

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018225.D
 Acq On : 10 May 2024 11:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 00:47:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	219832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79488	49.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.300%
35) Dibromofluoromethane	7.710	113	94274	50.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.179	98	364461	49.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.483	95	114296	48.518	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	77084	44.216	ug/l	98
3) Chloromethane	2.113	50	116625	49.974	ug/l	99
4) Vinyl Chloride	2.247	62	142687	50.438	ug/l	98
5) Bromomethane	2.644	94	95909	48.816	ug/l	99
6) Chloroethane	2.790	64	91067	50.723	ug/l	98
7) Trichlorofluoromethane	3.119	101	160967	48.577	ug/l	96
8) Diethyl Ether	3.521	74	49761	45.617	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	99839	47.276	ug/l	98
10) Methyl Iodide	4.082	142	114194	46.306	ug/l	100
11) Tert butyl alcohol	4.942	59	36434	256.636	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	99800	46.943	ug/l	92
13) Acrolein	3.723	56	28443	178.681	ug/l	98
14) Allyl chloride	4.473	41	130081	48.097	ug/l	98
15) Acrylonitrile	5.149	53	101204	241.251	ug/l	100
16) Acetone	3.936	43	93126	288.552	ug/l	95
17) Carbon Disulfide	4.186	76	277068	47.872	ug/l	99
18) Methyl Acetate	4.473	43	40623	44.187	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	219965	46.448	ug/l	100
20) Methylene Chloride	4.704	84	111544	48.898	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	106095	47.079	ug/l	92
22) Diisopropyl ether	6.112	45	269382	46.953	ug/l	97
23) Vinyl Acetate	6.051	43	847965	243.173	ug/l	98
24) 1,1-Dichloroethane	6.009	63	168323	47.634	ug/l	99
25) 2-Butanone	6.978	43	130606	253.166	ug/l	94
26) 2,2-Dichloropropane	6.978	77	152999	47.839	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	124242	46.651	ug/l	97
28) Bromochloromethane	7.326	49	72995	51.682	ug/l	96
29) Tetrahydrofuran	7.344	42	82522	242.331	ug/l	94
30) Chloroform	7.502	83	173932	47.149	ug/l	96
31) Cyclohexane	7.783	56	153915	48.874	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	158591	47.964	ug/l	99
36) 1,1-Dichloropropene	7.917	75	130093	49.023	ug/l	97
37) Ethyl Acetate	7.070	43	56929	50.969	ug/l #	97
38) Carbon Tetrachloride	7.899	117	144461	49.820	ug/l	100
39) Methylcyclohexane	9.179	83	189425	49.479	ug/l	99
40) Benzene	8.155	78	413814	48.478	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	29565	45.839	ug/l #	92
42) 1,2-Dichloroethane	8.228	62	93869	50.541	ug/l	98
43) Isopropyl Acetate	8.271	43	114056	49.819	ug/l	95
44) Trichloroethene	8.935	130	112460	48.396	ug/l	96
45) 1,2-Dichloropropane	9.216	63	89093	47.741	ug/l	98
46) Dibromomethane	9.301	93	51501	48.005	ug/l	98
47) Bromodichloromethane	9.496	83	128772	48.552	ug/l	98
48) Methyl methacrylate	9.289	41	50902	48.512	ug/l	93
49) 1,4-Dioxane	9.289	88	13585	953.960	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	294264	255.731	ug/l	95
52) Toluene	10.240	92	265007	48.224	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	119734	48.331	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	147769	48.796	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	71389	48.439	ug/l	98
56) Ethyl methacrylate	10.508	69	99366	49.643	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	116629	48.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	185307	193.882	ug/l	97
59) 2-Hexanone	10.831	43	213527	265.396	ug/l	94
60) Dibromochloromethane	10.984	129	91949	48.087	ug/l	99
61) 1,2-Dibromoethane	11.087	107	66265	47.736	ug/l	100
64) Tetrachloroethene	10.721	164	96205	47.936	ug/l	98
65) Chlorobenzene	11.514	112	291900	47.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	94320	47.497	ug/l	99
67) Ethyl Benzene	11.593	91	505266	48.745	ug/l	98
68) m/p-Xylenes	11.703	106	392677	95.796	ug/l	96
69) o-Xylene	12.032	106	187191	47.586	ug/l	95
70) Styrene	12.044	104	315789	48.070	ug/l	98
71) Bromoform	12.209	173	51699	47.053	ug/l #	99
73) Isopropylbenzene	12.331	105	486298	48.399	ug/l	97
74) N-amyl acetate	12.142	43	106563	51.091	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	76368	47.646	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	97738	91.116	ug/l #	100
77) Bromobenzene	12.611	156	110950	48.067	ug/l	92
78) n-propylbenzene	12.672	91	569897	48.764	ug/l	96
79) 2-Chlorotoluene	12.758	91	305875	47.099	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	382420	48.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	25968	46.642	ug/l	97
82) 4-Chlorotoluene	12.855	91	312997	47.981	ug/l	95
83) tert-Butylbenzene	13.075	119	360022	49.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	377025	48.580	ug/l	99
85) sec-Butylbenzene	13.251	105	528038	49.260	ug/l	98
86) p-Isopropyltoluene	13.367	119	433772	49.189	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	214631	48.148	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	208697	48.024	ug/l	98
89) n-Butylbenzene	13.696	91	399215	50.022	ug/l	98
90) Hexachloroethane	13.965	117	82930	47.936	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	190872	49.817	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10573	48.445	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	110720	51.402	ug/l	99
94) Hexachlorobutadiene	15.111	225	61325	51.601	ug/l	99
95) Naphthalene	15.239	128	204453	51.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	93143	52.692	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

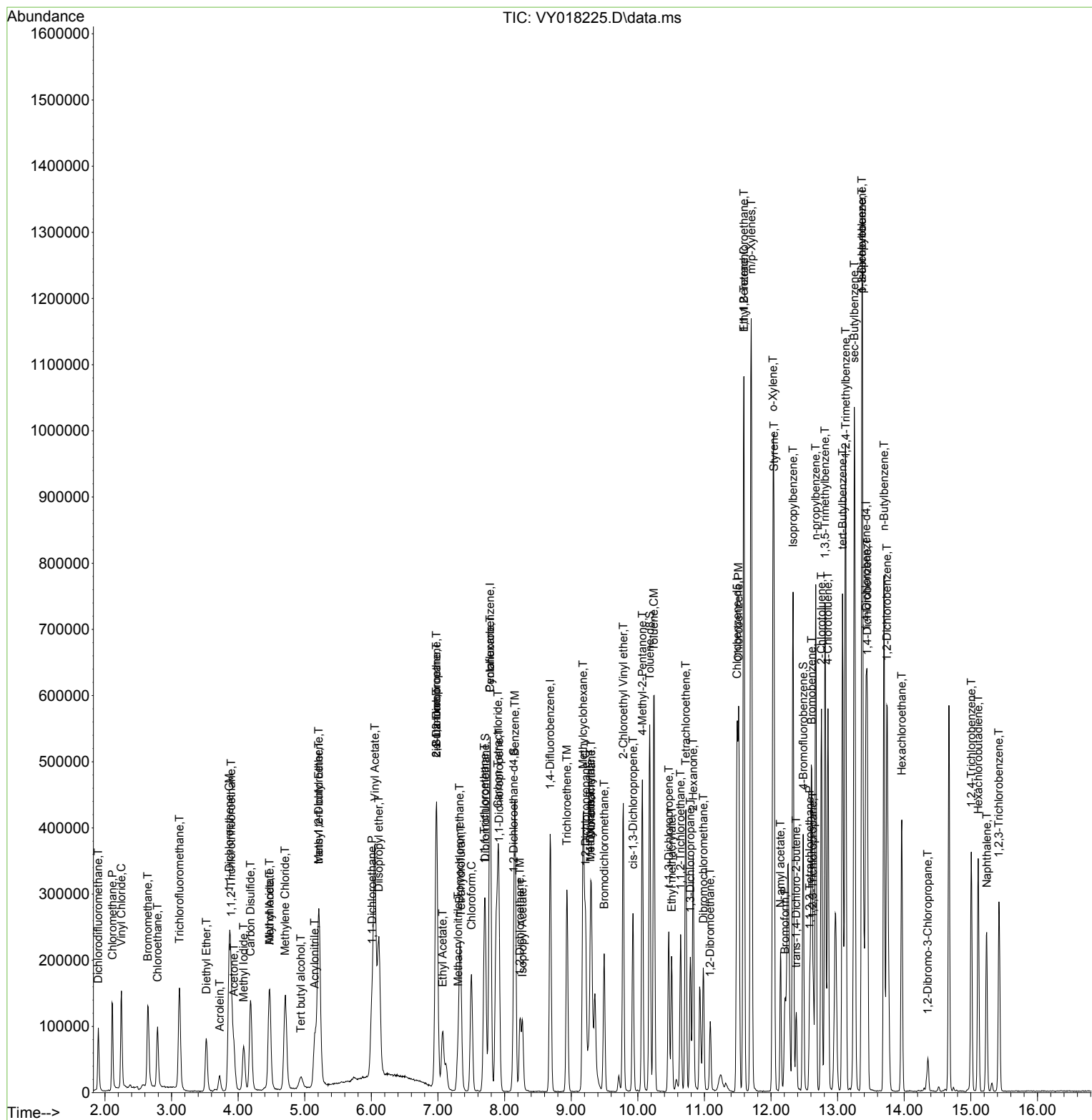
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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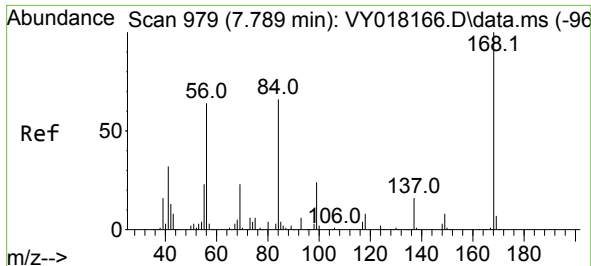
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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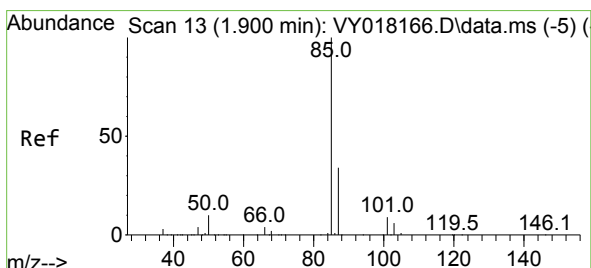
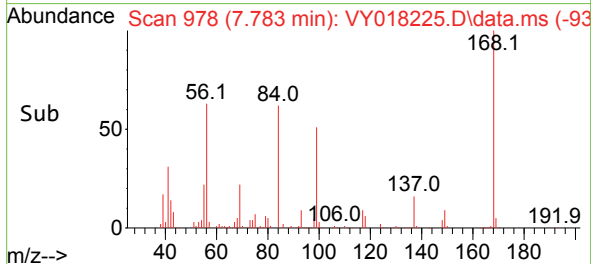
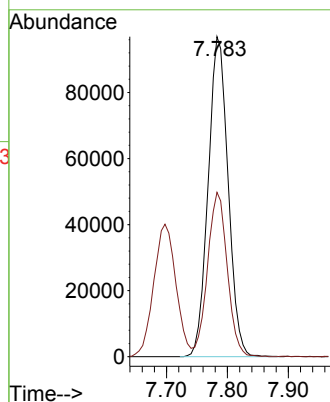
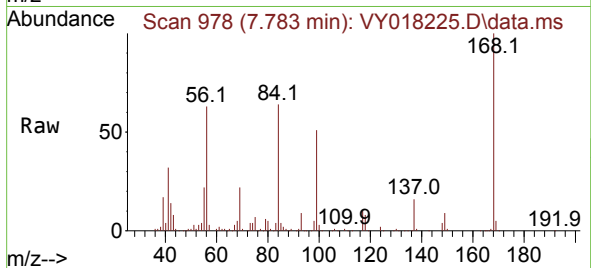




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018225.D
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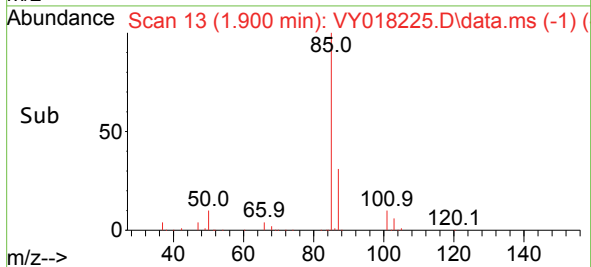
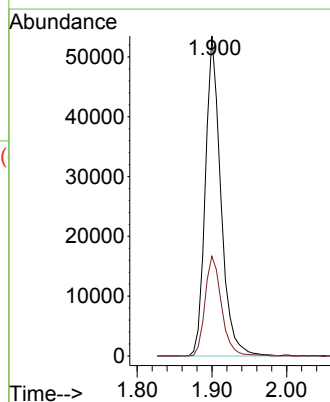
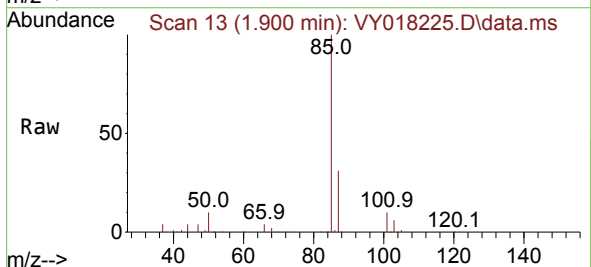
Instrument :
MSVOA_Y
ClientSampleId :

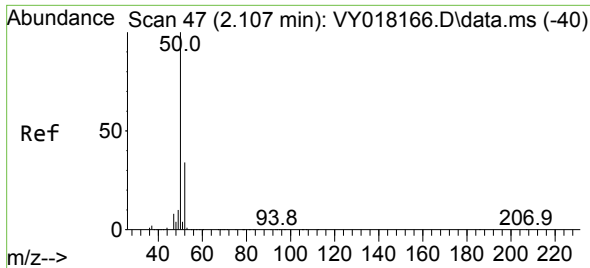
Tgt Ion:168 Resp: 219832
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.216 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 85 Resp: 77084
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0

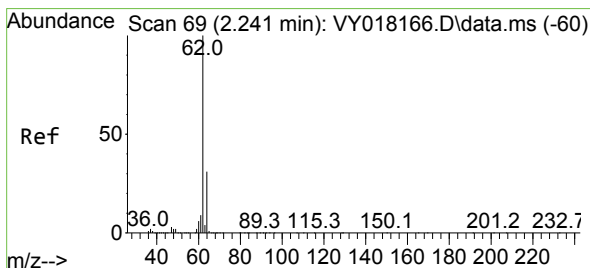
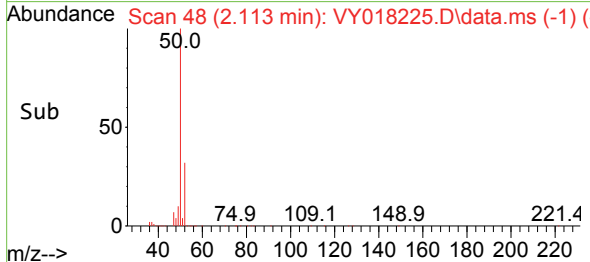
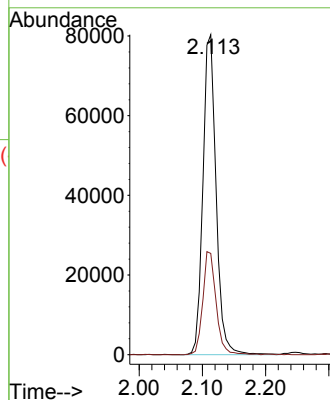
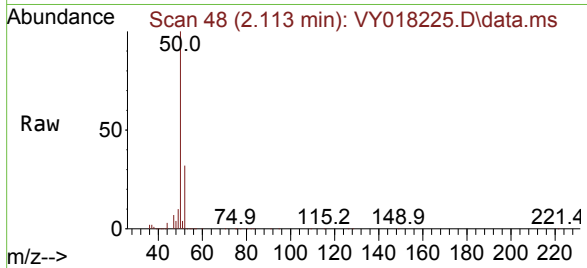




#3
Chloromethane
Concen: 49.974 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

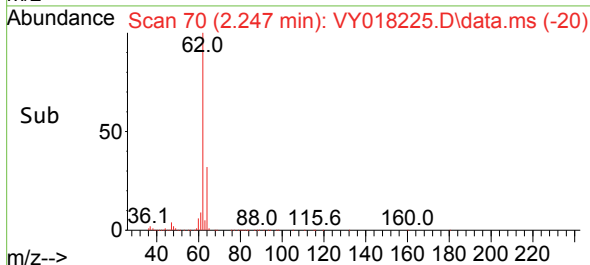
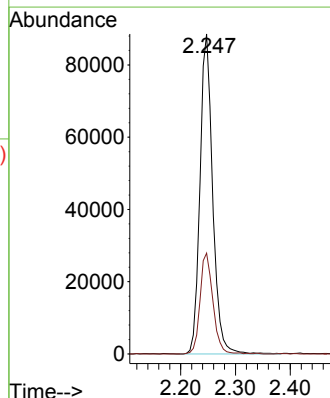
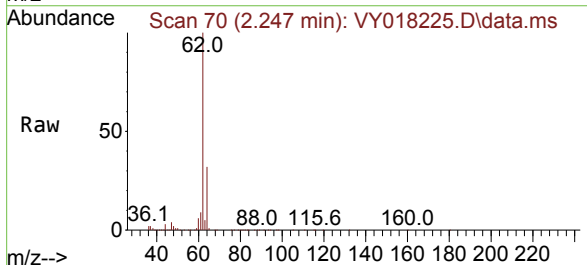
Instrument :
MSVOA_Y
ClientSampleId :

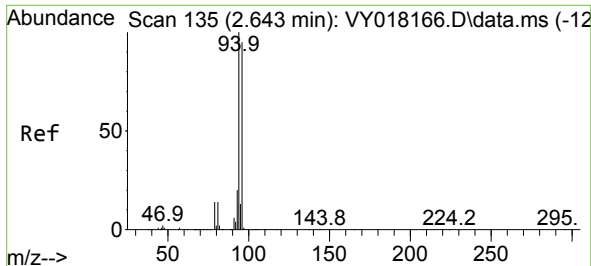
Tgt Ion: 50 Resp: 116625
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 50.438 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 62 Resp: 142687
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

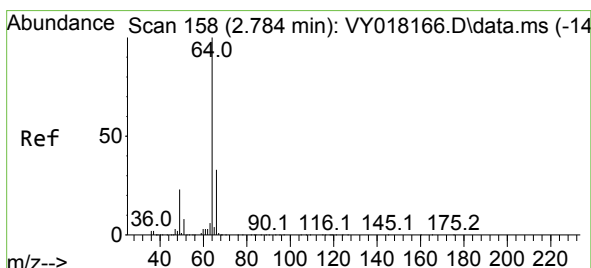
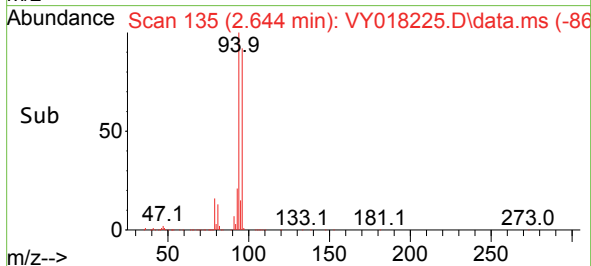
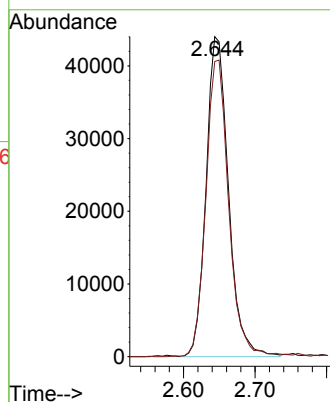
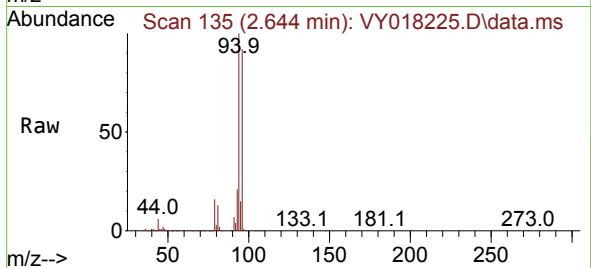




#5
Bromomethane
Concen: 48.816 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018225.D
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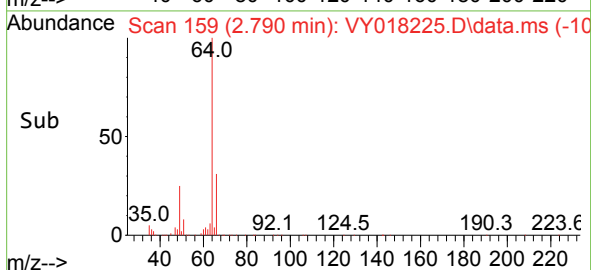
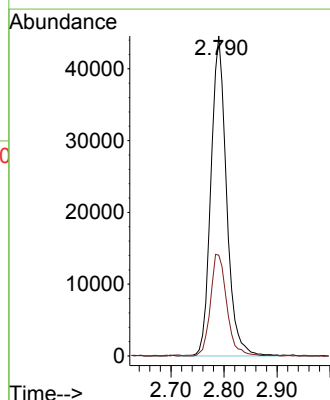
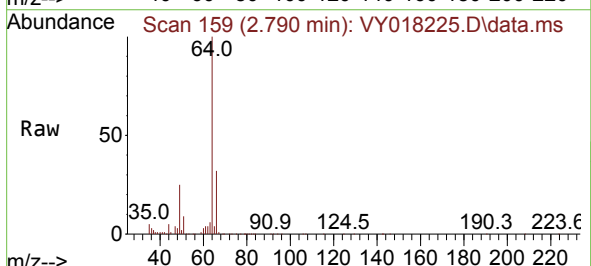
Instrument :
MSVOA_Y
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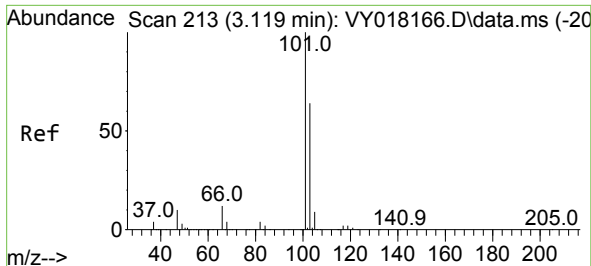
Tgt Ion: 94 Resp: 95909
Ion Ratio Lower Upper
94 100
96 92.1 74.1 111.1



#6
Chloroethane
Concen: 50.723 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018225.D
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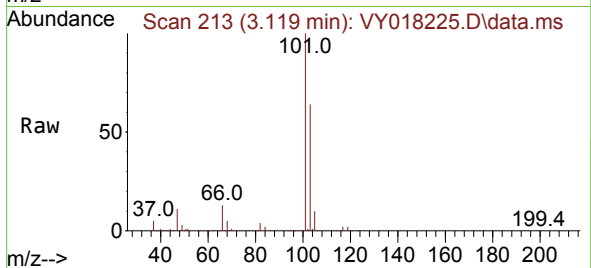
Tgt Ion: 64 Resp: 91067
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1



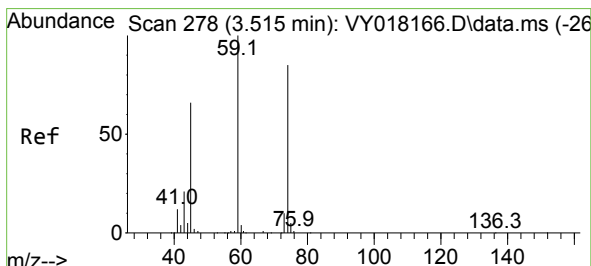
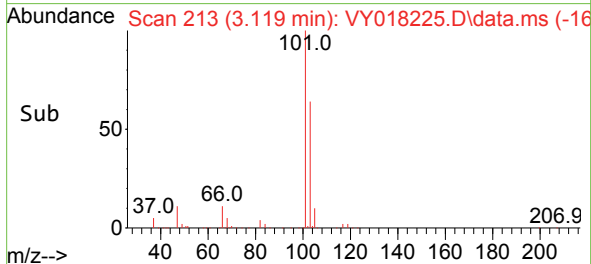
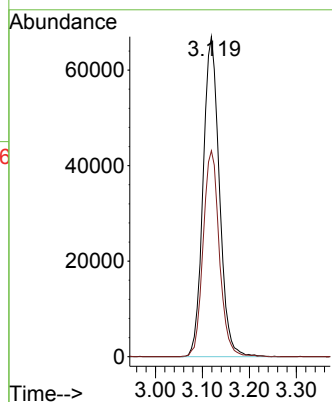


#7
 Trichlorofluoromethane
 Concen: 48.577 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

Instrument :
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 ClientSampleId :

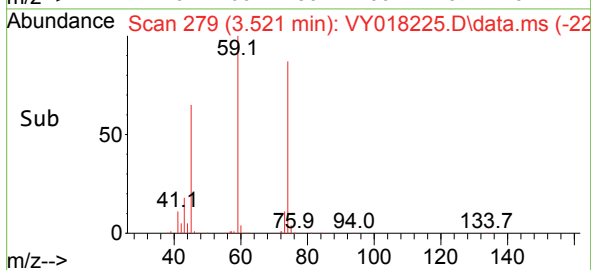
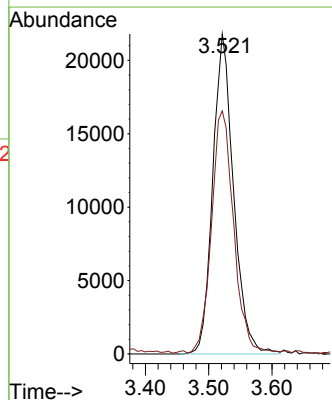
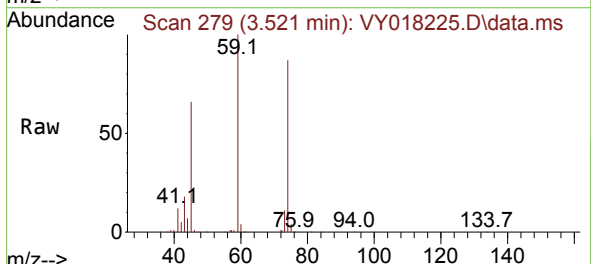


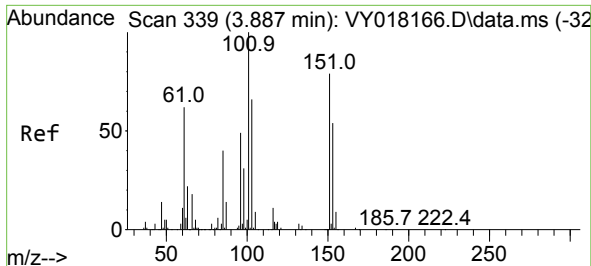
Tgt Ion: 101 Resp: 160967
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 45.617 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

