

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018320.D
 Acq On : 17 May 2024 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 18 00:56:07 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	148995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78464	71.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.160%	
35) Dibromofluoromethane	7.710	113	83638	55.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.460%	
50) Toluene-d8	10.179	98	314101	53.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.477	95	99214	51.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	53228	45.047	ug/l	99
3) Chloromethane	2.107	50	89445	56.550	ug/l	98
4) Vinyl Chloride	2.247	62	104248	54.370	ug/l	100
5) Bromomethane	2.644	94	68006	51.071	ug/l	97
6) Chloroethane	2.784	64	69023	56.722	ug/l	99
7) Trichlorofluoromethane	3.119	101	111393	49.599	ug/l	93
8) Diethyl Ether	3.521	74	41619	56.292	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	69122	48.292	ug/l	95
10) Methyl Iodide	4.082	142	84566	50.595	ug/l	99
11) Tert butyl alcohol	4.942	59	34121	359.355	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	69279	48.080	ug/l	97
13) Acrolein	3.716	56	34271	321.246	ug/l	100
14) Allyl chloride	4.466	41	104516	57.017	ug/l	97
15) Acrylonitrile	5.149	53	95088	334.439	ug/l	99
16) Acetone	3.936	43	61094	279.300	ug/l	94
17) Carbon Disulfide	4.186	76	193127	49.233	ug/l	99
18) Methyl Acetate	4.466	43	44214	70.958	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	195509	60.911	ug/l	98
20) Methylene Chloride	4.704	84	85597	55.363	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	79896	52.309	ug/l	98
22) Diisopropyl ether	6.106	45	240113	61.749	ug/l	94
23) Vinyl Acetate	6.051	43	744846	315.154	ug/l	96
24) 1,1-Dichloroethane	6.009	63	140427	58.633	ug/l	99
25) 2-Butanone	6.978	43	112705	322.333	ug/l	91
26) 2,2-Dichloropropane	6.972	77	106048	48.923	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	98349	54.485	ug/l	99
28) Bromochloromethane	7.326	49	60138	62.823	ug/l	90
29) Tetrahydrofuran	7.338	42	78243	339.003	ug/l	91
30) Chloroform	7.496	83	144565	57.819	ug/l	98
31) Cyclohexane	7.783	56	114642	53.933	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	118337	52.805	ug/l	97
36) 1,1-Dichloropropene	7.911	75	100354	46.641	ug/l	98
37) Ethyl Acetate	7.070	43	53891	59.509	ug/l	97
38) Carbon Tetrachloride	7.893	117	99117	42.159	ug/l	97
39) Methylcyclohexane	9.179	83	133339	42.956	ug/l	95
40) Benzene	8.155	78	333917	48.247	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018320.D
 Acq On : 17 May 2024 19:56
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 18 00:56:07 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)
41) Methacrylonitrile	7.301	41	33748	64.534	ug/l #	86
42) 1,2-Dichloroethane	8.234	62	80182	53.246	ug/l	100
43) Isopropyl Acetate	8.271	43	103292	55.645	ug/l	94
44) Trichloroethene	8.935	130	80553	42.755	ug/l	98
45) 1,2-Dichloropropane	9.216	63	76793	50.752	ug/l	98
46) Dibromomethane	9.301	93	43623	50.150	ug/l	95
47) Bromodichloromethane	9.496	83	105327	48.979	ug/l	98
48) Methyl methacrylate	9.289	41	45460	53.435	ug/l	93
49) 1,4-Dioxane	9.289	88	11174	967.758	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	259229	277.855	ug/l	93
52) Toluene	10.240	92	198467	44.543	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	93887	46.742	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	118792	48.382	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	58833	49.235	ug/l	97
56) Ethyl methacrylate	10.508	69	80875	49.834	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	97276	50.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	207098	267.244	ug/l	98
59) 2-Hexanone	10.831	43	169627	260.030	ug/l	93
60) Dibromochloromethane	10.983	129	70824	45.683	ug/l	98
61) 1,2-Dibromoethane	11.087	107	54563	48.478	ug/l	98
64) Tetrachloroethene	10.721	164	74193	45.313	ug/l	97
65) Chlorobenzene	11.514	112	222784	44.480	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	74071	45.720	ug/l	98
67) Ethyl Benzene	11.593	91	376387	44.507	ug/l	97
68) m/p-Xylenes	11.703	106	292197	87.373	ug/l	99
69) o-Xylene	12.026	106	142294	44.337	ug/l	98
70) Styrene	12.044	104	239423	44.672	ug/l	99
71) Bromoform	12.209	173	39422	43.978	ug/l #	97
73) Isopropylbenzene	12.331	105	360493	42.830	ug/l	100
74) N-amyl acetate	12.142	43	85602	48.993	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	63390	47.212	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	78202	87.030	ug/l #	100
77) Bromobenzene	12.605	156	83124	42.989	ug/l	99
78) n-propylbenzene	12.672	91	416220	42.515	ug/l	98
79) 2-Chlorotoluene	12.758	91	229867	42.253	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	282804	42.611	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19261	41.298	ug/l	97
82) 4-Chlorotoluene	12.855	91	235431	43.083	ug/l	98
83) tert-Butylbenzene	13.075	119	263859	43.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	280667	43.171	ug/l	99
85) sec-Butylbenzene	13.251	105	375706	41.840	ug/l	99
86) p-Isopropyltoluene	13.367	119	309465	41.893	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	159480	42.708	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	155085	42.602	ug/l	99
89) n-Butylbenzene	13.696	91	277396	41.493	ug/l	99
90) Hexachloroethane	13.959	117	59247	40.882	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	140283	43.707	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8618	47.139	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	76139	42.197	ug/l	97
94) Hexachlorobutadiene	15.111	225	40227	40.407	ug/l	99
95) Naphthalene	15.233	128	156659	47.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	66410	44.848	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
Data File : VY018320.D
Acq On : 17 May 2024 19:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: May 18 00:56:07 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

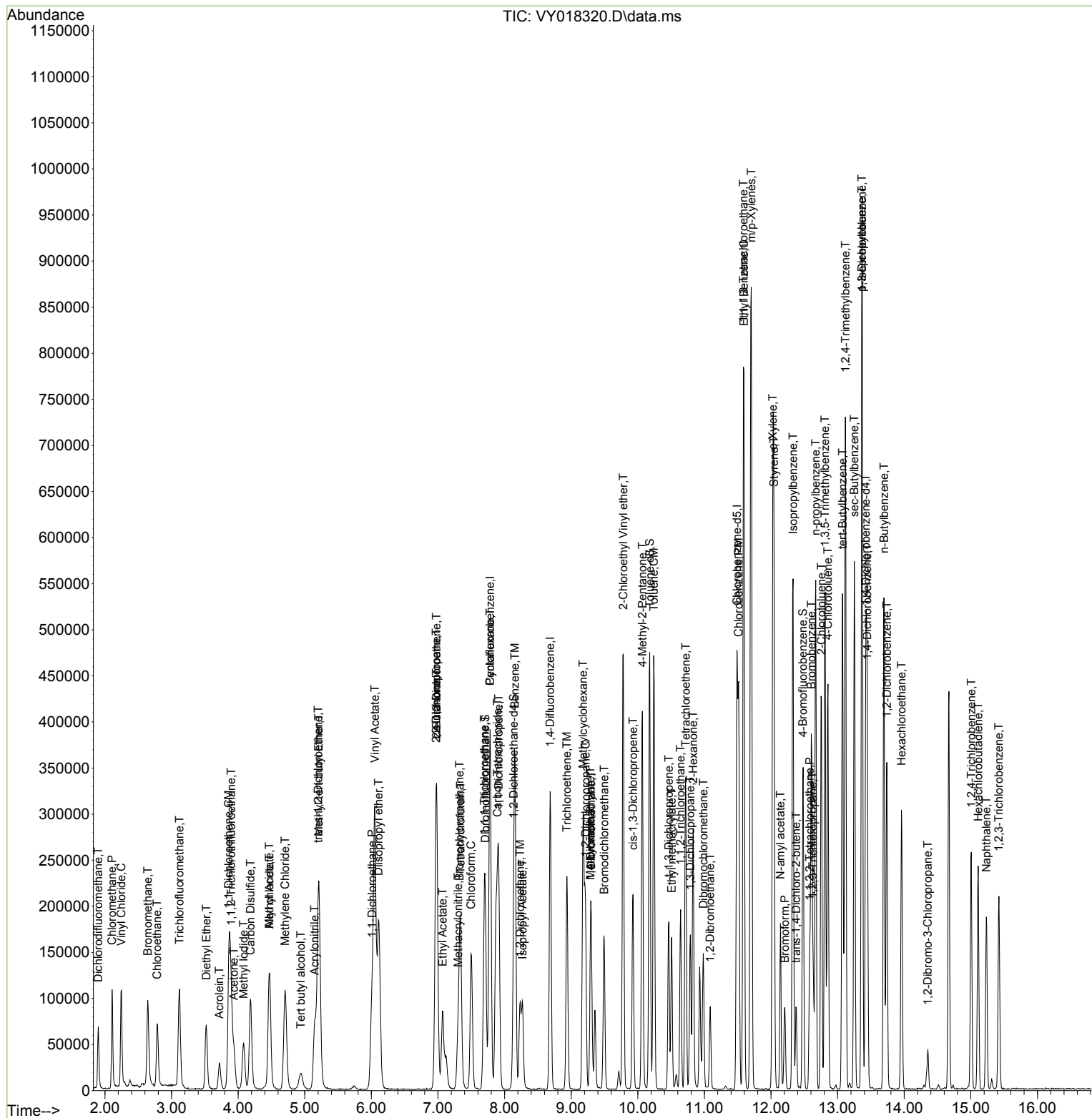
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

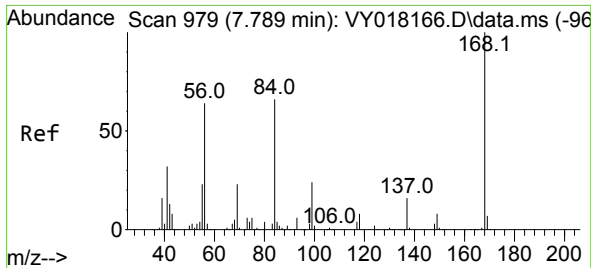
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018320.D
 Acq On : 17 May 2024 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 18 00:56:07 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

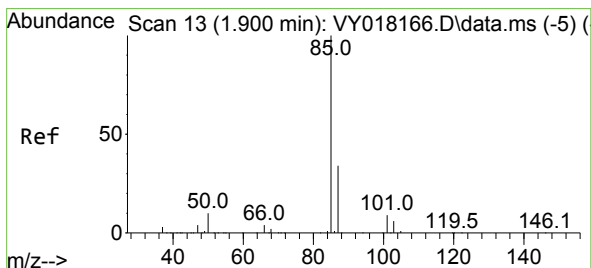
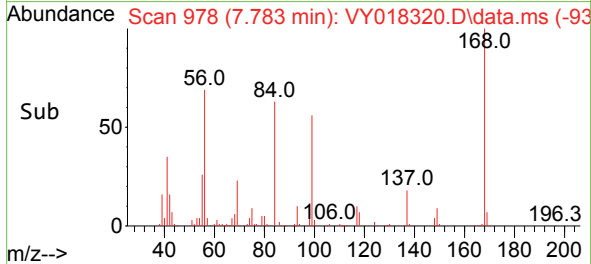
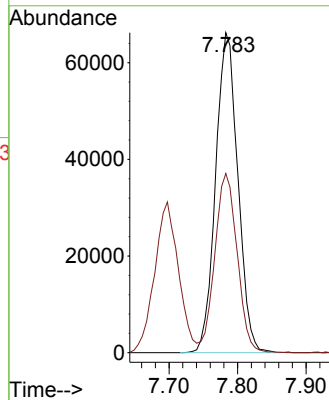
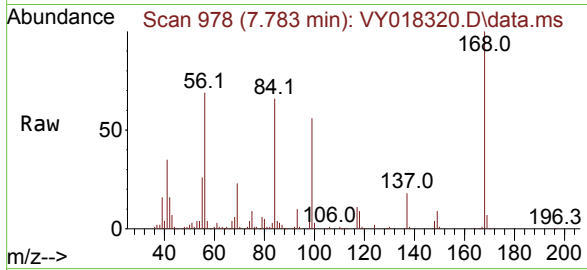




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

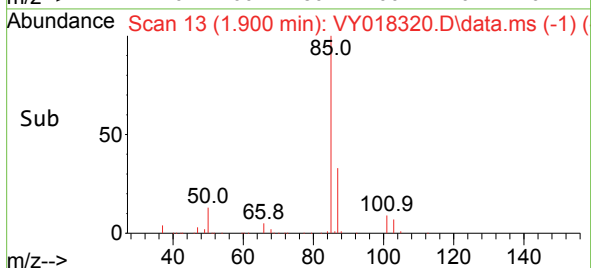
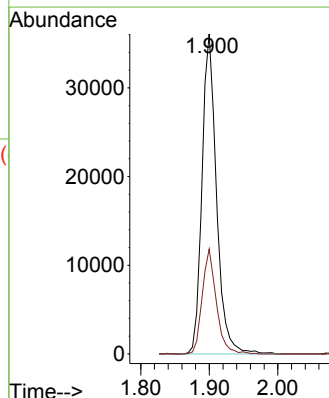
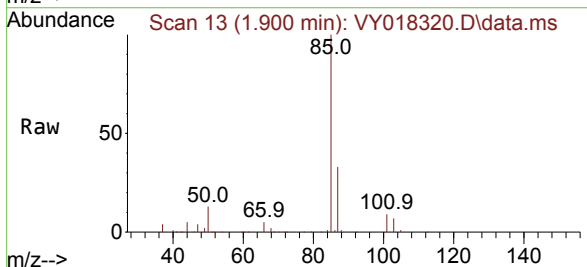
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

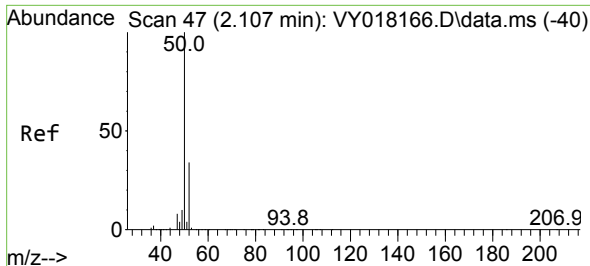
Tgt Ion:168 Resp: 148995
Ion Ratio Lower Upper
168 100
99 55.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.047 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 85 Resp: 53228
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

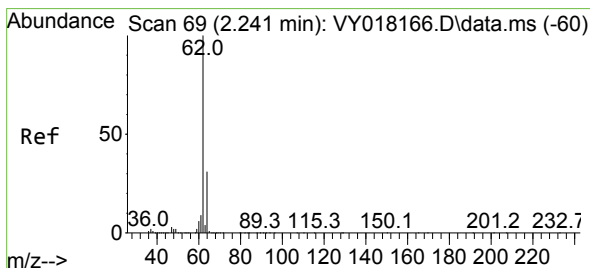
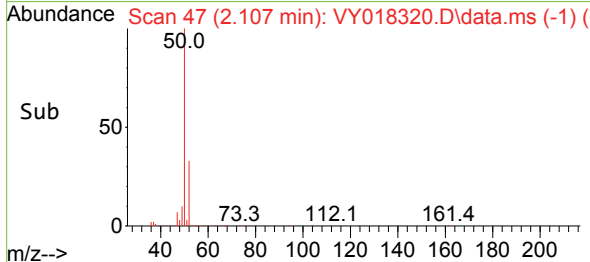
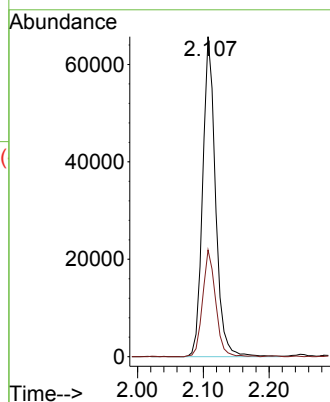
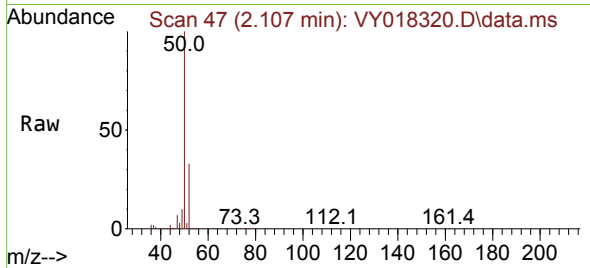




#3
Chloromethane
Concen: 56.550 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

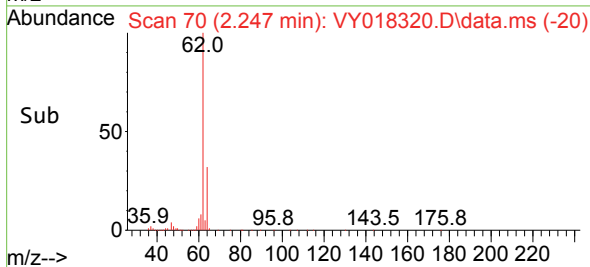
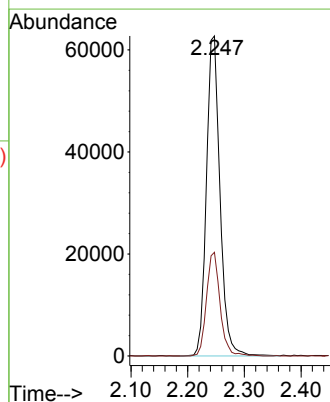
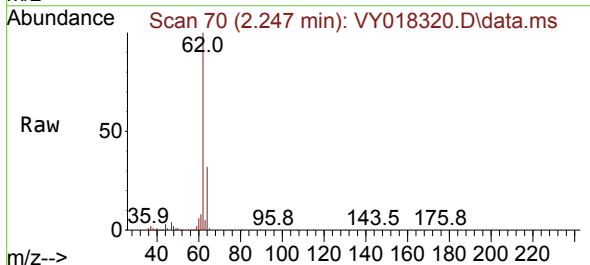
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

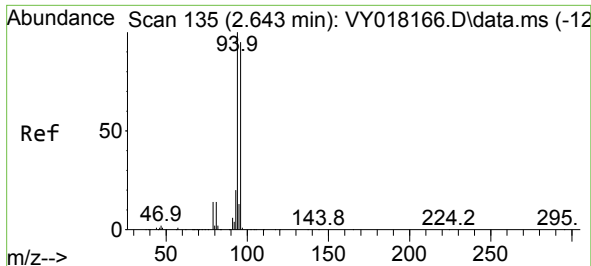
Tgt Ion: 50 Resp: 89445
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 54.370 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 62 Resp: 104248
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

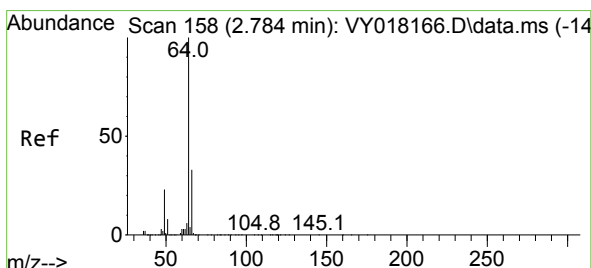
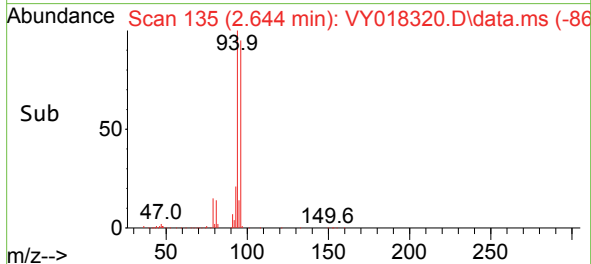
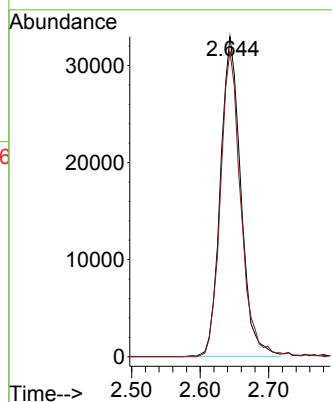
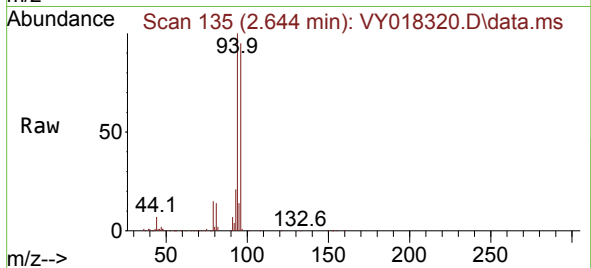




#5
Bromomethane
Concen: 51.071 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

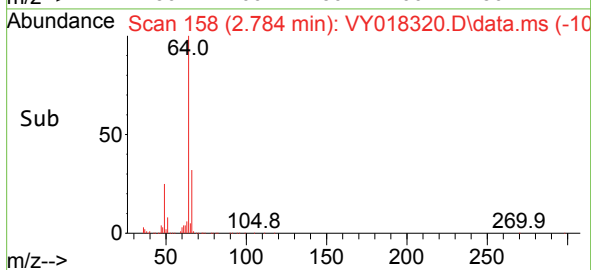
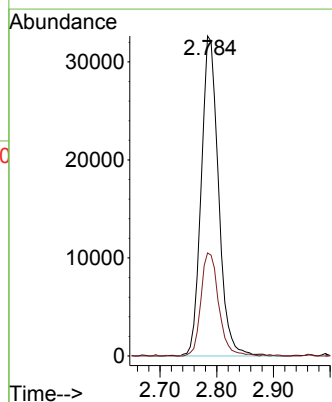
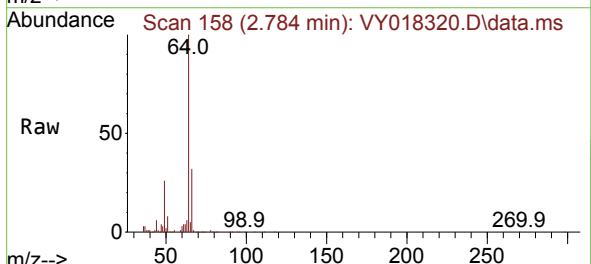
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

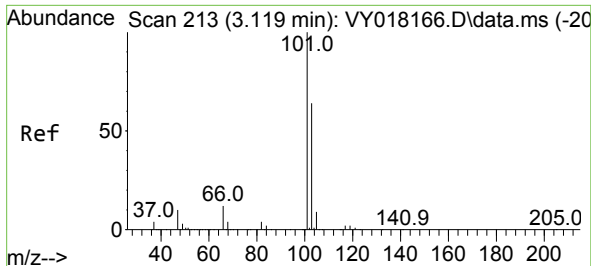
Tgt Ion: 94 Resp: 68006
Ion Ratio Lower Upper
94 100
96 95.4 74.1 111.1



#6
Chloroethane
Concen: 56.722 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 64 Resp: 69023
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

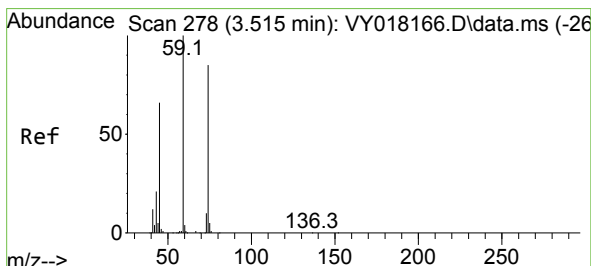
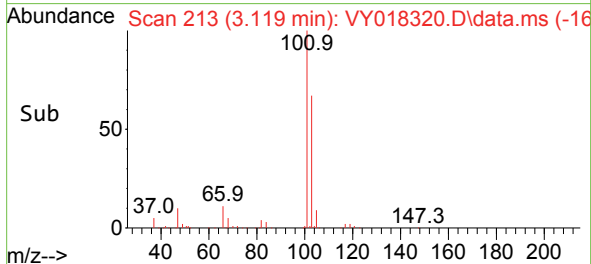
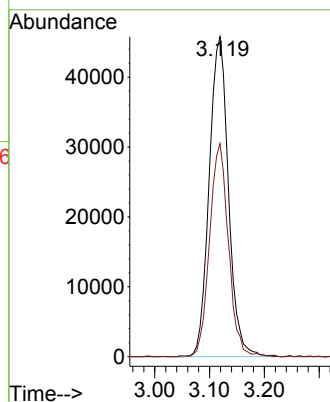
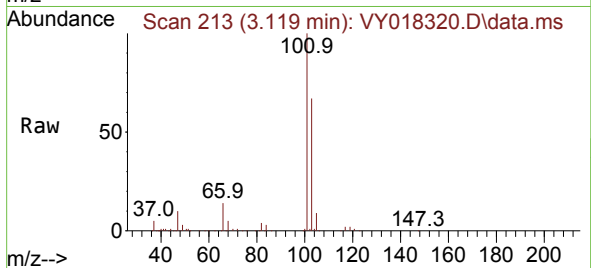




#7
 Trichlorofluoromethane
 Concen: 49.599 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

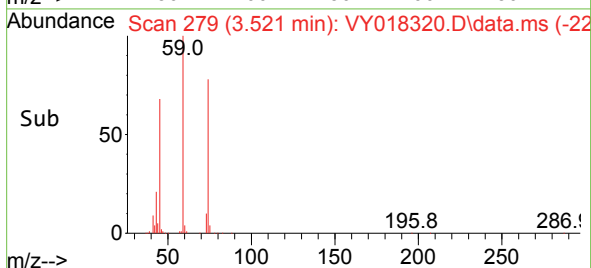
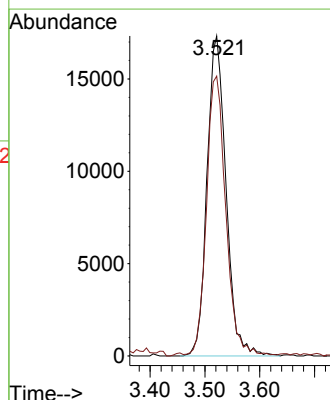
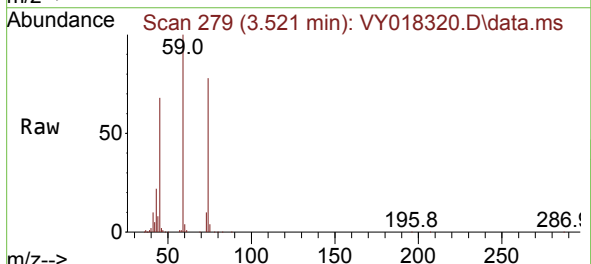
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

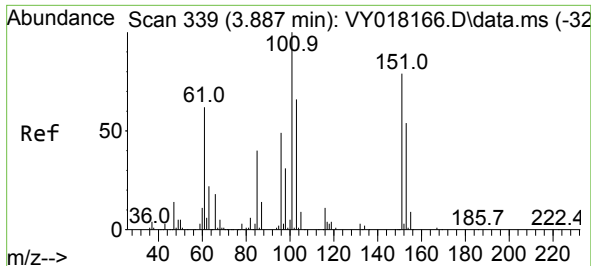
Tgt Ion:101 Resp: 111393
 Ion Ratio Lower Upper
 101 100
 103 66.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 56.292 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

