

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018391.D
 Acq On : 29 May 2024 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:59:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	131576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75278	60.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.780%	
35) Dibromofluoromethane	7.710	113	77127	55.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.179	98	298366	54.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.477	95	92228	54.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49417	44.003	ug/l	98
3) Chloromethane	2.107	50	83200	45.588	ug/l	96
4) Vinyl Chloride	2.241	62	102277	50.094	ug/l	99
5) Bromomethane	2.644	94	71382	48.901	ug/l	99
6) Chloroethane	2.784	64	67842	51.189	ug/l	100
7) Trichlorofluoromethane	3.113	101	109557	47.815	ug/l	97
8) Diethyl Ether	3.515	74	37272	50.945	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	65397	46.265	ug/l	94
10) Methyl Iodide	4.088	142	70669	49.713	ug/l	97
11) Tert butyl alcohol	4.936	59	29073	254.416	ug/l #	76
12) 1,1-Dichloroethene	3.863	96	64505	46.334	ug/l	87
13) Acrolein	3.723	56	24322	235.275	ug/l	99
14) Allyl chloride	4.466	41	101213	52.054	ug/l	96
15) Acrylonitrile	5.143	53	87064	275.134	ug/l	98
16) Acetone	3.936	43	79893	311.607	ug/l	91
17) Carbon Disulfide	4.186	76	194929	50.140	ug/l	100
18) Methyl Acetate	4.460	43	34703	51.066	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	178363	53.430	ug/l	99
20) Methylene Chloride	4.704	84	79677	54.398	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	73796	50.248	ug/l	90
22) Diisopropyl ether	6.106	45	220387	54.544	ug/l	93
23) Vinyl Acetate	6.051	43	728976	281.759	ug/l	95
24) 1,1-Dichloroethane	6.009	63	130319	52.592	ug/l	96
25) 2-Butanone	6.978	43	117343	288.809	ug/l	88
26) 2,2-Dichloropropane	6.978	77	109531	51.133	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	88391	51.218	ug/l	94
28) Bromochloromethane	7.326	49	45847	54.476	ug/l	86
29) Tetrahydrofuran	7.338	42	74455	278.410	ug/l	89
30) Chloroform	7.496	83	131447	52.044	ug/l	94
31) Cyclohexane	7.777	56	115915	52.945	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	111996	50.520	ug/l	96
36) 1,1-Dichloropropene	7.911	75	96788	47.826	ug/l	98
37) Ethyl Acetate	7.070	43	51127	52.811	ug/l	96
38) Carbon Tetrachloride	7.893	117	95479	46.064	ug/l	100
39) Methylcyclohexane	9.179	83	127858	45.290	ug/l	94
40) Benzene	8.155	78	308790	50.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27969	57.877	ug/l	87
42) 1,2-Dichloroethane	8.228	62	76767	51.730	ug/l	98
43) Isopropyl Acetate	8.271	43	97473	51.603	ug/l	93
44) Trichloroethene	8.935	130	73982	46.784	ug/l	96
45) 1,2-Dichloropropane	9.209	63	72703	52.397	ug/l	99
46) Dibromomethane	9.301	93	41570	51.057	ug/l	93
47) Bromodichloromethane	9.490	83	99104	50.155	ug/l	98
48) Methyl methacrylate	9.289	41	45015	52.684	ug/l	90
49) 1,4-Dioxane	9.295	88	10322	977.118	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	254578	267.049	ug/l	95
52) Toluene	10.240	92	186321	48.178	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	93103	51.537	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	114343	51.655	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	54974	50.965	ug/l	96
56) Ethyl methacrylate	10.508	69	77883	52.640	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	94010	51.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	173056	258.856	ug/l	97
59) 2-Hexanone	10.825	43	178162	271.605	ug/l	93
60) Dibromochloromethane	10.983	129	67305	51.659	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51582	51.826	ug/l	100
64) Tetrachloroethene	10.715	164	66671	44.670	ug/l	95
65) Chlorobenzene	11.514	112	203004	46.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	65934	47.953	ug/l	100
67) Ethyl Benzene	11.587	91	346748	45.428	ug/l	99
68) m/p-Xylenes	11.697	106	270998	92.275	ug/l	98
69) o-Xylene	12.026	106	128327	46.301	ug/l	99
70) Styrene	12.044	104	217620	47.500	ug/l	99
71) Bromoform	12.203	173	37824	52.008	ug/l #	97
73) Isopropylbenzene	12.325	105	331403	44.661	ug/l	99
74) N-amyl acetate	12.142	43	80176	46.311	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	57421	45.414	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	73999	87.207	ug/l #	100
77) Bromobenzene	12.605	156	76047	46.791	ug/l	97
78) n-propylbenzene	12.666	91	390162	43.912	ug/l	99
79) 2-Chlorotoluene	12.751	91	211483	43.965	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	260208	44.624	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18643	45.204	ug/l	95
82) 4-Chlorotoluene	12.849	91	215164	44.116	ug/l	97
83) tert-Butylbenzene	13.075	119	244538	45.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	258889	45.144	ug/l	99
85) sec-Butylbenzene	13.251	105	349526	43.845	ug/l	99
86) p-Isopropyltoluene	13.367	119	292523	44.861	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	149698	46.776	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	144610	45.399	ug/l	99
89) n-Butylbenzene	13.696	91	264121	43.103	ug/l	99
90) Hexachloroethane	13.959	117	54033	44.873	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	129242	46.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8323	47.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	74169	46.889	ug/l	98
94) Hexachlorobutadiene	15.111	225	38350	47.376	ug/l	97
95) Naphthalene	15.233	128	148591	47.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62902	46.774	ug/l	99

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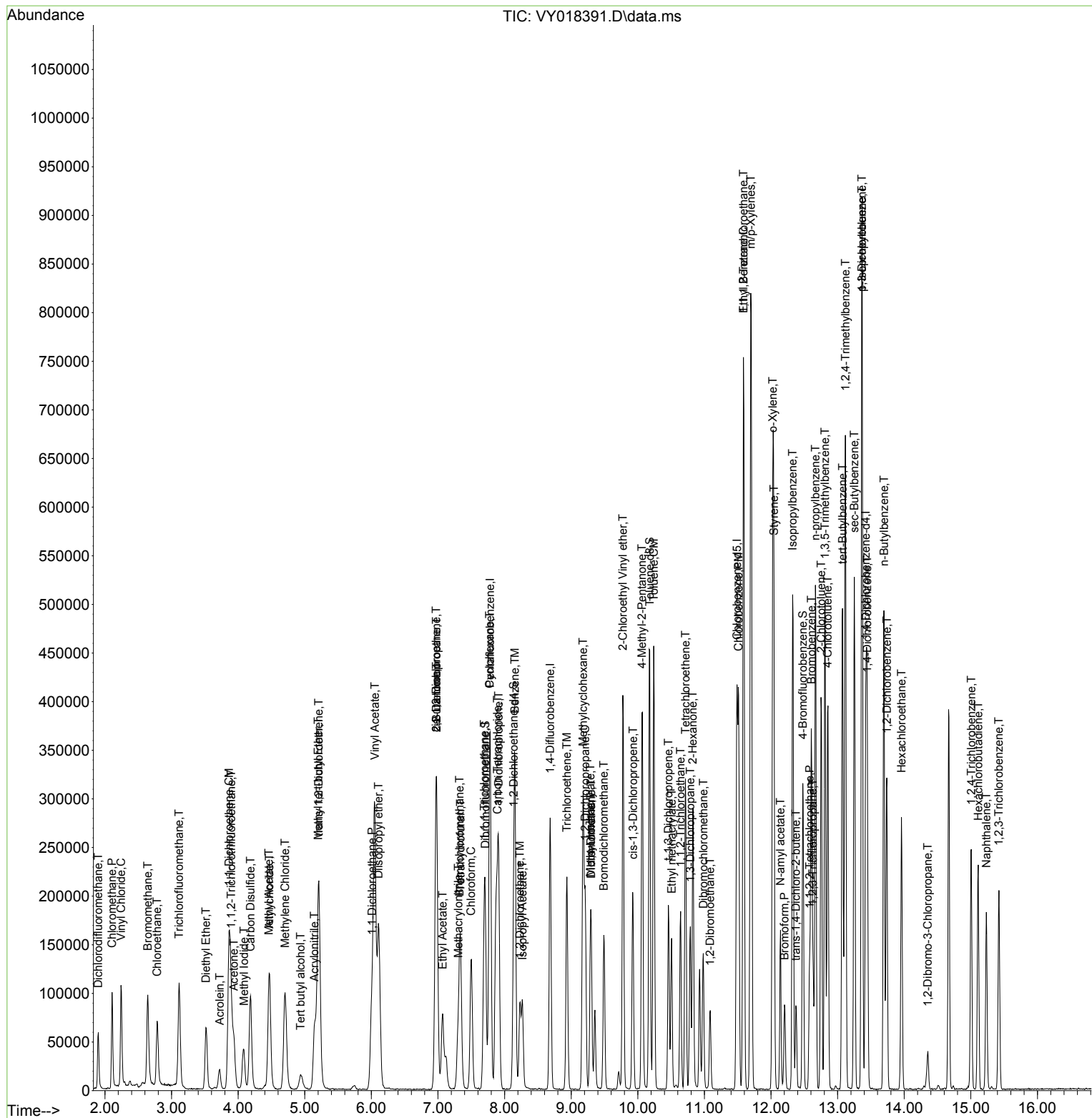
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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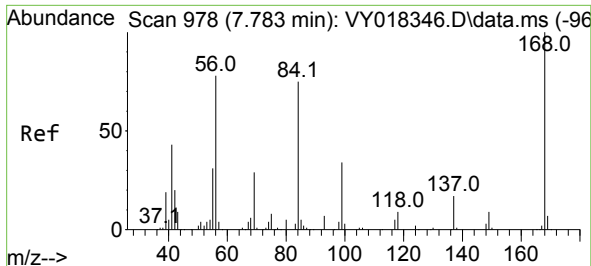
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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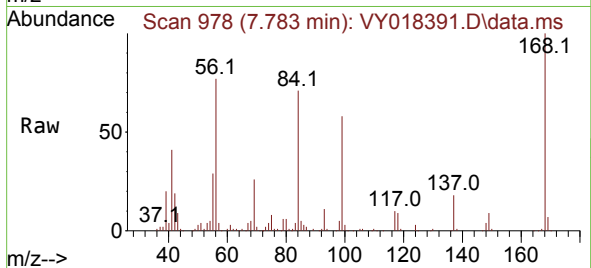
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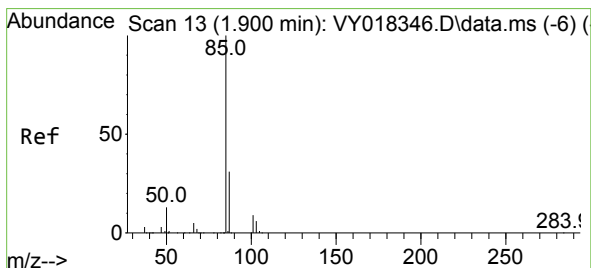
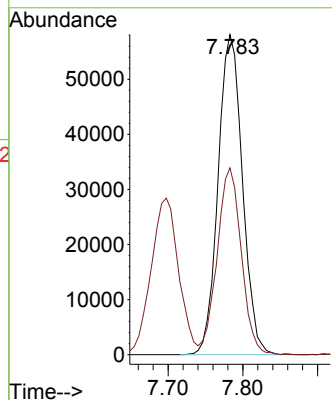
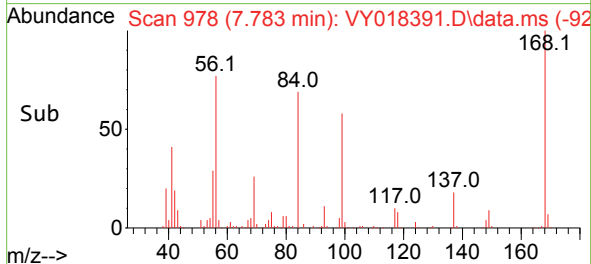


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018391.D
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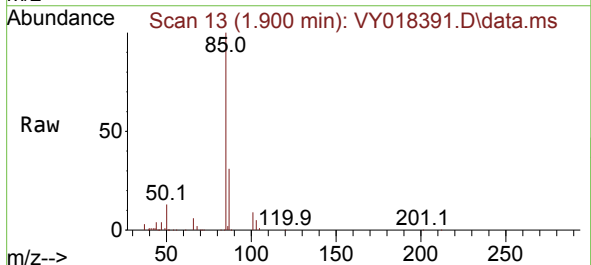
Instrument :
MSVOA_Y
ClientSampleId :



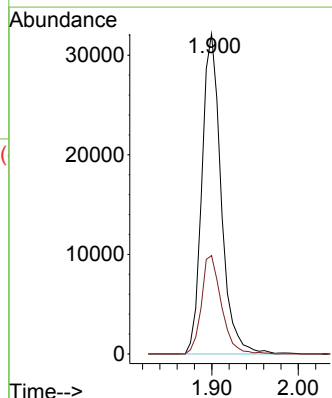
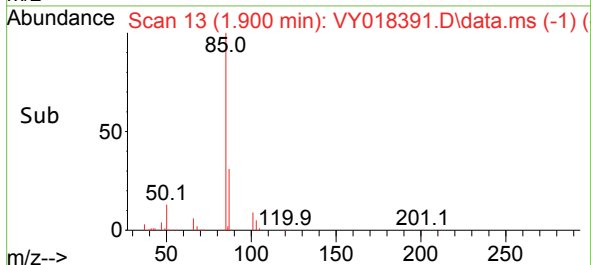
Tgt Ion:168 Resp: 131576
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7

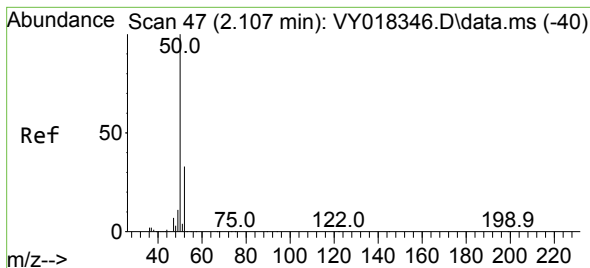


#2
Dichlorodifluoromethane
Concen: 44.003 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44



Tgt Ion: 85 Resp: 49417
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0





#3

Chloromethane

Concen: 45.588 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

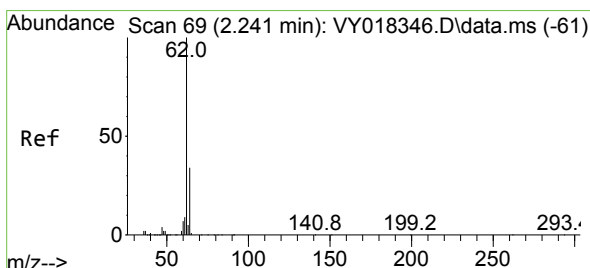
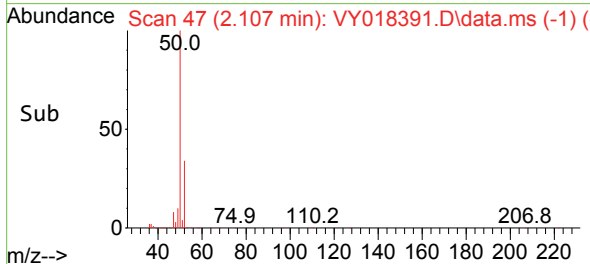
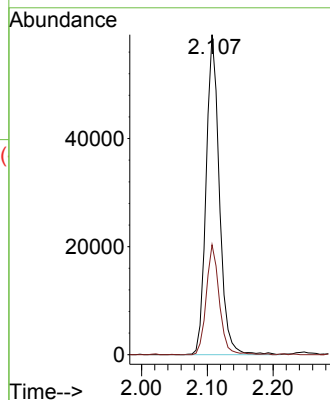
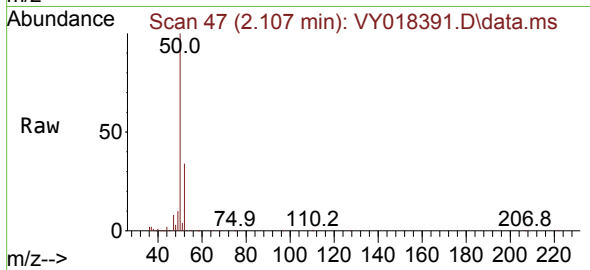
ClientSampleId :

Tgt Ion: 50 Resp: 83200

Ion Ratio Lower Upper

50 100

52 34.4 25.6 38.4



#4

Vinyl Chloride

Concen: 50.094 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018391.D

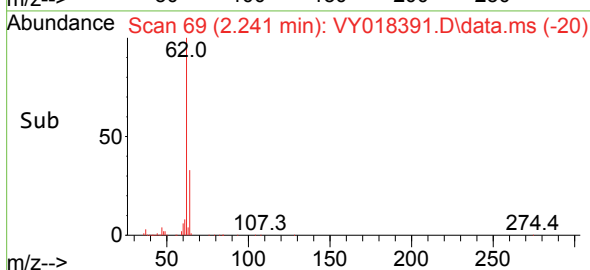
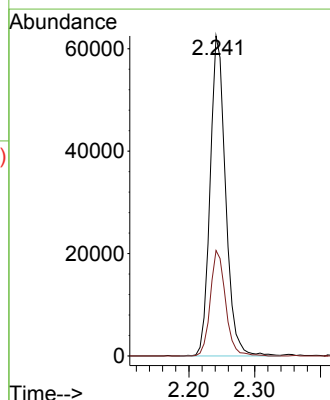
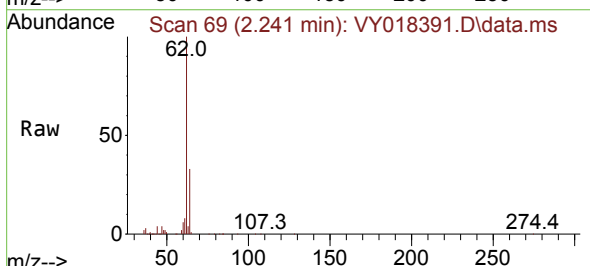
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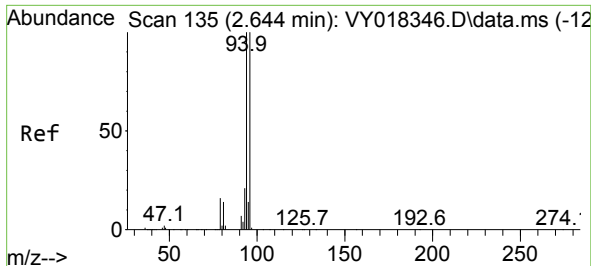
Tgt Ion: 62 Resp: 102277

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1

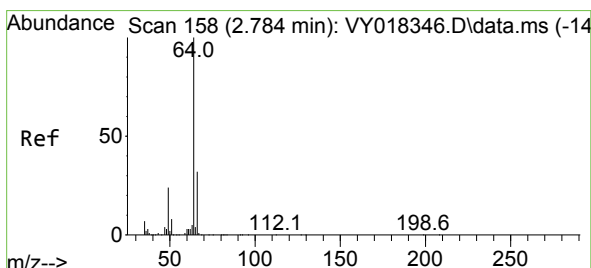
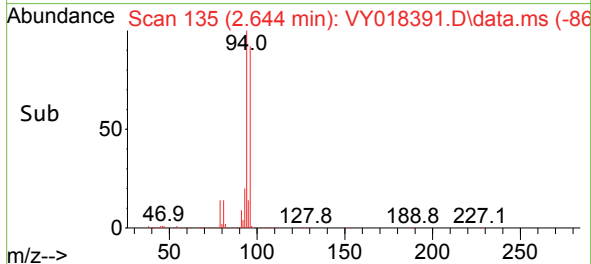
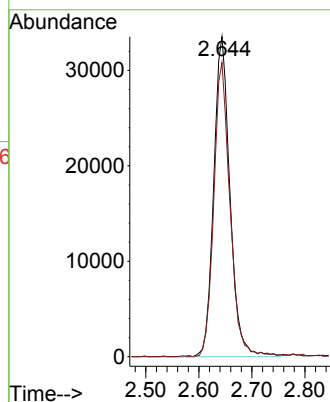
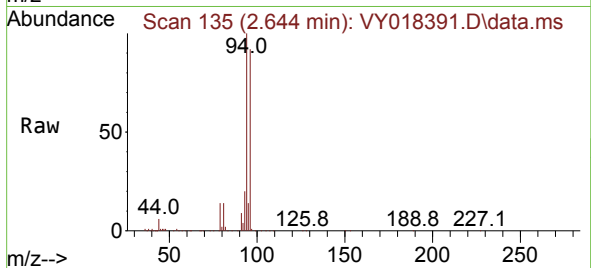




#5
Bromomethane
Concen: 48.901 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018391.D
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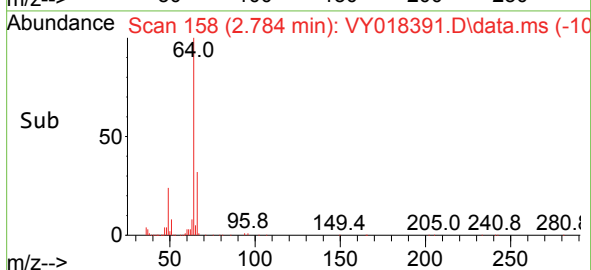
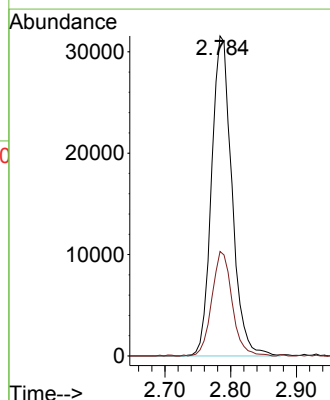
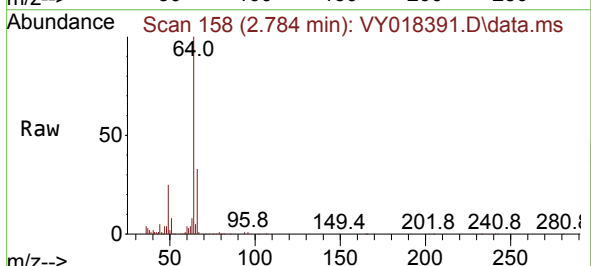
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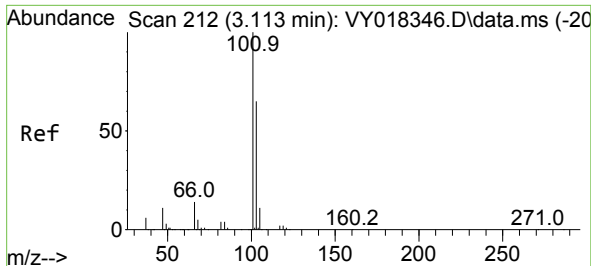
Tgt Ion: 94 Resp: 71382
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 51.189 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 64 Resp: 67842
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

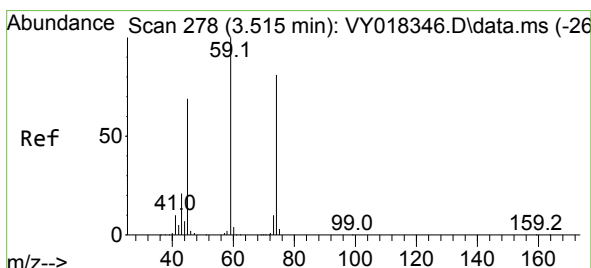
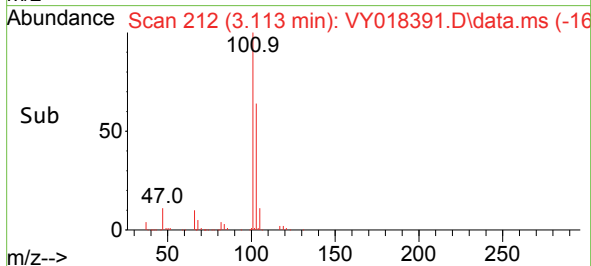
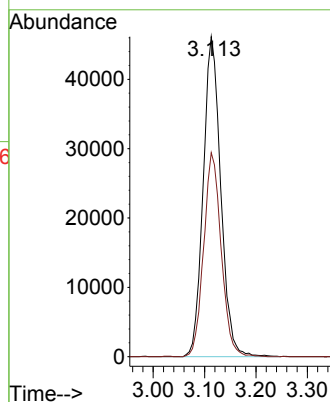
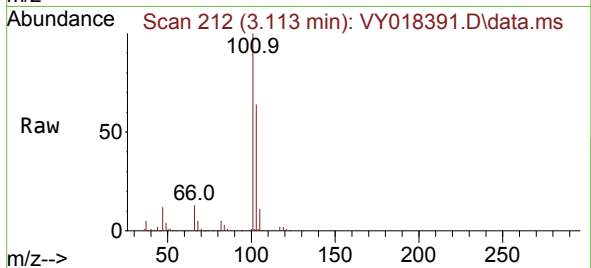




#7
 Trichlorofluoromethane
 Concen: 47.815 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY018391.D
 Acq: 29 May 2024 11:44

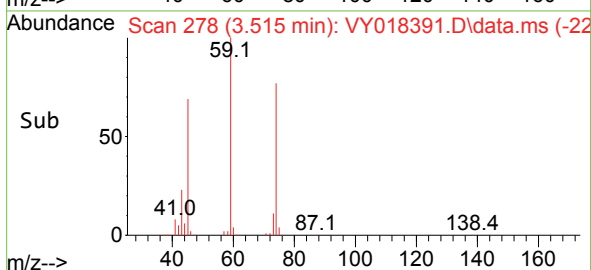
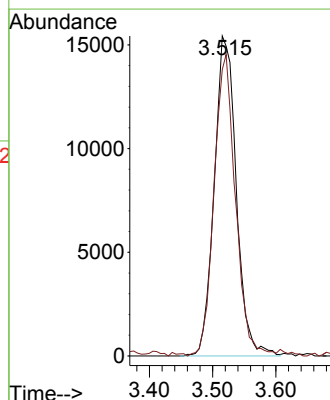
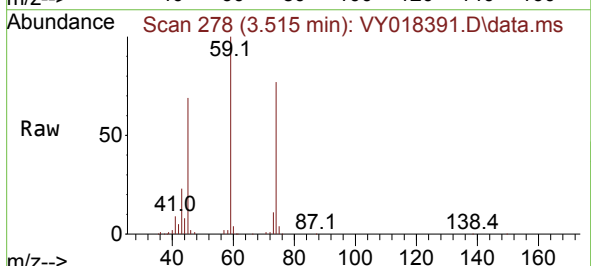
Instrument :
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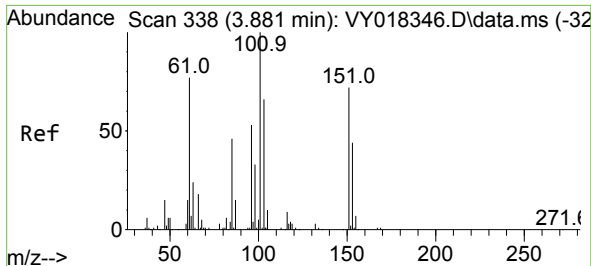
Tgt Ion:101 Resp: 109557
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.945 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018391.D
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Tgt Ion: 74 Resp: 37272
 Ion Ratio Lower Upper
 74 100
 45 91.9 41.3 124.1