Tgt Ion: 74 Resp: 49761
 Ion Ratio Lower Upper
 74 100
 45 80.5 41.3 124.1

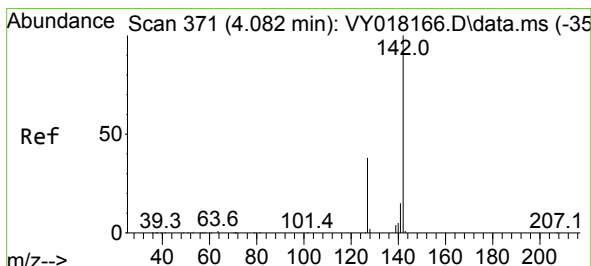
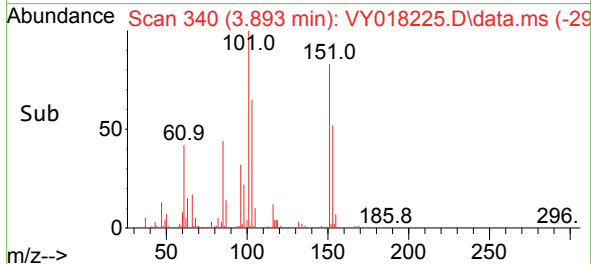
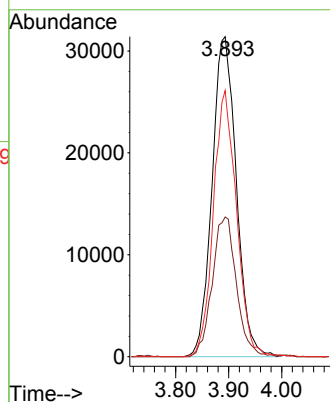
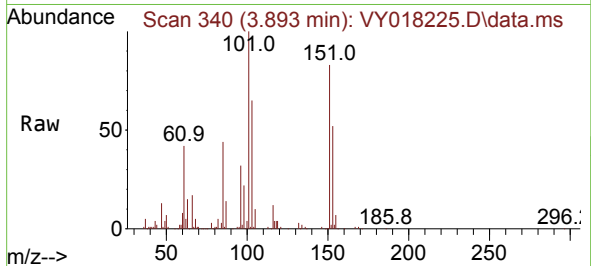




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.276 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

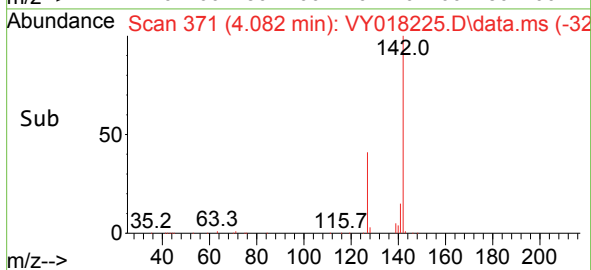
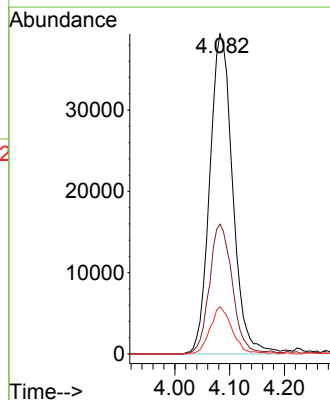
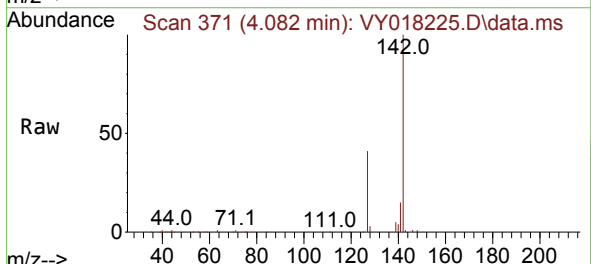
Instrument :
MSVOA_Y
ClientSampleId :

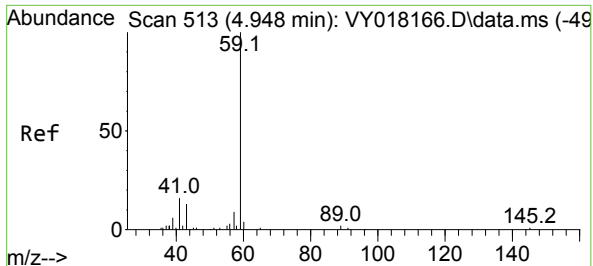
Tgt Ion:101 Resp: 99839
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 79.4 61.7 92.5



#10
Methyl Iodide
Concen: 46.306 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion:142 Resp: 114194
Ion Ratio Lower Upper
142 100
127 40.9 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 256.636 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

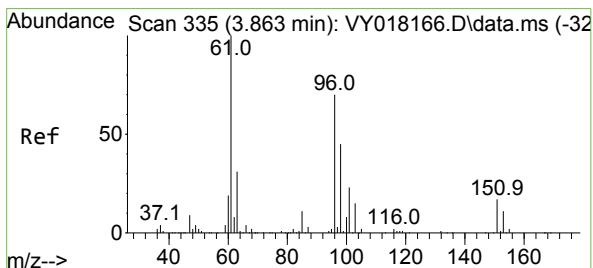
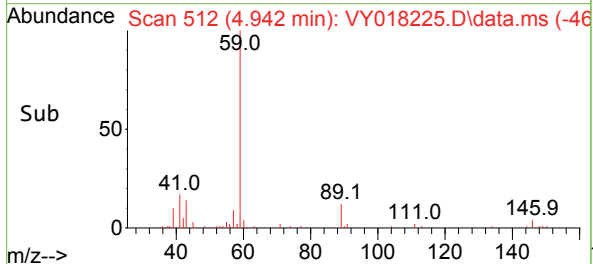
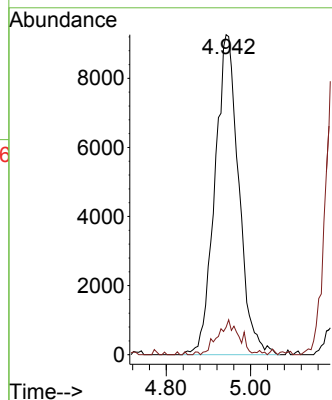
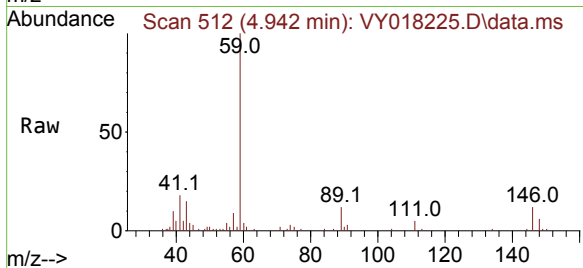
ClientSampleId :

Tgt Ion: 59 Resp: 36434

Ion Ratio Lower Upper

59 100

57 9.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 46.943 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

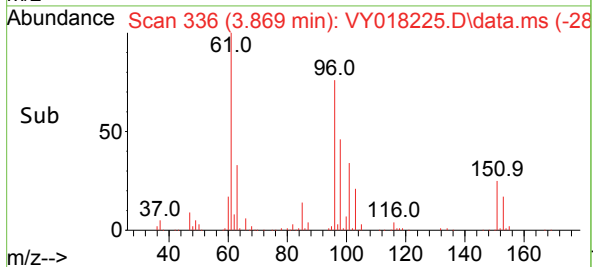
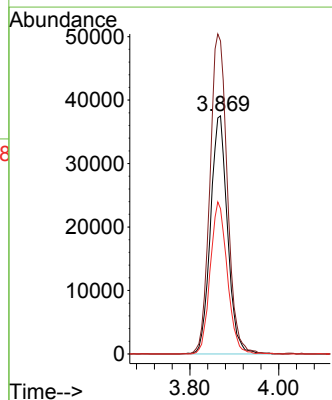
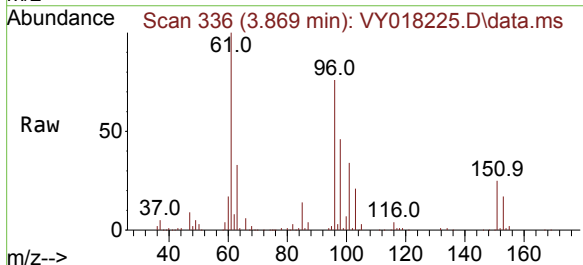
Tgt Ion: 96 Resp: 99800

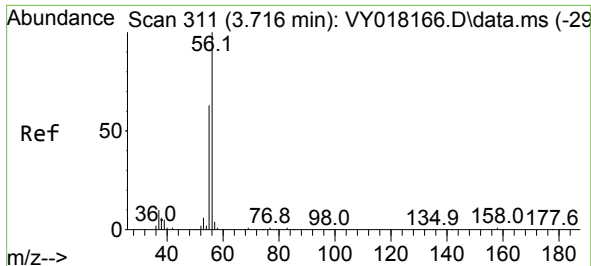
Ion Ratio Lower Upper

96 100

61 131.4 114.6 171.8

98 61.0 50.8 76.2

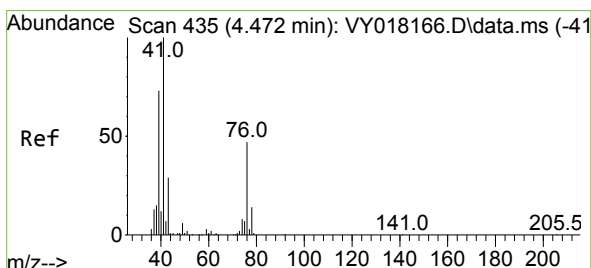
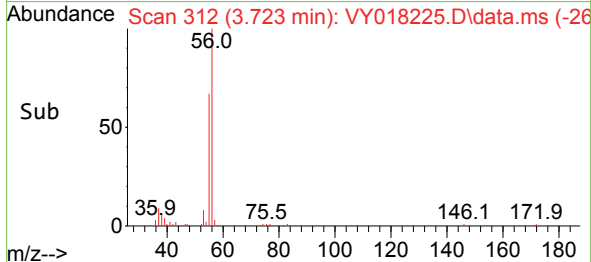
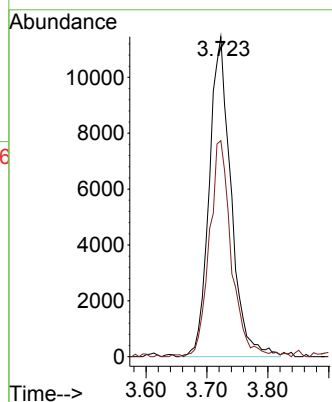
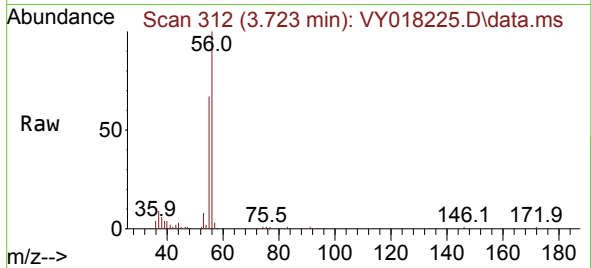




#13
Acrolein
Concen: 178.681 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

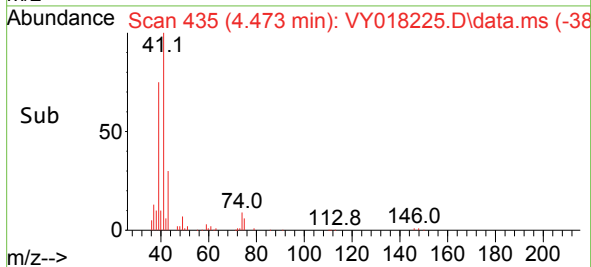
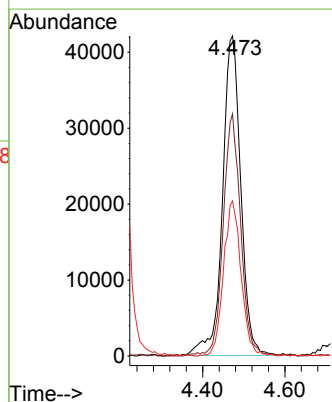
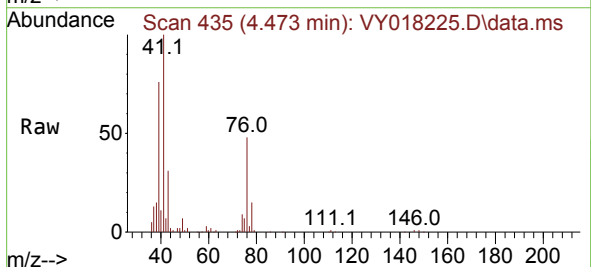
Instrument :
MSVOA_Y
ClientSampleId :

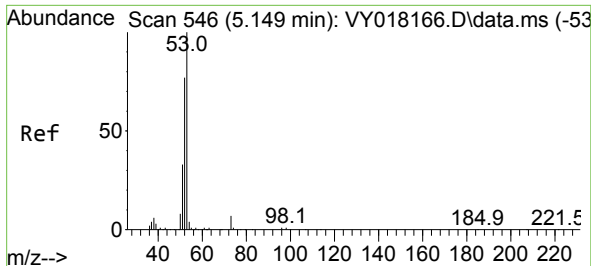
Tgt Ion: 56 Resp: 28443
Ion Ratio Lower Upper
56 100
55 67.6 55.7 83.5



#14
Allyl chloride
Concen: 48.097 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

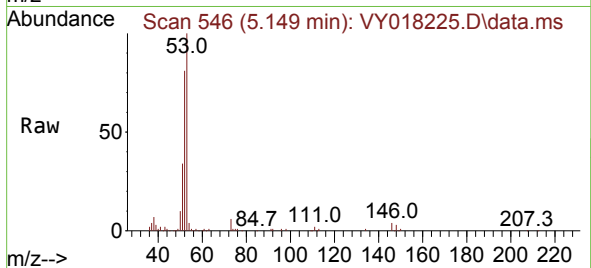
Tgt Ion: 41 Resp: 130081
Ion Ratio Lower Upper
41 100
39 72.4 58.3 87.5
76 46.7 39.0 58.6



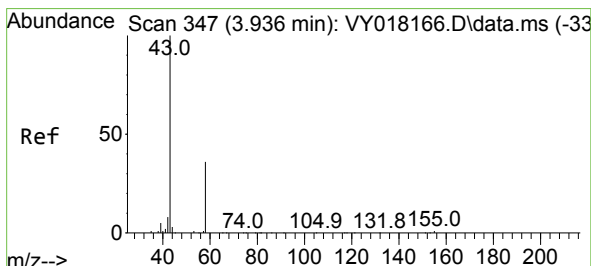
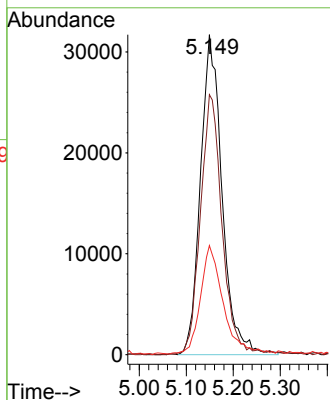
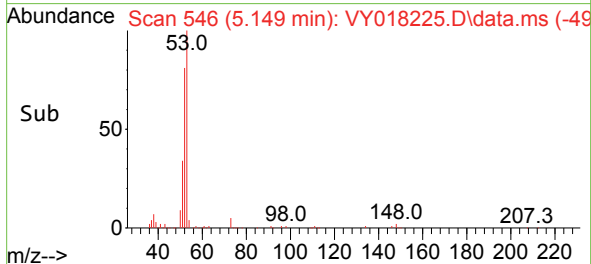


#15
Acrylonitrile
Concen: 241.251 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

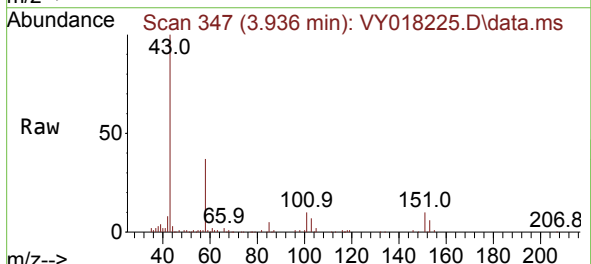
Instrument :
MSVOA_Y
ClientSampleId :



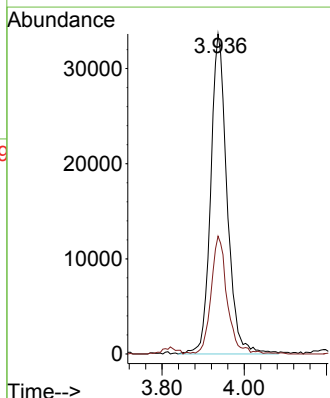
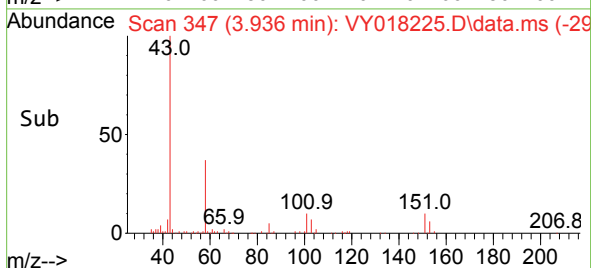
Tgt Ion: 53 Resp: 101204
Ion Ratio Lower Upper
53 100
52 81.1 64.7 97.1
51 35.7 28.4 42.6

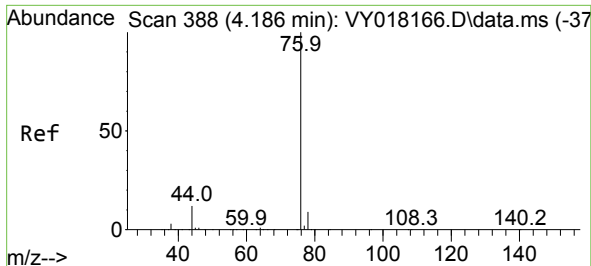


#16
Acetone
Concen: 288.552 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37



Tgt Ion: 43 Resp: 93126
Ion Ratio Lower Upper
43 100
58 36.6 31.7 47.5

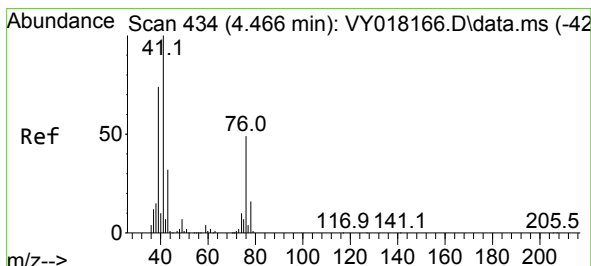
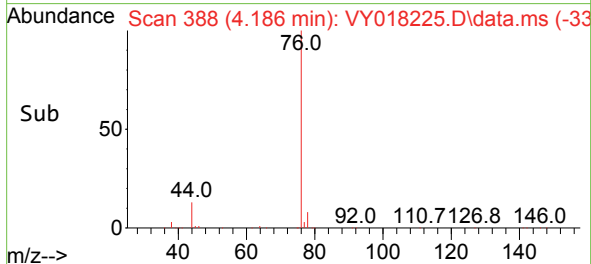
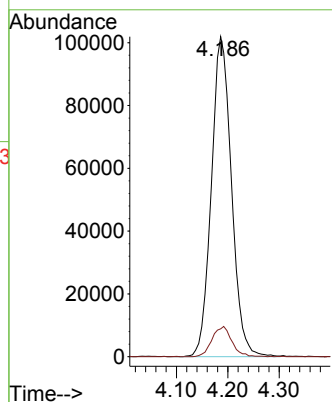
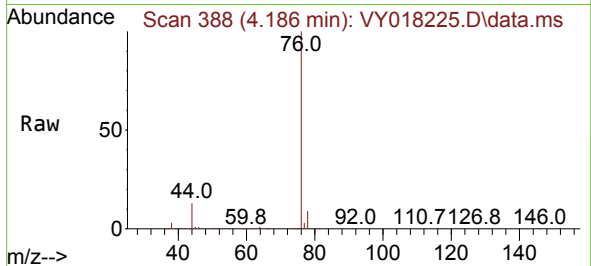




#17
Carbon Disulfide
Concen: 47.872 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

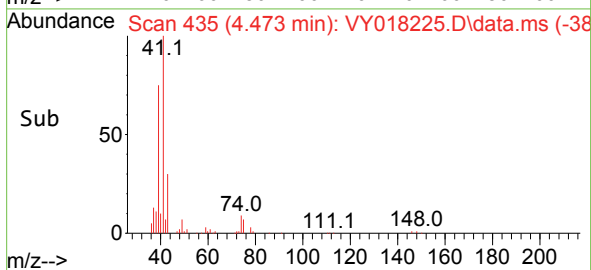
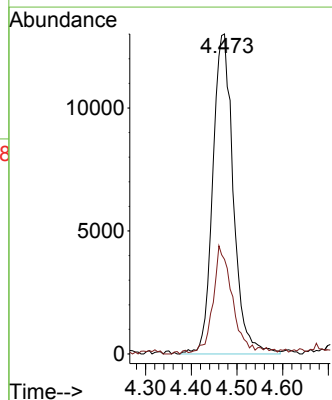
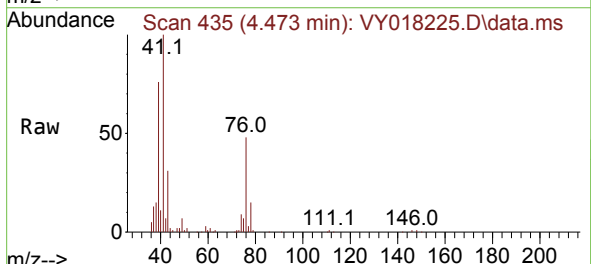
Instrument :
MSVOA_Y
ClientSampleId :

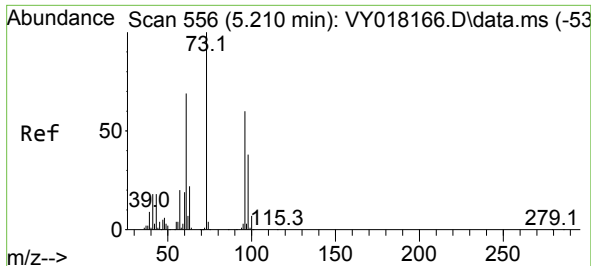
Tgt Ion: 76 Resp: 277068
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 44.187 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 43 Resp: 40623
Ion Ratio Lower Upper
43 100
74 30.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 46.448 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

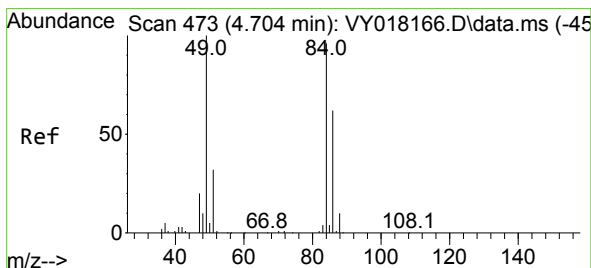
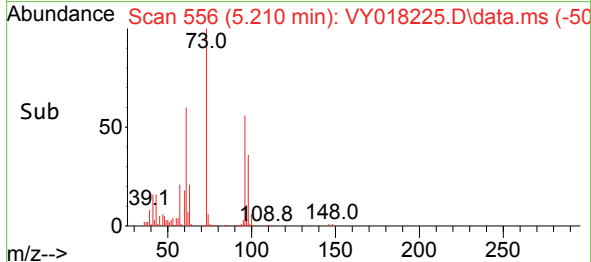
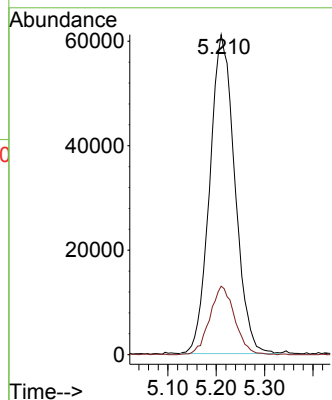
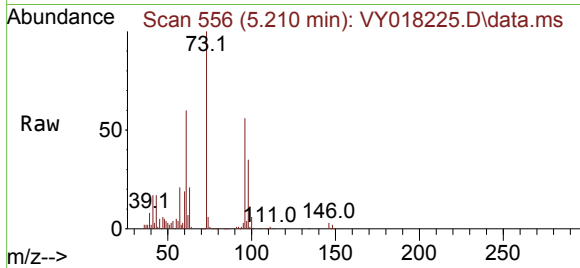
ClientSampleId :

Tgt Ion: 73 Resp: 219965

Ion Ratio Lower Upper

73 100

57 21.4 17.3 25.9



#20

Methylene Chloride

Concen: 48.898 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Tgt Ion: 84 Resp: 111544

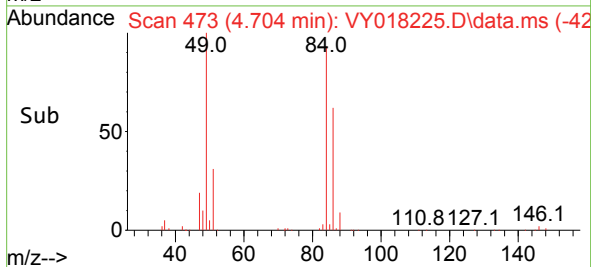
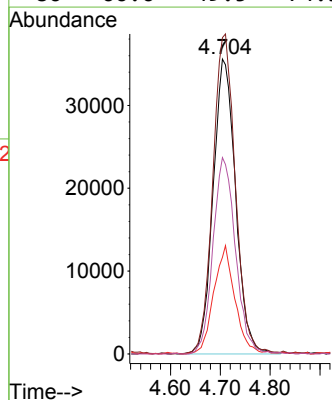
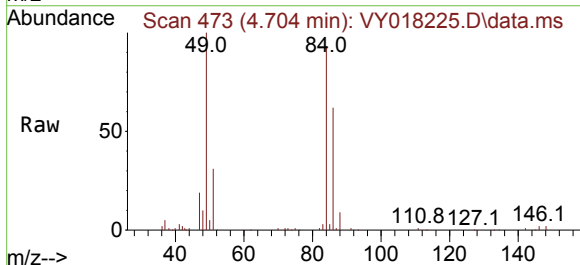
Ion Ratio Lower Upper