Tgt Ion: 74 Resp: 41619
 Ion Ratio Lower Upper
 74 100
 45 88.0 41.3 124.1

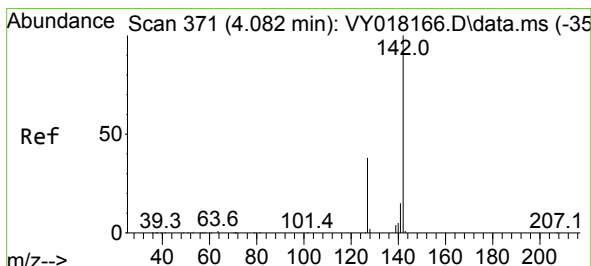
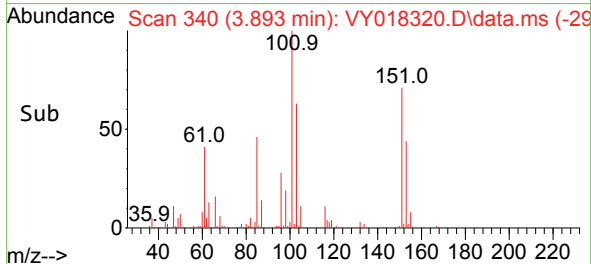
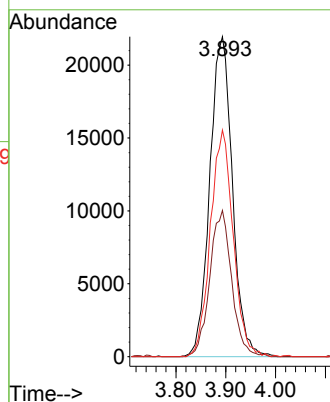
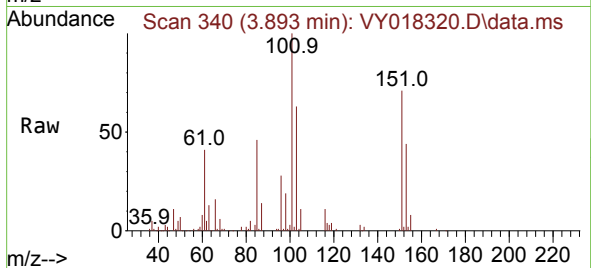




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.292 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

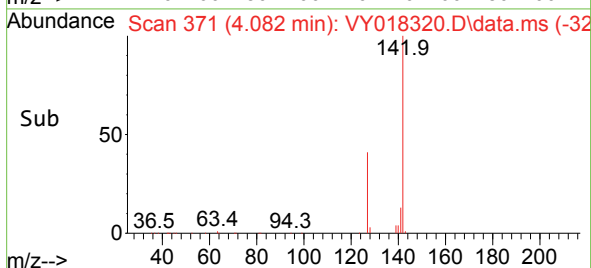
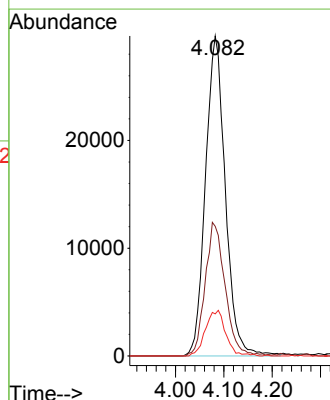
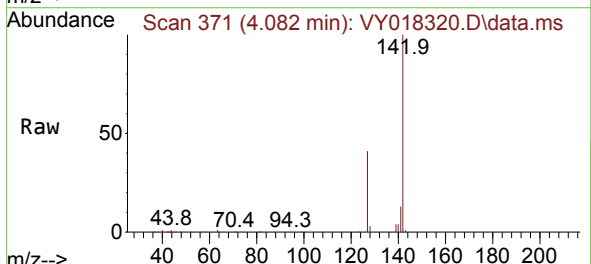
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

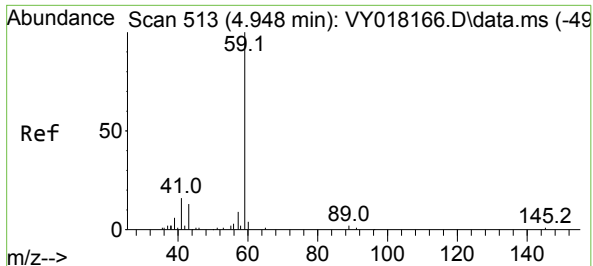
Tgt Ion:101 Resp: 69122
Ion Ratio Lower Upper
101 100
85 44.3 34.5 51.7
151 71.2 61.7 92.5



#10
Methyl Iodide
Concen: 50.595 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion:142 Resp: 84566
Ion Ratio Lower Upper
142 100
127 42.0 32.8 49.2
141 14.6 11.4 17.2

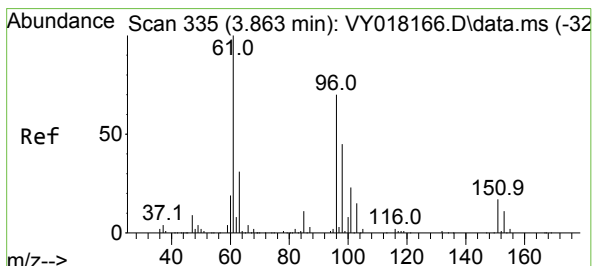
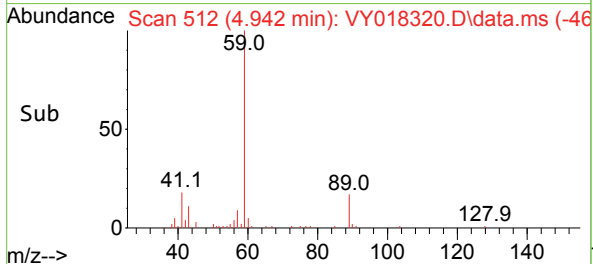
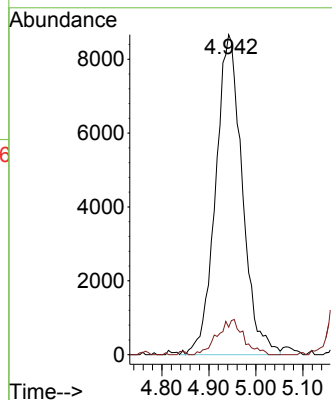
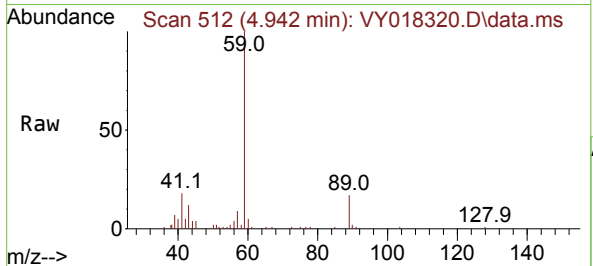




#11
Tert butyl alcohol
Concen: 359.355 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

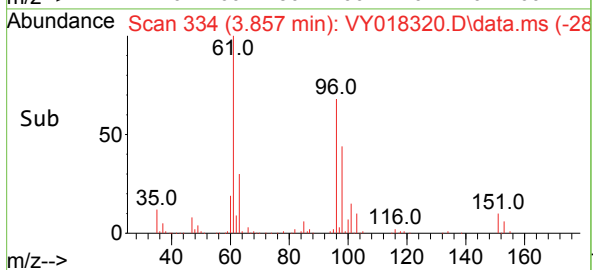
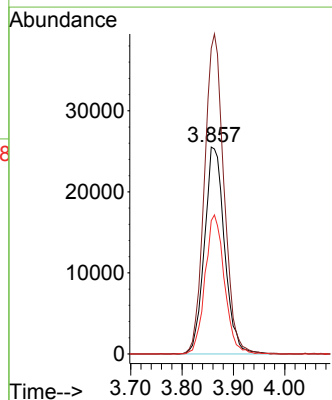
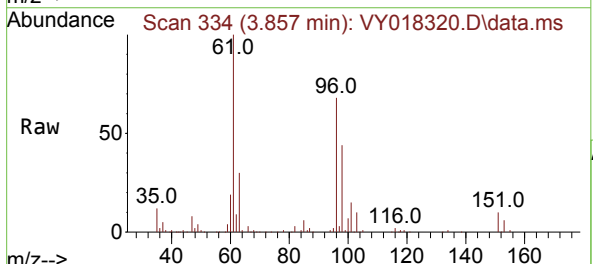
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

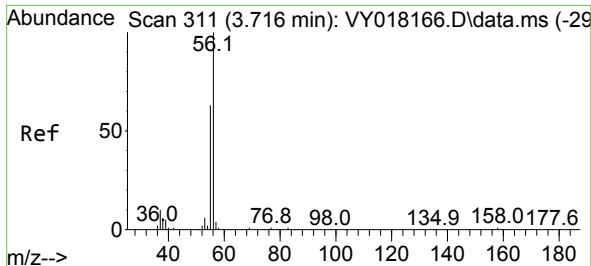
Tgt Ion: 59 Resp: 34121
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.080 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 96 Resp: 69279
Ion Ratio Lower Upper
96 100
61 147.7 114.6 171.8
98 64.4 50.8 76.2

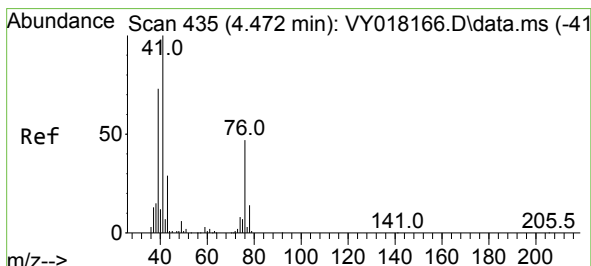
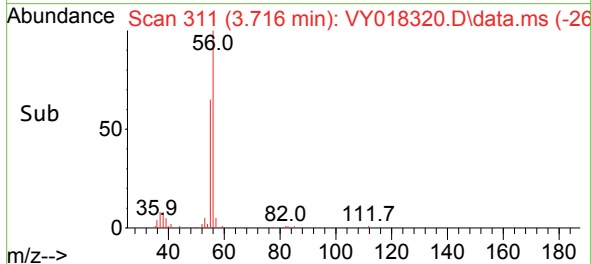
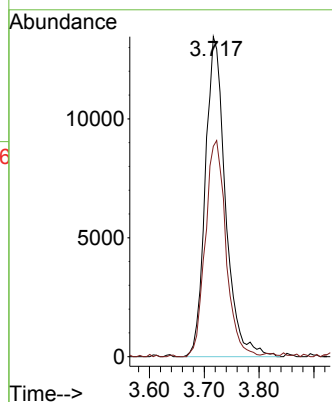
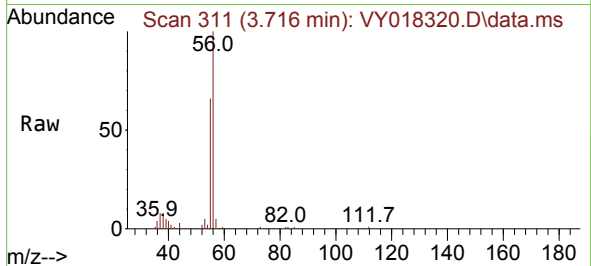




#13
Acrolein
Concen: 321.246 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

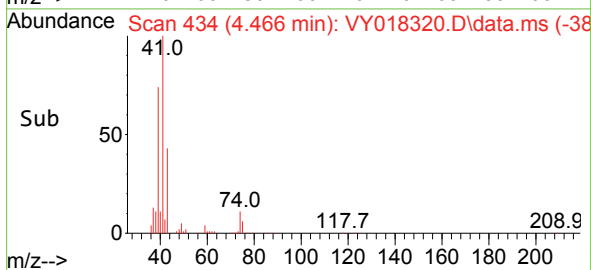
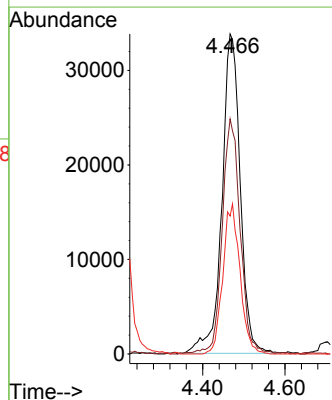
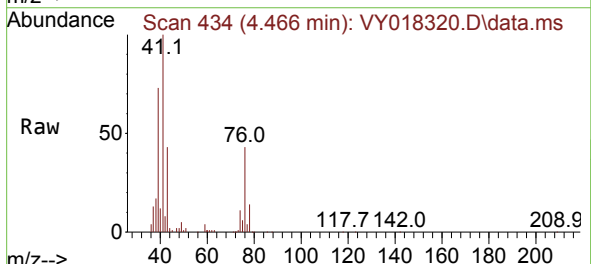
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

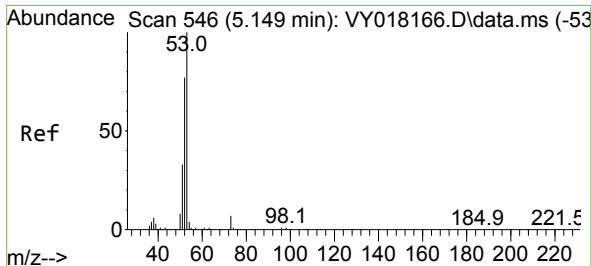
Tgt Ion: 56 Resp: 34271
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5



#14
Allyl chloride
Concen: 57.017 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 41 Resp: 104516
Ion Ratio Lower Upper
41 100
39 72.4 58.3 87.5
76 43.9 39.0 58.6

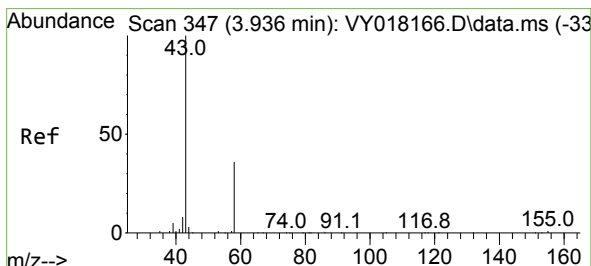
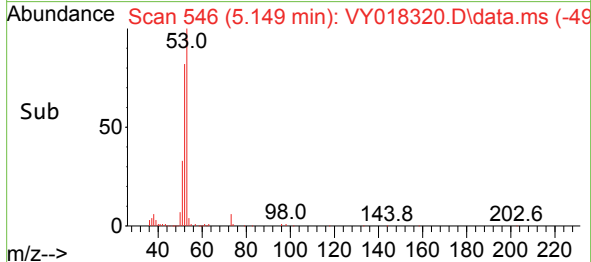
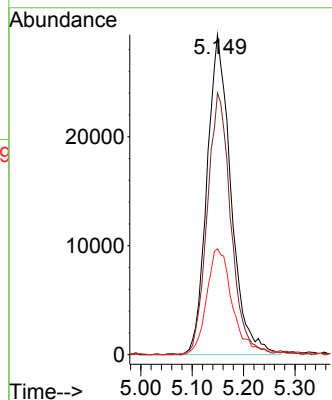
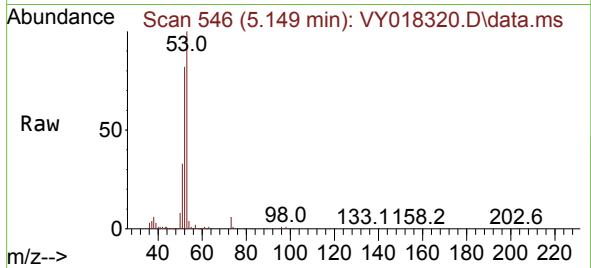




#15
Acrylonitrile
Concen: 334.439 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

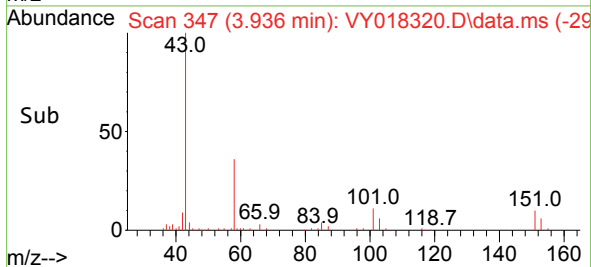
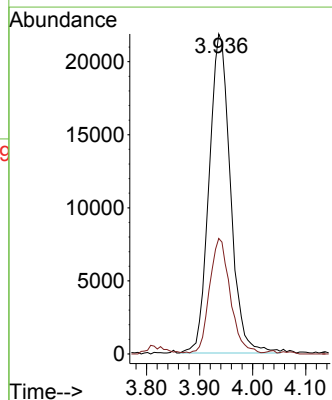
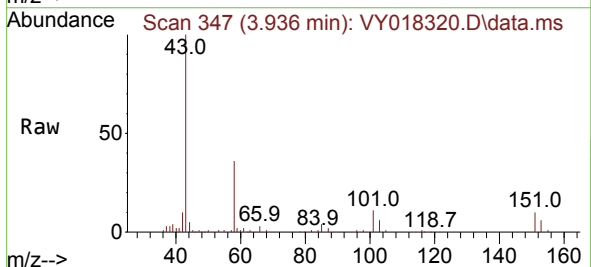
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

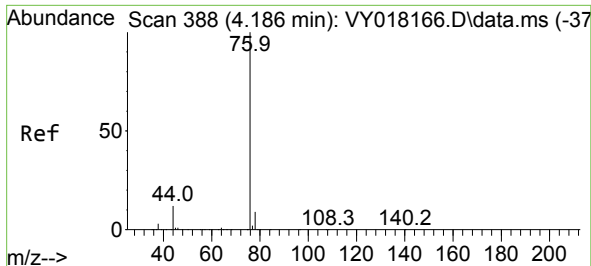
Tgt Ion: 53 Resp: 95088
Ion Ratio Lower Upper
53 100
52 80.5 64.7 97.1
51 36.3 28.4 42.6



#16
Acetone
Concen: 279.300 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 43 Resp: 61094
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

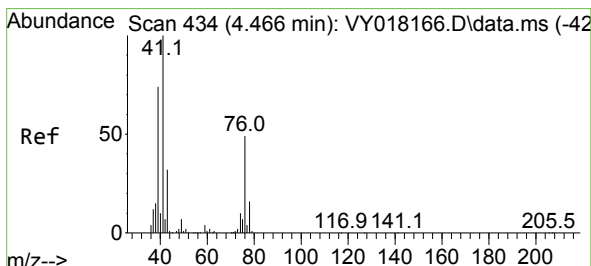
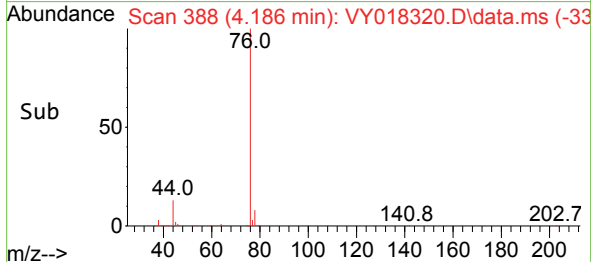
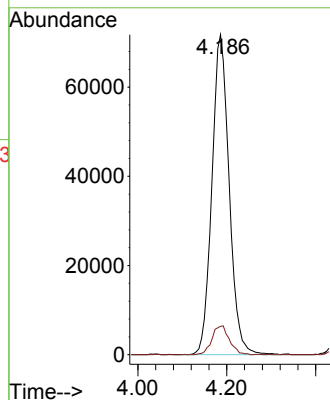
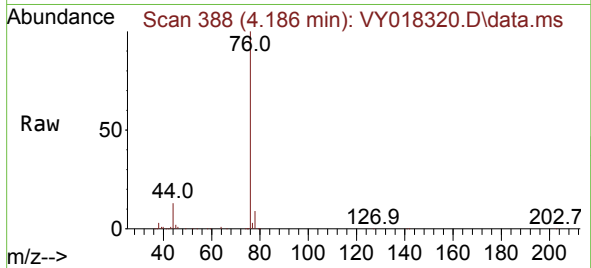




#17
Carbon Disulfide
Concen: 49.233 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

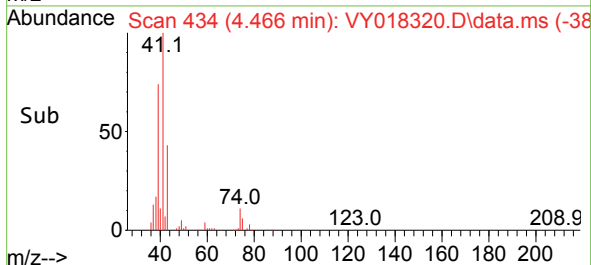
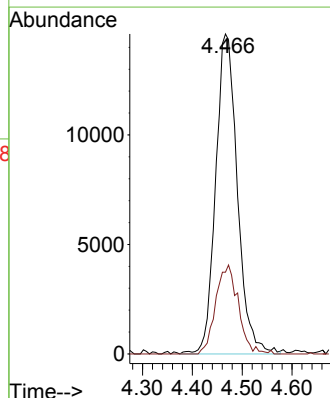
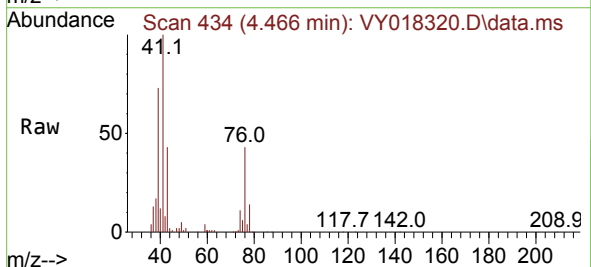
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

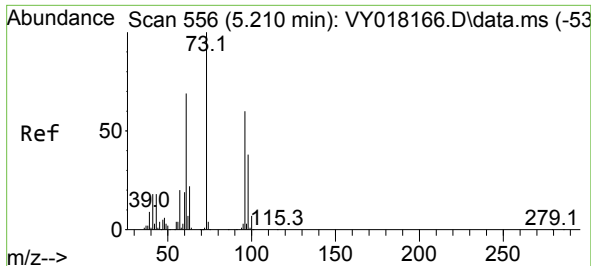
Tgt Ion: 76 Resp: 193127
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 70.958 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 43 Resp: 44214
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9

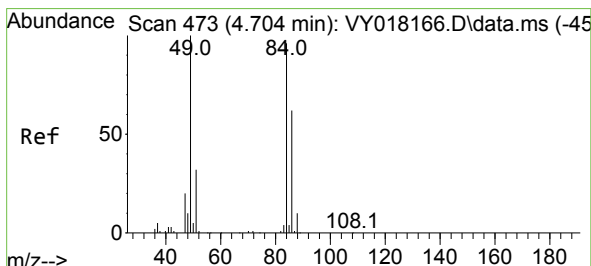
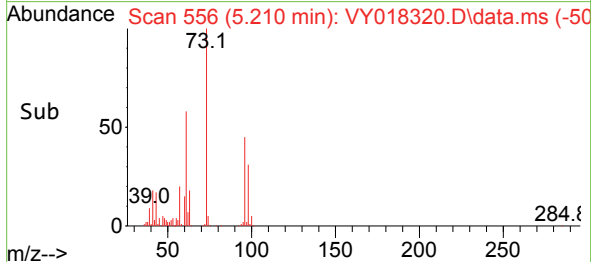
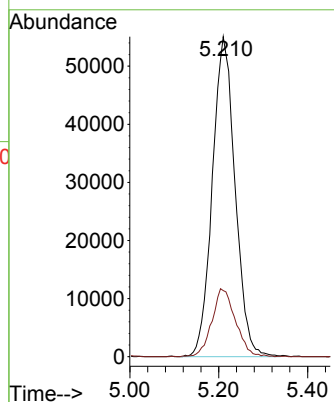
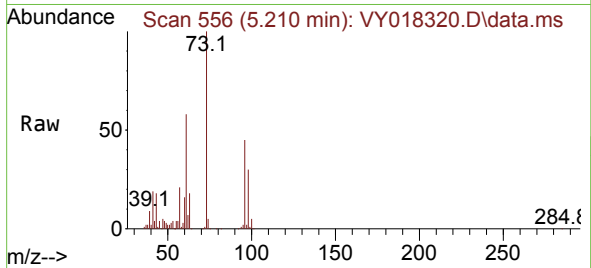




#19
Methyl tert-butyl Ether
Concen: 60.911 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

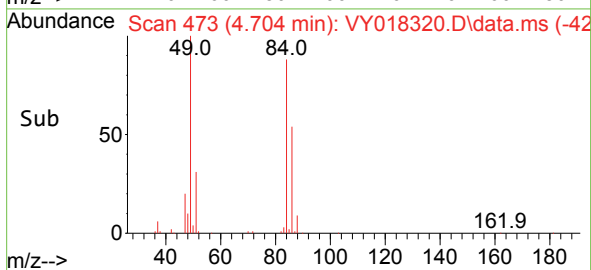
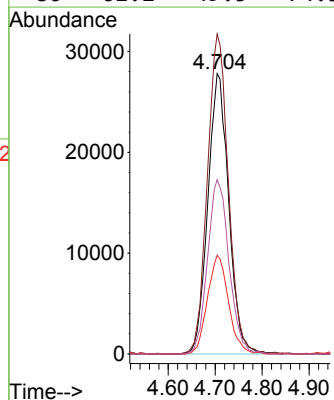
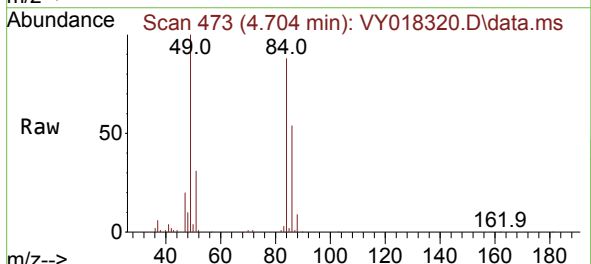
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

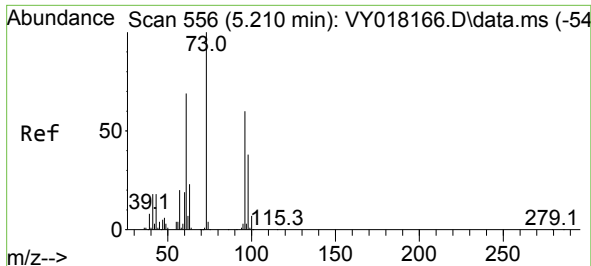
Tgt Ion: 73 Resp: 195509
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 55.363 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

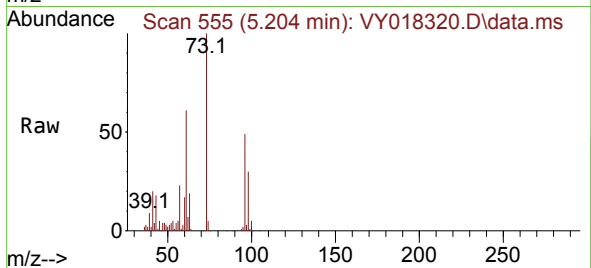
Tgt Ion: 84 Resp: 85597
Ion Ratio Lower Upper
84 100
49 114.2 84.4 126.6
51 35.2 26.0 39.0
86 62.2 49.5 74.3