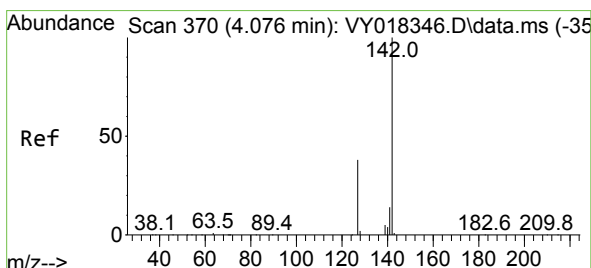
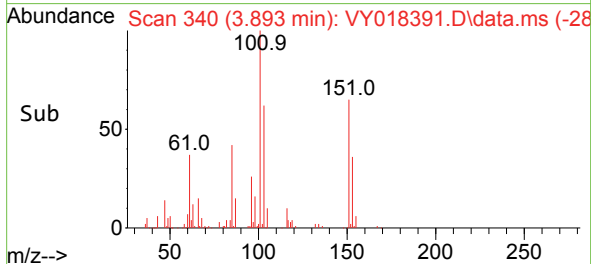
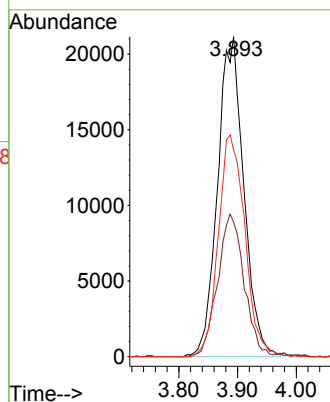
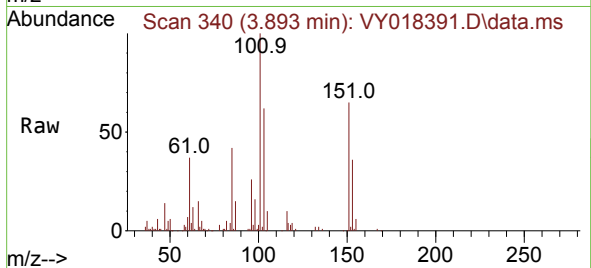




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.265 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

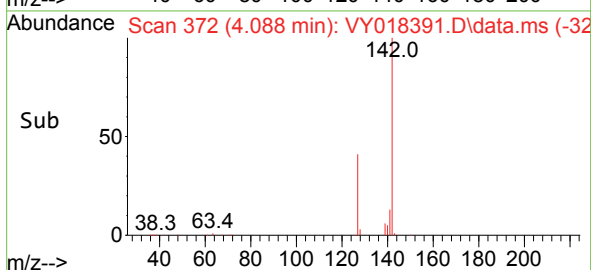
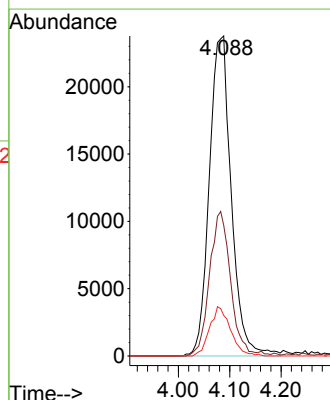
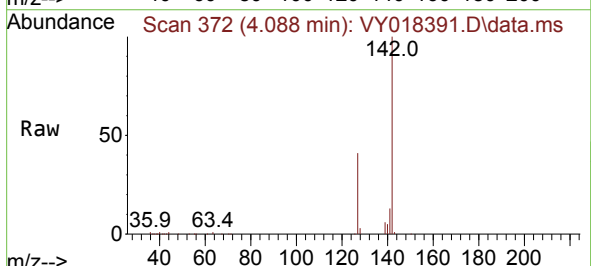
Instrument :
MSVOA_Y
ClientSampleId :

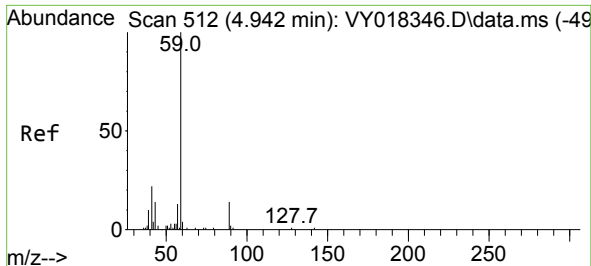
Tgt Ion:101 Resp: 65397
Ion Ratio Lower Upper
101 100
85 45.0 34.5 51.7
151 70.4 61.7 92.5



#10
Methyl Iodide
Concen: 49.713 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion:142 Resp: 70669
Ion Ratio Lower Upper
142 100
127 43.4 32.8 49.2
141 14.7 11.4 17.2

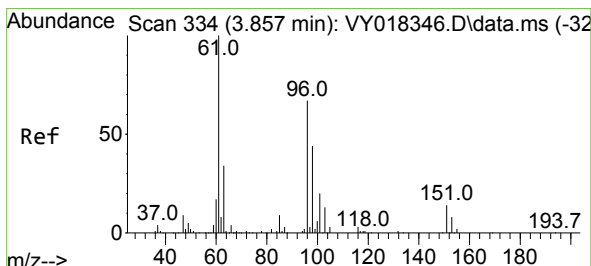
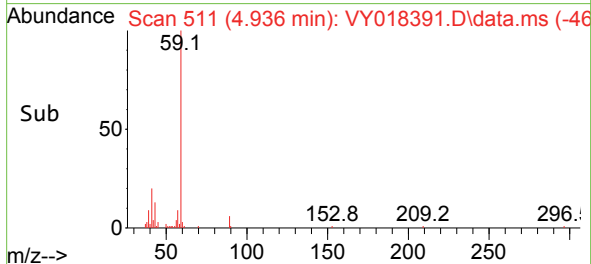
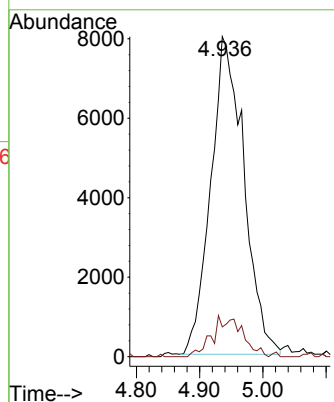
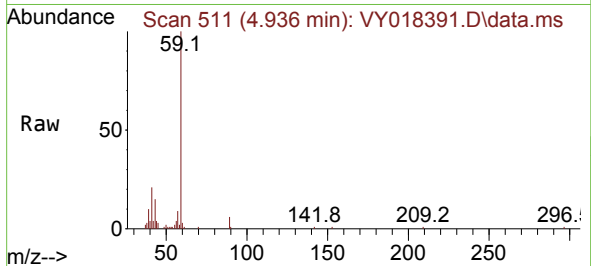




#11
Tert butyl alcohol
Concen: 254.416 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

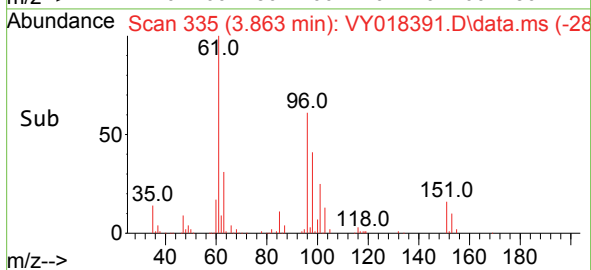
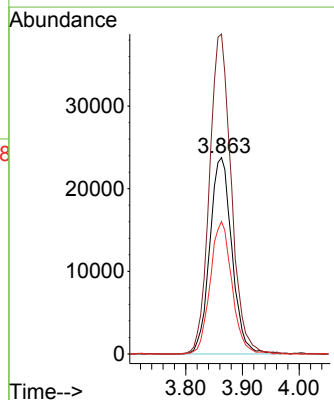
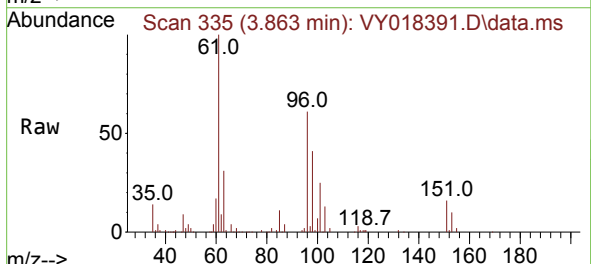
Instrument :
MSVOA_Y
ClientSampleId :

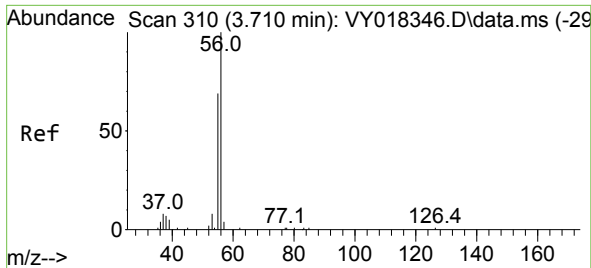
Tgt Ion: 59 Resp: 29073
Ion Ratio Lower Upper
59 100
57 11.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.334 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 96 Resp: 64505
Ion Ratio Lower Upper
96 100
61 162.9 114.6 171.8
98 67.4 50.8 76.2

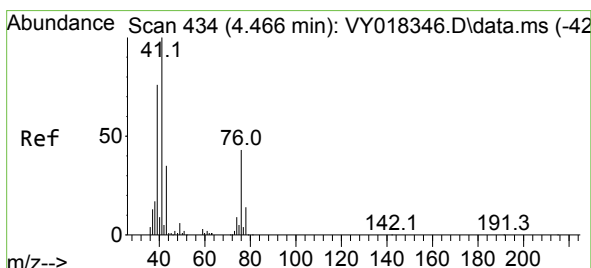
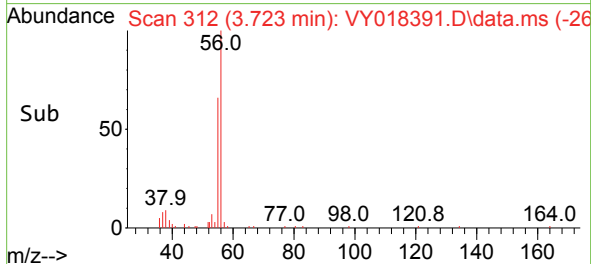
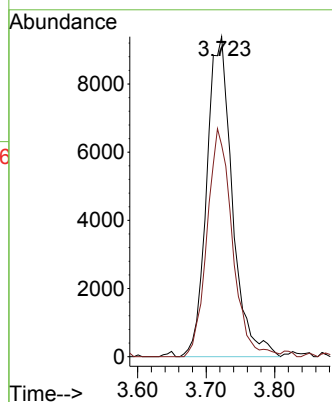
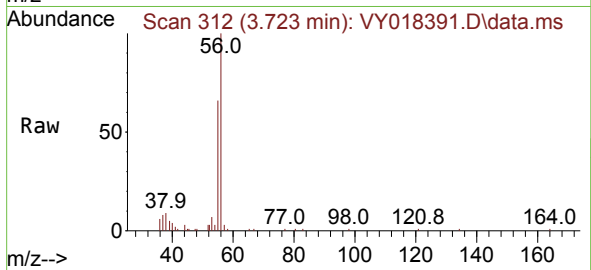




#13
Acrolein
Concen: 235.275 ug/l
RT: 3.723 min Scan# 310
Delta R.T. 0.013 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

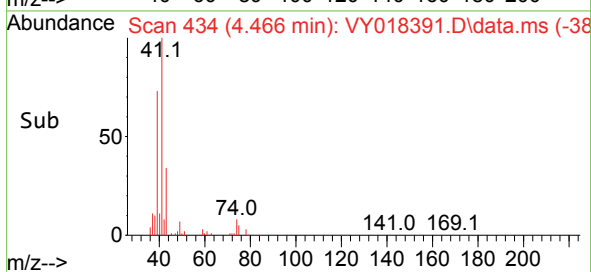
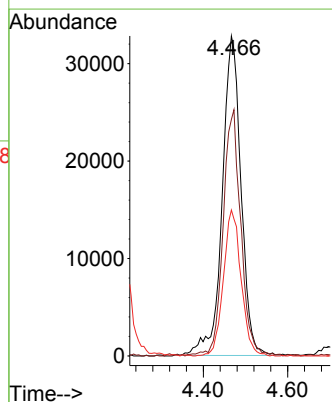
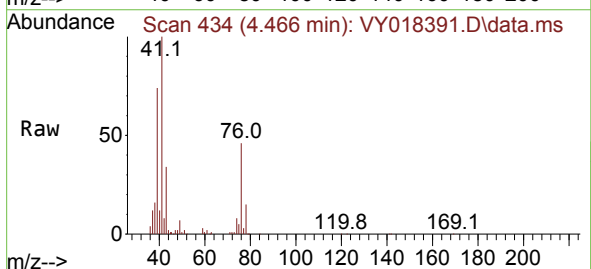
Instrument :
MSVOA_Y
ClientSampleId :

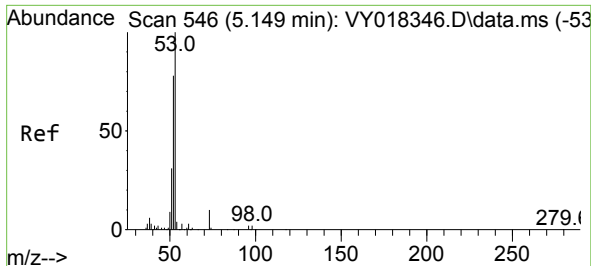
Tgt Ion: 56 Resp: 24322
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5



#14
Allyl chloride
Concen: 52.054 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

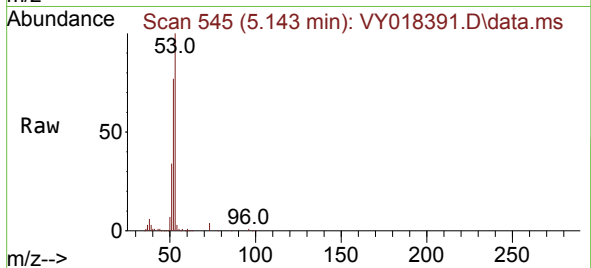
Tgt Ion: 41 Resp: 101213
Ion Ratio Lower Upper
41 100
39 72.6 58.3 87.5
76 42.9 39.0 58.6



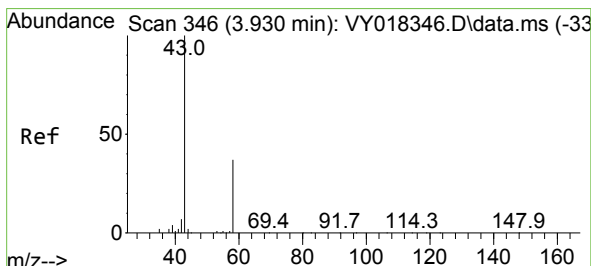
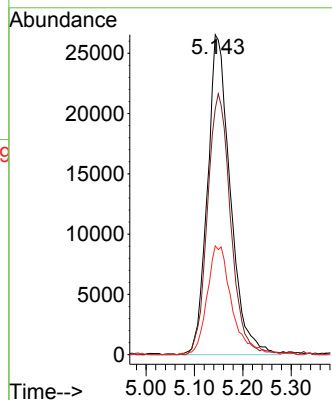
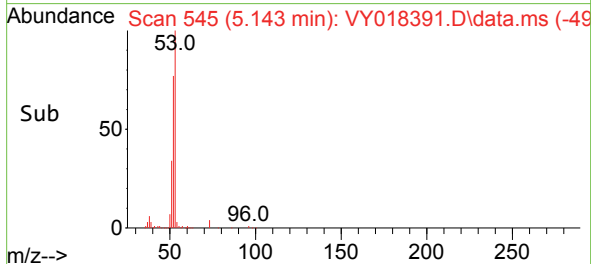


#15
Acrylonitrile
Concen: 275.134 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Instrument :
MSVOA_Y
ClientSampleId :

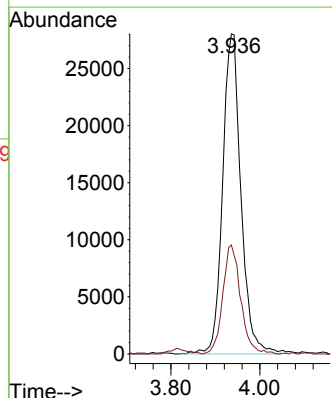
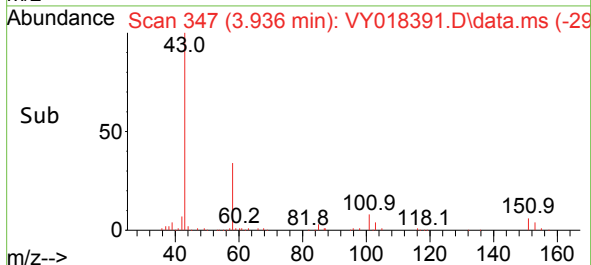
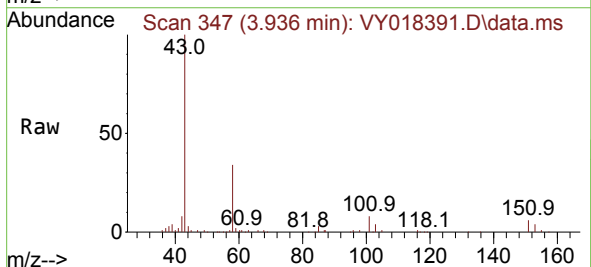


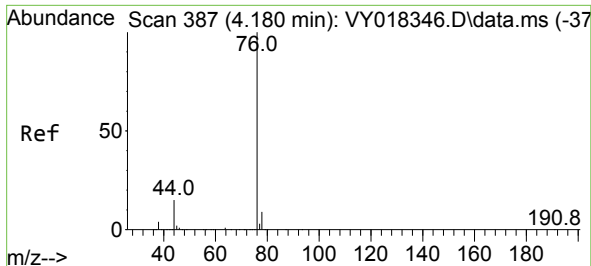
Tgt Ion: 53 Resp: 87064
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 311.607 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 43 Resp: 79893
Ion Ratio Lower Upper
43 100
58 34.1 31.7 47.5

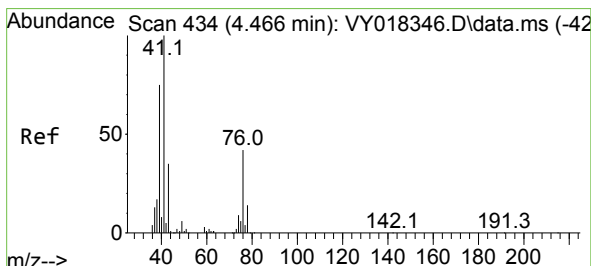
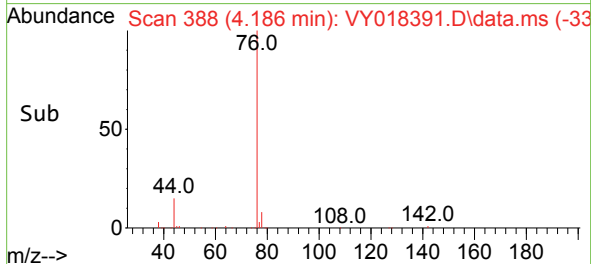
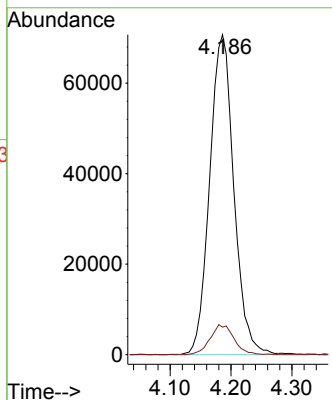
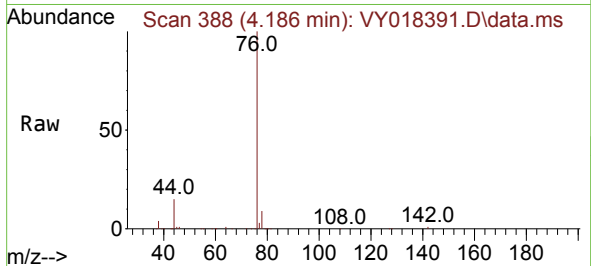




#17
Carbon Disulfide
Concen: 50.140 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

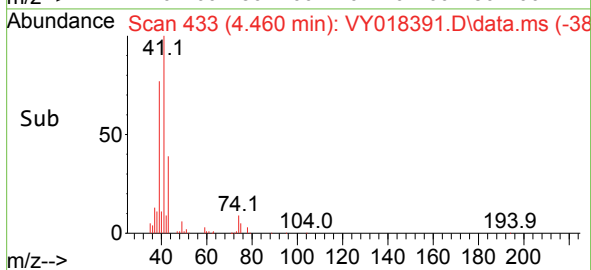
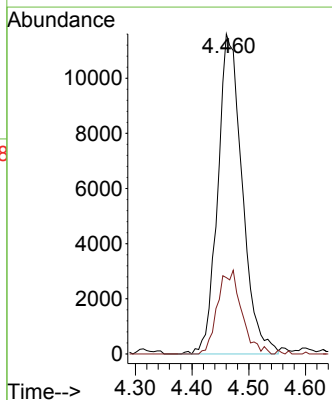
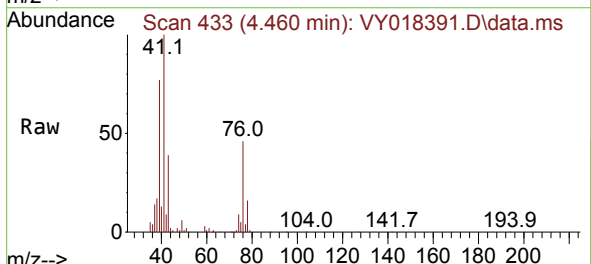
Instrument :
MSVOA_Y
ClientSampleId :

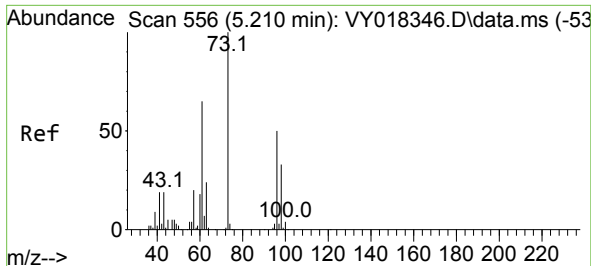
Tgt Ion: 76 Resp: 194929
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 51.066 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 43 Resp: 34703
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 53.430 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

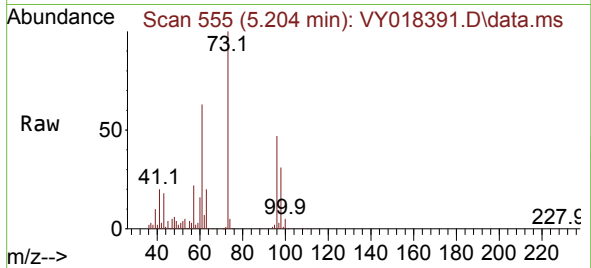
Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

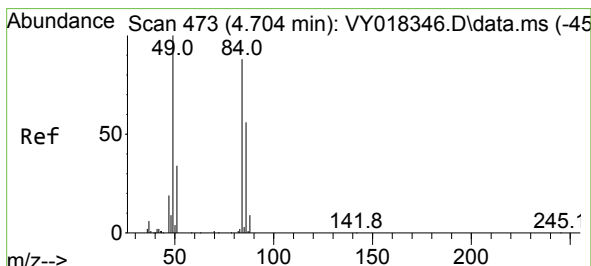
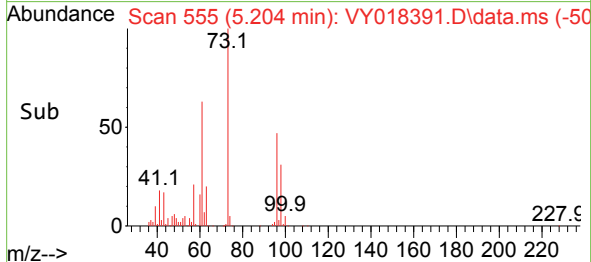
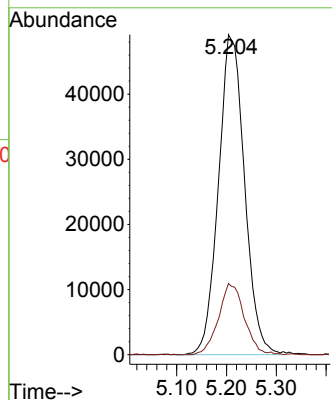


Tgt Ion: 73 Resp: 178363

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9



#20

Methylene Chloride

Concen: 54.398 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Tgt Ion: 84 Resp: 79677

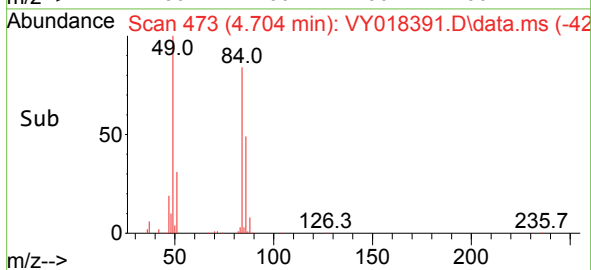
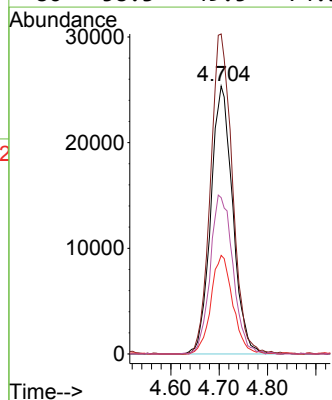
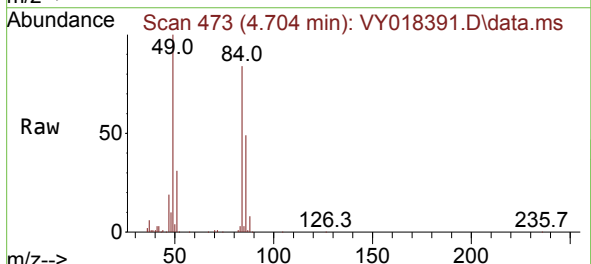
Ion Ratio Lower Upper

