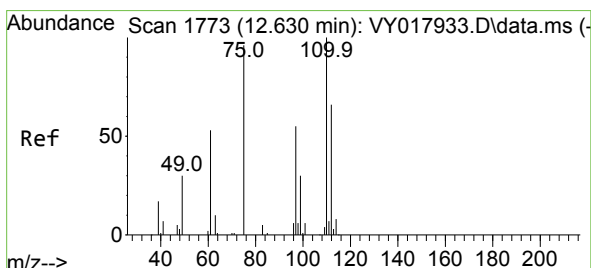
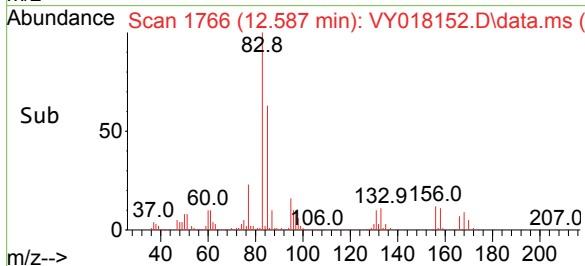
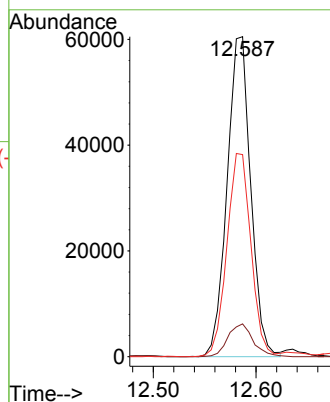
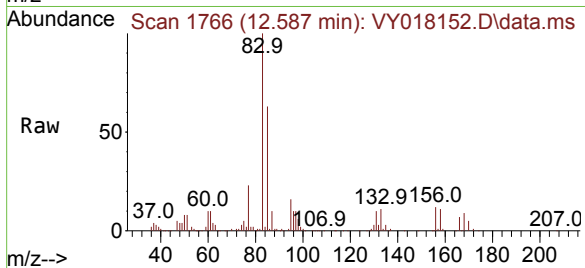
Tgt Ion: 83 Resp: 96811

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.866 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018152.D

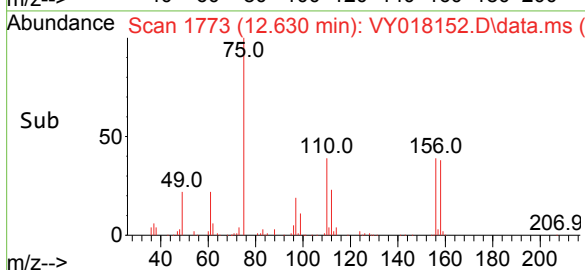
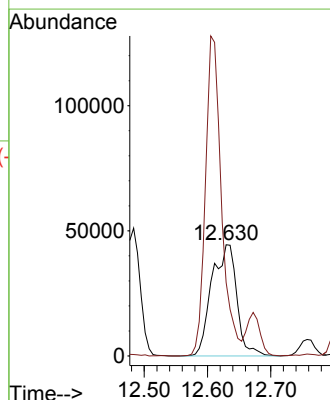
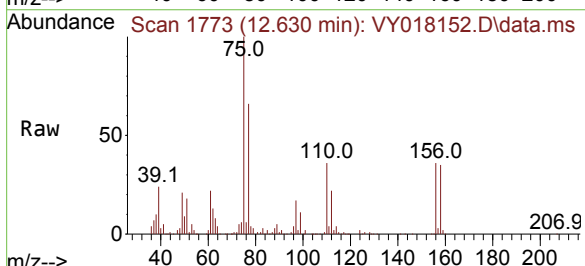
Acq: 06 May 2024 09:52

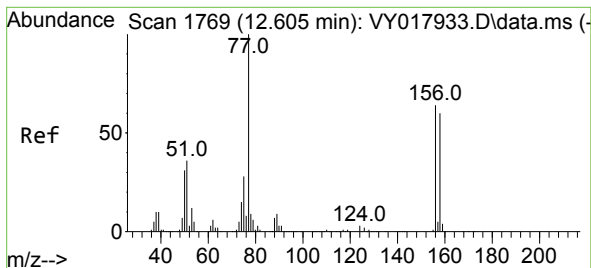
Tgt Ion: 75 Resp: 122262

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.767 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

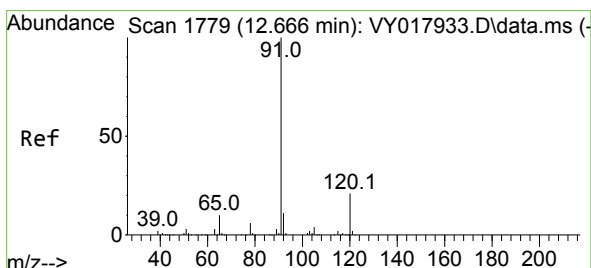
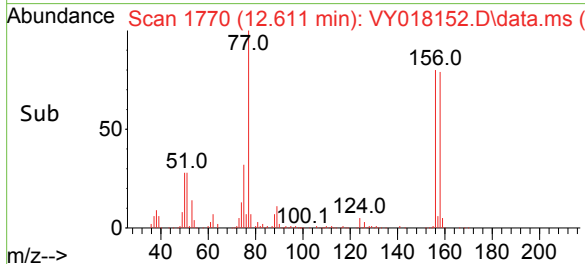
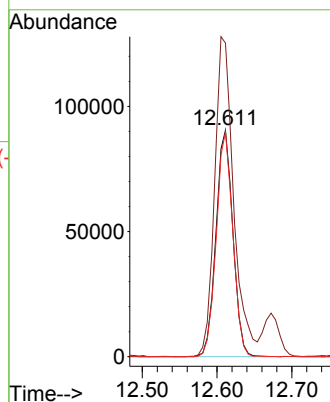
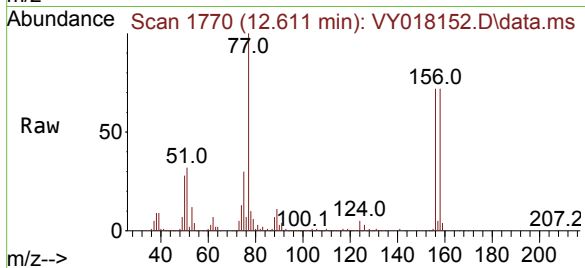
Tgt Ion:156 Resp: 142464