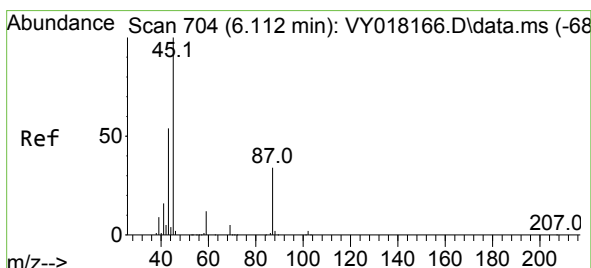
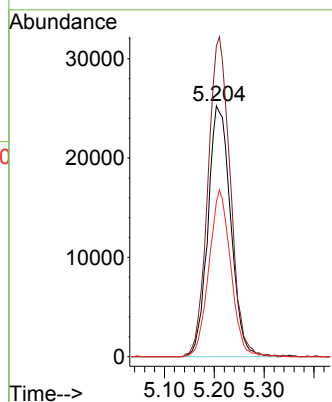
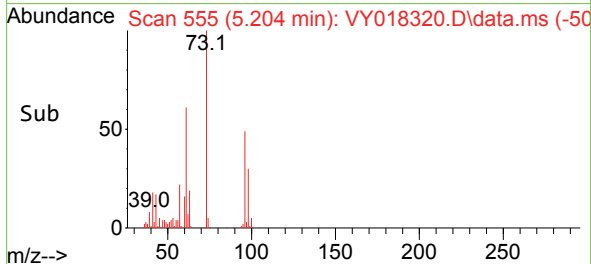


#21
trans-1,2-Dichloroethene
Concen: 52.309 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

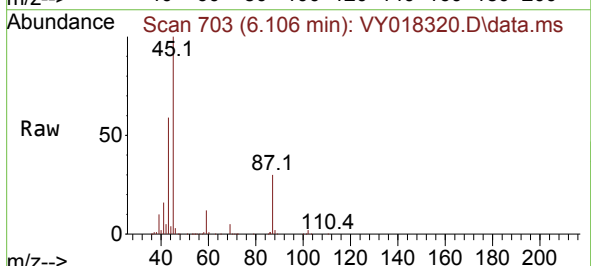
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



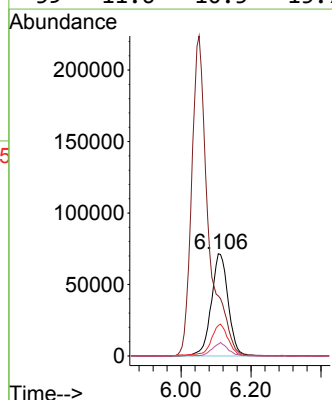
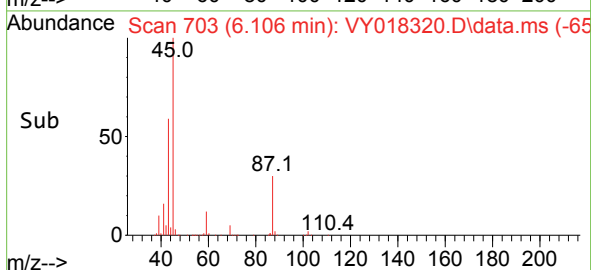
Tgt Ion: 96 Resp: 79896
Ion Ratio Lower Upper
96 100
61 123.7 97.5 146.3
98 61.6 50.5 75.7

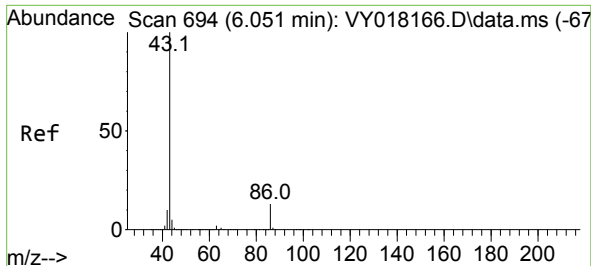


#22
Diisopropyl ether
Concen: 61.749 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56



Tgt Ion: 45 Resp: 240113
Ion Ratio Lower Upper
45 100
43 58.5 42.2 63.2
87 29.6 25.0 37.6
59 11.6 10.5 15.7

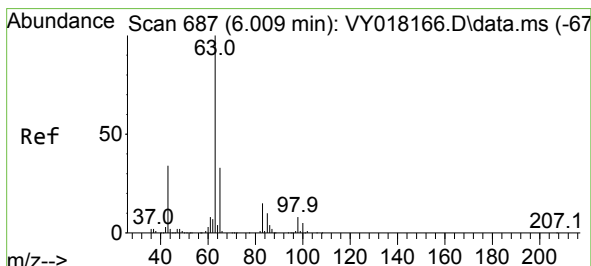
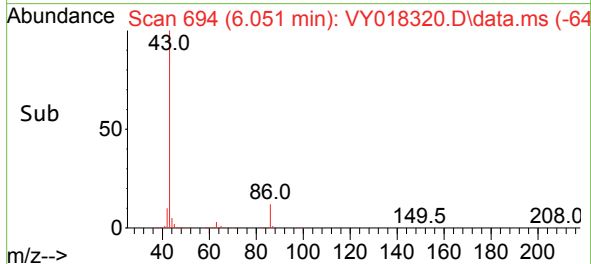
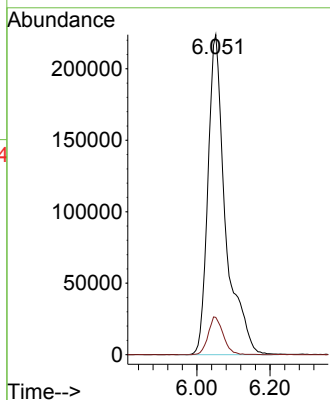
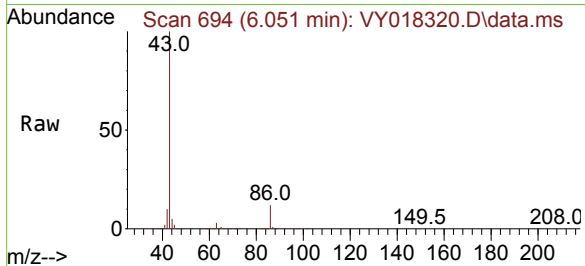




#23
 Vinyl Acetate
 Concen: 315.154 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

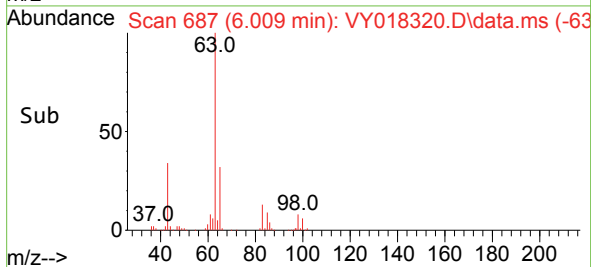
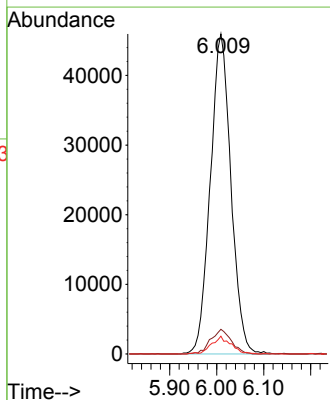
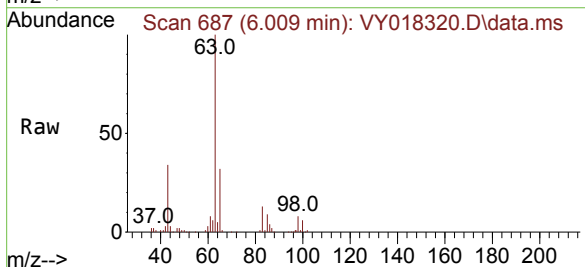
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

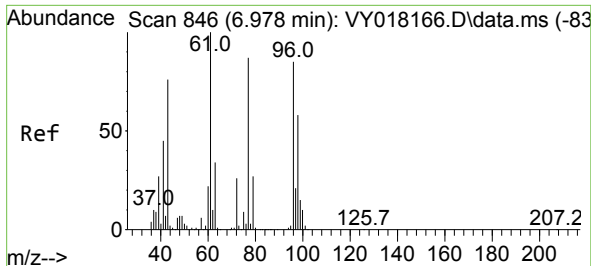
Tgt Ion: 43 Resp: 744846
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 58.633 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

Tgt Ion: 63 Resp: 140427
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.6 2.6 8.0

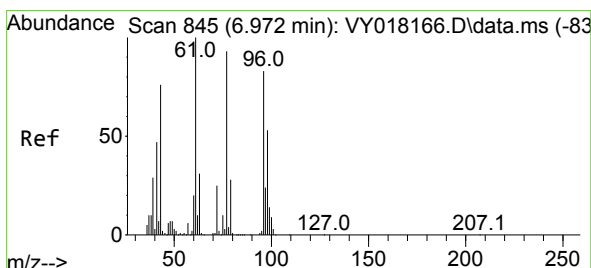
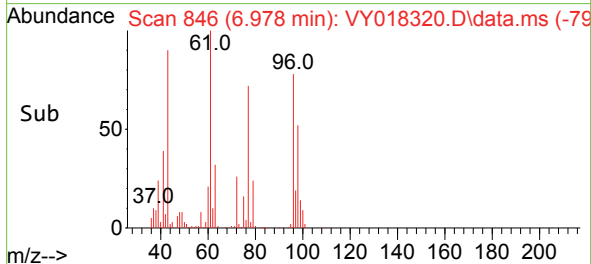
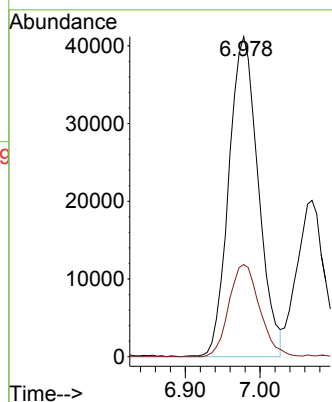
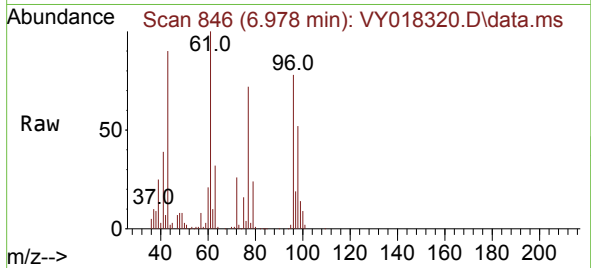




#25
2-Butanone
Concen: 322.333 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

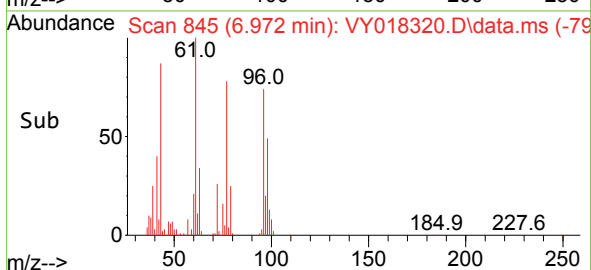
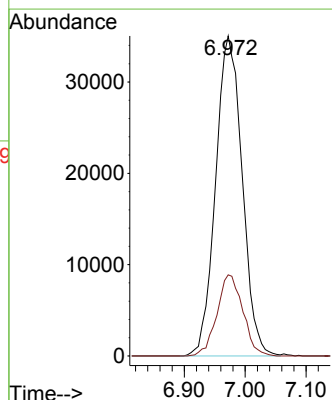
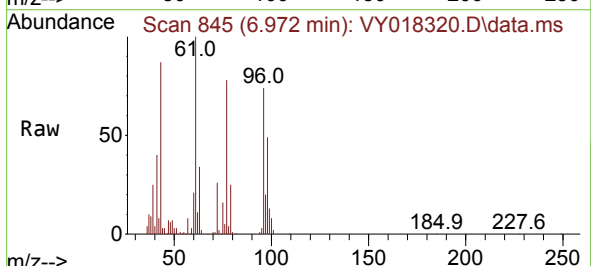
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

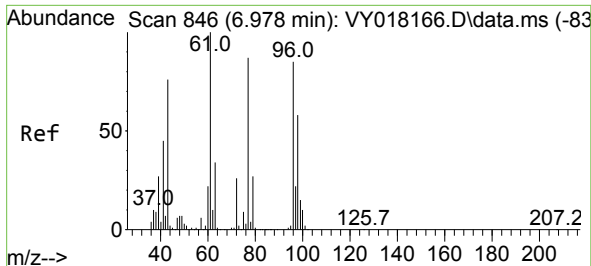
Tgt Ion: 43 Resp: 112705
Ion Ratio Lower Upper
43 100
72 28.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 48.923 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 77 Resp: 106048
Ion Ratio Lower Upper
77 100
97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.485 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

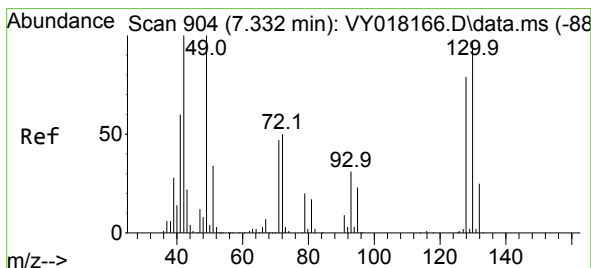
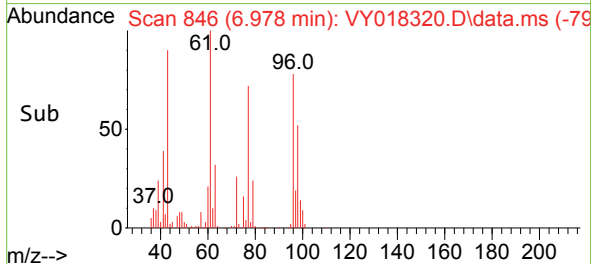
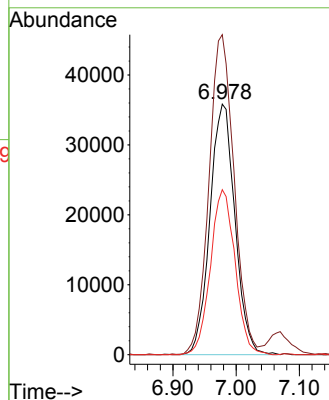
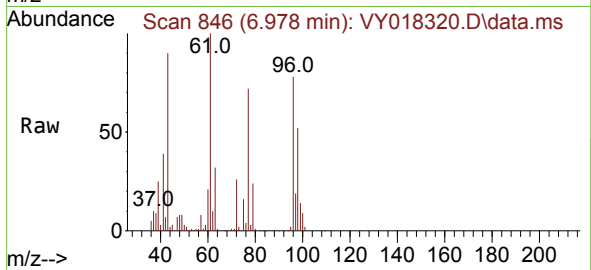
Tgt Ion: 96 Resp: 98349

Ion Ratio Lower Upper

96 100

61 129.0 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 62.823 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

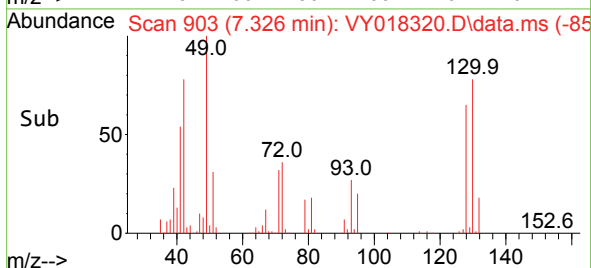
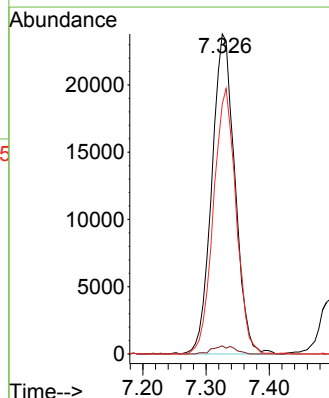
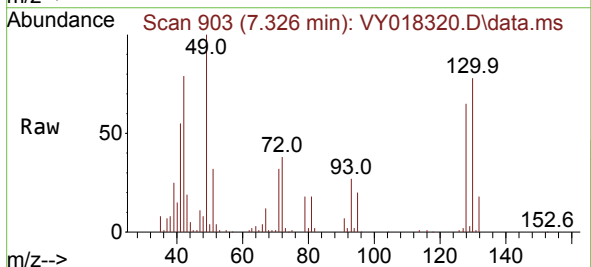
Tgt Ion: 49 Resp: 60138

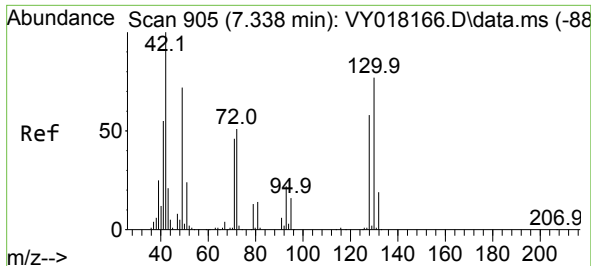
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 81.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 339.003 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

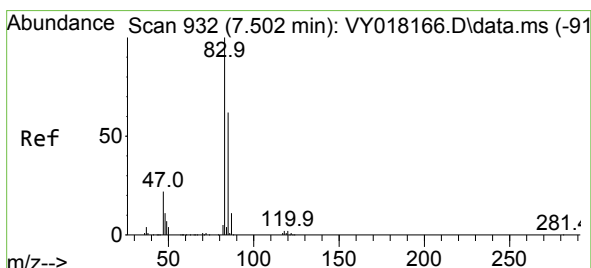
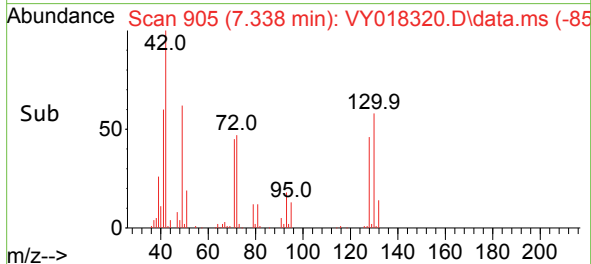
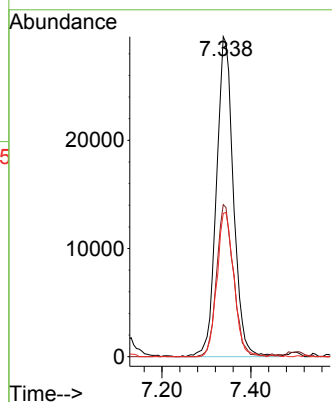
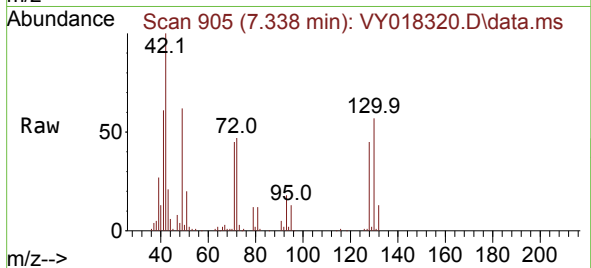
Tgt Ion: 42 Resp: 78243

Ion Ratio Lower Upper

42 100

72 47.0 43.0 64.4

71 45.0 40.8 61.2



#30

Chloroform

Concen: 57.819 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018320.D

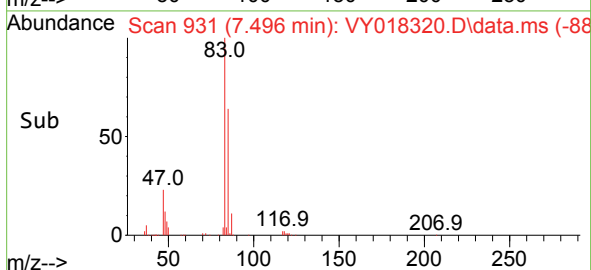
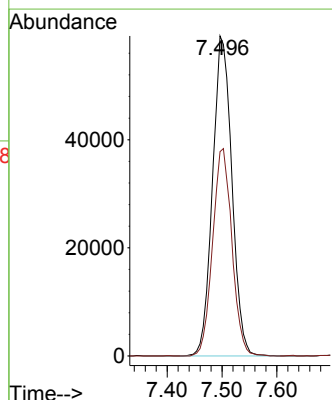
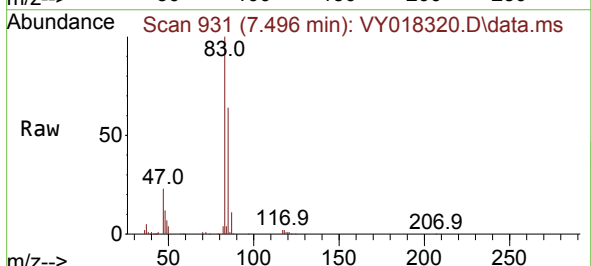
Acq: 17 May 2024 19:56

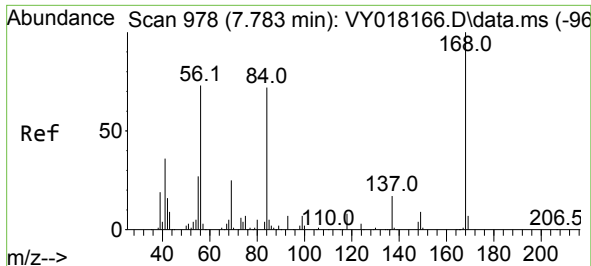
Tgt Ion: 83 Resp: 144565

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.4

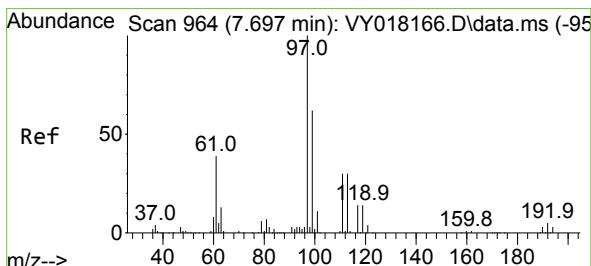
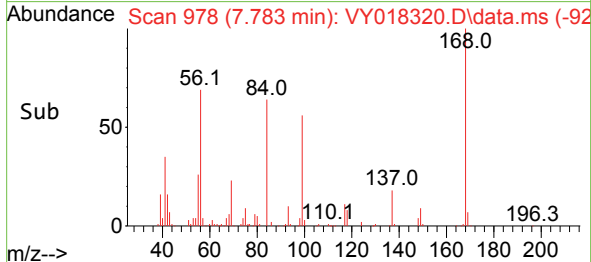
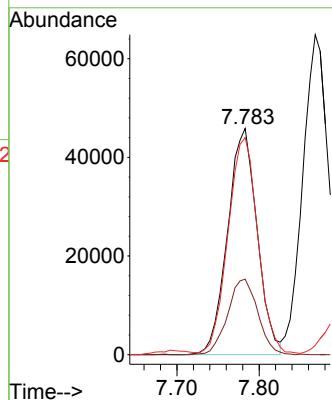
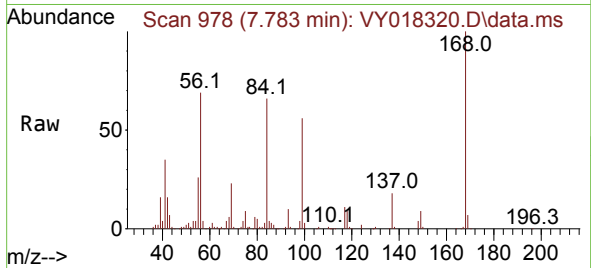




#31
Cyclohexane
Concen: 53.933 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

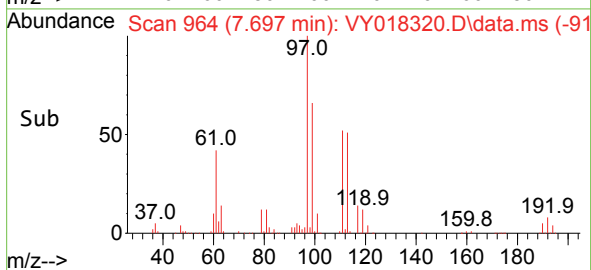
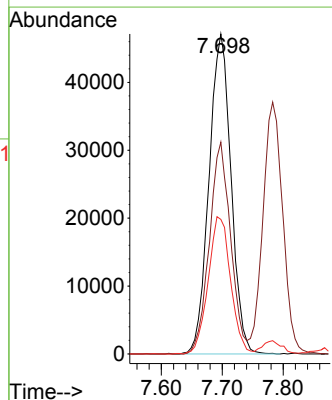
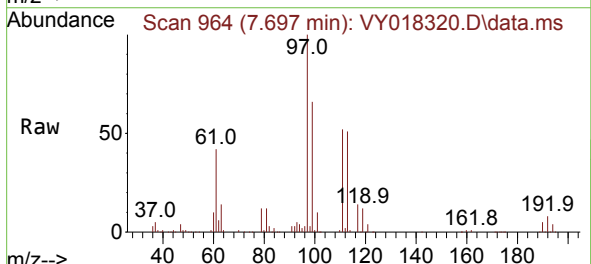
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

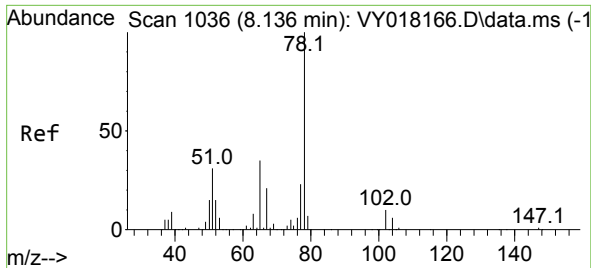
Tgt Ion: 56 Resp: 114642
Ion Ratio Lower Upper
56 100
69 33.4 28.7 43.1
84 94.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.805 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 97 Resp: 118337
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 43.7 32.6 48.8

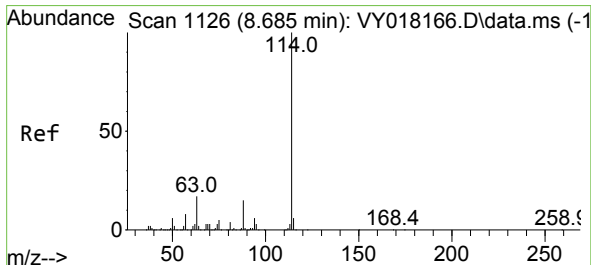
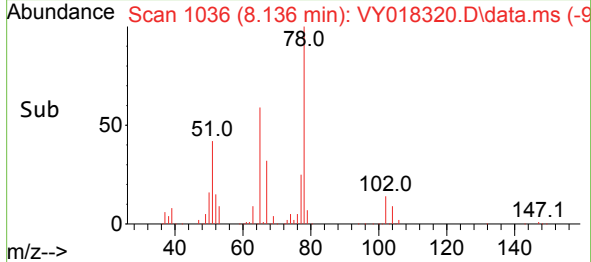
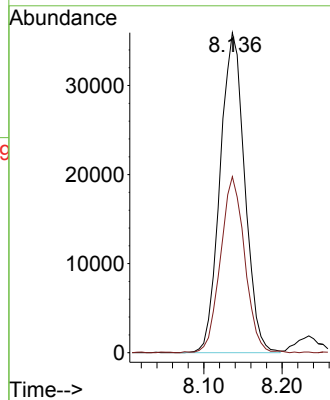
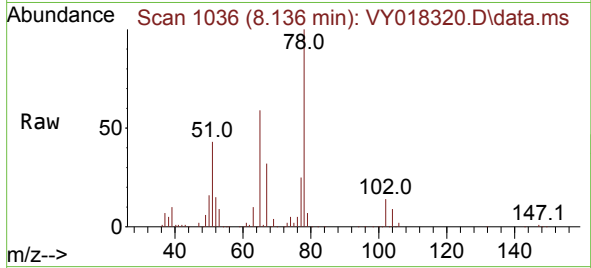