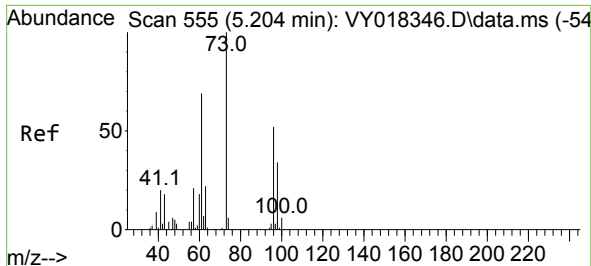
84 100

49 119.4 84.4 126.6

51 36.8 26.0 39.0

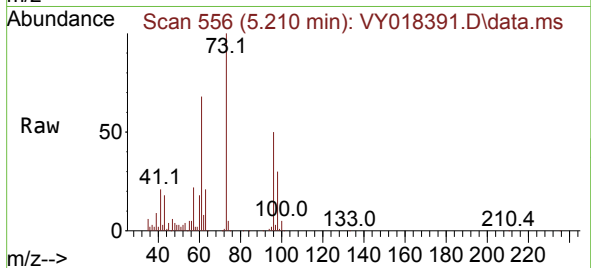
86 58.3 49.5 74.3



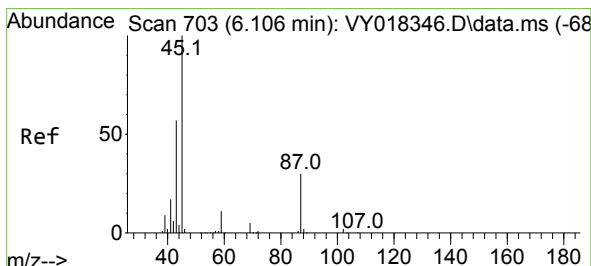
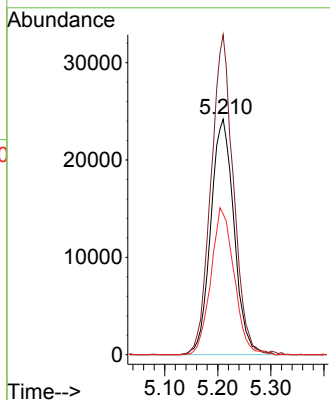
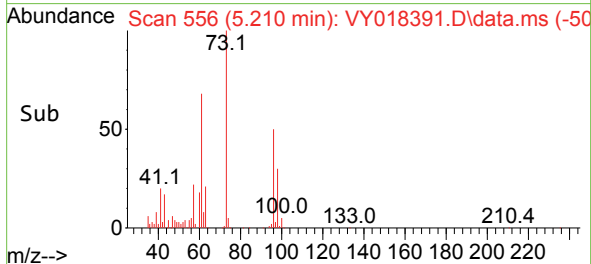


#21
trans-1,2-Dichloroethene
Concen: 50.248 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Instrument :
MSVOA_Y
ClientSampleId :

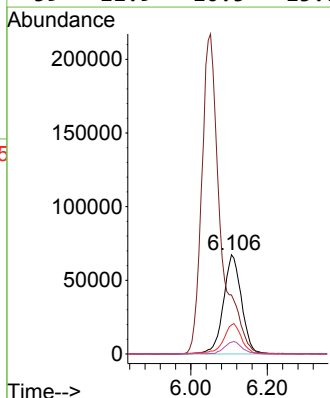
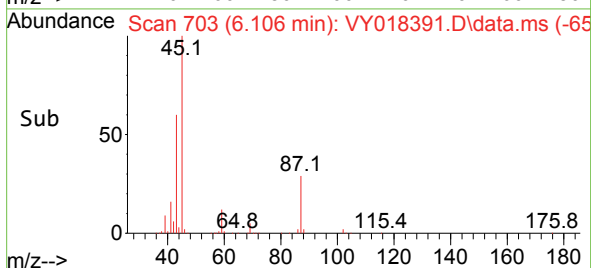
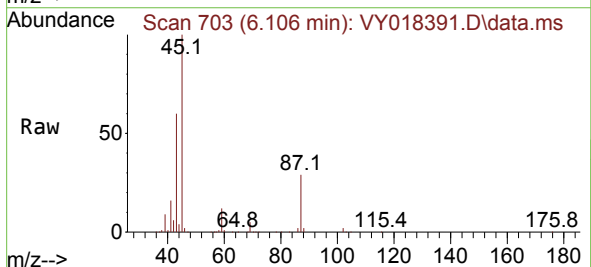


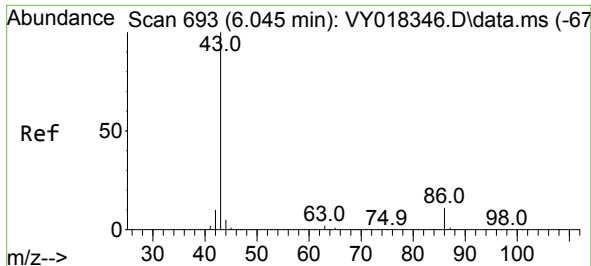
Tgt Ion: 96 Resp: 73796
Ion Ratio Lower Upper
96 100
61 135.9 97.5 146.3
98 59.8 50.5 75.7



#22
Diisopropyl ether
Concen: 54.544 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 45 Resp: 220387
Ion Ratio Lower Upper
45 100
43 59.6 42.2 63.2
87 29.2 25.0 37.6
59 11.9 10.5 15.7

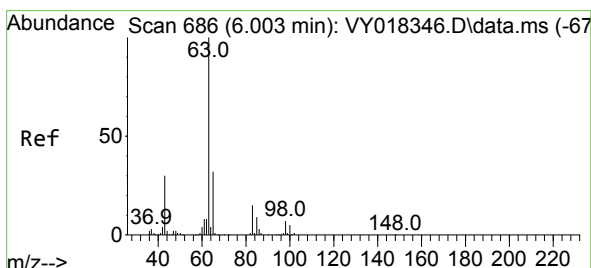
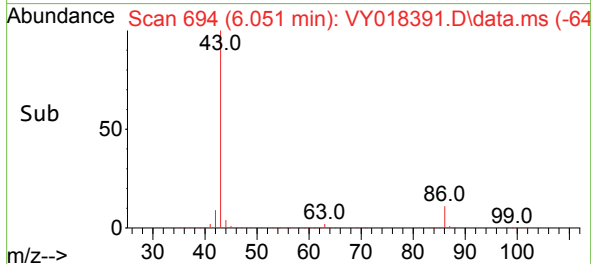
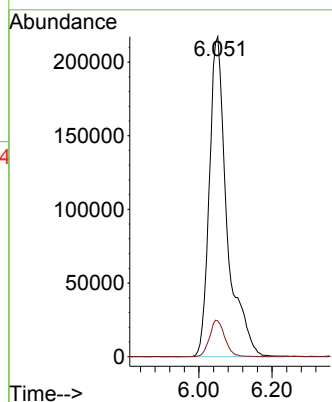
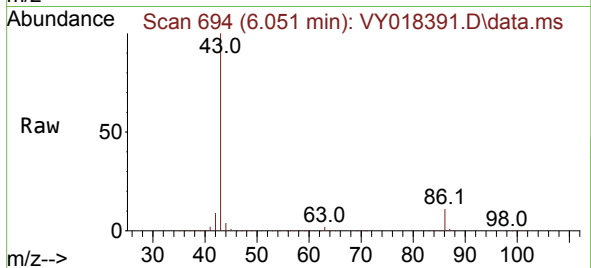




#23
 Vinyl Acetate
 Concen: 281.759 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY018391.D
 Acq: 29 May 2024 11:44

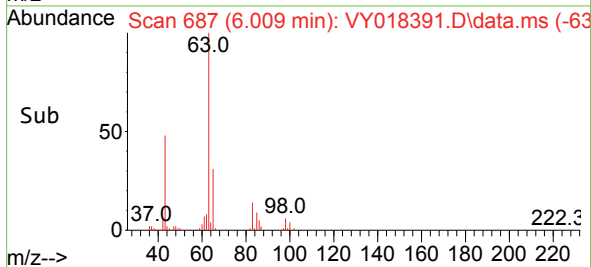
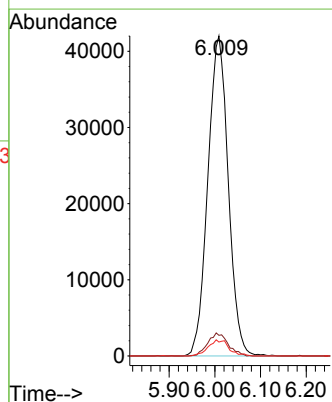
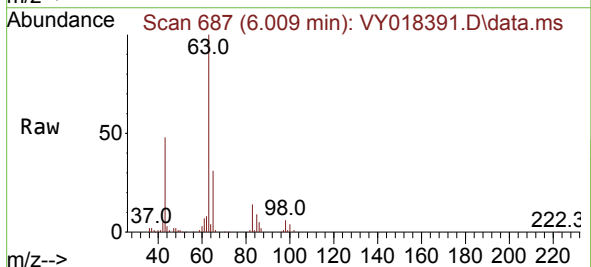
Instrument :
 MSVOA_Y
 ClientSampleId :

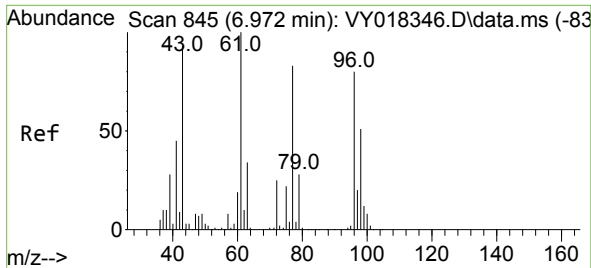
Tgt Ion: 43 Resp: 728976
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.592 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY018391.D
 Acq: 29 May 2024 11:44

Tgt Ion: 63 Resp: 130319
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 288.809 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

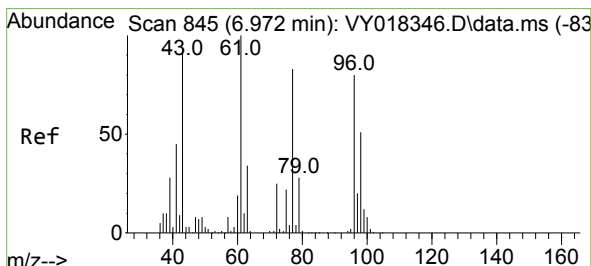
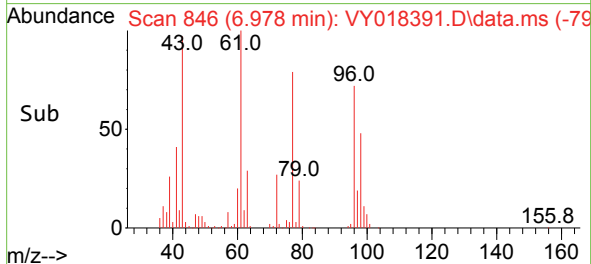
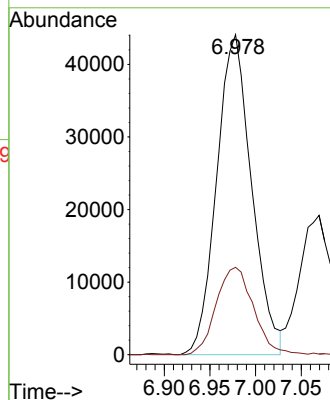
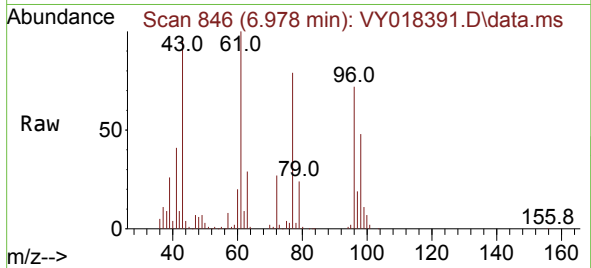
ClientSampleId :

Tgt Ion: 43 Resp: 117343

Ion Ratio Lower Upper

43 100

72 27.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.133 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018391.D

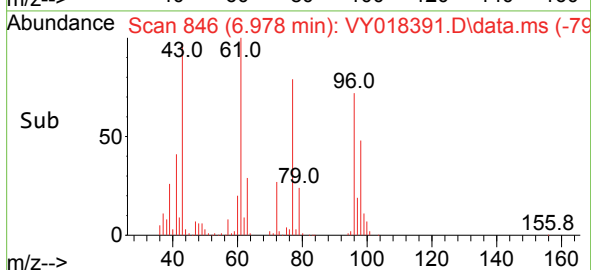
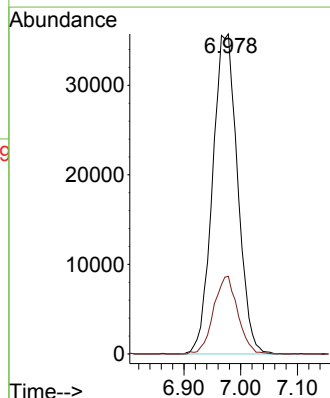
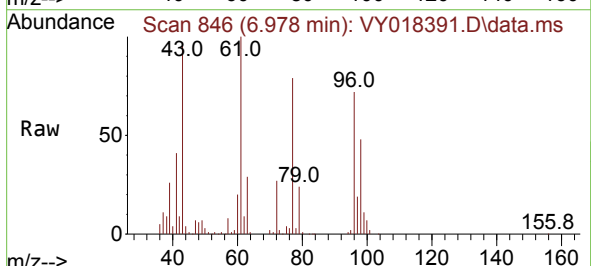
Acq: 29 May 2024 11:44

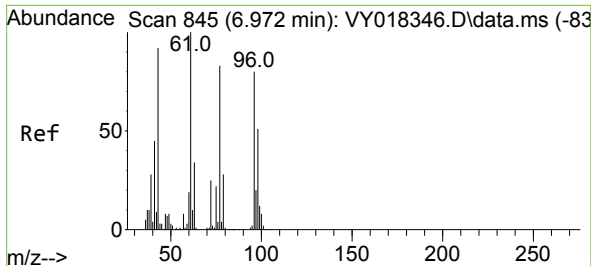
Tgt Ion: 77 Resp: 109531

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.218 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

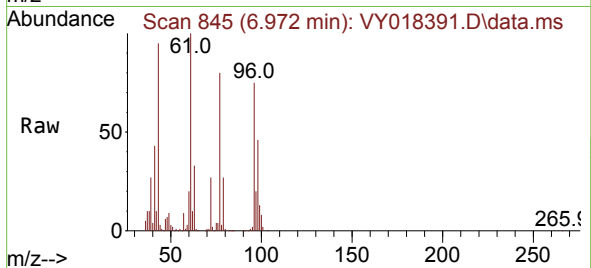
Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :



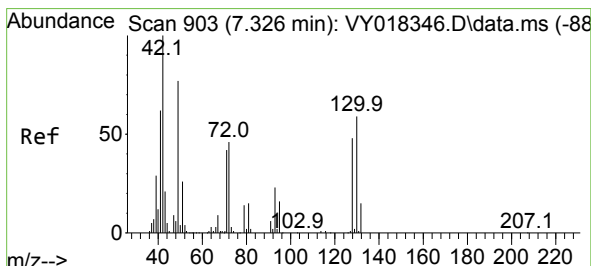
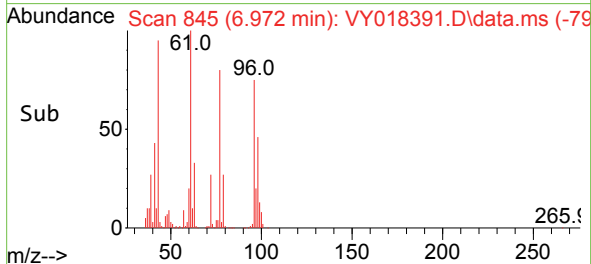
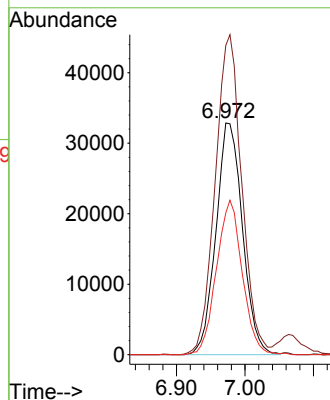
Tgt Ion: 96 Resp: 88391

Ion Ratio Lower Upper

96 100

61 137.9 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 54.476 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

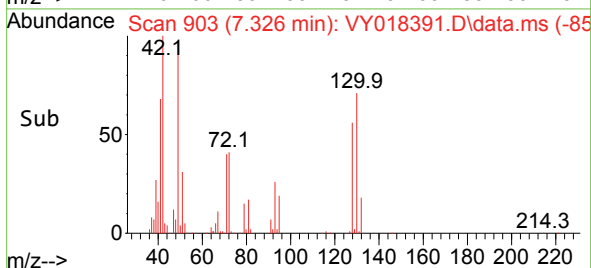
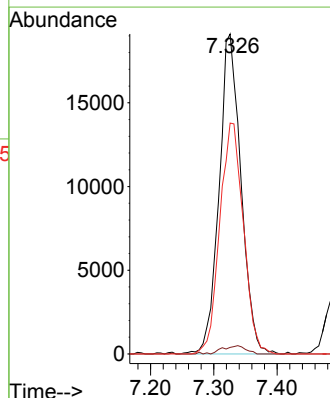
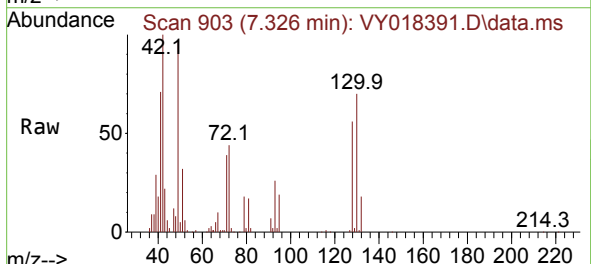
Tgt Ion: 49 Resp: 45847

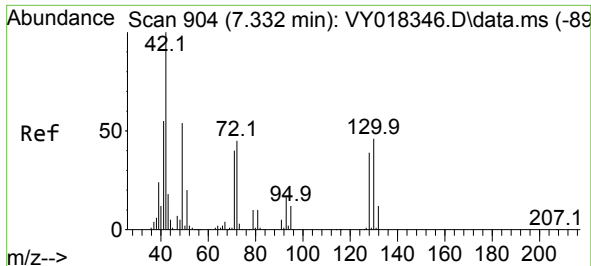
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 77.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 278.410 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

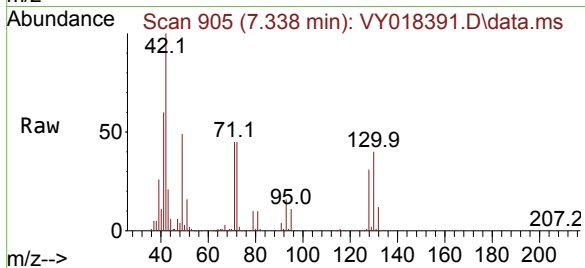
Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :



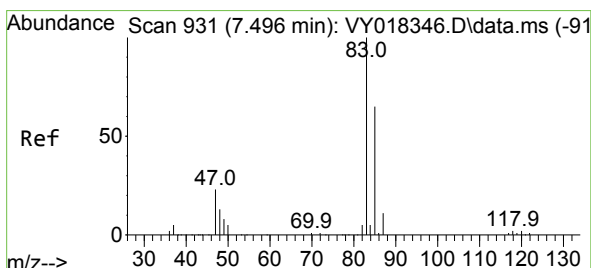
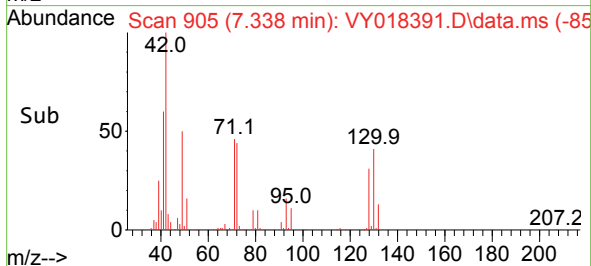
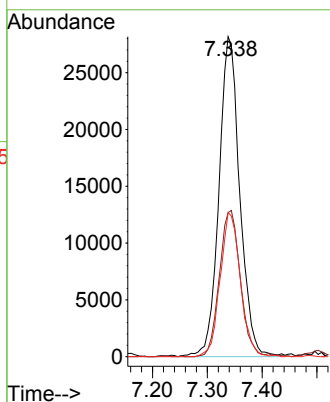
Tgt Ion: 42 Resp: 74455

Ion Ratio Lower Upper

42 100

72 45.6 43.0 64.4

71 43.6 40.8 61.2



#30

Chloroform

Concen: 52.044 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018391.D

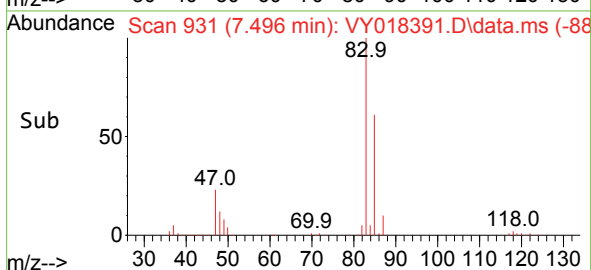
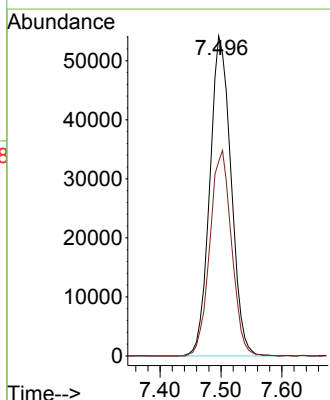
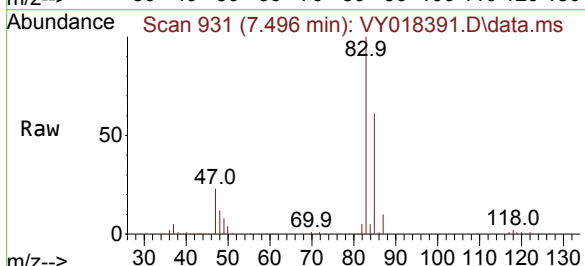
Acq: 29 May 2024 11:44

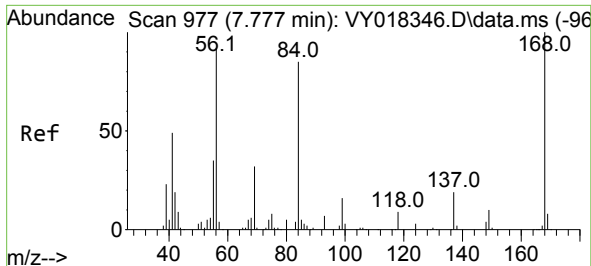
Tgt Ion: 83 Resp: 131447

Ion Ratio Lower Upper

83 100

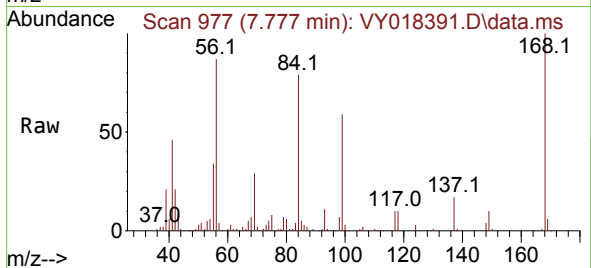
85 60.8 52.2 78.4



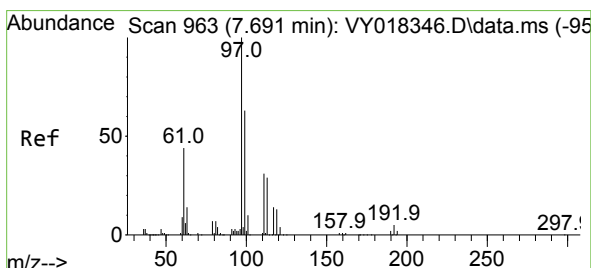
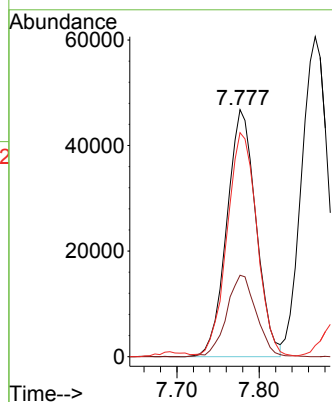
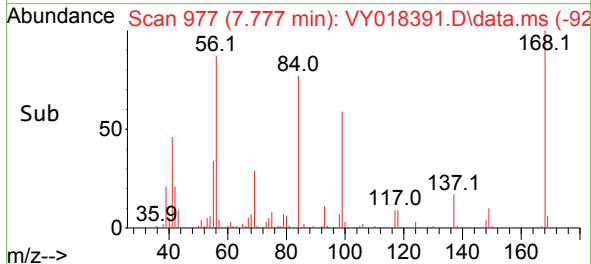


#31
Cyclohexane
Concen: 52.945 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

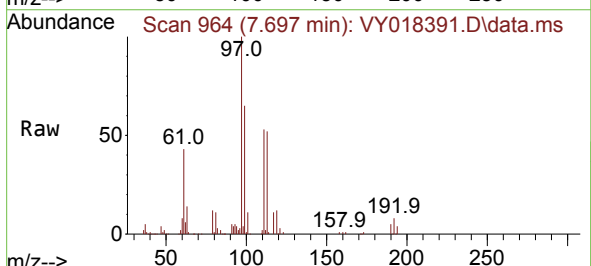
Instrument :
MSVOA_Y
ClientSampleId :



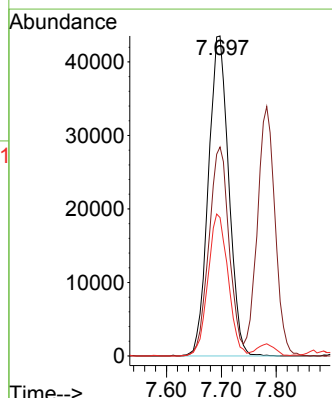
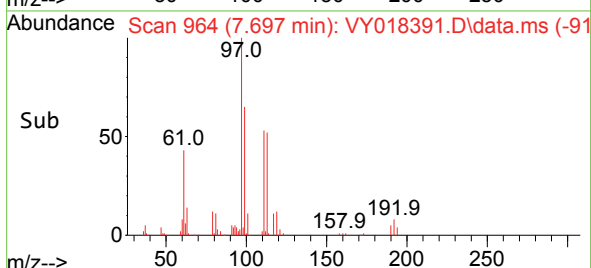
Tgt Ion: 56 Resp: 115915
Ion Ratio Lower Upper
56 100
69 33.0 28.7 43.1
84 89.2 77.7 116.5

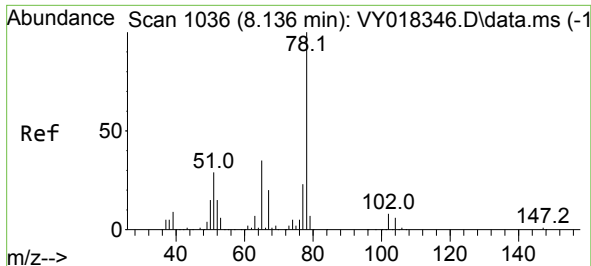


#32
1,1,1-Trichloroethane
Concen: 50.520 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44



Tgt Ion: 97 Resp: 111996
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 43.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 60.388 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

