

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018344.D
 Acq On : 22 May 2024 13:07
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: May 23 01:26:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:24:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	140364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	13580	10.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.420%#
35) Dibromofluoromethane	7.703	113	13144	9.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.040%#
50) Toluene-d8	10.172	98	54171	9.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.060%#
62) 4-Bromofluorobenzene	12.477	95	17177	9.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	11882	9.918	ug/l	90
3) Chloromethane	2.101	50	19731	10.134	ug/l	100
4) Vinyl Chloride	2.241	62	21327	9.792	ug/l	97
5) Bromomethane	2.637	94	15144	9.725	ug/l	99
6) Chloroethane	2.783	64	14343	10.145	ug/l	95
7) Trichlorofluoromethane	3.119	101	24591	10.061	ug/l	97
8) Diethyl Ether	3.515	74	8031	10.290	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	15764	10.454	ug/l	94
10) Methyl Iodide	4.076	142	14358	9.468	ug/l	97
11) Tert butyl alcohol	4.911	59	4665	29.213	ug/l #	88
12) 1,1-Dichloroethene	3.856	96	14535	9.787	ug/l	91
13) Acrolein	3.716	56	6252	44.554	ug/l	96
14) Allyl chloride	4.472	41	21301	10.269	ug/l	93
15) Acrylonitrile	5.149	53	18320	54.269	ug/l	97
16) Acetone	3.936	43	13061	47.753	ug/l #	78
17) Carbon Disulfide	4.180	76	38384	9.255	ug/l #	85
18) Methyl Acetate	4.466	43	7764	10.710	ug/l	96
19) Methyl tert-butyl Ether	5.198	73	36737	10.316	ug/l	97
20) Methylene Chloride	4.698	84	21268	9.593	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	15292	9.760	ug/l	89
22) Diisopropyl ether	6.100	45	45969	10.665	ug/l #	86
23) Vinyl Acetate	6.045	43	140757	50.998	ug/l	95
24) 1,1-Dichloroethane	6.008	63	27011	10.218	ug/l	94
25) 2-Butanone	6.978	43	22617	52.181	ug/l	94
26) 2,2-Dichloropropane	6.972	77	24324	10.644	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	18137	9.851	ug/l	92
28) Bromochloromethane	7.331	49	10040	11.183	ug/l #	76
29) Tetrahydrofuran	7.344	42	15665	54.909	ug/l	86
30) Chloroform	7.496	83	28421	10.548	ug/l	97
31) Cyclohexane	7.783	56	27316	9.640	ug/l #	93
32) 1,1,1-Trichloroethane	7.697	97	23632	9.993	ug/l	96
36) 1,1-Dichloropropene	7.911	75	20960	9.915	ug/l	97
37) Ethyl Acetate	7.063	43	10835	10.714	ug/l #	94
38) Carbon Tetrachloride	7.892	117	20719	9.569	ug/l	95
39) Methylcyclohexane	9.179	83	28678	9.725	ug/l	94
40) Benzene	8.148	78	64567	10.019	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	3843	6.873	ug/l #	75
42) 1,2-Dichloroethane	8.234	62	15744	10.157	ug/l	94
43) Isopropyl Acetate	8.270	43	19664	9.966	ug/l #	85
44) Trichloroethene	8.935	130	15347	9.291	ug/l	85
45) 1,2-Dichloropropane	9.209	63	14947	10.313	ug/l	97
46) Dibromomethane	9.307	93	8218	9.663	ug/l	94
47) Bromodichloromethane	9.490	83	20272	9.822	ug/l	92
48) Methyl methacrylate	9.288	41	9000	10.084	ug/l	89
49) 1,4-Dioxane	9.294	88	2183	197.834	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	49951	50.162	ug/l	96
52) Toluene	10.239	92	40353	9.989	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	18146	9.616	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	22862	9.887	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	11236	9.972	ug/l #	88
56) Ethyl methacrylate	10.508	69	15305	9.903	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	19747	10.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	38942	55.764	ug/l	96
59) 2-Hexanone	10.831	43	34491	50.337	ug/l	92
60) Dibromochloromethane	10.977	129	12596	9.255	ug/l	97
61) 1,2-Dibromoethane	11.087	107	10349	9.954	ug/l	99
64) Tetrachloroethene	10.715	164	14907	9.753	ug/l	91
65) Chlorobenzene	11.514	112	43112	9.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	12977	9.217	ug/l	95
67) Ethyl Benzene	11.587	91	75291	9.633	ug/l	99
68) m/p-Xylenes	11.696	106	56976	18.945	ug/l	98
69) o-Xylene	12.026	106	27128	9.558	ug/l	97
70) Styrene	12.038	104	43710	9.317	ug/l	96
71) Bromoform	12.202	173	6382	8.569	ug/l #	95
73) Isopropylbenzene	12.324	105	71785	9.826	ug/l	100
74) N-amyl acetate	12.141	43	17312	10.157	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	13268	10.659	ug/l	95
76) 1,2,3-Trichloropropane	12.629	75	15854	18.346	ug/l #	100
77) Bromobenzene	12.605	156	14791	9.244	ug/l	91
78) n-propylbenzene	12.666	91	88901	10.163	ug/l	96
79) 2-Chlorotoluene	12.751	91	48141	10.165	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	55997	9.754	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	4093	10.081	ug/l	99
82) 4-Chlorotoluene	12.855	91	47204	9.831	ug/l	100
83) tert-Butylbenzene	13.074	119	52096	9.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	54299	9.617	ug/l	98
85) sec-Butylbenzene	13.251	105	78891	10.052	ug/l	99
86) p-Isopropyltoluene	13.367	119	63748	9.930	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	29059	9.223	ug/l	95
88) 1,4-Dichlorobenzene	13.440	146	30981	9.879	ug/l	96
89) n-Butylbenzene	13.696	91	59862	9.923	ug/l	98
90) Hexachloroethane	13.958	117	10646	8.980	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	26135	9.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1712	10.027	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	13895	8.923	ug/l	94
94) Hexachlorobutadiene	15.110	225	6726	8.440	ug/l	94
95) Naphthalene	15.232	128	26658	8.705	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	11294	8.530	ug/l	97

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QLast Update : Thu May 23 01:24:34 2024
Response via : Initial Calibration

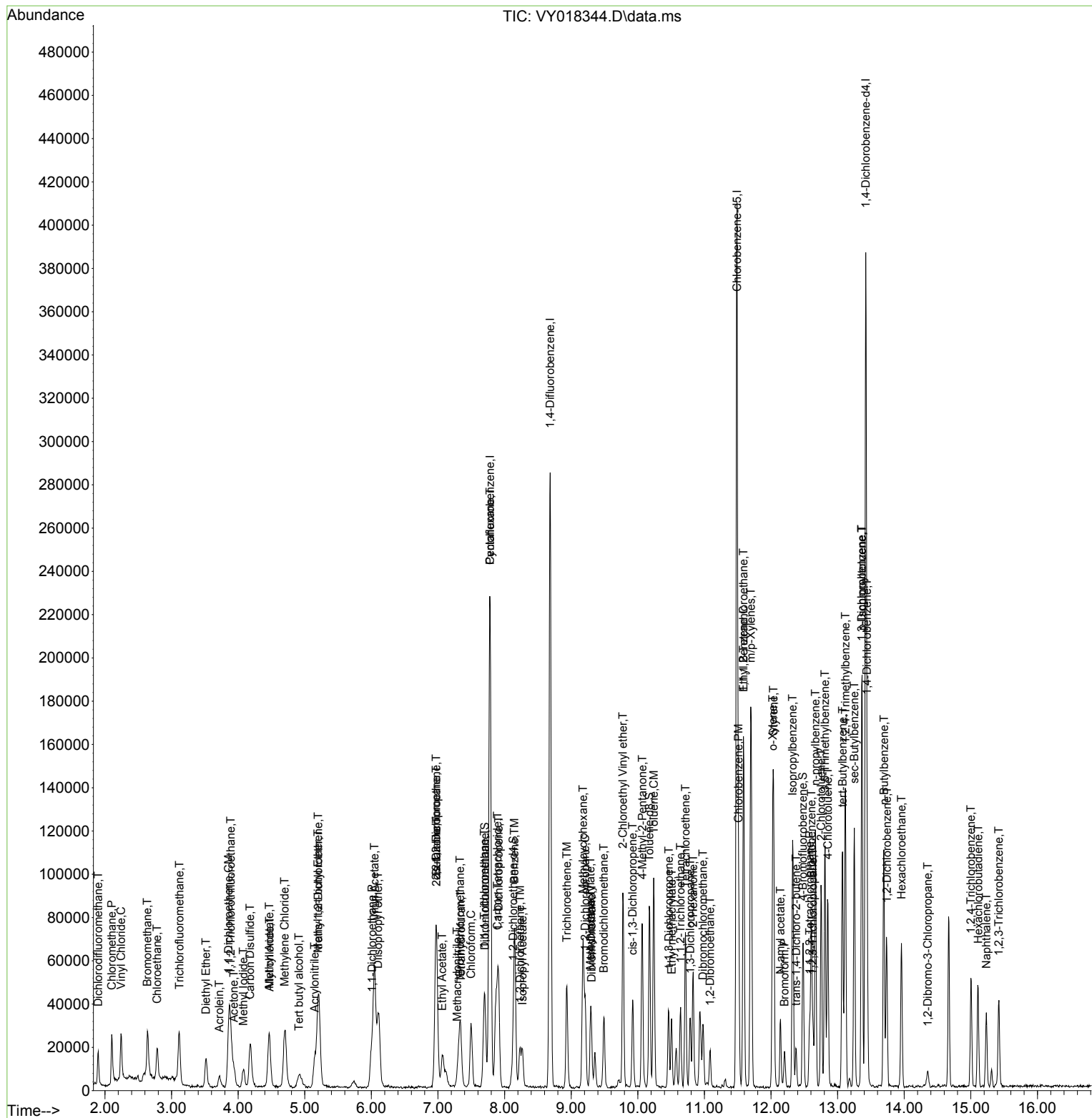
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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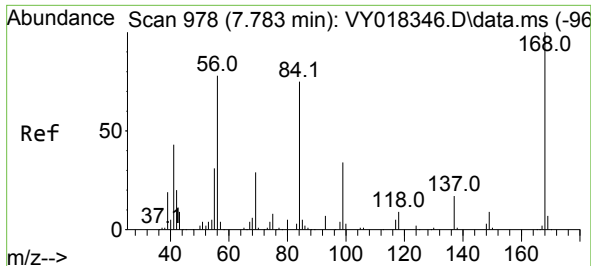
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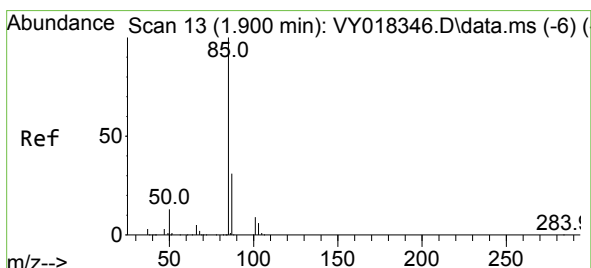
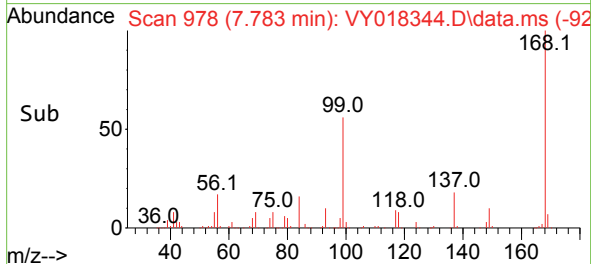
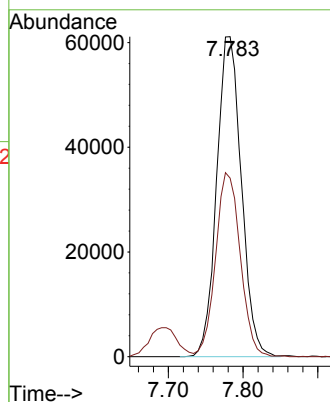
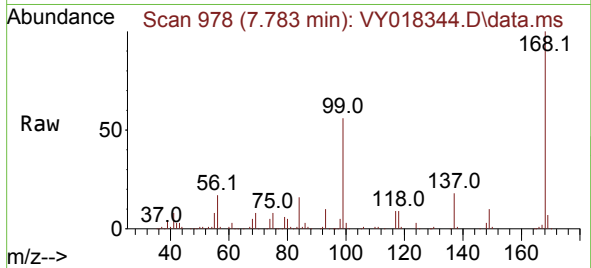




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018344.D
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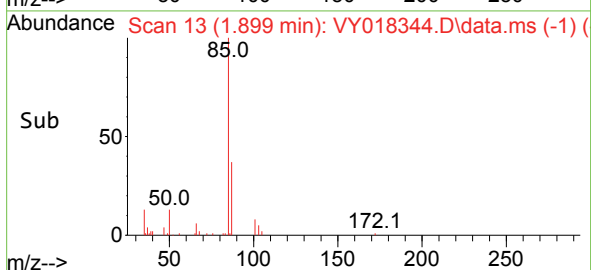
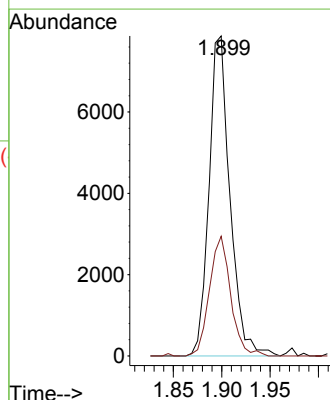
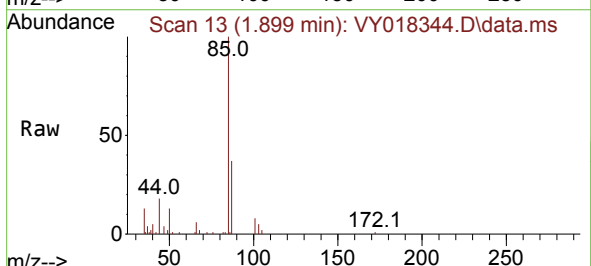
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

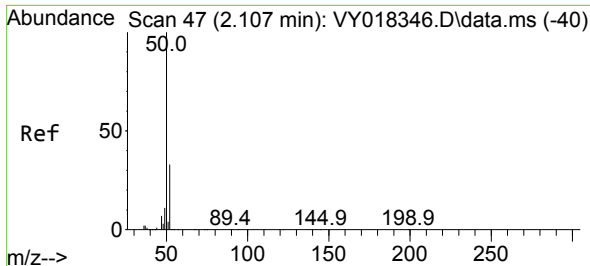
Tgt Ion:168 Resp: 140364
Ion Ratio Lower Upper
168 100
99 55.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 9.918 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 85 Resp: 11882
Ion Ratio Lower Upper
85 100
87 37.4 16.0 48.0

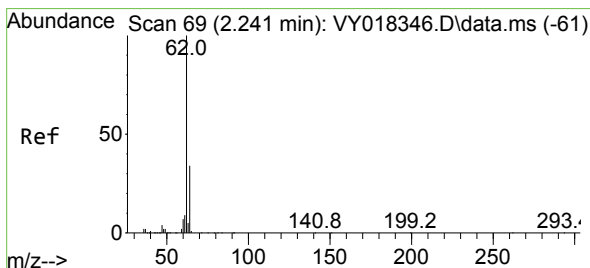
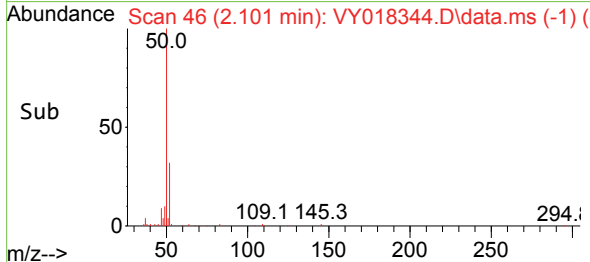
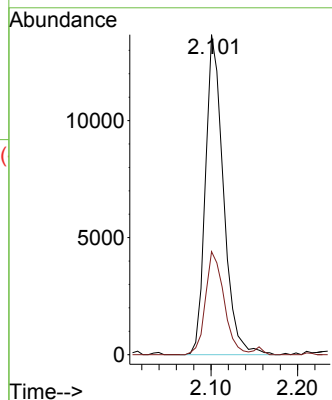
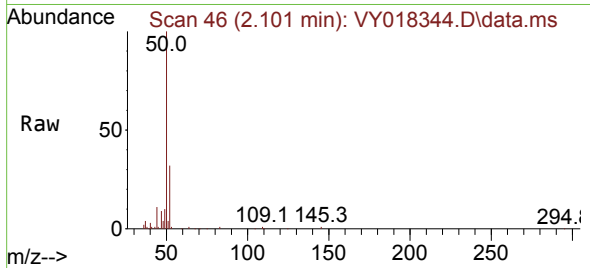




#3
Chloromethane
Concen: 10.134 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

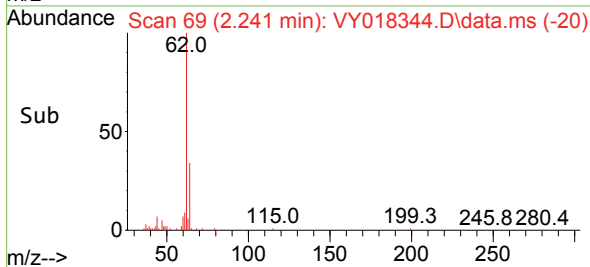
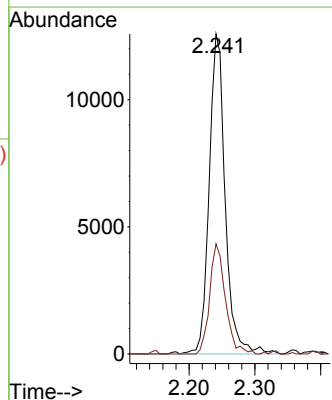
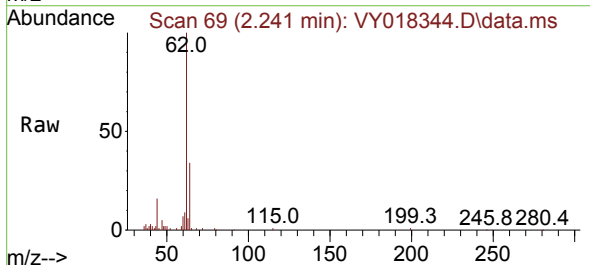
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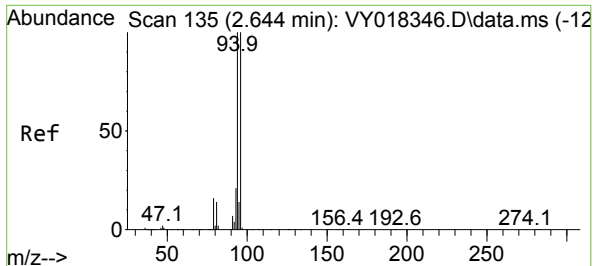
Tgt Ion: 50 Resp: 19731
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 9.792 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 62 Resp: 21327
Ion Ratio Lower Upper
62 100
64 34.4 26.1 39.1

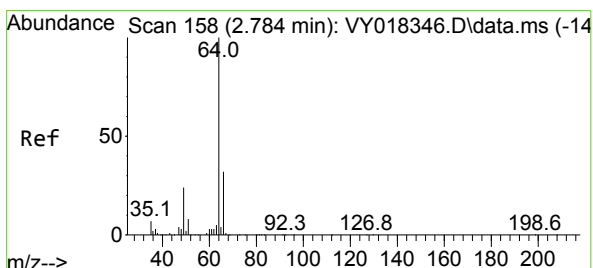
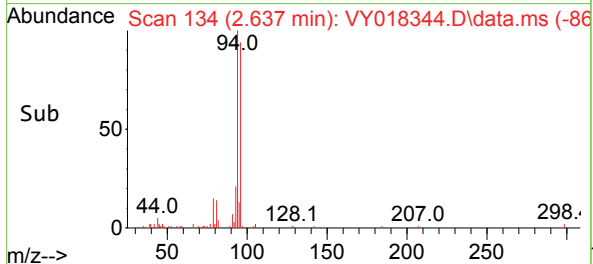
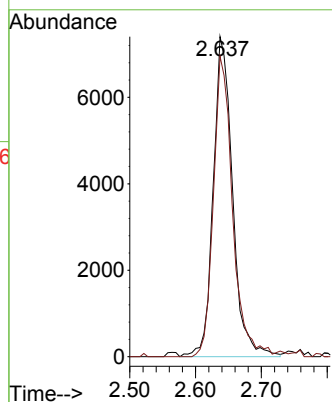
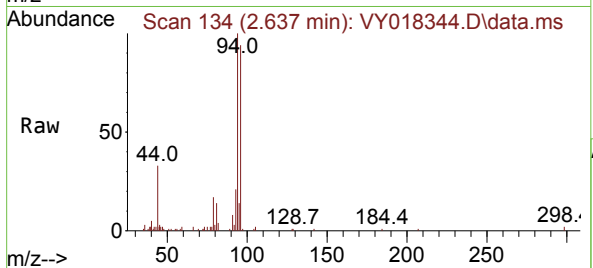




#5
Bromomethane
Concen: 9.725 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018344.D
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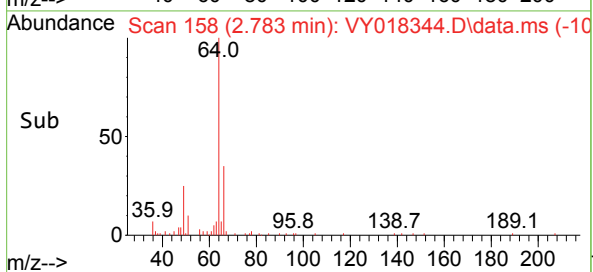
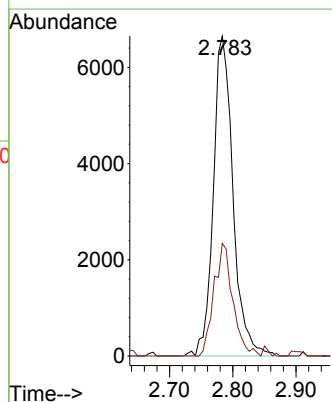
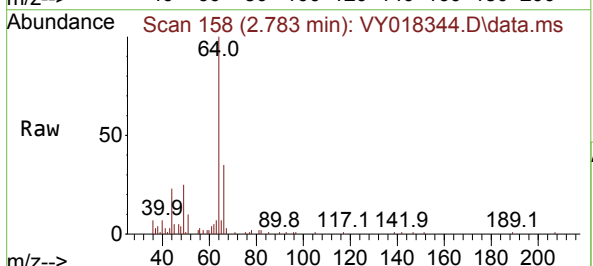
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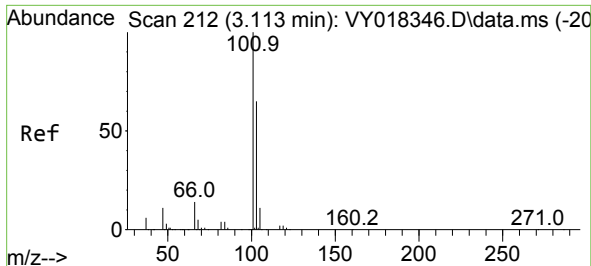
Tgt Ion: 94 Resp: 15144
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 10.145 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 14343
Ion Ratio Lower Upper
64 100
66 35.2 26.1 39.1