Ion Ratio Lower Upper

156 100

77 159.3 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 45.423 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018152.D

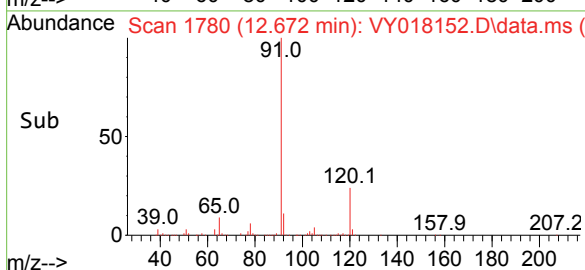
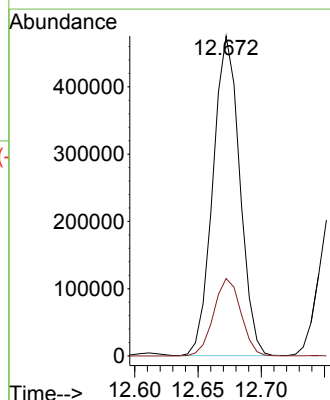
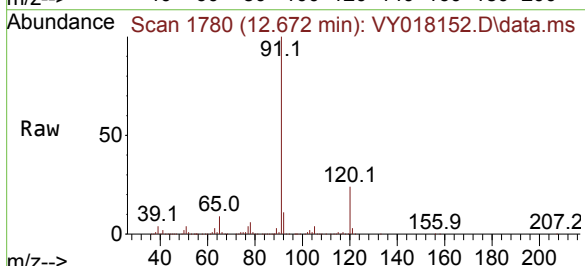
Acq: 06 May 2024 09:52

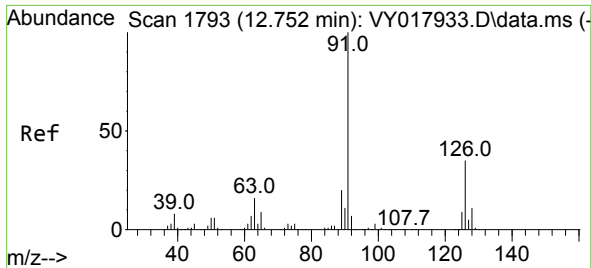
Tgt Ion: 91 Resp: 700536

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4

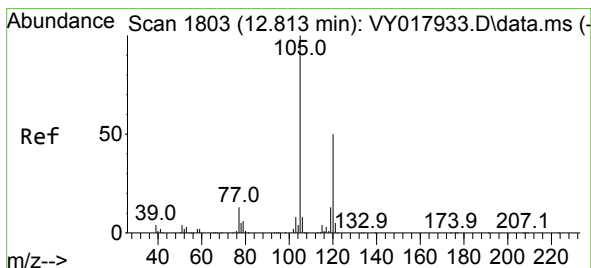
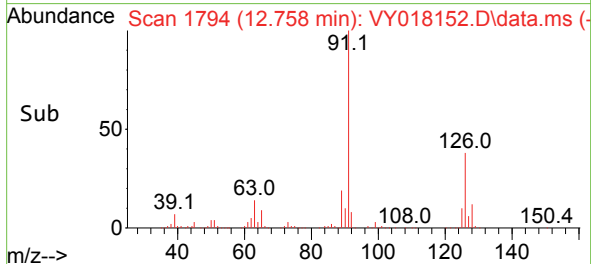
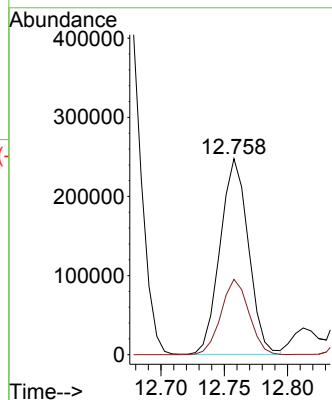
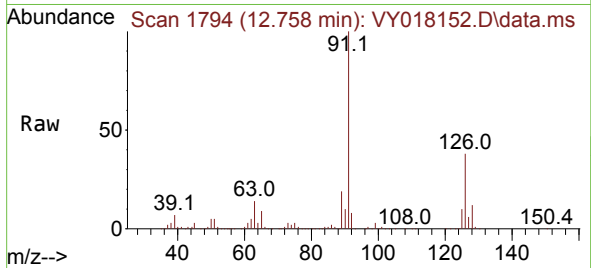




#79
2-Chlorotoluene
Concen: 44.053 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