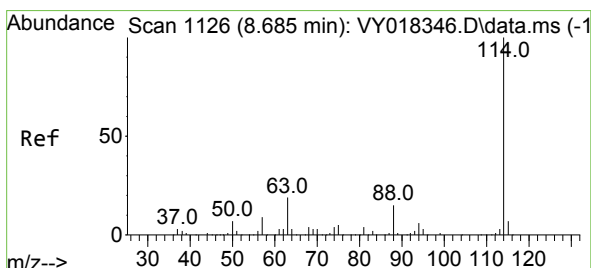
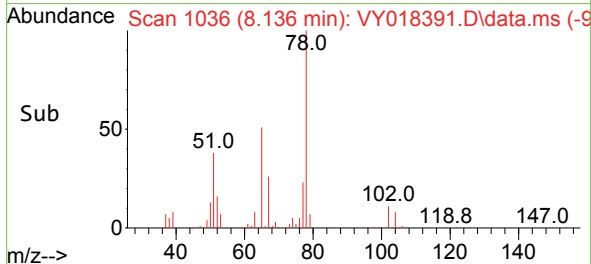
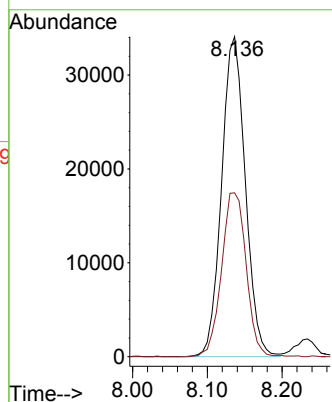
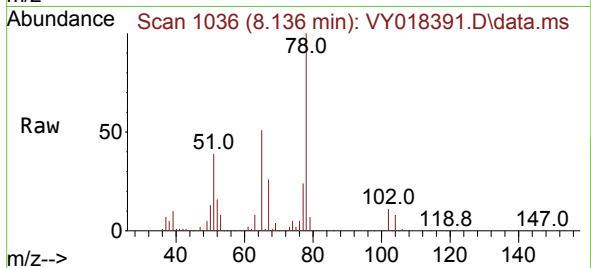
ClientSampleId :

Tgt Ion: 65 Resp: 75278

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

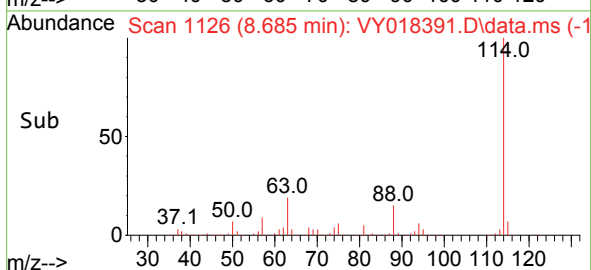
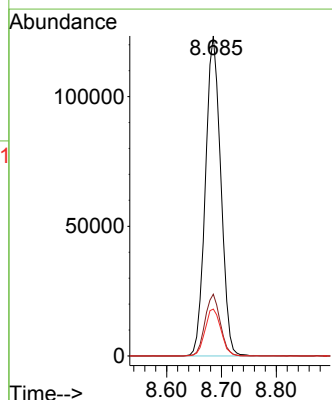
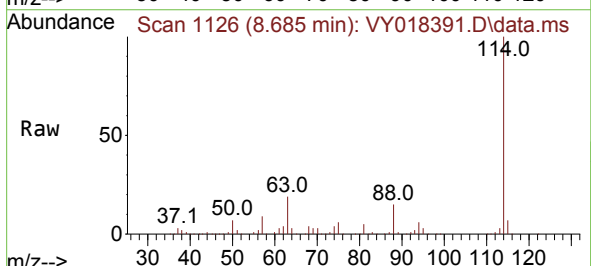
Tgt Ion: 114 Resp: 239299

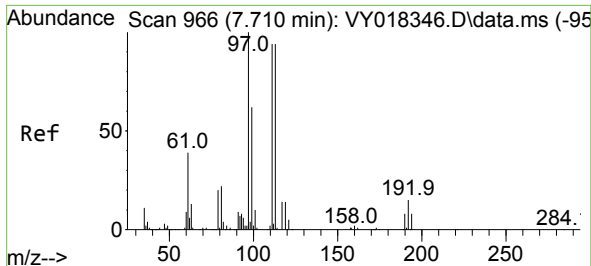
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.7 0.0 27.2

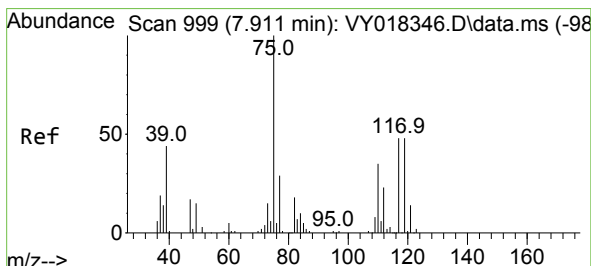
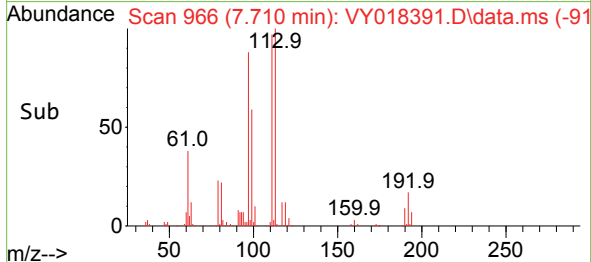
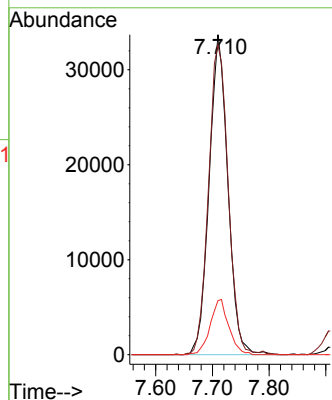
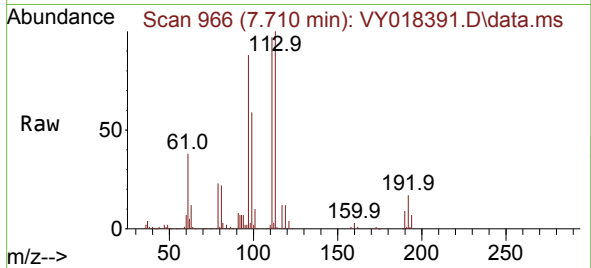




#35
Dibromofluoromethane
Concen: 55.269 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

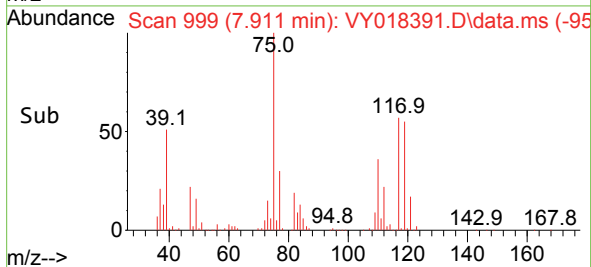
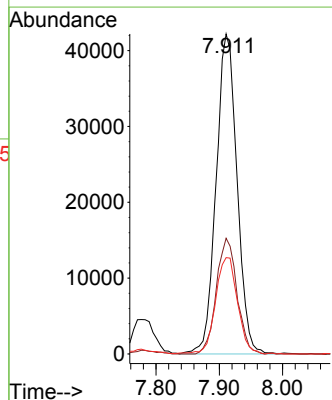
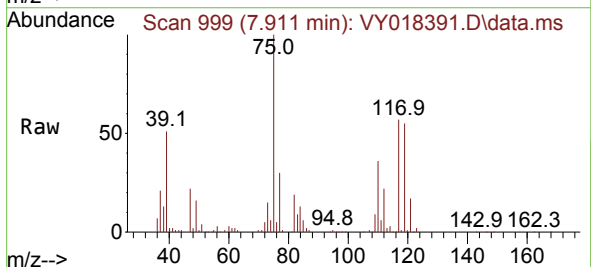
Instrument :
MSVOA_Y
ClientSampleId :

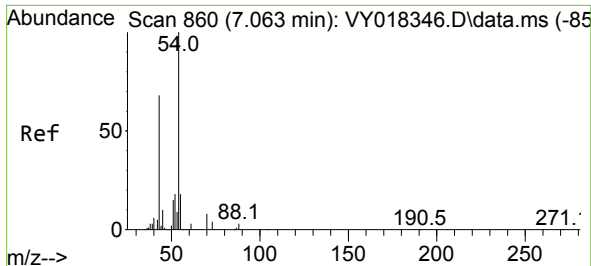
Tgt Ion:113 Resp: 77127
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 17.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.826 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 75 Resp: 96788
Ion Ratio Lower Upper
75 100
110 35.7 19.0 57.0
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 52.811 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.006 min

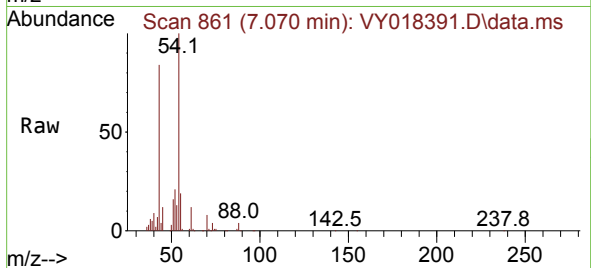
Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :



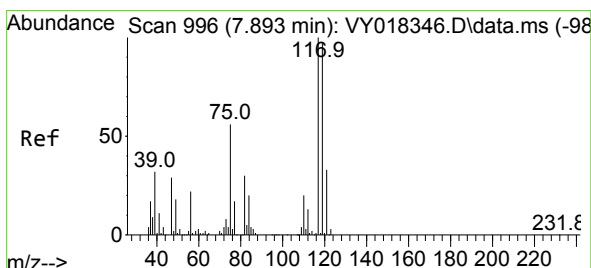
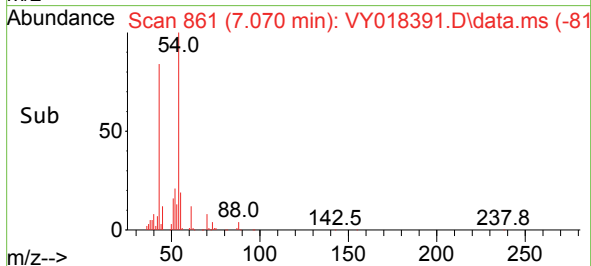
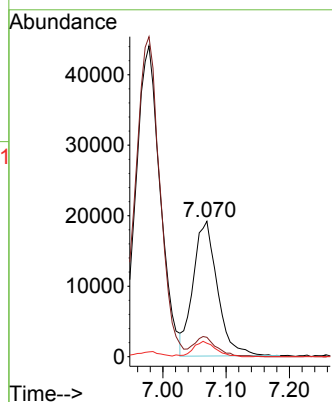
Tgt Ion: 43 Resp: 51127

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 10.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 46.064 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

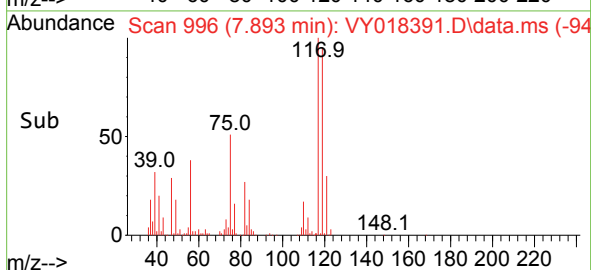
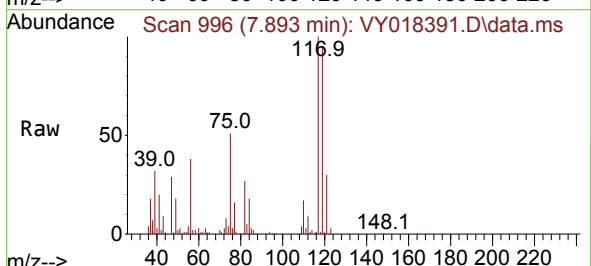
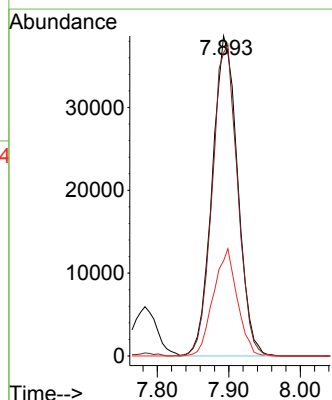
Tgt Ion: 117 Resp: 95479

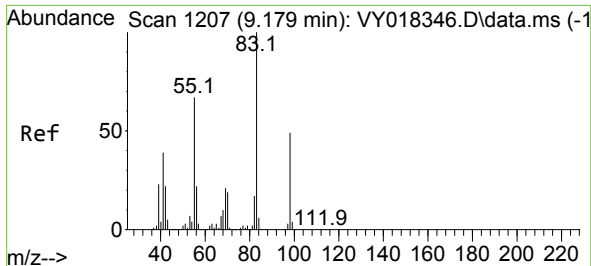
Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

121 29.7 24.0 36.0





#39

Methylcyclohexane

Concen: 45.290 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

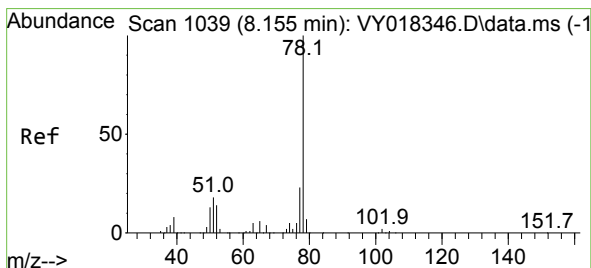
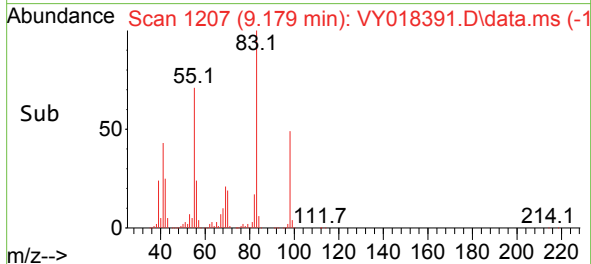
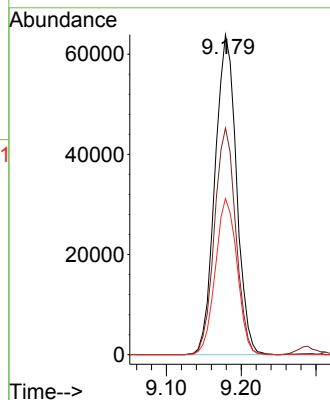
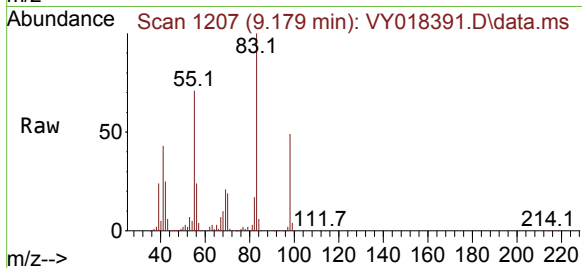
Tgt Ion: 83 Resp: 127858

Ion Ratio Lower Upper

83 100

55 70.9 51.5 77.3

98 48.8 40.5 60.7



#40

Benzene

Concen: 50.053 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018391.D

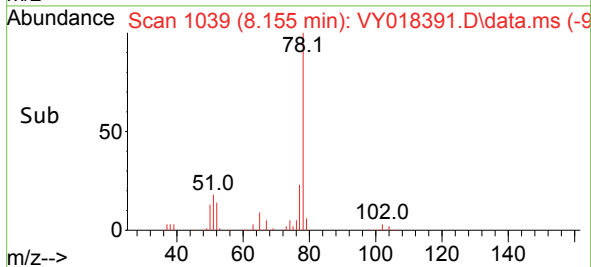
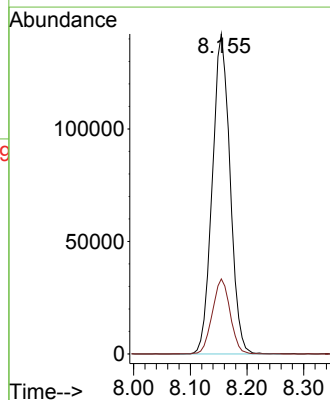
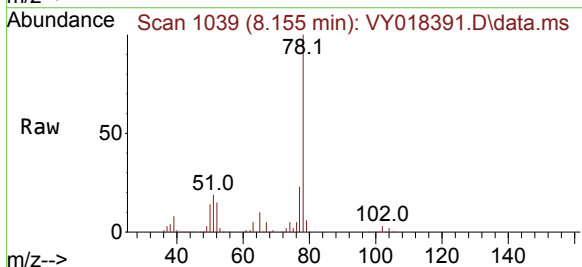
Acq: 29 May 2024 11:44

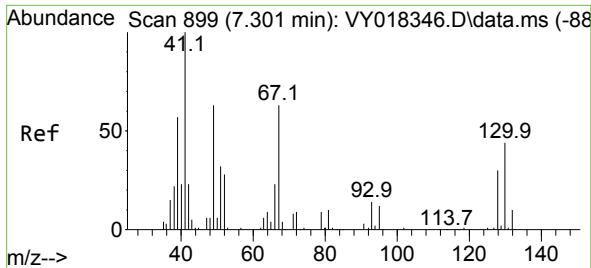
Tgt Ion: 78 Resp: 308790

Ion Ratio Lower Upper

78 100

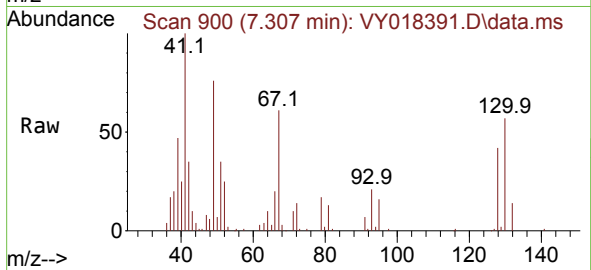
77 23.4 19.5 29.3



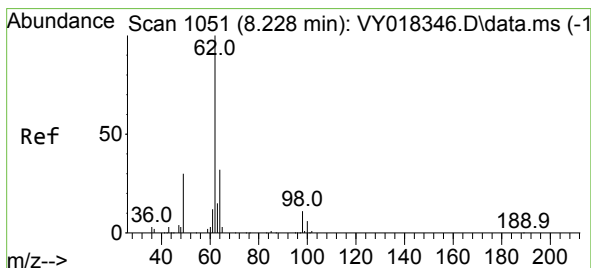
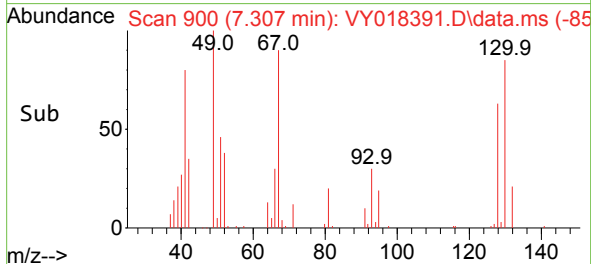
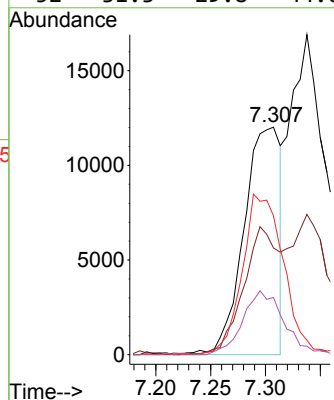


#41
Methacrylonitrile
Concen: 57.877 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Instrument :
MSVOA_Y
ClientSampleId :

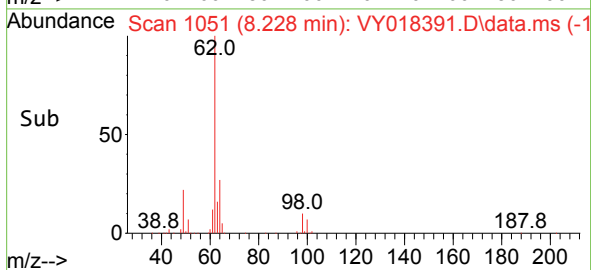
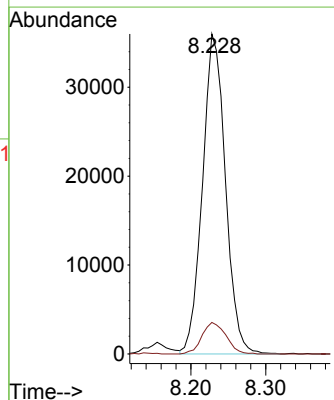
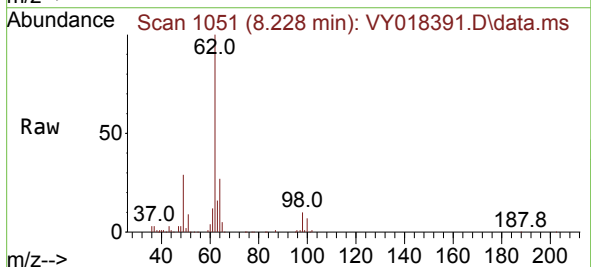


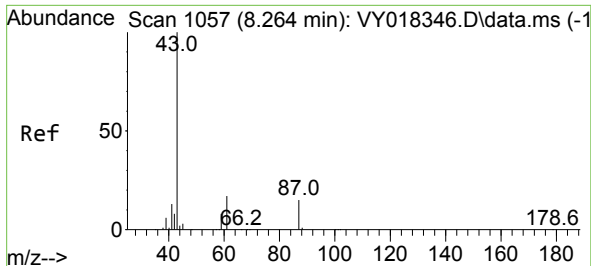
Tgt Ion:	41	Resp:	27969
Ion	Ratio	Lower	Upper
41	100		
39	52.4	48.0	72.0
67	79.1	75.1	112.7
52	31.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.730 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion:	62	Resp:	76767
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0

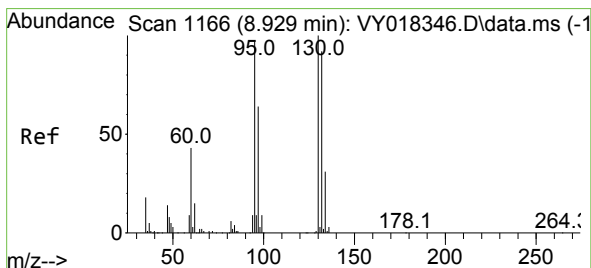
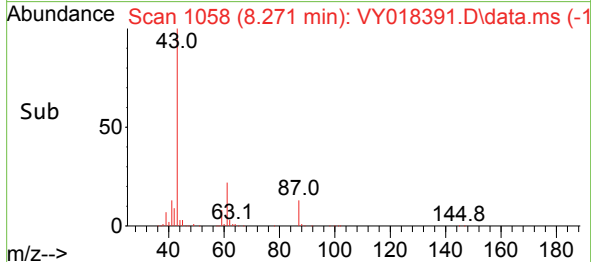
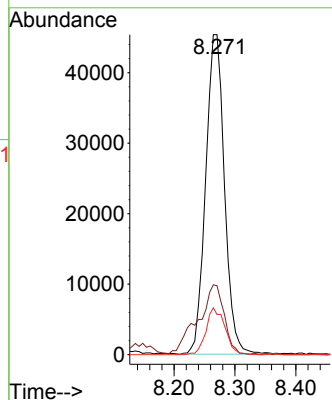
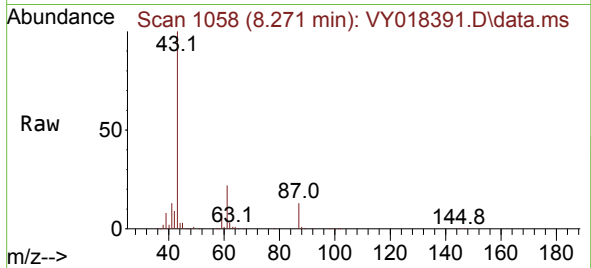




#43
Isopropyl Acetate
Concen: 51.603 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

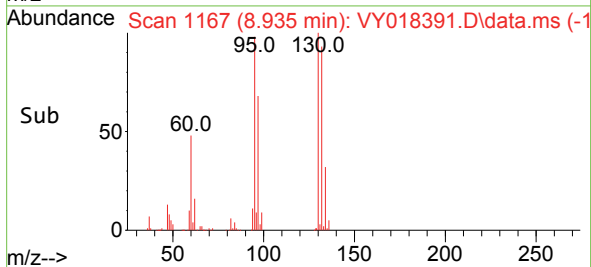
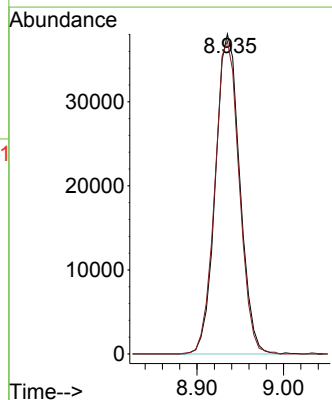
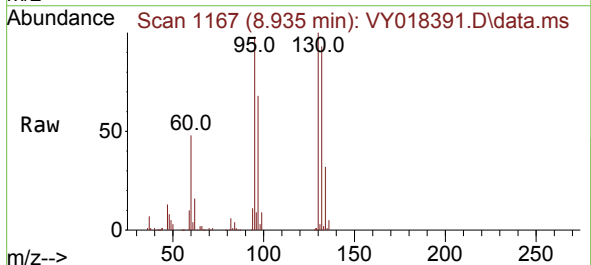
Instrument :
MSVOA_Y
ClientSampleId :

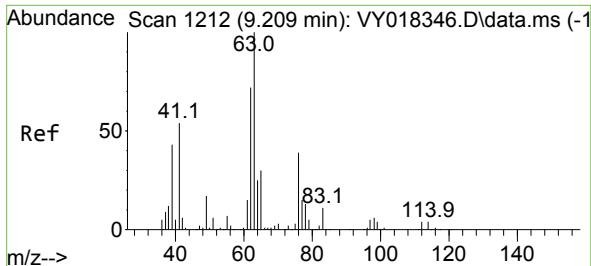
Tgt Ion: 43 Resp: 97473
Ion Ratio Lower Upper
43 100
61 30.3 27.9 41.9
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 46.784 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion:130 Resp: 73982
Ion Ratio Lower Upper
130 100
95 97.8 0.0 188.0

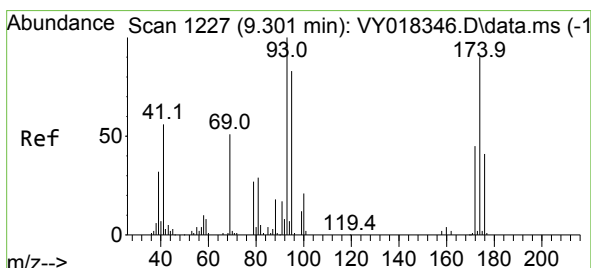
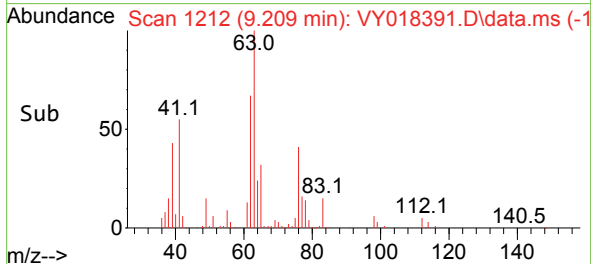
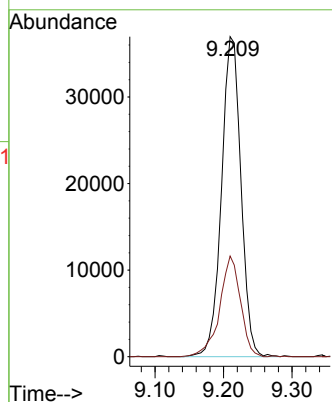
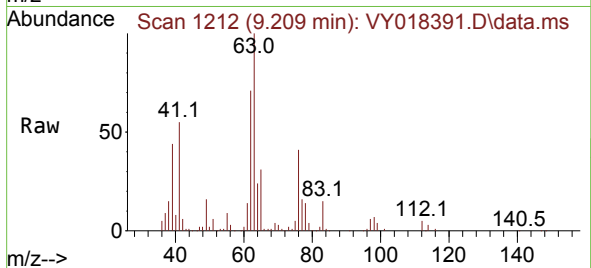