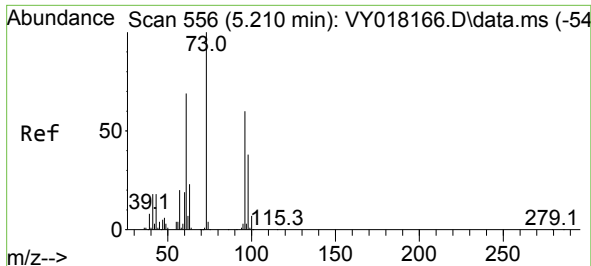
84 100

49 107.1 84.4 126.6

51 32.8 26.0 39.0

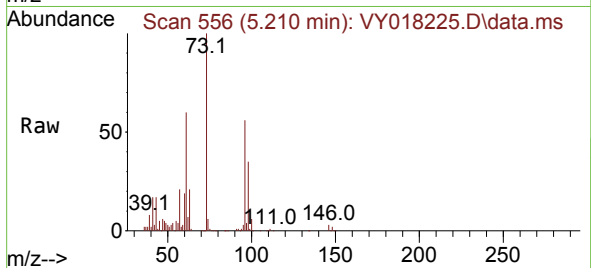
86 66.6 49.5 74.3



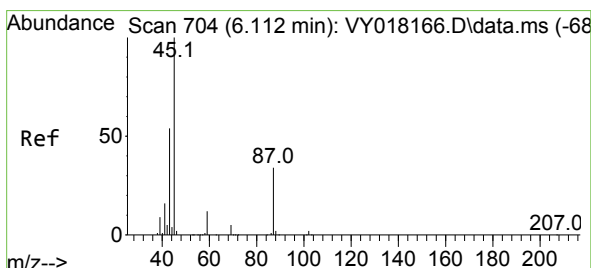
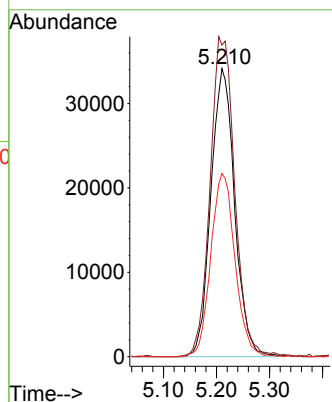
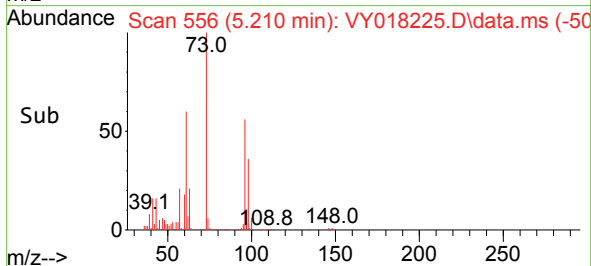


#21
trans-1,2-Dichloroethene
Concen: 47.079 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :

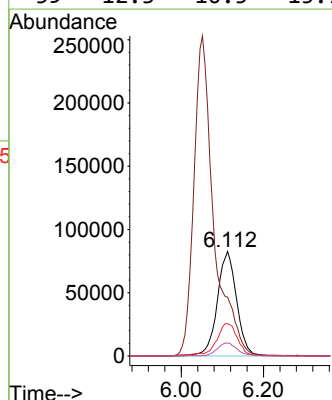
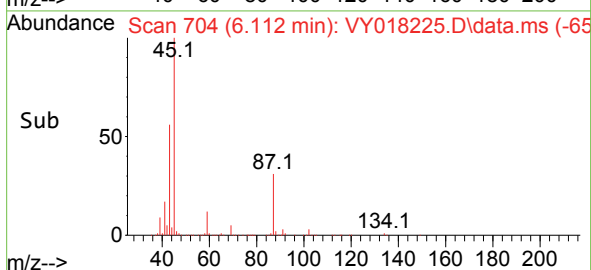
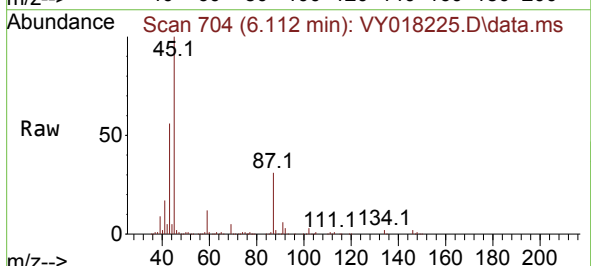


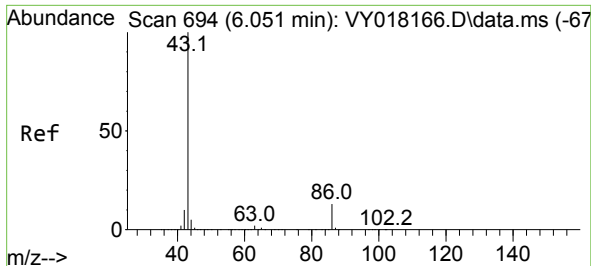
Tgt Ion: 96 Resp: 106095
Ion Ratio Lower Upper
96 100
61 108.0 97.5 146.3
98 63.6 50.5 75.7



#22
Diisopropyl ether
Concen: 46.953 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 45 Resp: 269382
Ion Ratio Lower Upper
45 100
43 55.6 42.2 63.2
87 30.7 25.0 37.6
59 12.3 10.5 15.7

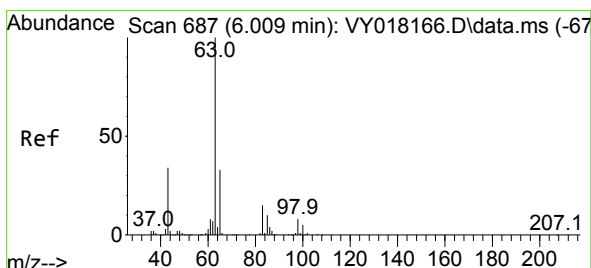
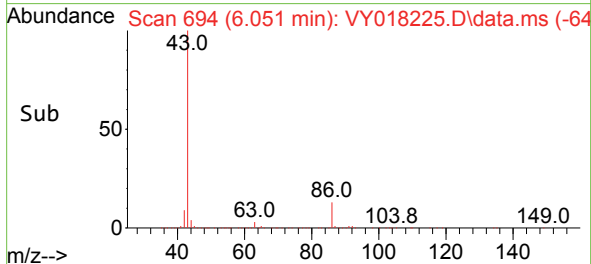
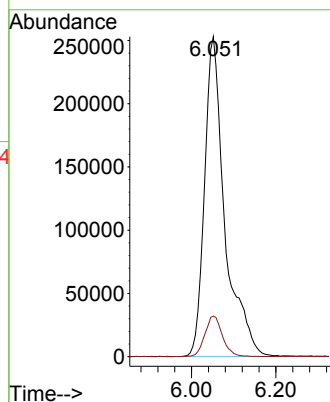
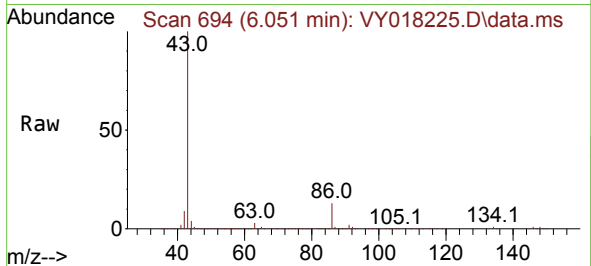




#23
 Vinyl Acetate
 Concen: 243.173 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

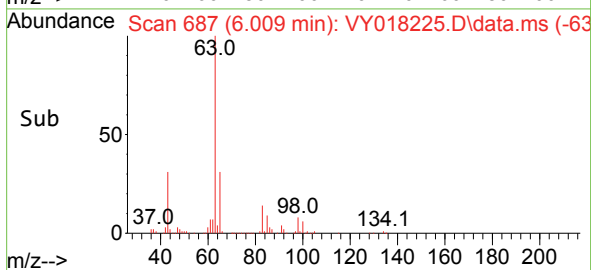
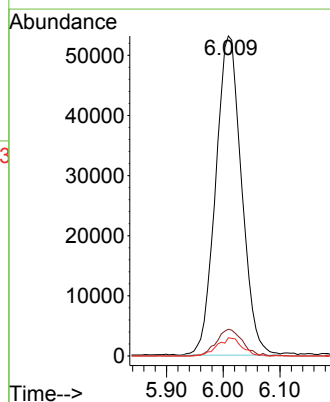
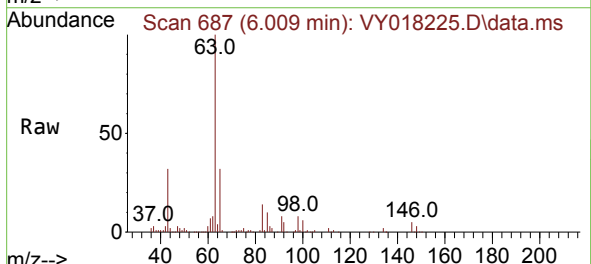
Instrument :
 MSVOA_Y
 ClientSampleId :

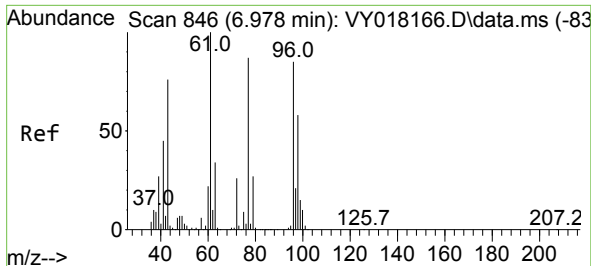
Tgt Ion: 43 Resp: 847965
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 47.634 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

Tgt Ion: 63 Resp: 168323
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 5.7 2.6 8.0

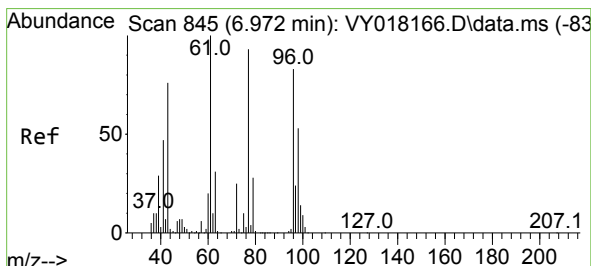
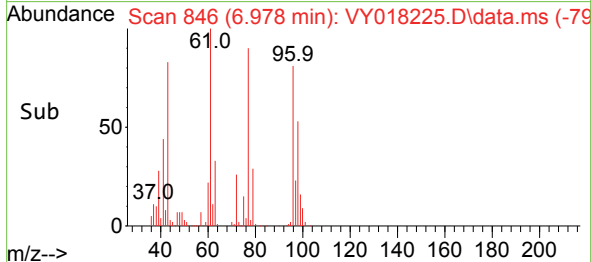
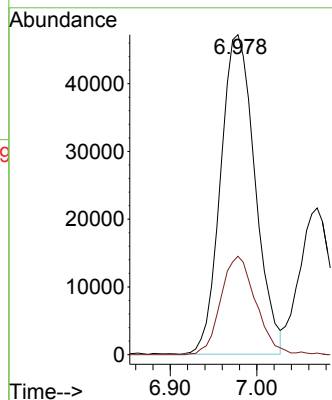
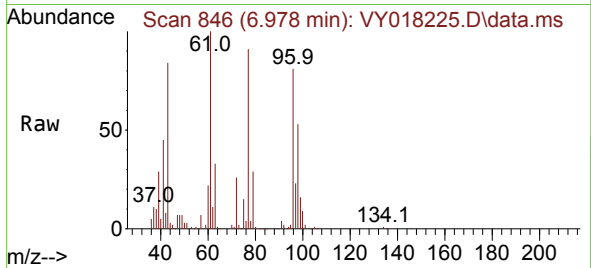




#25
2-Butanone
Concen: 253.166 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

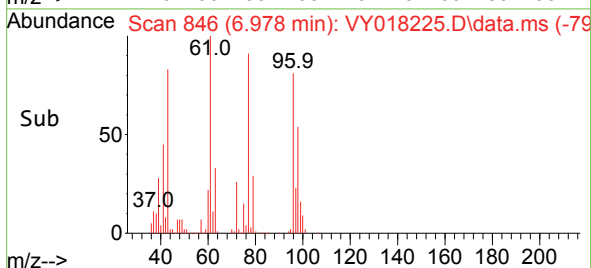
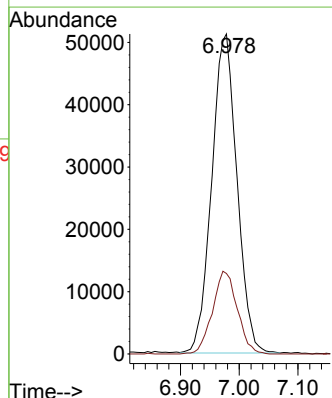
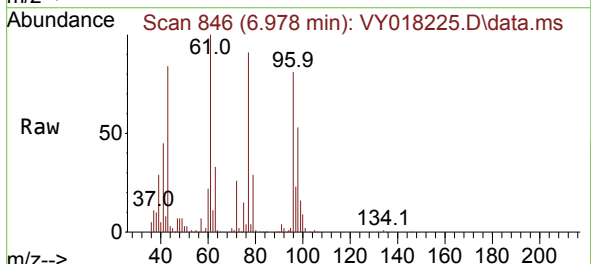
Instrument :
MSVOA_Y
ClientSampleId :

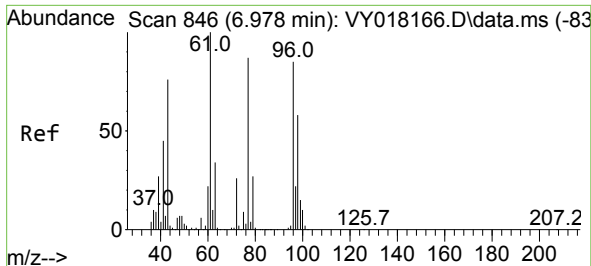
Tgt Ion: 43 Resp: 130606
Ion Ratio Lower Upper
43 100
72 30.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 47.839 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

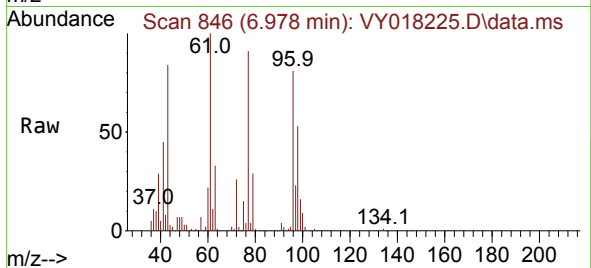
Tgt Ion: 77 Resp: 152999
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1





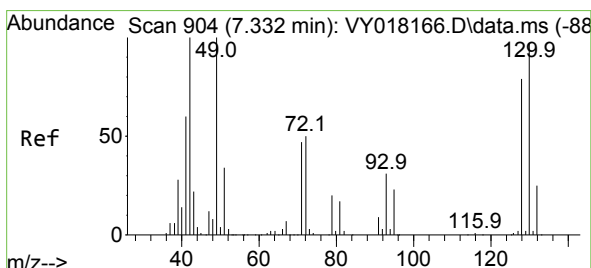
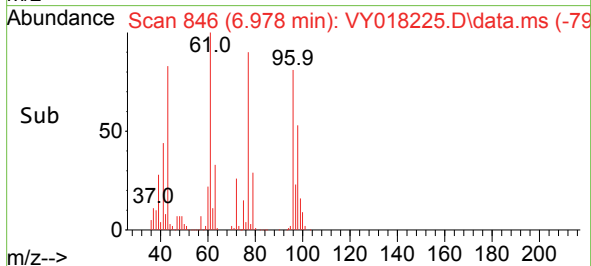
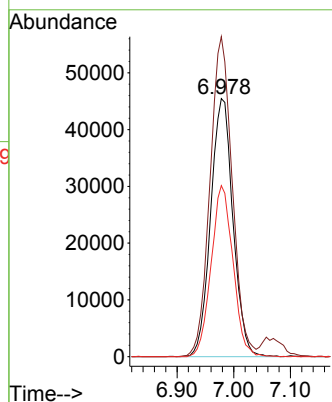
#27
 cis-1,2-Dichloroethene
 Concen: 46.651 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 124242

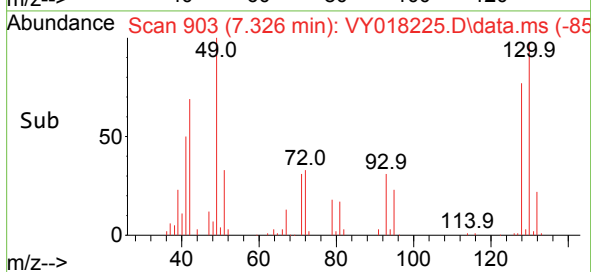
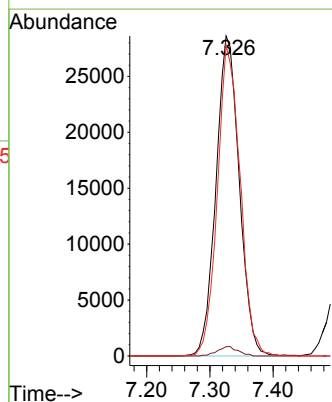
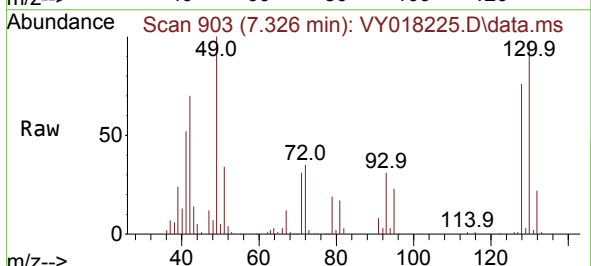
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	256.2
98	64.9	0.0	130.0

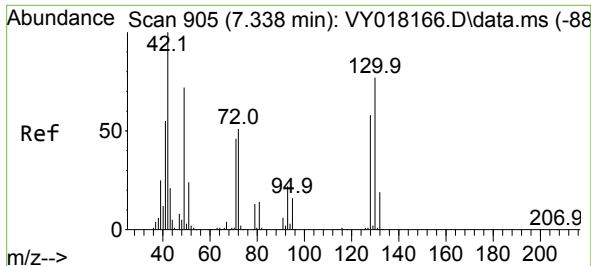


#28
 Bromochloromethane
 Concen: 51.682 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

Tgt Ion: 49 Resp: 72995

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	95.0	72.7	109.1





#29

Tetrahydrofuran

Concen: 242.331 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018225.D

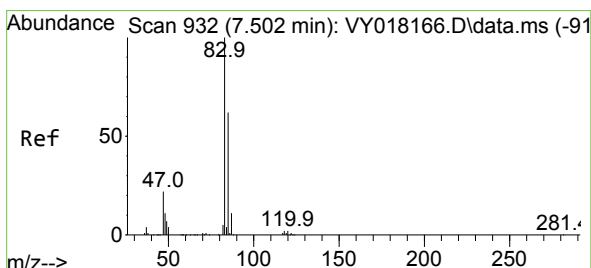
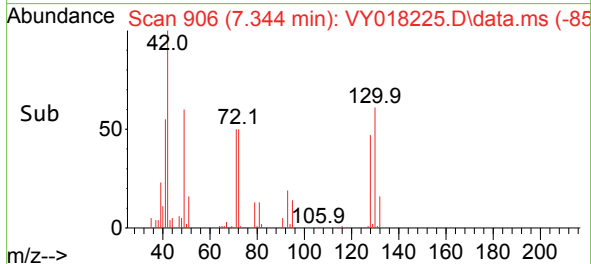
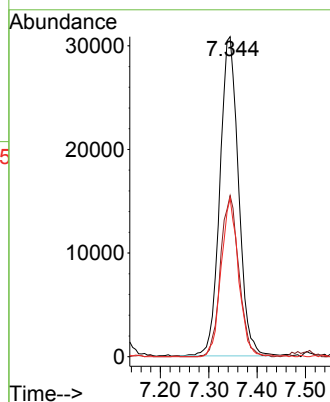
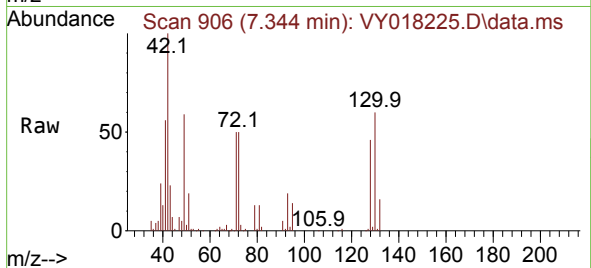
Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	82522
Ion	Ratio	Lower	Upper
42	100		
72	49.9	43.0	64.4
71	46.2	40.8	61.2



#30

Chloroform

Concen: 47.149 ug/l

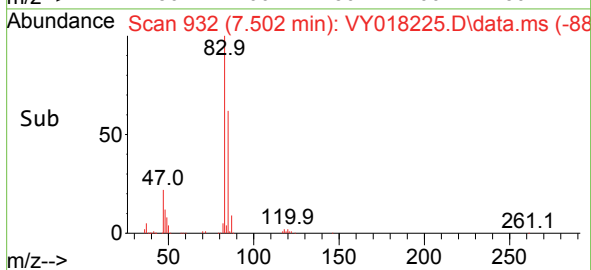
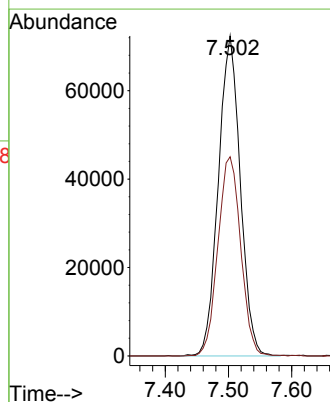
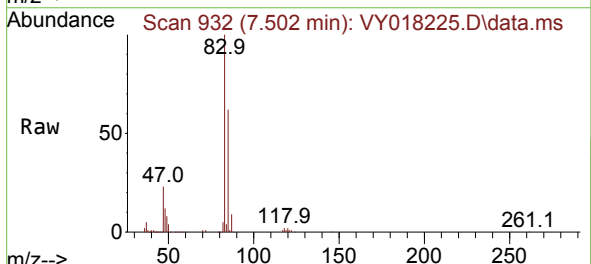
RT: 7.502 min Scan# 932

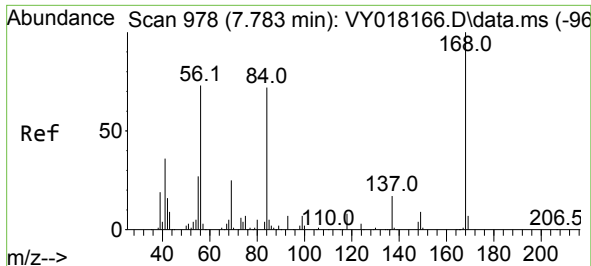
Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

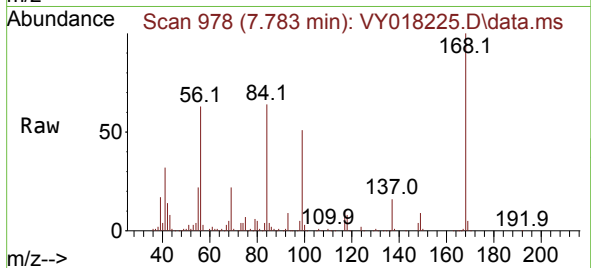
Tgt Ion:	83	Resp:	173932
Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.2	78.4



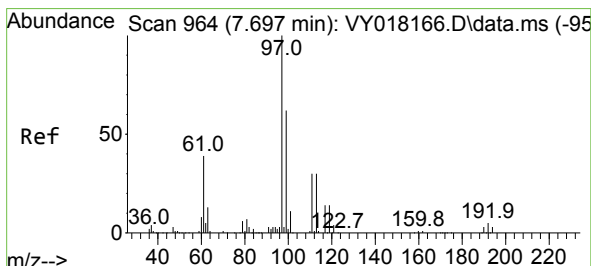
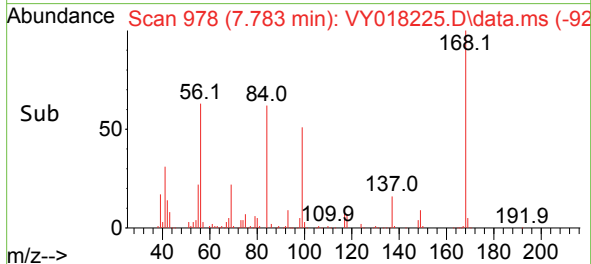
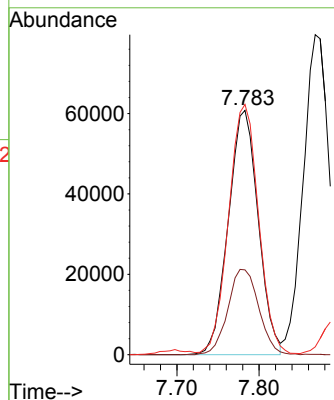


#31
Cyclohexane
Concen: 48.874 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :

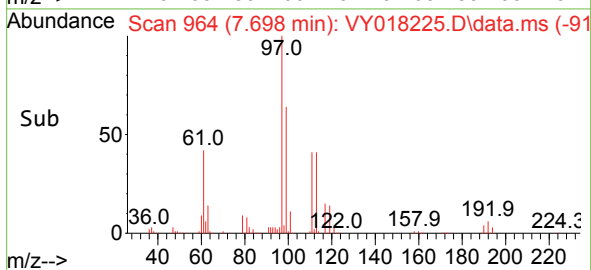
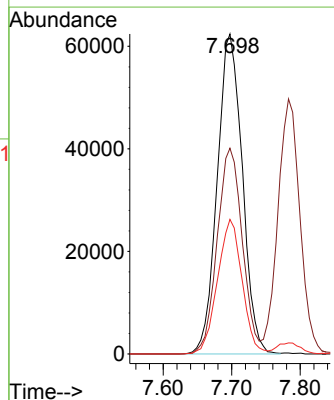
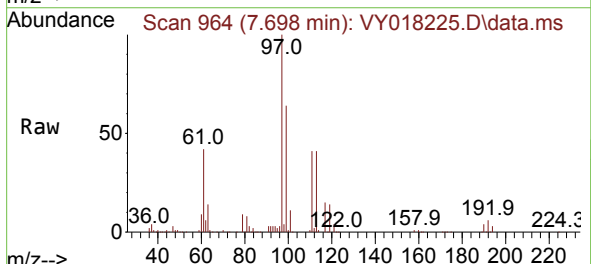


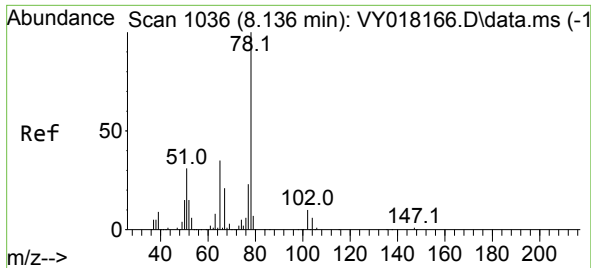
Tgt Ion: 56 Resp: 153915
Ion Ratio Lower Upper
56 100
69 34.7 28.7 43.1
84 100.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 47.964 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 97 Resp: 158591
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 41.2 32.6 48.8

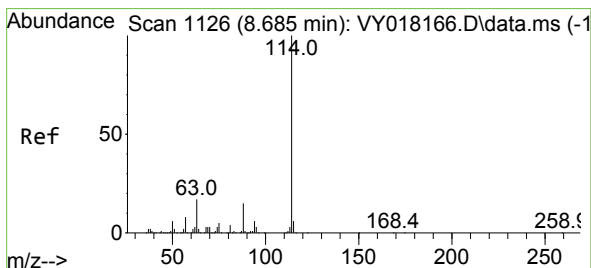
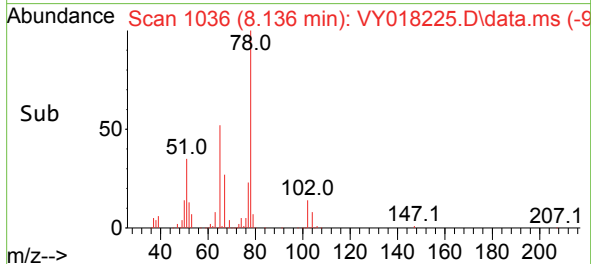
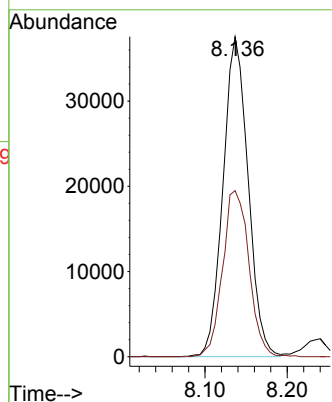
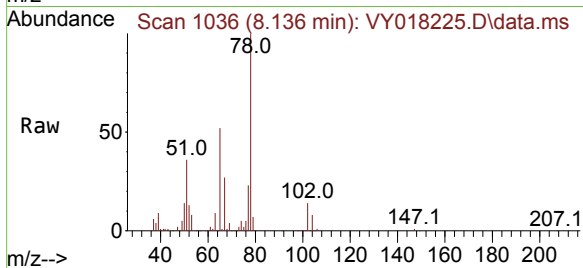