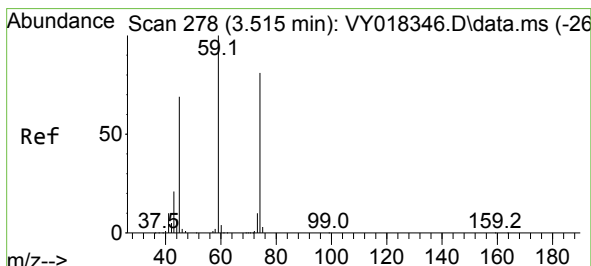
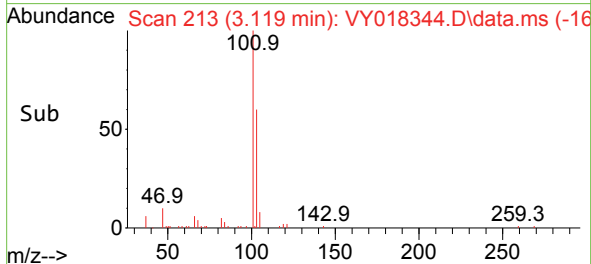
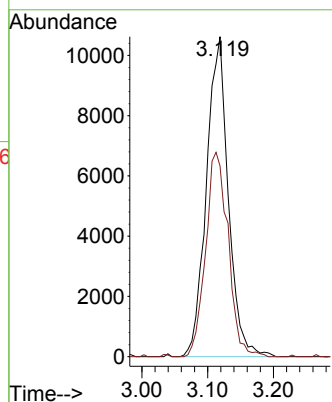
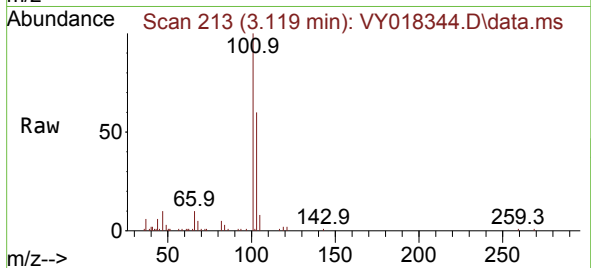




#7
Trichlorofluoromethane
Concen: 10.061 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

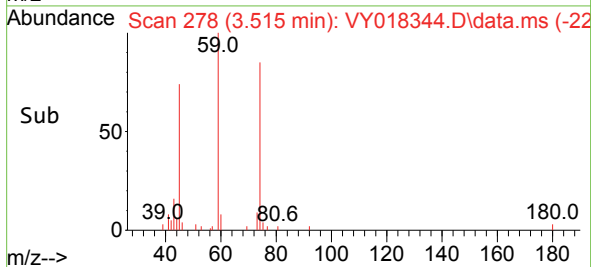
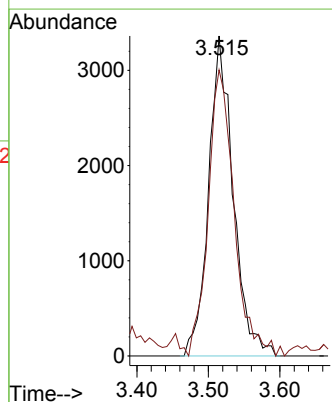
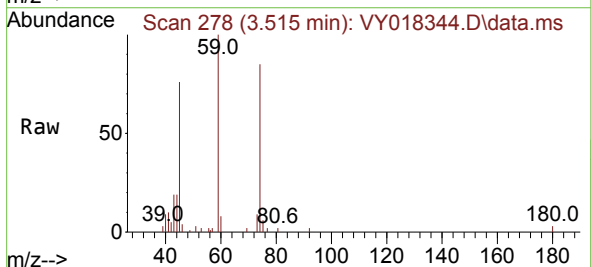
Instrument :
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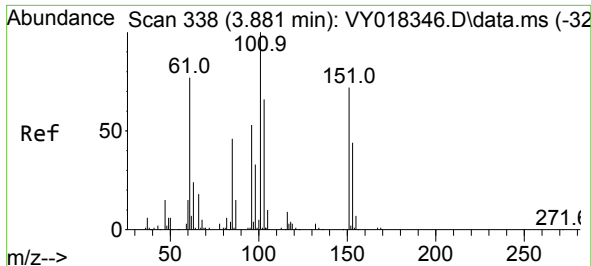
Tgt Ion:101 Resp: 24591
Ion Ratio Lower Upper
101 100
103 59.6 49.3 73.9



#8
Diethyl Ether
Concen: 10.290 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 74 Resp: 8031
Ion Ratio Lower Upper
74 100
45 94.4 41.3 124.1

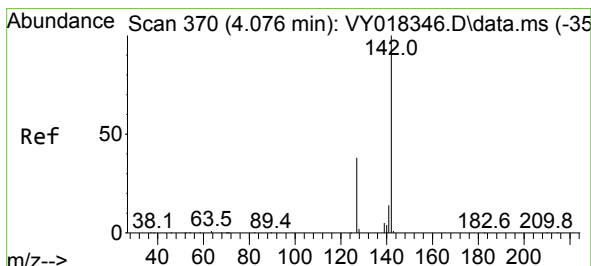
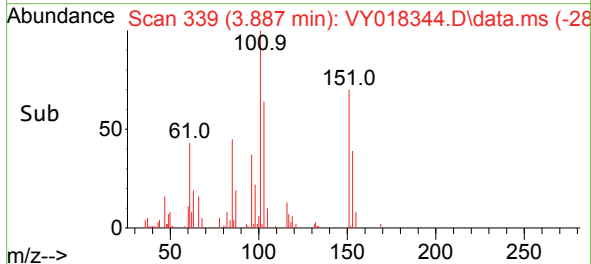
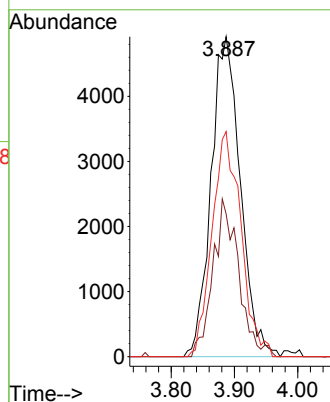
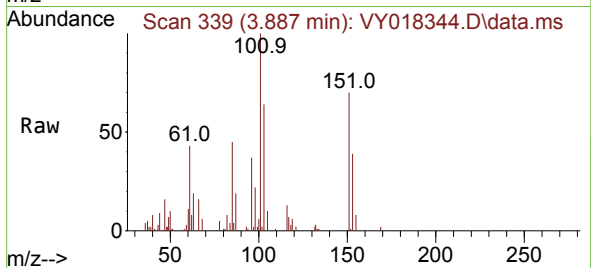




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.454 ug/l
RT: 3.887 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

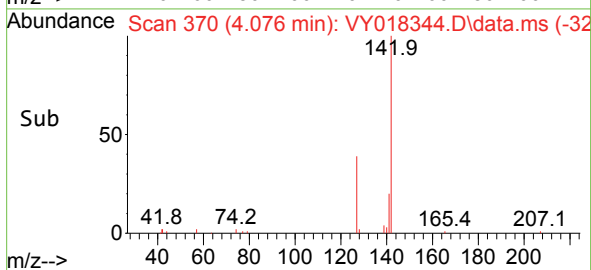
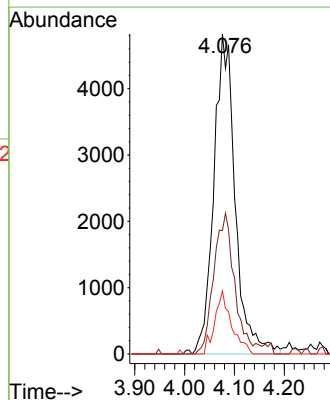
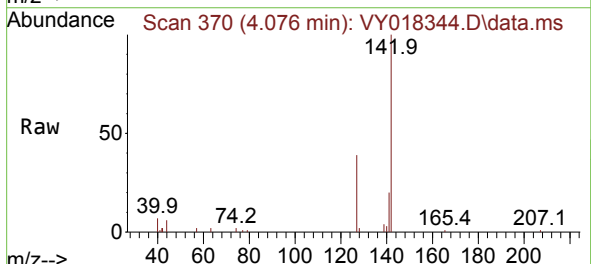
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

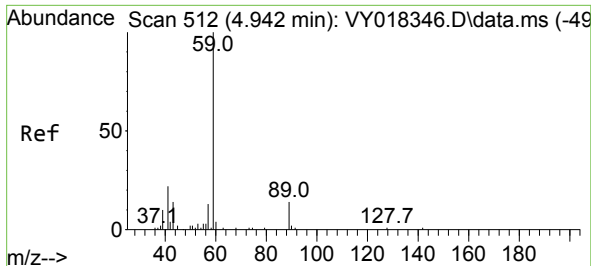
Tgt Ion:101 Resp: 15764
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 69.5 61.7 92.5



#10
Methyl Iodide
Concen: 9.468 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion:142 Resp: 14358
Ion Ratio Lower Upper
142 100
127 43.3 32.8 49.2
141 15.4 11.4 17.2

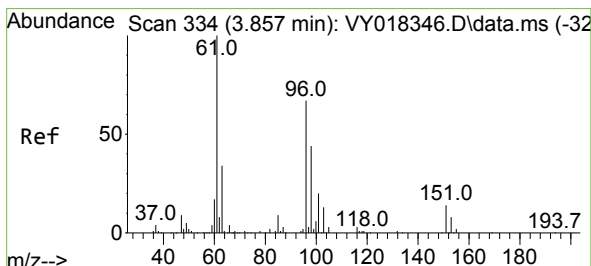
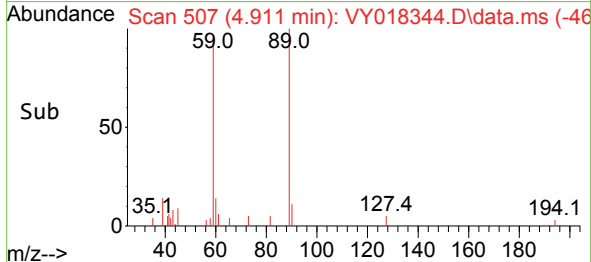
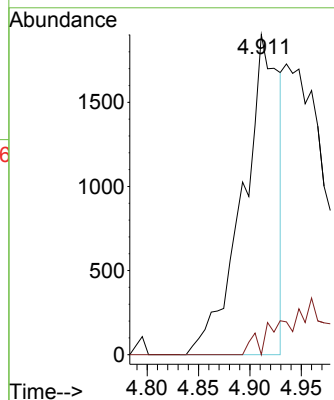
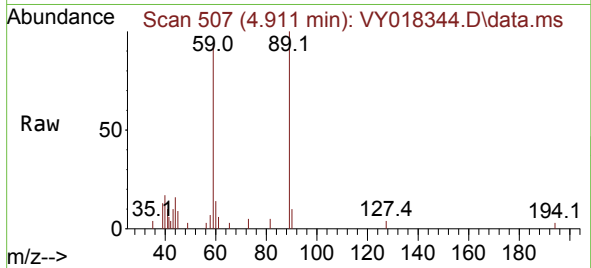




#11
Tert butyl alcohol
Concen: 29.213 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

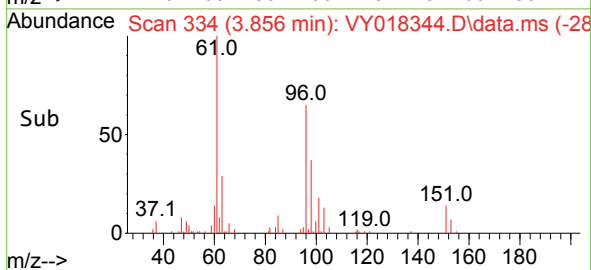
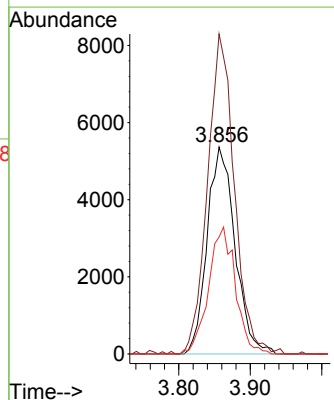
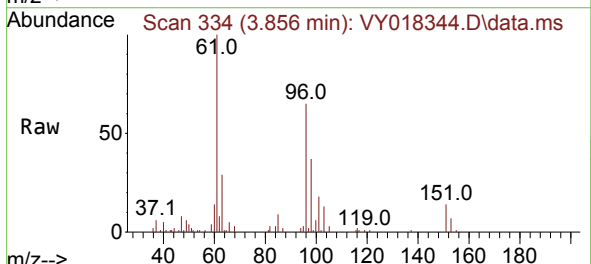
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

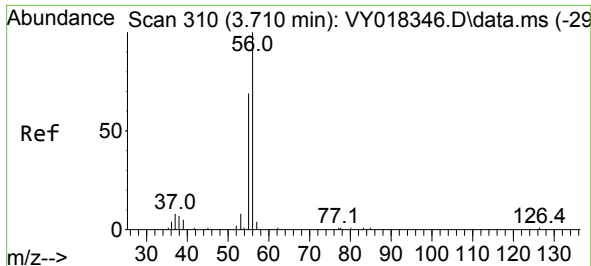
Tgt Ion: 59 Resp: 4665
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 9.787 ug/l
RT: 3.856 min Scan# 334
Delta R.T. -0.001 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 96 Resp: 14535
Ion Ratio Lower Upper
96 100
61 154.6 114.6 171.8
98 56.5 50.8 76.2

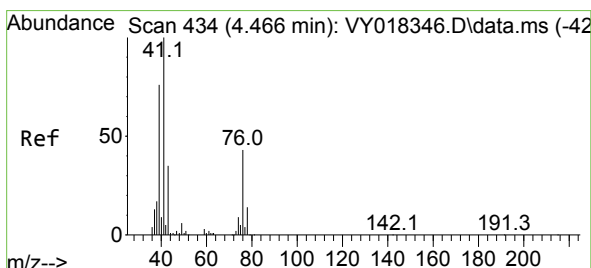
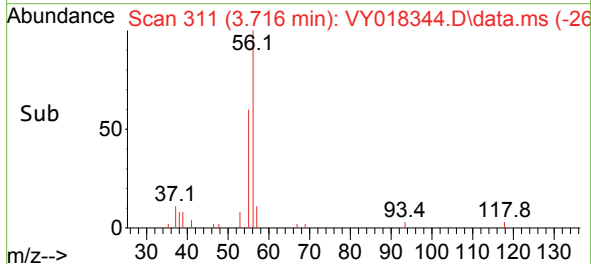
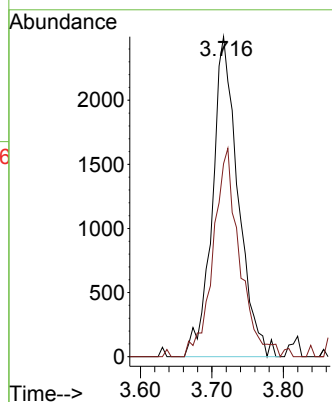
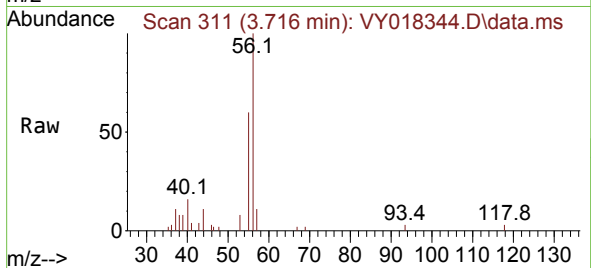




#13
Acrolein
Concen: 44.554 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

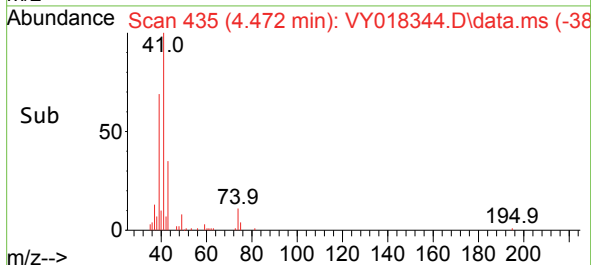
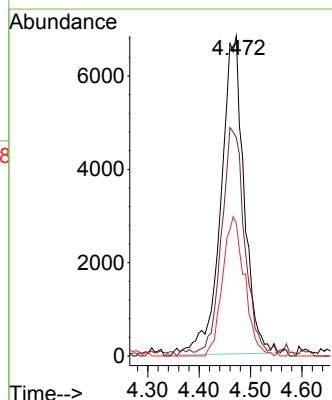
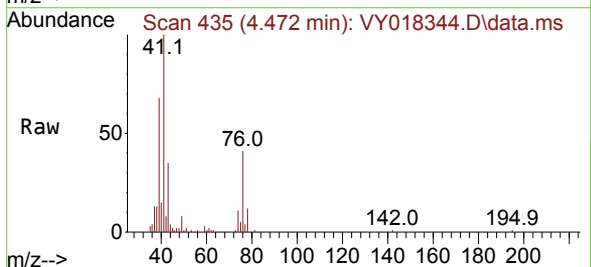
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

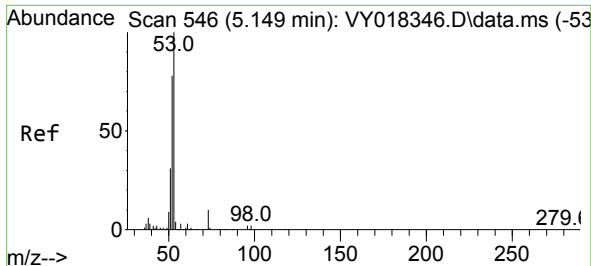
Tgt Ion: 56 Resp: 6252
Ion Ratio Lower Upper
56 100
55 66.6 55.7 83.5



#14
Allyl chloride
Concen: 10.269 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 41 Resp: 21301
Ion Ratio Lower Upper
41 100
39 69.1 58.3 87.5
76 41.8 39.0 58.6

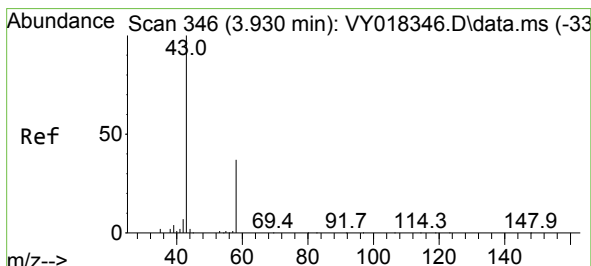
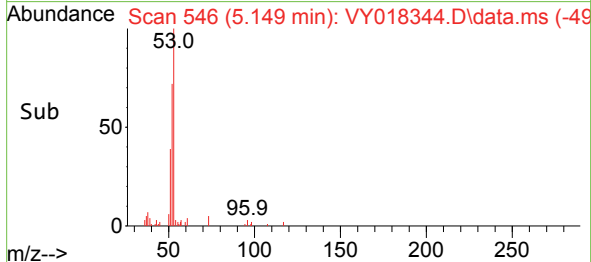
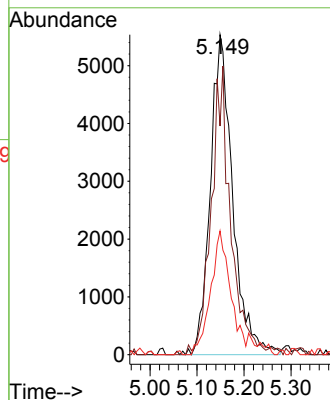
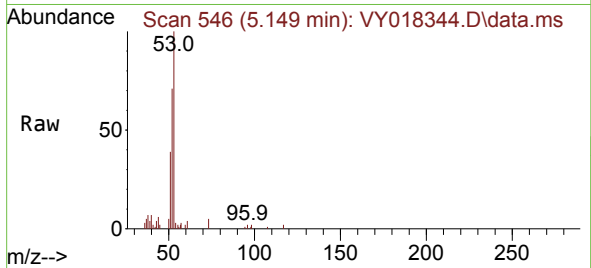




#15
Acrylonitrile
Concen: 54.269 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

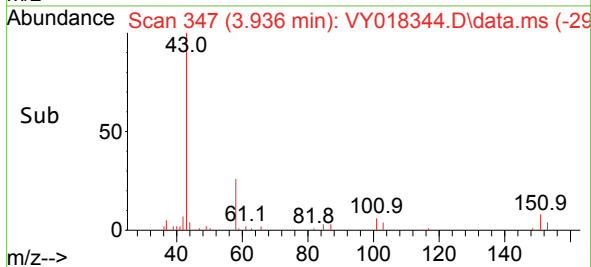
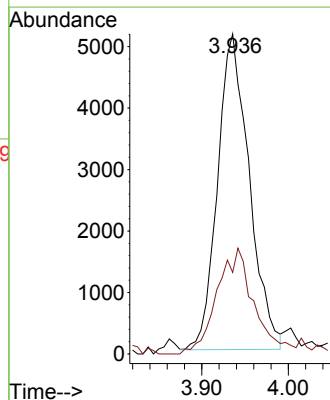
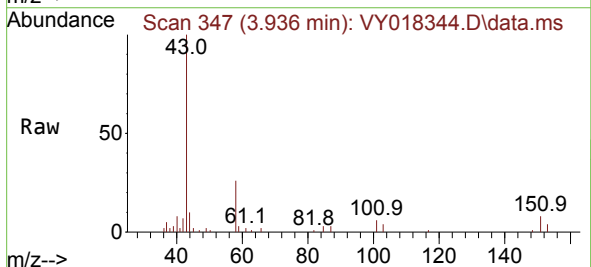
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

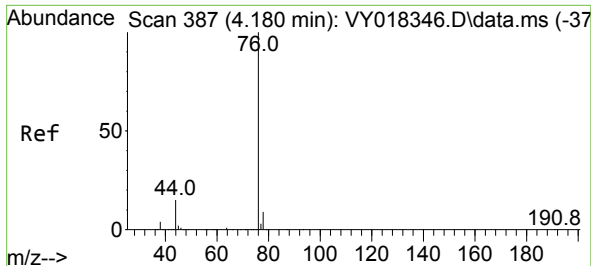
Tgt Ion: 53 Resp: 18320
Ion Ratio Lower Upper
53 100
52 77.4 64.7 97.1
51 34.2 28.4 42.6



#16
Acetone
Concen: 47.753 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 43 Resp: 13061
Ion Ratio Lower Upper
43 100
58 25.9 31.7 47.5#

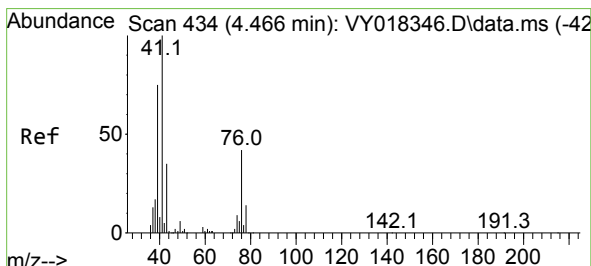
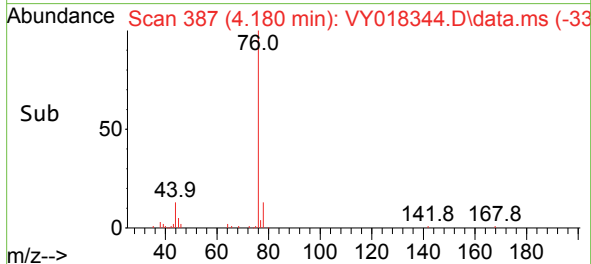
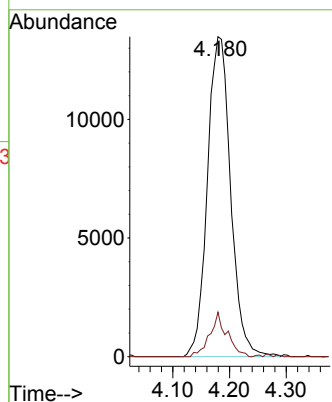
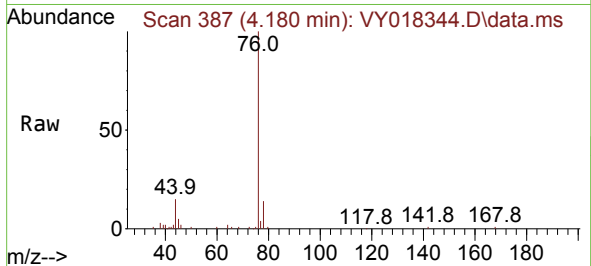