#45
1,2-Dichloropropane
Concen: 52.397 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

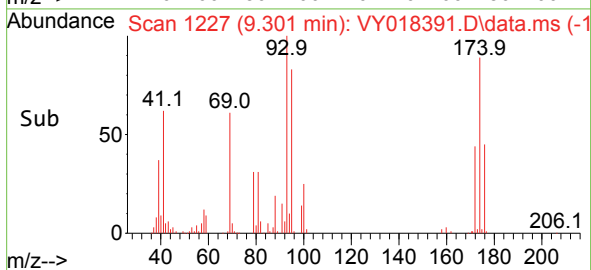
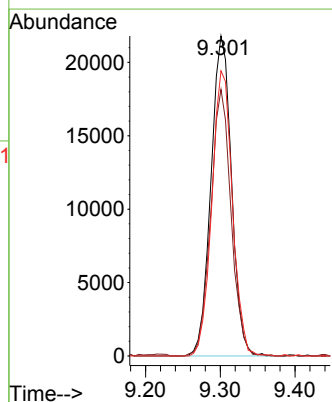
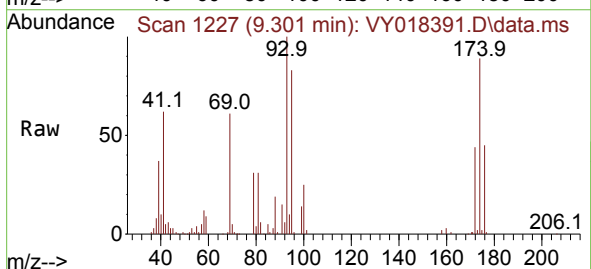
Instrument :
MSVOA_Y
ClientSampleId :

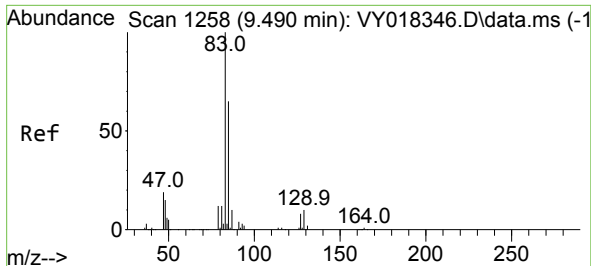
Tgt Ion: 63 Resp: 72703
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.2



#46
Dibromomethane
Concen: 51.057 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 93 Resp: 41570
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 89.4 80.9 121.3

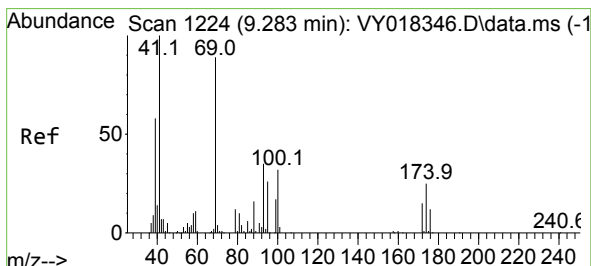
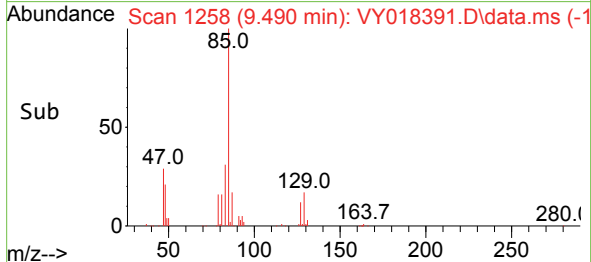
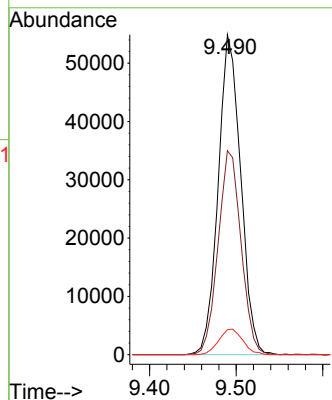
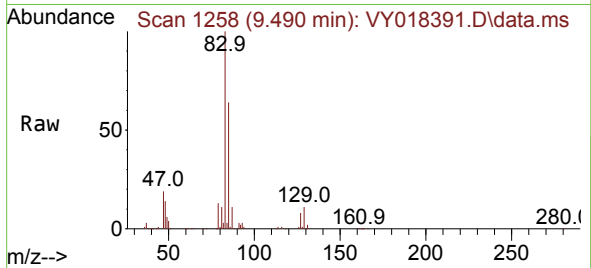




#47
Bromodichloromethane
Concen: 50.155 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

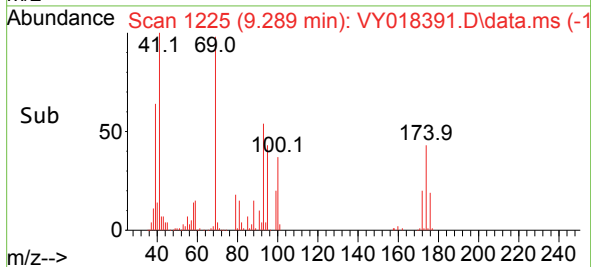
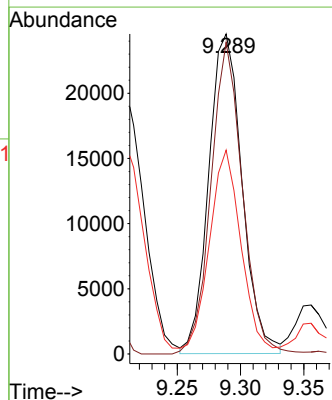
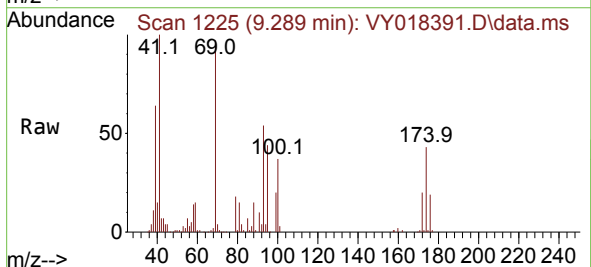
Instrument :
MSVOA_Y
ClientSampleId :

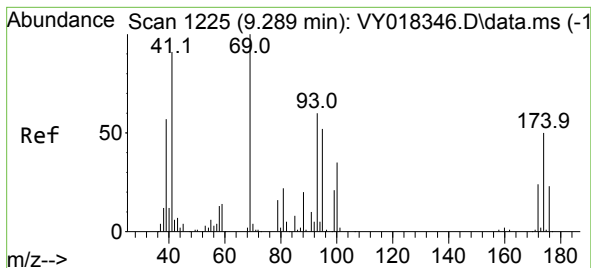
Tgt Ion: 83 Resp: 99104
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 52.684 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 41 Resp: 45015
Ion Ratio Lower Upper
41 100
69 91.8 84.1 126.1
39 57.2 43.6 65.4





#49

1,4-Dioxane

Concen: 977.118 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

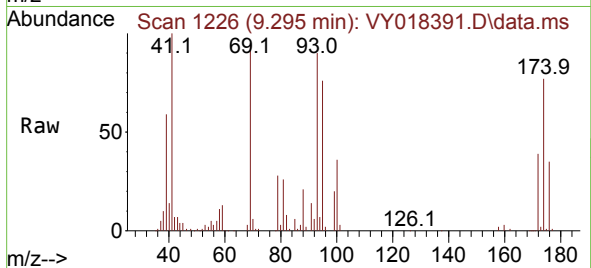
Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :



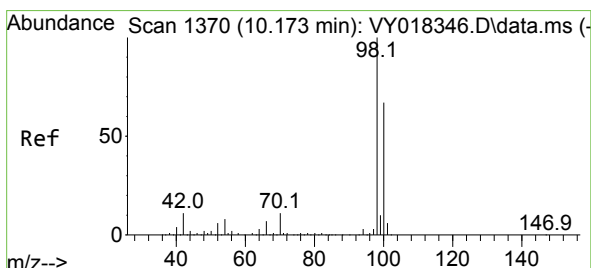
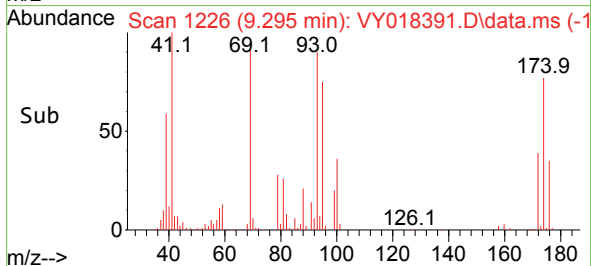
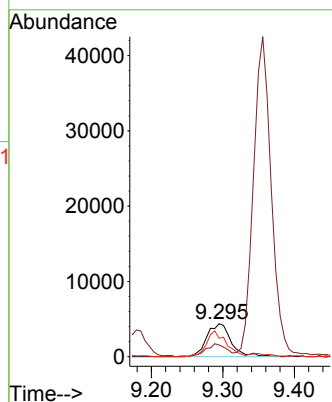
Tgt Ion: 88 Resp: 10322

Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 63.4 49.3 73.9



#50

Toluene-d8

Concen: 54.840 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018391.D

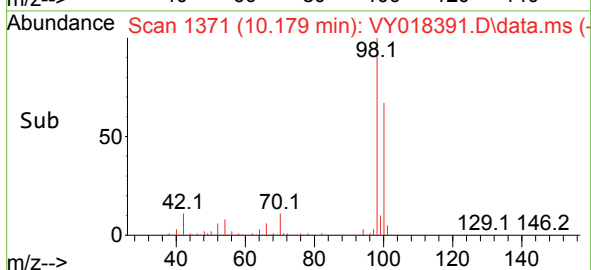
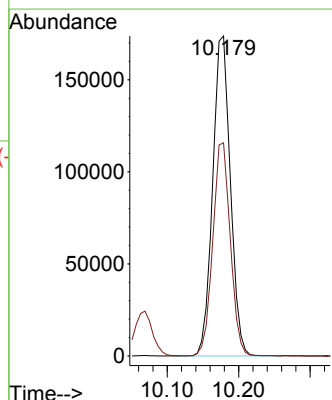
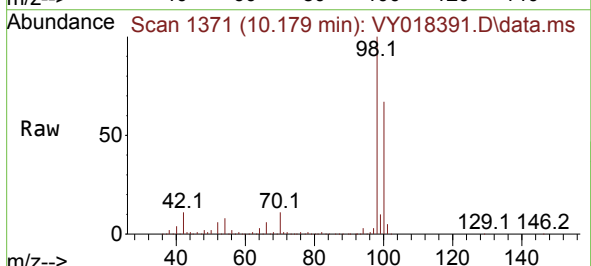
Acq: 29 May 2024 11:44

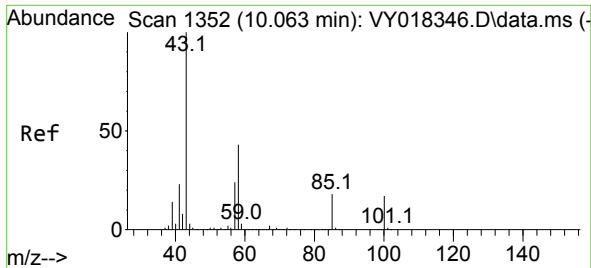
Tgt Ion: 98 Resp: 298366

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

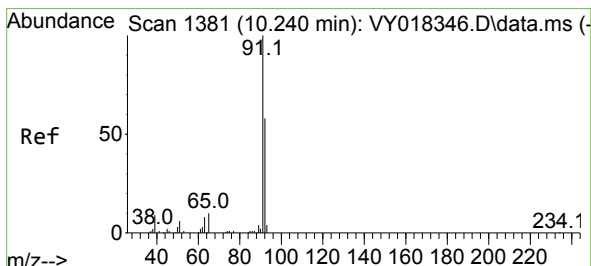
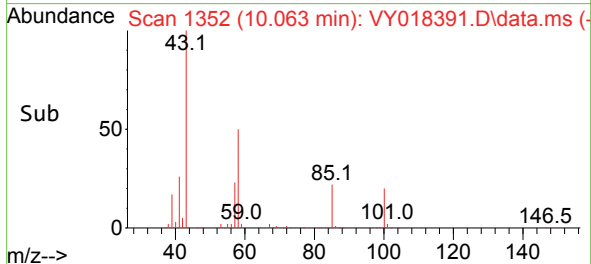
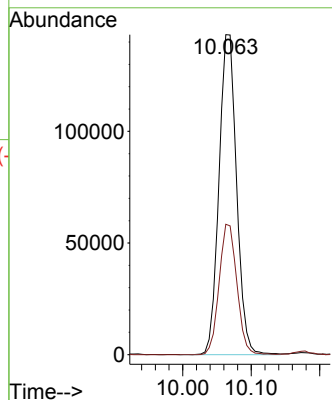
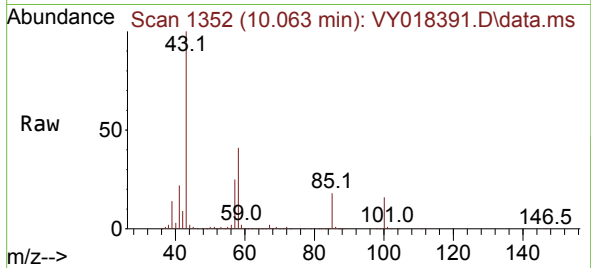




#51
4-Methyl-2-Pentanone
Concen: 267.049 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

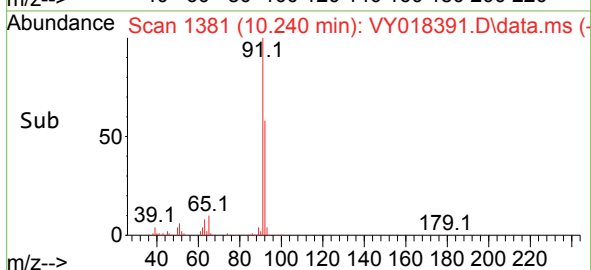
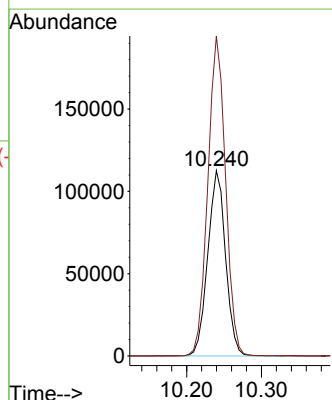
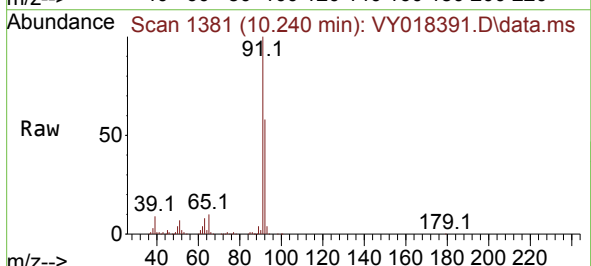
Instrument :
MSVOA_Y
ClientSampleId :

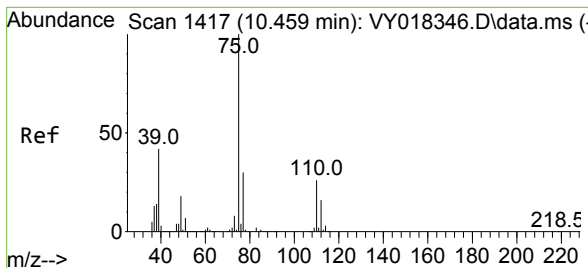
Tgt Ion: 43 Resp: 254578
Ion Ratio Lower Upper
43 100
58 41.2 35.7 53.5



#52
Toluene
Concen: 48.178 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 92 Resp: 186321
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6

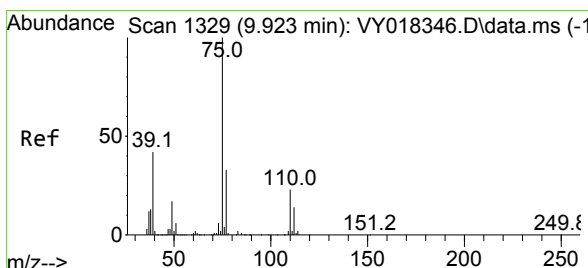
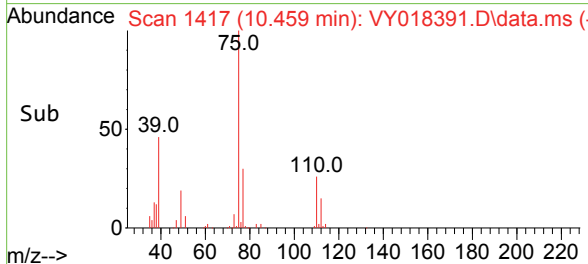
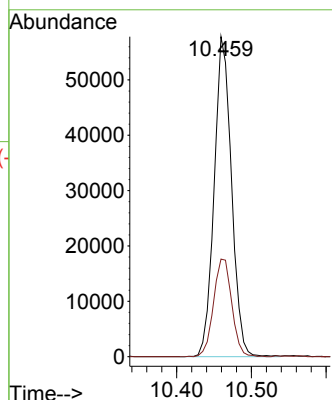
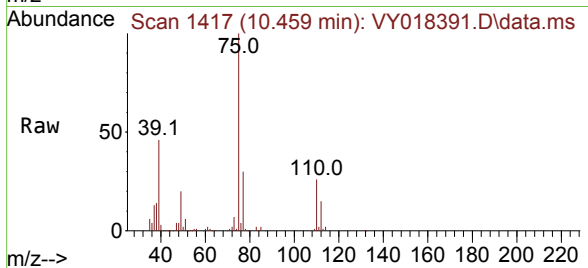




#53
 t-1,3-Dichloropropene
 Concen: 51.537 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018391.D
 Acq: 29 May 2024 11:44

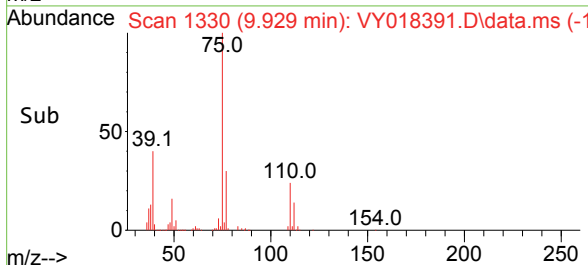
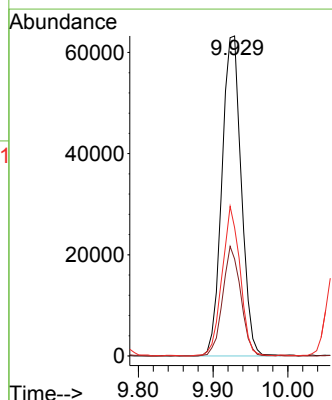
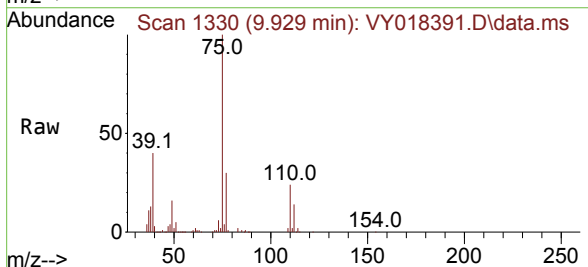
Instrument :
 MSVOA_Y
 ClientSampleId :

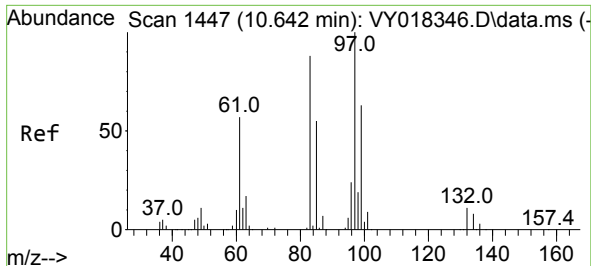
Tgt Ion: 75 Resp: 93103
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.655 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY018391.D
 Acq: 29 May 2024 11:44

Tgt Ion: 75 Resp: 114343
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0
 39 40.0 29.8 44.6

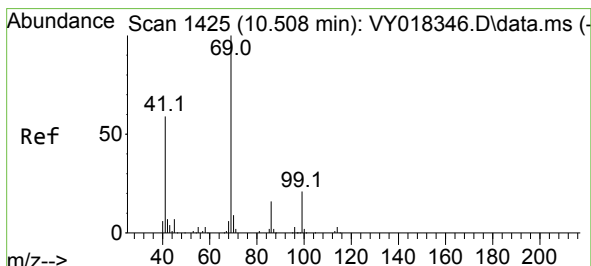
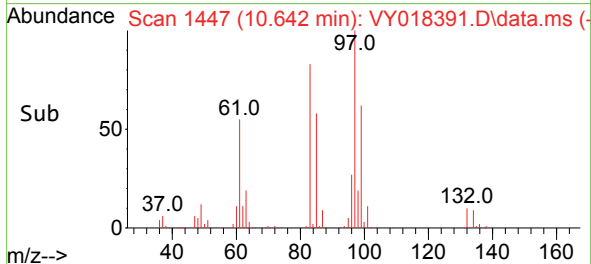
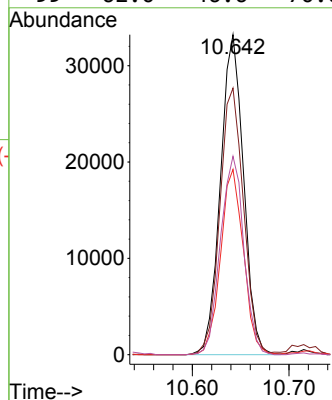
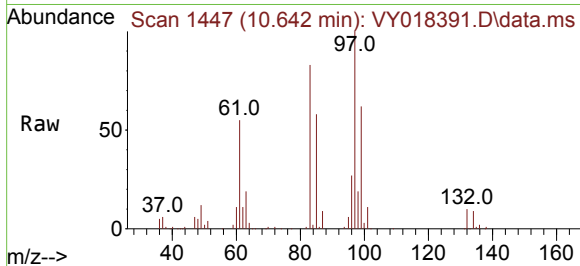




#55
1,1,2-Trichloroethane
Concen: 50.965 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

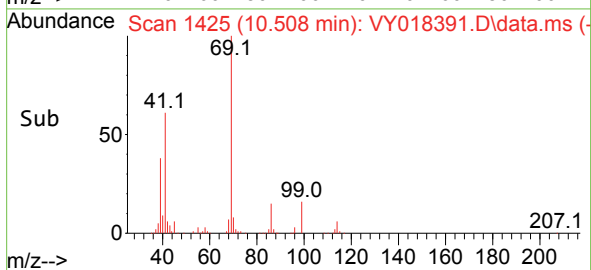
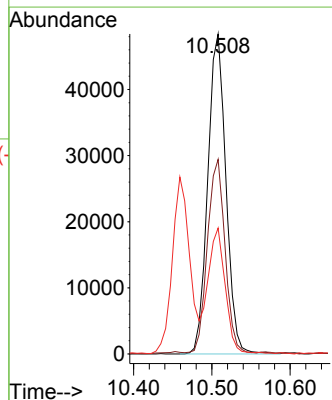
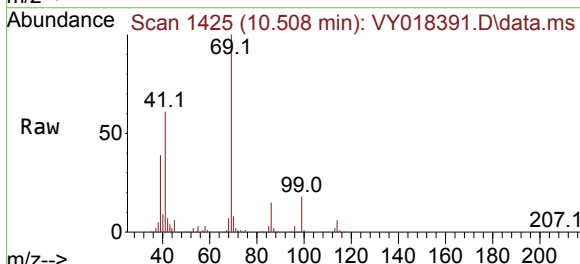
Instrument :
MSVOA_Y
ClientSampleId :

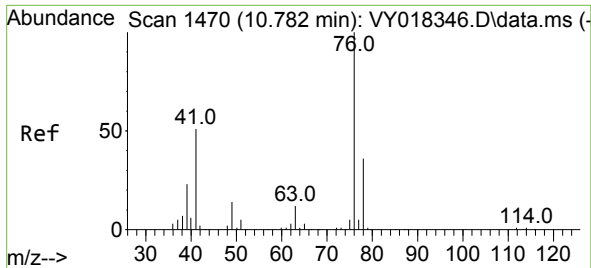
Tgt Ion:	97	Resp:	54974
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.5	101.3
85	57.9	42.9	64.3
99	62.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.640 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

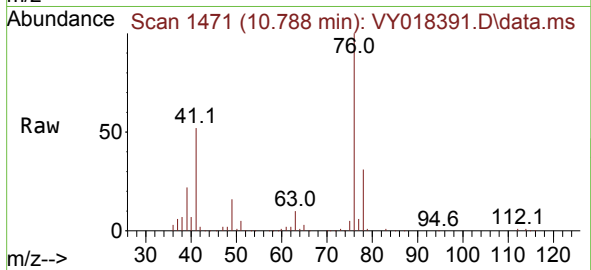
Tgt Ion:	69	Resp:	77883
Ion	Ratio	Lower	Upper
69	100		
41	58.5	42.3	63.5
39	37.3	22.9	34.3



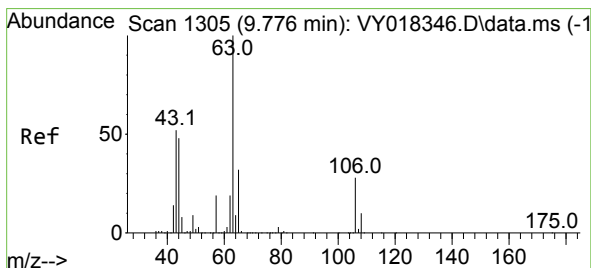
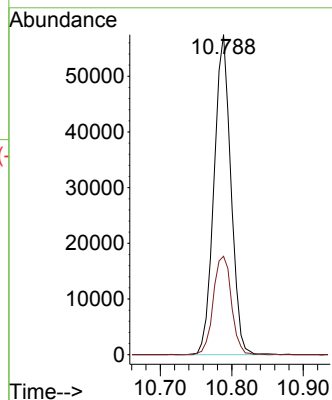
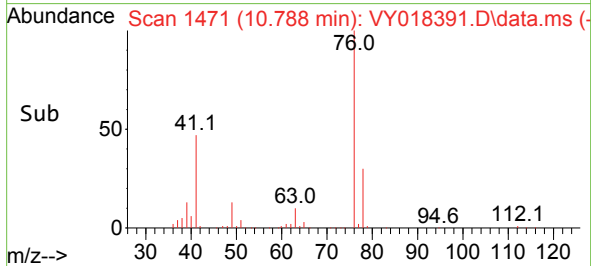


#57
1,3-Dichloropropane
Concen: 51.421 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Instrument :
MSVOA_Y
ClientSampleId :