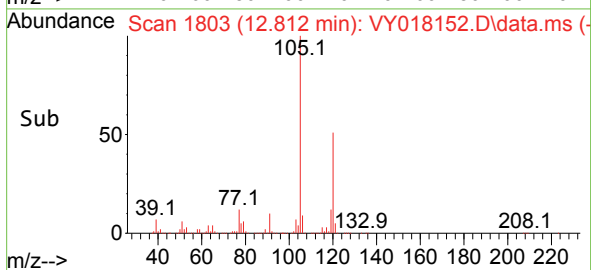
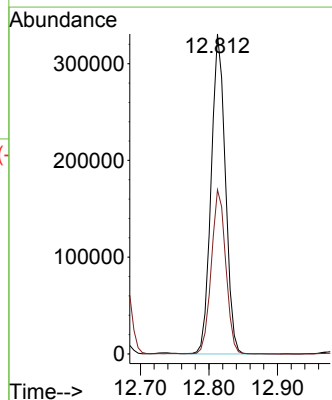
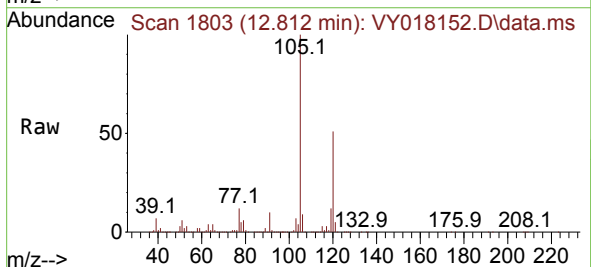
Instrument :
MSVOA_Y
ClientSampleId :

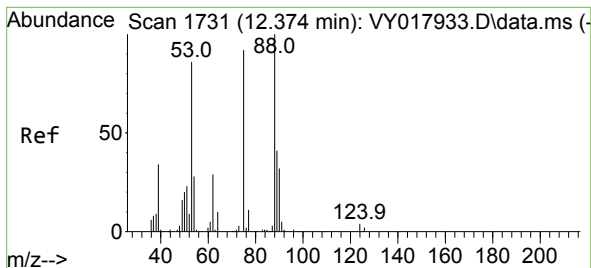
Tgt Ion: 91 Resp: 385861
Ion Ratio Lower Upper
91 100
126 38.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.172 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 105 Resp: 476800
Ion Ratio Lower Upper
105 100
120 51.9 25.1 75.2

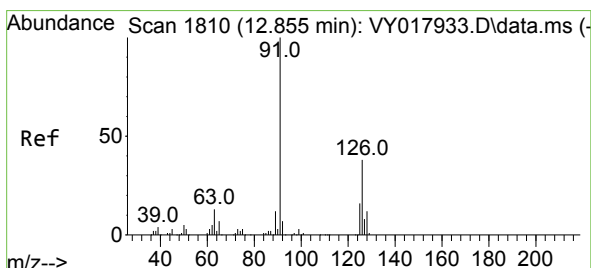
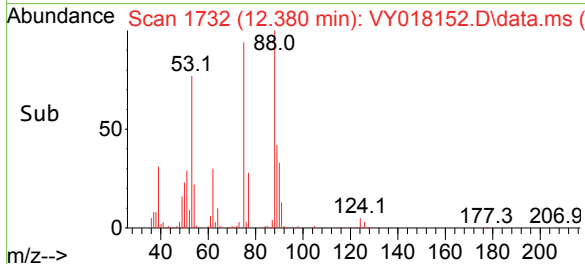
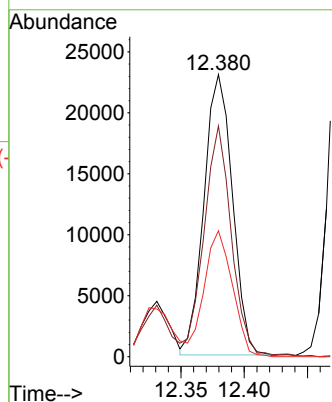
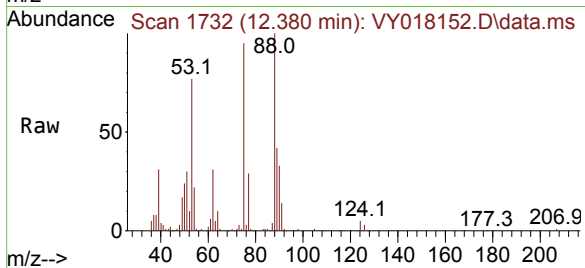




#81
trans-1,4-Dichloro-2-butene
Concen: 43.871 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

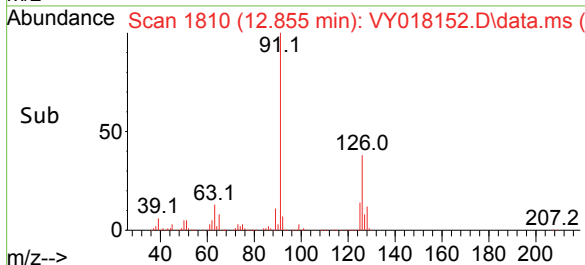
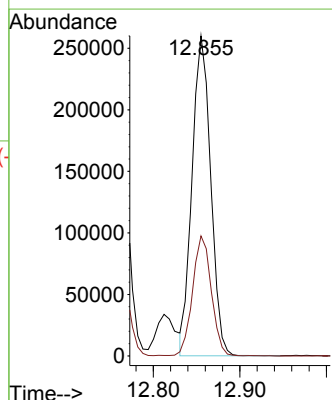
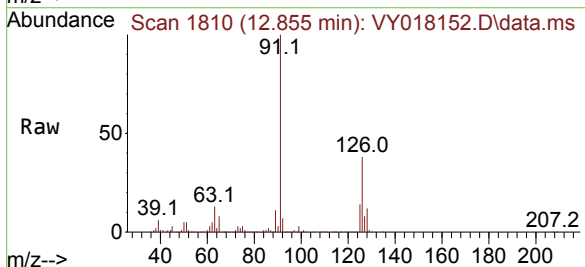
Instrument :
MSVOA_Y
ClientSampleId :

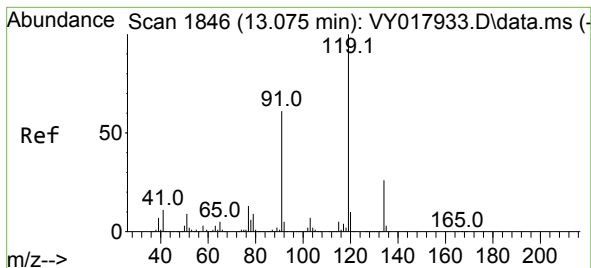
Tgt Ion: 75 Resp: 35964
Ion Ratio Lower Upper
75 100
53 80.1 66.8 100.2
89 44.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 43.249 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018152.D
Acq: 06 May 2024 09:52