#17
Carbon Disulfide
Concen: 9.255 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

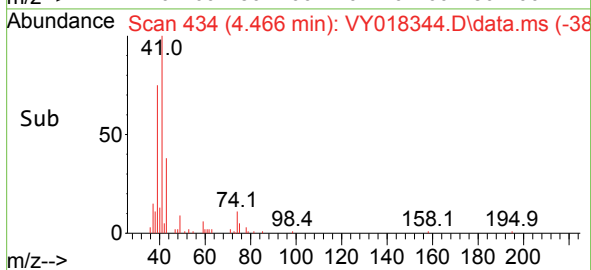
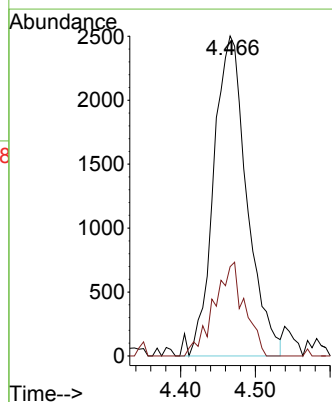
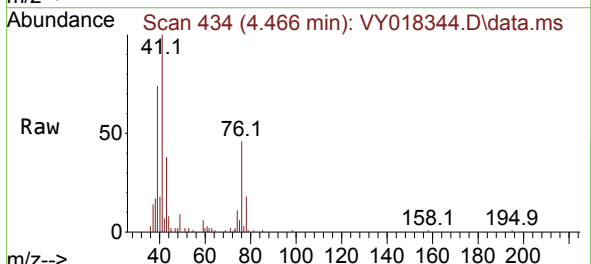
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

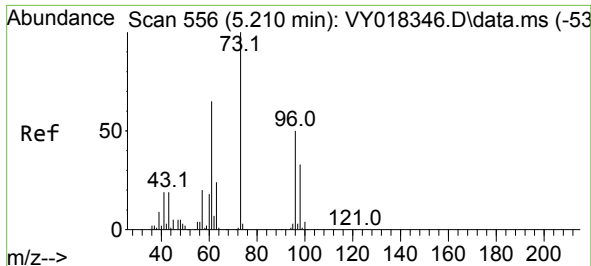
Tgt Ion: 76 Resp: 38384
Ion Ratio Lower Upper
76 100
78 13.9 6.8 10.2#



#18
Methyl Acetate
Concen: 10.710 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 43 Resp: 7764
Ion Ratio Lower Upper
43 100
74 26.7 23.3 34.9

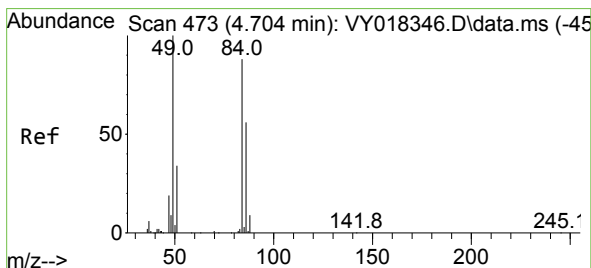
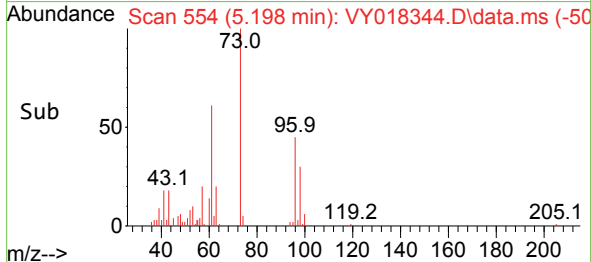
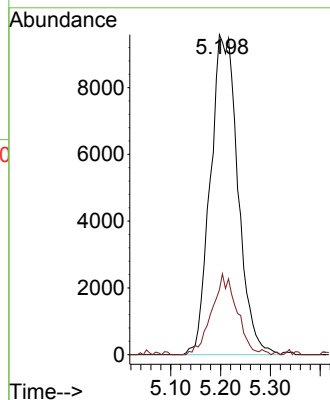
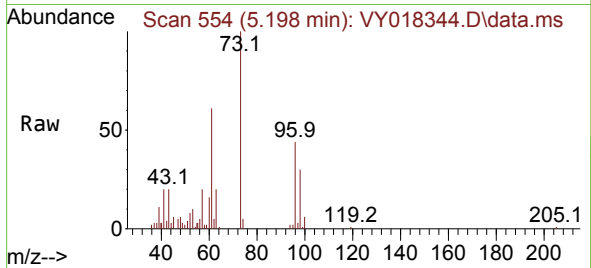




#19
Methyl tert-butyl Ether
Concen: 10.316 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

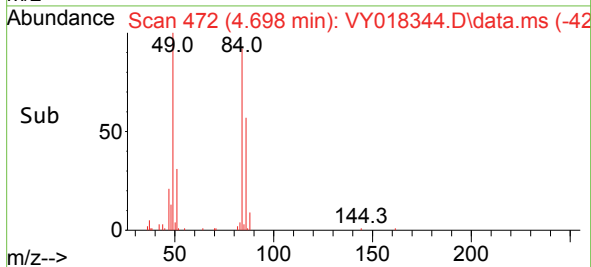
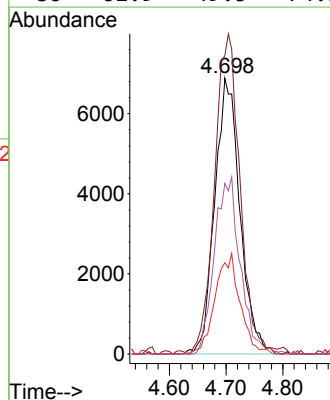
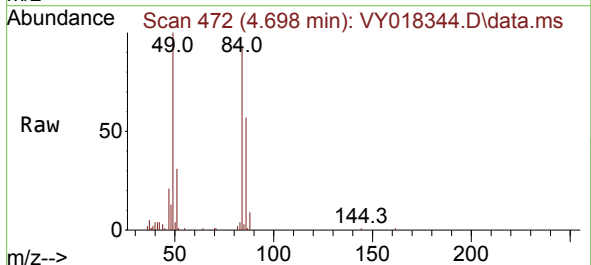
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

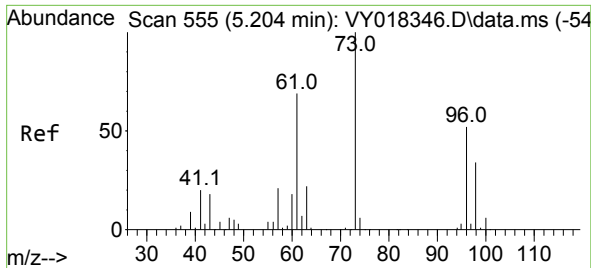
Tgt Ion: 73 Resp: 36737
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 9.593 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 84 Resp: 21268
Ion Ratio Lower Upper
84 100
49 107.0 84.4 126.6
51 33.1 26.0 39.0
86 61.9 49.5 74.3

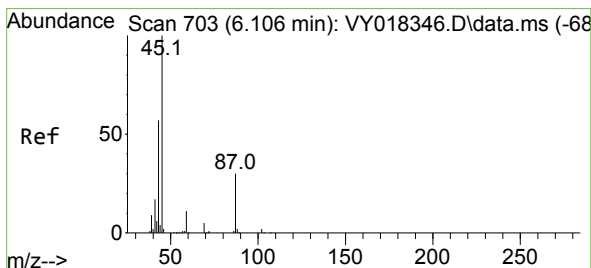
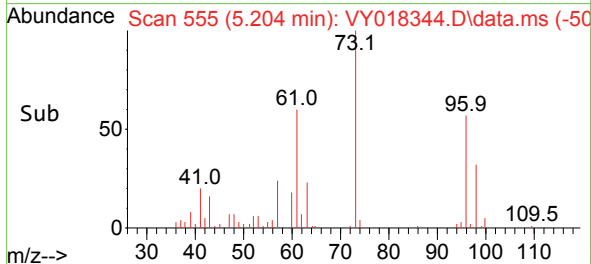
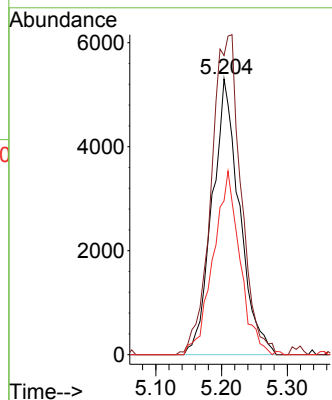
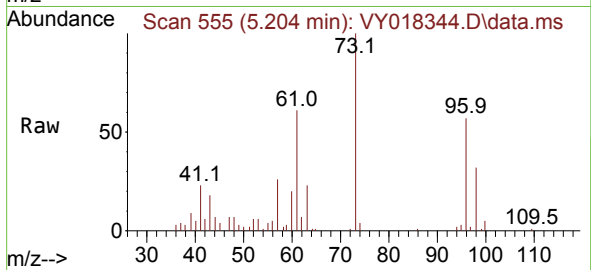




#21
trans-1,2-Dichloroethene
Concen: 9.760 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

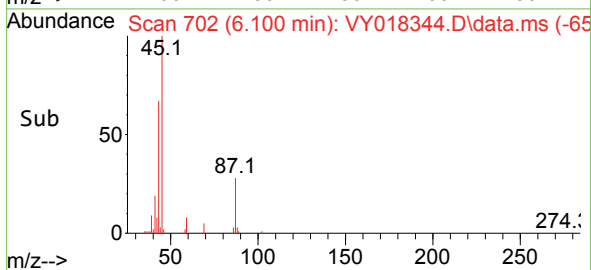
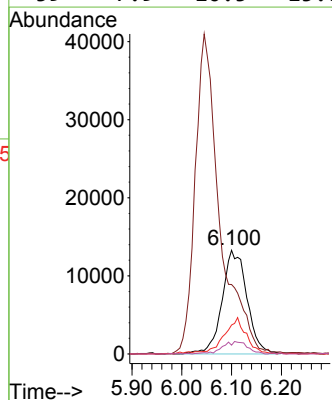
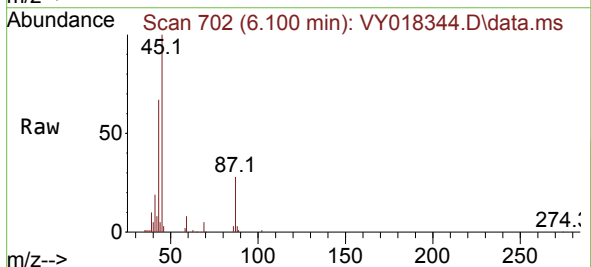
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

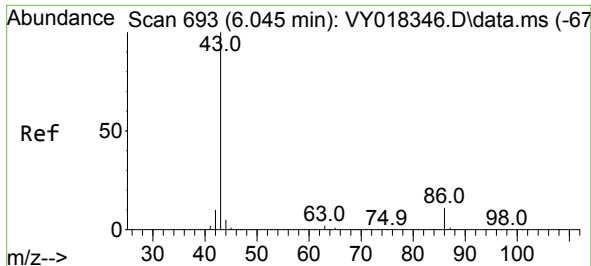
Tgt Ion: 96 Resp: 15292
Ion Ratio Lower Upper
96 100
61 108.5 97.5 146.3
98 55.8 50.5 75.7



#22
Diisopropyl ether
Concen: 10.665 ug/l
RT: 6.100 min Scan# 702
Delta R.T. -0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 45 Resp: 45969
Ion Ratio Lower Upper
45 100
43 65.0 42.2 63.2#
87 27.1 25.0 37.6
59 7.9 10.5 15.7#

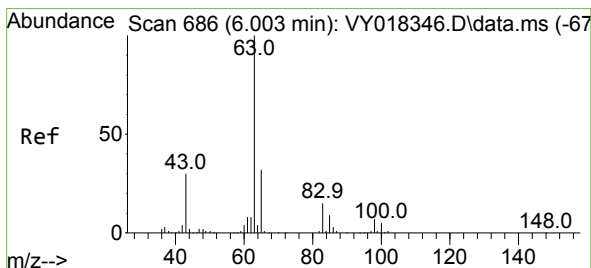
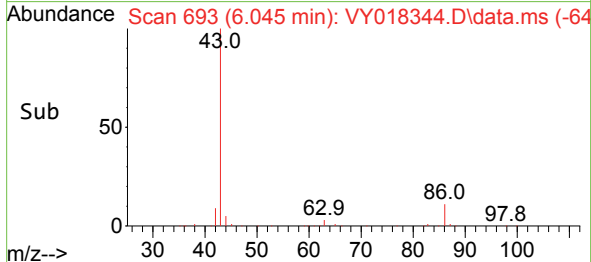
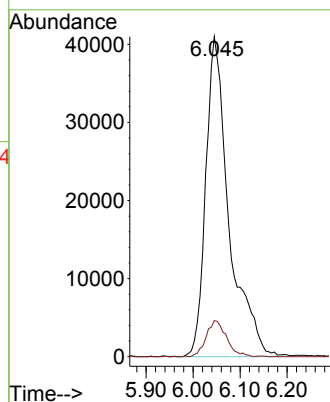
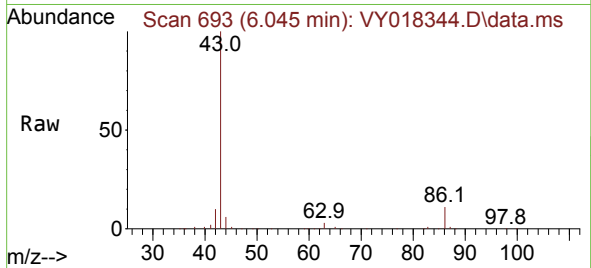




#23
 Vinyl Acetate
 Concen: 50.998 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY018344.D
 Acq: 22 May 2024 13:07

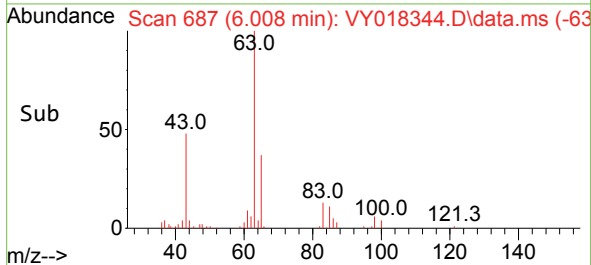
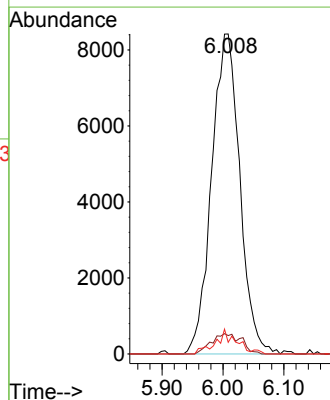
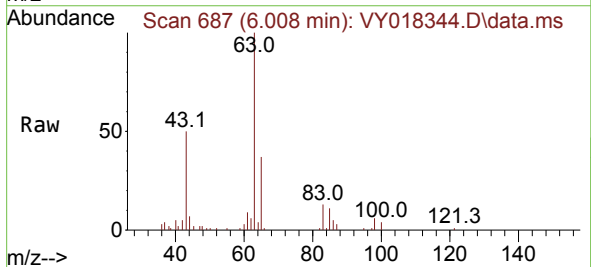
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

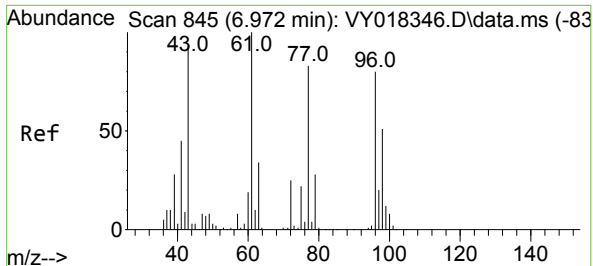
Tgt Ion: 43 Resp: 140757
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 10.218 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY018344.D
 Acq: 22 May 2024 13:07

Tgt Ion: 63 Resp: 27011
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 12.2
 100 3.7 2.6 8.0





#25

2-Butanone

Concen: 52.181 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

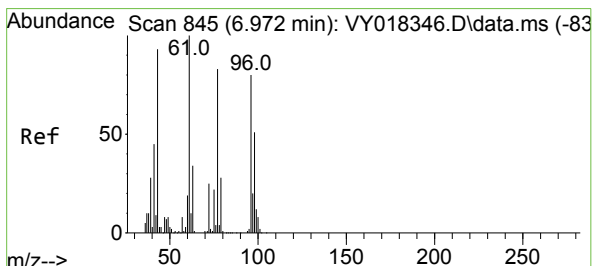
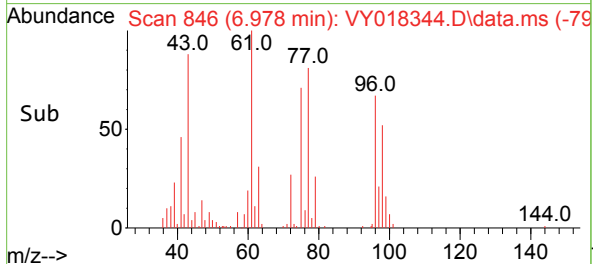
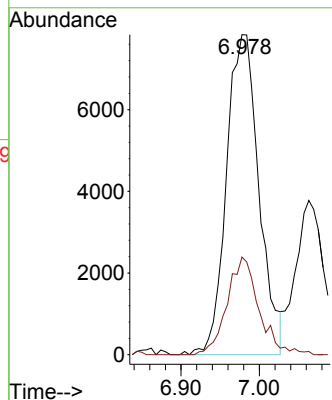
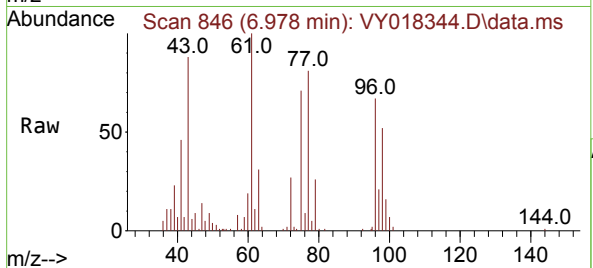
VSTDIC010

Tgt Ion: 43 Resp: 22617

Ion Ratio Lower Upper

43 100

72 30.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 10.644 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018344.D

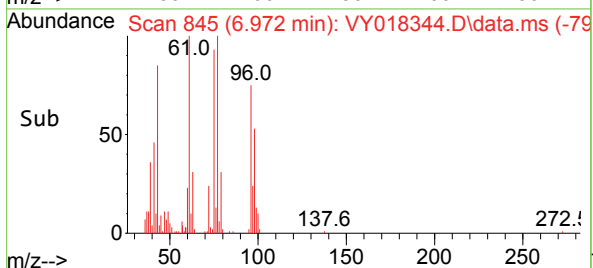
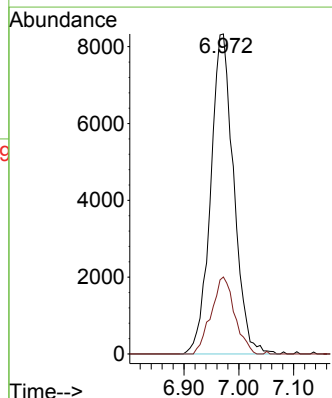
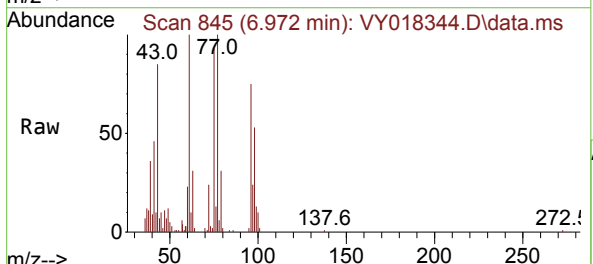
Acq: 22 May 2024 13:07

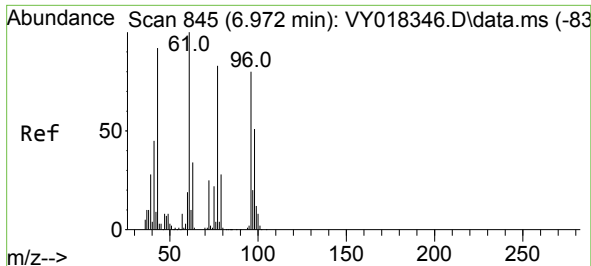
Tgt Ion: 77 Resp: 24324

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 9.851 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

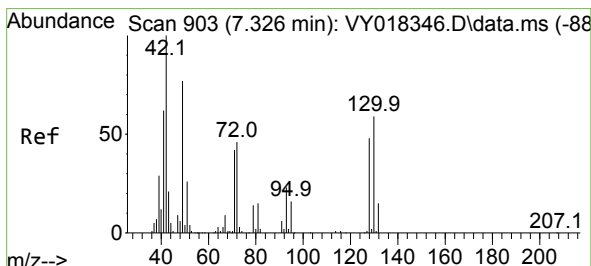
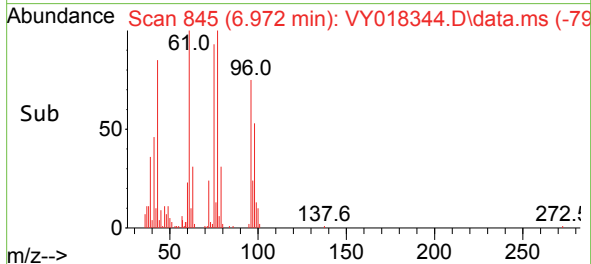
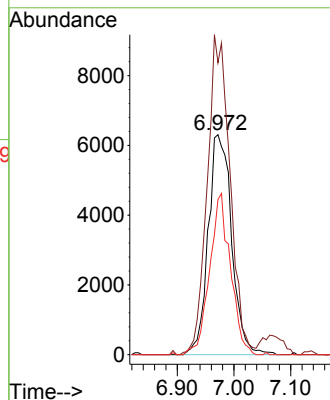
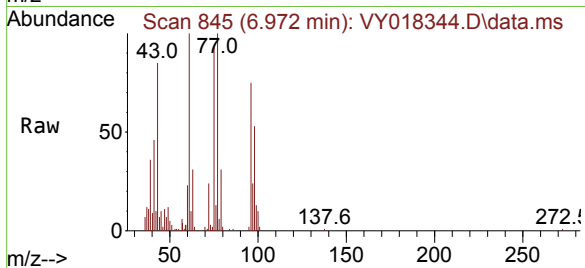
Tgt Ion: 96 Resp: 18137

Ion Ratio Lower Upper

96 100

61 141.4 0.0 256.2

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 11.183 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