#33
 1,2-Dichloroethane-d4
 Concen: 71.584 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

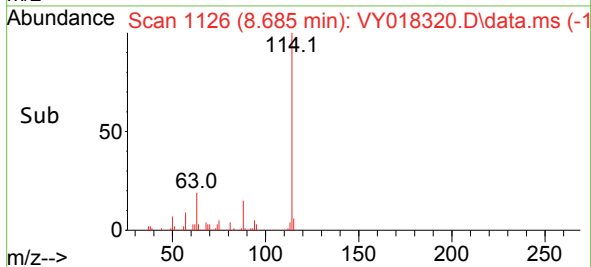
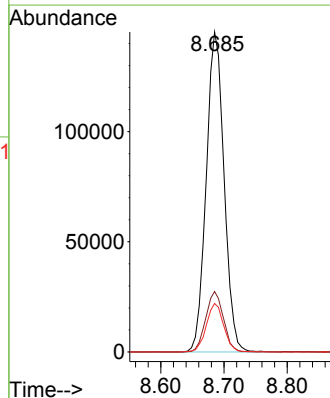
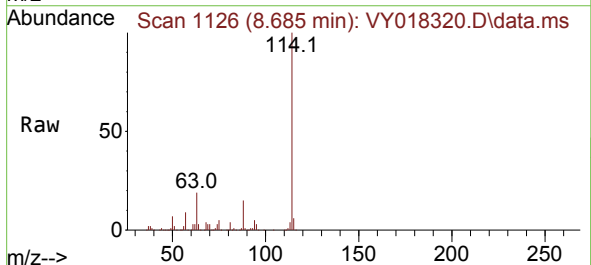
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

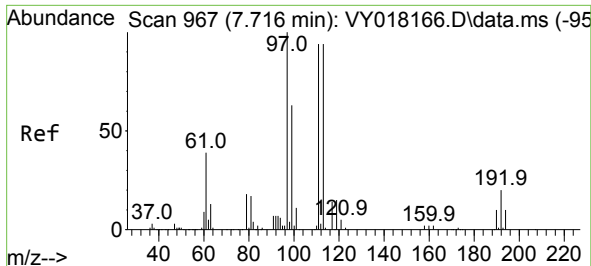
Tgt Ion: 65 Resp: 78464
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

Tgt Ion: 114 Resp: 285588
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.0
 88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.725 ug/l

RT: 7.710 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

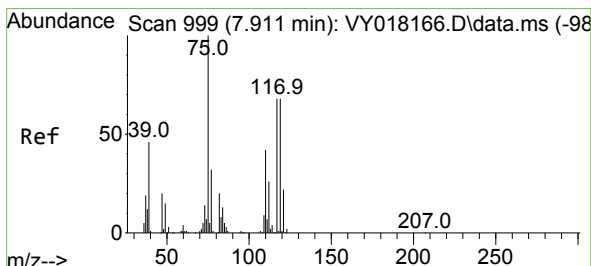
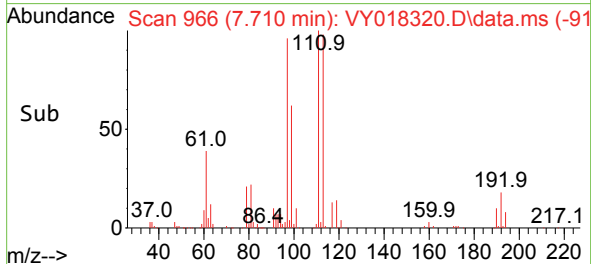
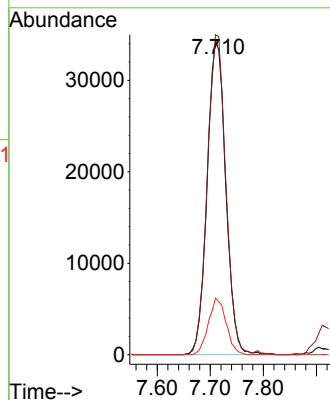
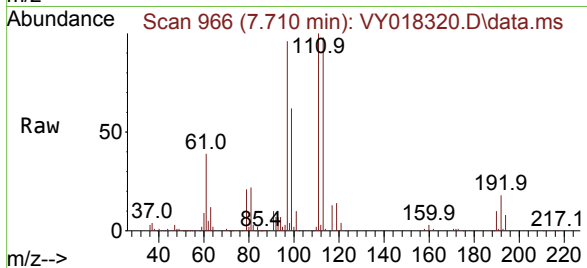
Tgt Ion:113 Resp: 83638

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 46.641 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

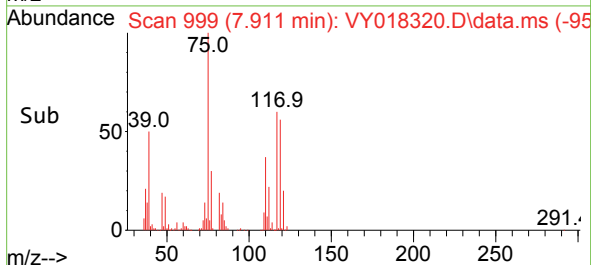
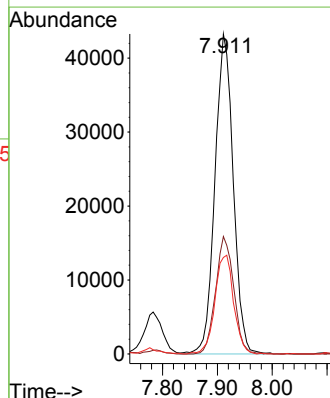
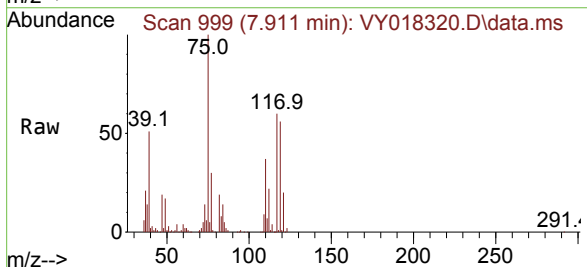
Tgt Ion: 75 Resp: 100354

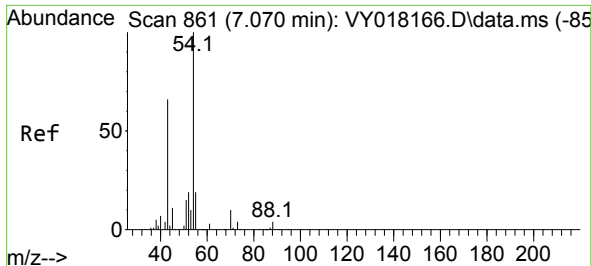
Ion Ratio Lower Upper

75 100

110 36.4 19.0 57.0

77 31.7 25.3 37.9

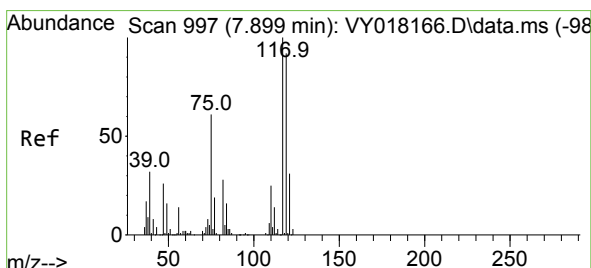
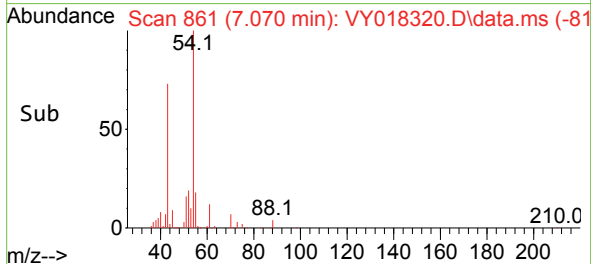
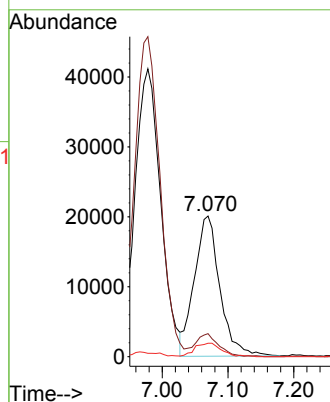
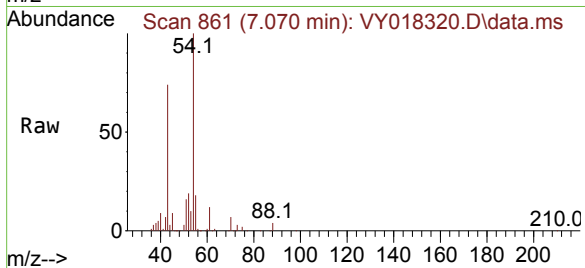




#37
Ethyl Acetate
Concen: 59.509 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

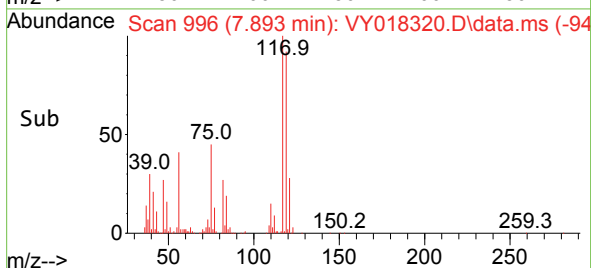
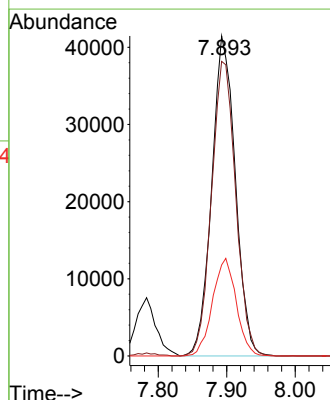
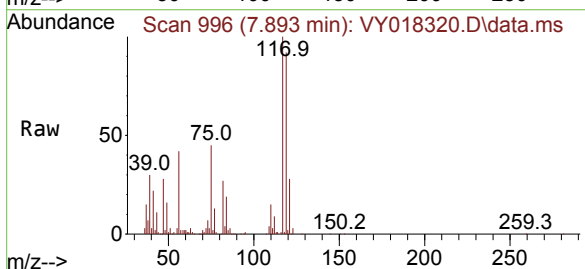
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

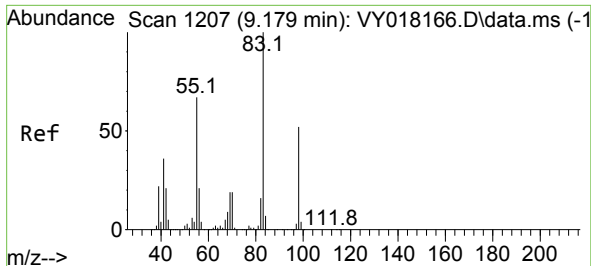
Tgt Ion: 43 Resp: 53891
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 42.159 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 117 Resp: 99117
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.6
121 28.5 24.0 36.0





#39

Methylcyclohexane

Concen: 42.956 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

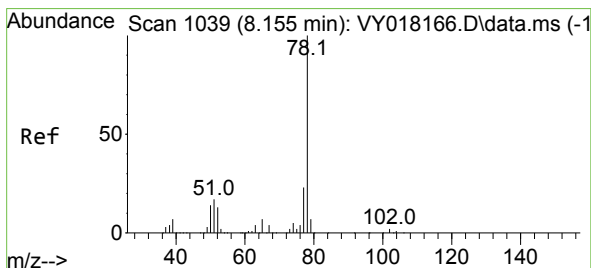
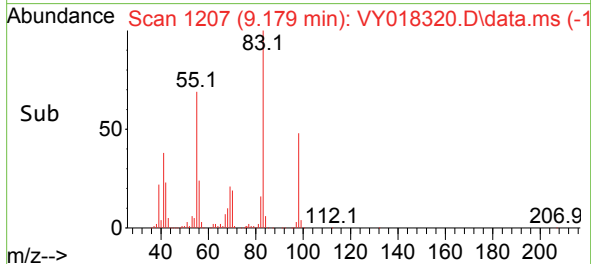
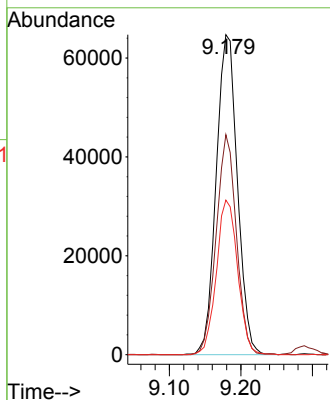
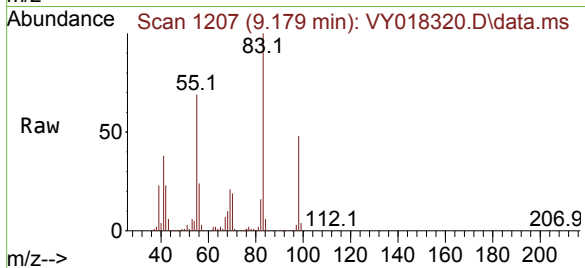
Tgt Ion: 83 Resp: 133339

Ion Ratio Lower Upper

83 100

55 68.8 51.5 77.3

98 48.3 40.5 60.7



#40

Benzene

Concen: 48.247 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018320.D

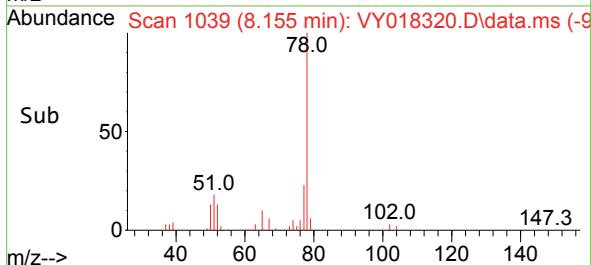
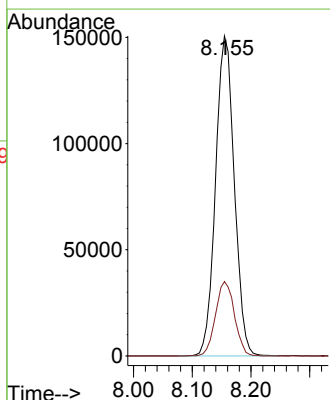
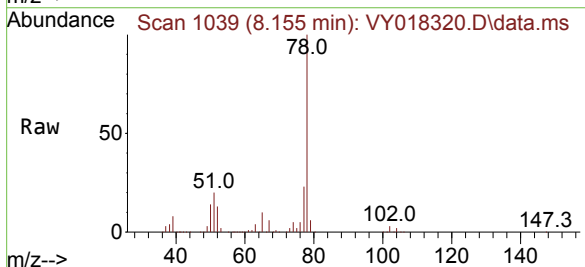
Acq: 17 May 2024 19:56

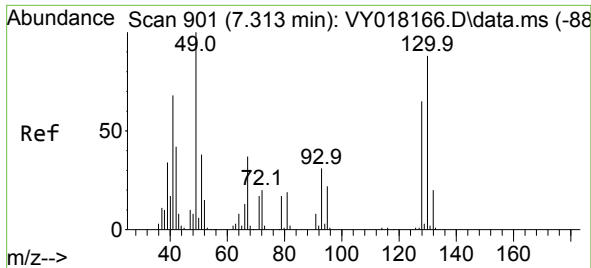
Tgt Ion: 78 Resp: 333917

Ion Ratio Lower Upper

78 100

77 23.3 19.5 29.3

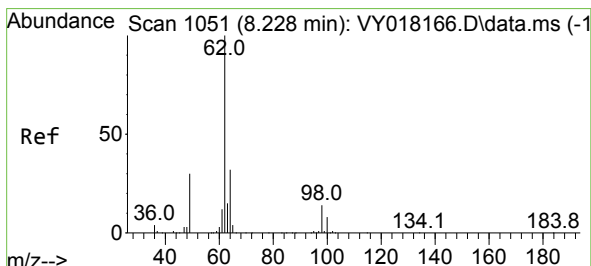
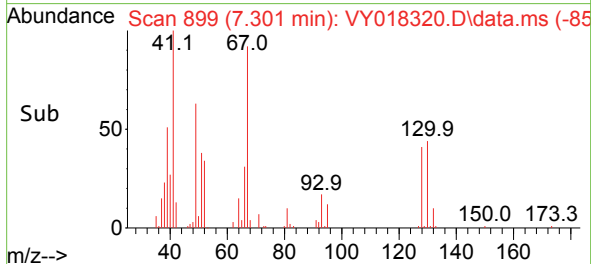
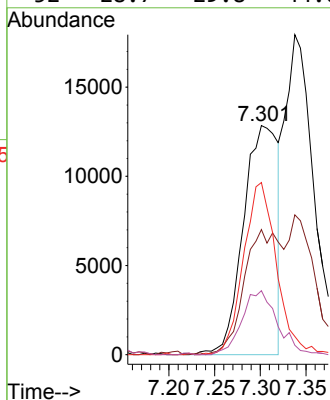
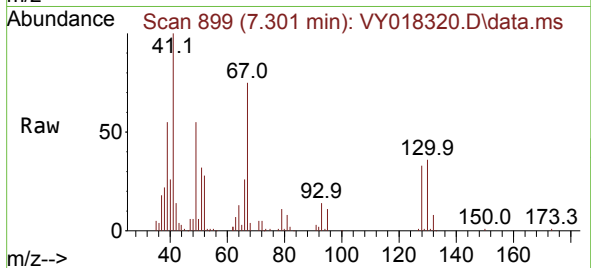




#41
Methacrylonitrile
Concen: 64.534 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

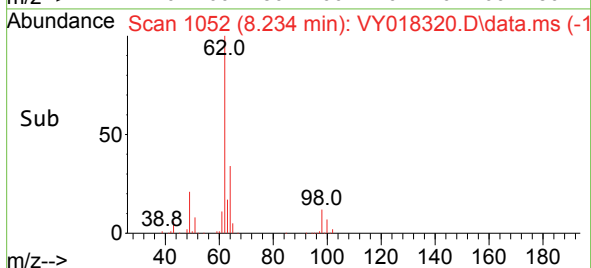
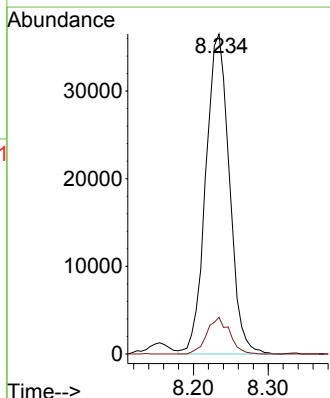
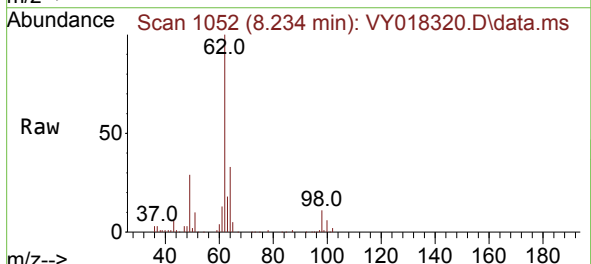
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

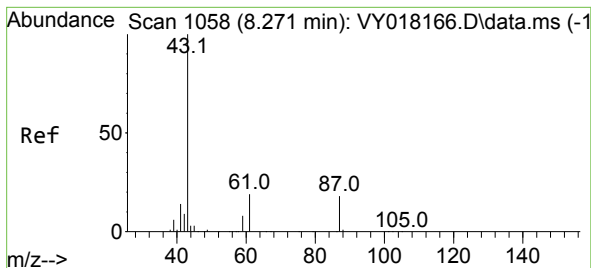
Tgt Ion: 41 Resp: 33748
Ion Ratio Lower Upper
41 100
39 59.3 48.0 72.0
67 72.2 75.1 112.7#
52 28.7 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 53.246 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 62 Resp: 80182
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 55.645 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

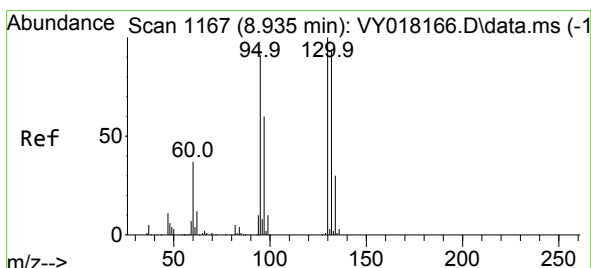
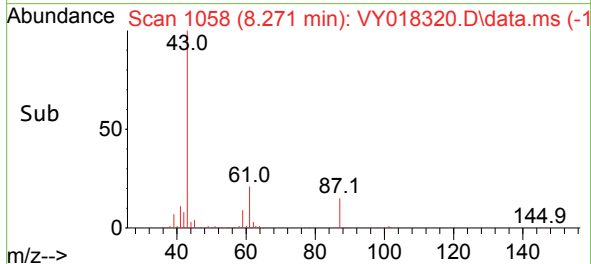
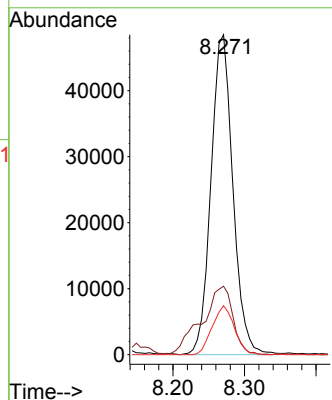
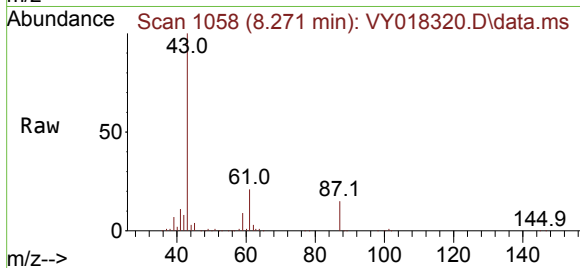
Tgt Ion: 43 Resp: 103292

Ion Ratio Lower Upper

43 100

61 30.5 27.9 41.9

87 15.4 13.1 19.7



#44

Trichloroethene

Concen: 42.755 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018320.D

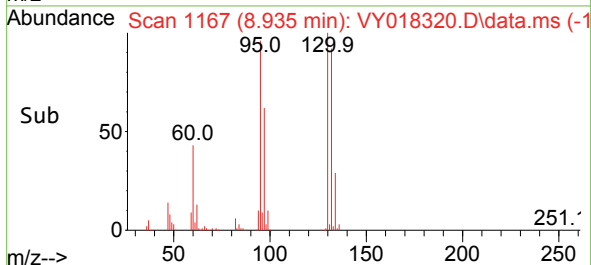
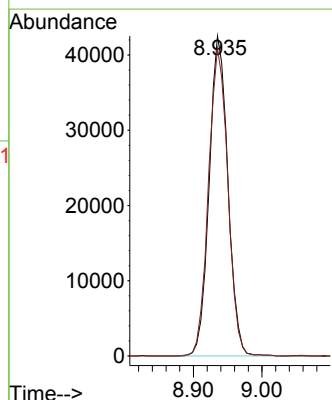
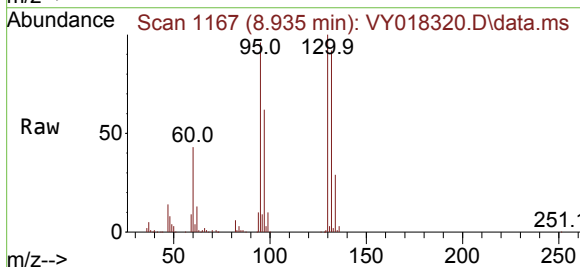
Acq: 17 May 2024 19:56

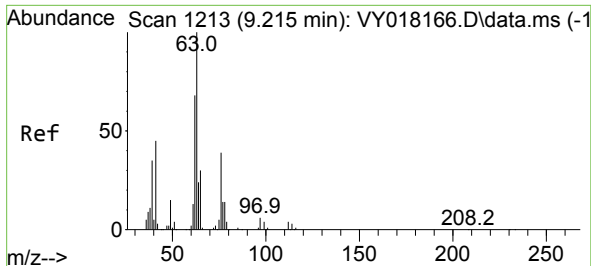
Tgt Ion: 130 Resp: 80553

Ion Ratio Lower Upper

130 100

95 96.2 0.0 188.0

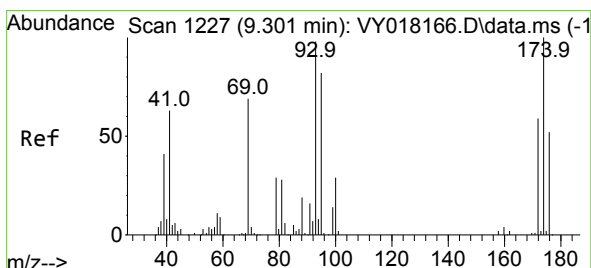
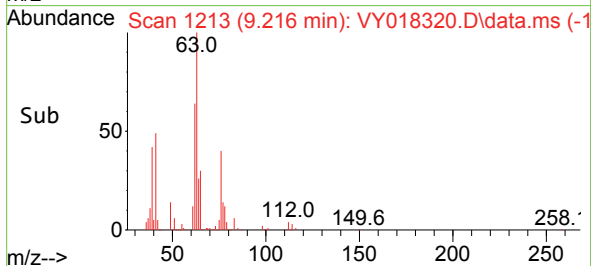
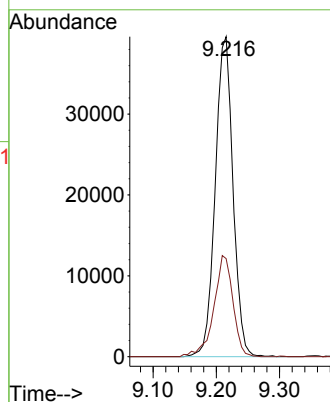
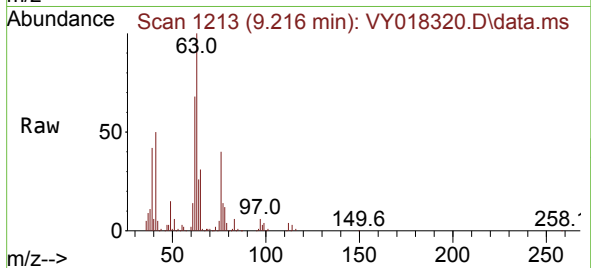




#45
1,2-Dichloropropane
Concen: 50.752 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