#33
 1,2-Dichloroethane-d4
 Concen: 49.151 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

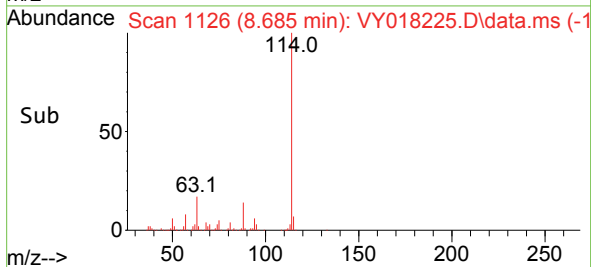
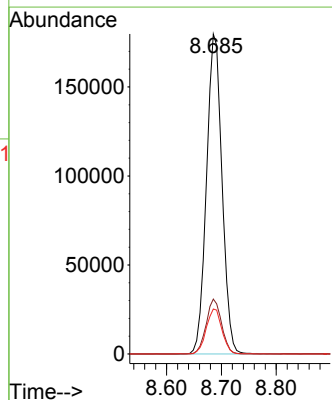
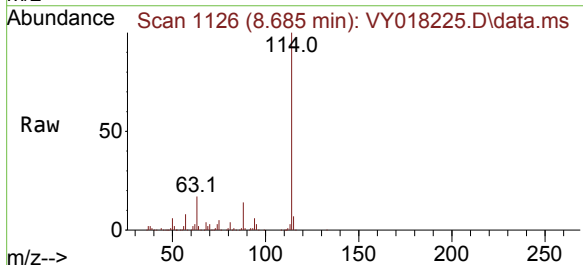
Instrument :
 MSVOA_Y
 ClientSampleId :

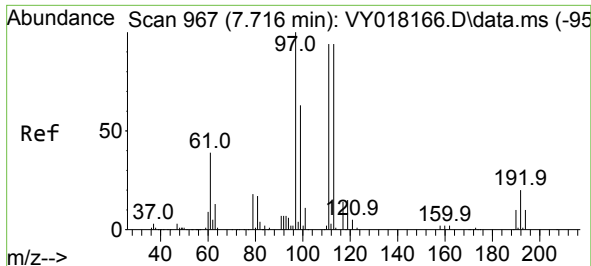
Tgt Ion: 65 Resp: 79488
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018225.D
 Acq: 10 May 2024 11:37

Tgt Ion: 114 Resp: 352231
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 14.0 0.0 27.2

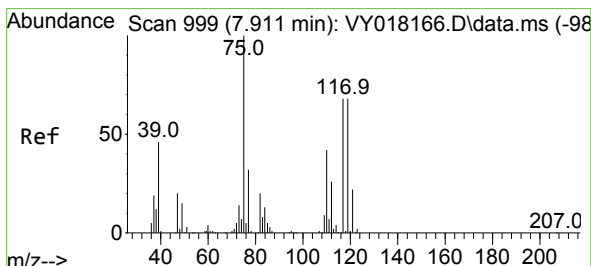
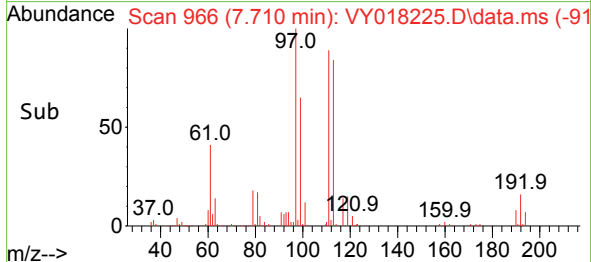
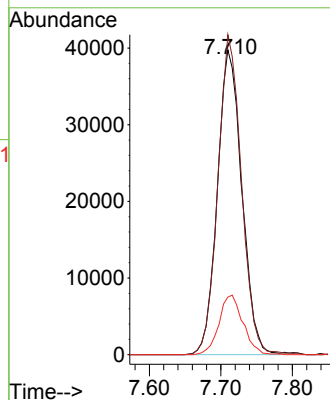
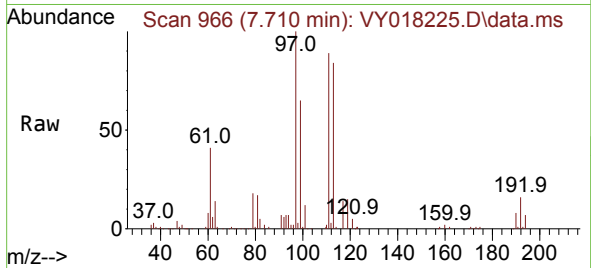




#35
Dibromofluoromethane
Concen: 50.928 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

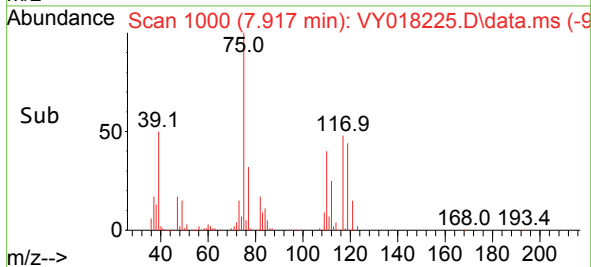
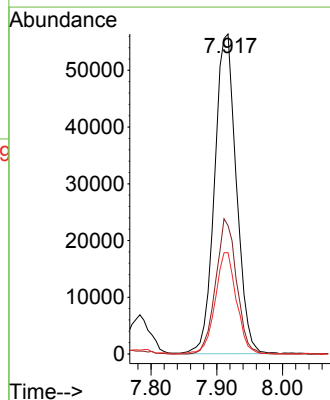
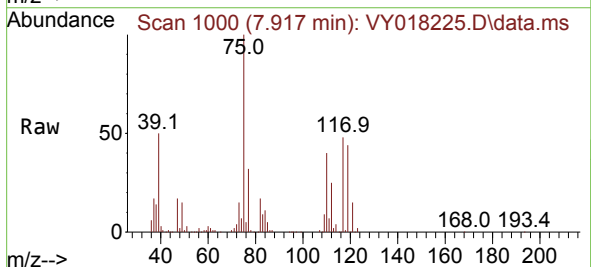
Instrument :
MSVOA_Y
ClientSampleId :

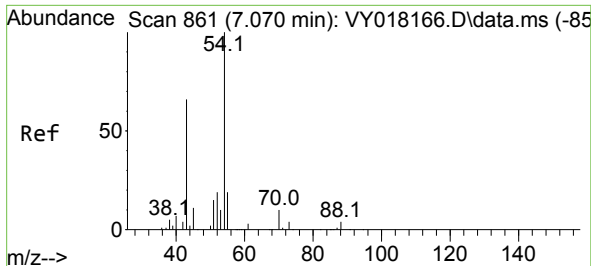
Tgt Ion:113 Resp: 94274
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.023 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 75 Resp: 130093
Ion Ratio Lower Upper
75 100
110 40.4 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 50.969 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

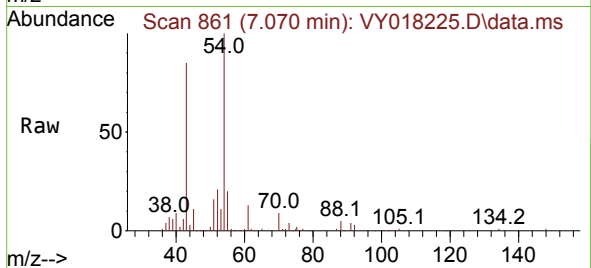
Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :



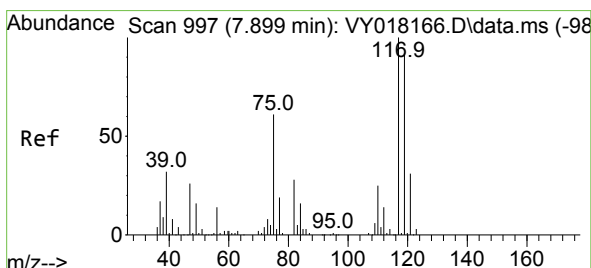
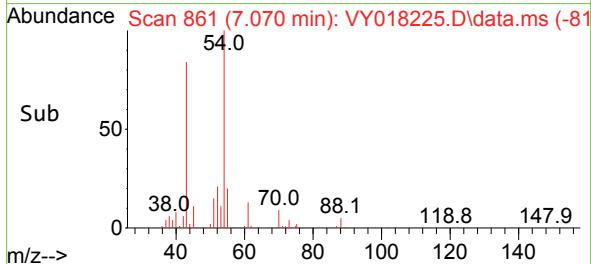
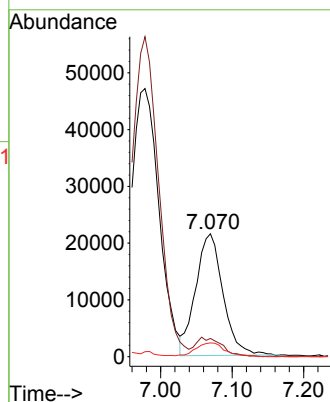
Tgt Ion: 43 Resp: 56929

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 12.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 49.820 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

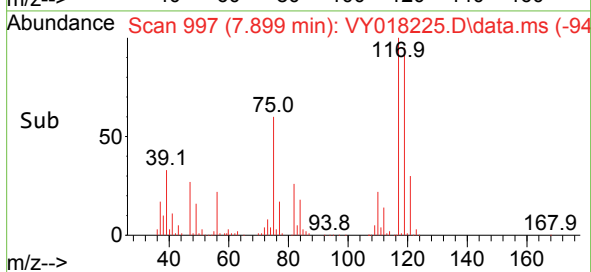
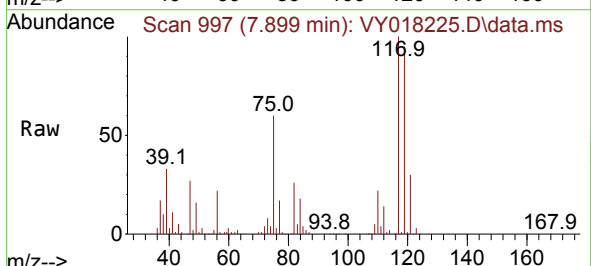
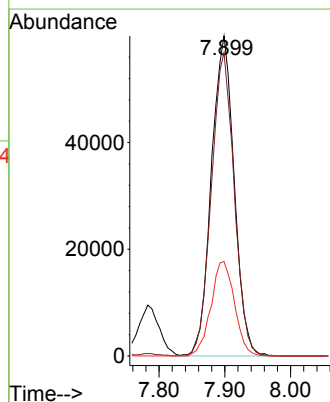
Tgt Ion: 117 Resp: 144461

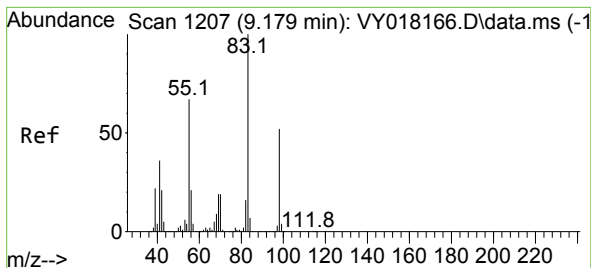
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 49.479 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

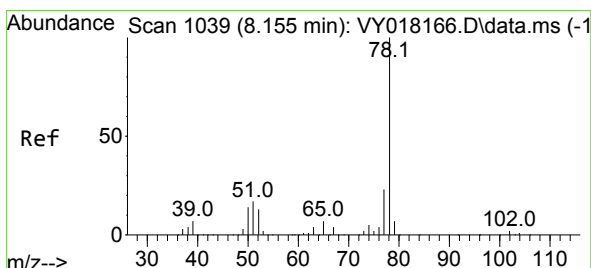
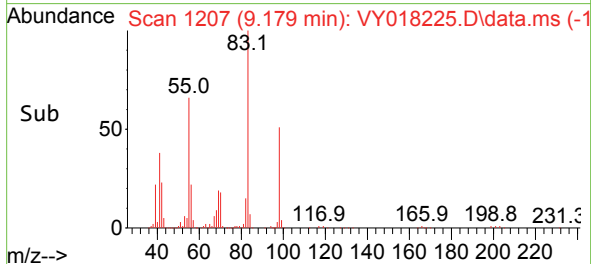
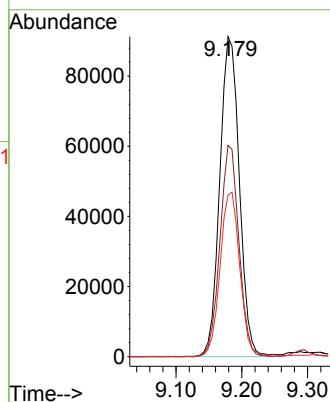
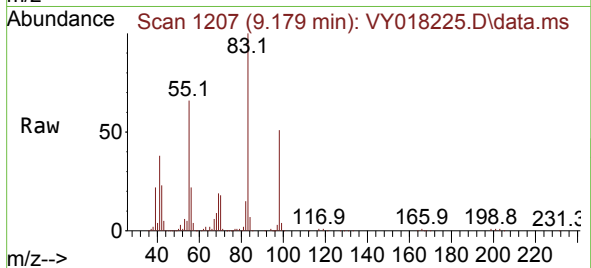
Tgt Ion: 83 Resp: 189425

Ion Ratio Lower Upper

83 100

55 66.1 51.5 77.3

98 50.5 40.5 60.7



#40

Benzene

Concen: 48.478 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018225.D

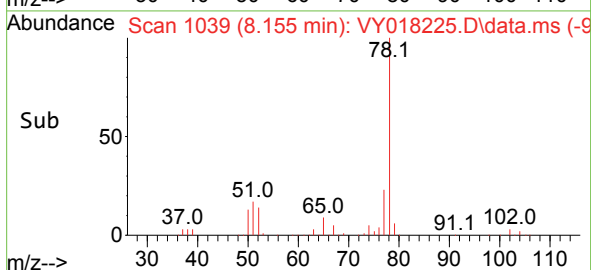
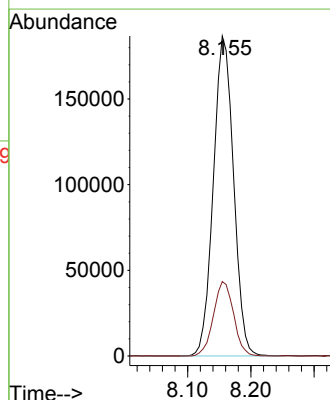
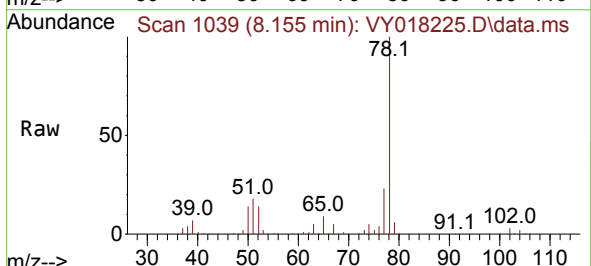
Acq: 10 May 2024 11:37

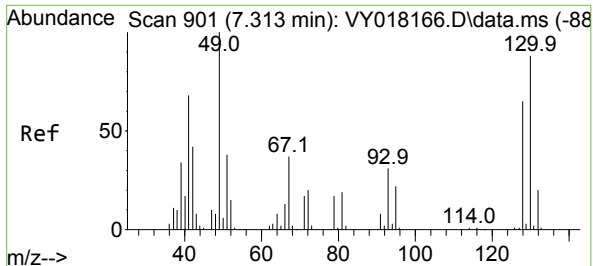
Tgt Ion: 78 Resp: 413814

Ion Ratio Lower Upper

78 100

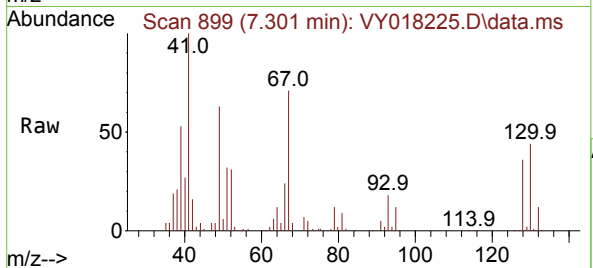
77 23.3 19.5 29.3



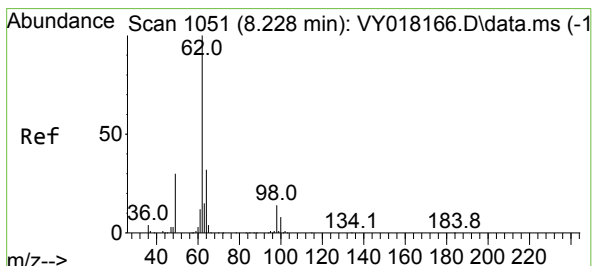
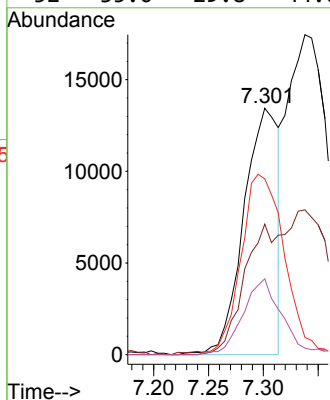
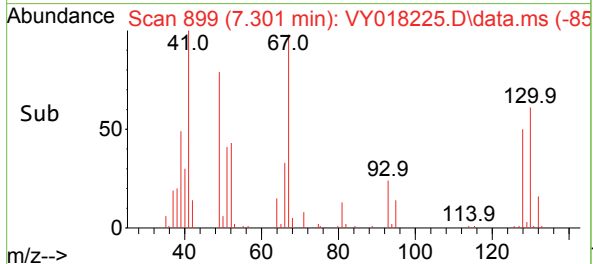


#41
Methacrylonitrile
Concen: 45.839 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

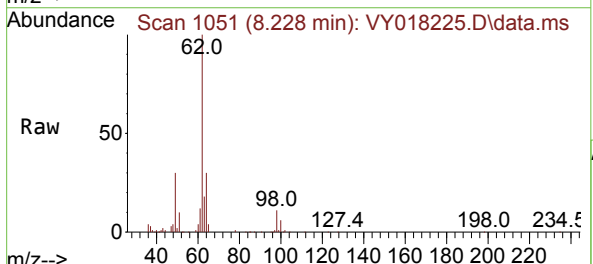
Instrument :
MSVOA_Y
ClientSampleId :



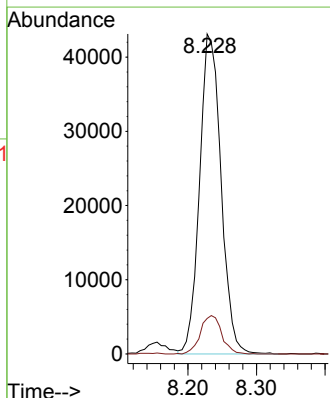
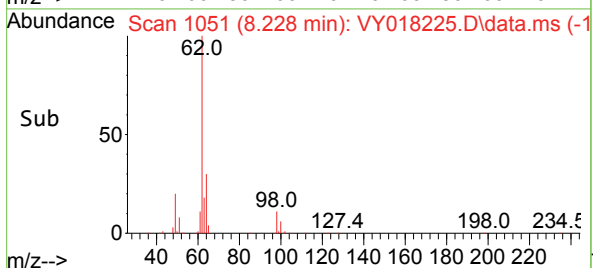
Tgt Ion: 41 Resp: 29565
Ion Ratio Lower Upper
41 100
39 44.3 48.0 72.0#
67 91.9 75.1 112.7
52 35.0 29.8 44.6

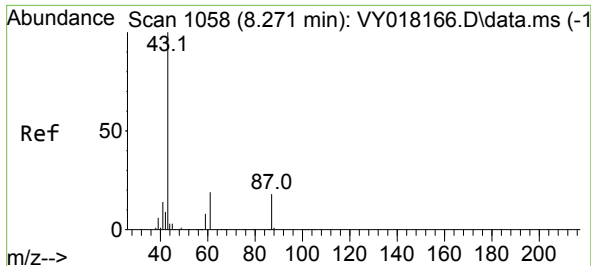


#42
1,2-Dichloroethane
Concen: 50.541 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37



Tgt Ion: 62 Resp: 93869
Ion Ratio Lower Upper
62 100
98 11.9 0.0 22.0

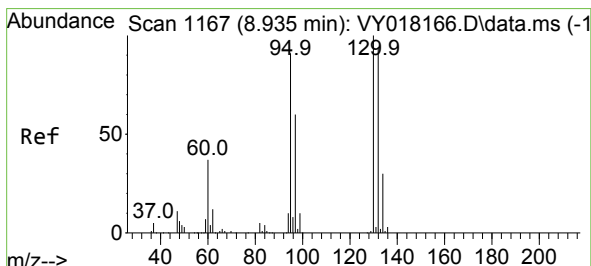
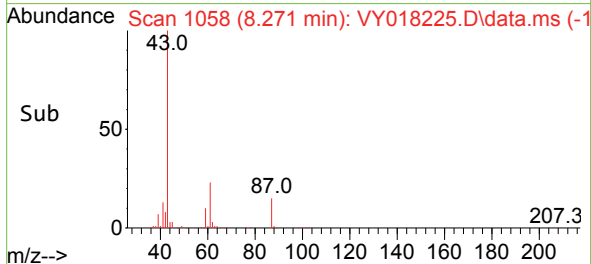
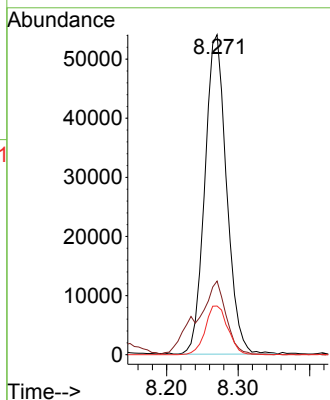
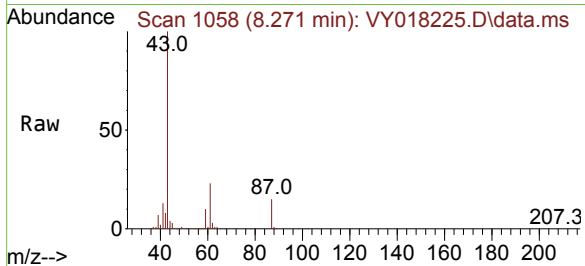




#43
Isopropyl Acetate
Concen: 49.819 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

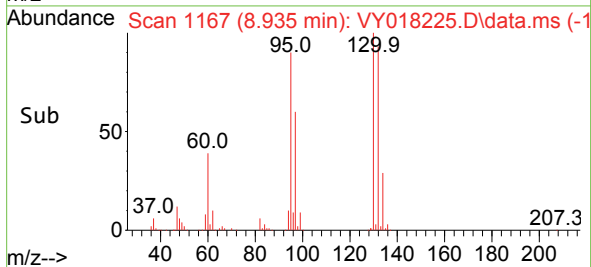
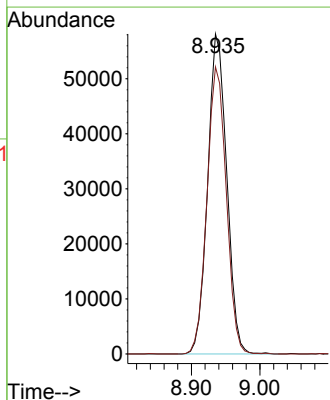
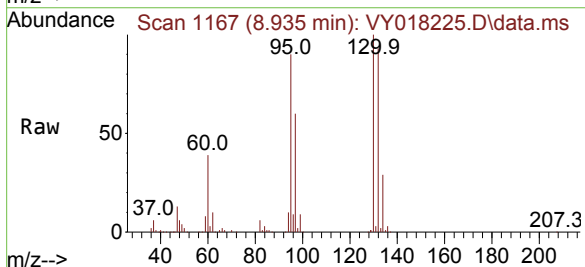
Instrument :
MSVOA_Y
ClientSampleId :

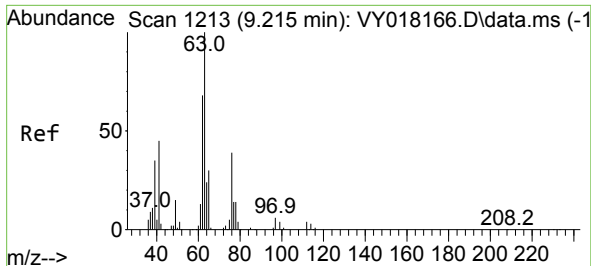
Tgt Ion: 43 Resp: 114056
Ion Ratio Lower Upper
43 100
61 31.2 27.9 41.9
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 48.396 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion:130 Resp: 112460
Ion Ratio Lower Upper
130 100
95 89.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 47.741 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

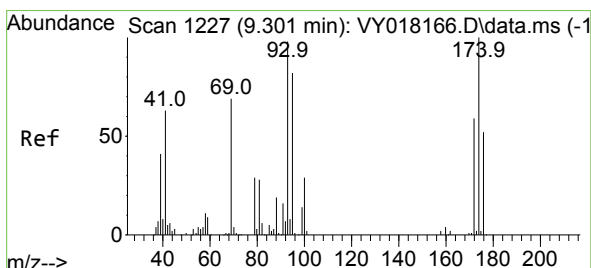
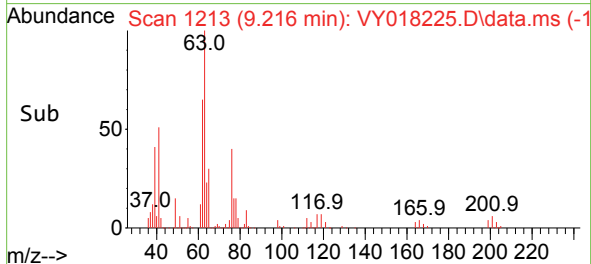
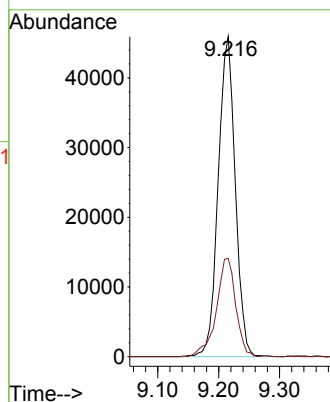
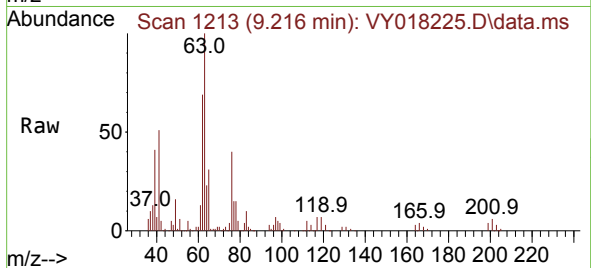
ClientSampleId :