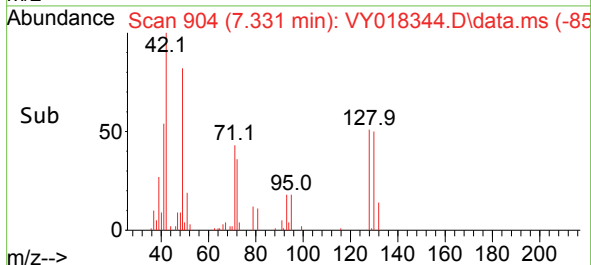
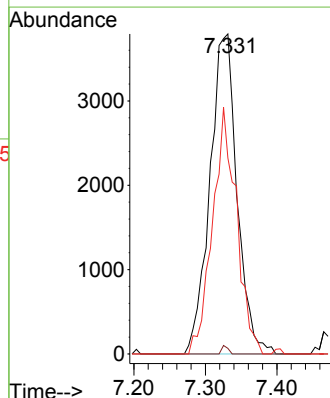
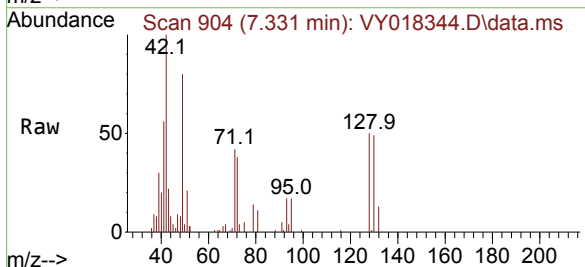
Tgt Ion: 49 Resp: 10040

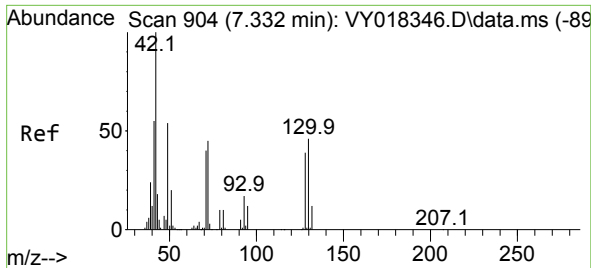
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.6

130 68.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 54.909 ug/l

RT: 7.344 min Scan# 904

Delta R.T. 0.012 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

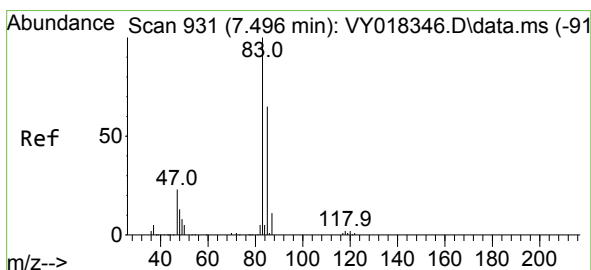
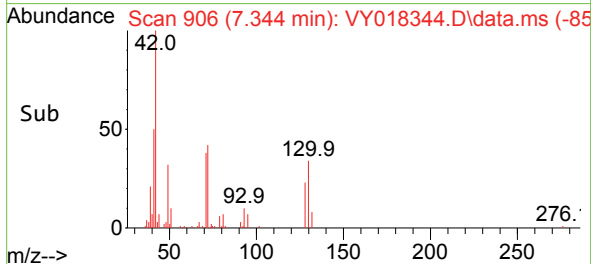
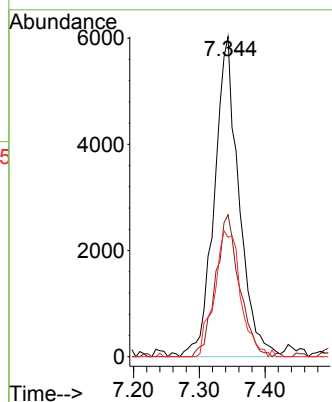
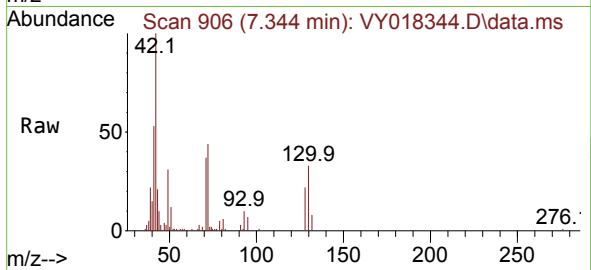
Tgt Ion: 42 Resp: 15665

Ion Ratio Lower Upper

42 100

72 43.2 43.0 64.4

71 42.1 40.8 61.2



#30

Chloroform

Concen: 10.548 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY018344.D

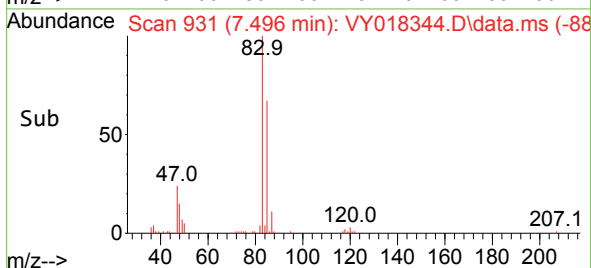
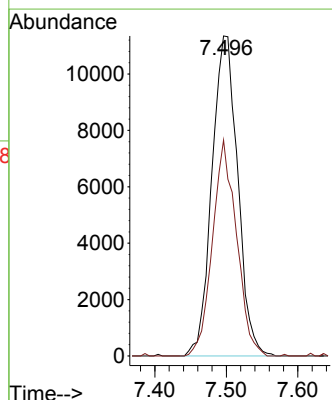
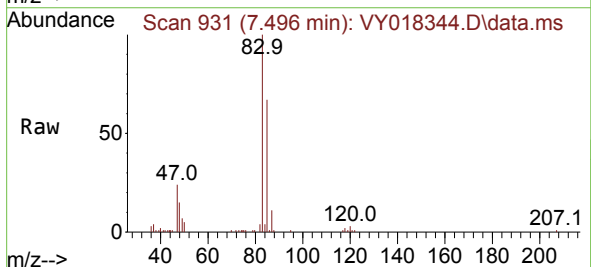
Acq: 22 May 2024 13:07

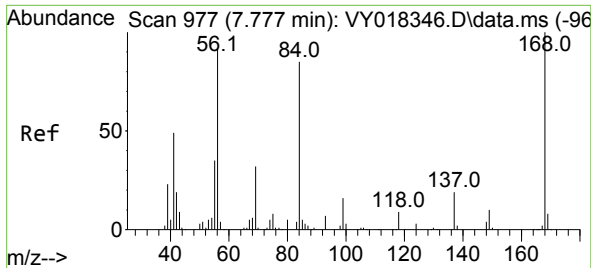
Tgt Ion: 83 Resp: 28421

Ion Ratio Lower Upper

83 100

85 67.5 52.2 78.4

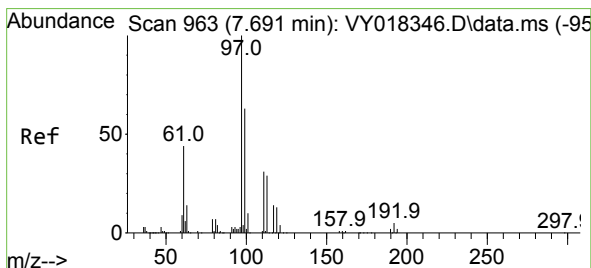
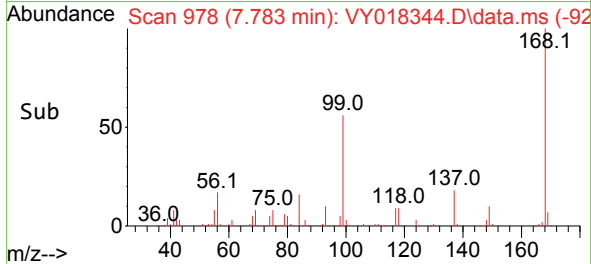
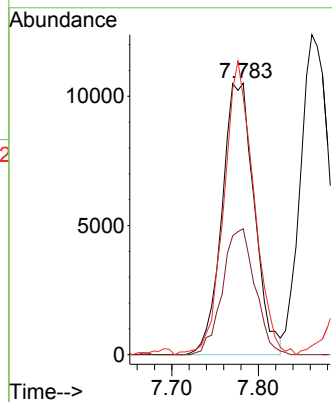
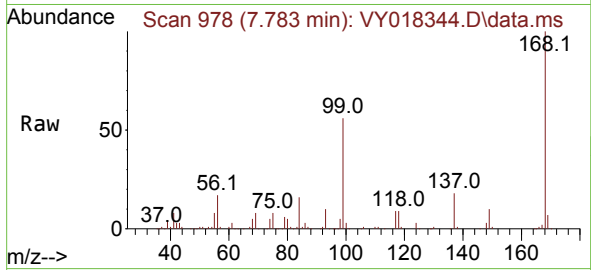




#31
Cyclohexane
Concen: 9.640 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

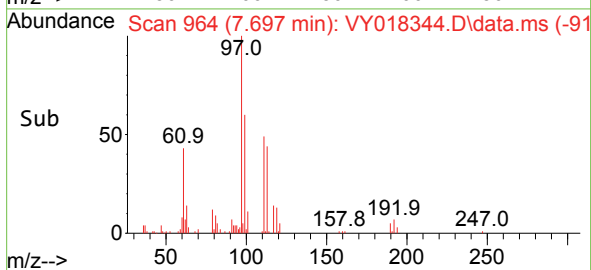
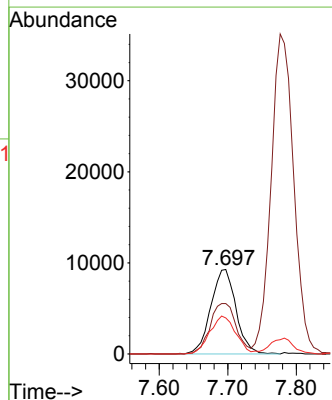
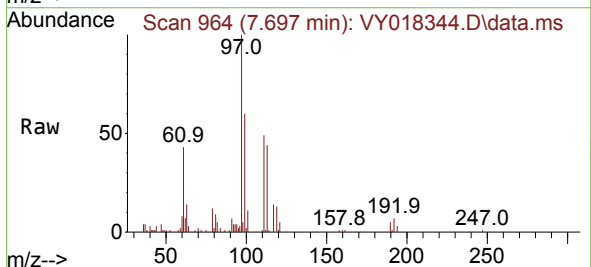
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

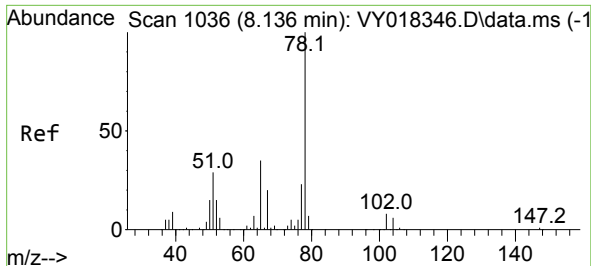
Tgt Ion: 56 Resp: 27316
Ion Ratio Lower Upper
56 100
69 46.4 28.7 43.1#
84 93.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 9.993 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 97 Resp: 23632
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 46.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 10.212 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

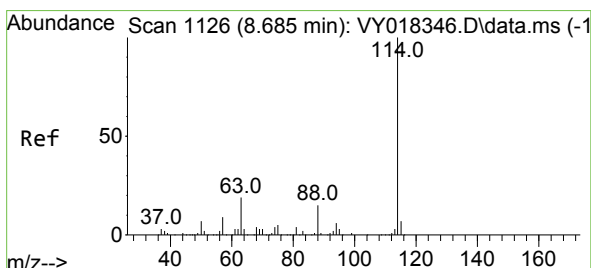
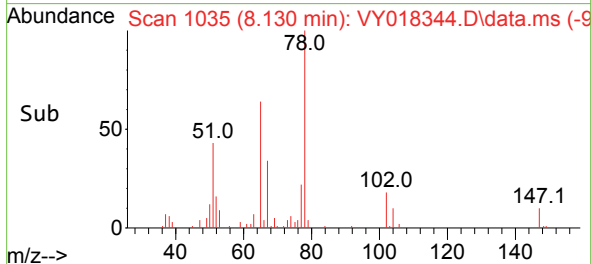
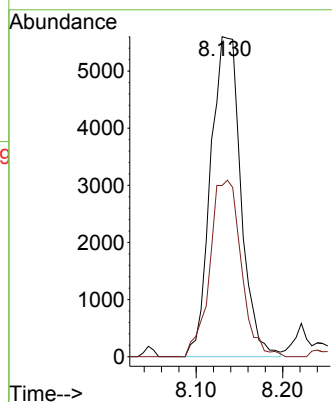
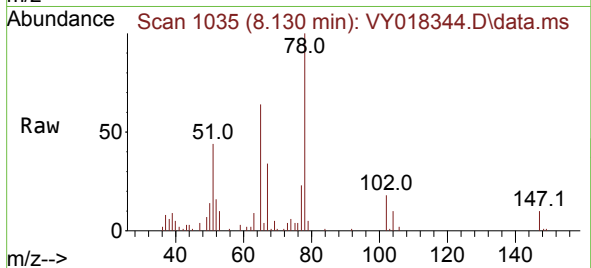
VSTDIC010

Tgt Ion: 65 Resp: 13580

Ion Ratio Lower Upper

65 100

67 57.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

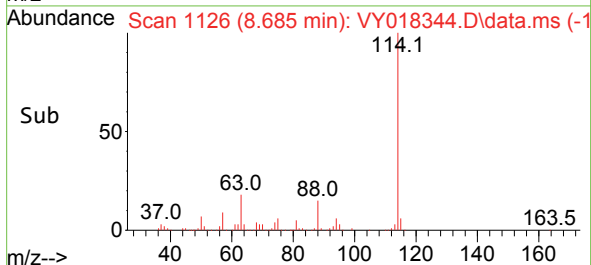
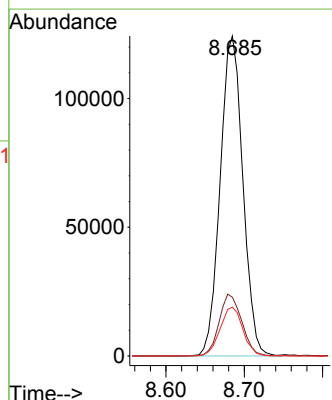
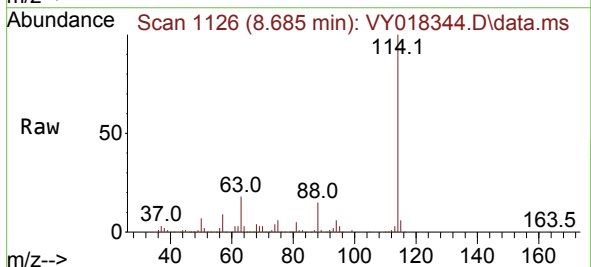
Tgt Ion: 114 Resp: 249964

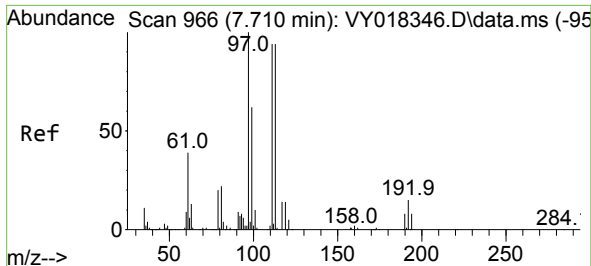
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.2 0.0 27.2

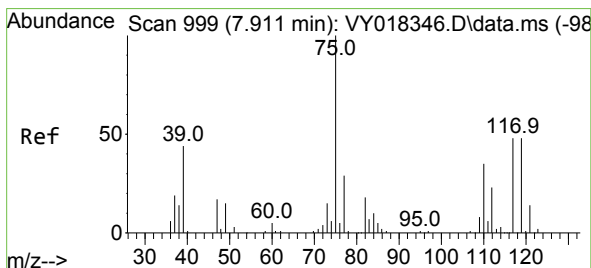
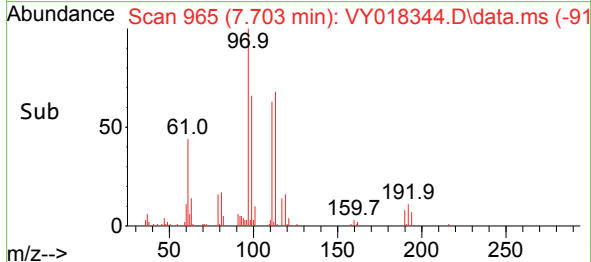
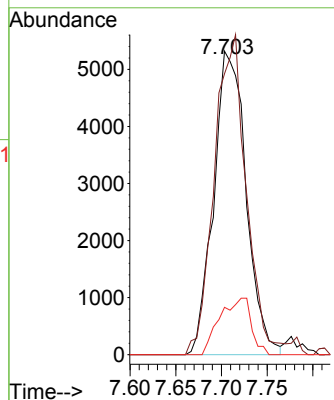
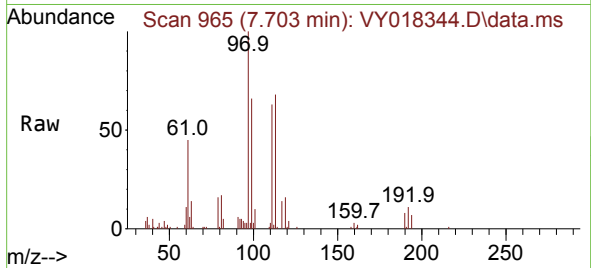




#35
Dibromofluoromethane
Concen: 9.017 ug/l
RT: 7.703 min Scan# 913
Delta R.T. -0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

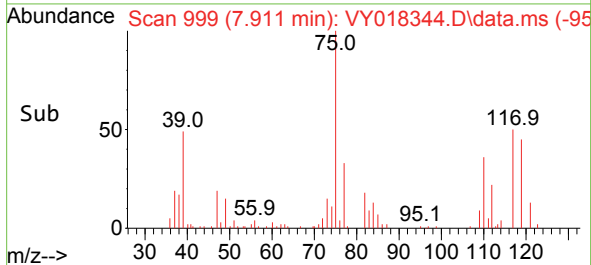
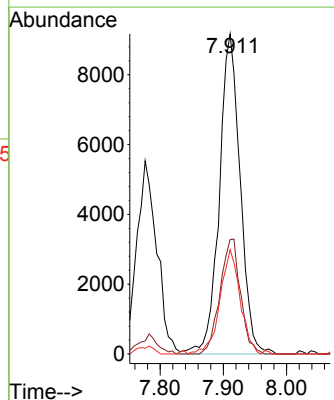
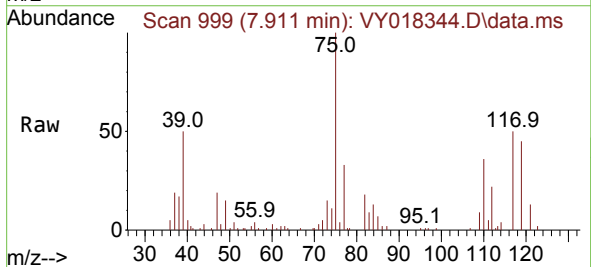
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

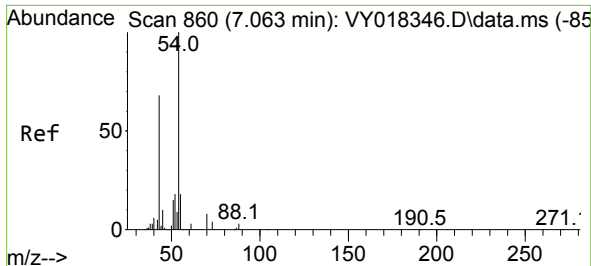
Tgt Ion:113 Resp: 13144
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 0.0 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 9.915 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 75 Resp: 20960
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 10.714 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

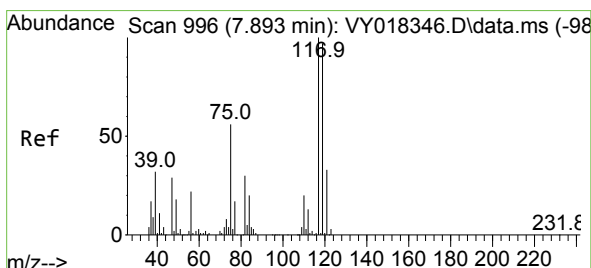
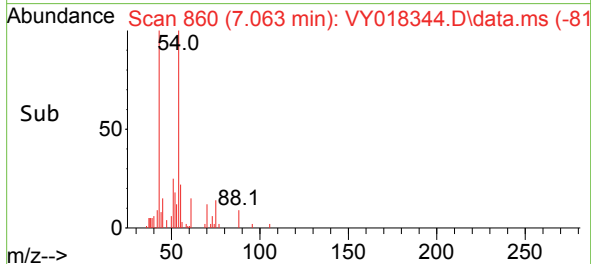
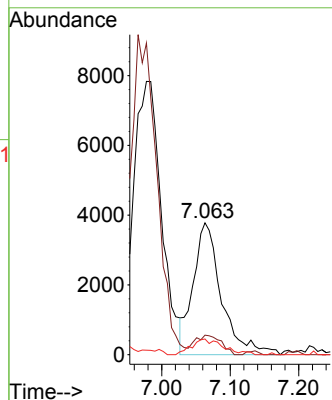
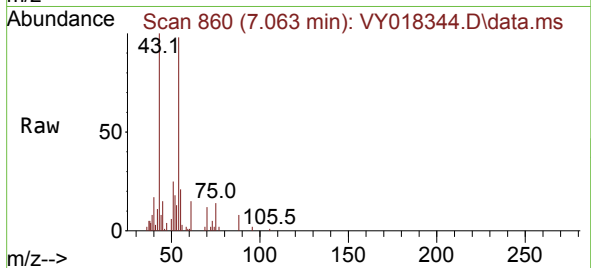
Tgt Ion: 43 Resp: 10835

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 12.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 9.569 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

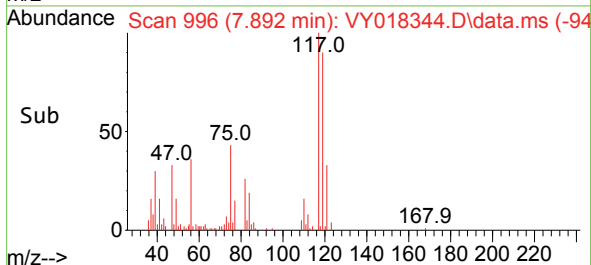
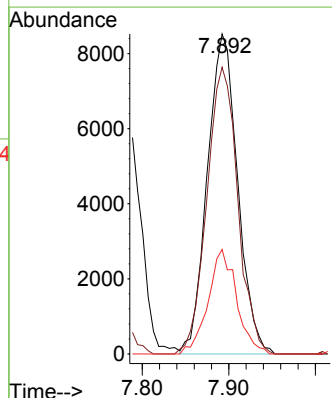
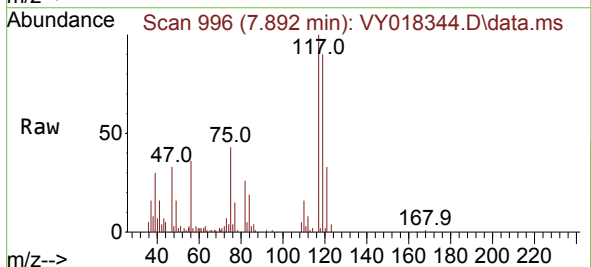
Tgt Ion: 117 Resp: 20719