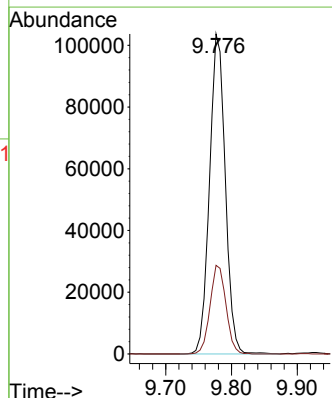
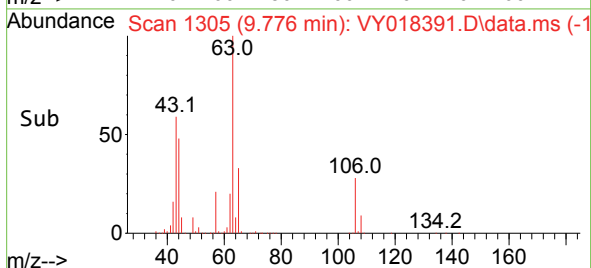
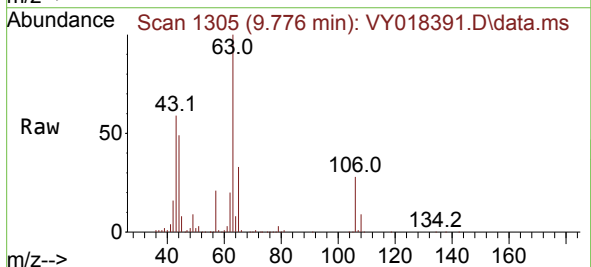


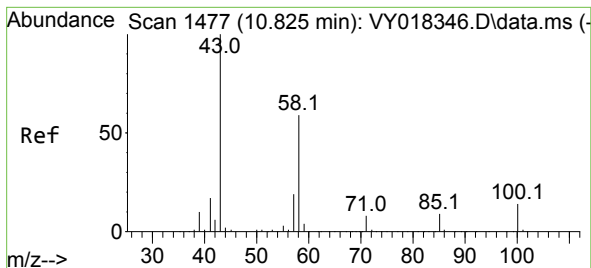
Tgt Ion: 76 Resp: 94010
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 258.856 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 63 Resp: 173056
Ion Ratio Lower Upper
63 100
106 27.9 23.7 35.5

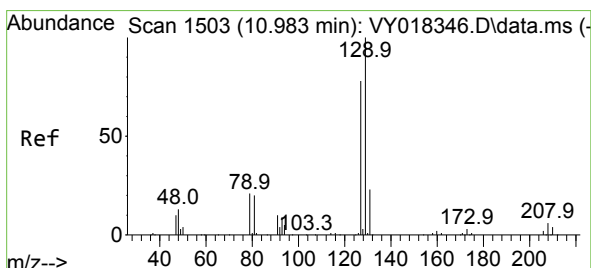
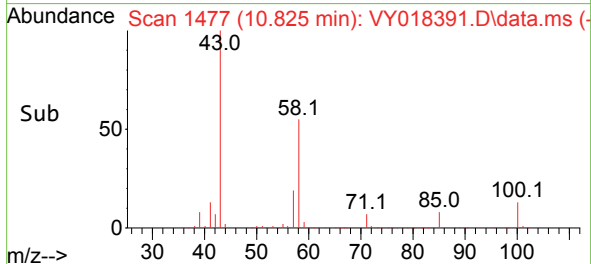
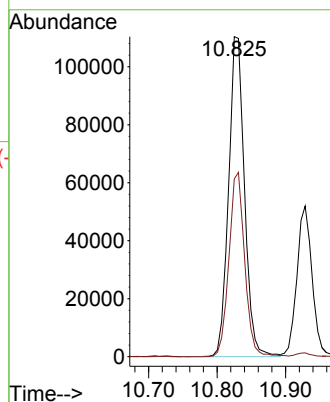
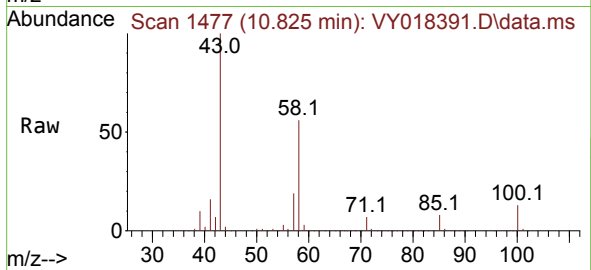




#59
2-Hexanone
Concen: 271.605 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

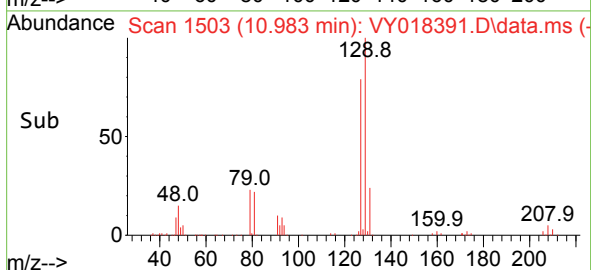
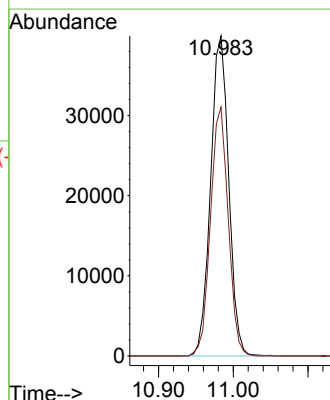
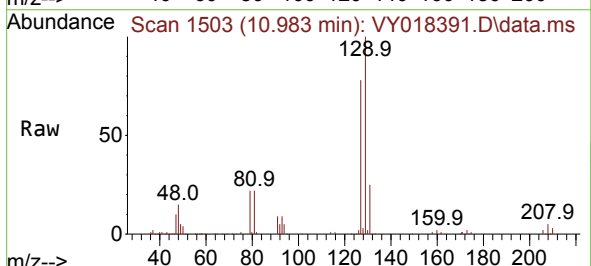
Instrument :
MSVOA_Y
ClientSampleId :

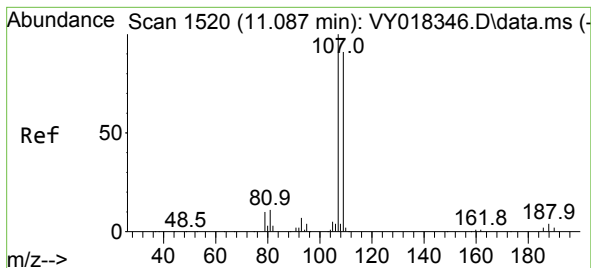
Tgt Ion: 43 Resp: 178162
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 51.659 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 129 Resp: 67305
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0

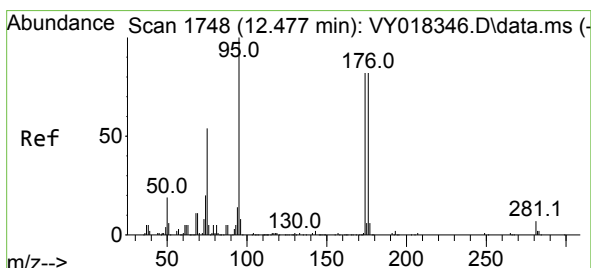
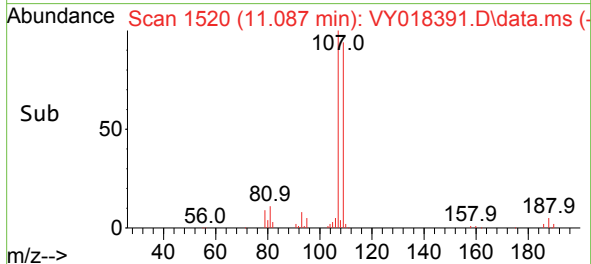
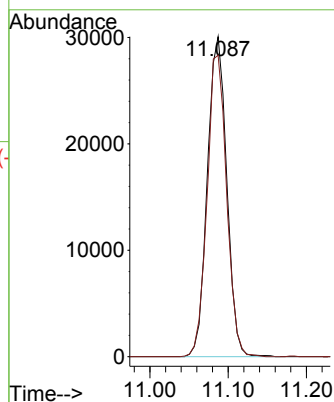
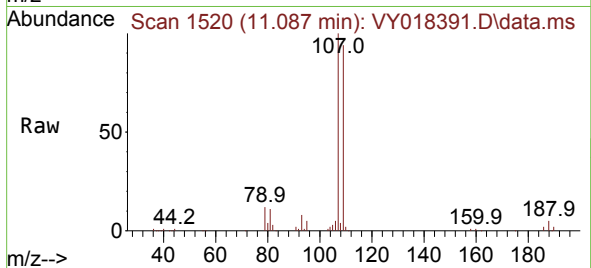




#61
1,2-Dibromoethane
Concen: 51.826 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

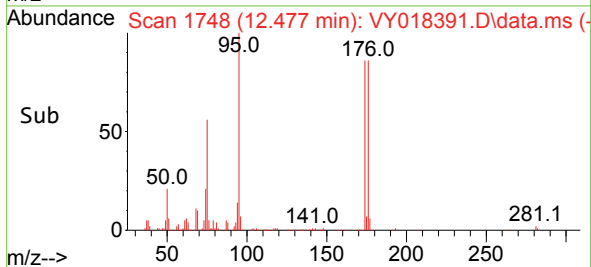
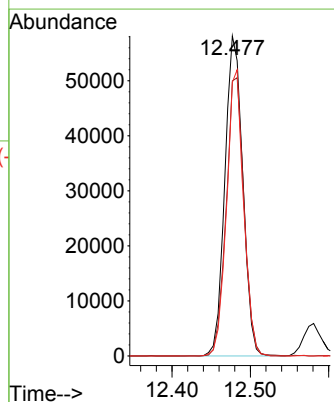
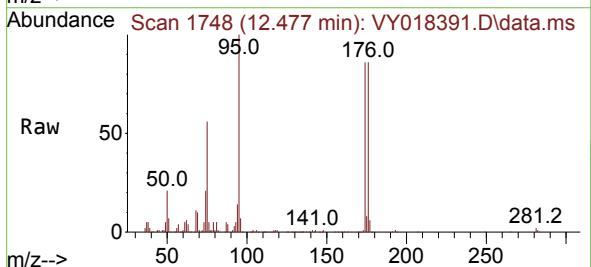
Instrument :
MSVOA_Y
ClientSampleId :

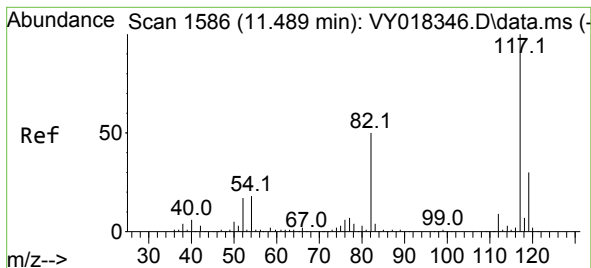
Tgt Ion:107 Resp: 51582
Ion Ratio Lower Upper
107 100
109 95.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.861 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

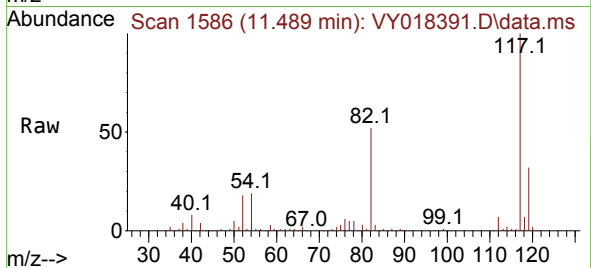
Tgt Ion: 95 Resp: 92228
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 84.8 0.0 171.4



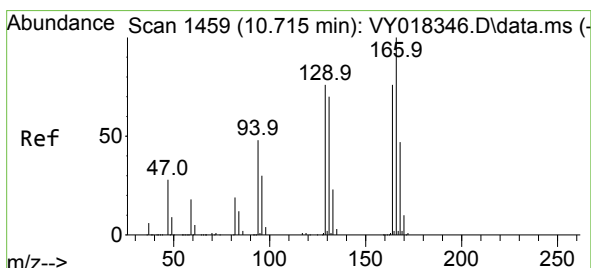
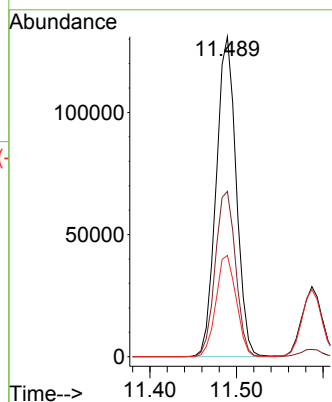
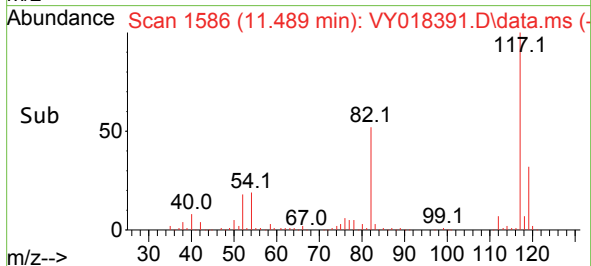


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Instrument :
MSVOA_Y
ClientSampleId :

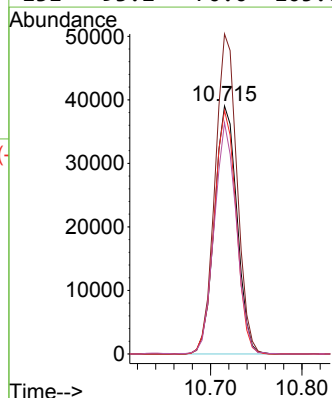
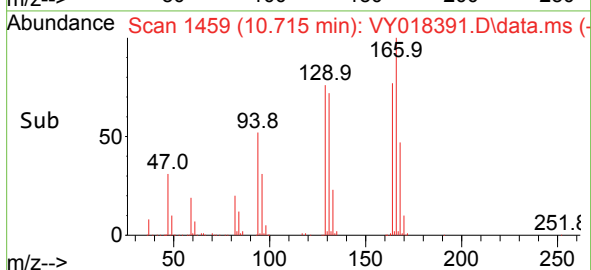
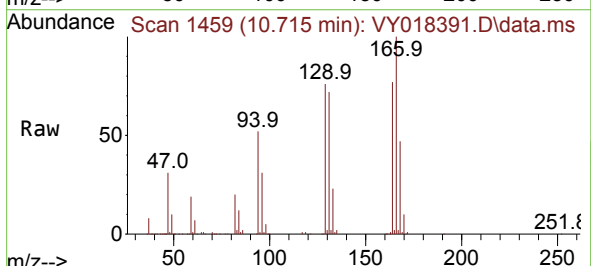


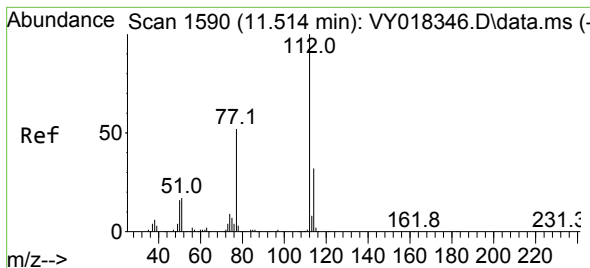
Tgt Ion:117 Resp: 210401
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 44.670 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion:164 Resp: 66671
Ion Ratio Lower Upper
164 100
166 129.0 102.6 154.0
129 98.2 72.0 108.0
131 93.2 70.0 105.0





#65

Chlorobenzene

Concen: 46.707 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

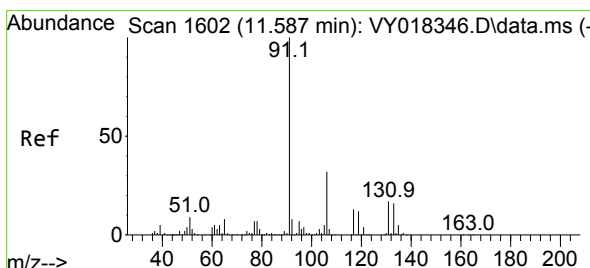
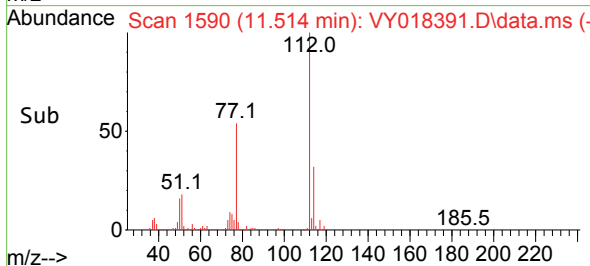
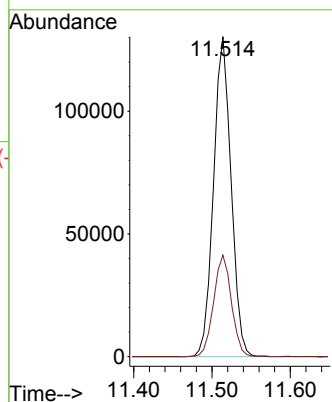
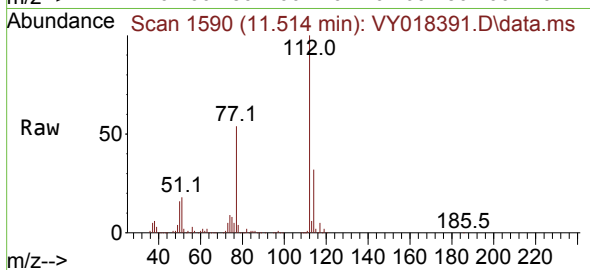
ClientSampleId :

Tgt Ion:112 Resp: 203004

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.953 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

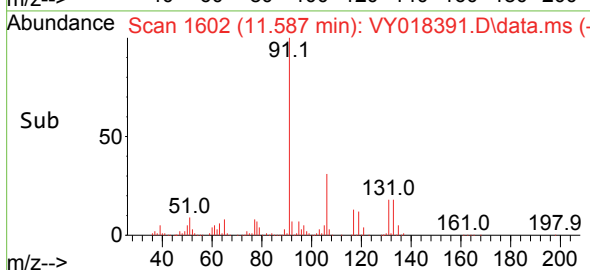
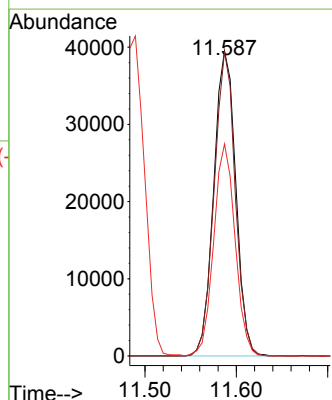
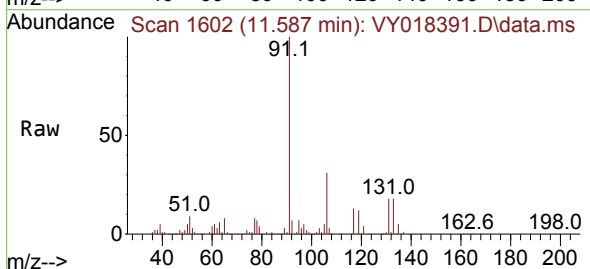
Tgt Ion:131 Resp: 65934

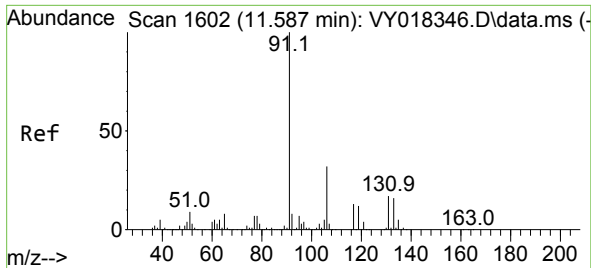
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 45.428 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

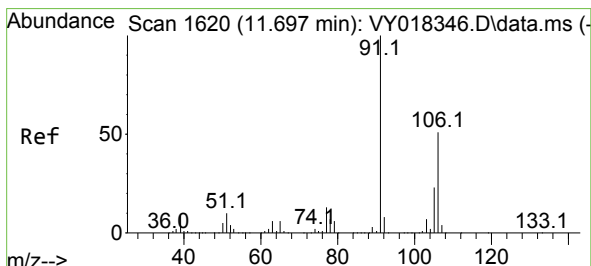
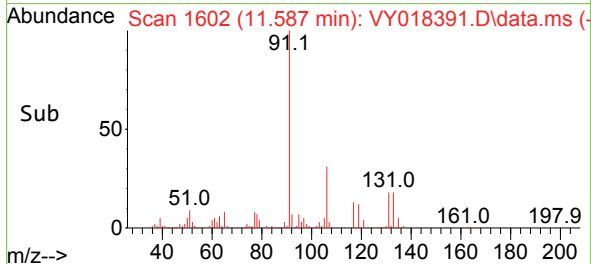
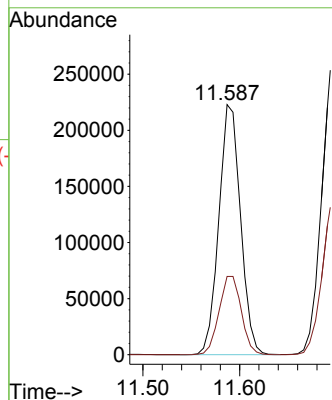
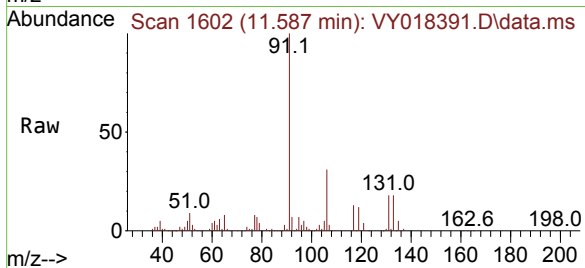
ClientSampleId :

Tgt Ion: 91 Resp: 346748

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 92.275 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018391.D

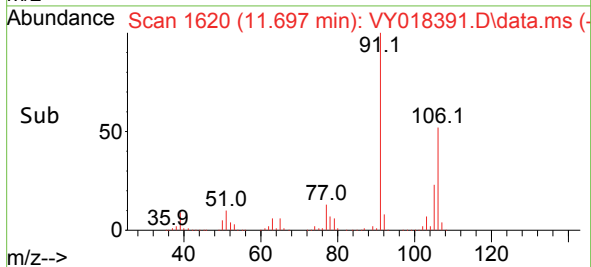
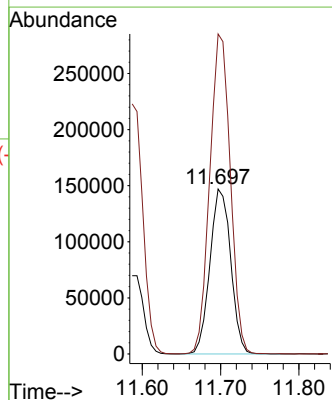
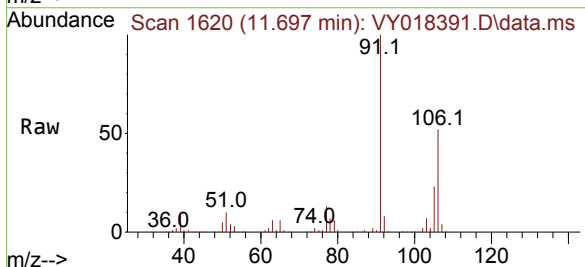
Acq: 29 May 2024 11:44

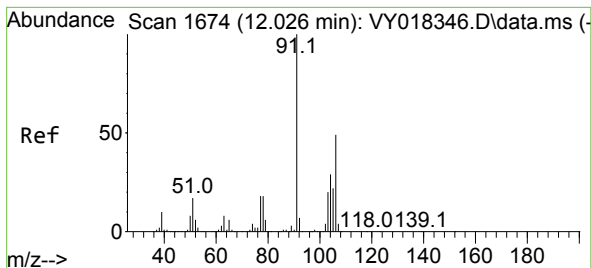
Tgt Ion:106 Resp: 270998

Ion Ratio Lower Upper

106 100

91 191.6 156.0 234.0





#69

o-Xylene

Concen: 46.301 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

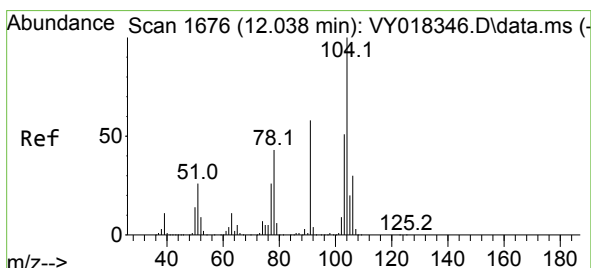
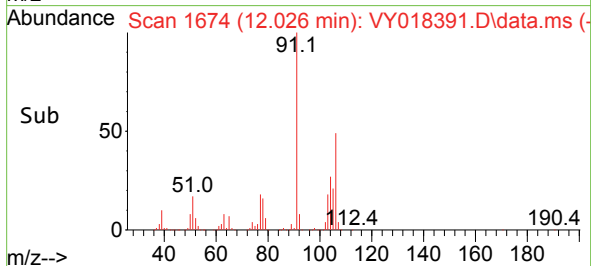
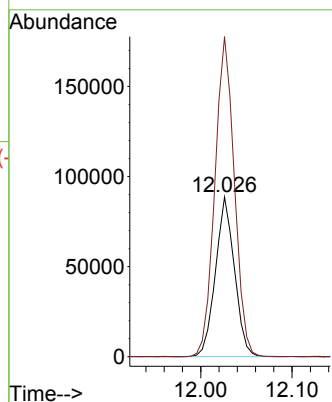
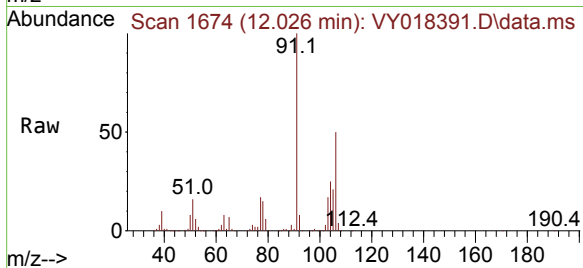
ClientSampleId :

Tgt Ion:106 Resp: 128327

Ion Ratio Lower Upper

106 100

91 206.0 103.6 310.8



#70

Styrene

Concen: 47.500 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

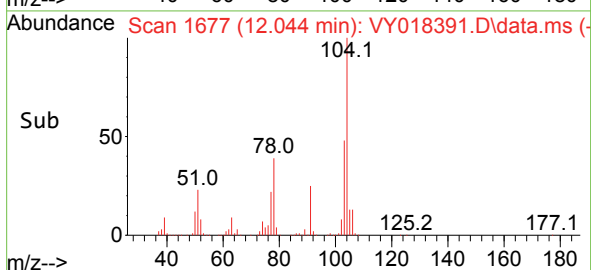
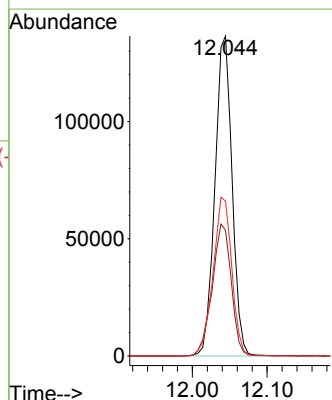
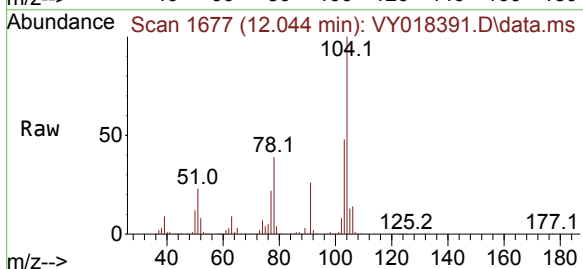
Tgt Ion:104 Resp: 217620