Tgt Ion: 63 Resp: 89093

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#46

Dibromomethane

Concen: 48.005 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

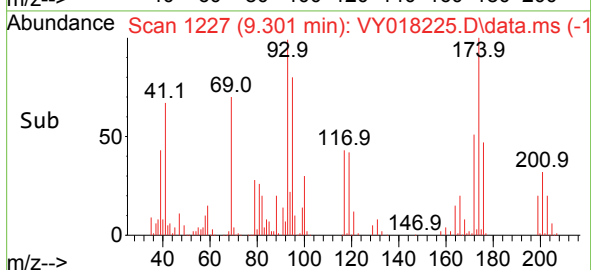
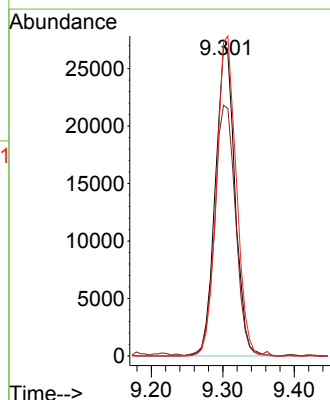
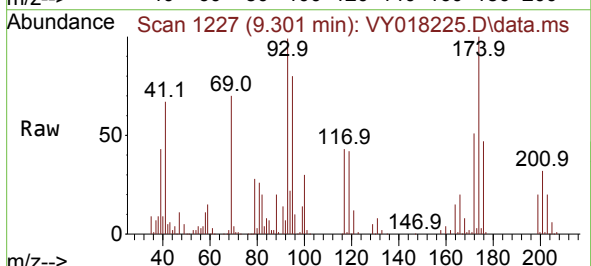
Tgt Ion: 93 Resp: 51501

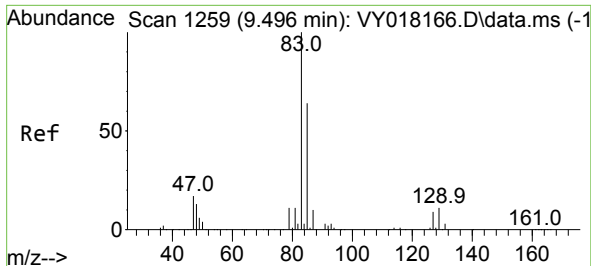
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 103.5 80.9 121.3

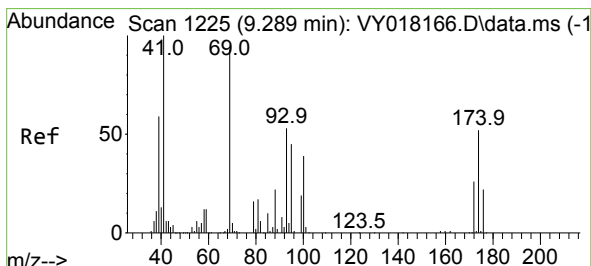
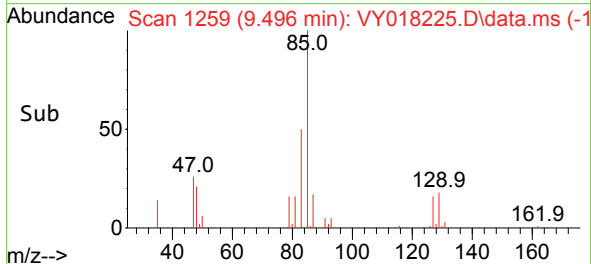
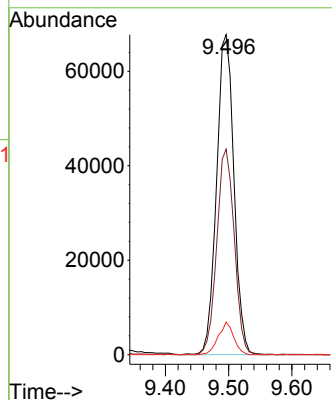
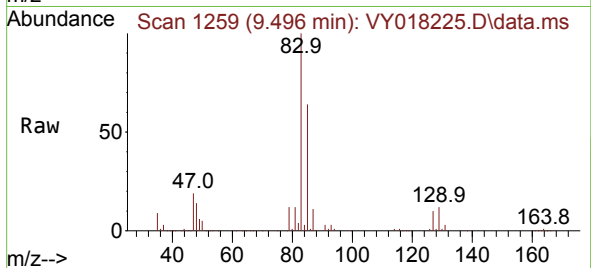




#47
Bromodichloromethane
Concen: 48.552 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

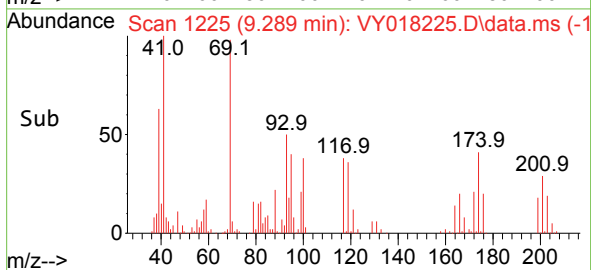
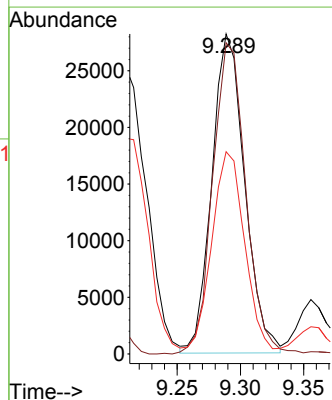
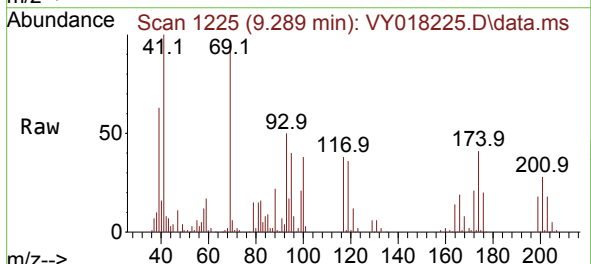
Instrument :
MSVOA_Y
ClientSampleId :

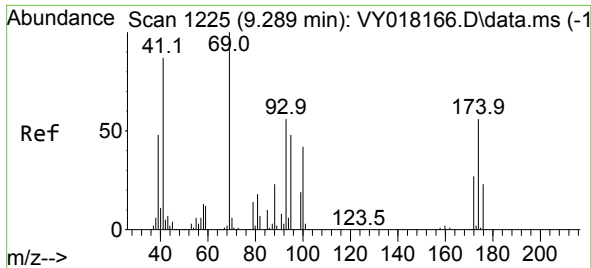
Tgt Ion: 83 Resp: 128772
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 10.2 7.4 11.0



#48
Methyl methacrylate
Concen: 48.512 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 41 Resp: 50902
Ion Ratio Lower Upper
41 100
69 97.9 84.1 126.1
39 60.4 43.6 65.4





#49

1,4-Dioxane

Concen: 953.960 ug/l

RT: 9.289 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

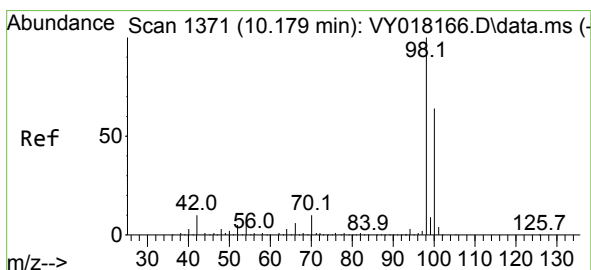
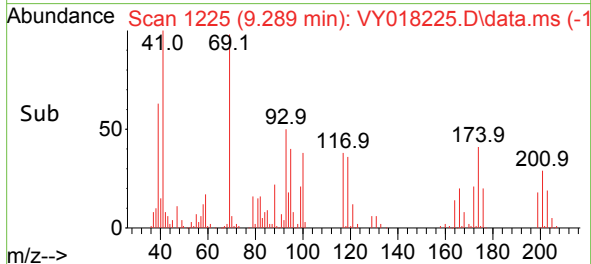
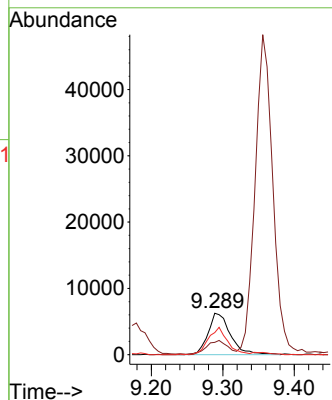
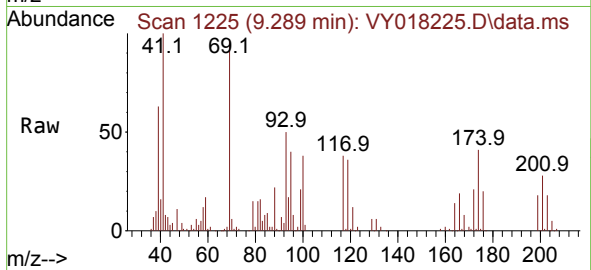
Tgt Ion: 88 Resp: 13585

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 56.9 49.3 73.9



#50

Toluene-d8

Concen: 49.963 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018225.D

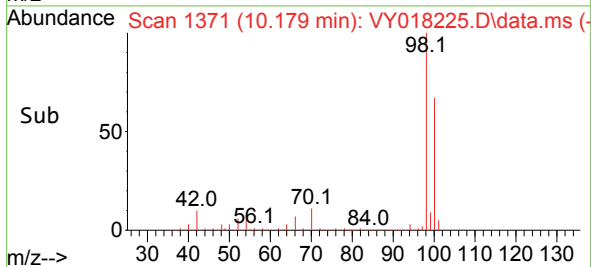
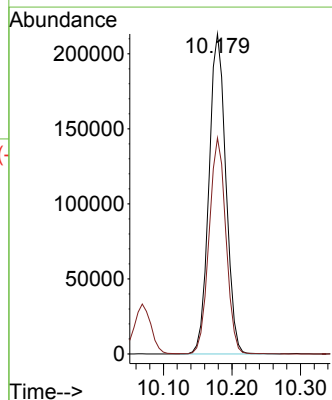
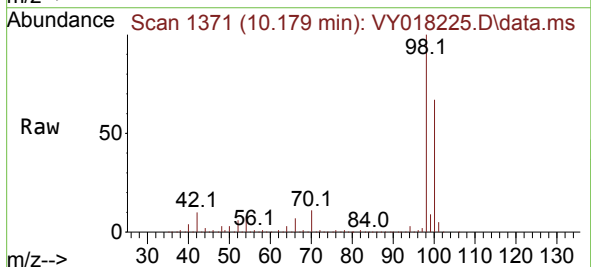
Acq: 10 May 2024 11:37

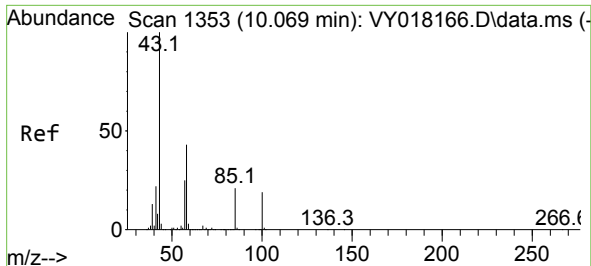
Tgt Ion: 98 Resp: 364461

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

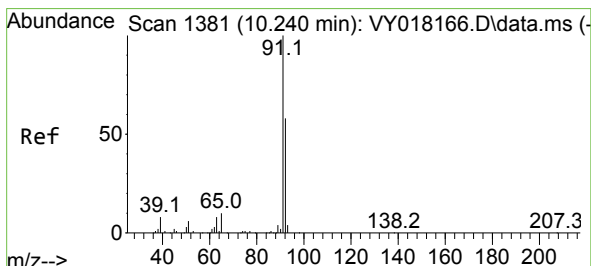
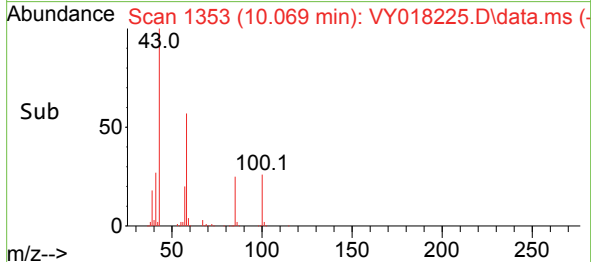
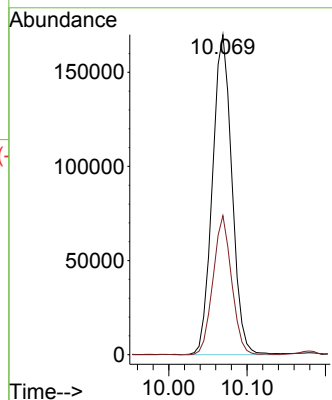
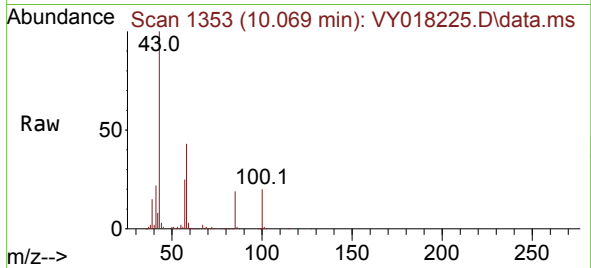




#51
4-Methyl-2-Pentanone
Concen: 255.731 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

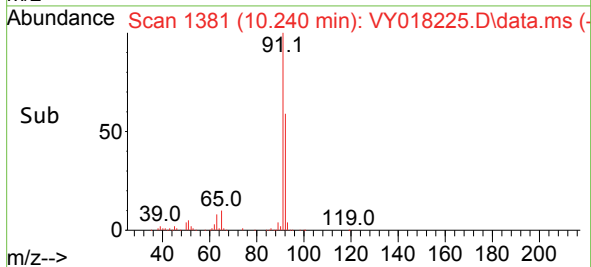
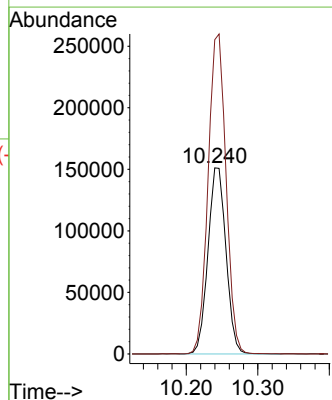
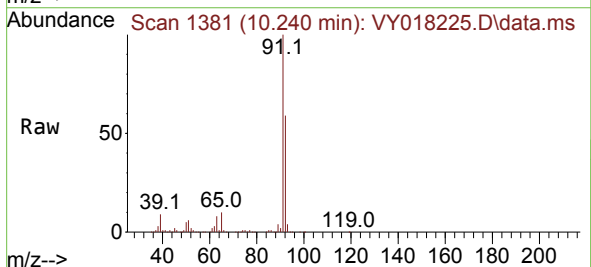
Instrument :
MSVOA_Y
ClientSampleId :

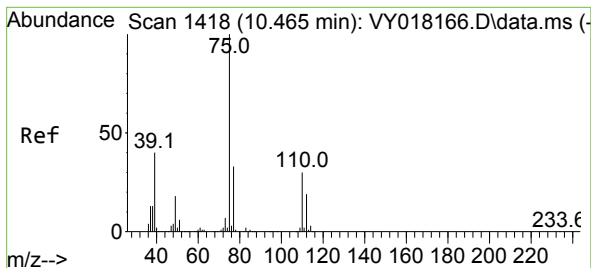
Tgt Ion: 43 Resp: 294264
Ion Ratio Lower Upper
43 100
58 41.4 35.7 53.5



#52
Toluene
Concen: 48.224 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 92 Resp: 265007
Ion Ratio Lower Upper
92 100
91 170.7 139.0 208.6

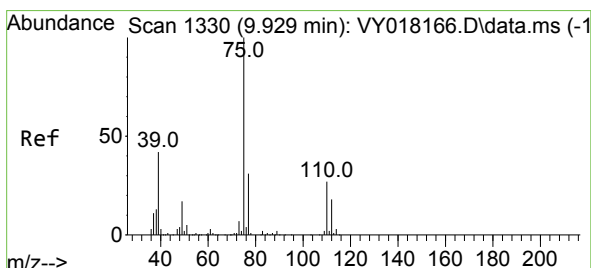
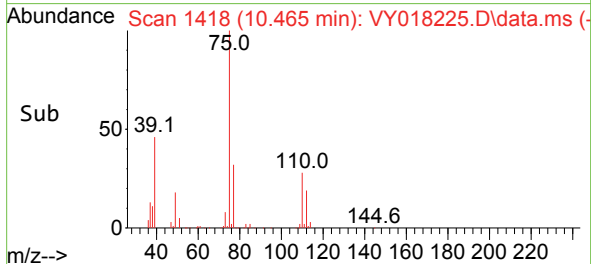
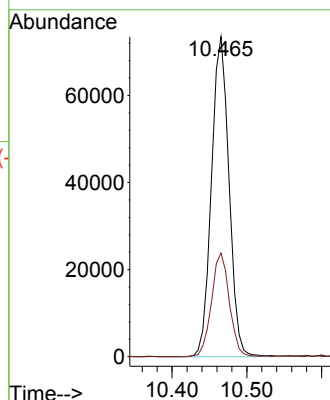
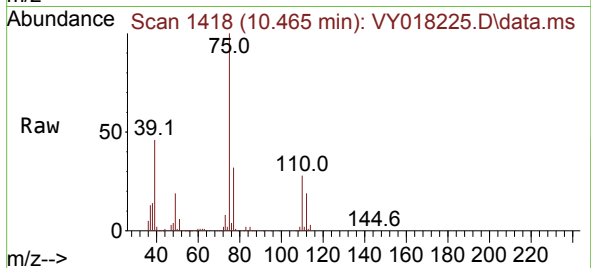




#53
t-1,3-Dichloropropene
Concen: 48.331 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

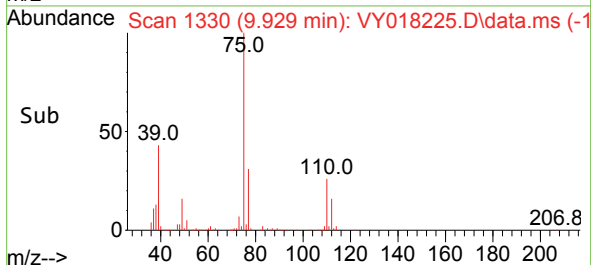
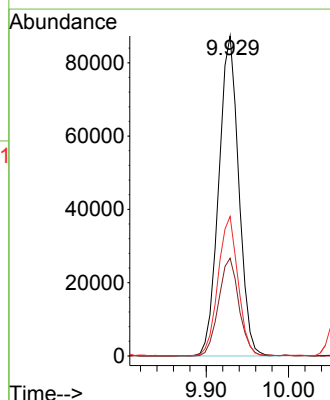
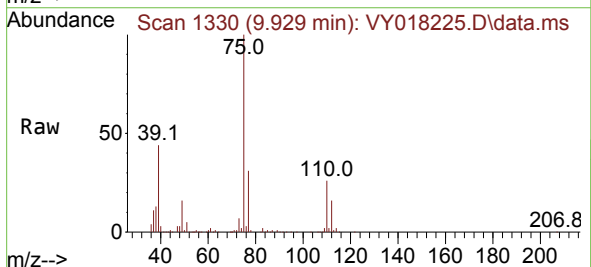
Instrument :
MSVOA_Y
ClientSampleId :

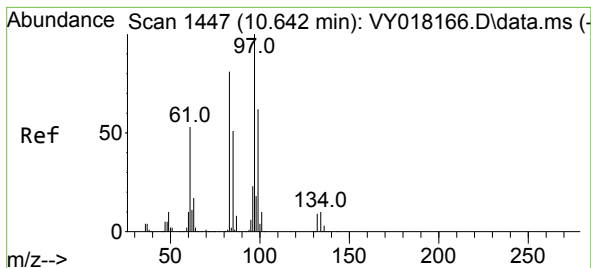
Tgt Ion: 75 Resp: 119734
Ion Ratio Lower Upper
75 100
77 32.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.796 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 75 Resp: 147769
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0
39 43.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 48.439 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

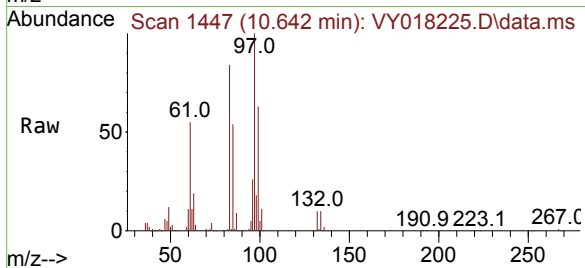
Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 71389

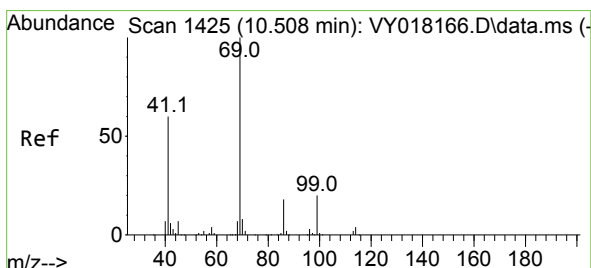
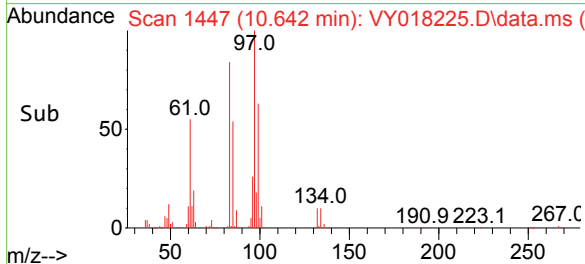
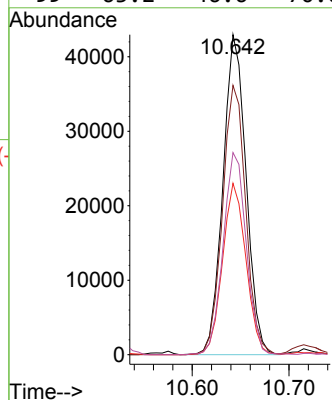
Ion Ratio Lower Upper

97 100

83 84.2 67.5 101.3

85 53.5 42.9 64.3

99 63.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.643 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

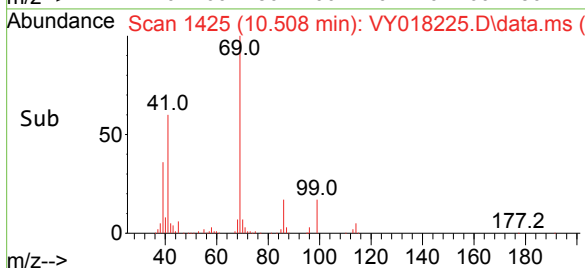
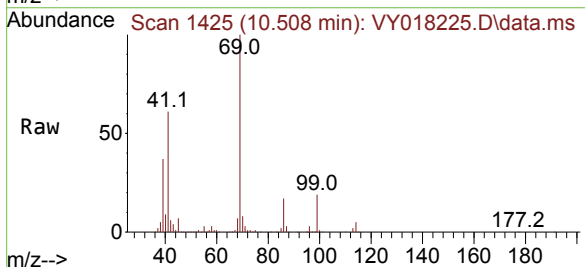
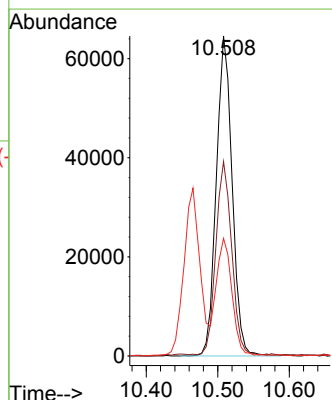
Tgt Ion: 69 Resp: 99366

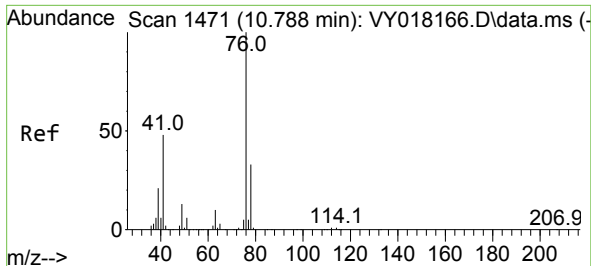
Ion Ratio Lower Upper

69 100

41 60.4 42.3 63.5

39 35.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 48.624 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

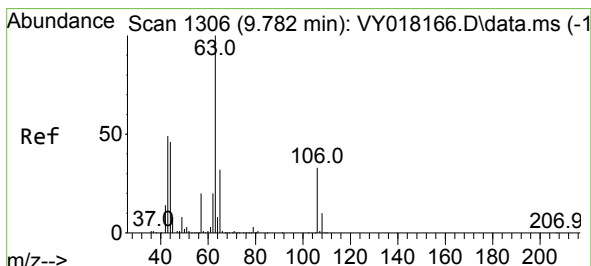
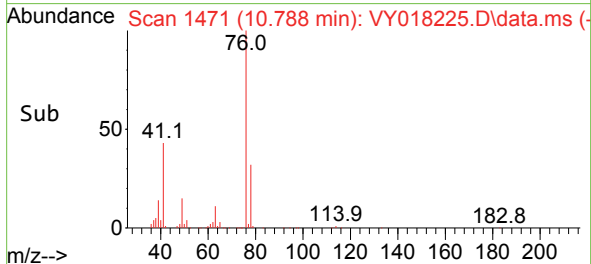
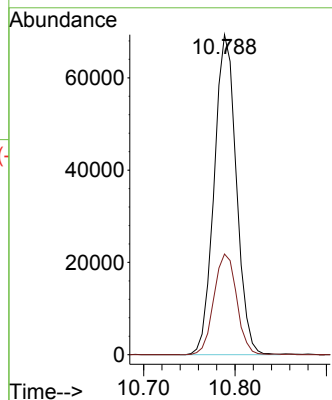
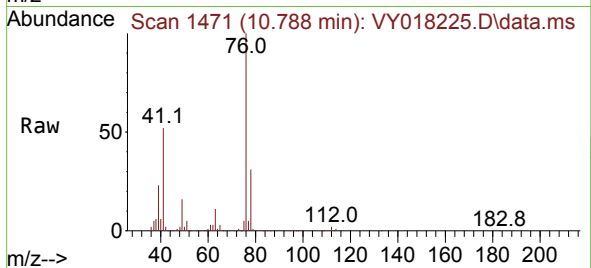
ClientSampleId :

Tgt Ion: 76 Resp: 116629

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 193.882 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018225.D

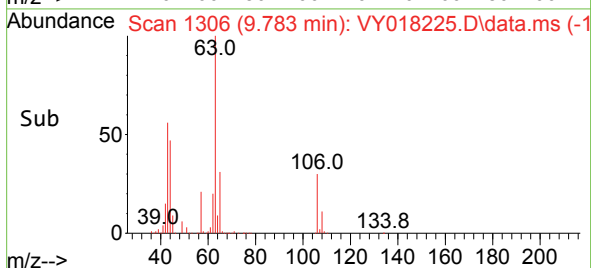
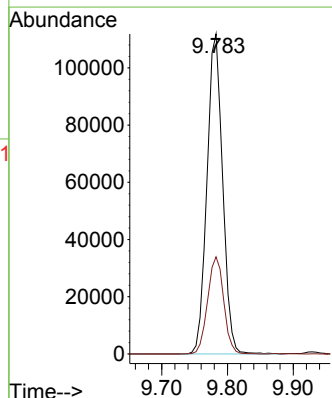
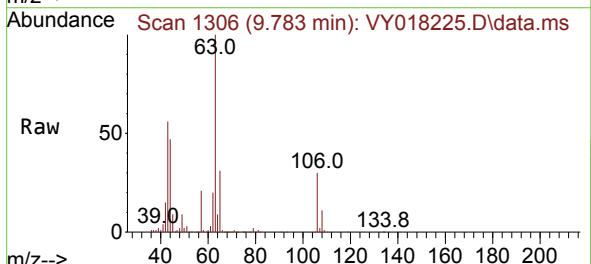
Acq: 10 May 2024 11:37