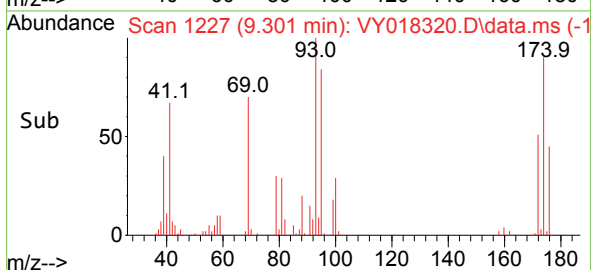
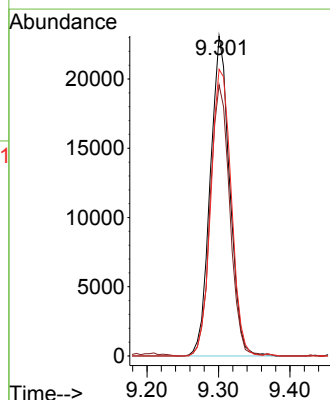
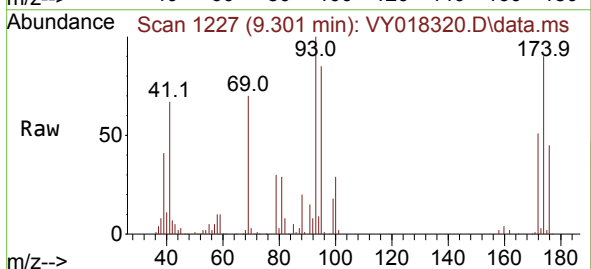
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

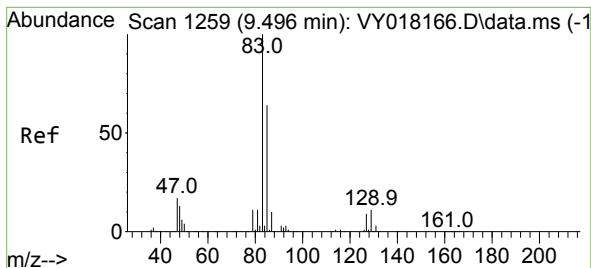
Tgt Ion: 63 Resp: 76793
Ion Ratio Lower Upper
63 100
65 30.7 25.4 38.2



#46
Dibromomethane
Concen: 50.150 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 93 Resp: 43623
Ion Ratio Lower Upper
93 100
95 85.4 66.2 99.4
174 94.0 80.9 121.3





#47

Bromodichloromethane

Concen: 48.979 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

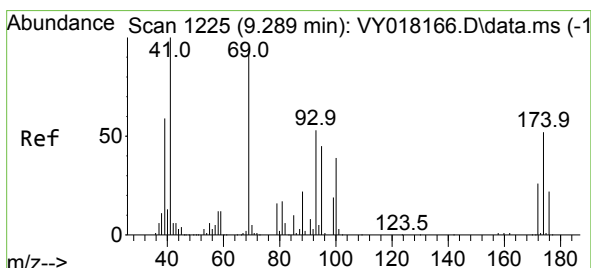
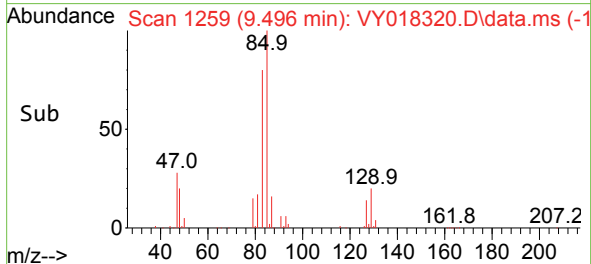
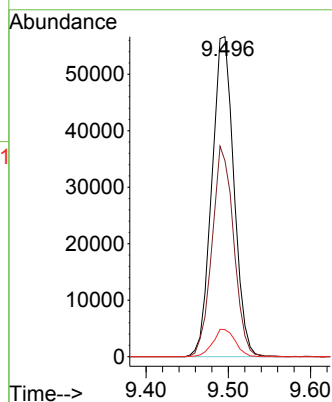
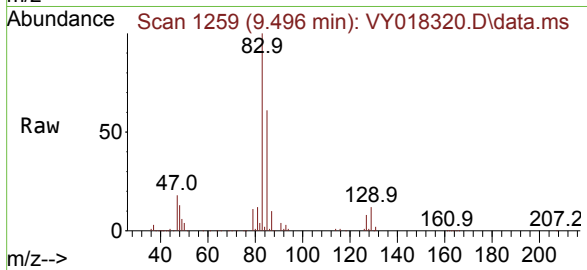
Tgt Ion: 83 Resp: 105327

Ion Ratio Lower Upper

83 100

85 61.2 50.1 75.1

127 8.5 7.4 11.0



#48

Methyl methacrylate

Concen: 53.435 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

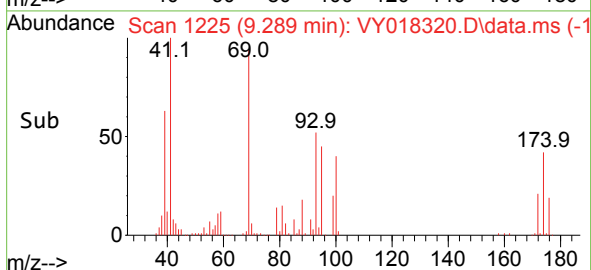
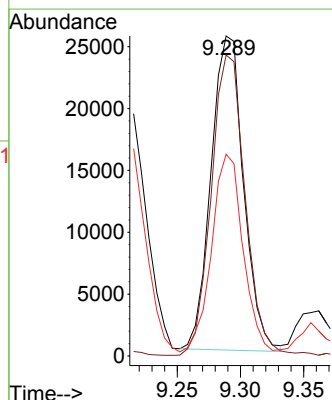
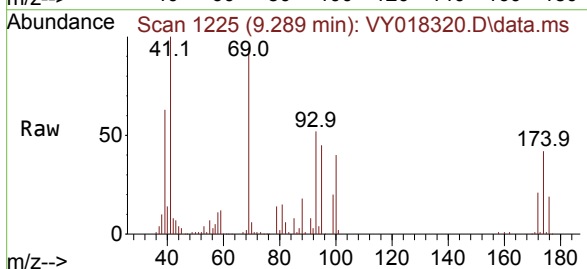
Tgt Ion: 41 Resp: 45460

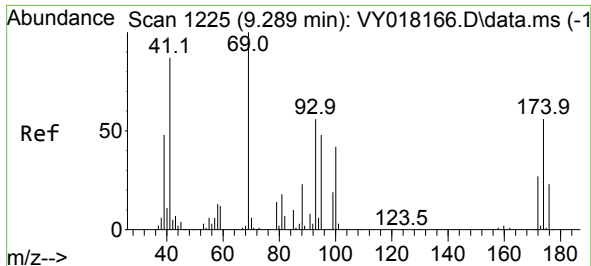
Ion Ratio Lower Upper

41 100

69 100.4 84.1 126.1

39 63.3 43.6 65.4





#49

1,4-Dioxane

Concen: 967.758 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

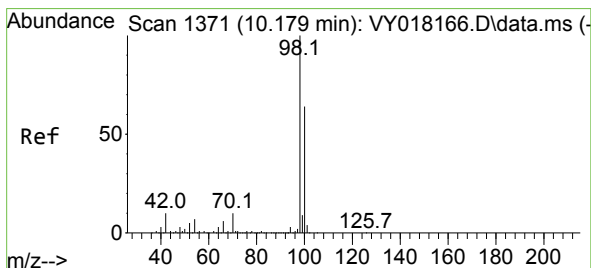
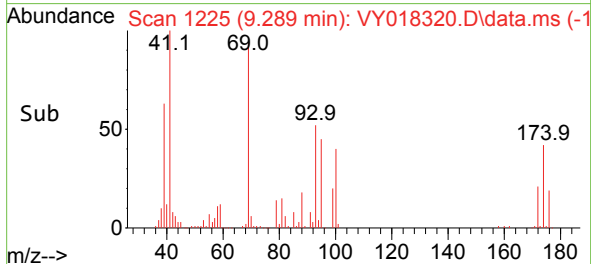
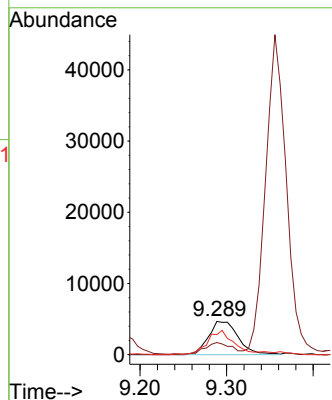
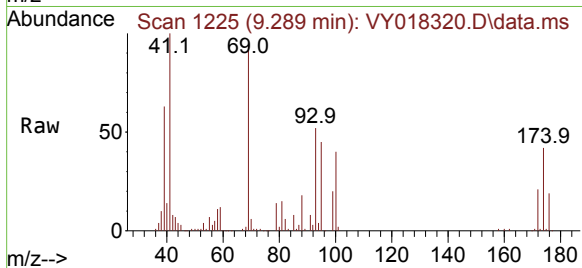
Tgt Ion: 88 Resp: 11174

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 67.7 49.3 73.9



#50

Toluene-d8

Concen: 53.107 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018320.D

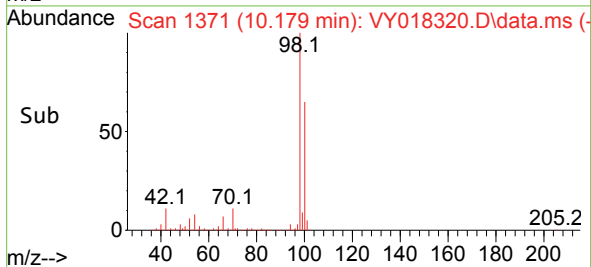
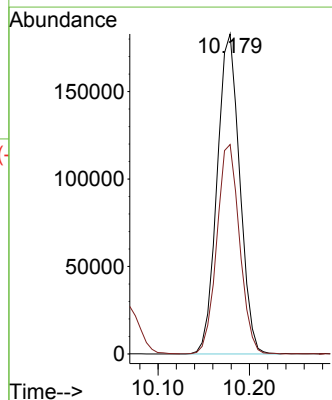
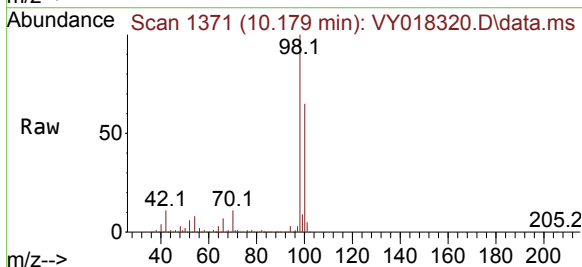
Acq: 17 May 2024 19:56

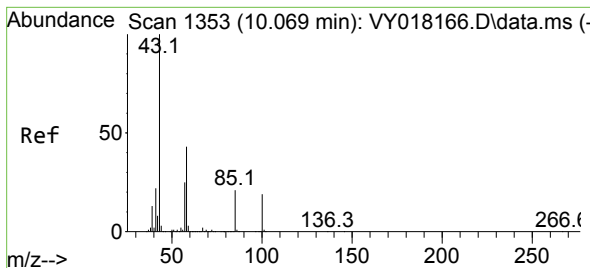
Tgt Ion: 98 Resp: 314101

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

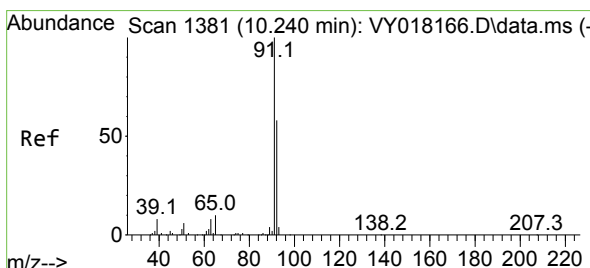
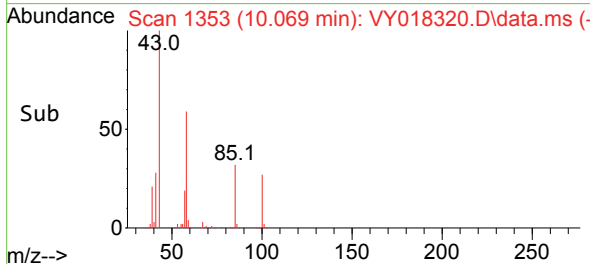
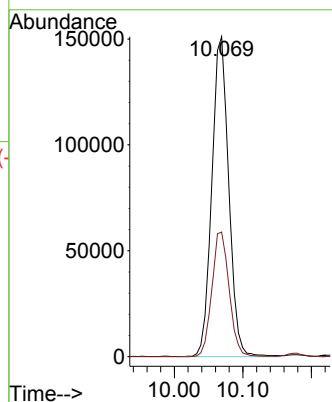
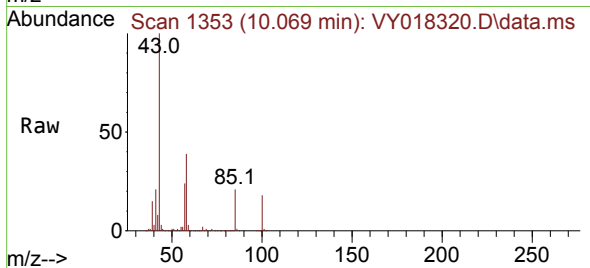




#51
4-Methyl-2-Pentanone
Concen: 277.855 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

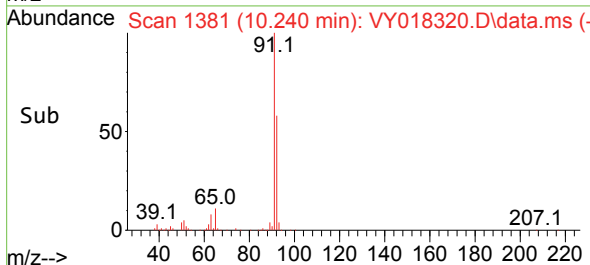
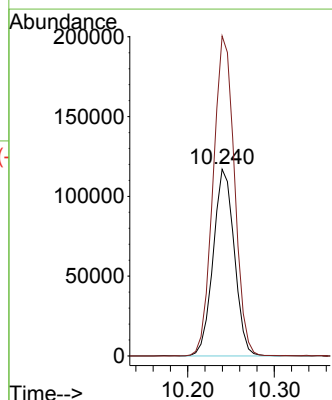
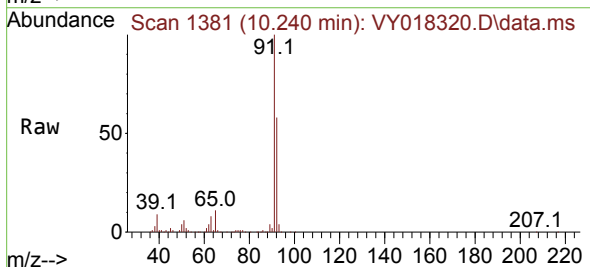
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

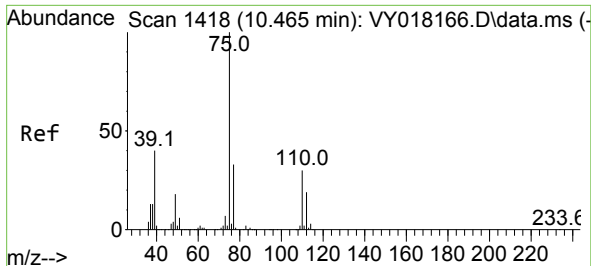
Tgt Ion: 43 Resp: 259229
Ion Ratio Lower Upper
43 100
58 39.9 35.7 53.5



#52
Toluene
Concen: 44.543 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 92 Resp: 198467
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.6

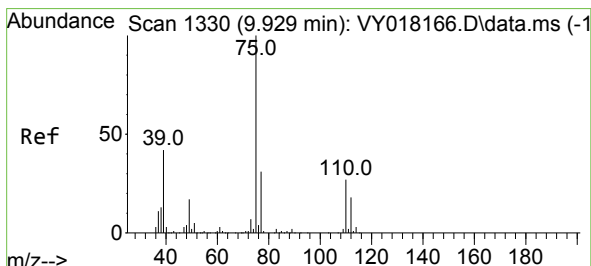
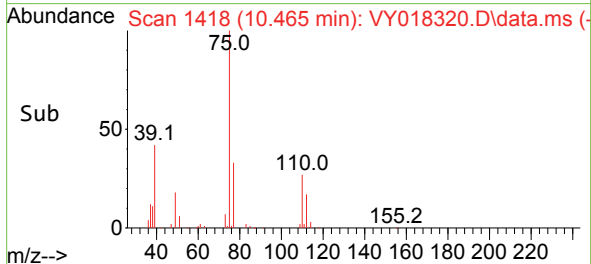
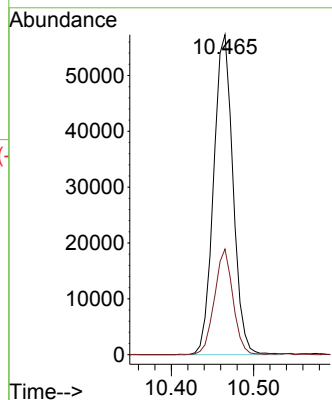
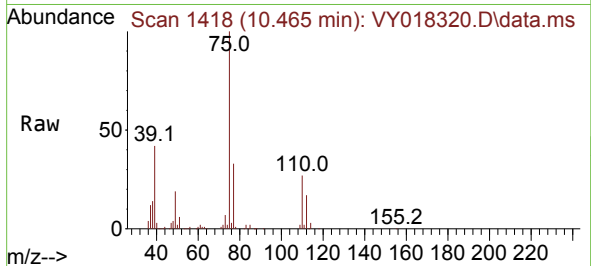




#53
 t-1,3-Dichloropropene
 Concen: 46.742 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

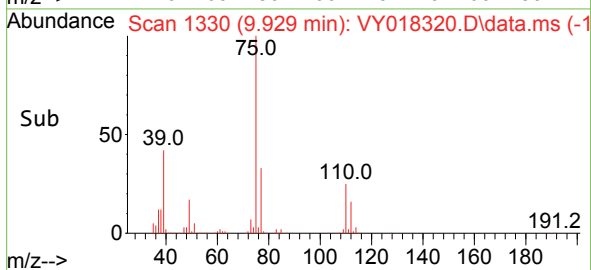
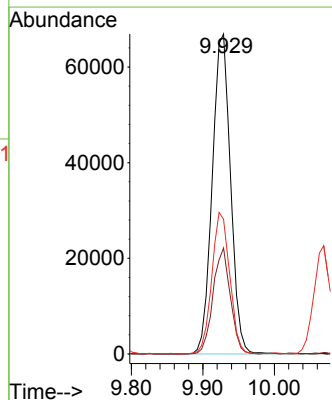
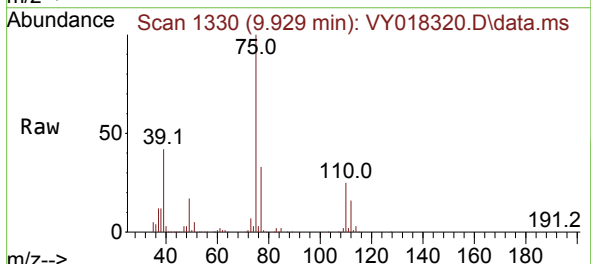
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

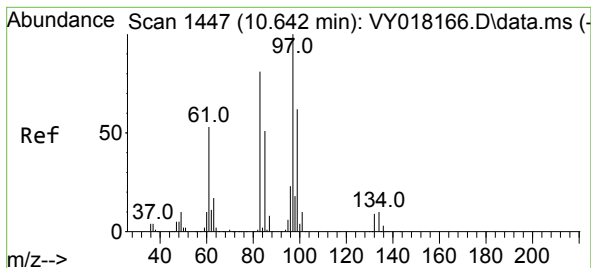
Tgt Ion: 75 Resp: 93887
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 48.382 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY018320.D
 Acq: 17 May 2024 19:56

Tgt Ion: 75 Resp: 118792
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0
 39 42.1 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 49.235 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58833

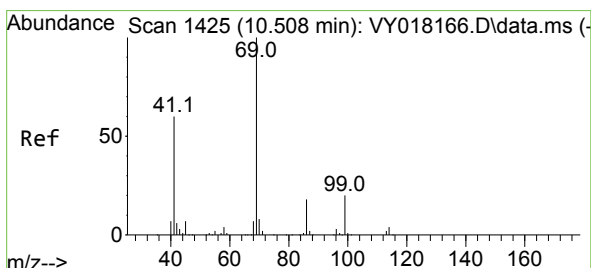
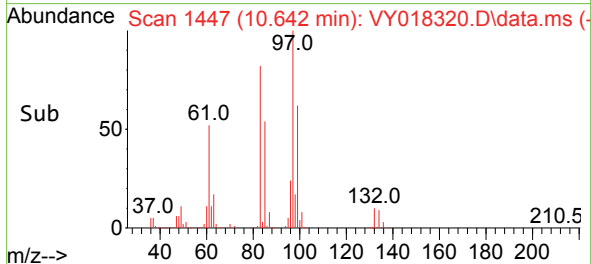
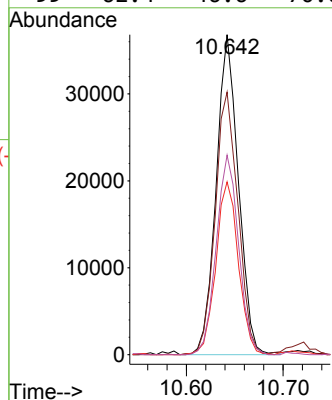
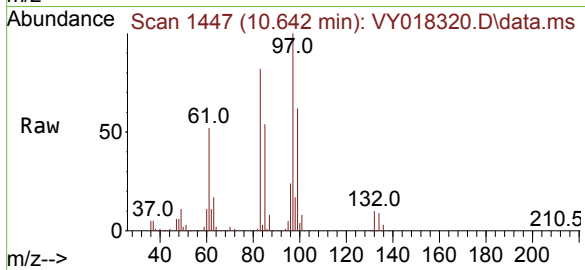
Ion Ratio Lower Upper

97 100

83 82.1 67.5 101.3

85 54.0 42.9 64.3

99 62.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.834 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

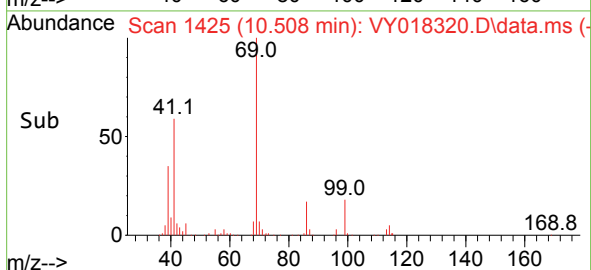
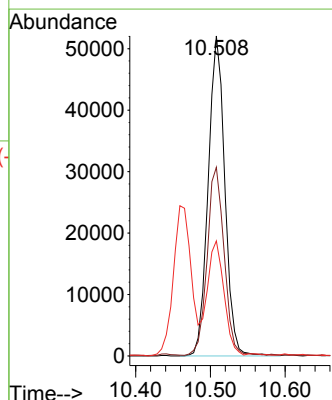
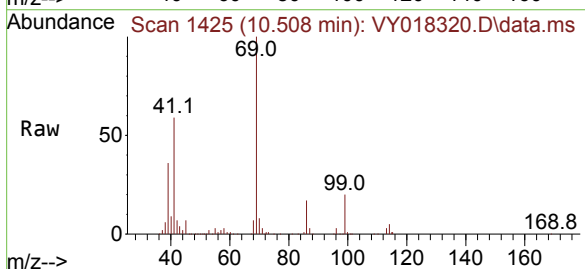
Tgt Ion: 69 Resp: 80875

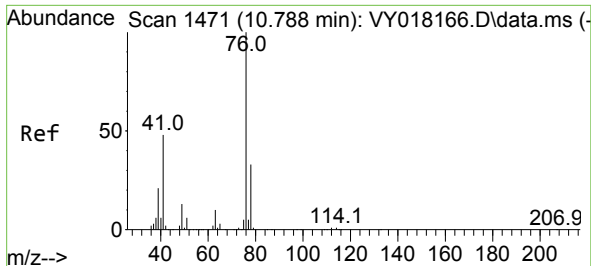
Ion Ratio Lower Upper

69 100

41 59.7 42.3 63.5

39 35.6 22.9 34.3#

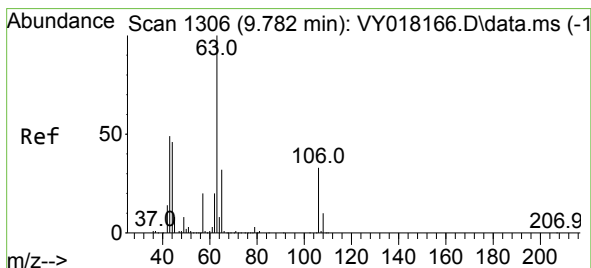
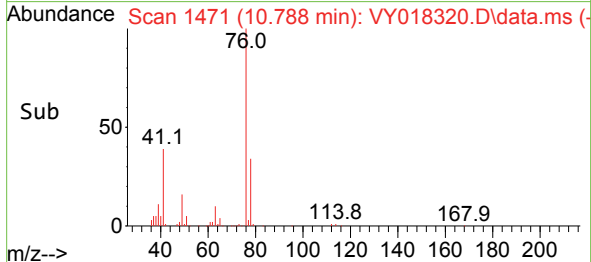
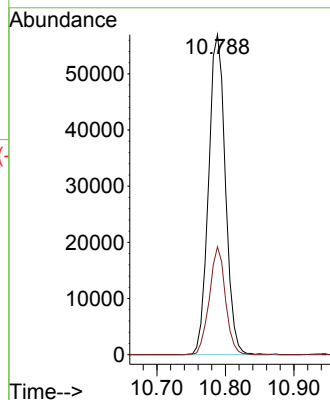
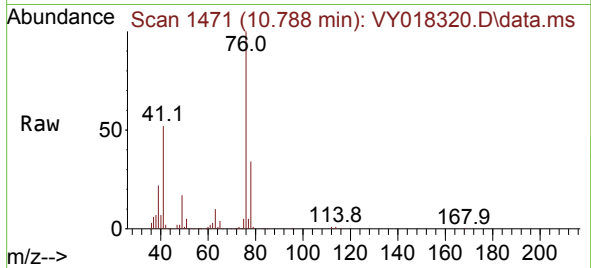




#57
1,3-Dichloropropane
Concen: 50.019 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

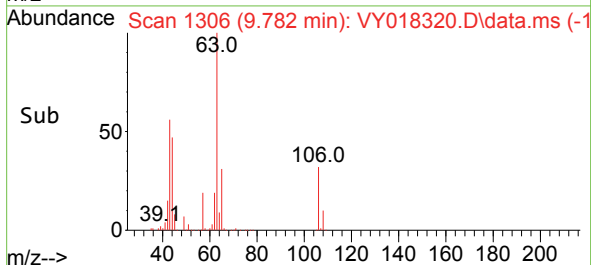
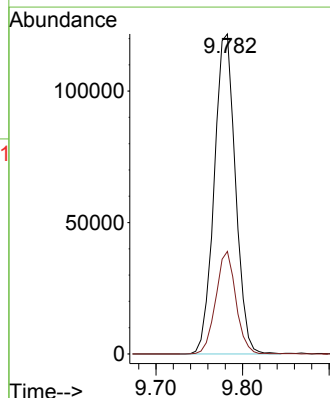
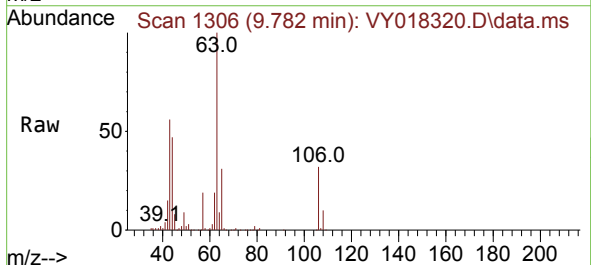
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