Tgt Ion: 91 Resp: 388180
Ion Ratio Lower Upper
91 100
126 38.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 44.298 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

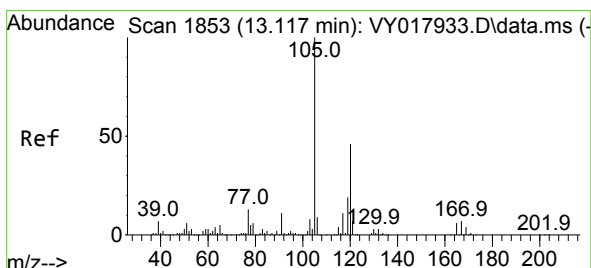
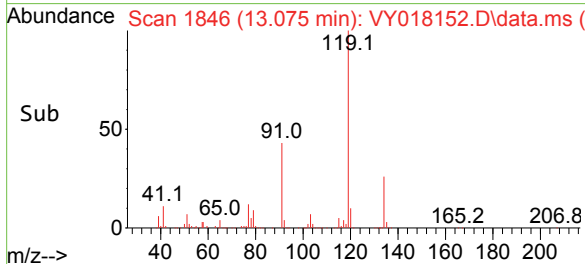
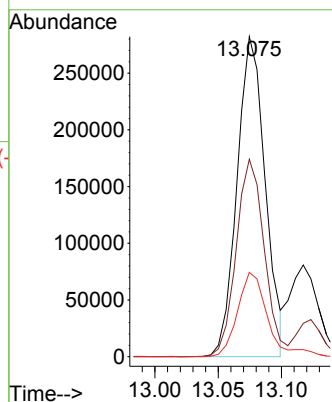
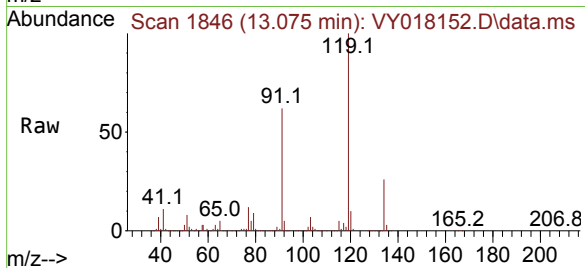
Tgt Ion:119 Resp: 437761

Ion Ratio Lower Upper

119 100

91 61.6 31.3 93.8

134 28.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.516 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018152.D

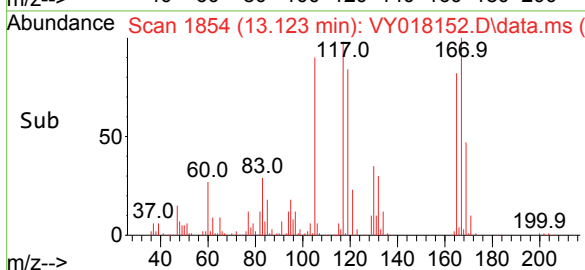
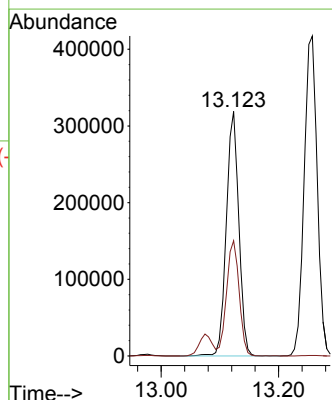
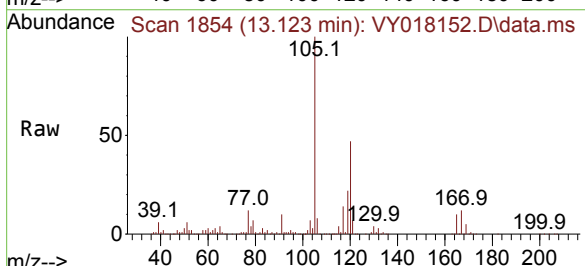
Acq: 06 May 2024 09:52

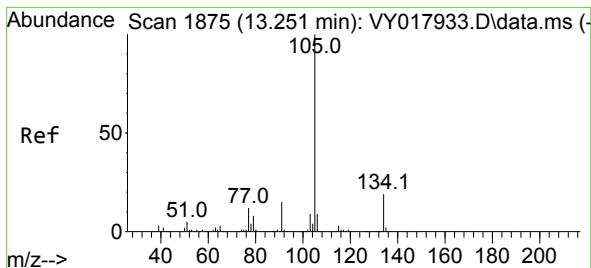
Tgt Ion:105 Resp: 470722

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.243 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