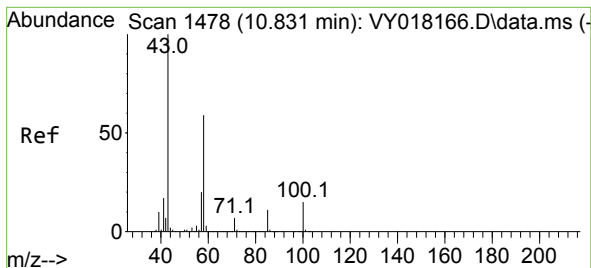
Tgt Ion: 63 Resp: 185307

Ion Ratio Lower Upper

63 100

106 31.2 23.7 35.5

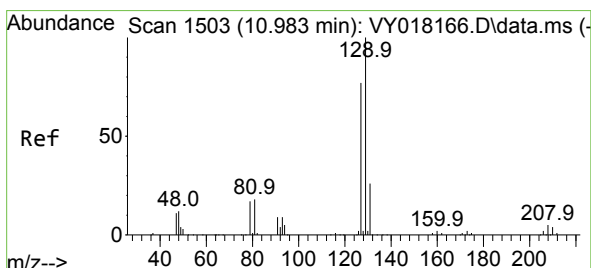
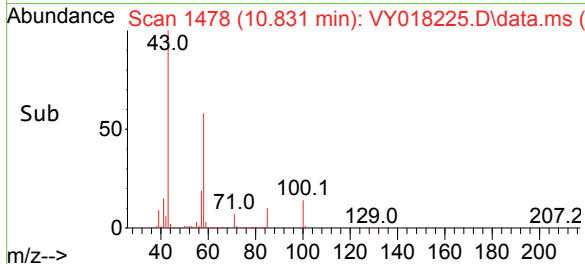
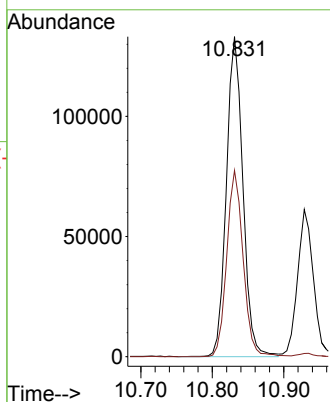
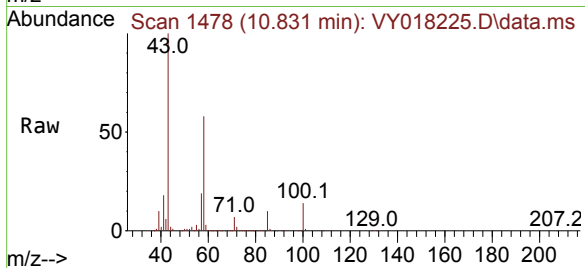




#59
2-Hexanone
Concen: 265.396 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

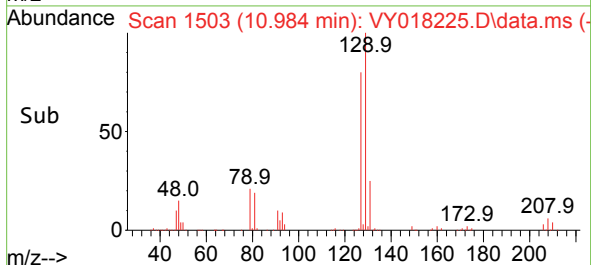
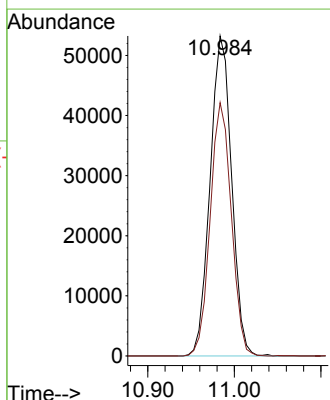
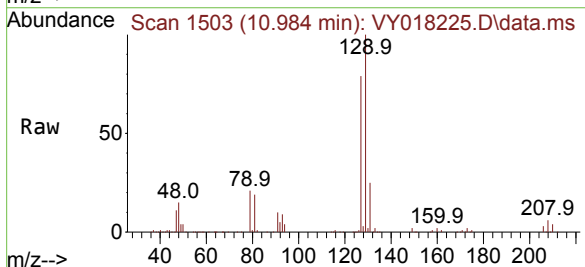
Instrument :
MSVOA_Y
ClientSampleId :

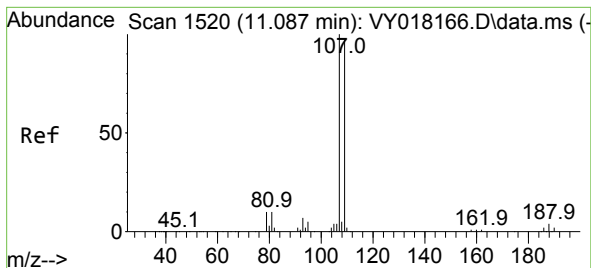
Tgt Ion: 43 Resp: 213527
Ion Ratio Lower Upper
43 100
58 57.8 31.4 94.0



#60
Dibromochloromethane
Concen: 48.087 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 129 Resp: 91949
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

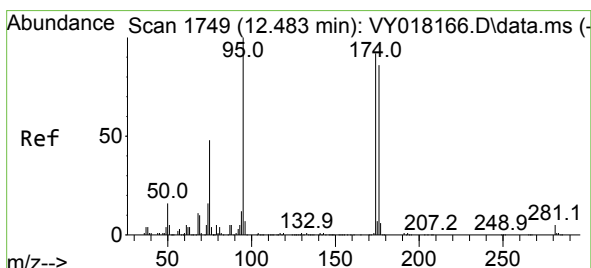
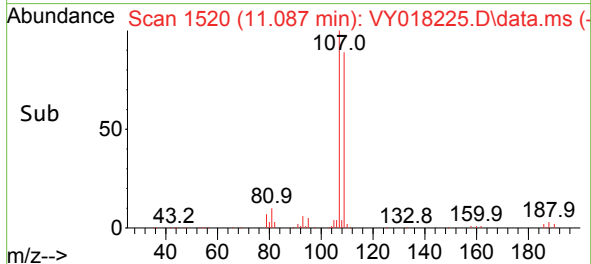
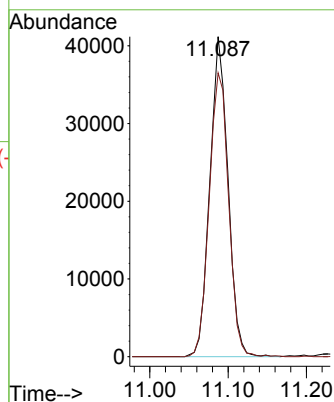
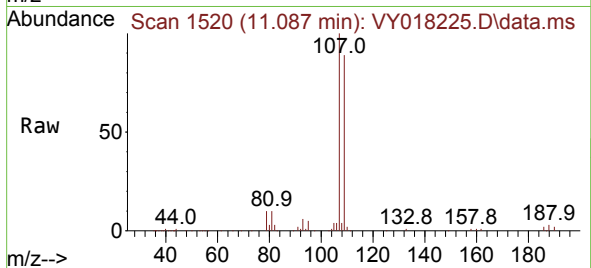




#61
1,2-Dibromoethane
Concen: 47.736 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

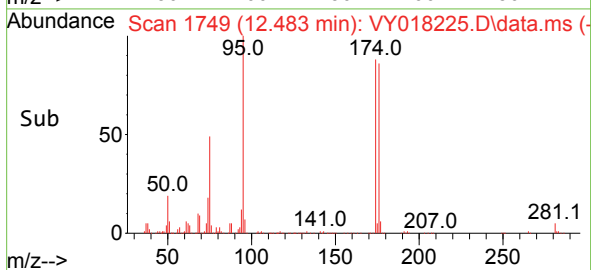
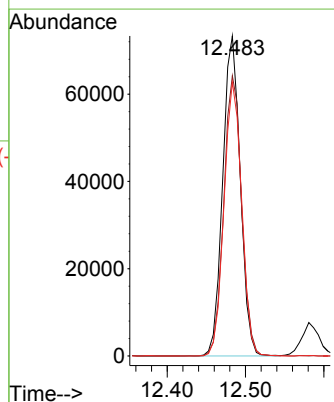
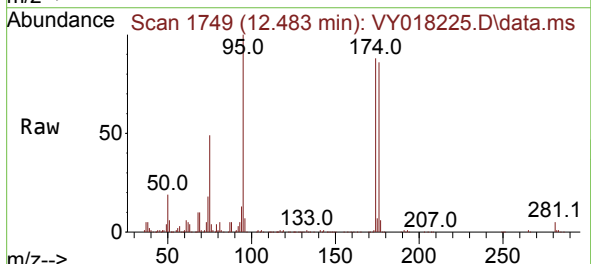
Instrument :
MSVOA_Y
ClientSampleId :

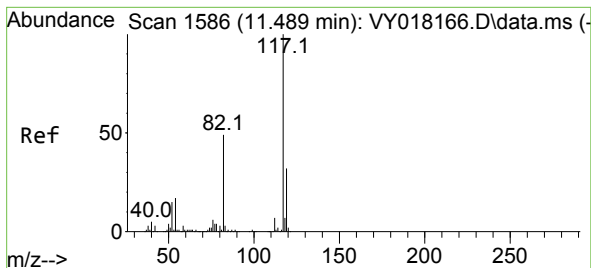
Tgt Ion:107 Resp: 66265
Ion Ratio Lower Upper
107 100
109 94.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 95 Resp: 114296
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.6
176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

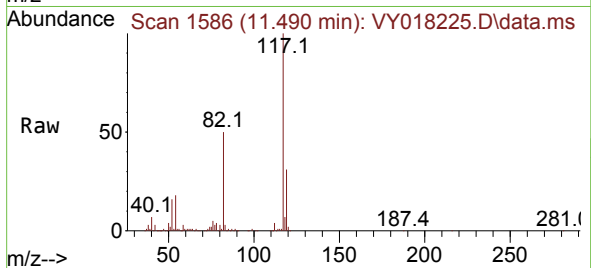
Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :



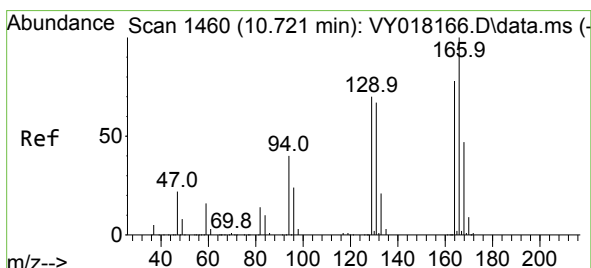
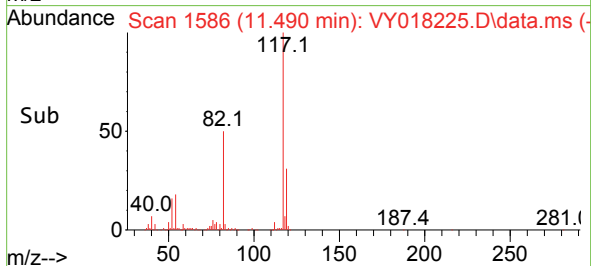
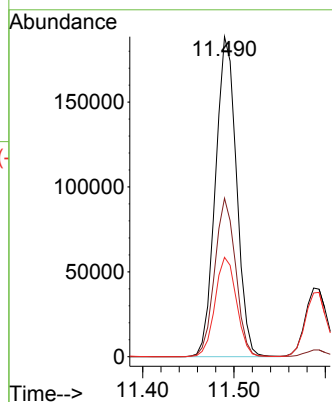
Tgt Ion:117 Resp: 301429

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 31.0 25.9 38.9



#64

Tetrachloroethene

Concen: 47.936 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Tgt Ion:164 Resp: 96205

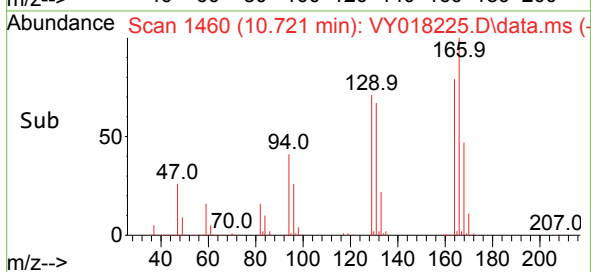
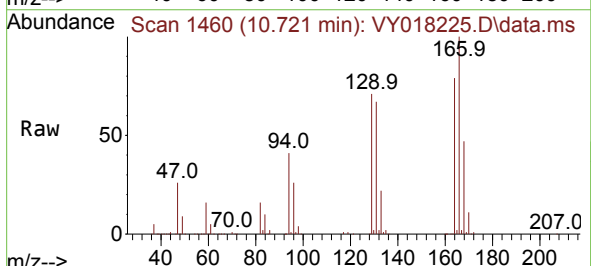
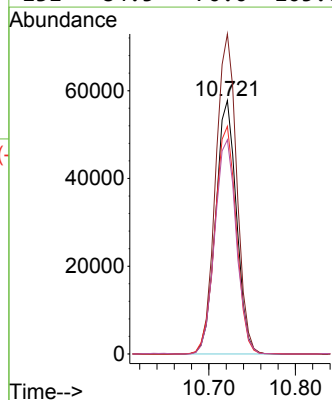
Ion Ratio Lower Upper

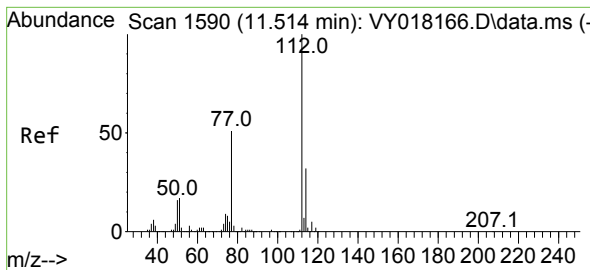
164 100

166 126.3 102.6 154.0

129 89.8 72.0 108.0

131 84.5 70.0 105.0

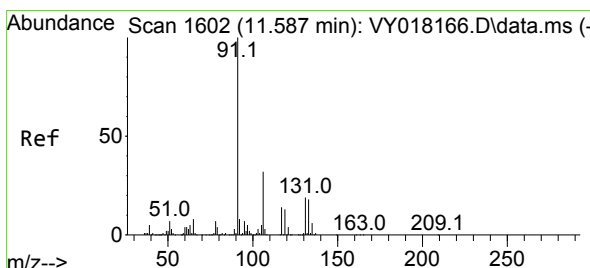
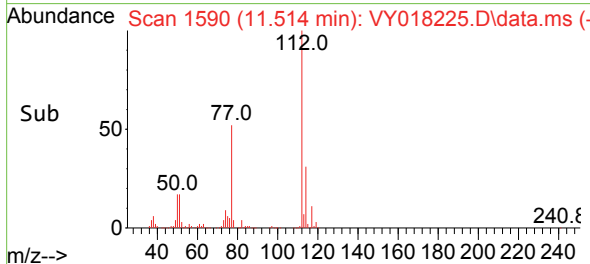
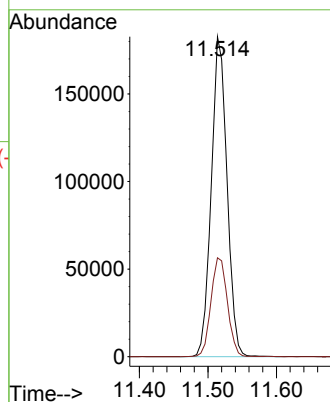
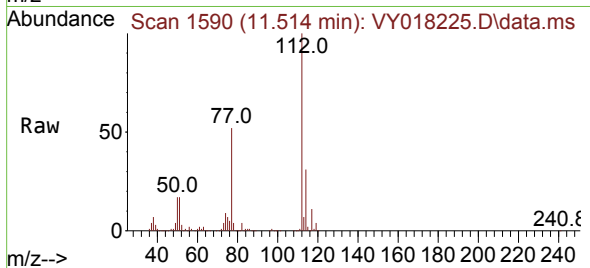




#65
Chlorobenzene
Concen: 47.547 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

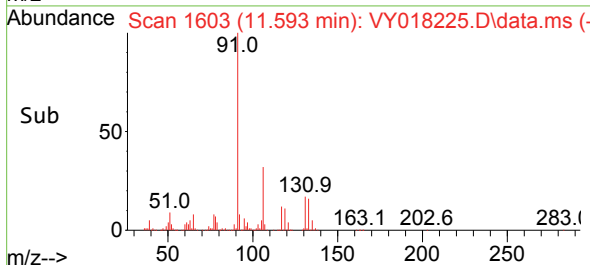
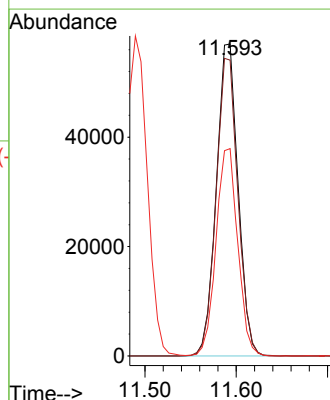
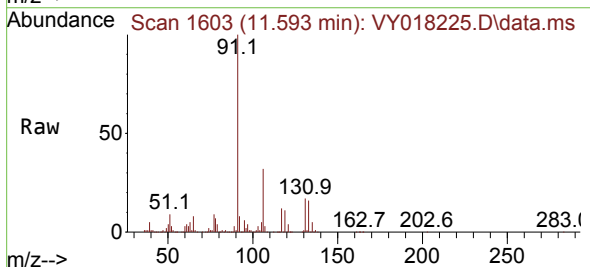
Instrument :
MSVOA_Y
ClientSampleId :

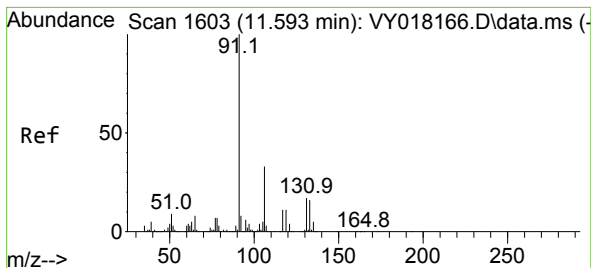
Tgt Ion:112 Resp: 291900
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.497 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion:131 Resp: 94320
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 48.745 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

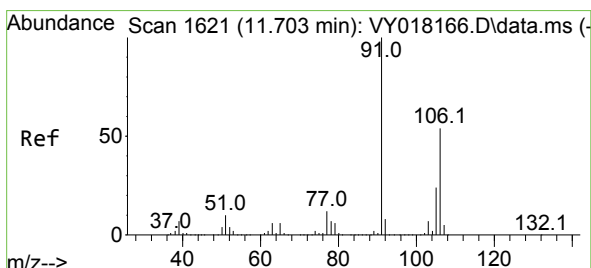
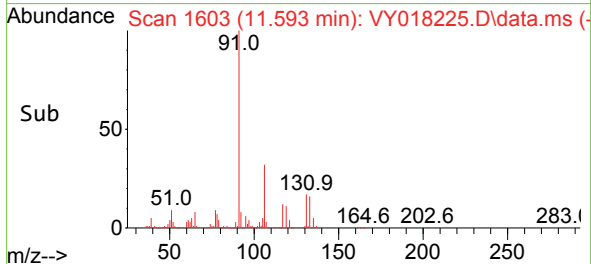
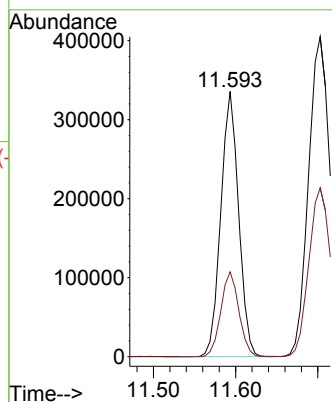
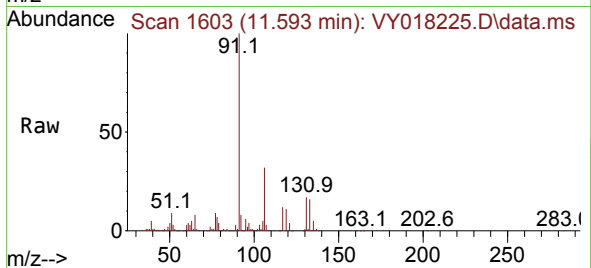
ClientSampleId :

Tgt Ion: 91 Resp: 505266

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 95.796 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018225.D

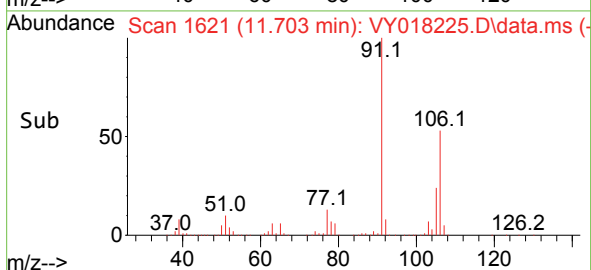
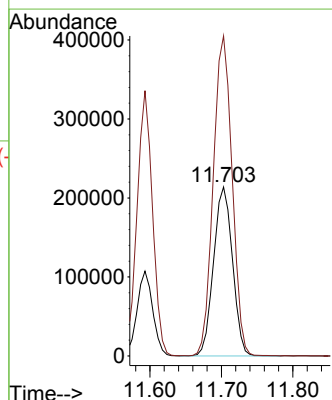
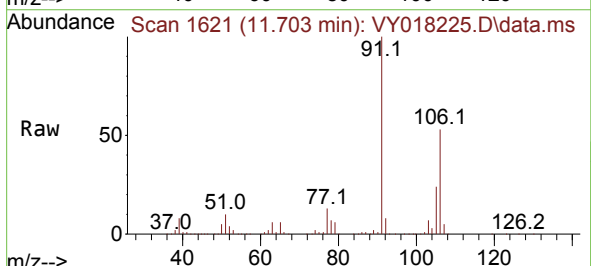
Acq: 10 May 2024 11:37

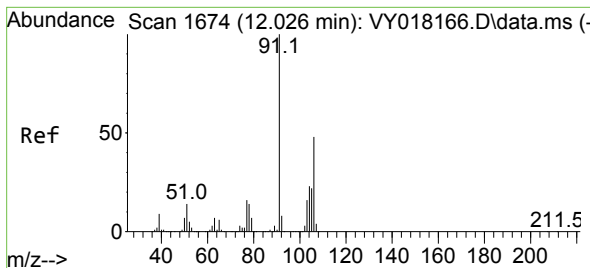
Tgt Ion:106 Resp: 392677

Ion Ratio Lower Upper

106 100

91 189.0 156.0 234.0





#69

o-Xylene

Concen: 47.586 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

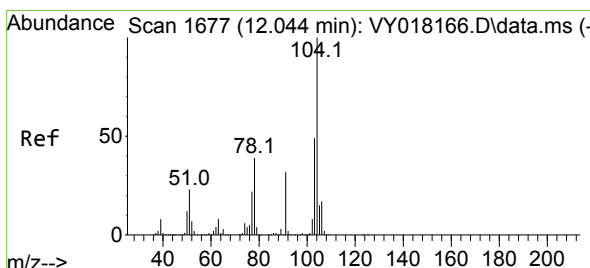
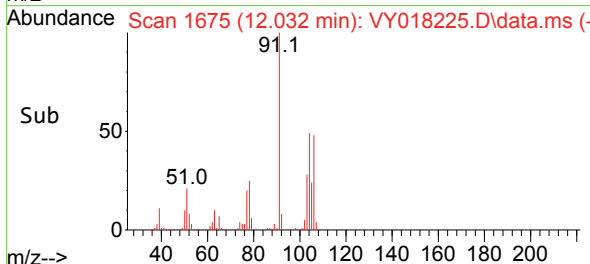
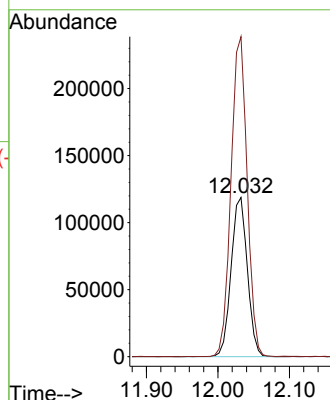
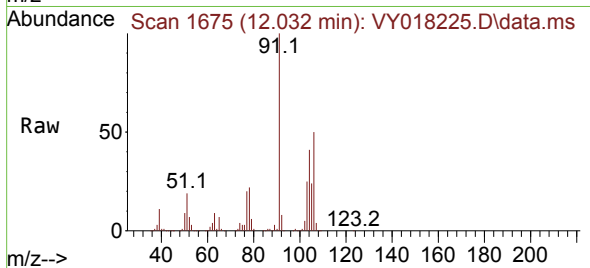
ClientSampleId :

Tgt Ion:106 Resp: 187191

Ion Ratio Lower Upper

106 100

91 199.7 103.6 310.8



#70

Styrene

Concen: 48.070 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

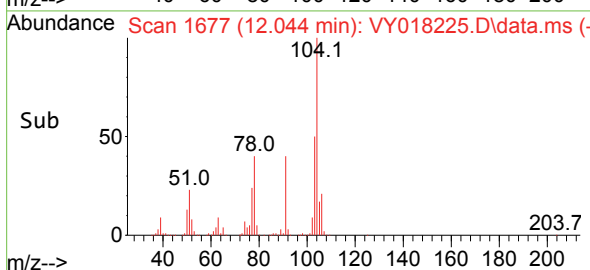
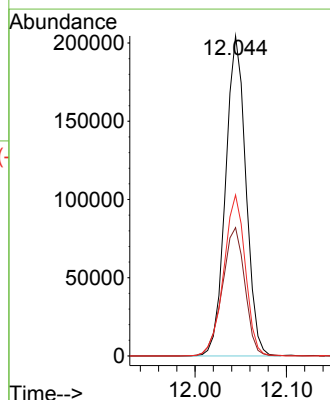
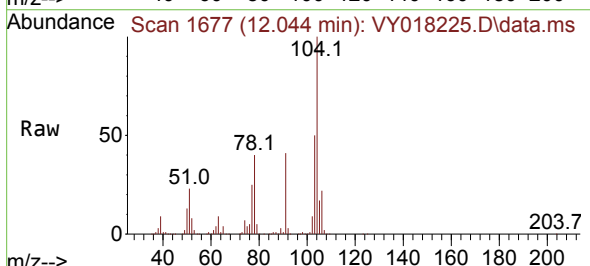
Tgt Ion:104 Resp: 315789