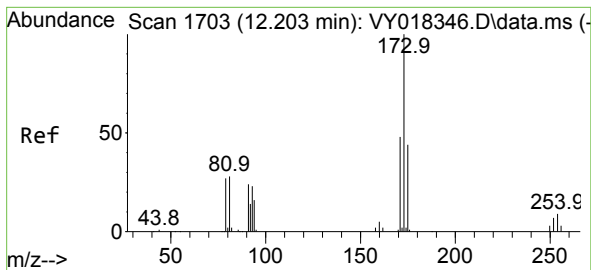
Ion Ratio Lower Upper

104 100

78 45.7 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 52.008 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

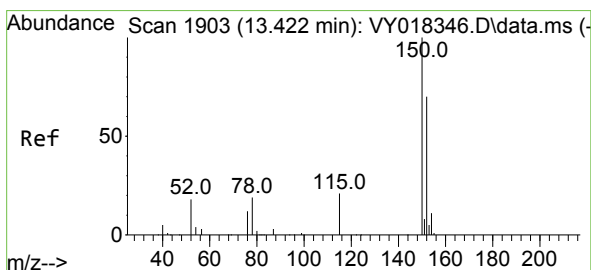
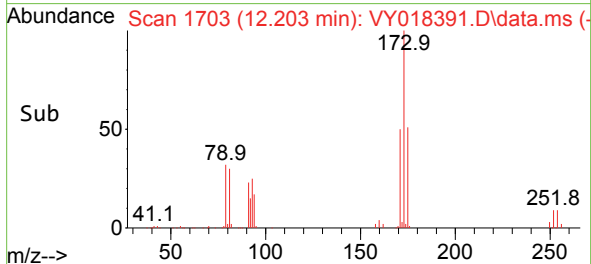
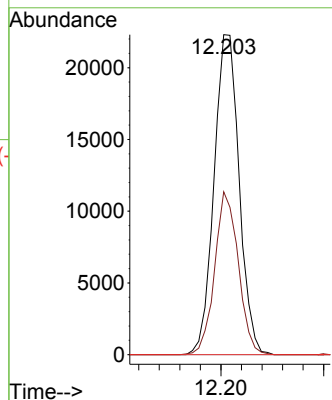
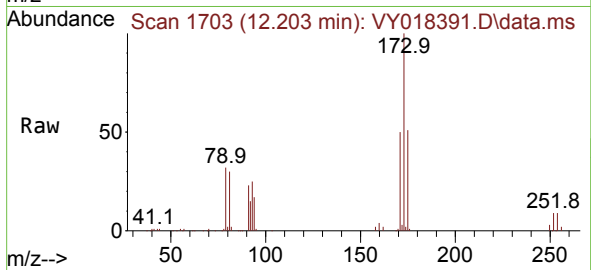
Tgt Ion:173 Resp: 37824

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

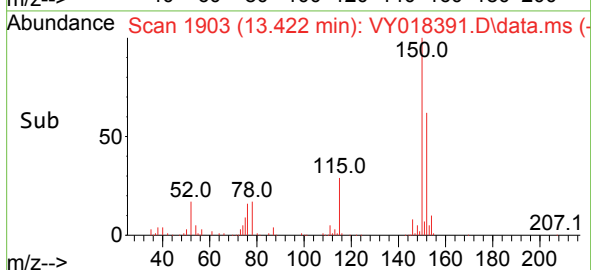
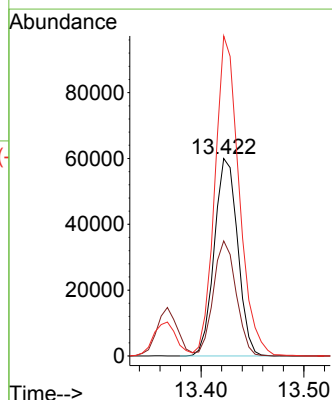
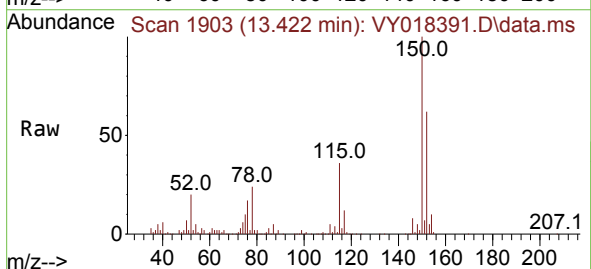
Tgt Ion:152 Resp: 94411

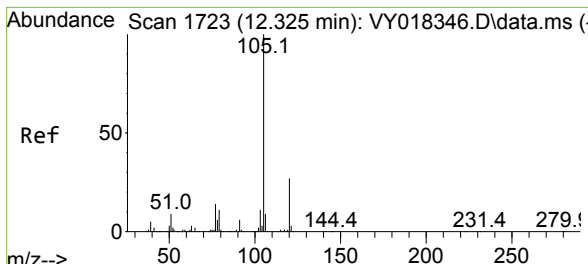
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

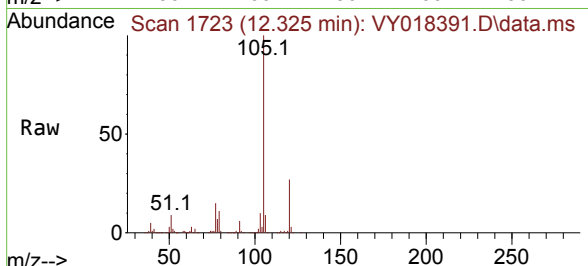
150 168.6 0.0 345.6



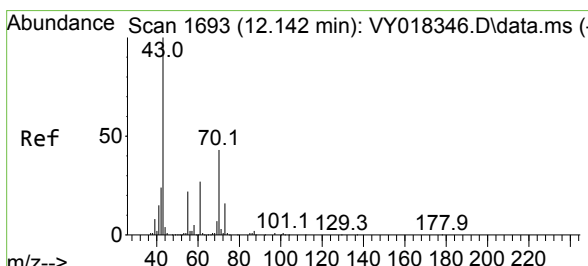
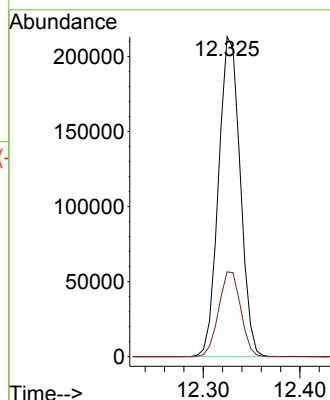
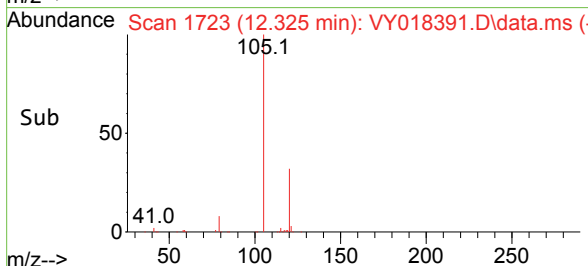


#73
Isopropylbenzene
Concen: 44.661 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

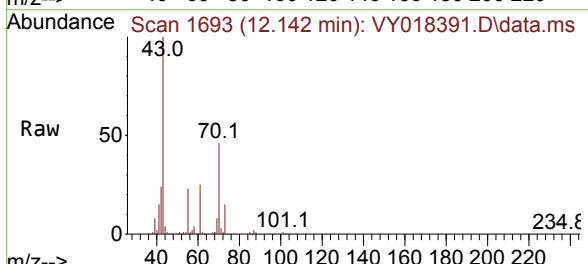
Instrument :
MSVOA_Y
ClientSampleId :



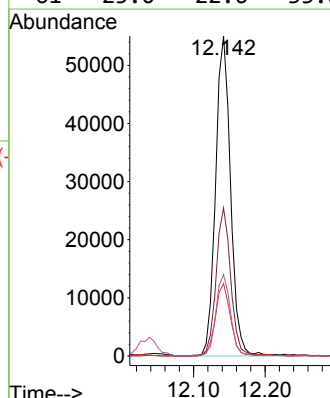
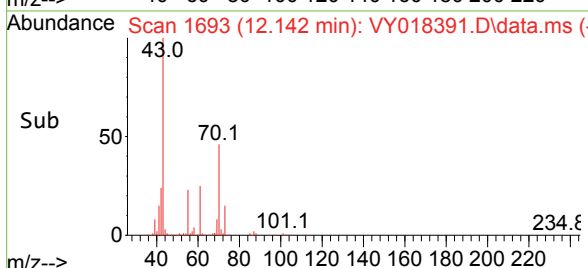
Tgt Ion:105 Resp: 331403
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1

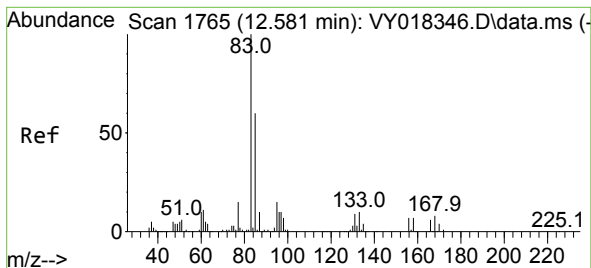


#74
N-ethyl acetate
Concen: 46.311 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44



Tgt Ion: 43 Resp: 80176
Ion Ratio Lower Upper
43 100
70 45.4 41.4 62.2
55 22.7 23.3 34.9#
61 25.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.414 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

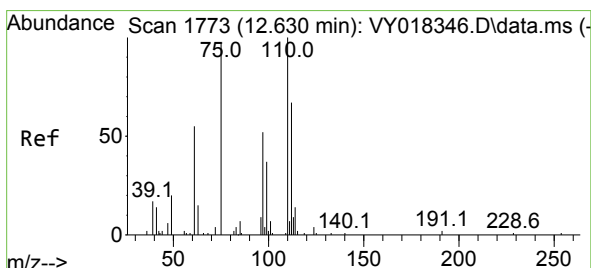
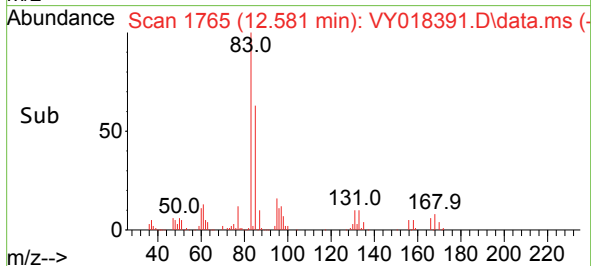
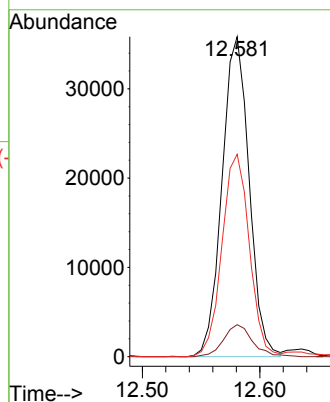
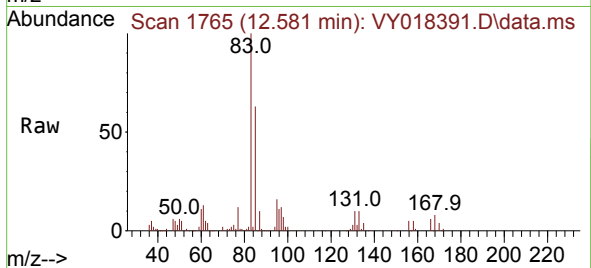
Tgt Ion: 83 Resp: 57421

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 87.207 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018391.D

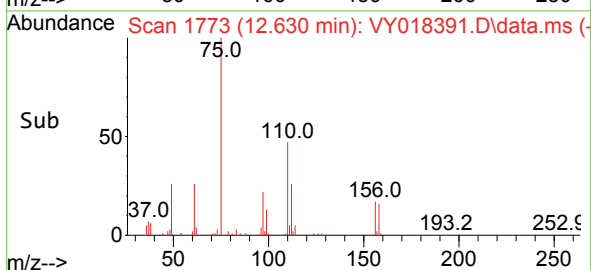
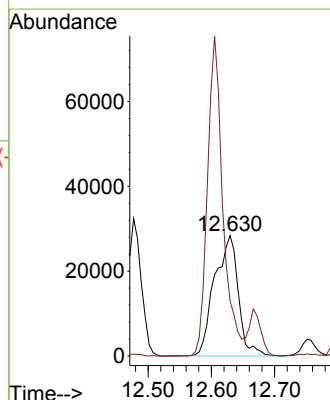
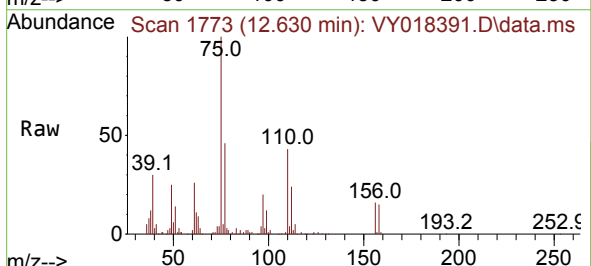
Acq: 29 May 2024 11:44

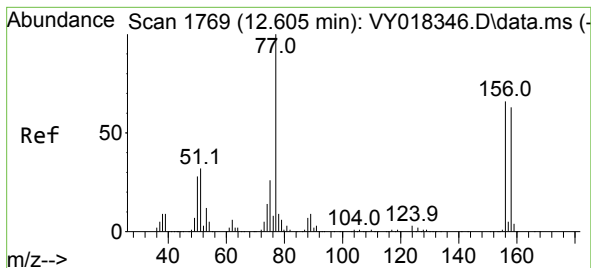
Tgt Ion: 75 Resp: 73999

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.791 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

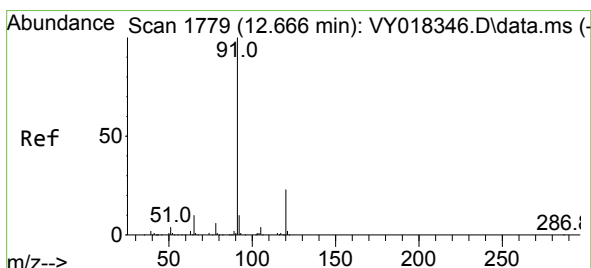
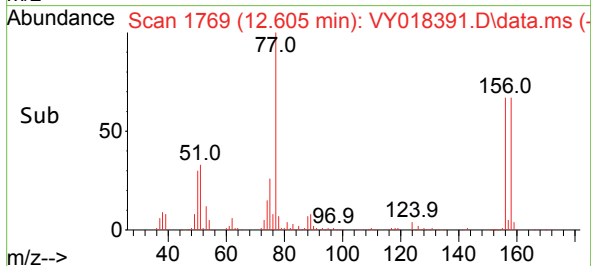
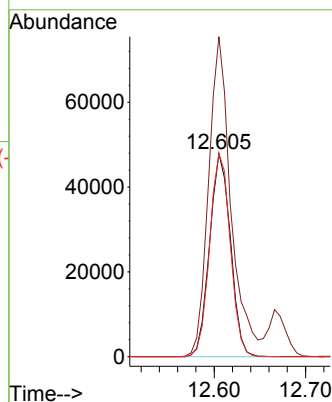
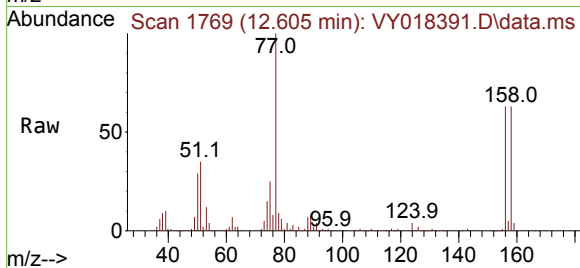
Tgt Ion:156 Resp: 76047

Ion Ratio Lower Upper

156 100

77 167.8 87.1 261.3

158 98.5 48.6 145.9



#78

n-propylbenzene

Concen: 43.912 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018391.D

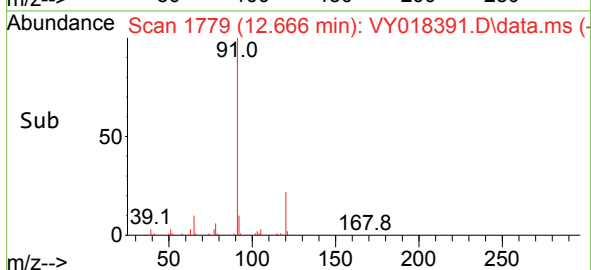
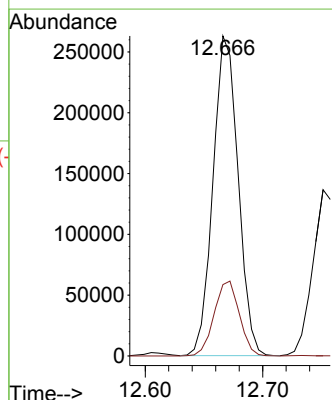
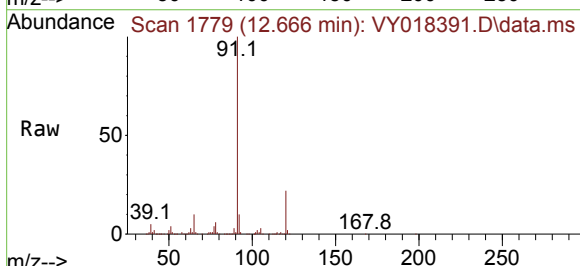
Acq: 29 May 2024 11:44

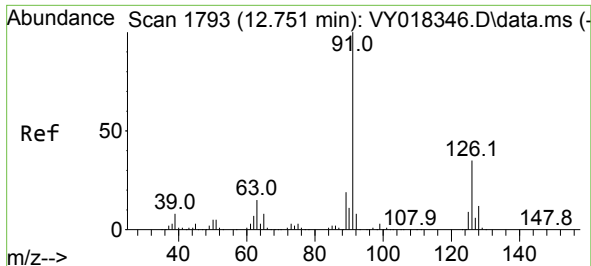
Tgt Ion: 91 Resp: 390162

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

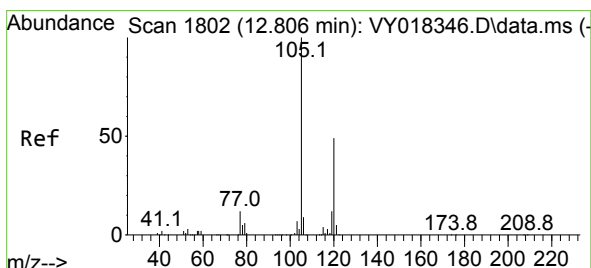
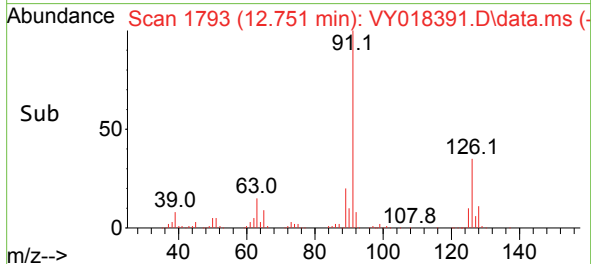
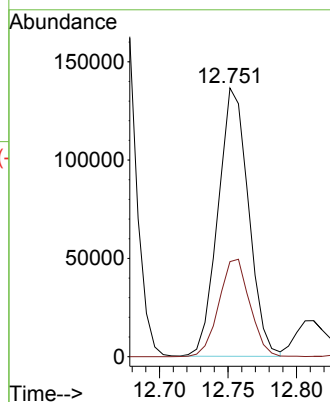
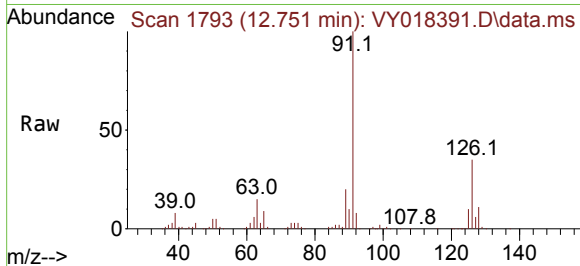




#79
2-Chlorotoluene
Concen: 43.965 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

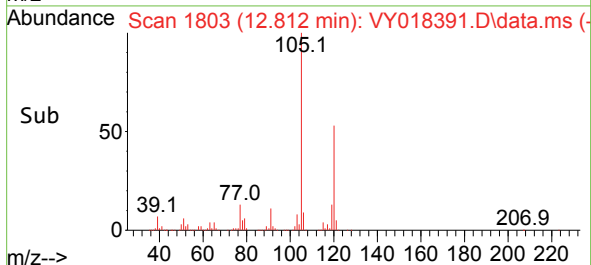
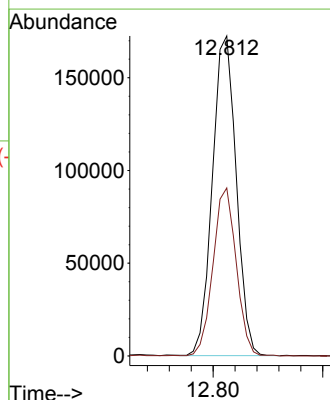
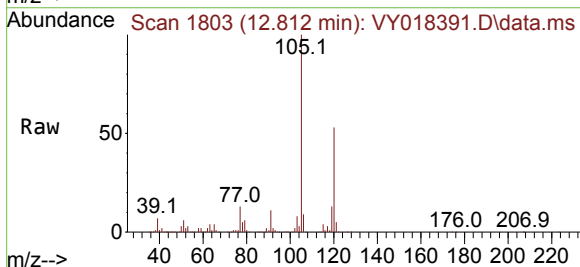
Instrument :
MSVOA_Y
ClientSampleId :

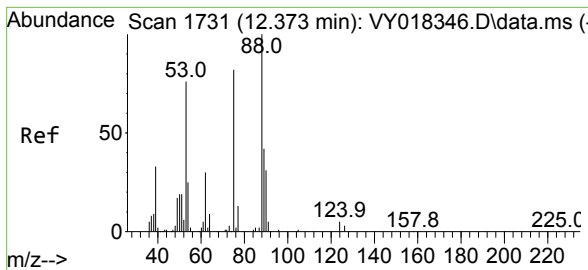
Tgt Ion: 91 Resp: 211483
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.624 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion:105 Resp: 260208
Ion Ratio Lower Upper
105 100
120 51.4 25.1 75.2

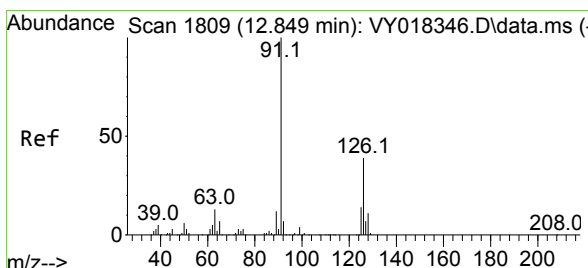
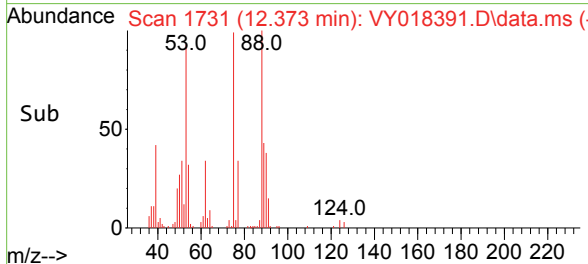
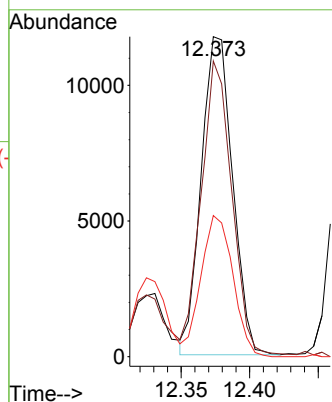
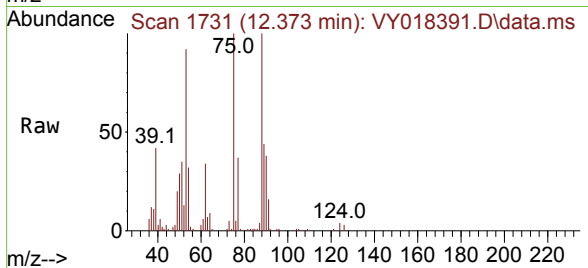




#81
trans-1,4-Dichloro-2-butene
Concen: 45.204 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

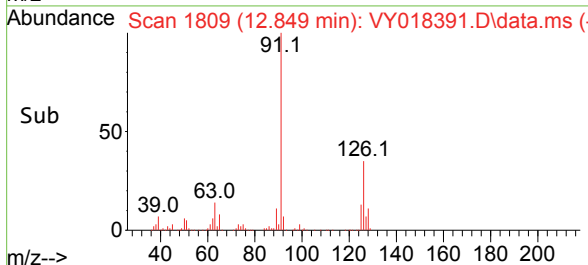
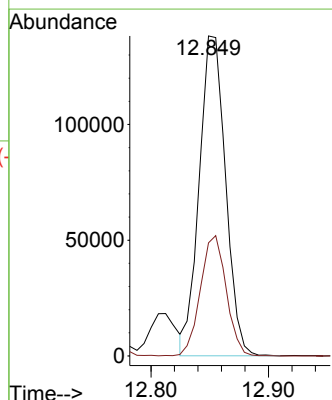
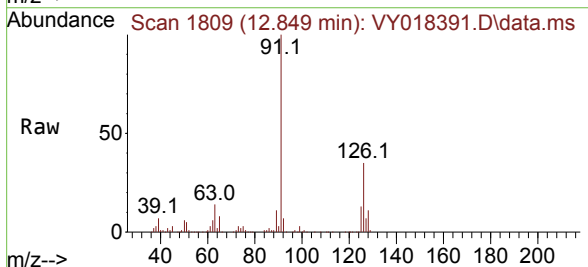
Instrument :
MSVOA_Y
ClientSampleId :

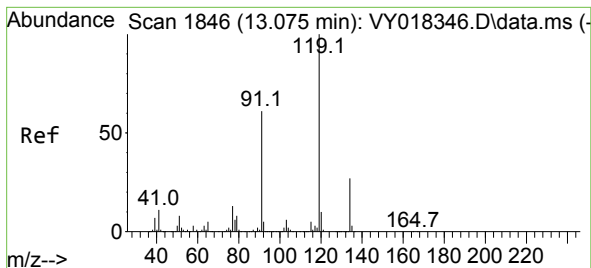
Tgt Ion: 75 Resp: 18643
Ion Ratio Lower Upper
75 100
53 90.3 66.8 100.2
89 45.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 44.116 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 91 Resp: 215164
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 45.367 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