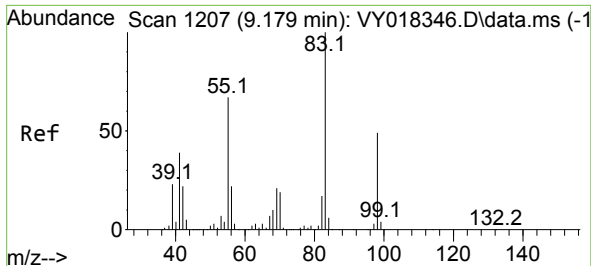
Ion Ratio Lower Upper

117 100

119 89.6 75.8 113.6

121 32.6 24.0 36.0





#39

Methylcyclohexane

Concen: 9.725 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

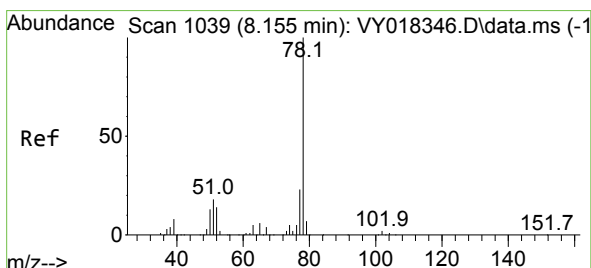
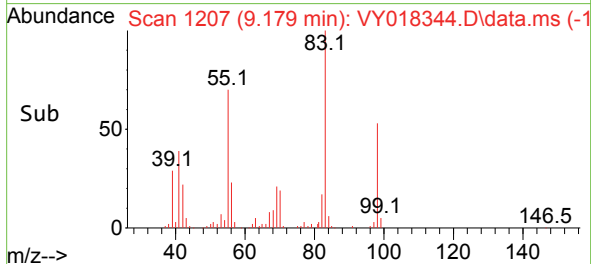
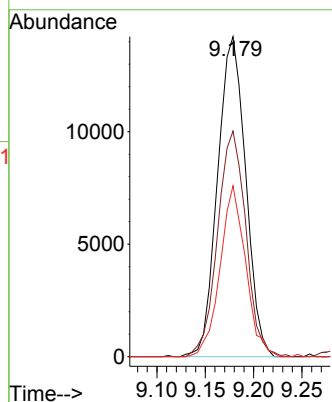
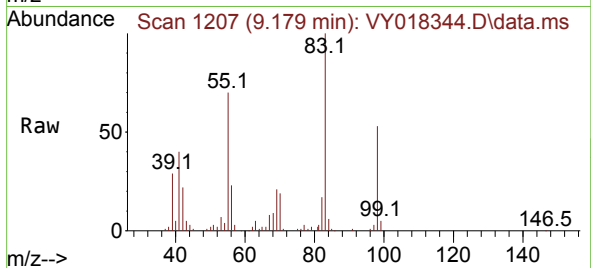
Tgt Ion: 83 Resp: 28678

Ion Ratio Lower Upper

83 100

55 70.5 51.5 77.3

98 53.4 40.5 60.7



#40

Benzene

Concen: 10.019 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018344.D

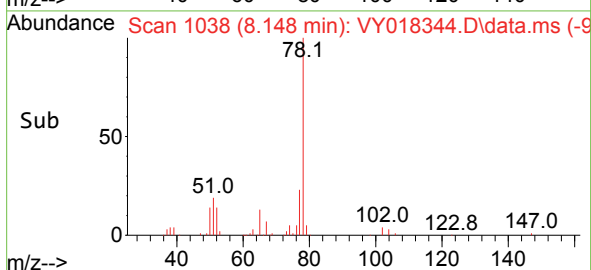
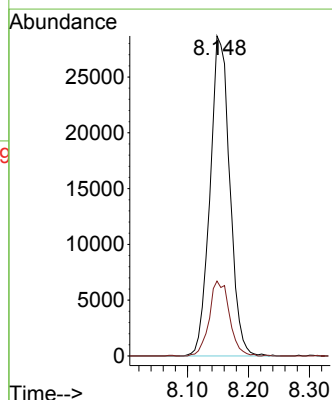
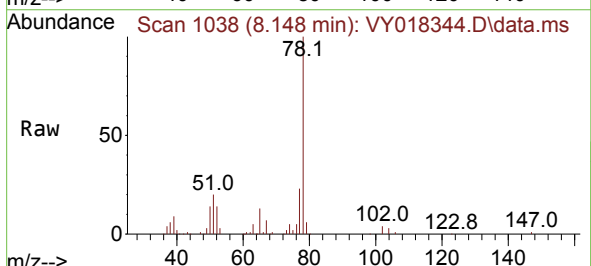
Acq: 22 May 2024 13:07

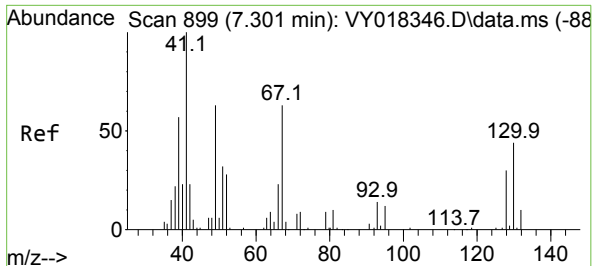
Tgt Ion: 78 Resp: 64567

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3

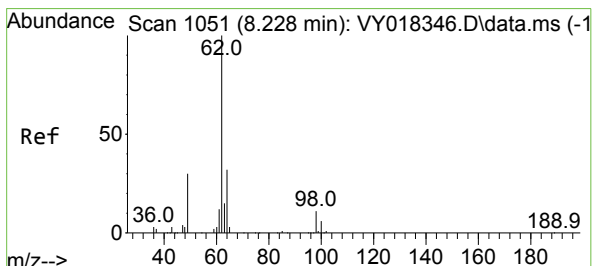
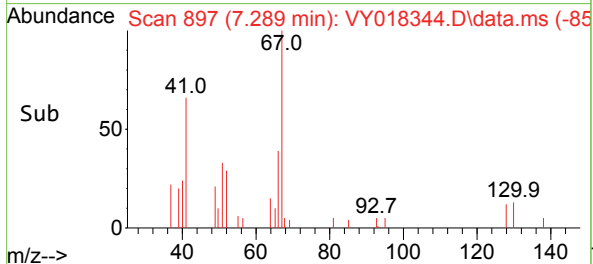
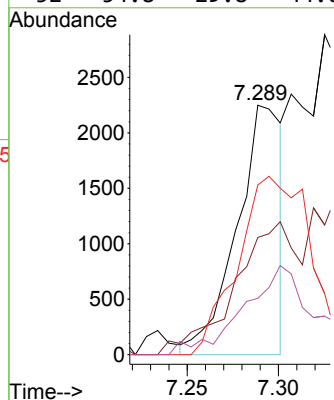
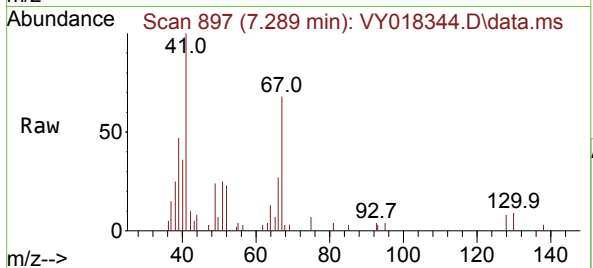




#41
Methacrylonitrile
Concen: 6.873 ug/l
RT: 7.289 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

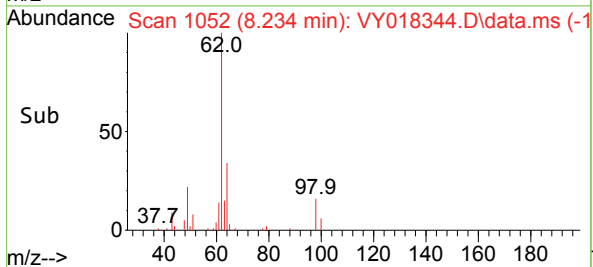
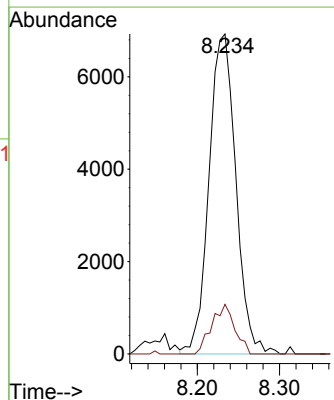
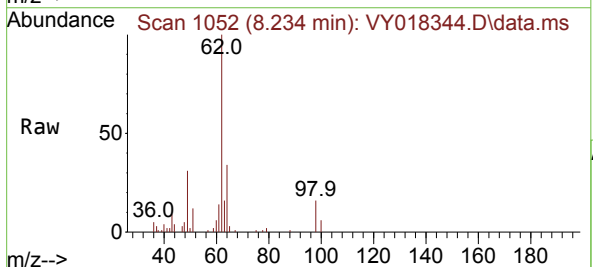
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

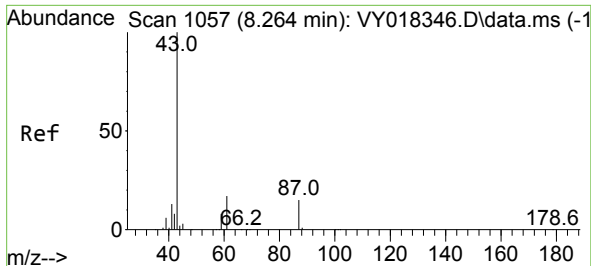
Tgt Ion:	41	Resp:	3843
Ion	Ratio	Lower	Upper
41	100		
39	75.0	48.0	72.0#
67	119.3	75.1	112.7#
52	54.8	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 10.157 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion:	62	Resp:	15744
Ion	Ratio	Lower	Upper
62	100		
98	13.3	0.0	22.0

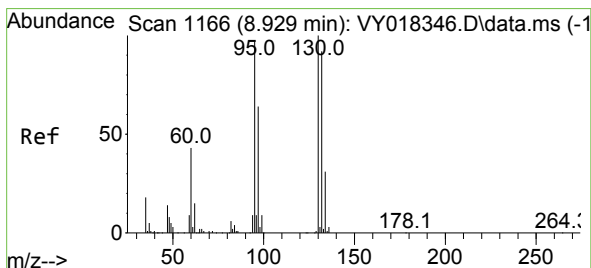
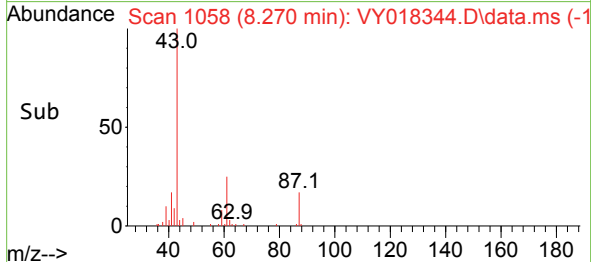
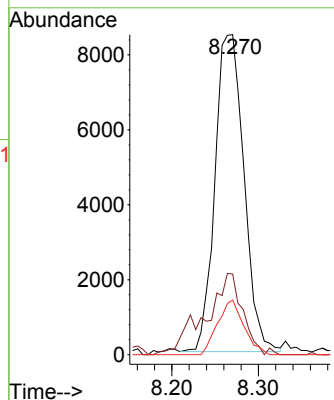
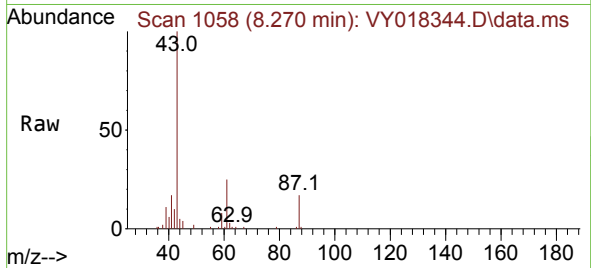




#43
Isopropyl Acetate
Concen: 9.966 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

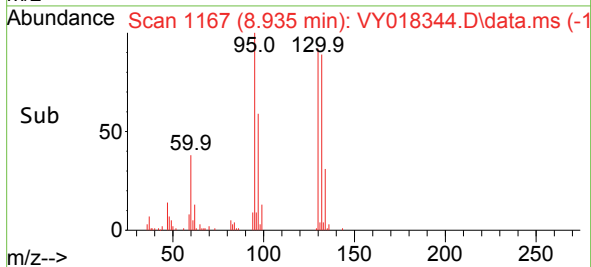
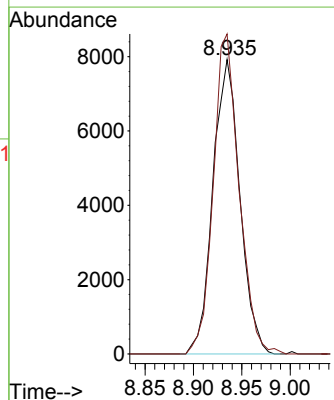
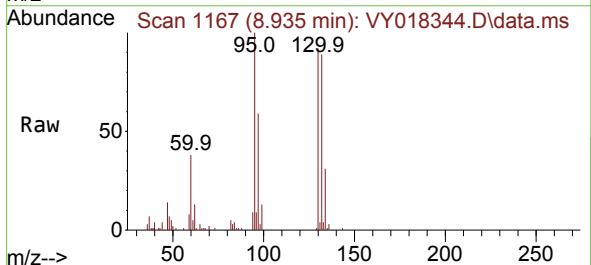
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

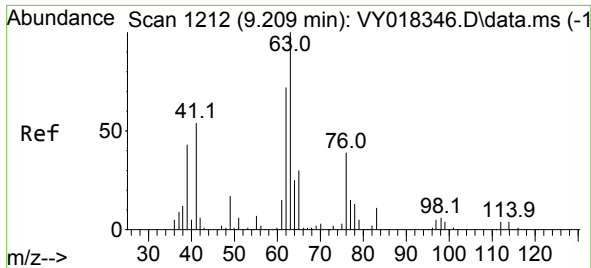
Tgt Ion: 43 Resp: 19664
Ion Ratio Lower Upper
43 100
61 22.9 27.9 41.9#
87 15.6 13.1 19.7



#44
Trichloroethene
Concen: 9.291 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 130 Resp: 15347
Ion Ratio Lower Upper
130 100
95 108.7 0.0 188.0

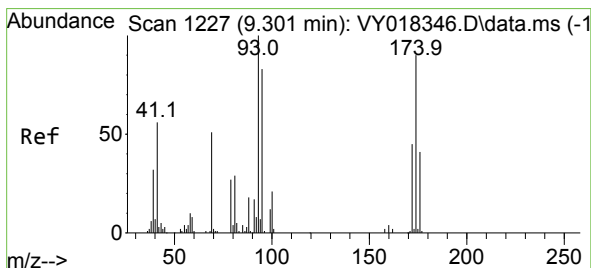
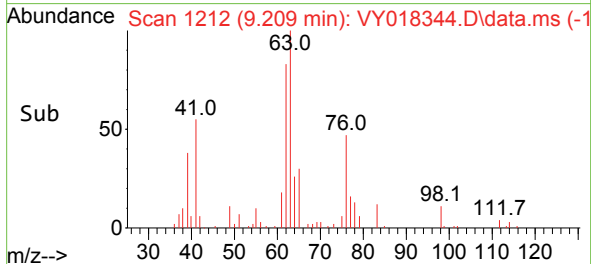
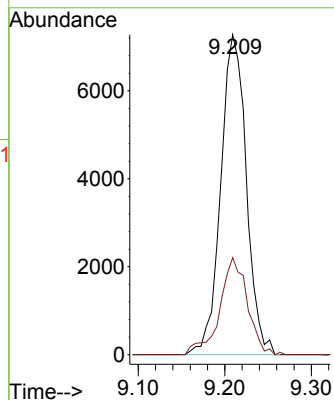
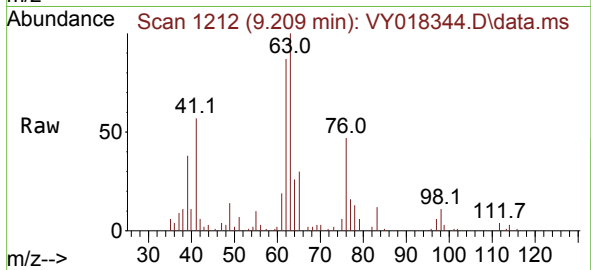




#45
1,2-Dichloropropane
Concen: 10.313 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

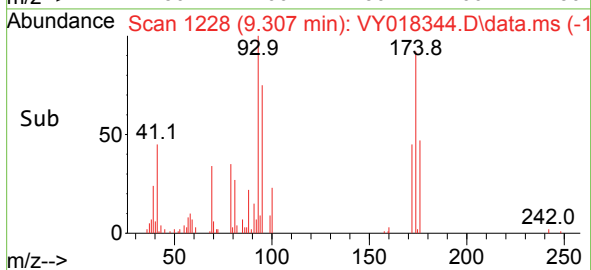
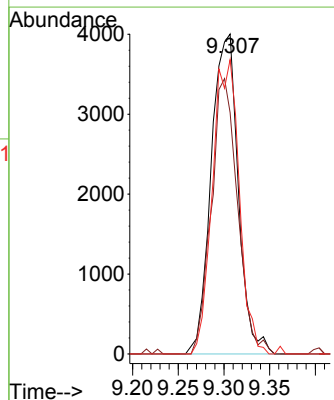
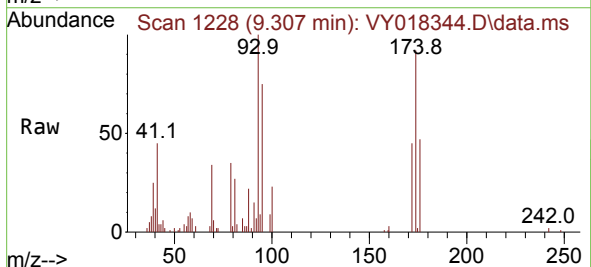
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

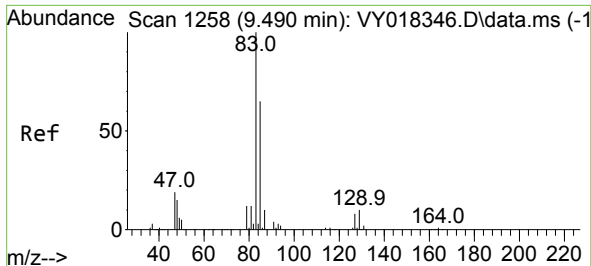
Tgt Ion: 63 Resp: 14947
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2



#46
Dibromomethane
Concen: 9.663 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 93 Resp: 8218
Ion Ratio Lower Upper
93 100
95 83.8 66.2 99.4
174 91.1 80.9 121.3

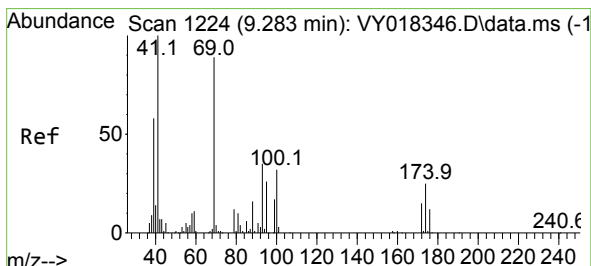
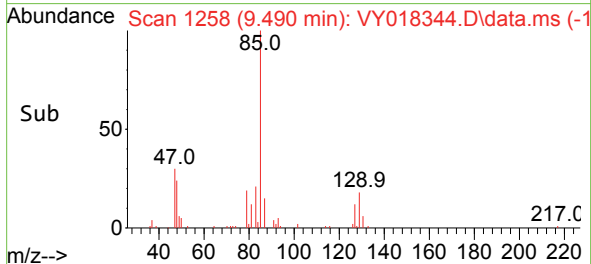
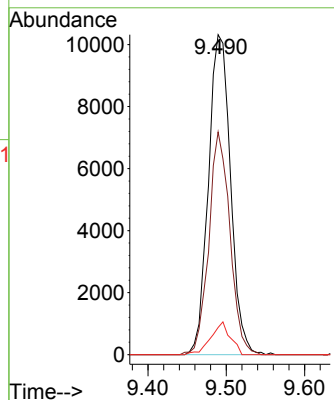
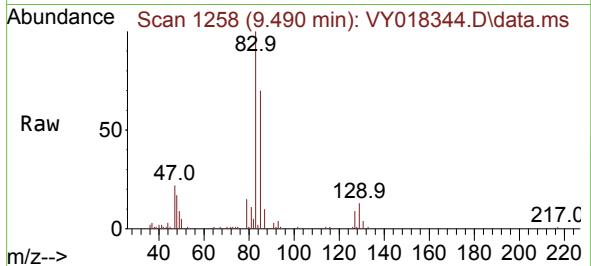




#47
Bromodichloromethane
Concen: 9.822 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

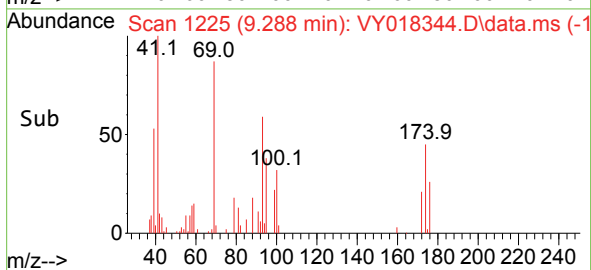
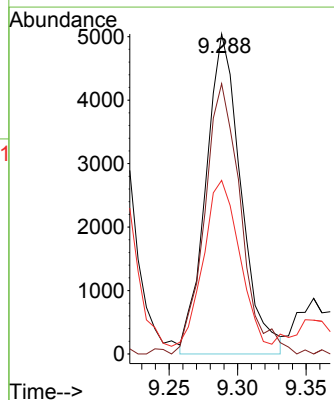
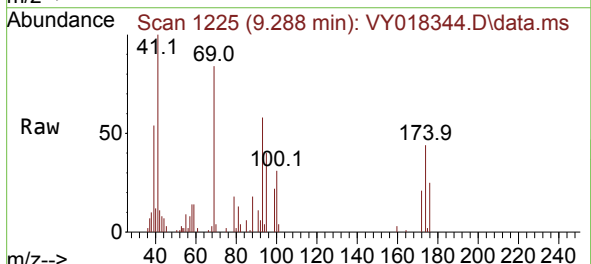
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

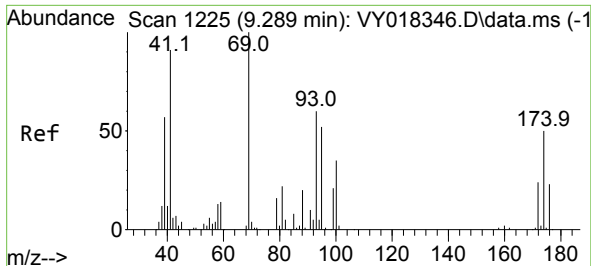
Tgt Ion: 83	Resp: 20272
Ion Ratio	Lower Upper
83 100	
85 69.6	50.1 75.1
127 8.5	7.4 11.0



#48
Methyl methacrylate
Concen: 10.084 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 41	Resp: 9000
Ion Ratio	Lower Upper
41 100	
69 88.0	84.1 126.1
39 53.7	43.6 65.4





#49

1,4-Dioxane

Concen: 197.834 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

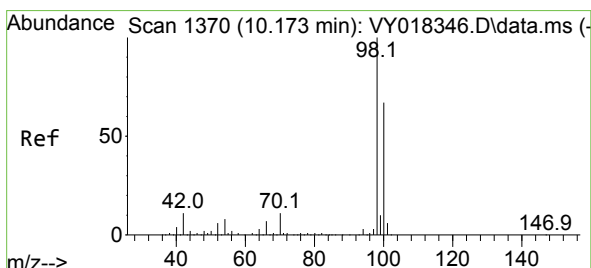
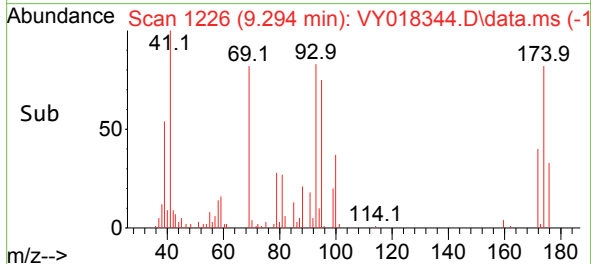
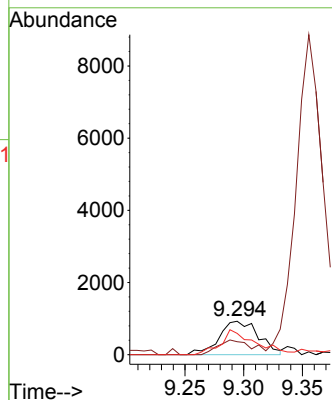
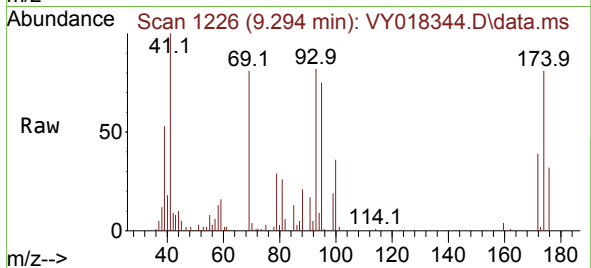
Tgt Ion: 88 Resp: 2183