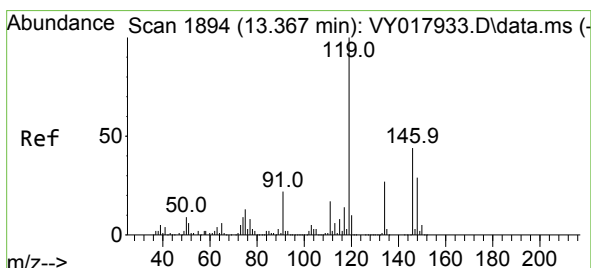
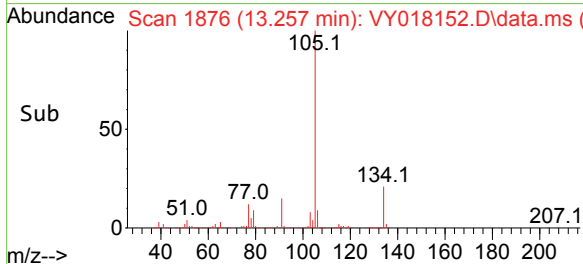
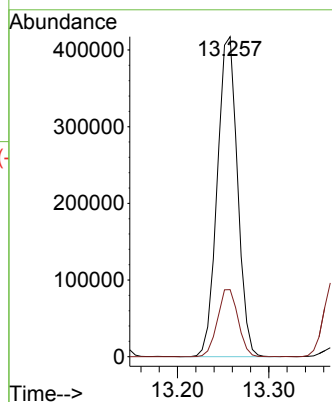
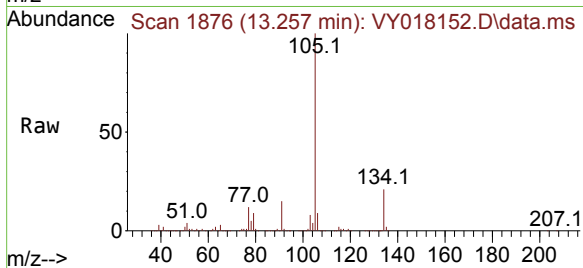
ClientSampleId :

Tgt Ion:105 Resp: 641610

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.265 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

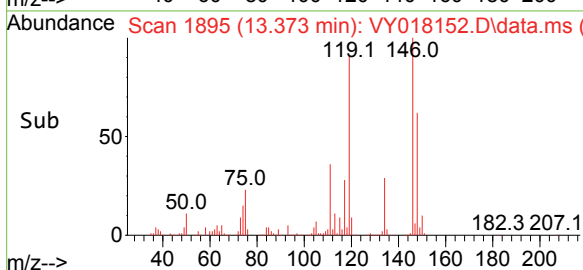
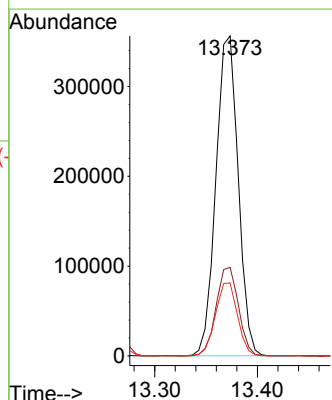
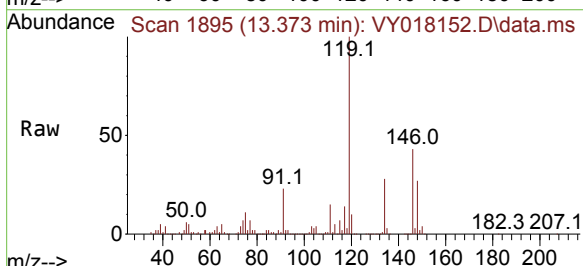
Tgt Ion:119 Resp: 534946

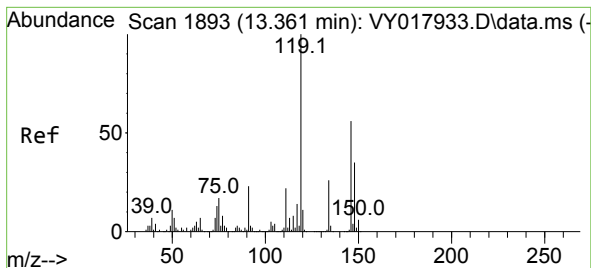
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 22.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.820 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

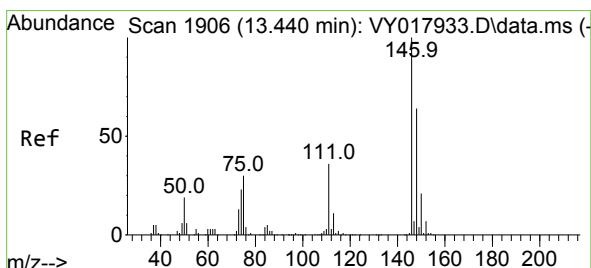
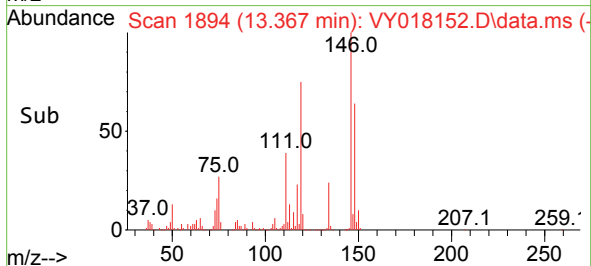
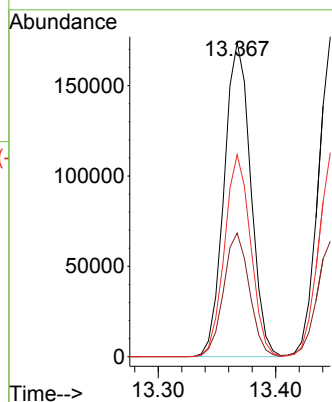
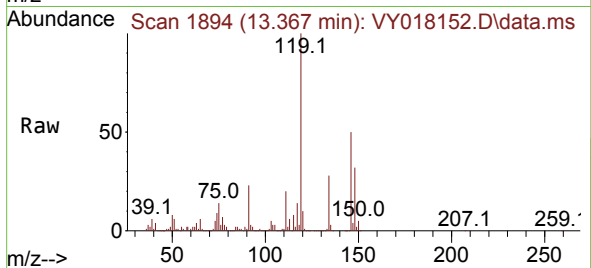
Tgt Ion:146 Resp: 272805

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.554 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