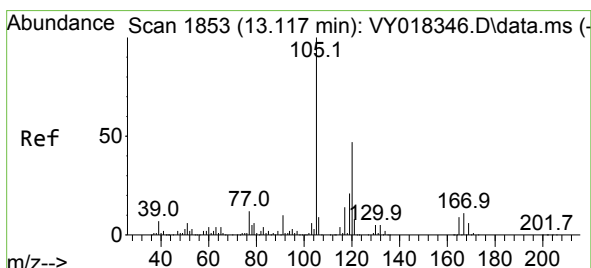
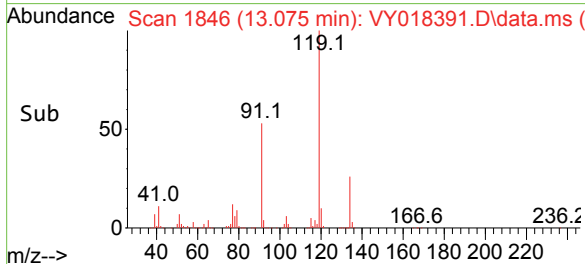
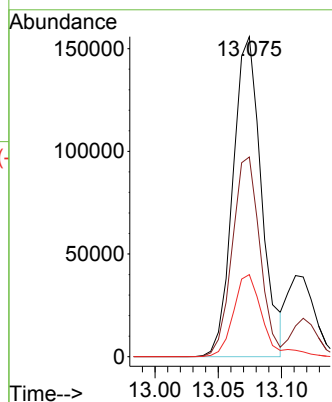
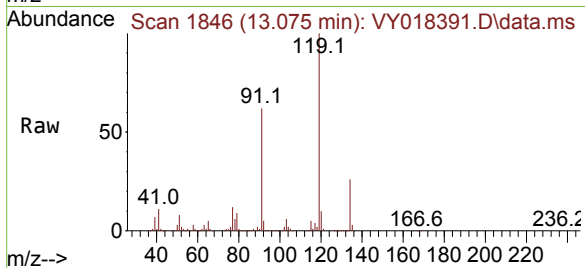
Tgt Ion:119 Resp: 244538

Ion Ratio Lower Upper

119 100

91 60.5 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 45.144 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018391.D

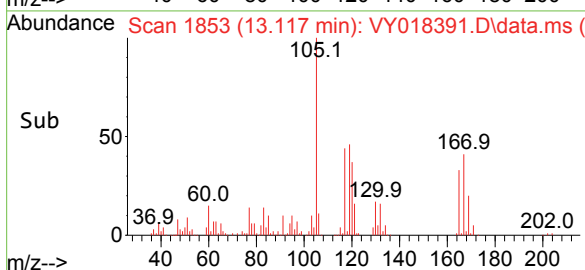
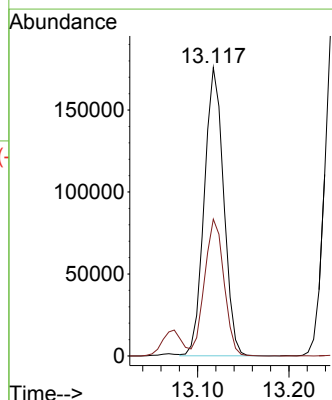
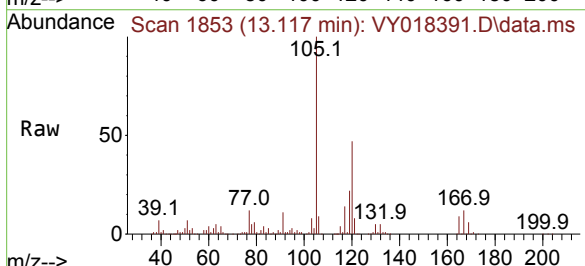
Acq: 29 May 2024 11:44

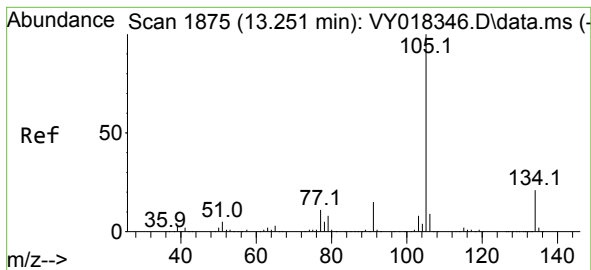
Tgt Ion:105 Resp: 258889

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 43.845 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

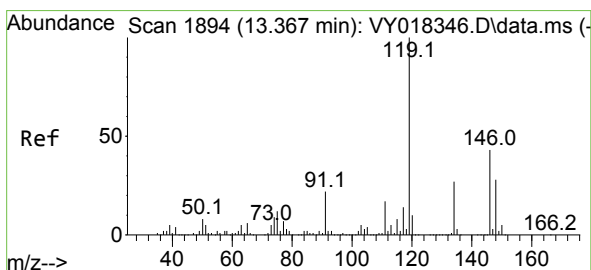
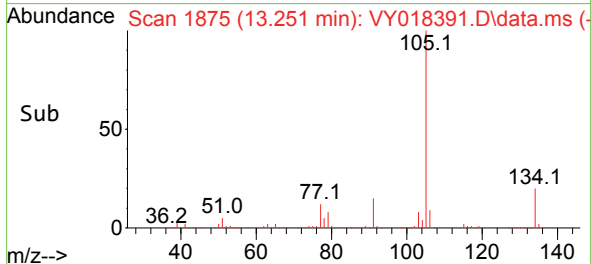
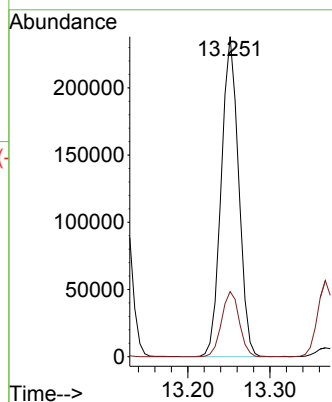
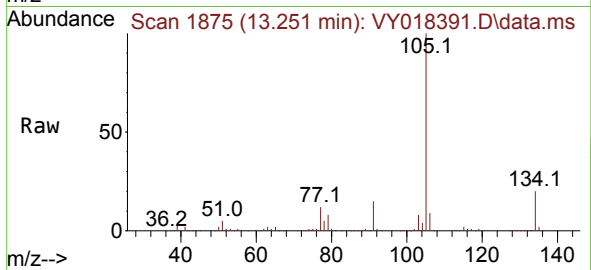
ClientSampleId :

Tgt Ion:105 Resp: 349526

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 44.861 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

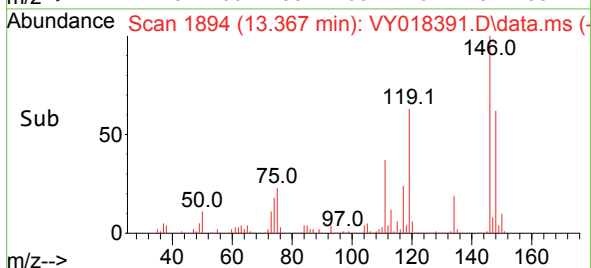
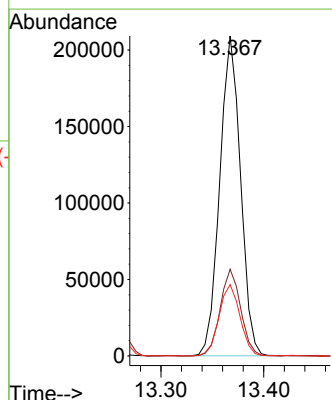
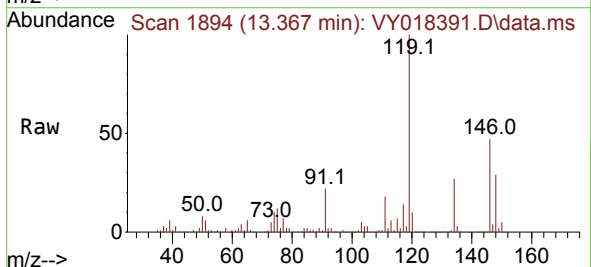
Tgt Ion:119 Resp: 292523

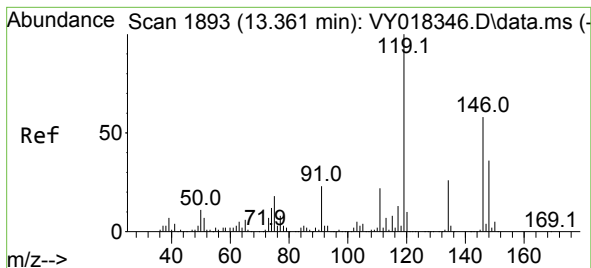
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.776 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

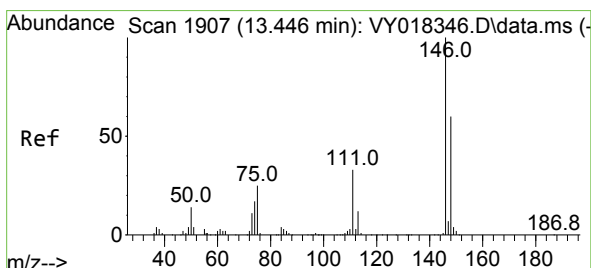
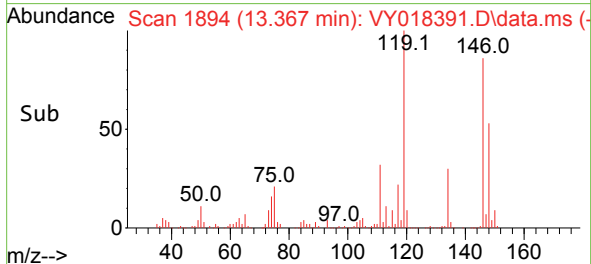
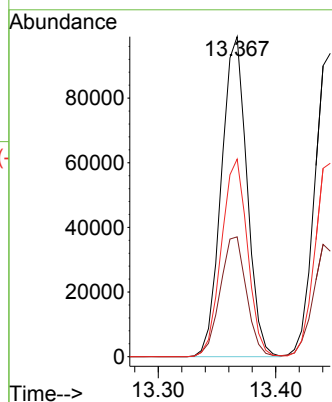
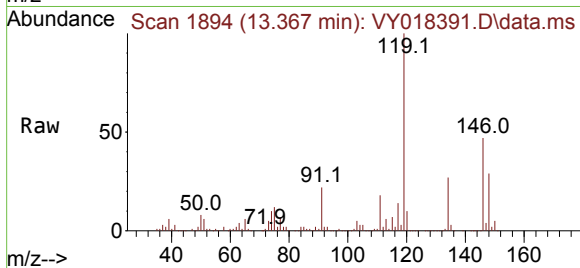
Tgt Ion:146 Resp: 149698

Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 62.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 45.399 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

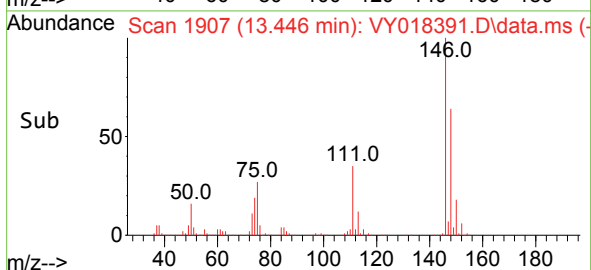
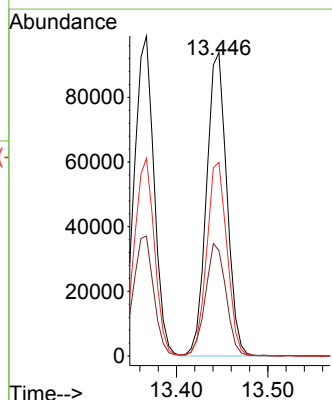
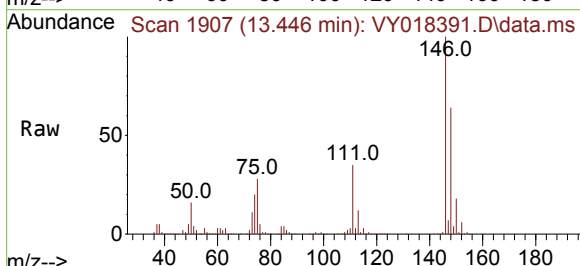
Tgt Ion:146 Resp: 144610

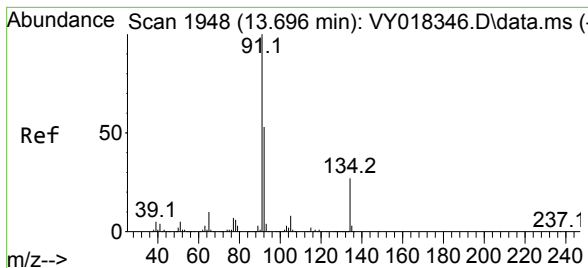
Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

148 63.9 32.4 97.2

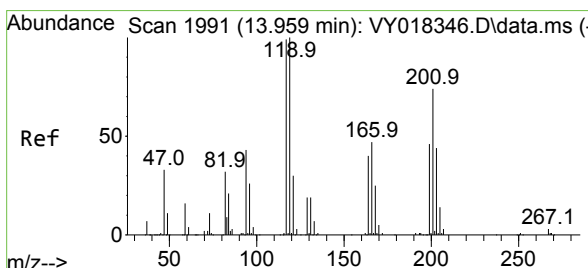
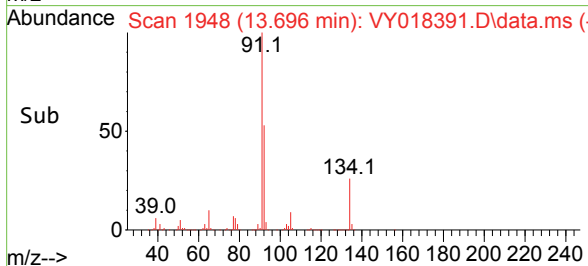
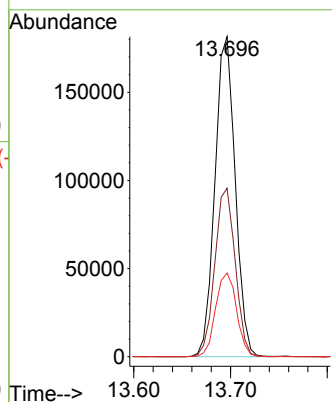
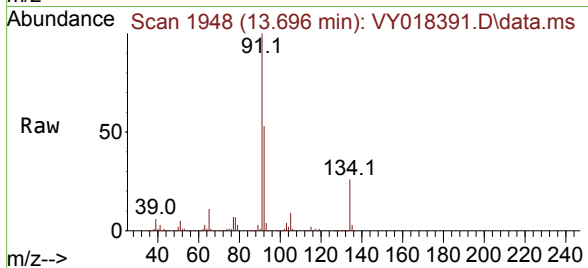




#89
n-Butylbenzene
Concen: 43.103 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

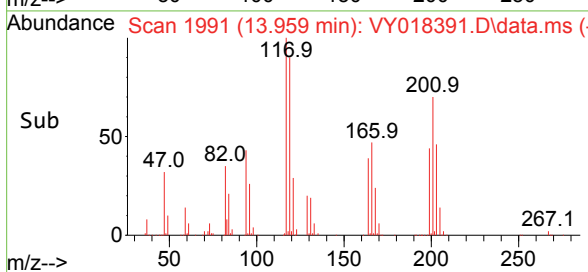
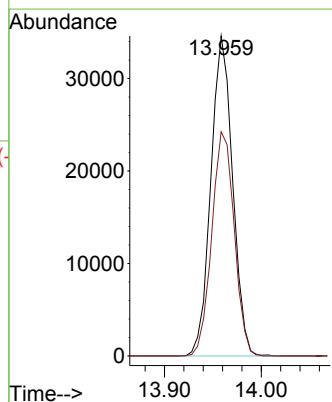
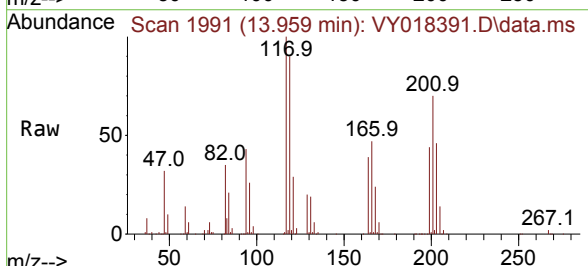
Instrument :
MSVOA_Y
ClientSampleId :

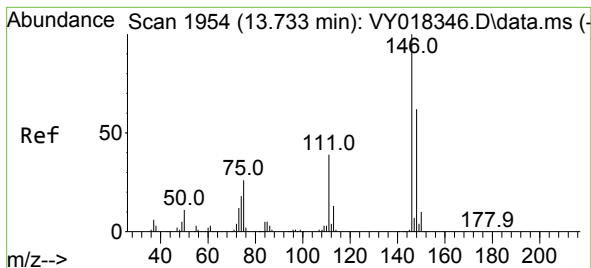
Tgt Ion: 91 Resp: 264121
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 27.0 12.9 38.7



#90
Hexachloroethane
Concen: 44.873 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion: 117 Resp: 54033
Ion Ratio Lower Upper
117 100
201 72.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 46.540 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

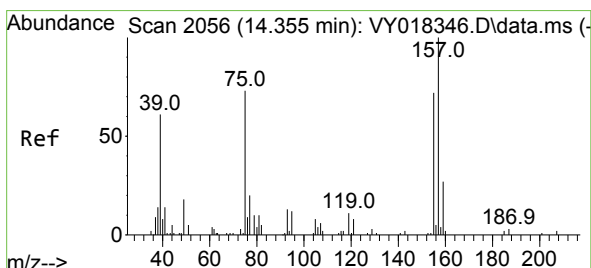
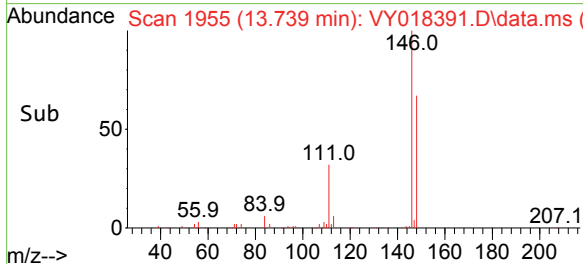
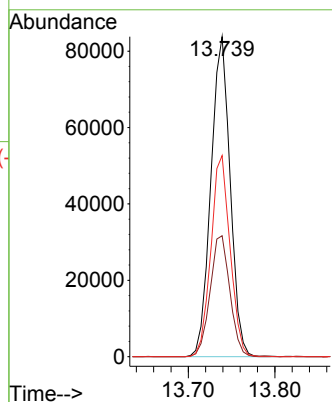
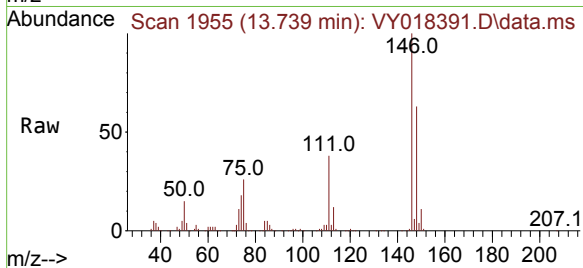
Tgt Ion:146 Resp: 129242

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.993 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

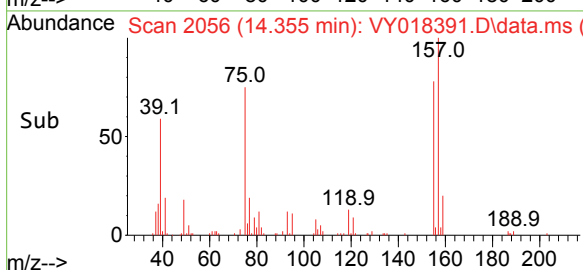
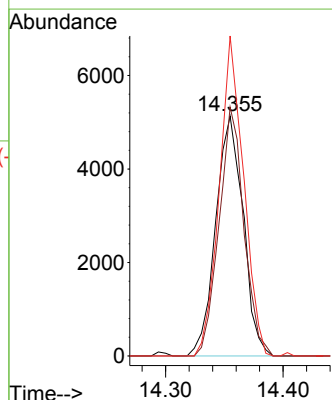
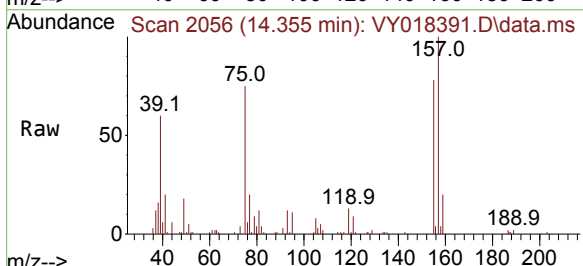
Tgt Ion: 75 Resp: 8323

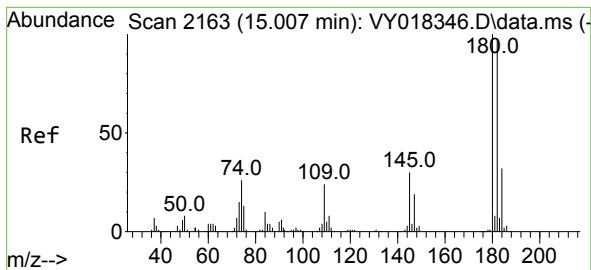
Ion Ratio Lower Upper

75 100

155 94.1 48.6 145.8

157 118.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 46.889 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

Instrument :

MSVOA_Y

ClientSampleId :

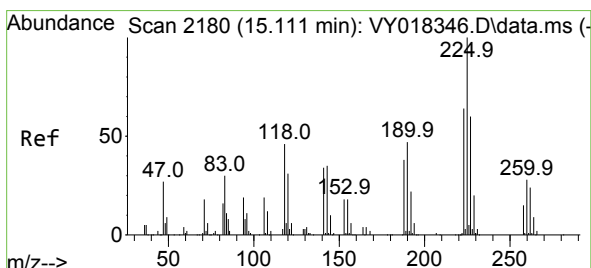
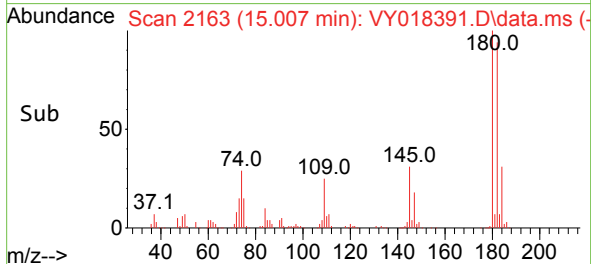
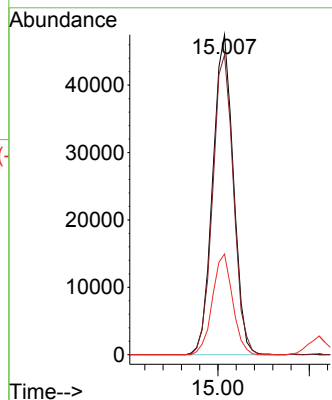
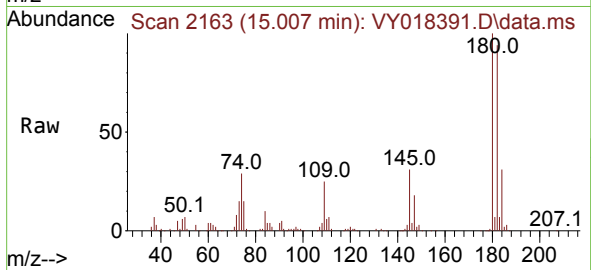
Tgt Ion:180 Resp: 74169

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.376 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018391.D

Acq: 29 May 2024 11:44

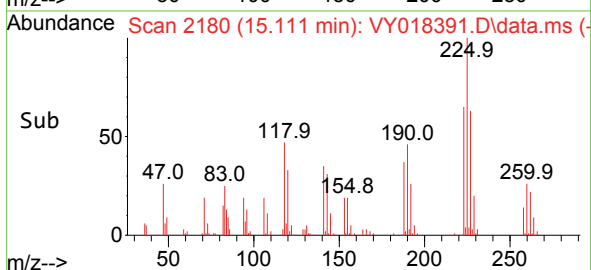
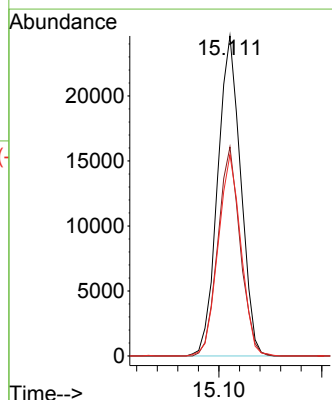
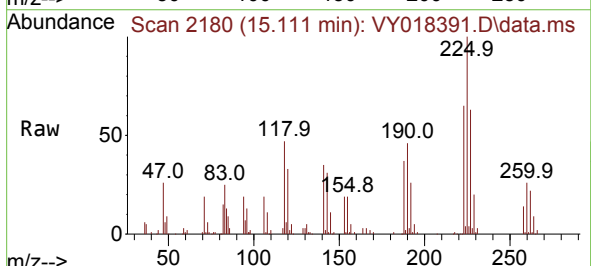
Tgt Ion:225 Resp: 38350

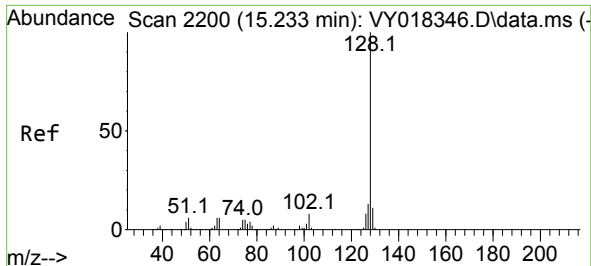
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 62.2 31.9 95.9

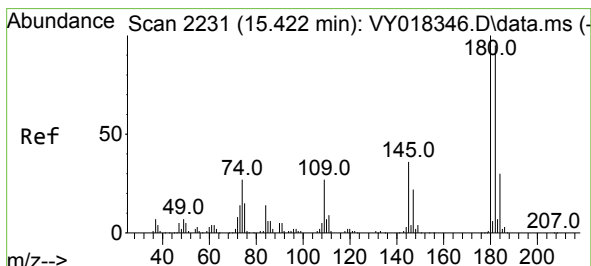
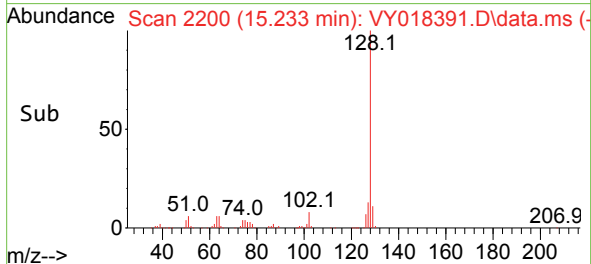
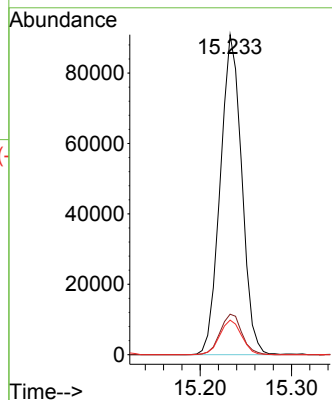
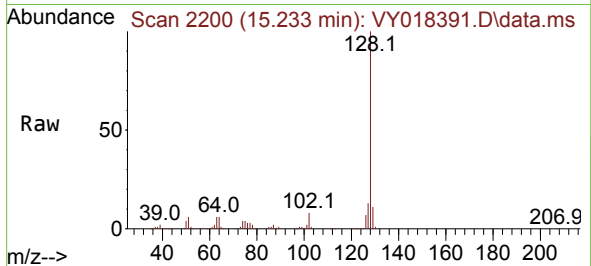




#95
Naphthalene
Concen: 47.771 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 148591
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.774 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018391.D
Acq: 29 May 2024 11:44

Tgt Ion:180 Resp: 62902
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 32.9 15.4 46.1