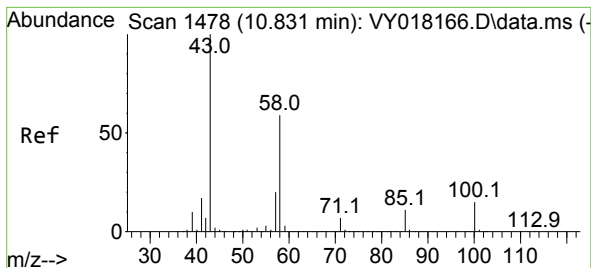
Tgt Ion: 76 Resp: 97276
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 267.244 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 63 Resp: 207098
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

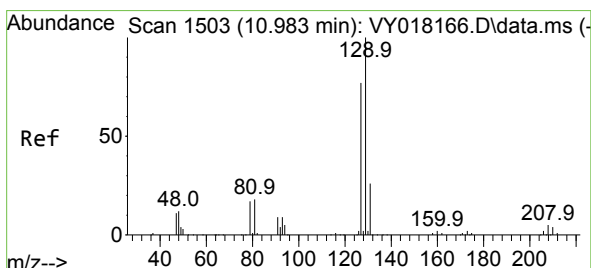
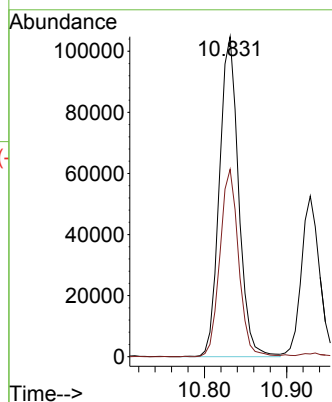
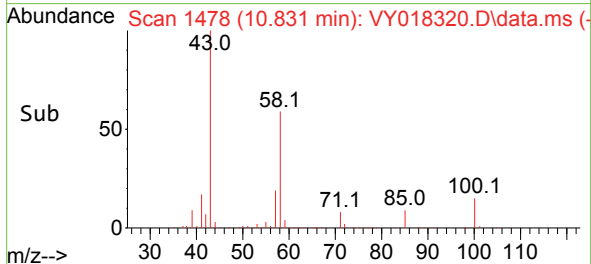
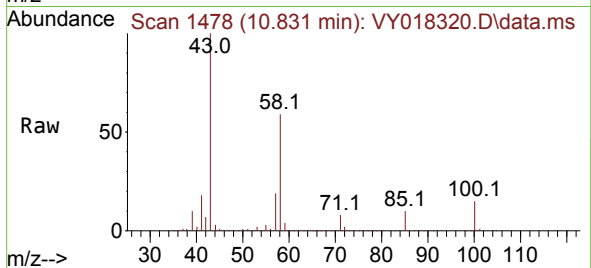




#59
2-Hexanone
Concen: 260.030 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

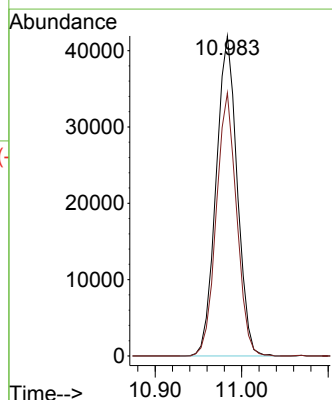
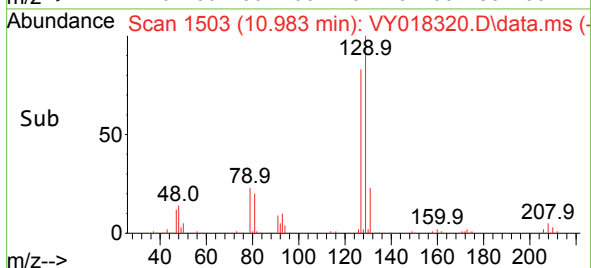
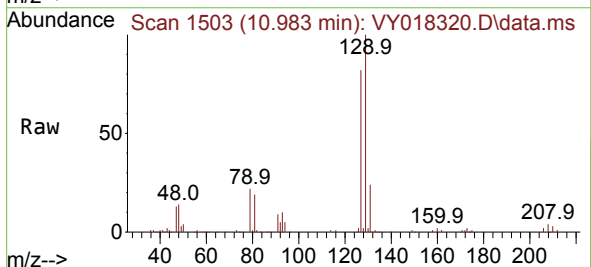
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

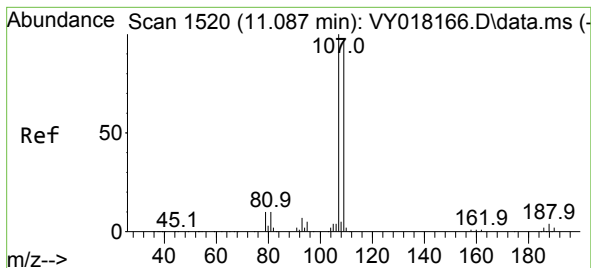
Tgt Ion: 43 Resp: 169627
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 45.683 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 129 Resp: 70824
Ion Ratio Lower Upper
129 100
127 79.4 39.0 117.0

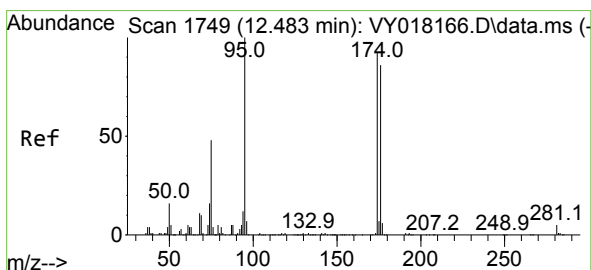
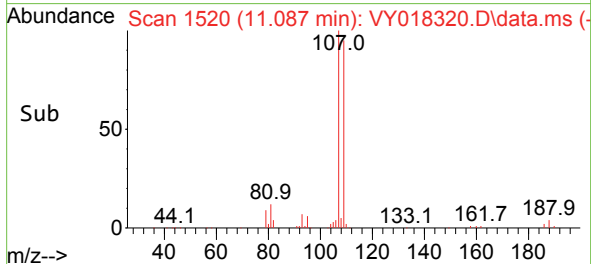
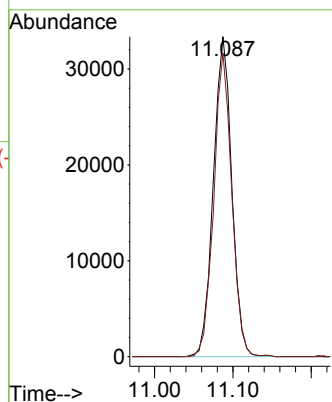
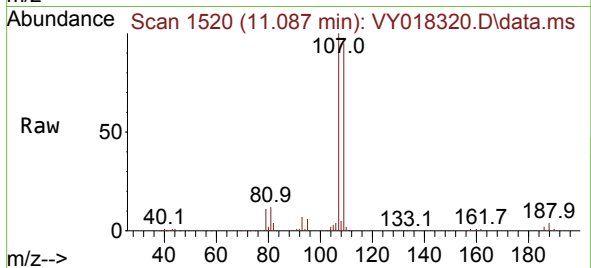




#61
1,2-Dibromoethane
Concen: 48.478 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

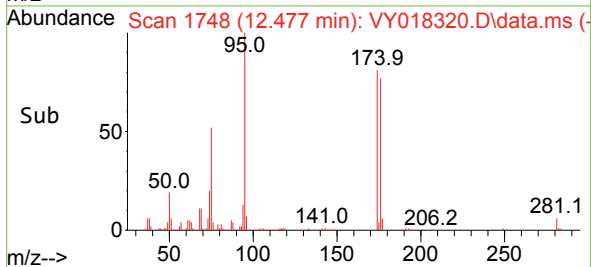
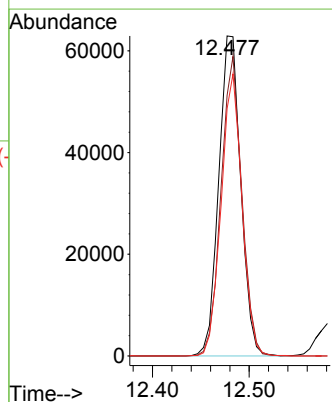
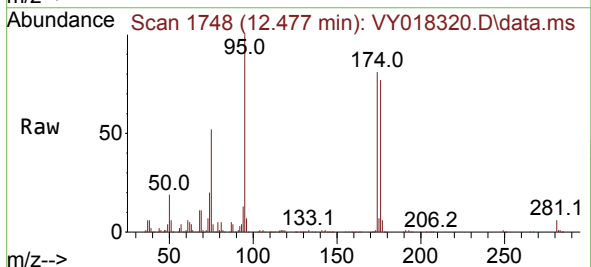
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

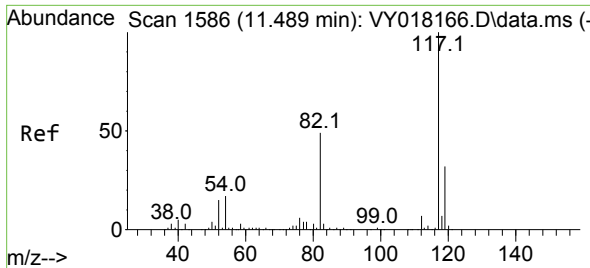
Tgt Ion:107 Resp: 54563
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.944 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 95 Resp: 99214
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.6
176 83.7 0.0 171.4

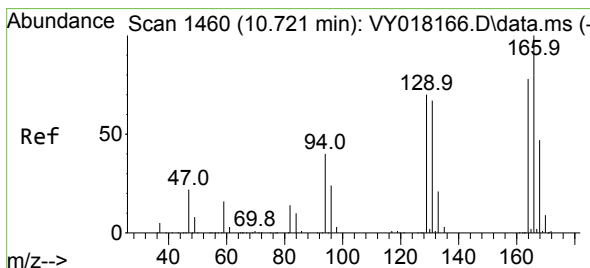
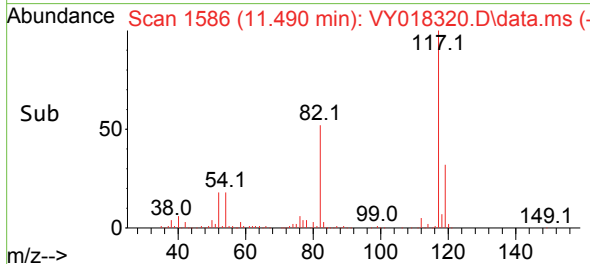
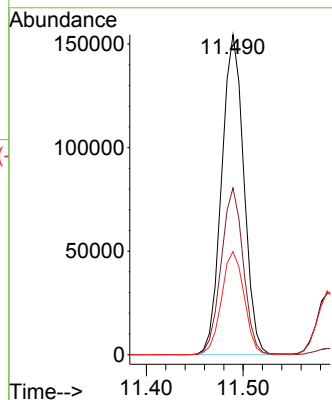
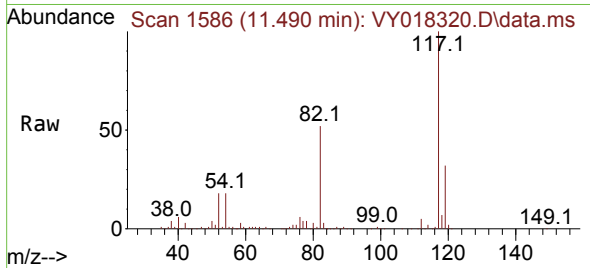




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

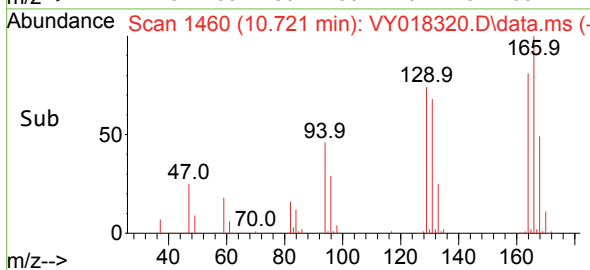
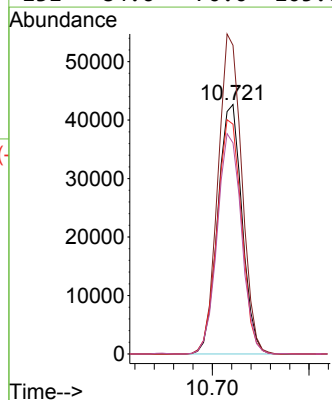
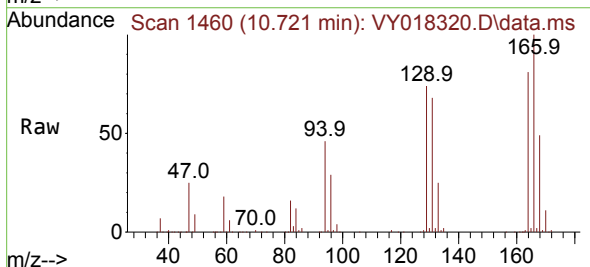
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

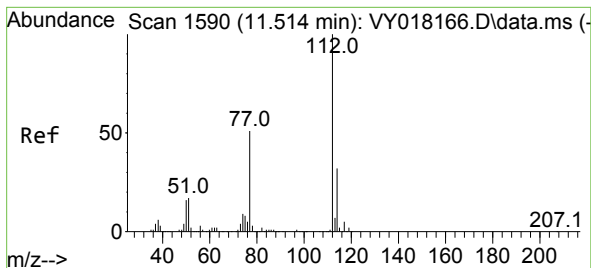
Tgt Ion:117 Resp: 245921
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 45.313 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion:164 Resp: 74193
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 92.1 72.0 108.0
131 84.6 70.0 105.0

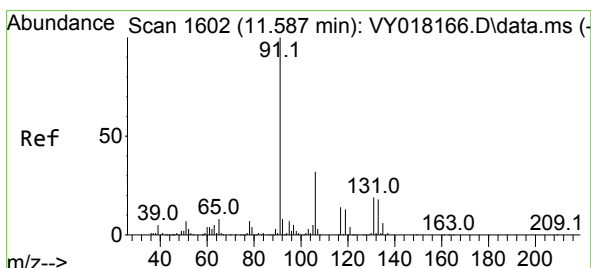
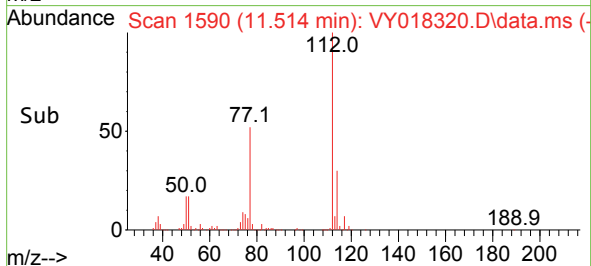
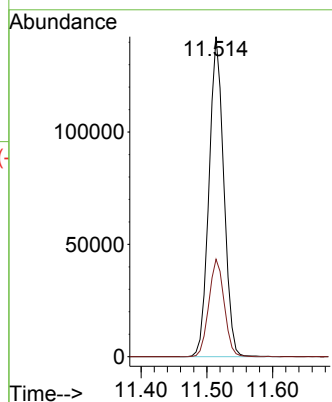
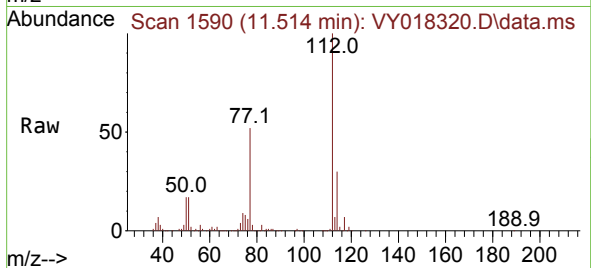




#65
Chlorobenzene
Concen: 44.480 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

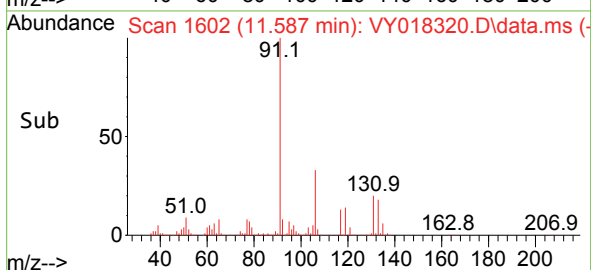
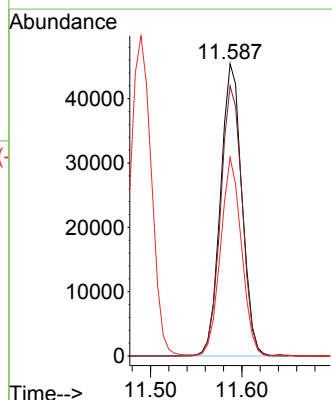
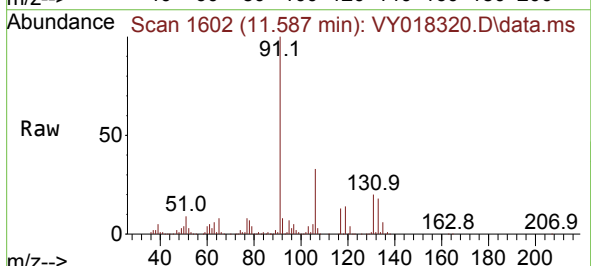
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

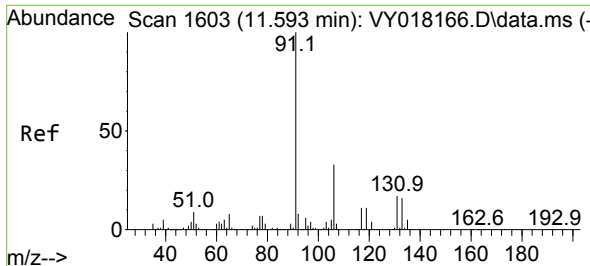
Tgt Ion:112 Resp: 222784
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.720 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion:131 Resp: 74071
Ion Ratio Lower Upper
131 100
133 93.4 47.8 143.3
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 44.507 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

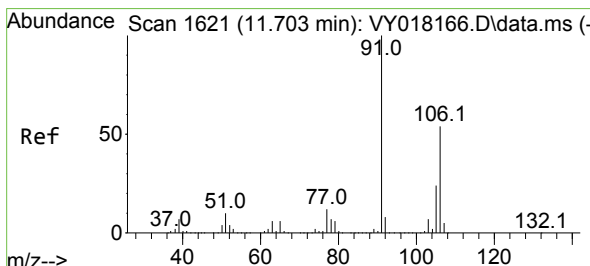
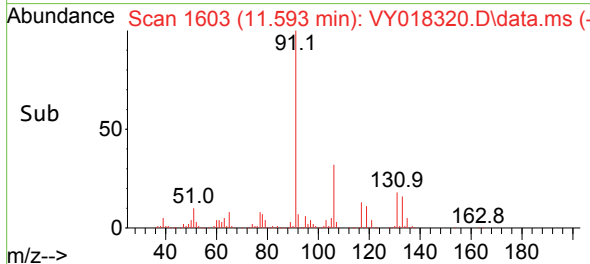
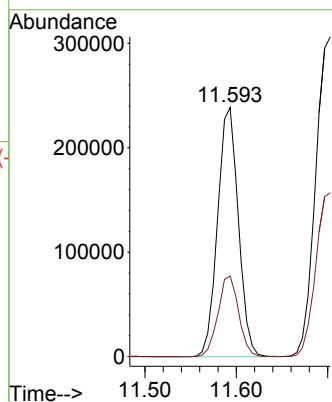
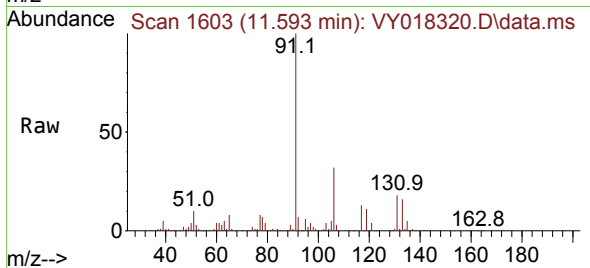
VSTDCCC050EC

Tgt Ion: 91 Resp: 376387

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 87.373 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018320.D

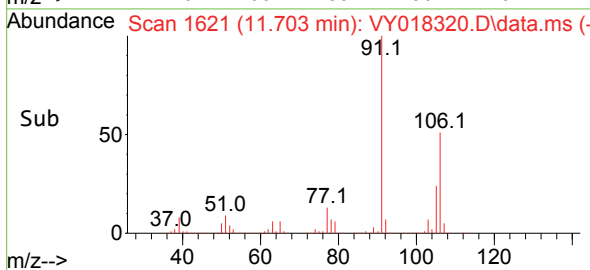
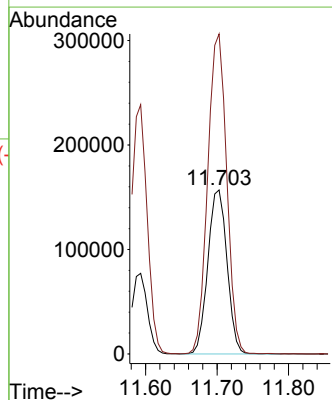
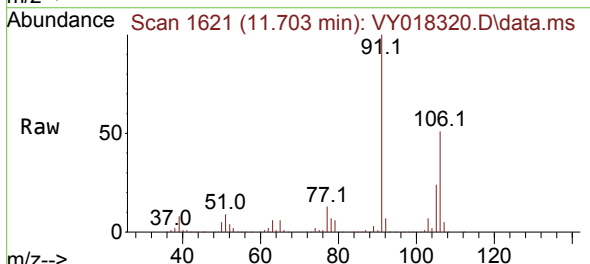
Acq: 17 May 2024 19:56

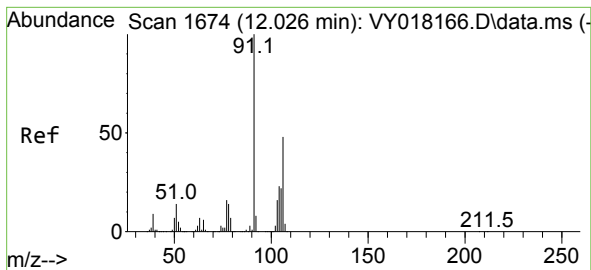
Tgt Ion:106 Resp: 292197

Ion Ratio Lower Upper

106 100

91 193.0 156.0 234.0





#69

o-Xylene

Concen: 44.337 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

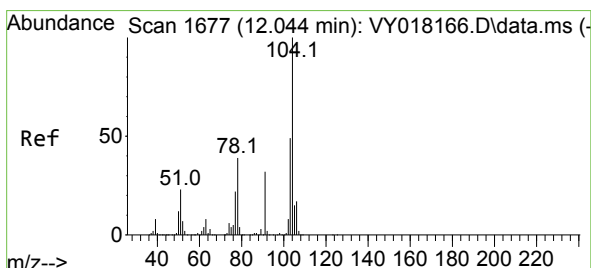
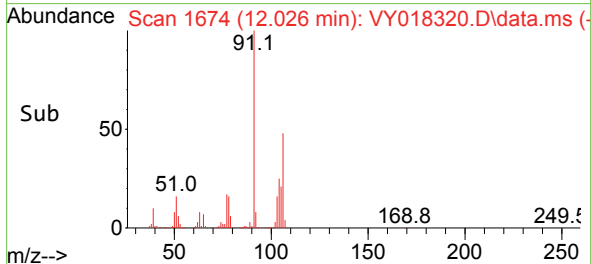
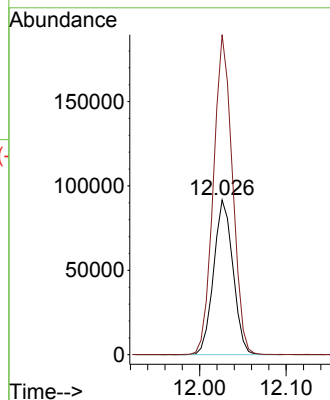
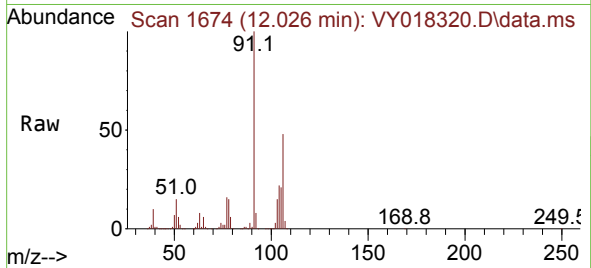
VSTDCCC050EC

Tgt Ion:106 Resp: 142294

Ion Ratio Lower Upper

106 100

91 203.9 103.6 310.8



#70

Styrene

Concen: 44.672 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

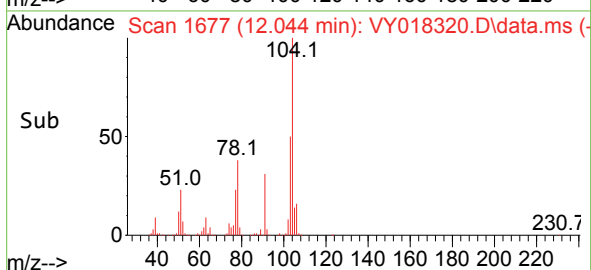
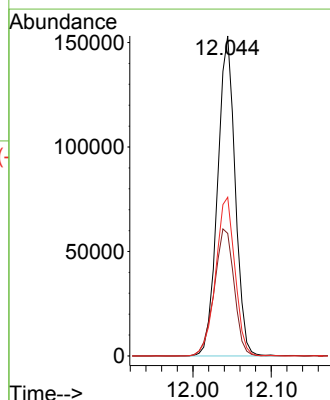
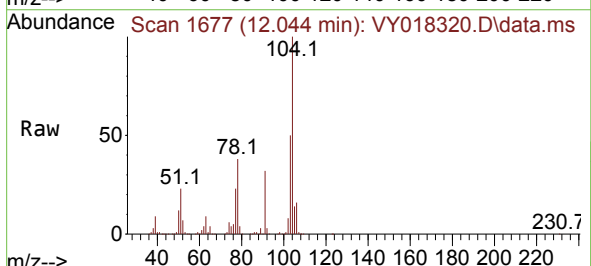
Tgt Ion:104 Resp: 239423

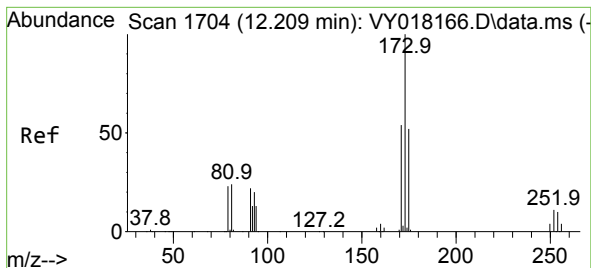
Ion Ratio Lower Upper

104 100

78 45.1 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 43.978 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