Ion Ratio Lower Upper

88 100

43 37.7 0.0 0.0#

58 64.7 49.3 73.9



#50

Toluene-d8

Concen: 9.532 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018344.D

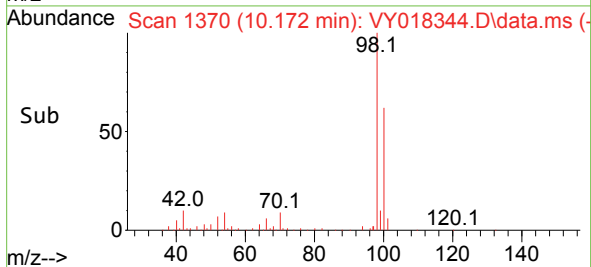
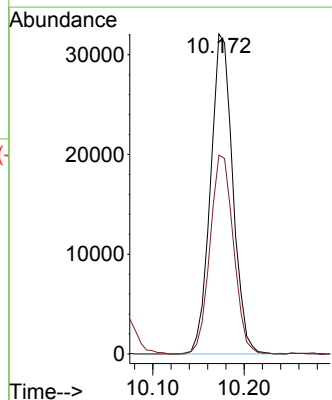
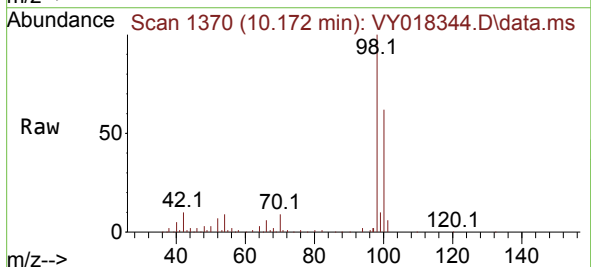
Acq: 22 May 2024 13:07

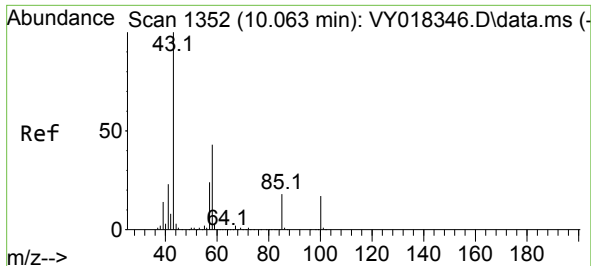
Tgt Ion: 98 Resp: 54171

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

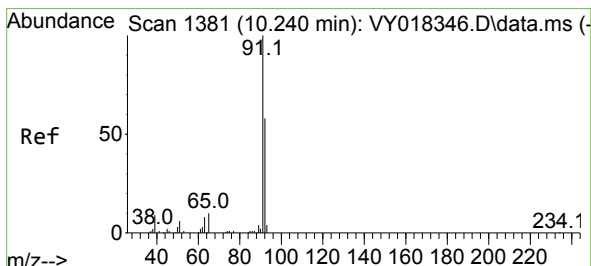
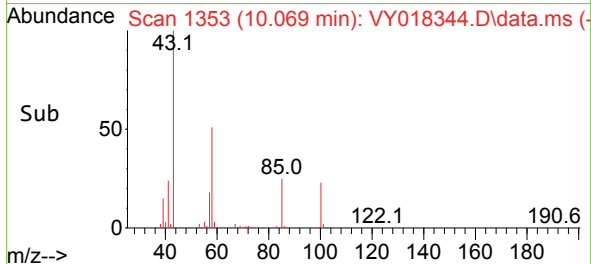
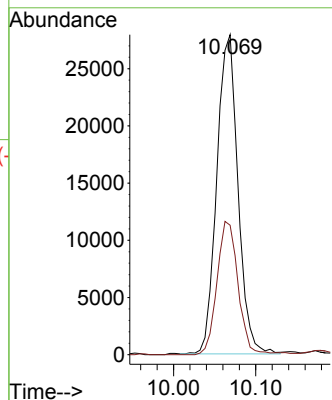
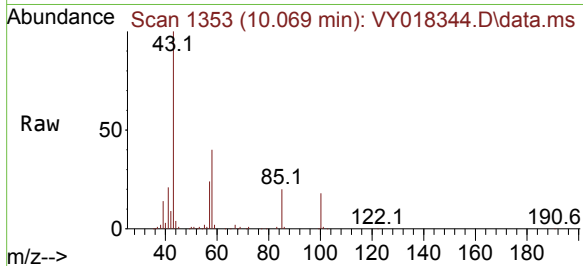




#51
4-Methyl-2-Pentanone
Concen: 50.162 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

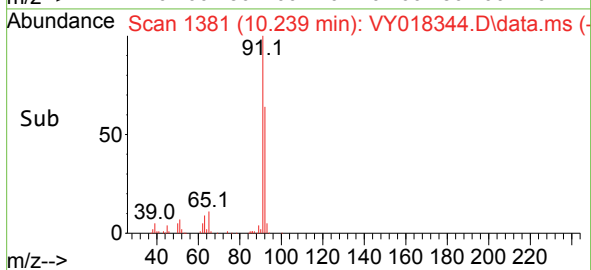
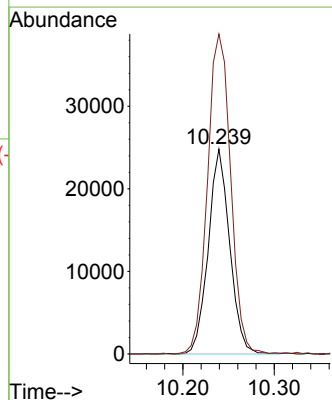
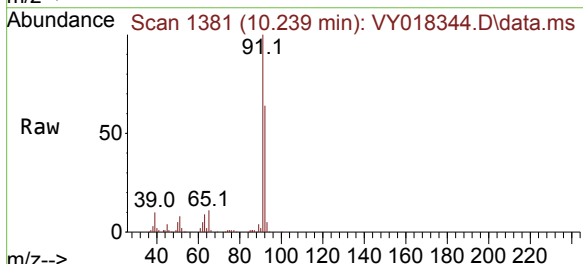
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

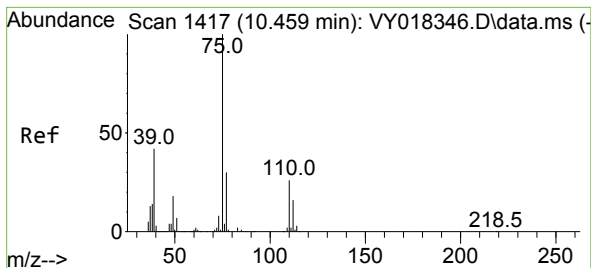
Tgt Ion: 43 Resp: 49951
Ion Ratio Lower Upper
43 100
58 42.0 35.7 53.5



#52
Toluene
Concen: 9.989 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 92 Resp: 40353
Ion Ratio Lower Upper
92 100
91 169.4 139.0 208.6

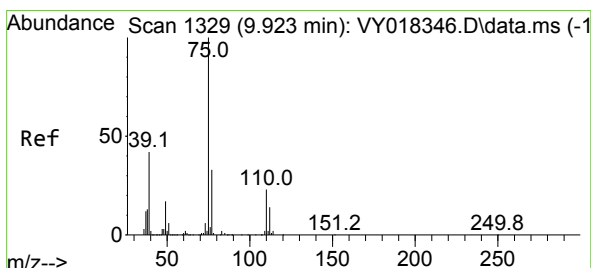
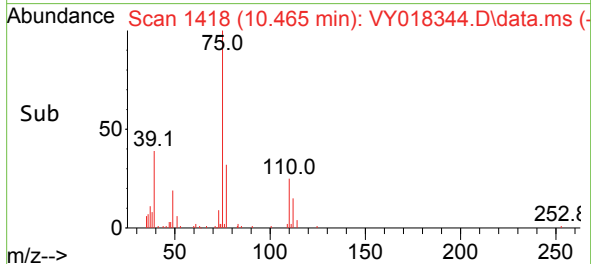
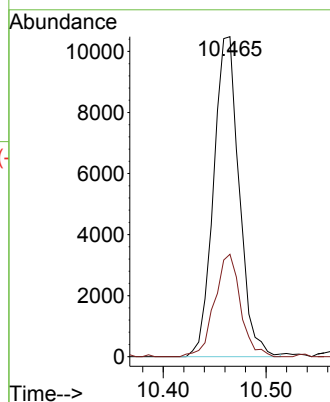
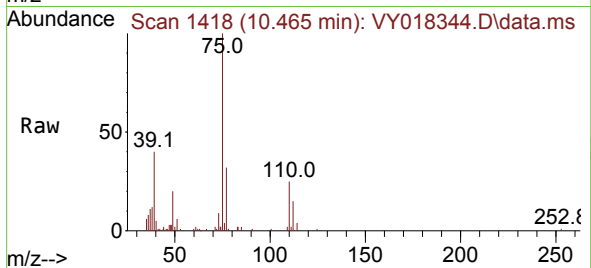




#53
 t-1,3-Dichloropropene
 Concen: 9.616 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018344.D
 Acq: 22 May 2024 13:07

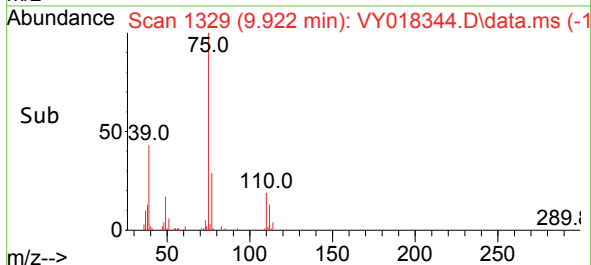
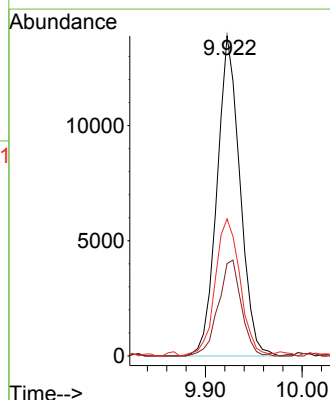
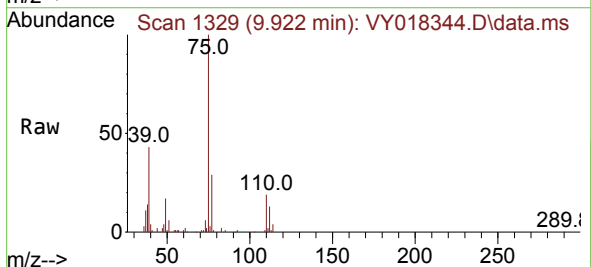
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

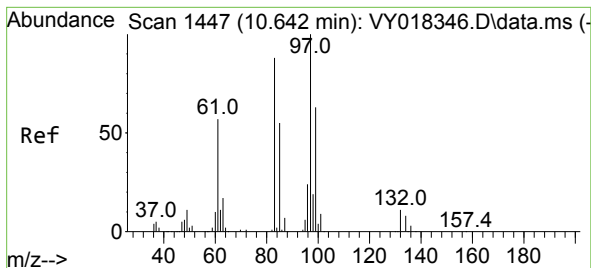
Tgt Ion: 75 Resp: 18146
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 9.887 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY018344.D
 Acq: 22 May 2024 13:07

Tgt Ion: 75 Resp: 22862
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.4 38.0
 39 42.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 9.972 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 11236

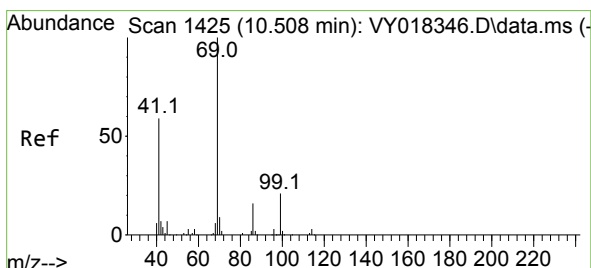
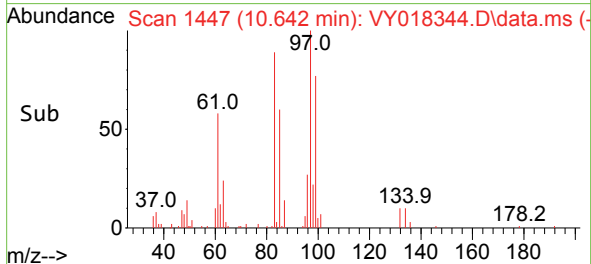
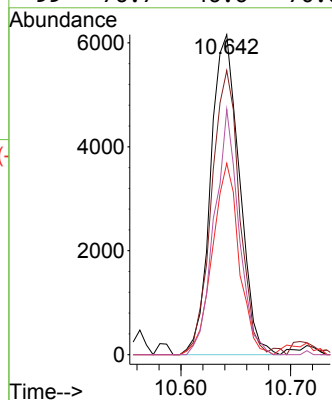
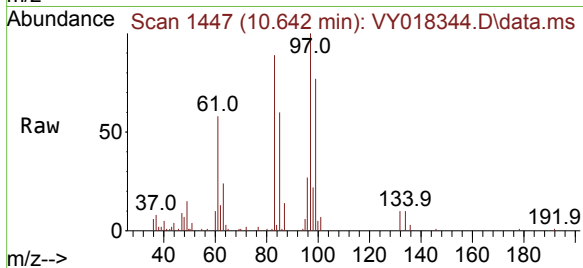
Ion Ratio Lower Upper

97 100

83 88.8 67.5 101.3

85 59.8 42.9 64.3

99 76.7 46.6 70.0#



#56

Ethyl methacrylate

Concen: 9.903 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

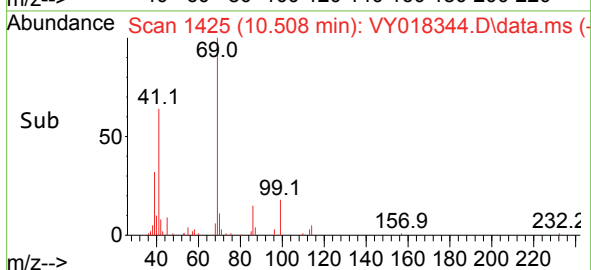
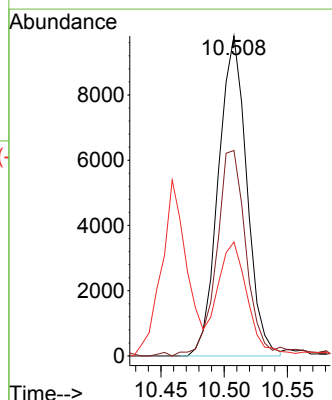
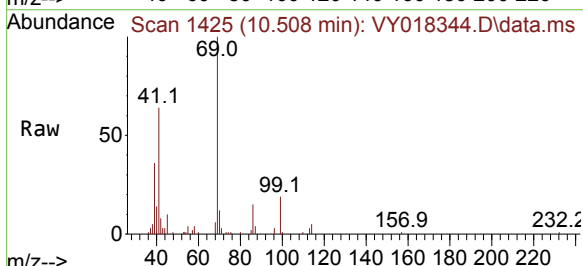
Tgt Ion: 69 Resp: 15305

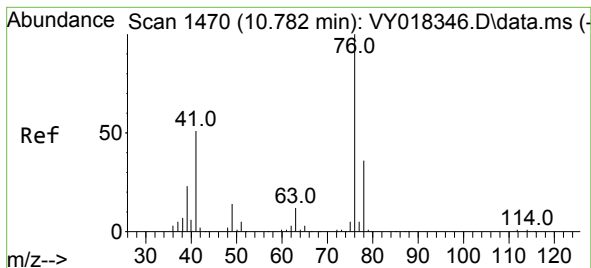
Ion Ratio Lower Upper

69 100

41 68.7 42.3 63.5#

39 36.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 10.340 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

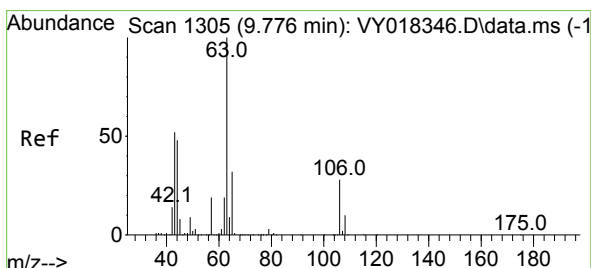
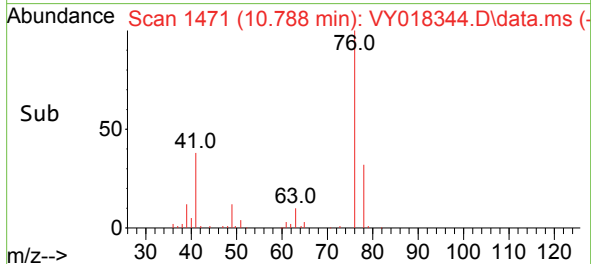
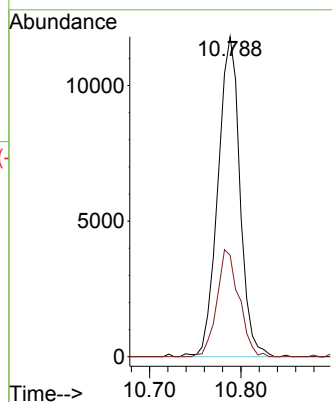
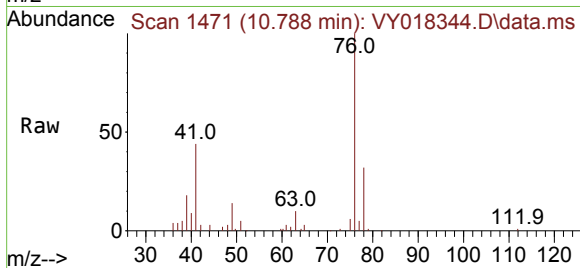
VSTDIC010

Tgt Ion: 76 Resp: 19747

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 55.764 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018344.D

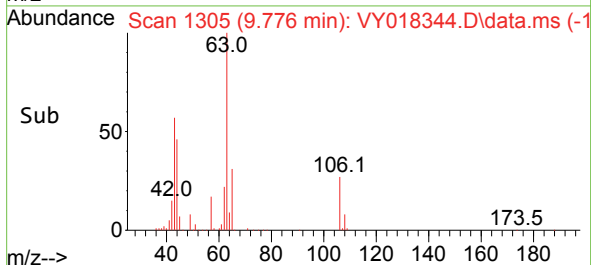
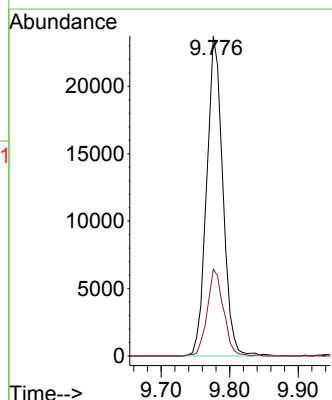
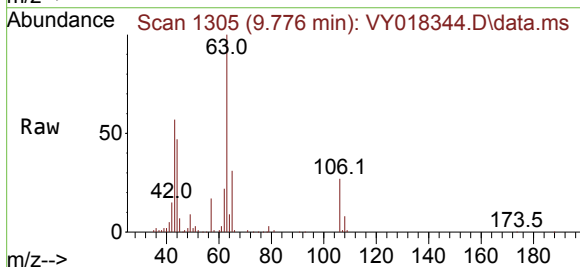
Acq: 22 May 2024 13:07

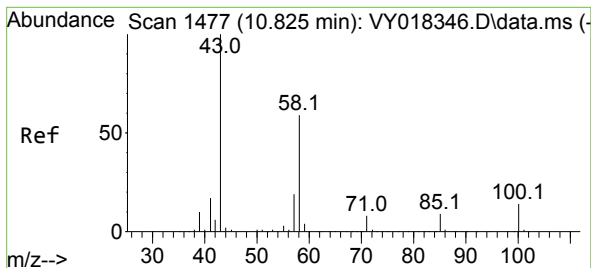
Tgt Ion: 63 Resp: 38942

Ion Ratio Lower Upper

63 100

106 27.2 23.7 35.5





#59

2-Hexanone

Concen: 50.337 ug/l

RT: 10.831 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

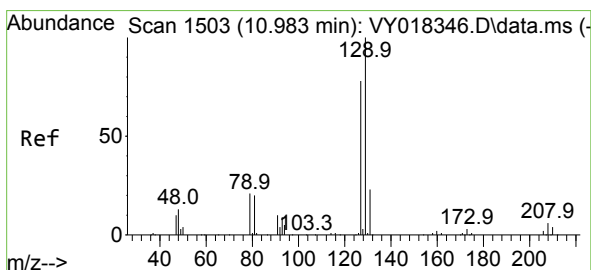
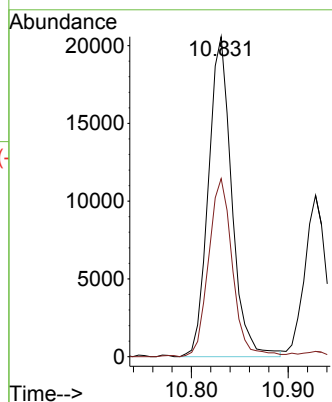
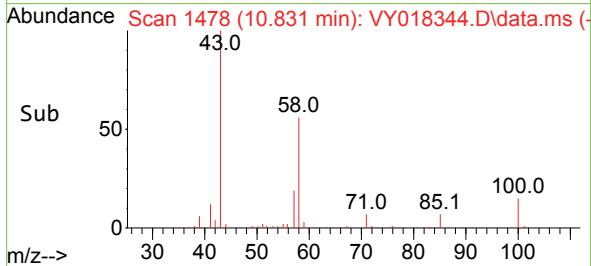
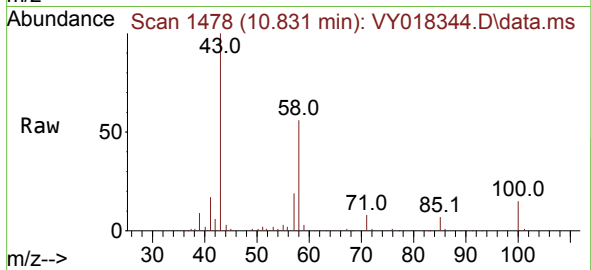
VSTDIC010

Tgt Ion: 43 Resp: 34491

Ion Ratio Lower Upper

43 100

58 56.7 31.4 94.0



#60

Dibromochloromethane

Concen: 9.255 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY018344.D

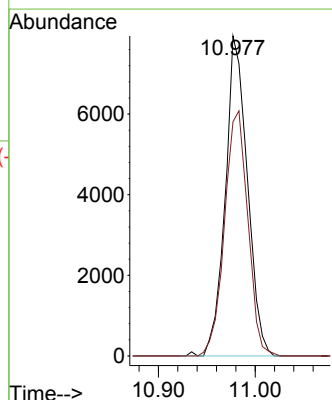
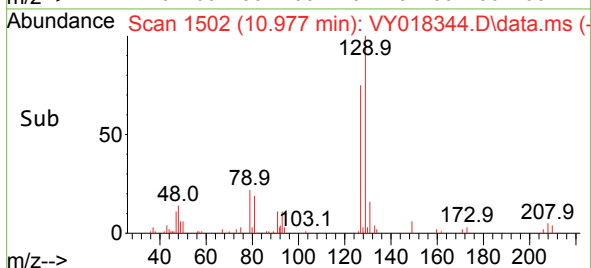
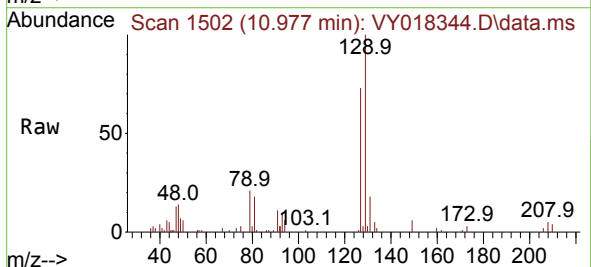
Acq: 22 May 2024 13:07