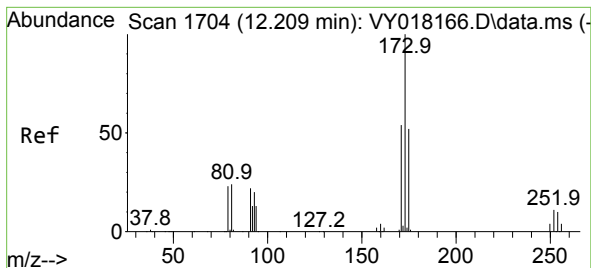
Ion Ratio Lower Upper

104 100

78 44.6 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 47.053 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

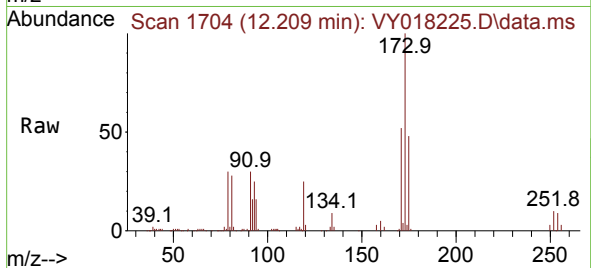
Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :



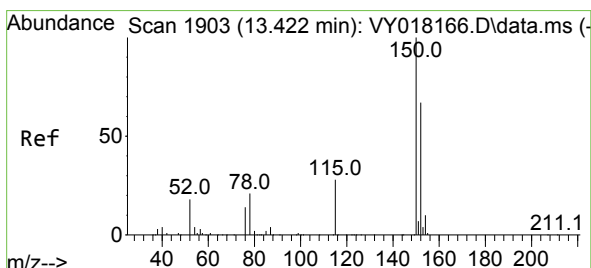
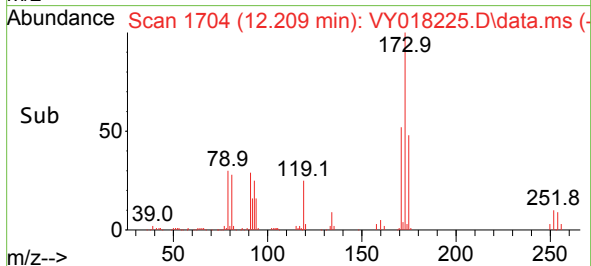
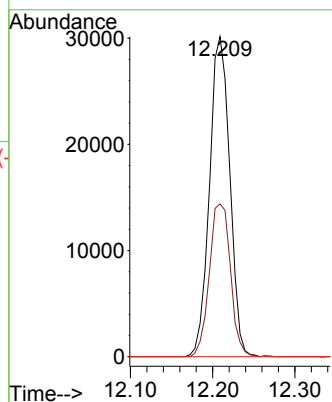
Tgt Ion:173 Resp: 51699

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

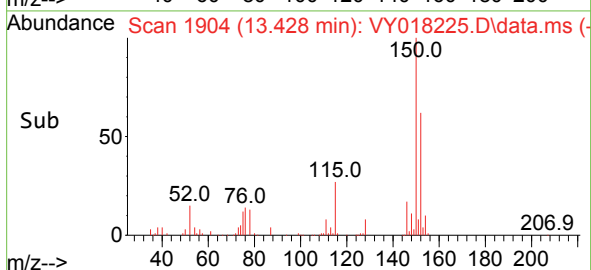
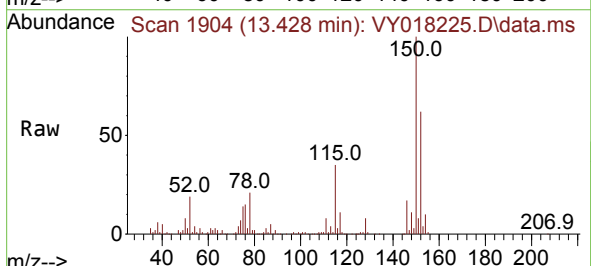
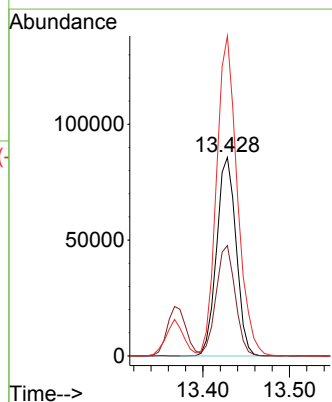
Tgt Ion:152 Resp: 134011

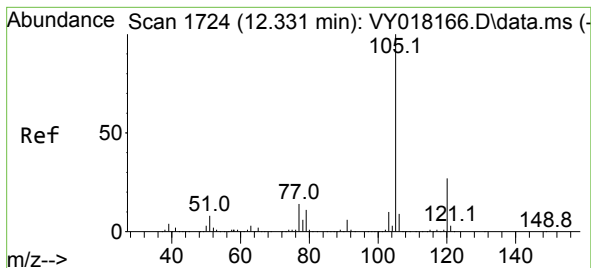
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 172.0 0.0 345.6





#73

Isopropylbenzene

Concen: 48.399 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

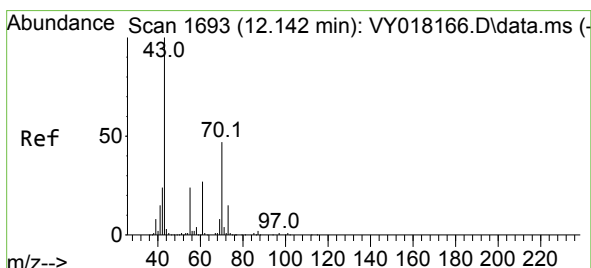
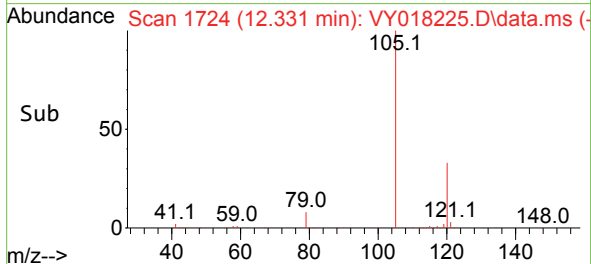
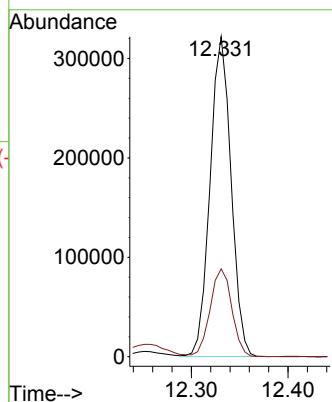
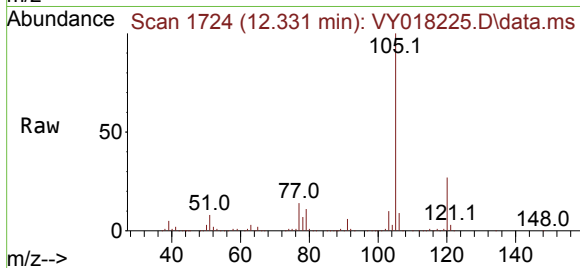
ClientSampleId :

Tgt Ion:105 Resp: 486298

Ion Ratio Lower Upper

105 100

120 28.3 13.4 40.1



#74

N-ethyl acetate

Concen: 51.091 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Tgt Ion: 43 Resp: 106563

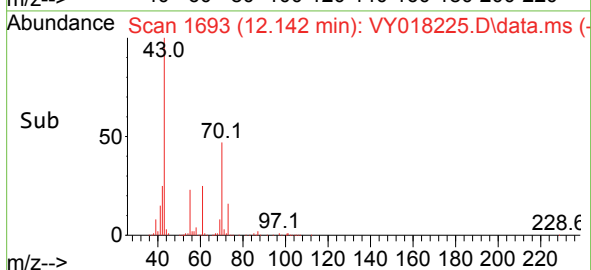
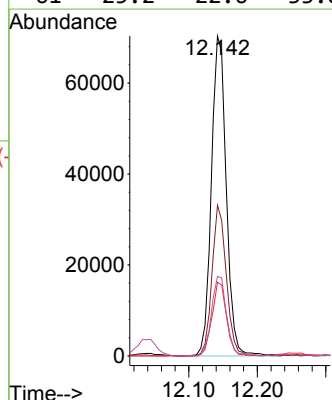
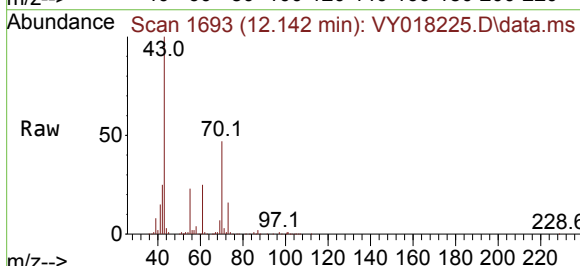
Ion Ratio Lower Upper

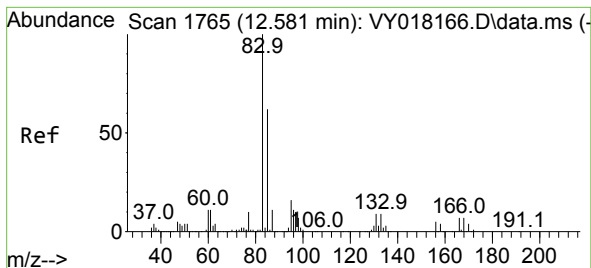
43 100

70 45.2 41.4 62.2

55 22.7 23.3 34.9#

61 25.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.646 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018225.D

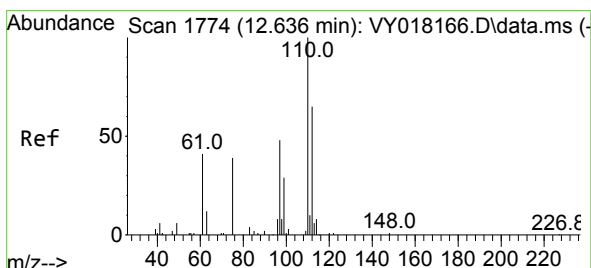
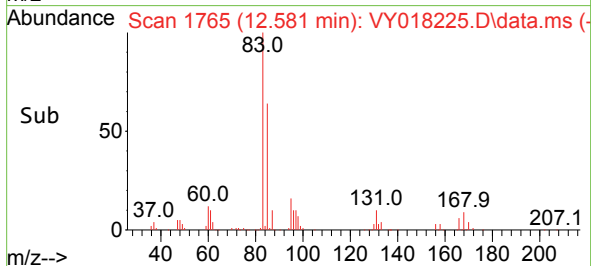
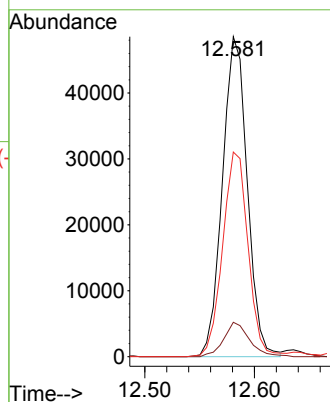
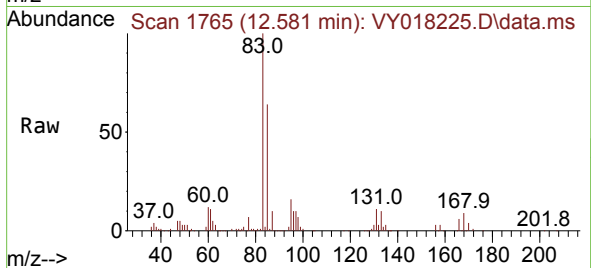
Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	76368
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.0	14.9
85	65.6	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 91.116 ug/l

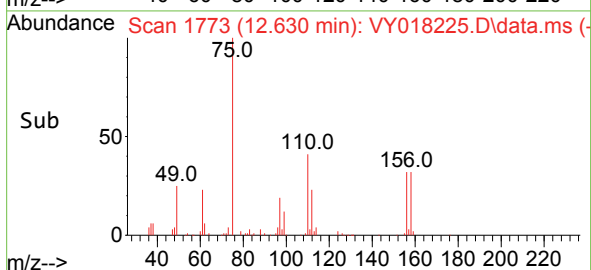
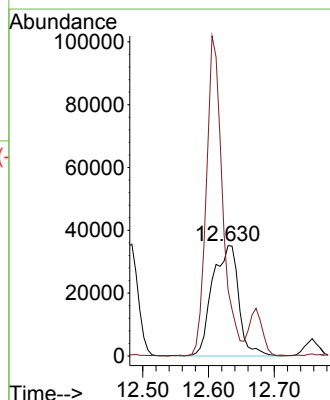
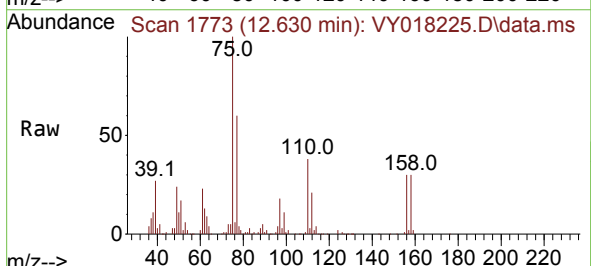
RT: 12.630 min Scan# 1773

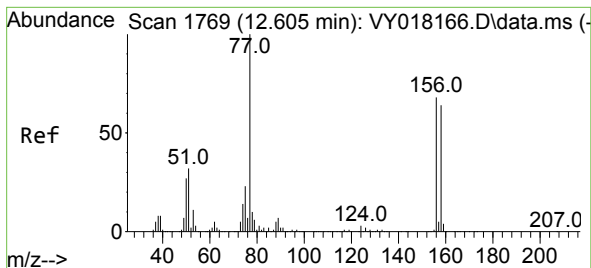
Delta R.T. -0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Tgt Ion:	75	Resp:	97738
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.067 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

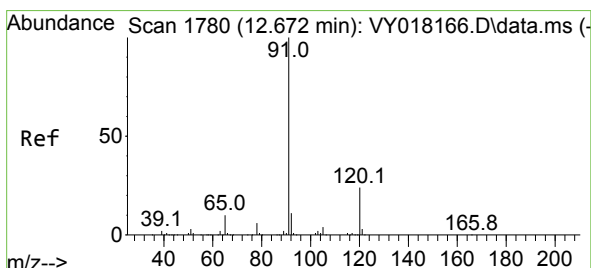
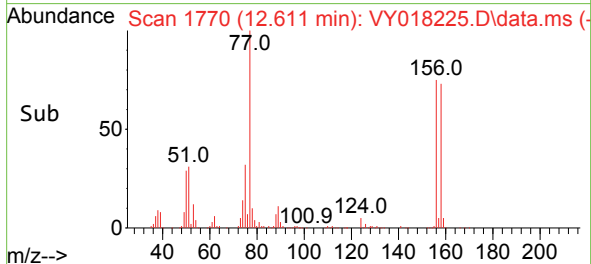
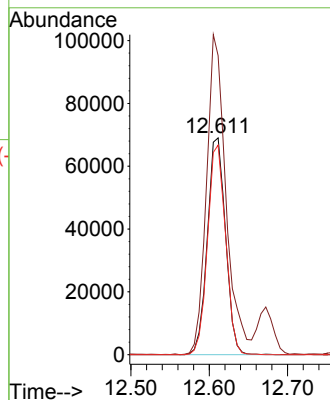
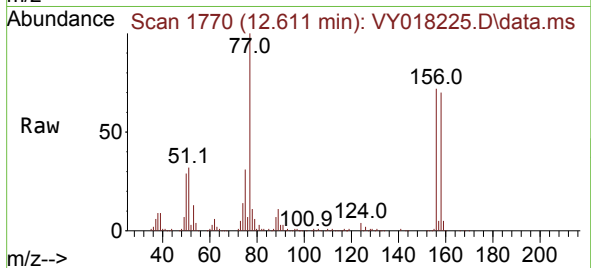
Tgt Ion:156 Resp: 110950

Ion Ratio Lower Upper

156 100

77 158.4 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 48.764 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018225.D

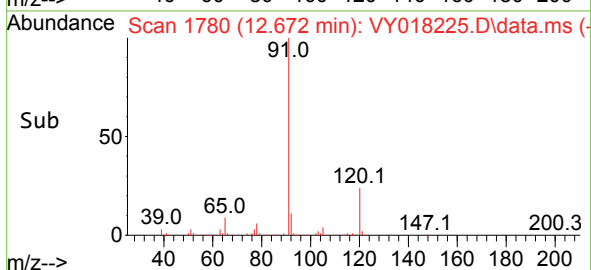
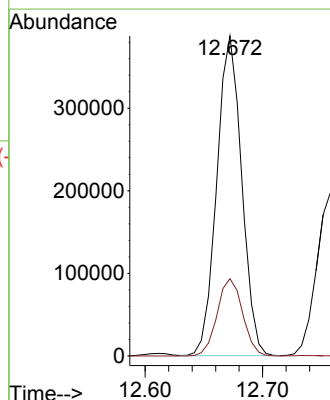
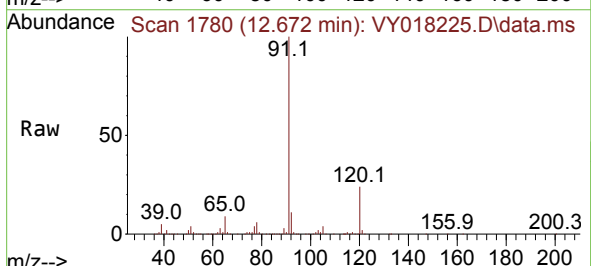
Acq: 10 May 2024 11:37

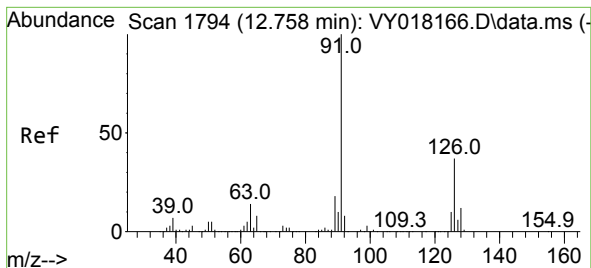
Tgt Ion: 91 Resp: 569897

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4

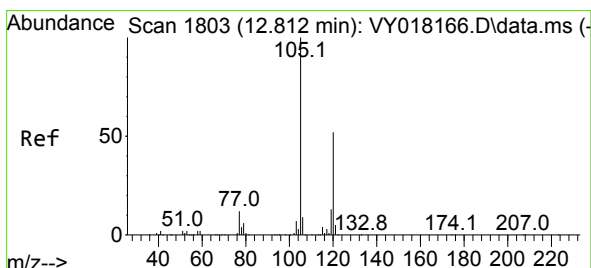
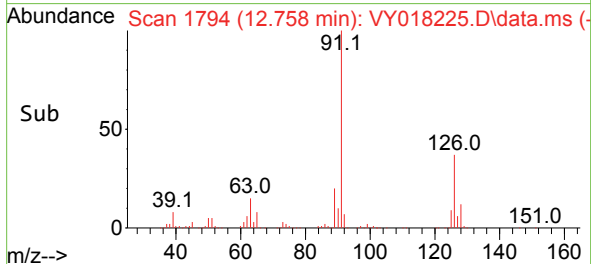
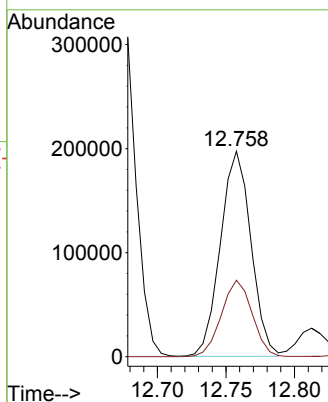
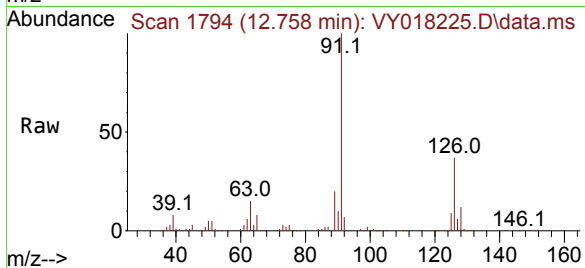




#79
2-Chlorotoluene
Concen: 47.099 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

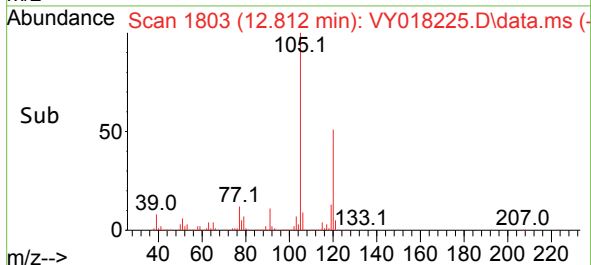
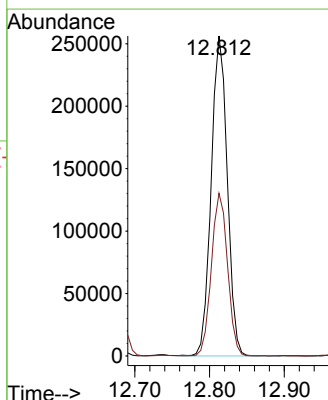
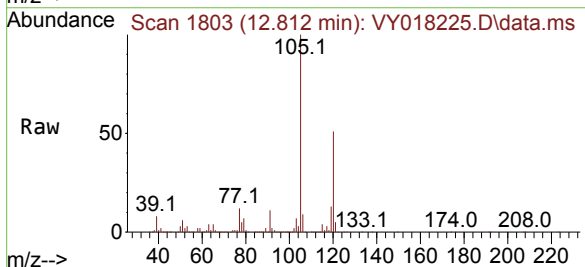
Instrument :
MSVOA_Y
ClientSampleId :

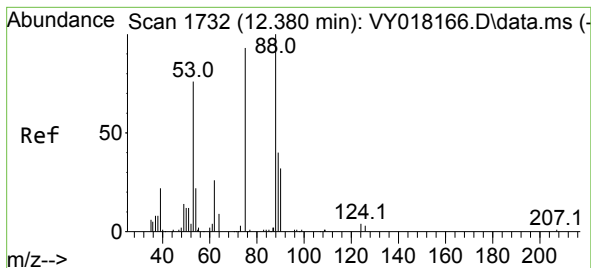
Tgt Ion: 91 Resp: 305875
Ion Ratio Lower Upper
91 100
126 37.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.268 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 105 Resp: 382420
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.2

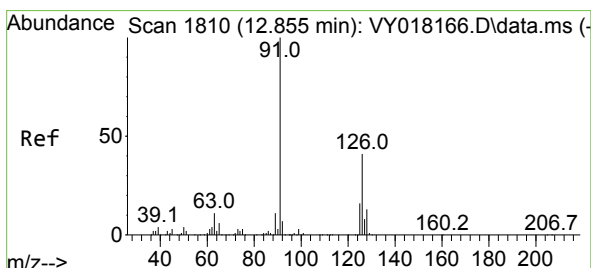
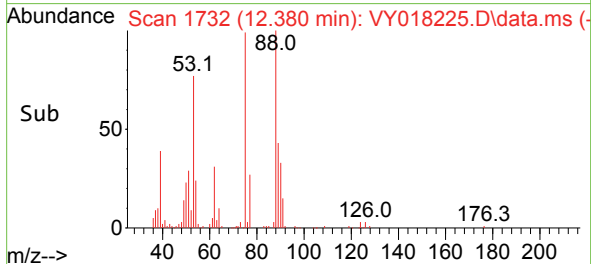
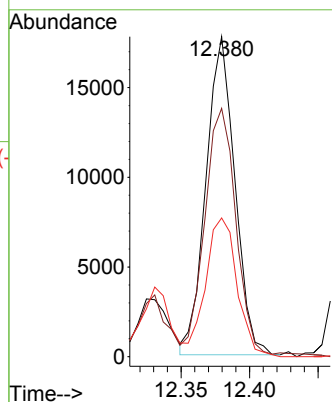
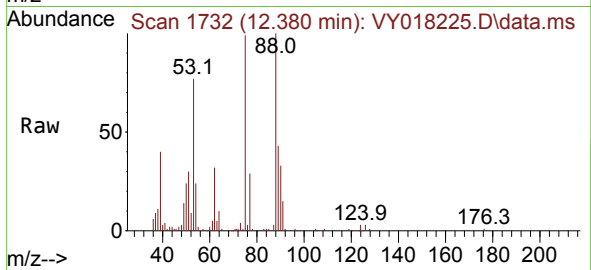




#81
trans-1,4-Dichloro-2-butene
Concen: 46.642 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

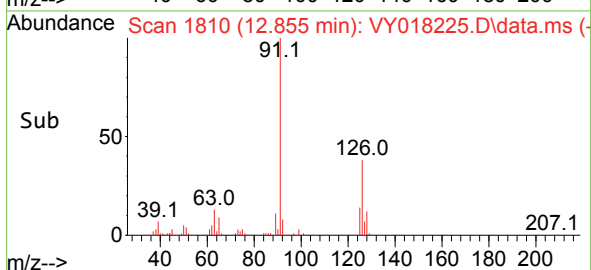
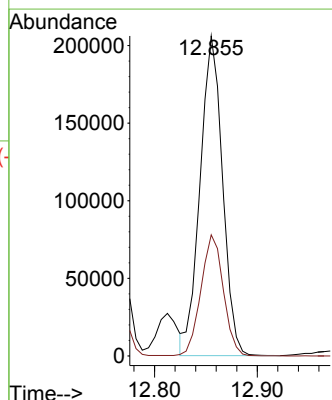
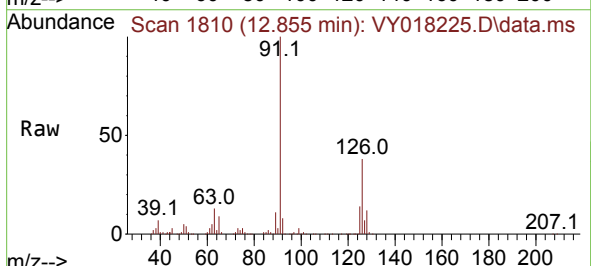
Instrument :
MSVOA_Y
ClientSampleId :

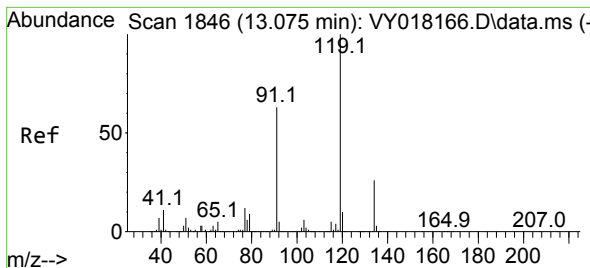
Tgt Ion: 75 Resp: 25968
Ion Ratio Lower Upper
75 100
53 85.9 66.8 100.2
89 47.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.981 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018225.D
Acq: 10 May 2024 11:37

Tgt Ion: 91 Resp: 312997
Ion Ratio Lower Upper
91 100
126 38.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.265 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