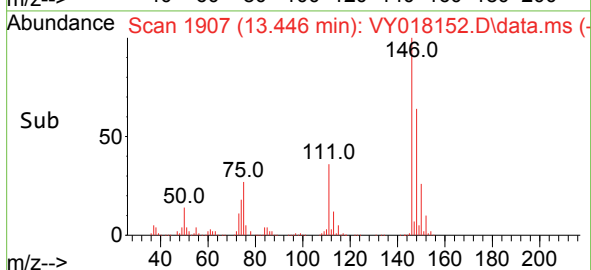
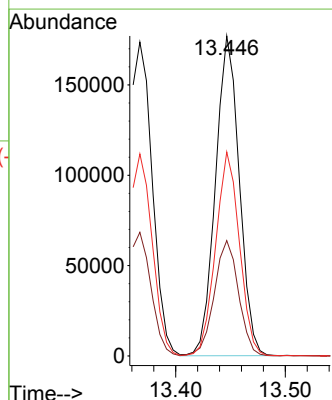
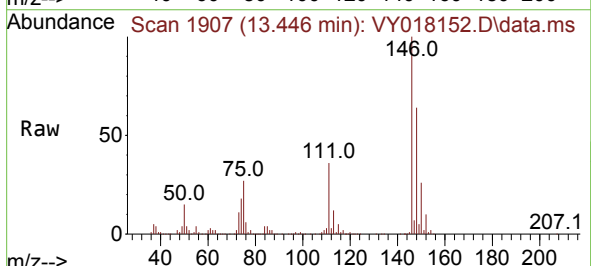
Tgt Ion:146 Resp: 267285

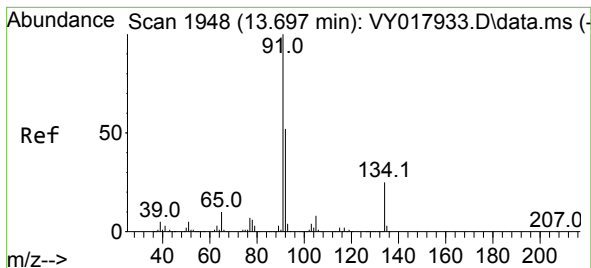
Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 45.911 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

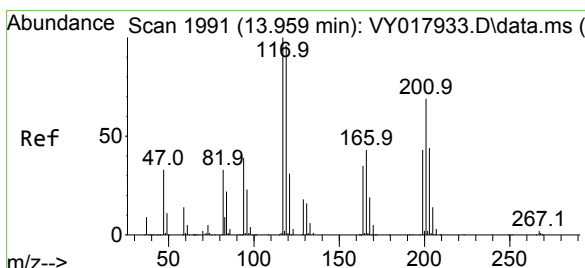
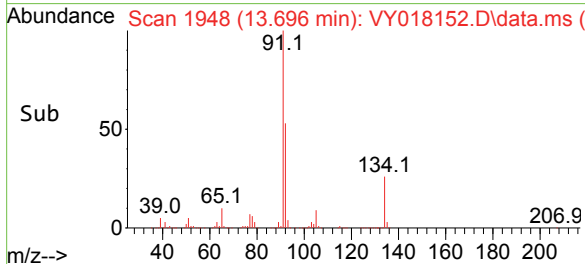
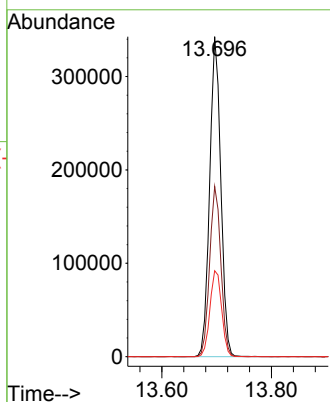
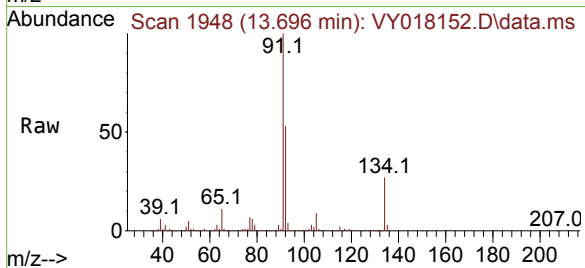
Tgt Ion: 91 Resp: 480167

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 28.3 12.9 38.7



#90

Hexachloroethane

Concen: 43.671 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018152.D

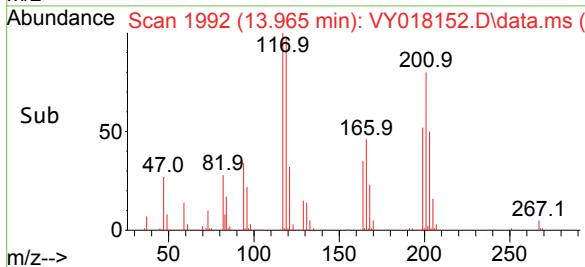
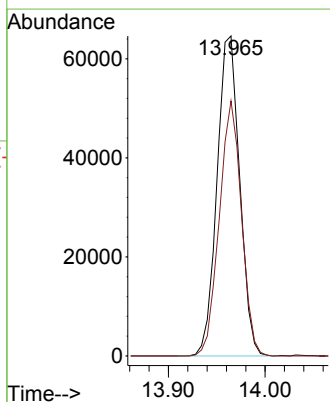
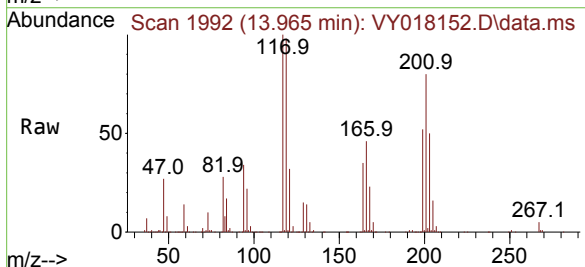
Acq: 06 May 2024 09:52