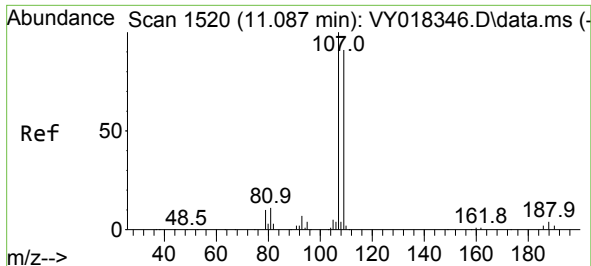
Tgt Ion: 129 Resp: 12596

Ion Ratio Lower Upper

129 100

127 80.8 39.0 117.0

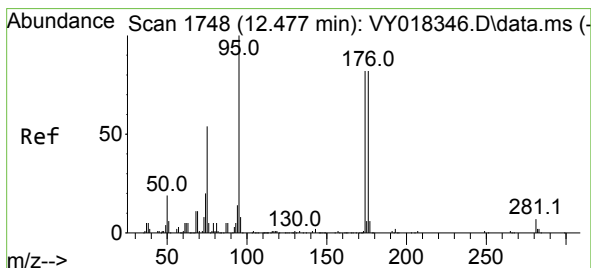
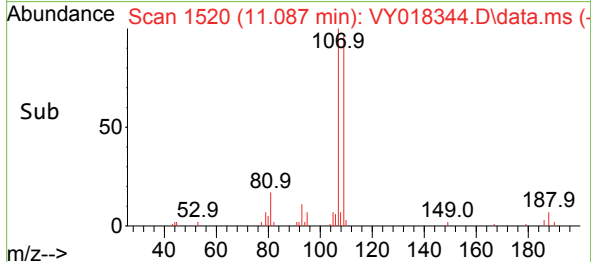
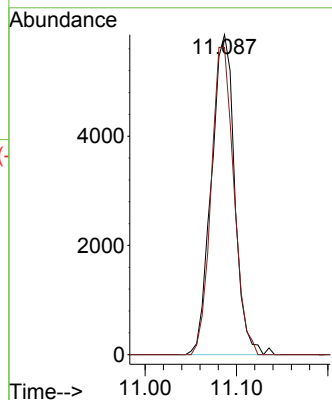
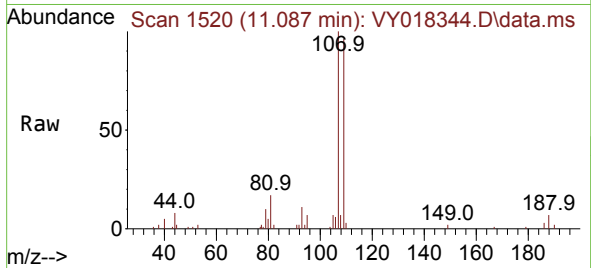




#61
1,2-Dibromoethane
Concen: 9.954 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

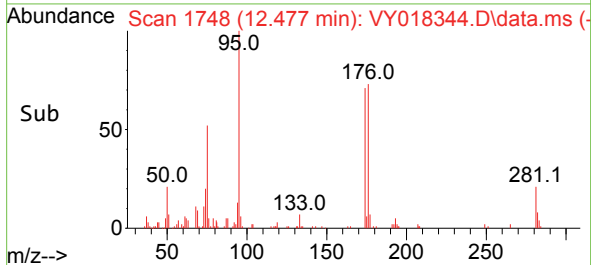
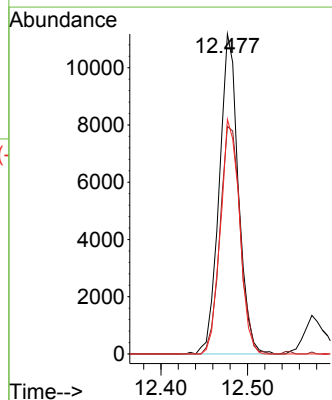
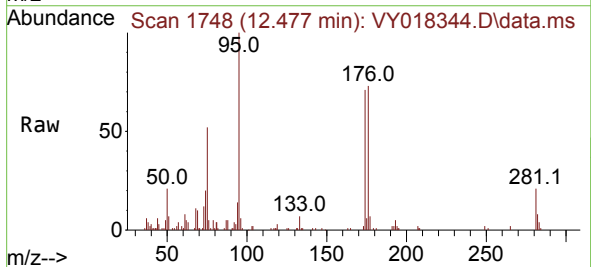
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

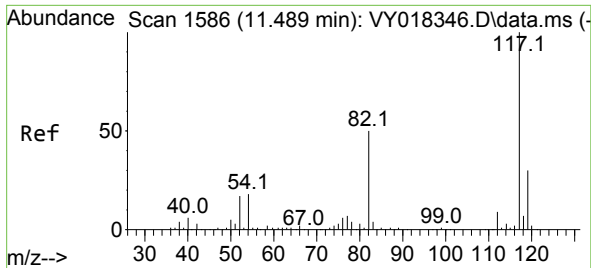
Tgt Ion:107 Resp: 10349
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 9.782 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 95 Resp: 17177
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 73.0 0.0 171.4

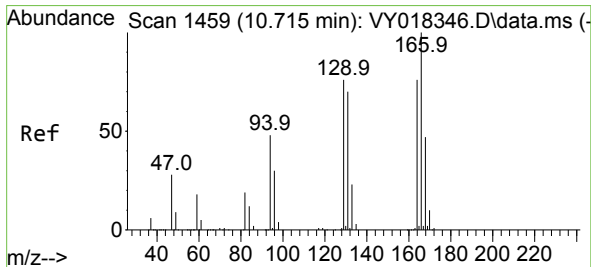
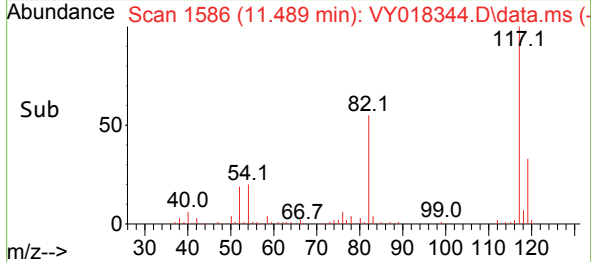
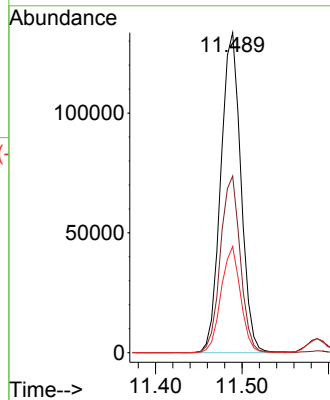
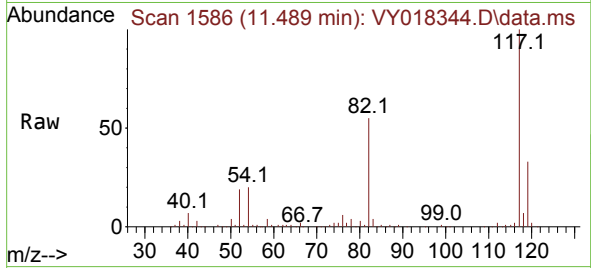




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

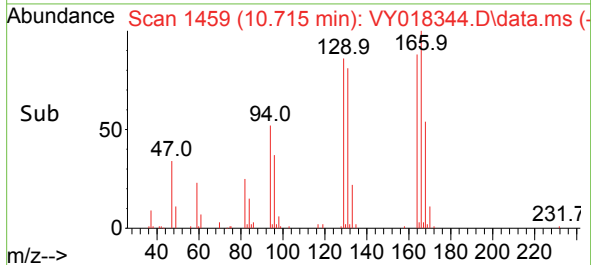
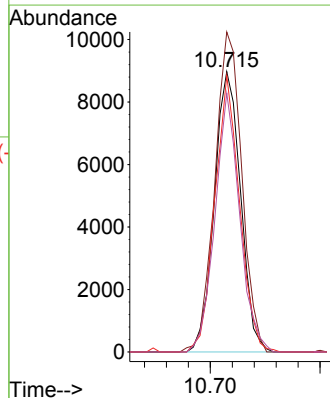
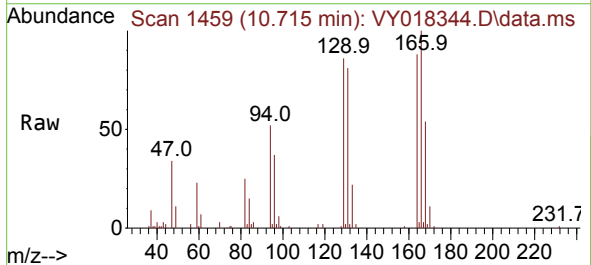
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

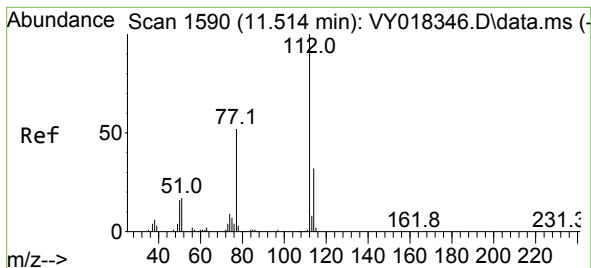
Tgt Ion:117 Resp: 215457
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 33.2 25.9 38.9



#64
Tetrachloroethene
Concen: 9.753 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion:164 Resp: 14907
Ion Ratio Lower Upper
164 100
166 114.1 102.6 154.0
129 98.5 72.0 108.0
131 92.3 70.0 105.0

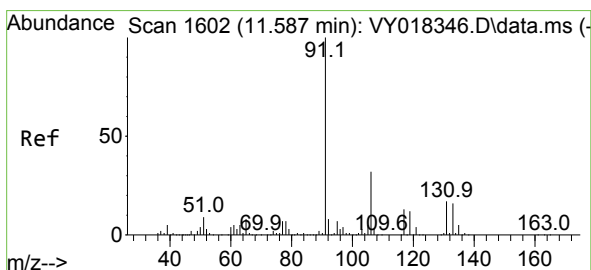
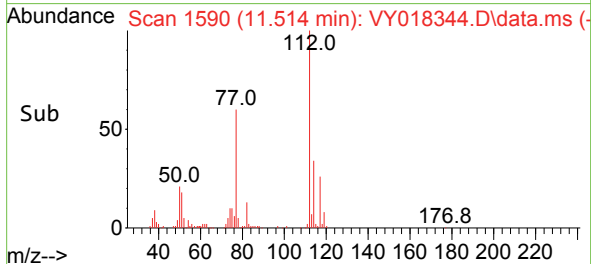
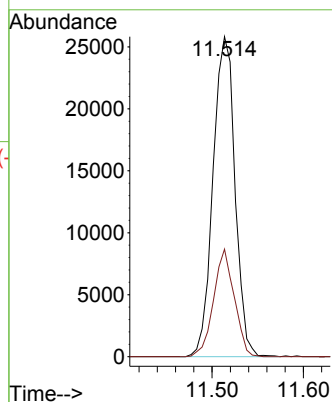
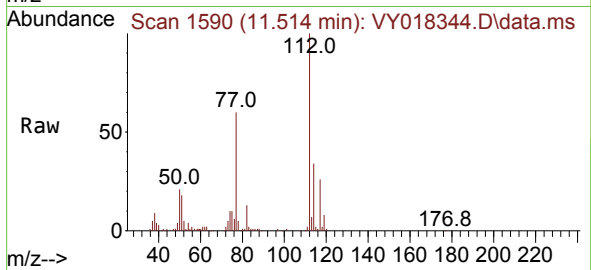




#65
Chlorobenzene
Concen: 9.686 ug/l
RT: 11.514 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

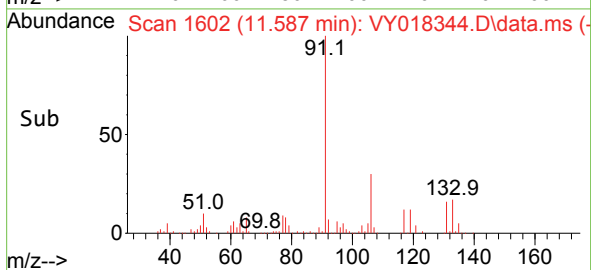
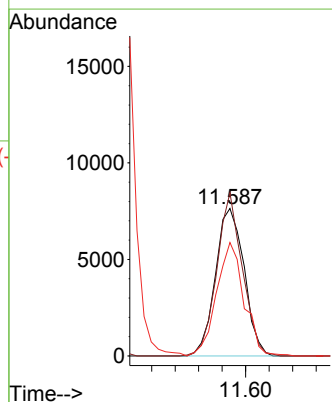
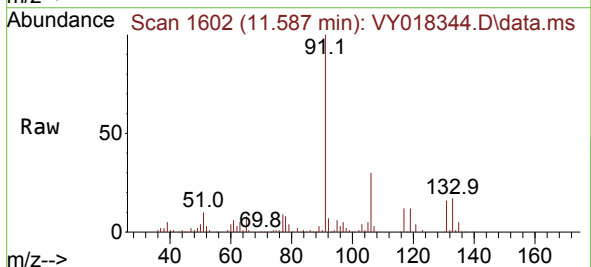
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

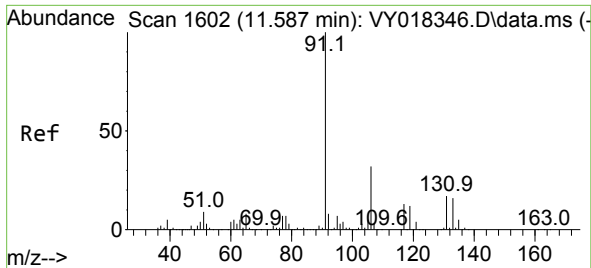
Tgt Ion:112 Resp: 43112
Ion Ratio Lower Upper
112 100
114 33.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.217 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion:131 Resp: 12977
Ion Ratio Lower Upper
131 100
133 98.5 47.8 143.3
119 73.8 34.1 102.2

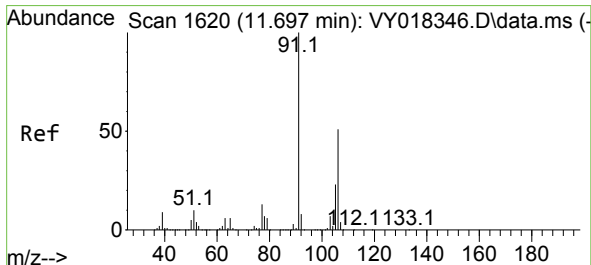
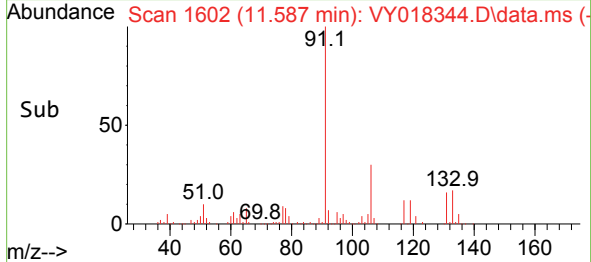
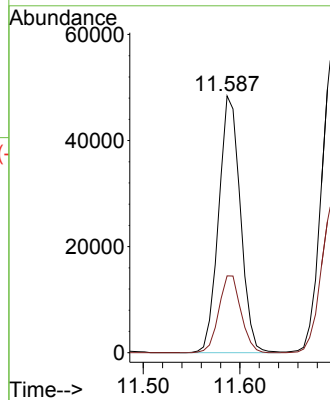
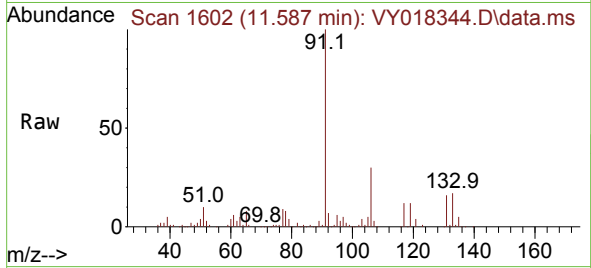




#67
Ethyl Benzene
Concen: 9.633 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

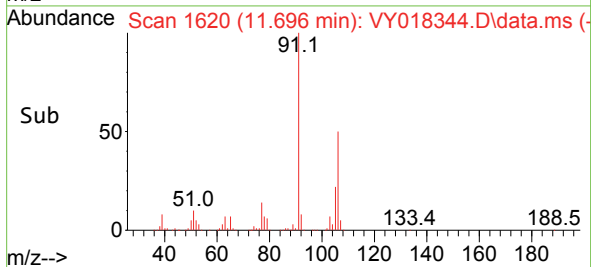
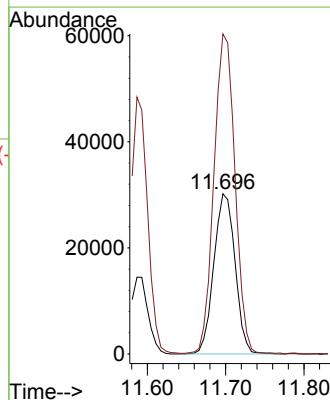
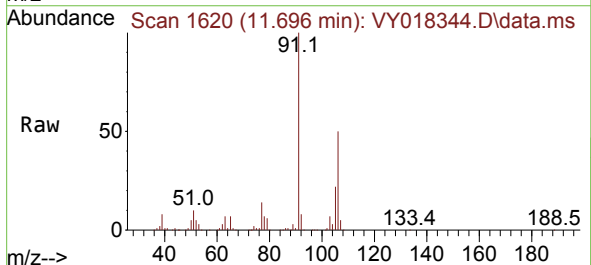
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

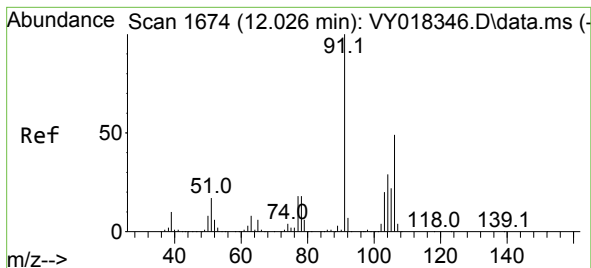
Tgt Ion: 91 Resp: 75291
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 18.945 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion:106 Resp: 56976
Ion Ratio Lower Upper
106 100
91 198.3 156.0 234.0





#69

o-Xylene

Concen: 9.558 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

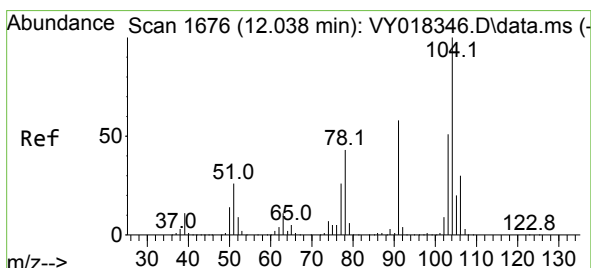
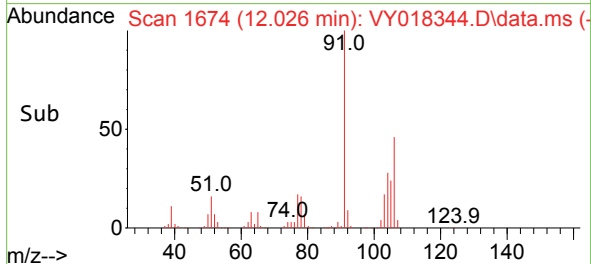
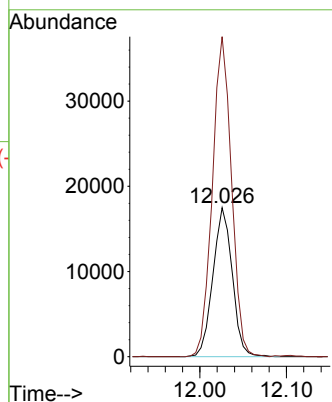
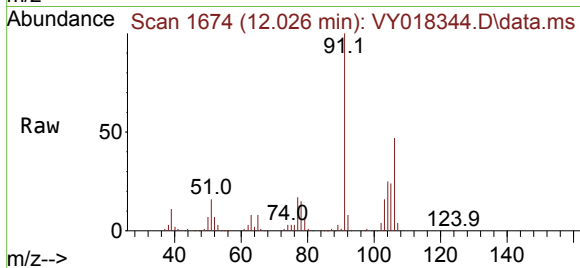
VSTDIC010

Tgt Ion:106 Resp: 27128

Ion Ratio Lower Upper

106 100

91 212.5 103.6 310.8



#70

Styrene

Concen: 9.317 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

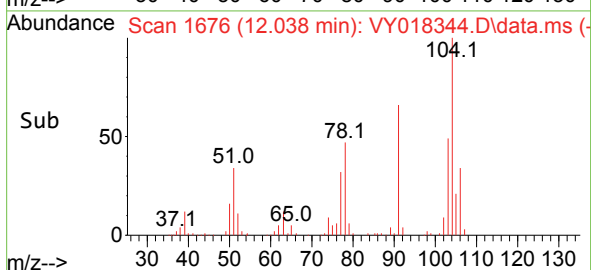
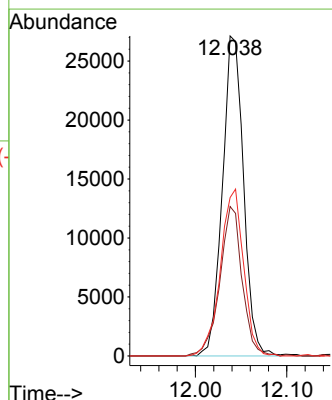
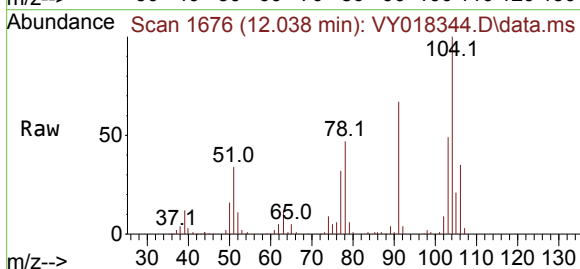
Tgt Ion:104 Resp: 43710