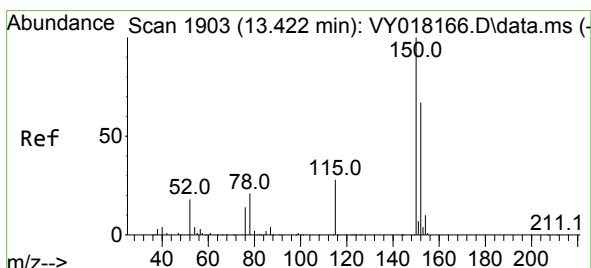
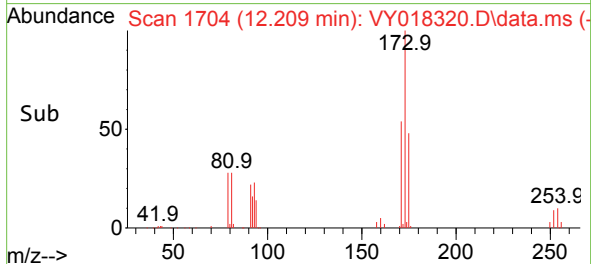
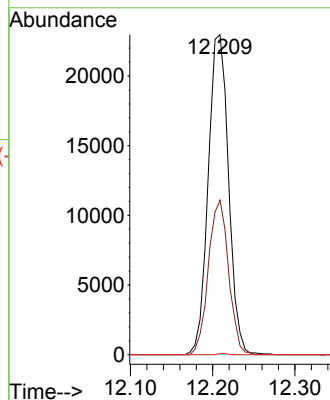
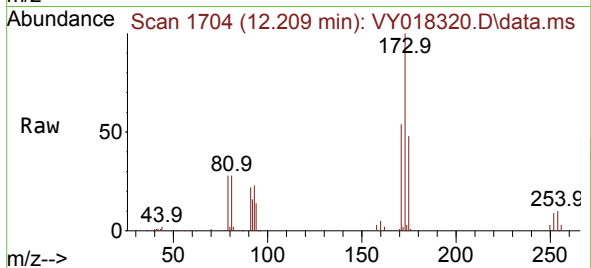
Tgt Ion:173 Resp: 39422

Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

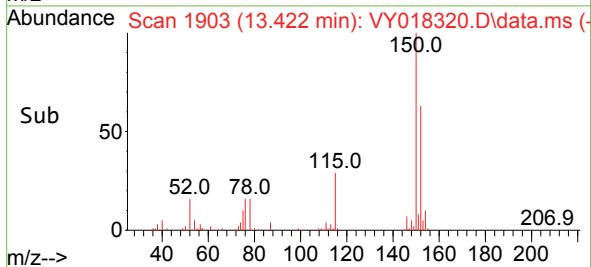
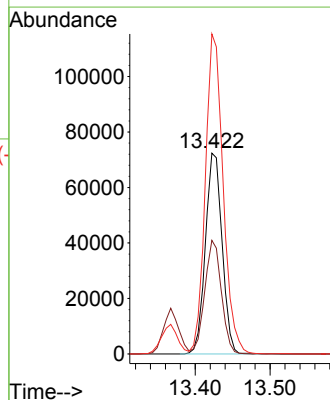
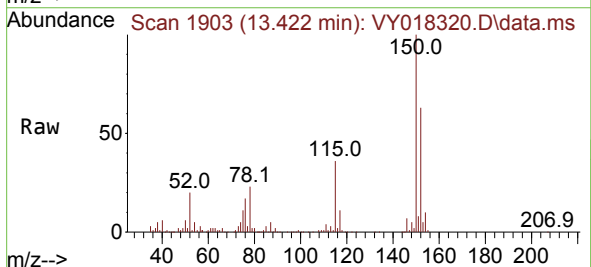
Tgt Ion:152 Resp: 112260

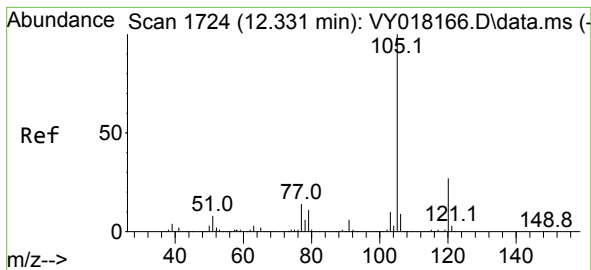
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 169.8 0.0 345.6





#73

Isopropylbenzene

Concen: 42.830 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

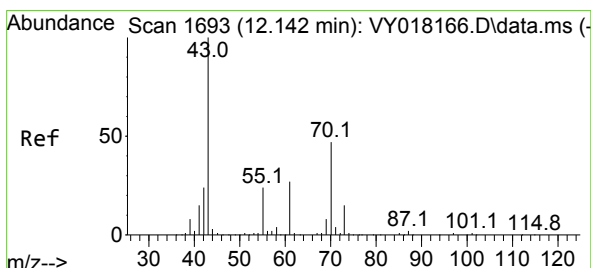
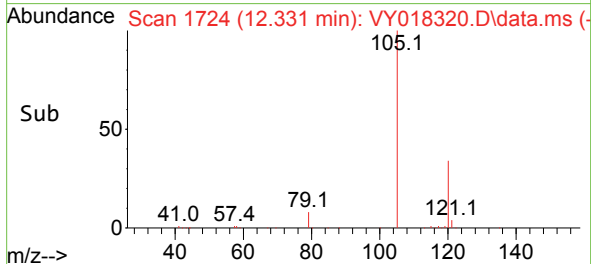
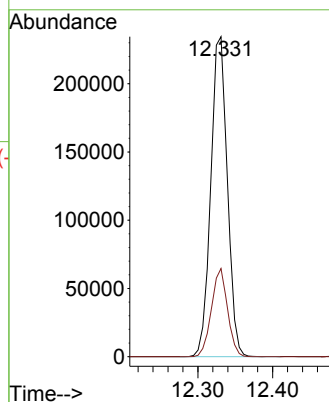
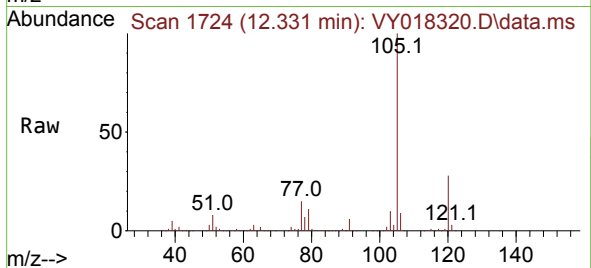
VSTDCCC050EC

Tgt Ion:105 Resp: 360493

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 48.993 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Tgt Ion: 43 Resp: 85602

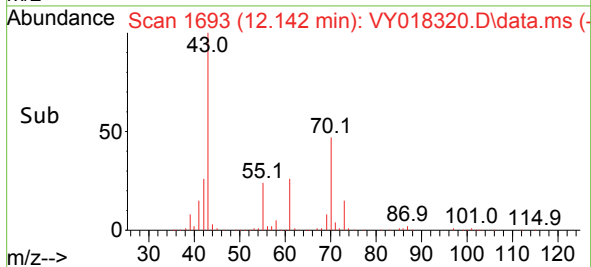
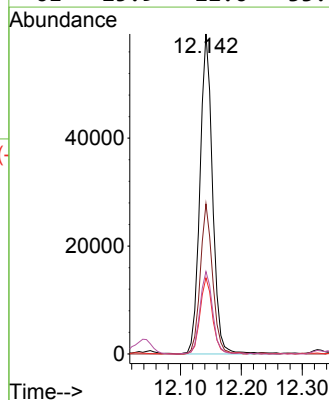
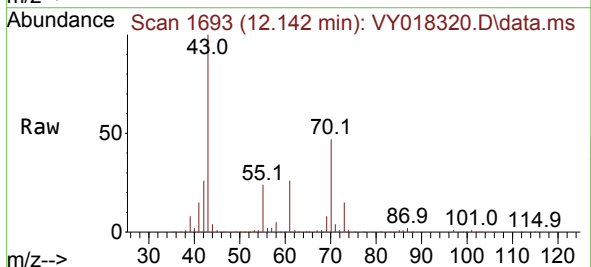
Ion Ratio Lower Upper

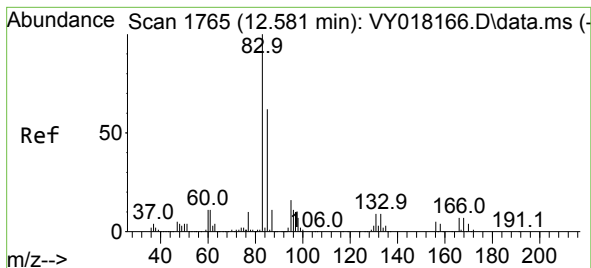
43 100

70 45.4 41.4 62.2

55 23.4 23.3 34.9

61 25.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.212 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

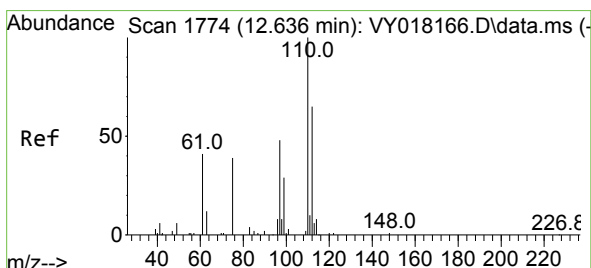
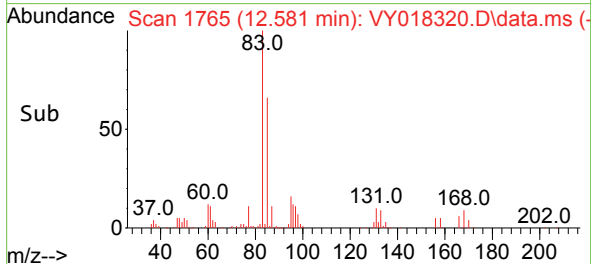
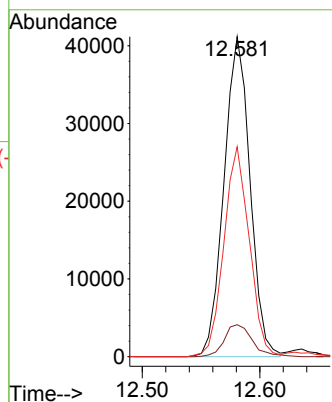
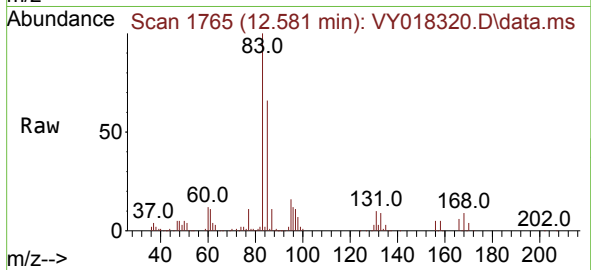
Tgt Ion: 83 Resp: 63390

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 87.030 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018320.D

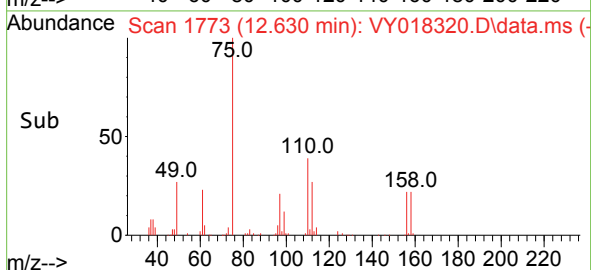
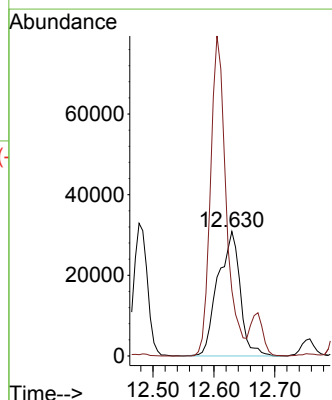
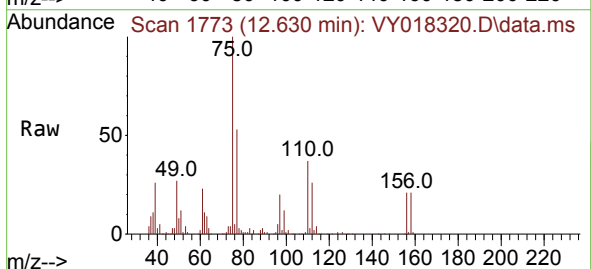
Acq: 17 May 2024 19:56

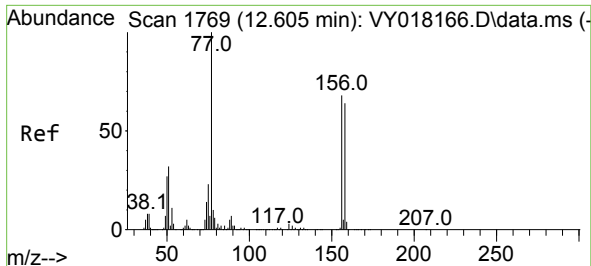
Tgt Ion: 75 Resp: 78202

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

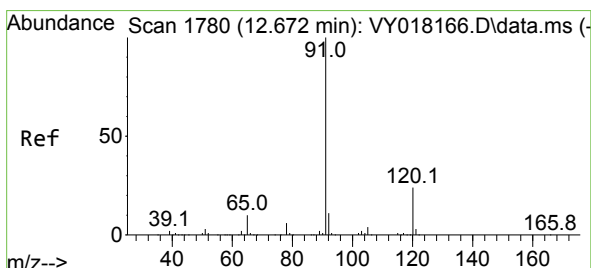
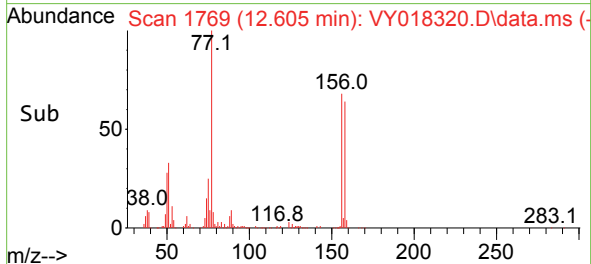
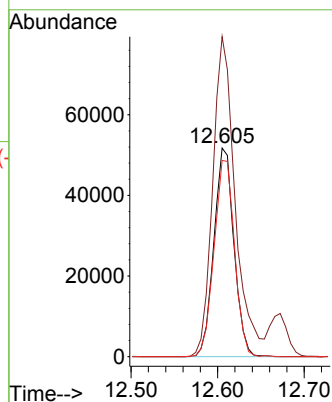
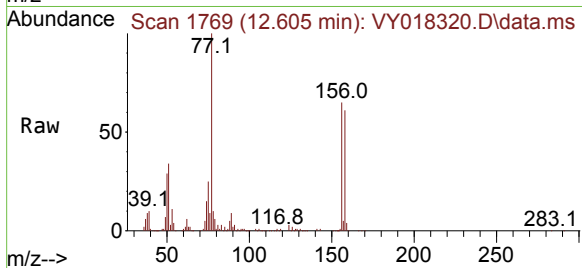




#77
Bromobenzene
Concen: 42.989 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

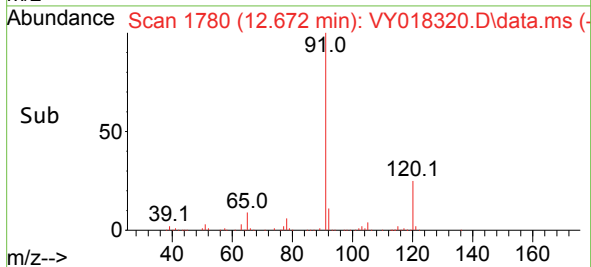
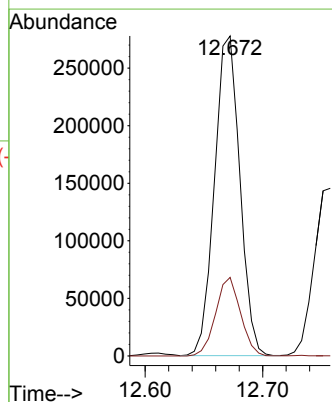
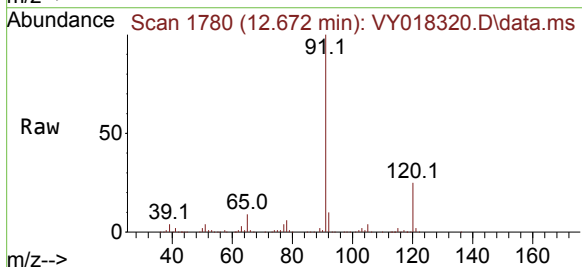
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

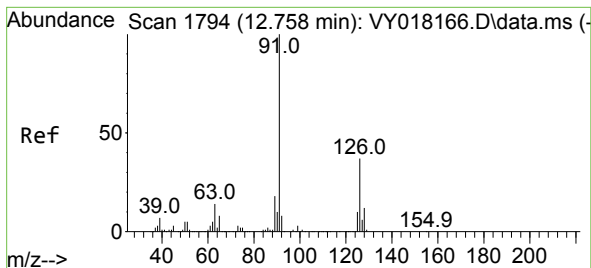
Tgt Ion:156 Resp: 83124
Ion Ratio Lower Upper
156 100
77 171.8 87.1 261.3
158 96.4 48.6 145.9



#78
n-propylbenzene
Concen: 42.515 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 91 Resp: 416220
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 42.253 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

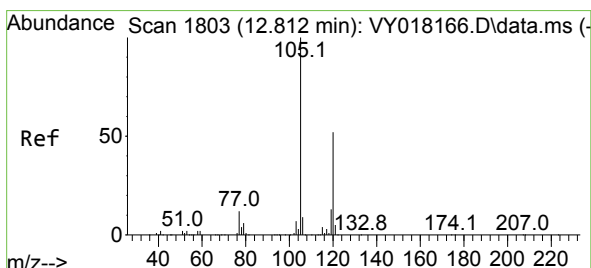
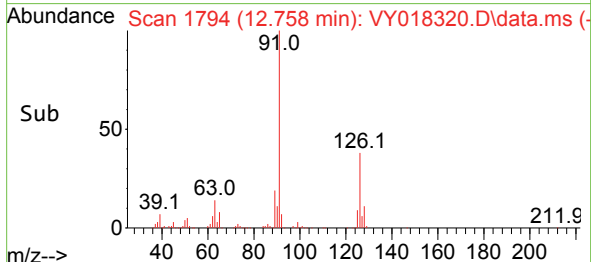
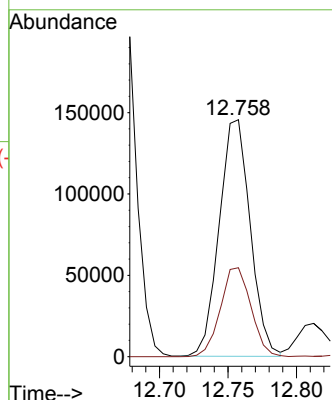
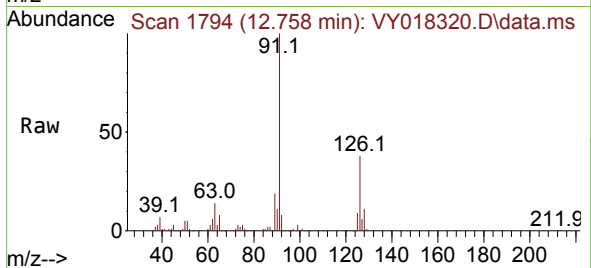
VSTDCCC050EC

Tgt Ion: 91 Resp: 229867

Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 42.611 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018320.D

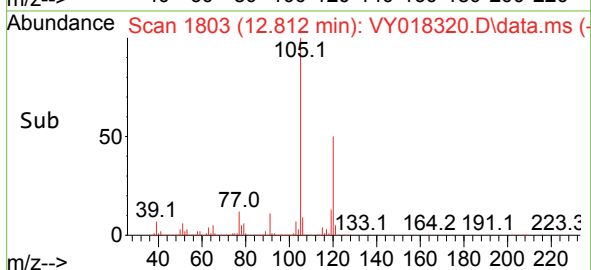
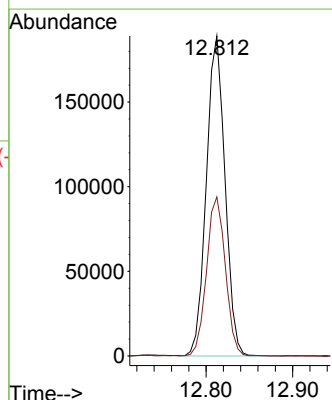
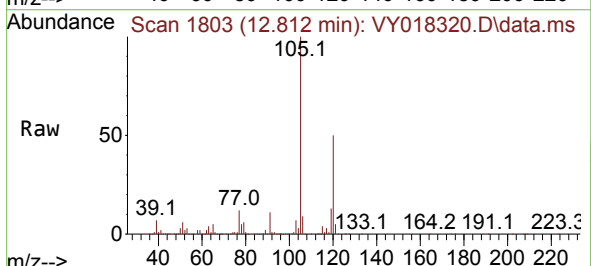
Acq: 17 May 2024 19:56

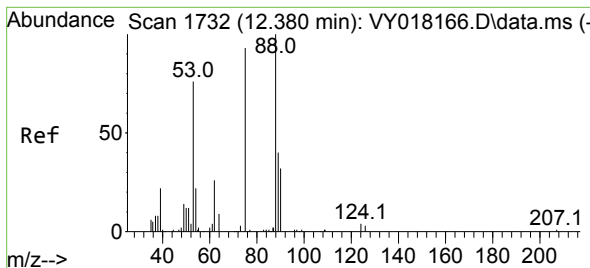
Tgt Ion:105 Resp: 282804

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.2

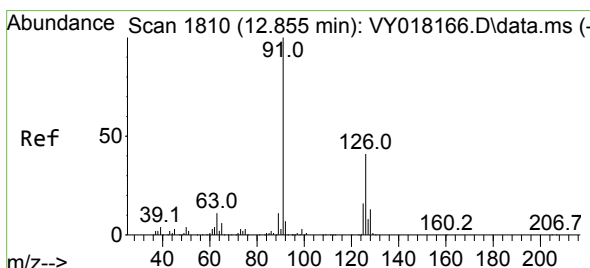
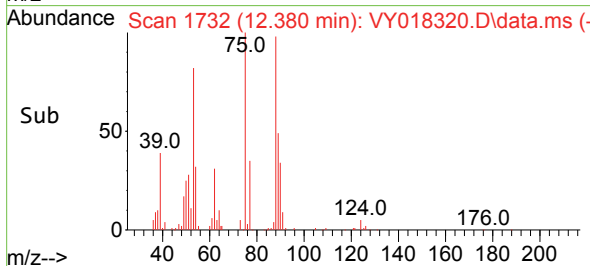
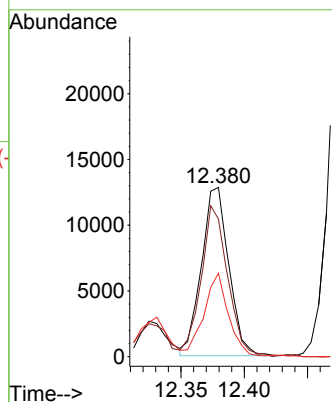
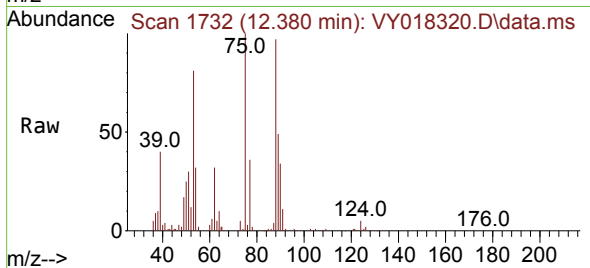




#81
trans-1,4-Dichloro-2-butene
Concen: 41.298 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

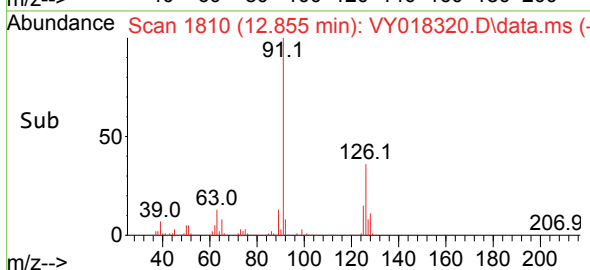
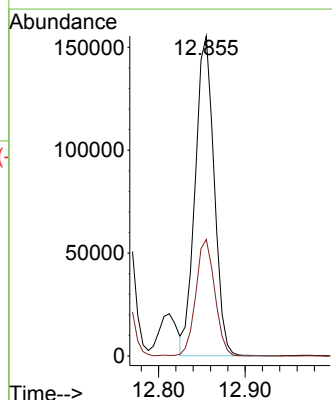
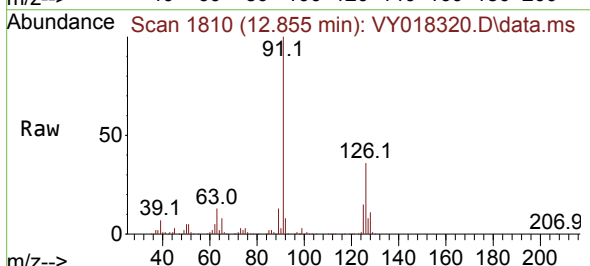
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

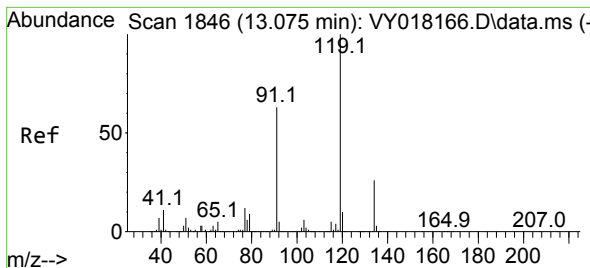
Tgt Ion: 75 Resp: 19261
Ion Ratio Lower Upper
75 100
53 87.0 66.8 100.2
89 44.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 43.083 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 91 Resp: 235431
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 43.102 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