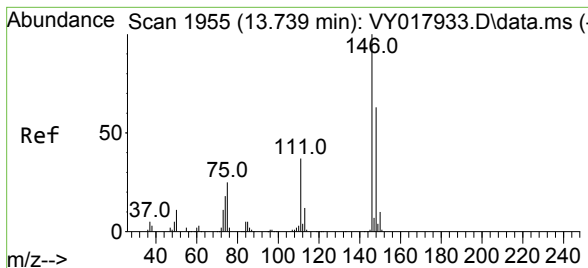
Tgt Ion: 117 Resp: 104858

Ion Ratio Lower Upper

117 100

201 78.0 37.4 112.2

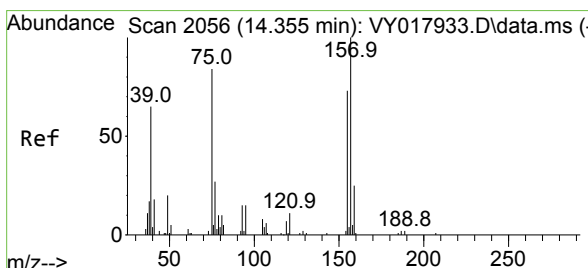
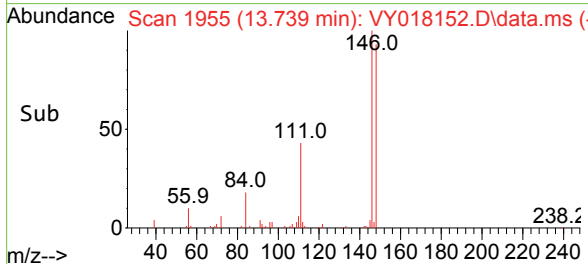
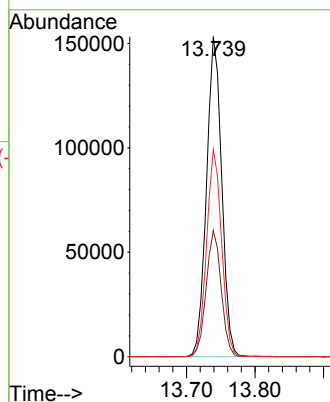
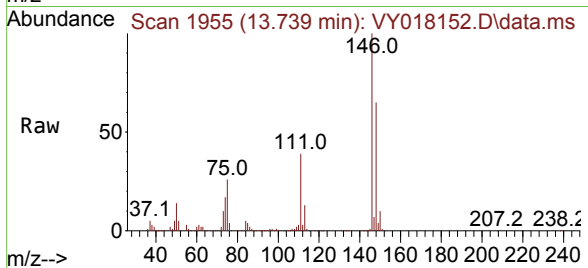




#91
 1,2-Dichlorobenzene
 Concen: 44.626 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY018152.D
 Acq: 06 May 2024 09:52

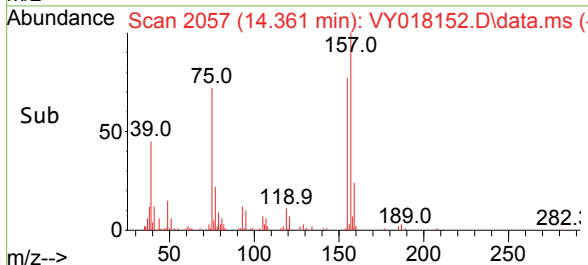
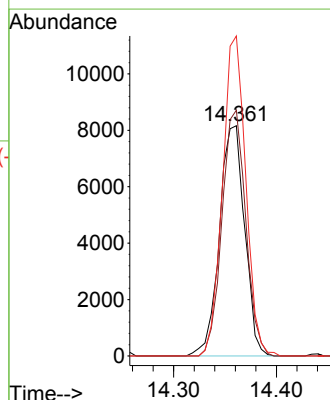
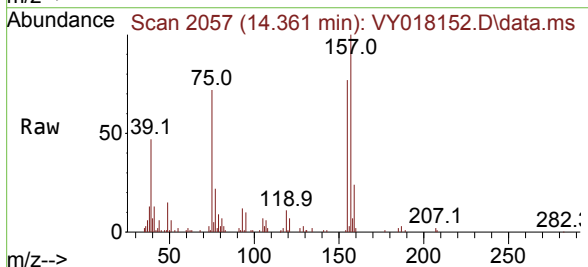
Instrument :
 MSVOA_Y
 ClientSampleId :

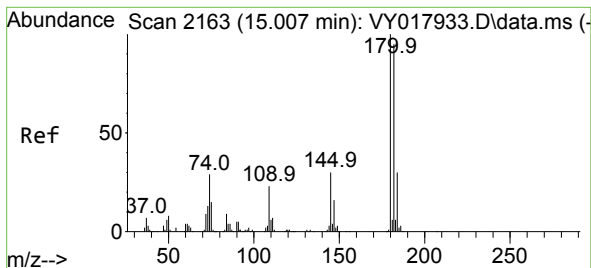
Tgt Ion:146 Resp: 236687
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 64.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.189 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY018152.D
 Acq: 06 May 2024 09:52

Tgt Ion: 75 Resp: 13884
 Ion Ratio Lower Upper
 75 100
 155 100.9 48.6 145.8
 157 128.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.387 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