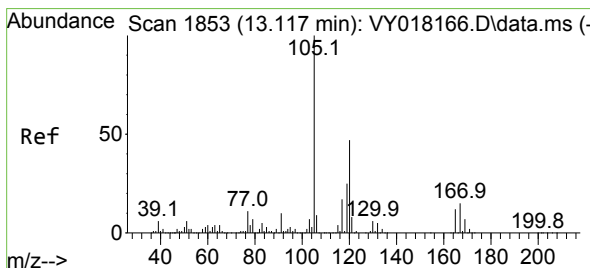
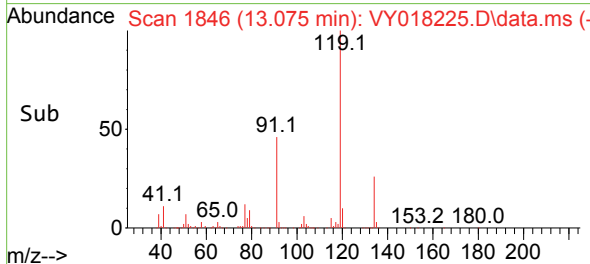
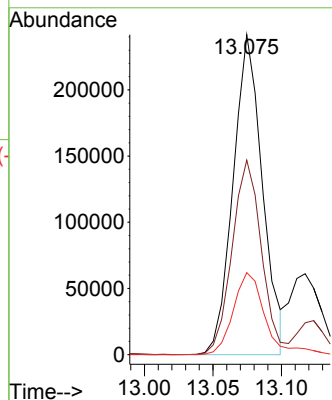
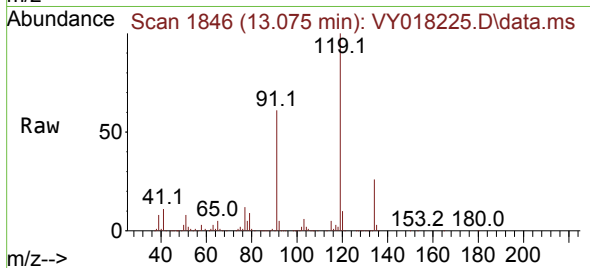
Tgt Ion:119 Resp: 360022

Ion Ratio Lower Upper

119 100

91 61.2 31.3 93.8

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.580 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018225.D

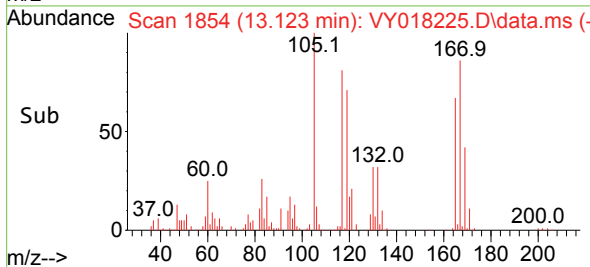
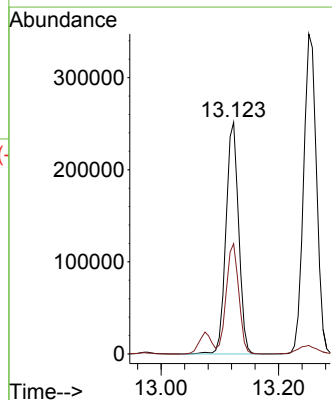
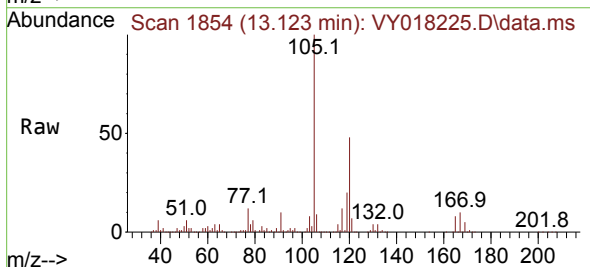
Acq: 10 May 2024 11:37

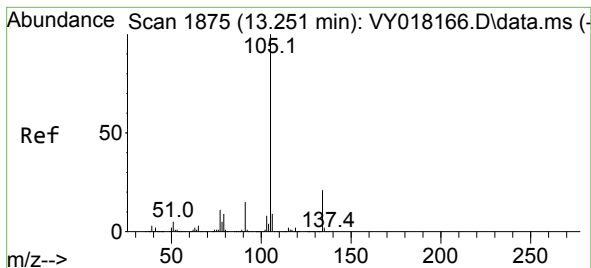
Tgt Ion:105 Resp: 377025

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.260 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

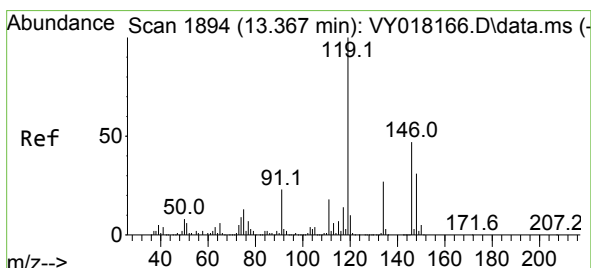
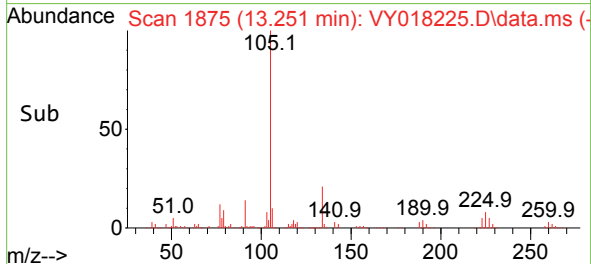
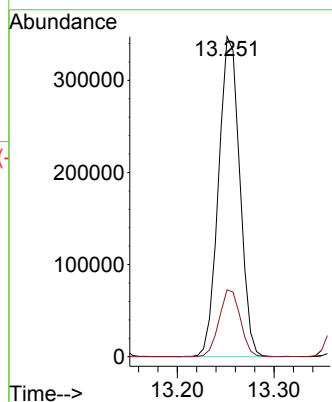
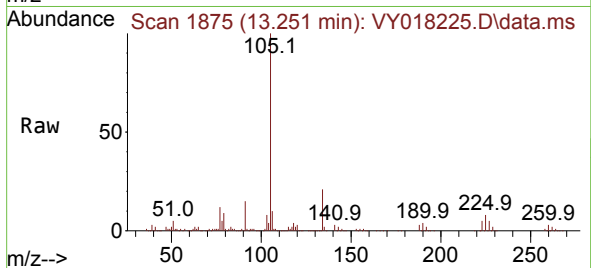
ClientSampleId :

Tgt Ion:105 Resp: 528038

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.189 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

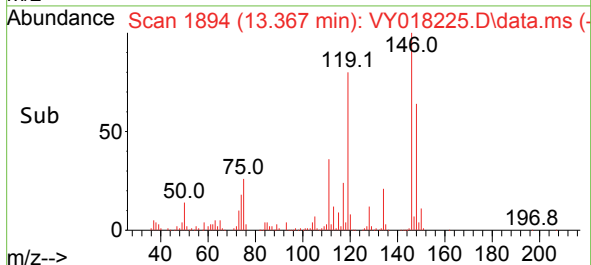
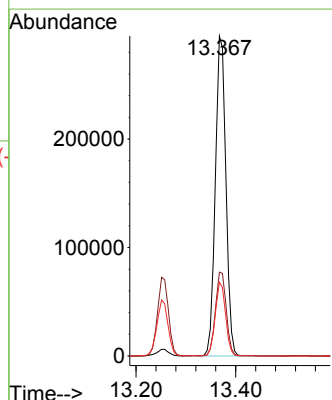
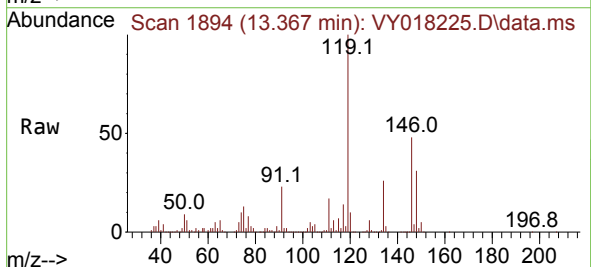
Tgt Ion:119 Resp: 433772

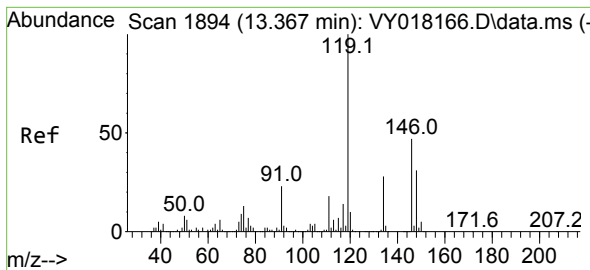
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.148 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

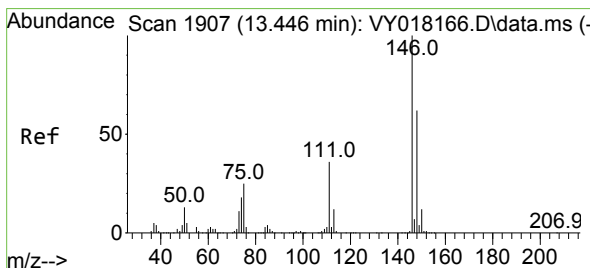
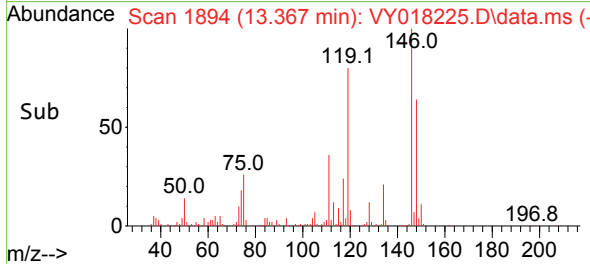
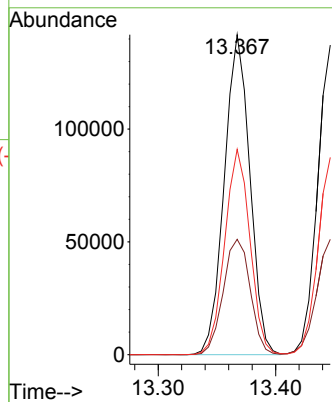
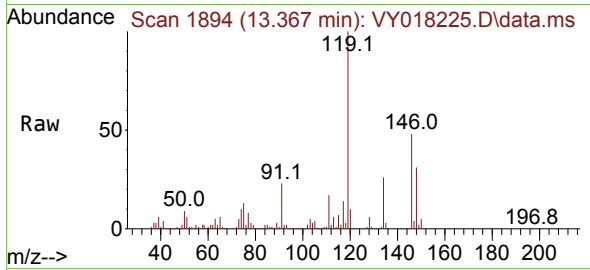
Tgt Ion:146 Resp: 214631

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.024 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

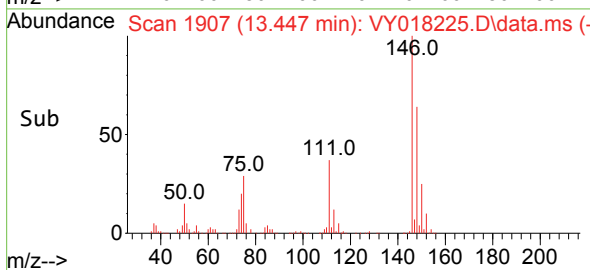
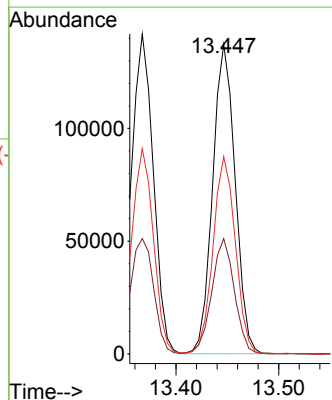
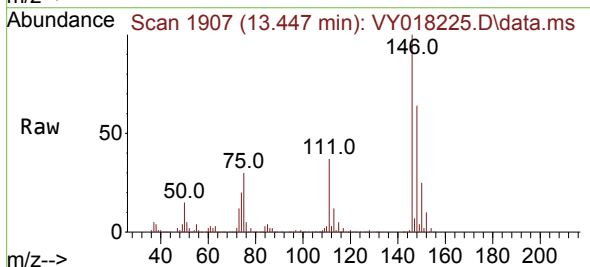
Tgt Ion:146 Resp: 208697

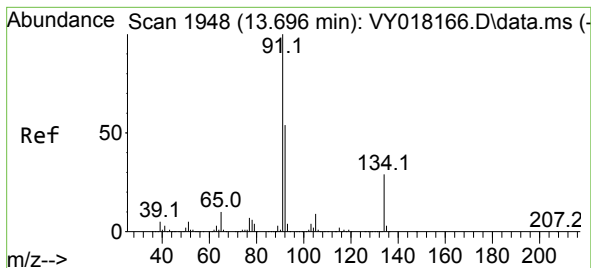
Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 50.022 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

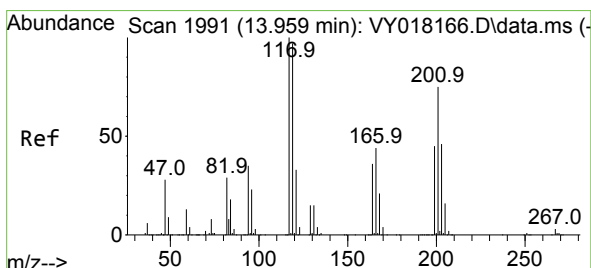
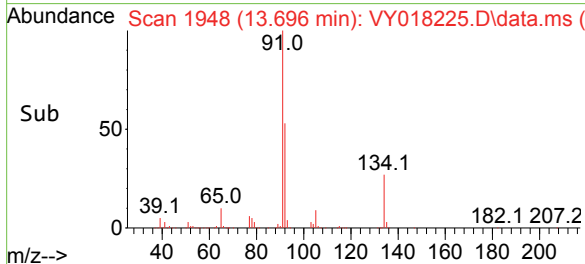
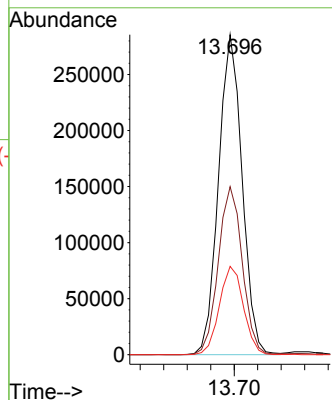
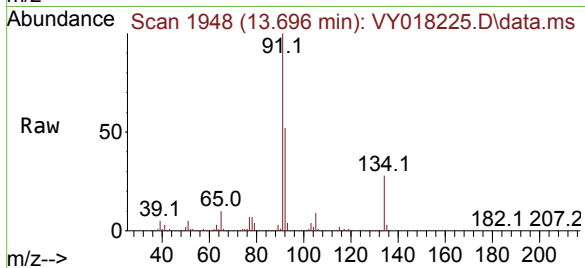
Tgt Ion: 91 Resp: 399215

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 28.1 12.9 38.7



#90

Hexachloroethane

Concen: 47.936 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018225.D

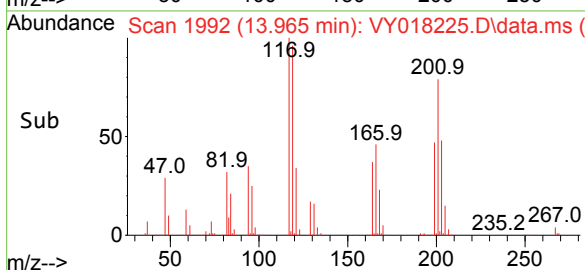
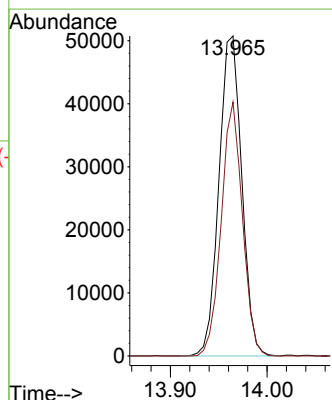
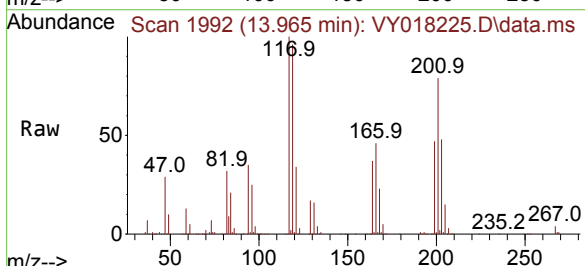
Acq: 10 May 2024 11:37

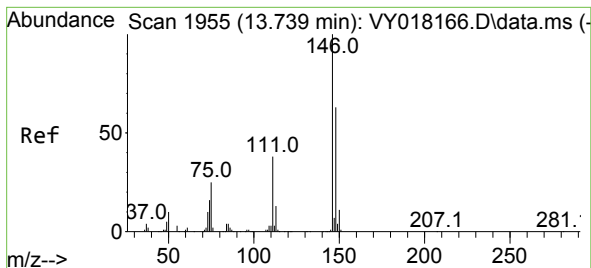
Tgt Ion: 117 Resp: 82930

Ion Ratio Lower Upper

117 100

201 73.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.817 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

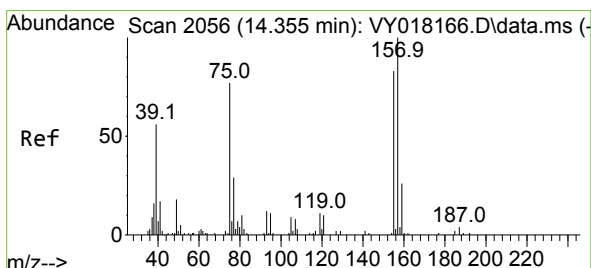
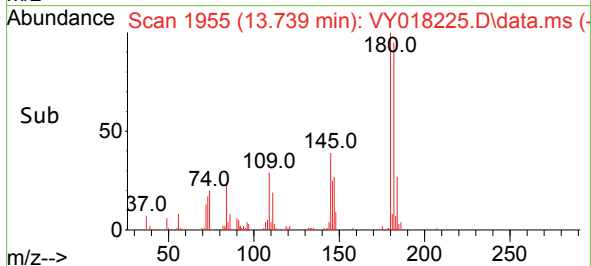
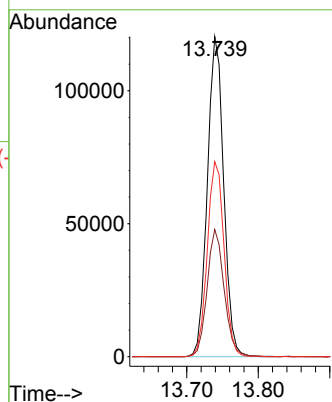
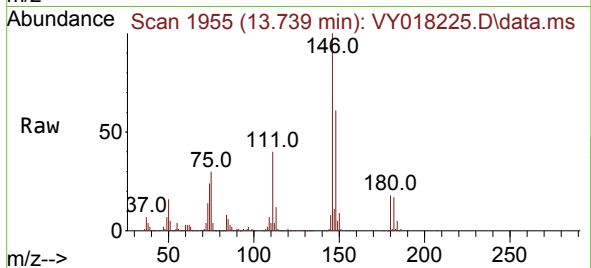
Tgt Ion:146 Resp: 190872

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.7

148 62.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.445 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

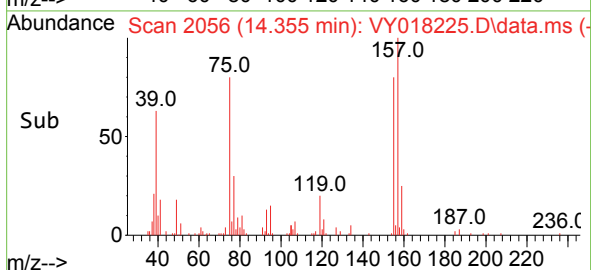
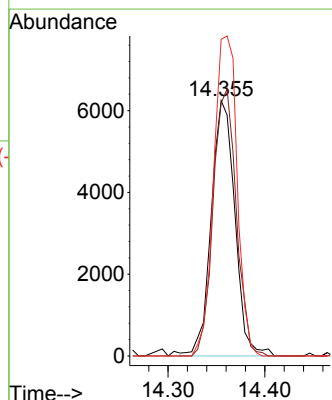
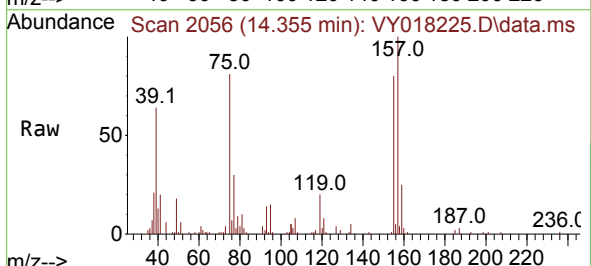
Tgt Ion: 75 Resp: 10573

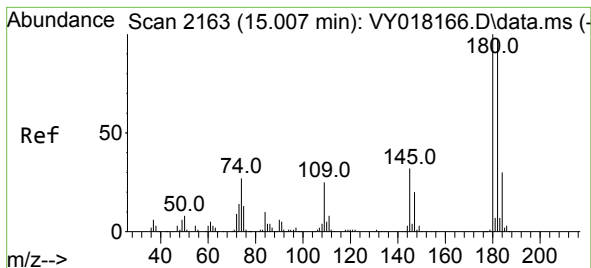
Ion Ratio Lower Upper

75 100

155 102.2 48.6 145.8

157 124.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.402 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

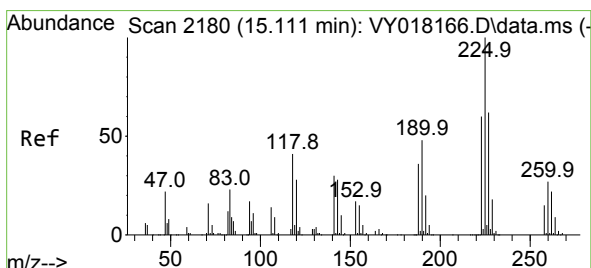
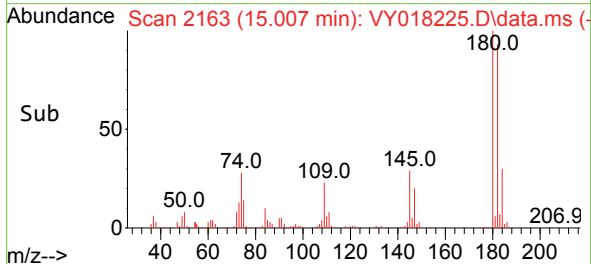
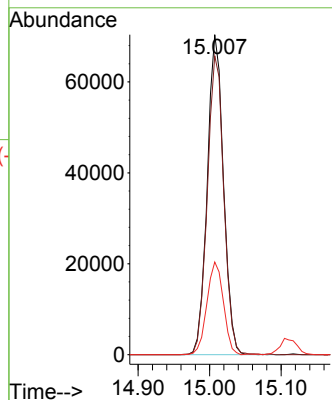
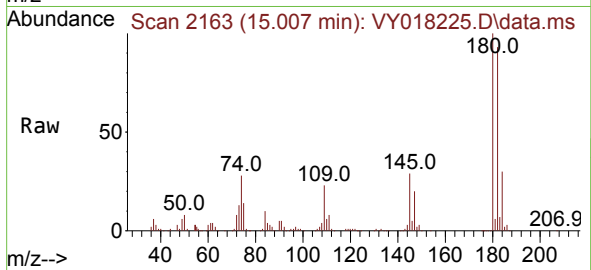
Tgt Ion:180 Resp: 110720

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.601 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

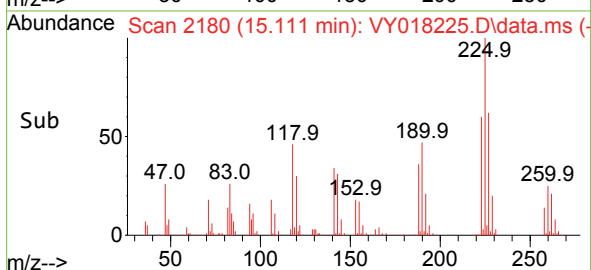
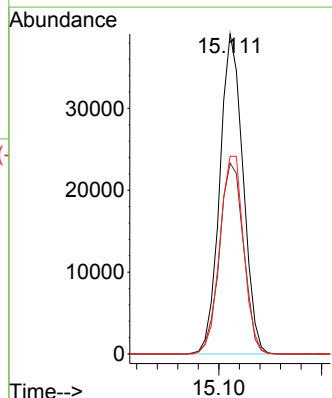
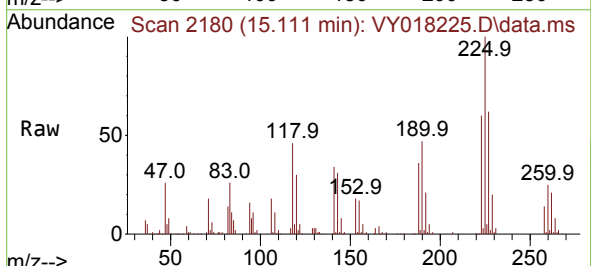
Tgt Ion:225 Resp: 61325

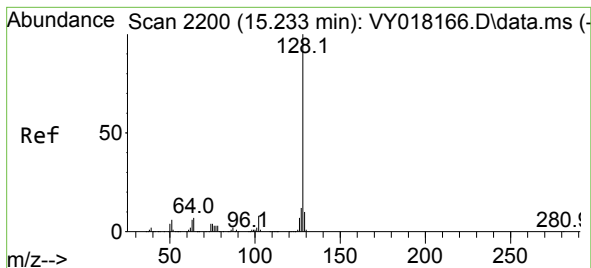
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 51.800 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

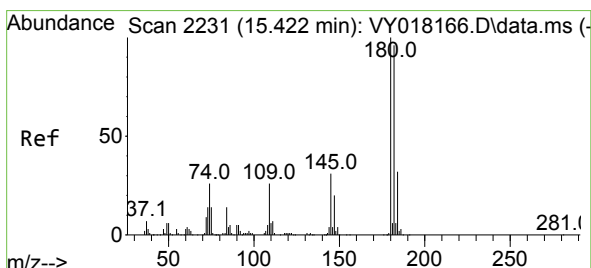
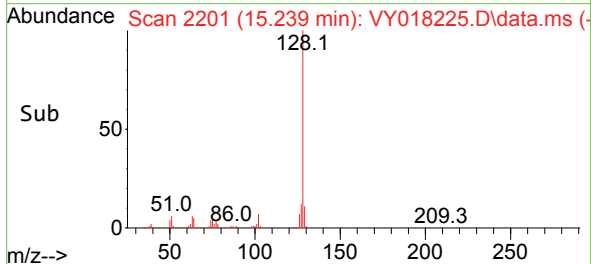
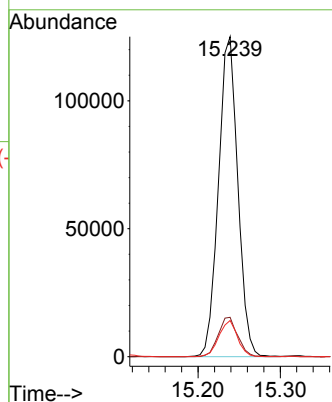
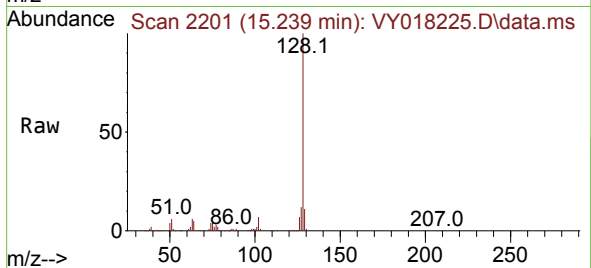
Tgt Ion:128 Resp: 204453

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.692 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018225.D

Acq: 10 May 2024 11:37

Tgt Ion:180 Resp: 93143

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 32.8 15.4 46.1