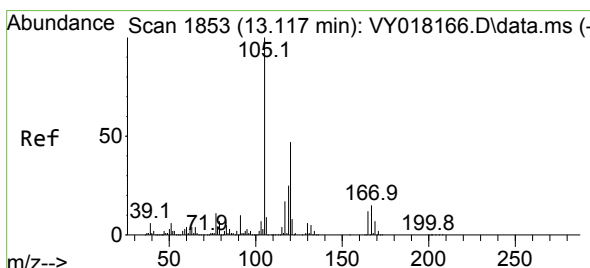
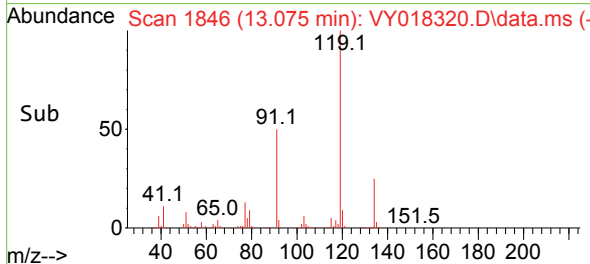
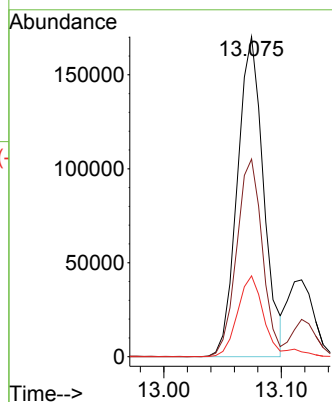
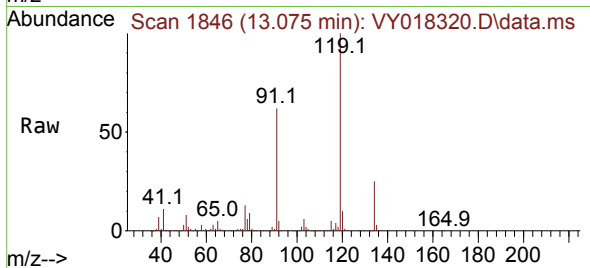
Tgt Ion:119 Resp: 263859

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 43.171 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018320.D

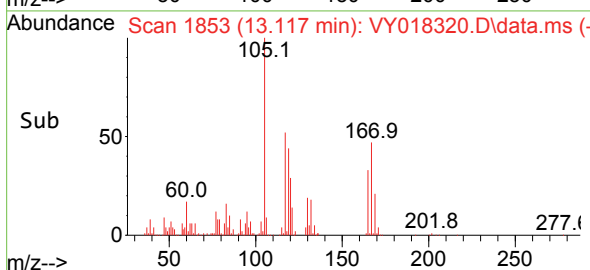
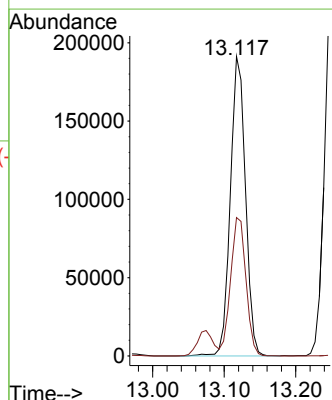
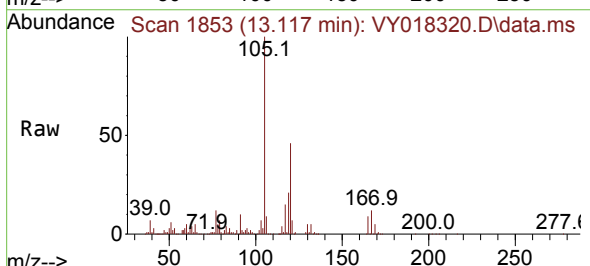
Acq: 17 May 2024 19:56

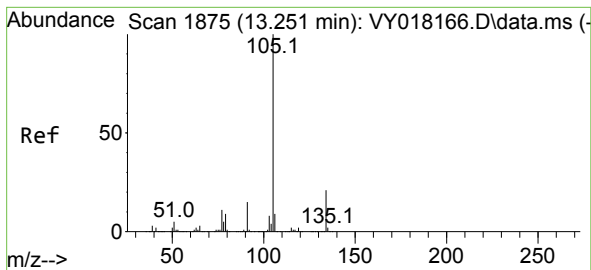
Tgt Ion:105 Resp: 280667

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 41.840 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

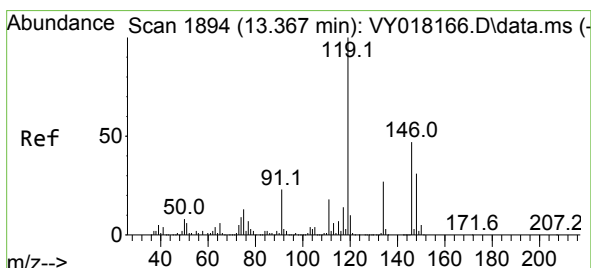
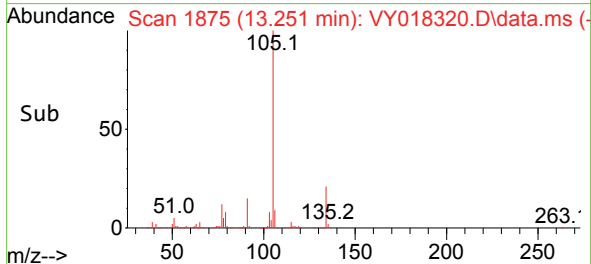
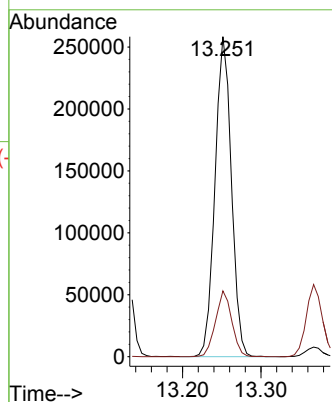
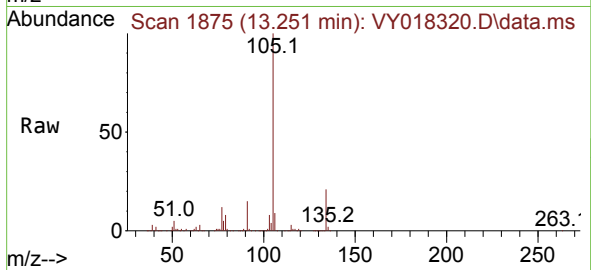
VSTDCCC050EC

Tgt Ion:105 Resp: 375706

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 41.893 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

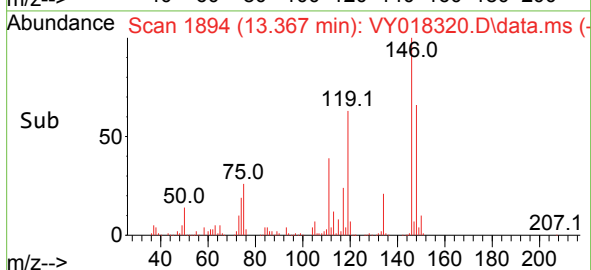
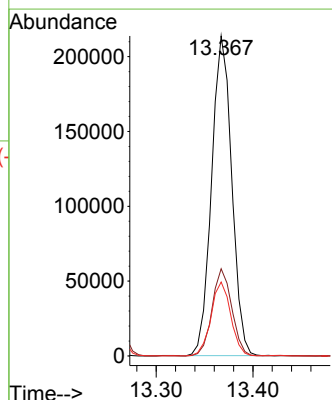
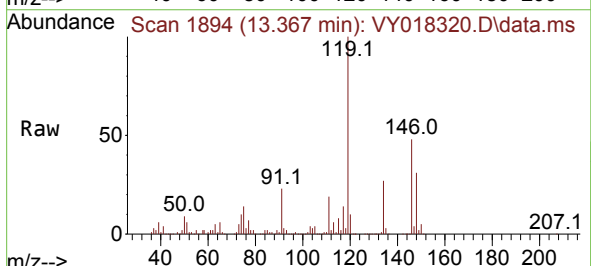
Tgt Ion:119 Resp: 309465

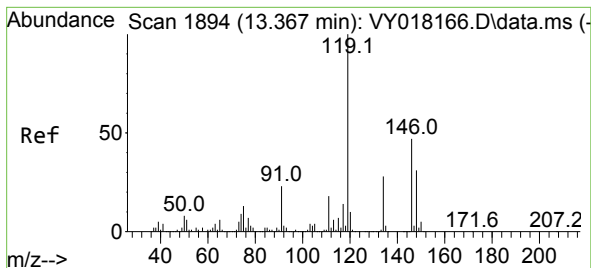
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 42.708 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

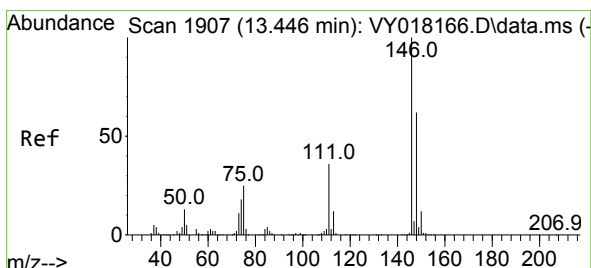
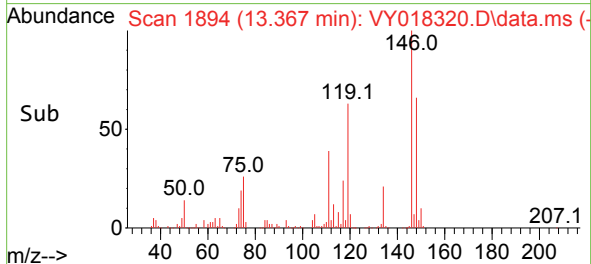
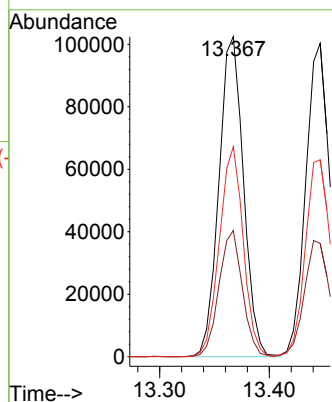
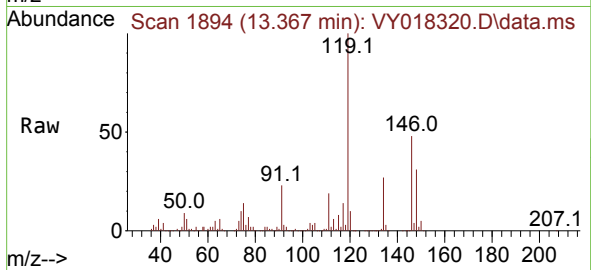
Tgt Ion:146 Resp: 159480

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 42.602 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

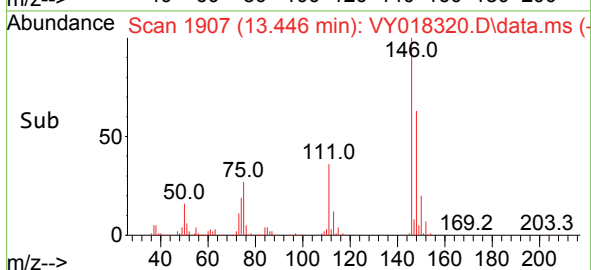
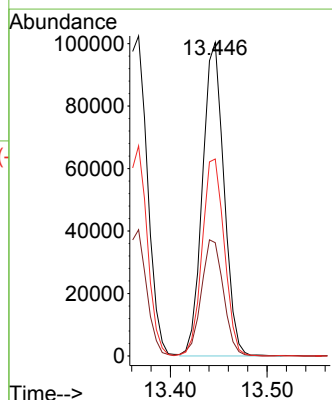
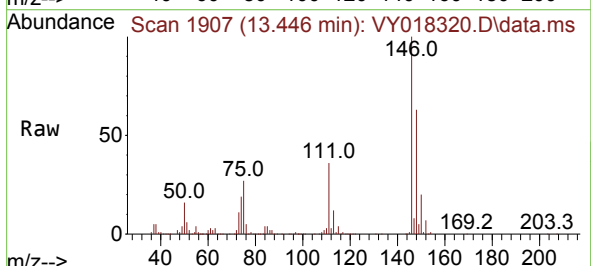
Tgt Ion:146 Resp: 155085

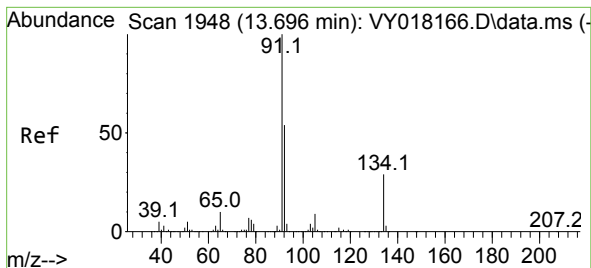
Ion Ratio Lower Upper

146 100

111 38.3 18.4 55.4

148 64.9 32.4 97.2

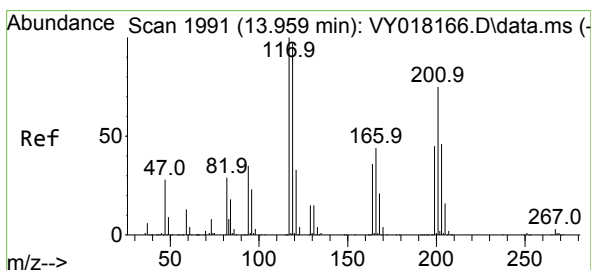
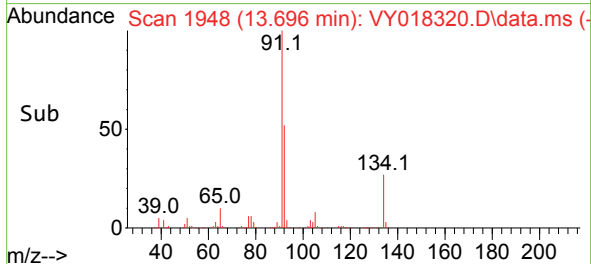
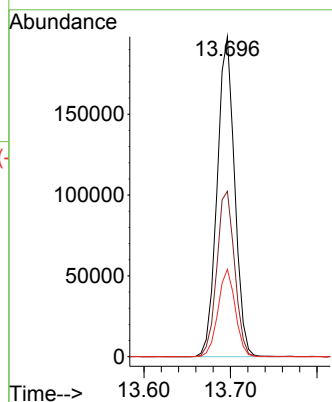
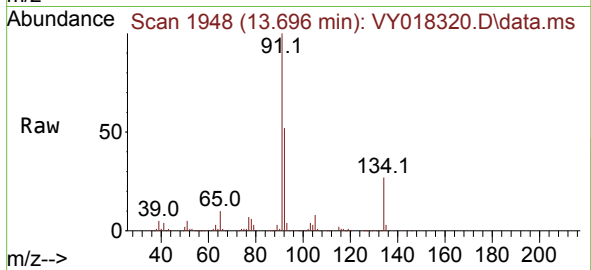




#89
n-Butylbenzene
Concen: 41.493 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

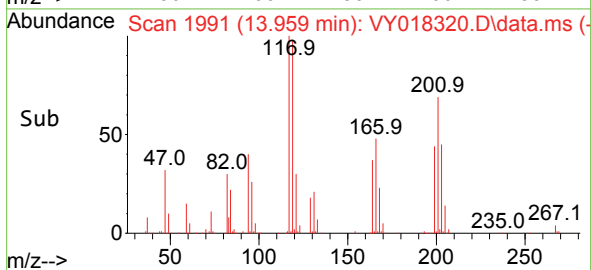
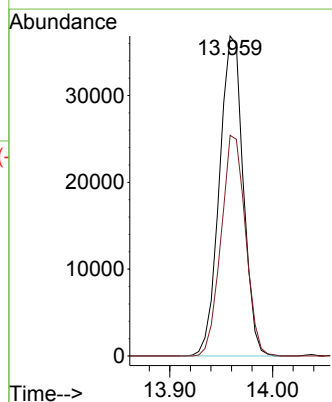
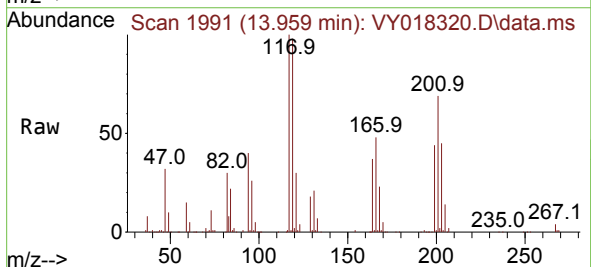
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

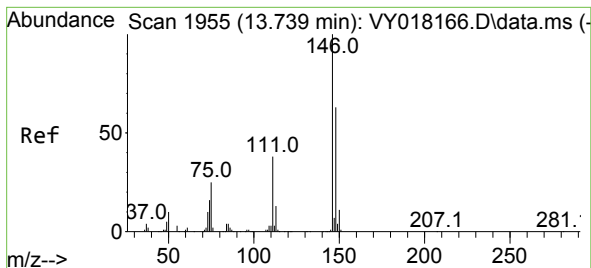
Tgt Ion: 91 Resp: 277396
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 26.9 12.9 38.7



#90
Hexachloroethane
Concen: 40.882 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018320.D
Acq: 17 May 2024 19:56

Tgt Ion: 117 Resp: 59247
Ion Ratio Lower Upper
117 100
201 70.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 43.707 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

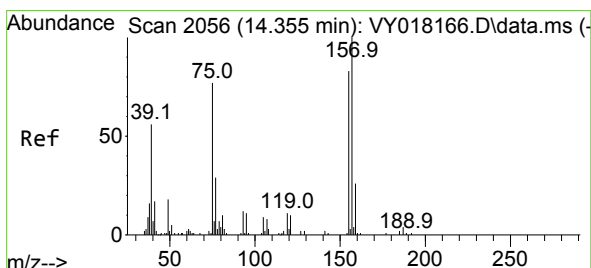
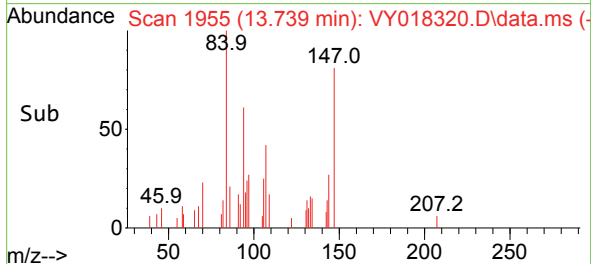
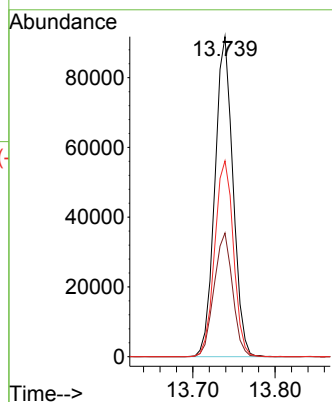
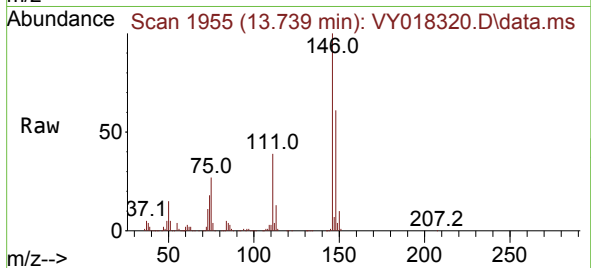
Tgt Ion:146 Resp: 140283

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.139 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

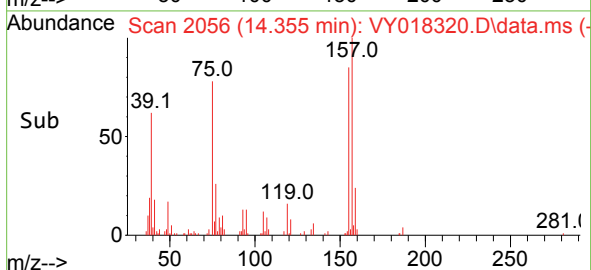
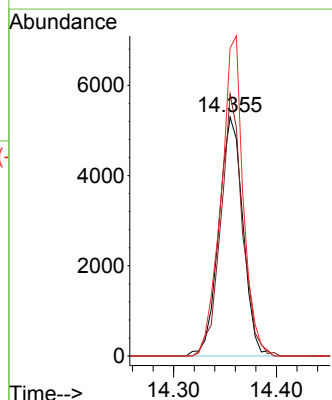
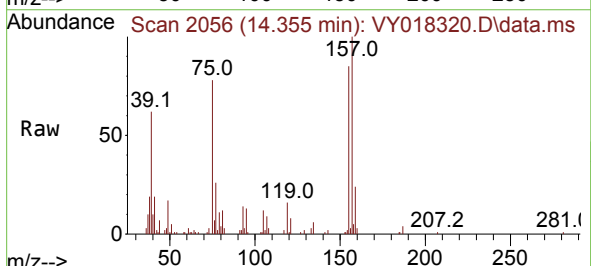
Tgt Ion: 75 Resp: 8618

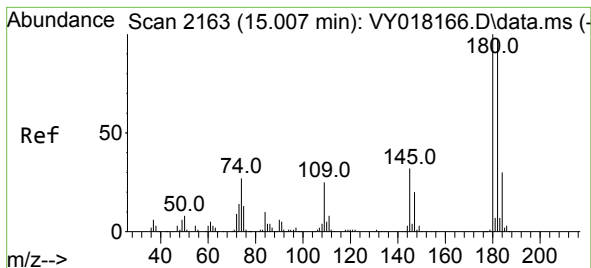
Ion Ratio Lower Upper

75 100

155 98.7 48.6 145.8

157 122.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 42.197 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

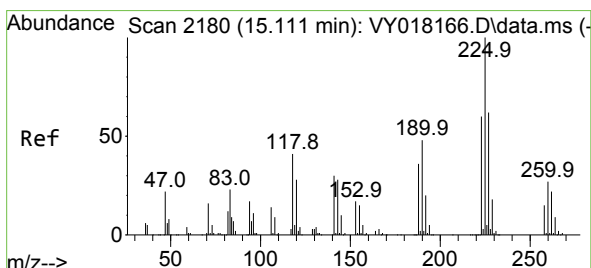
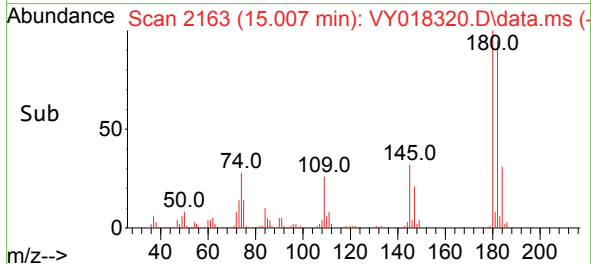
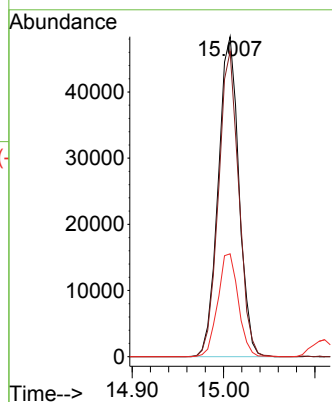
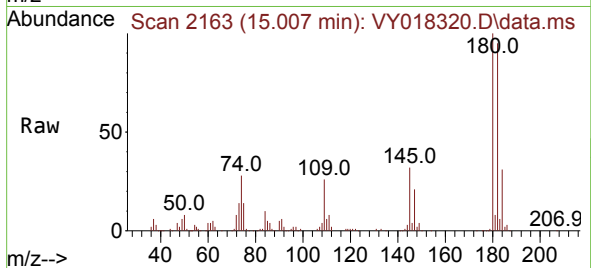
Tgt Ion:180 Resp: 76139

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 31.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.407 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

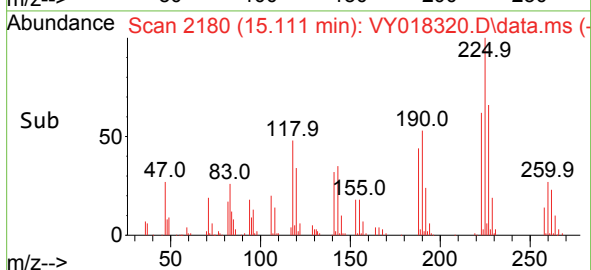
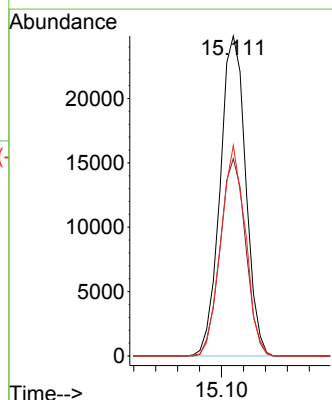
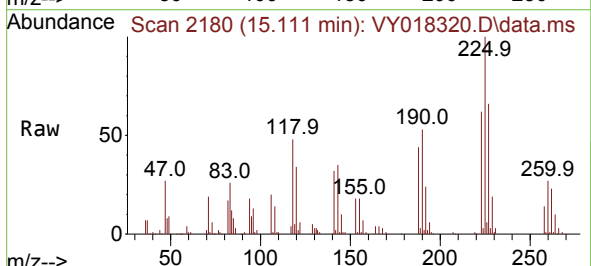
Tgt Ion:225 Resp: 40227

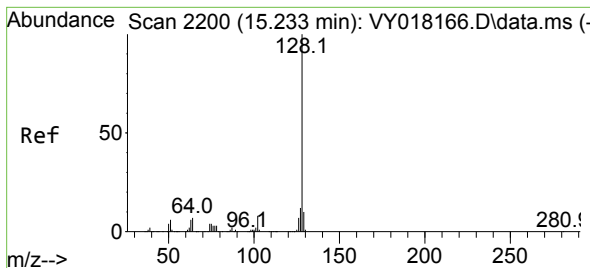
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 47.381 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

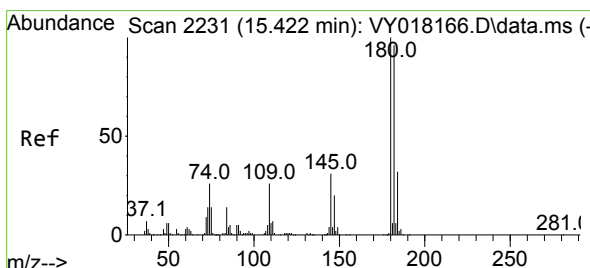
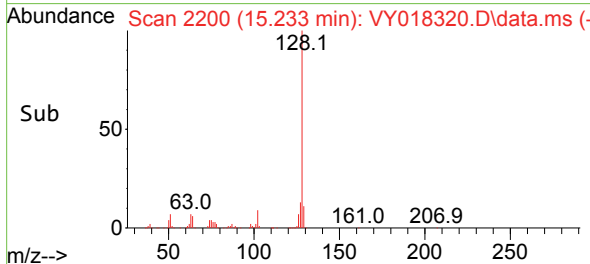
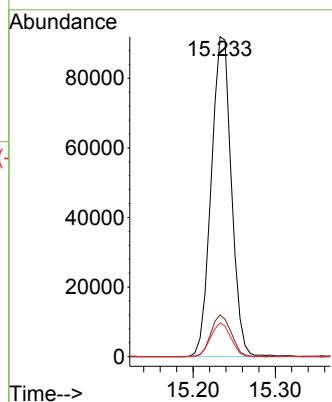
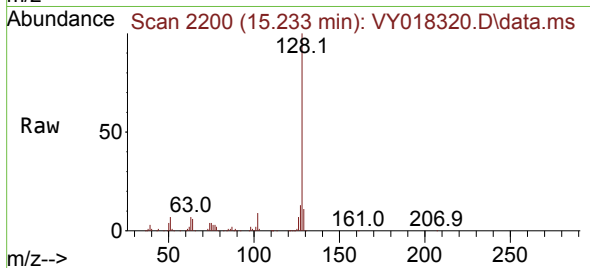
Tgt Ion:128 Resp: 156659

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.848 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018320.D

Acq: 17 May 2024 19:56

Tgt Ion:180 Resp: 66410

Ion Ratio Lower Upper

180 100

182 93.0 47.6 142.9

145 33.4 15.4 46.1