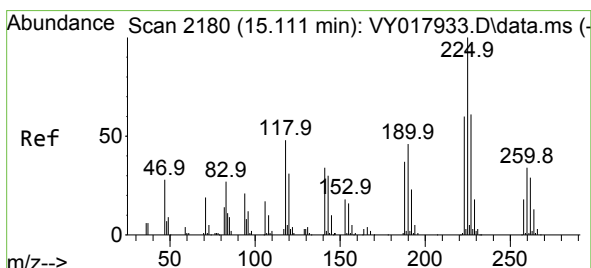
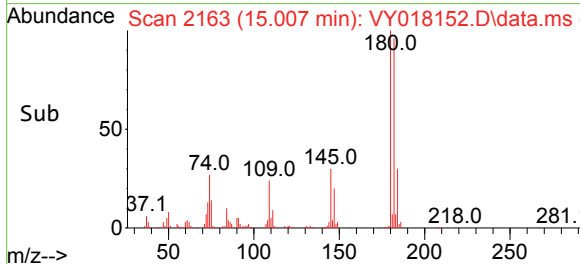
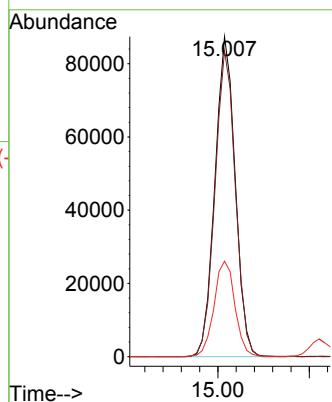
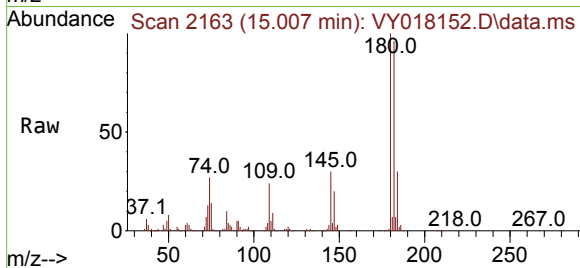
Tgt Ion:180 Resp: 134538

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.276 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

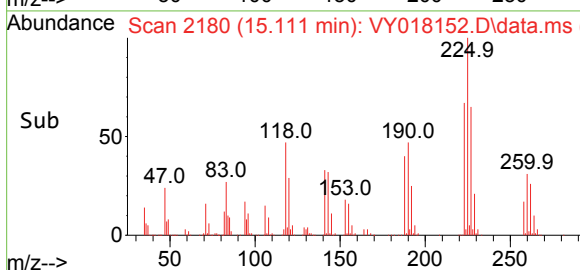
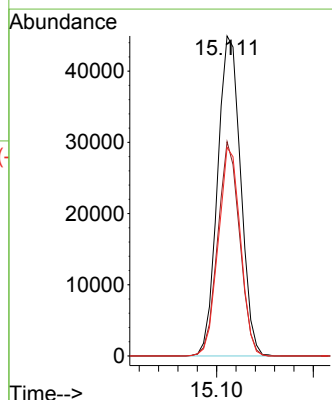
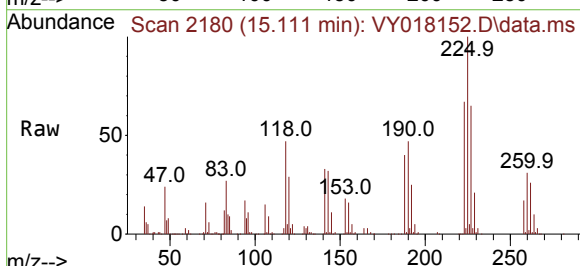
Tgt Ion:225 Resp: 74290

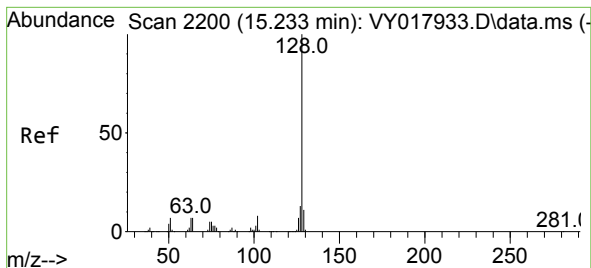
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 45.525 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

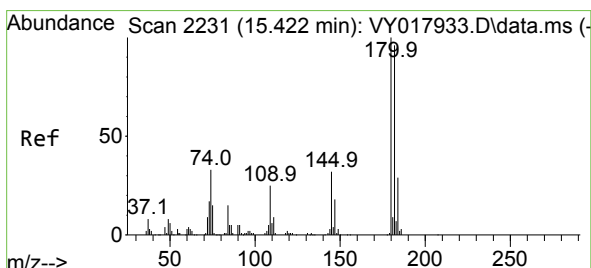
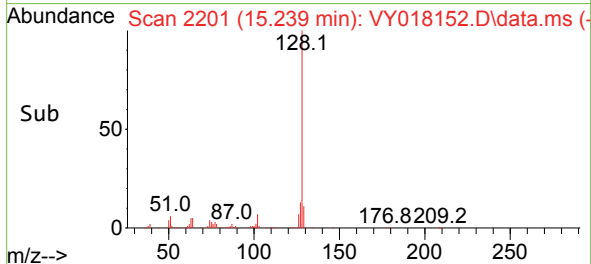
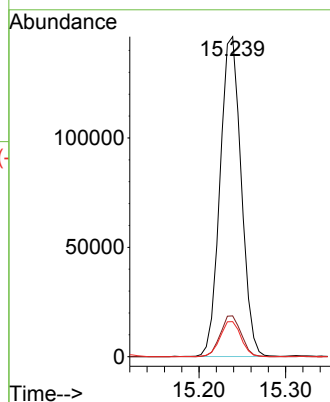
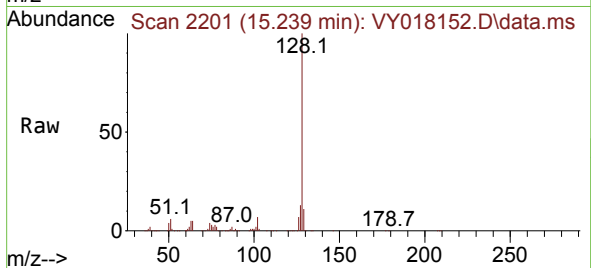
Tgt Ion:128 Resp: 248477

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.682 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018152.D

Acq: 06 May 2024 09:52

Tgt Ion:180 Resp: 112993

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 31.5 15.4 46.1