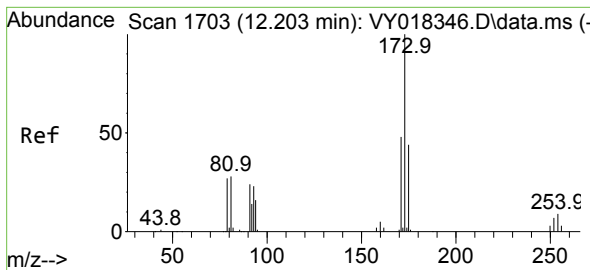
Ion Ratio Lower Upper

104 100

78 49.1 37.0 55.4

103 57.3 44.2 66.2





#71

Bromoform

Concen: 8.569 ug/l

RT: 12.202 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

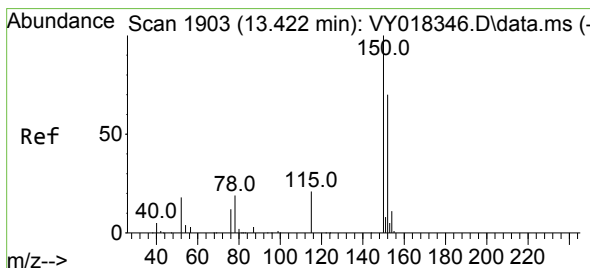
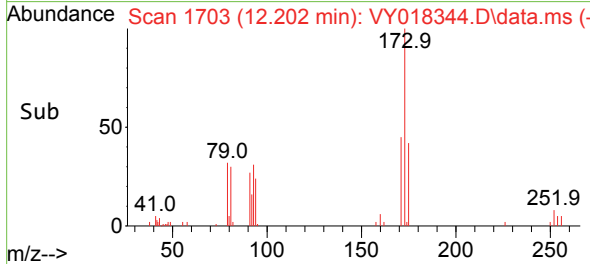
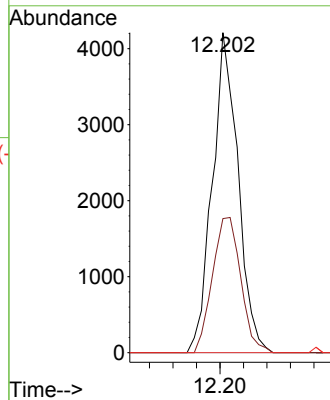
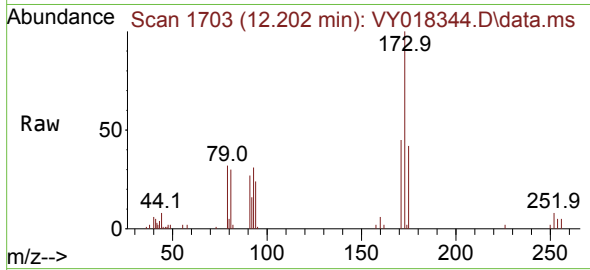
Tgt Ion:173 Resp: 6382

Ion Ratio Lower Upper

173 100

175 46.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

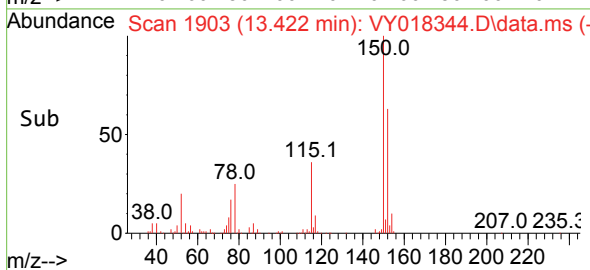
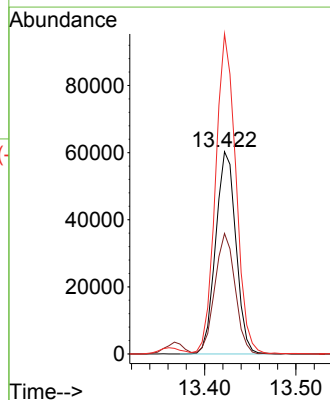
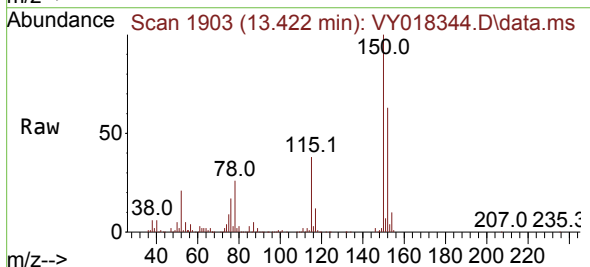
Tgt Ion:152 Resp: 92948

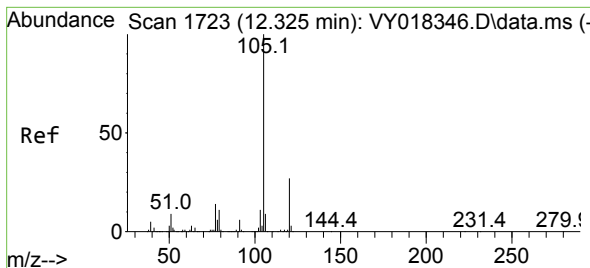
Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 159.1 0.0 345.6





#73

Isopropylbenzene

Concen: 9.826 ug/l

RT: 12.324 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

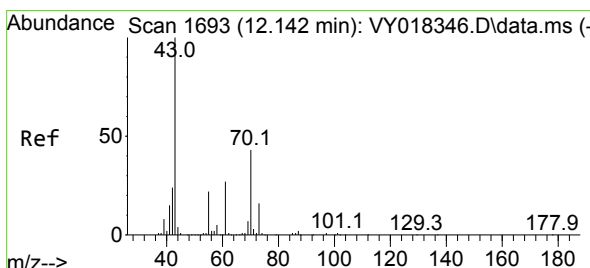
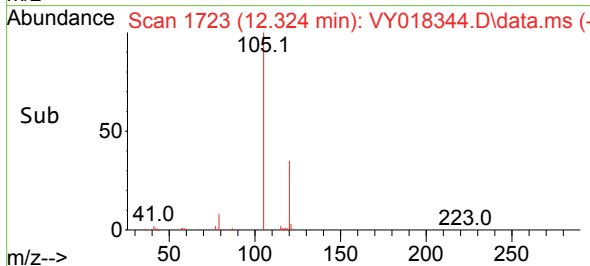
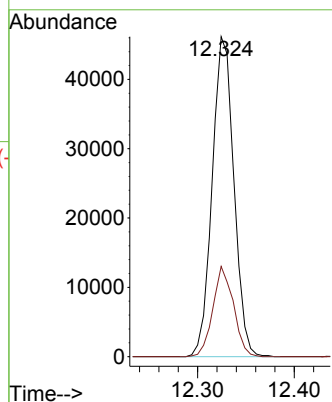
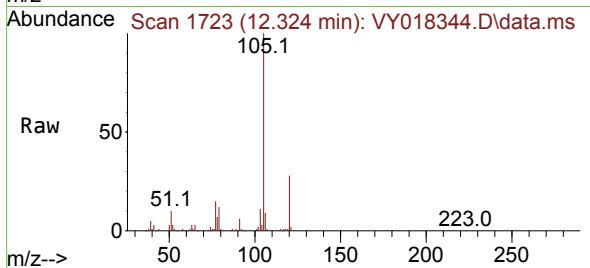
VSTDIC010

Tgt Ion:105 Resp: 71785

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 10.157 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Tgt Ion: 43 Resp: 17312

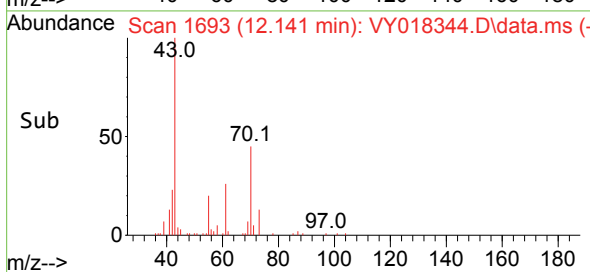
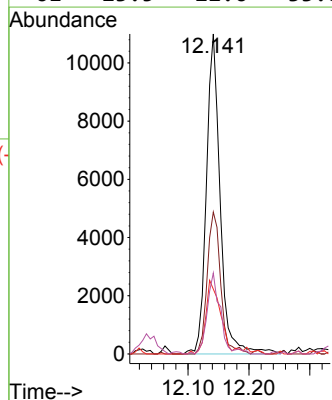
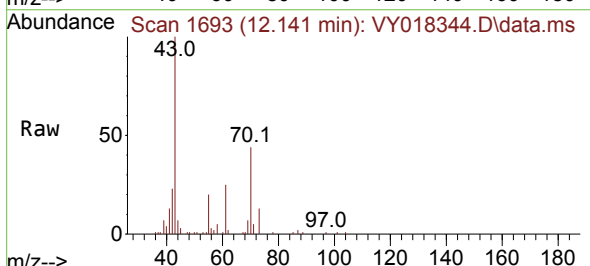
Ion Ratio Lower Upper

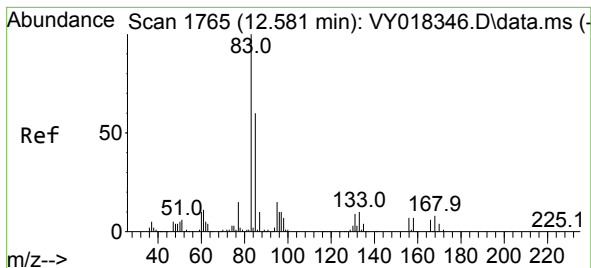
43 100

70 43.4 41.4 62.2

55 24.8 23.3 34.9

61 23.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.659 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

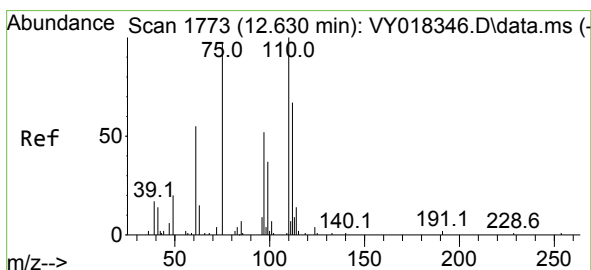
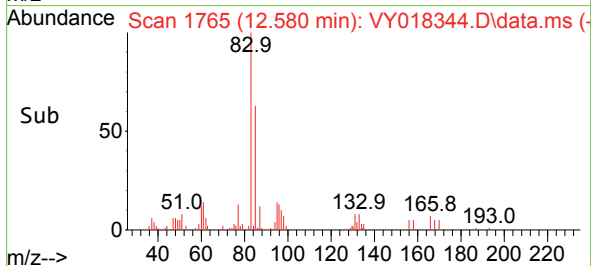
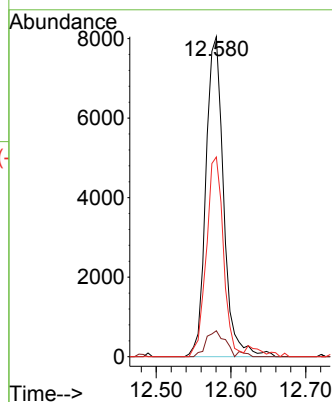
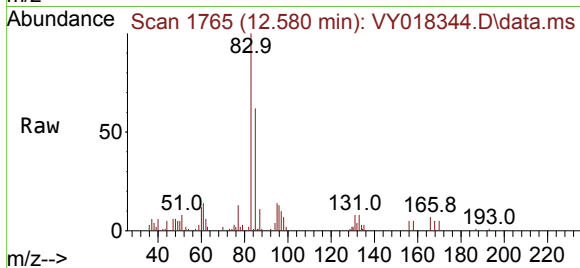
Tgt Ion: 83 Resp: 13268

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 60.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.346 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018344.D

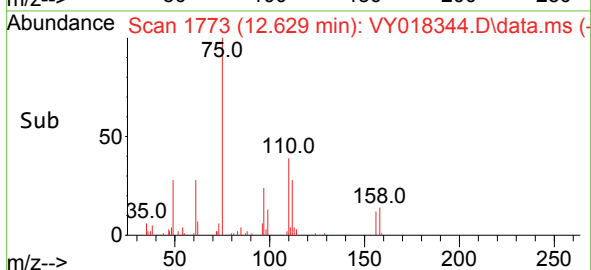
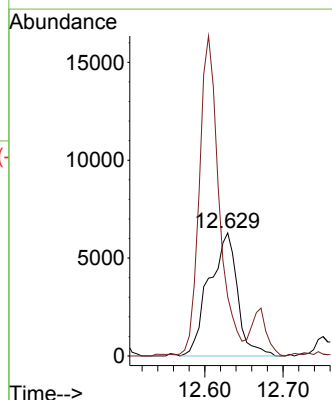
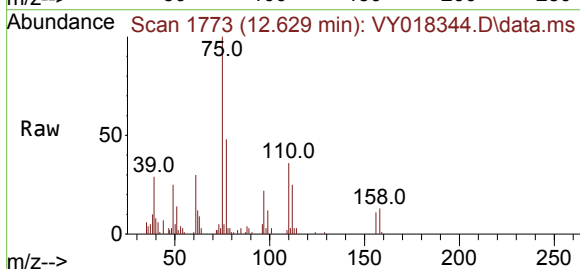
Acq: 22 May 2024 13:07

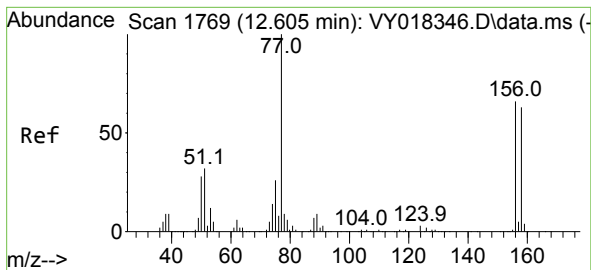
Tgt Ion: 75 Resp: 15854

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.244 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

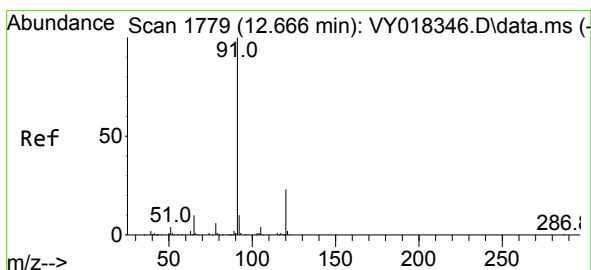
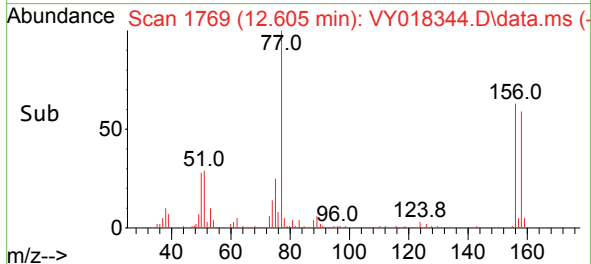
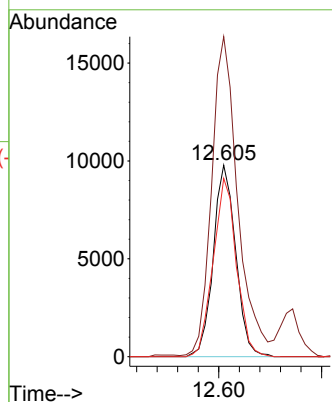
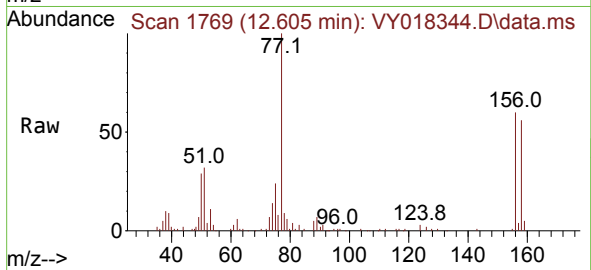
Tgt Ion:156 Resp: 14791

Ion Ratio Lower Upper

156 100

77 193.0 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 10.163 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018344.D

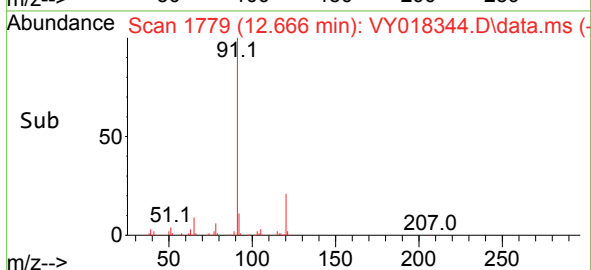
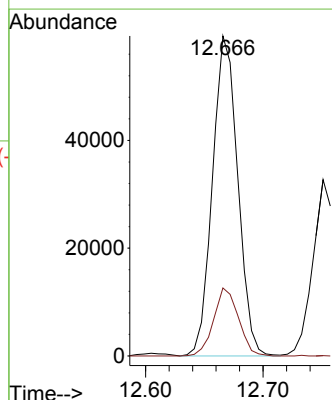
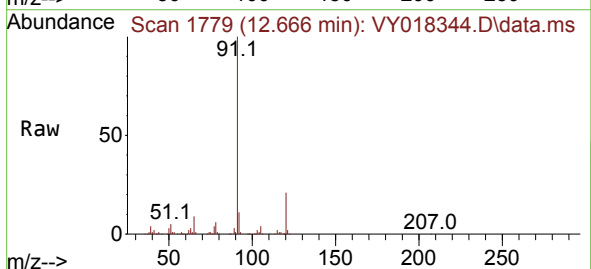
Acq: 22 May 2024 13:07

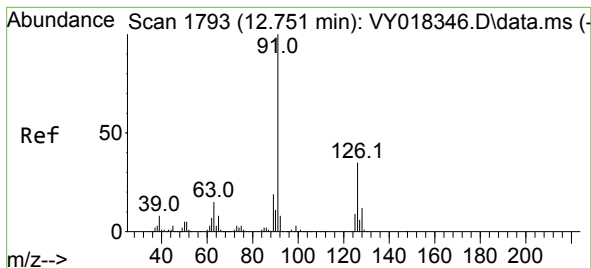
Tgt Ion: 91 Resp: 88901

Ion Ratio Lower Upper

91 100

120 20.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.165 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

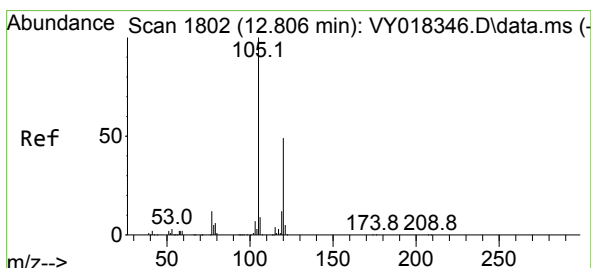
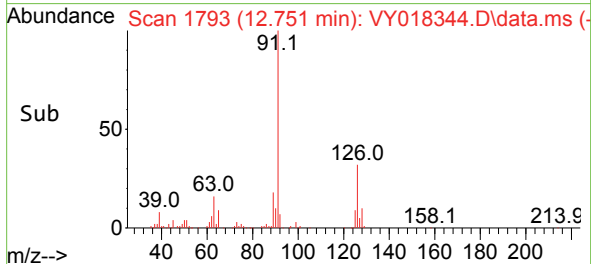
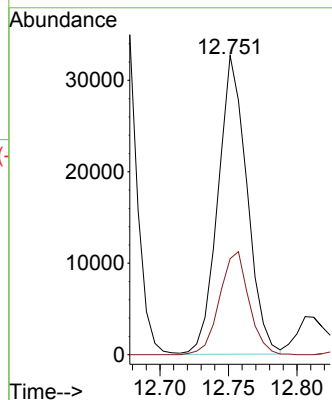
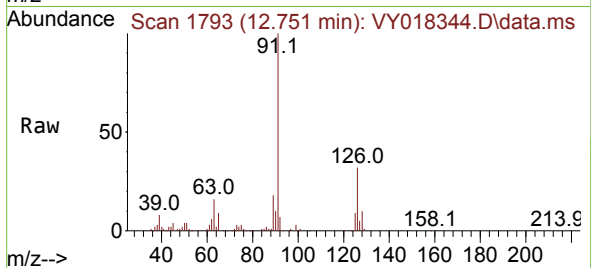
VSTDIC010

Tgt Ion: 91 Resp: 48141

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 9.754 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018344.D

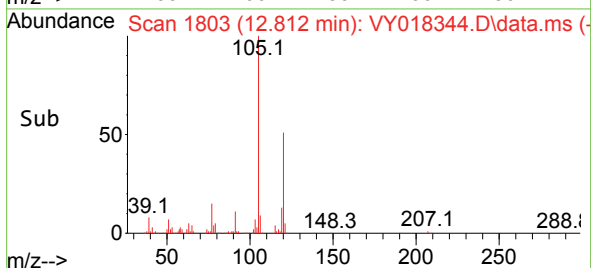
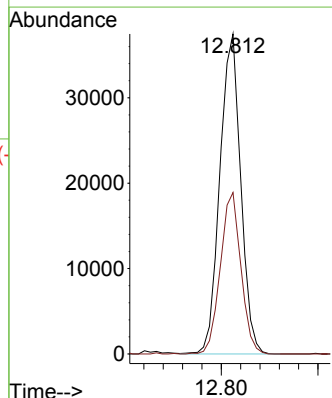
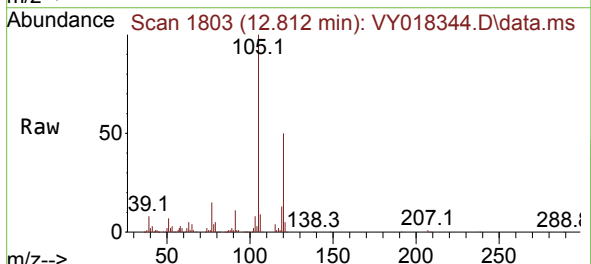
Acq: 22 May 2024 13:07

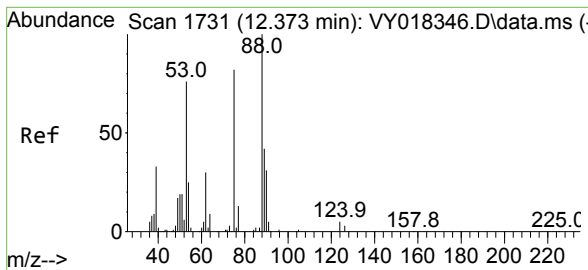
Tgt Ion: 105 Resp: 55997

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2

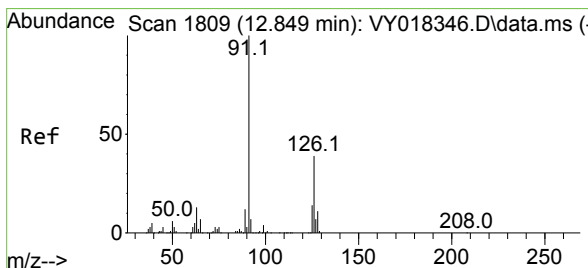
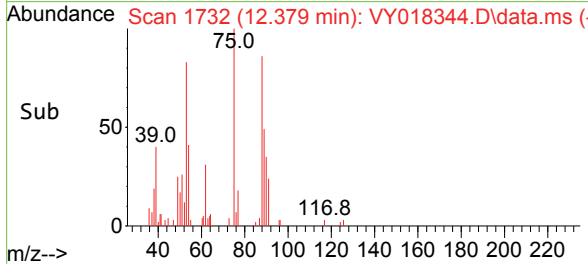
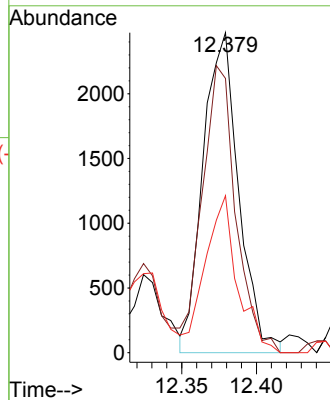
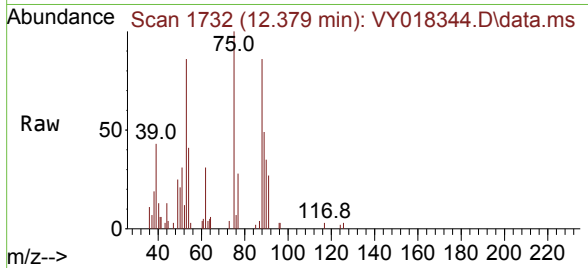




#81
trans-1,4-Dichloro-2-butene
Concen: 10.081 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

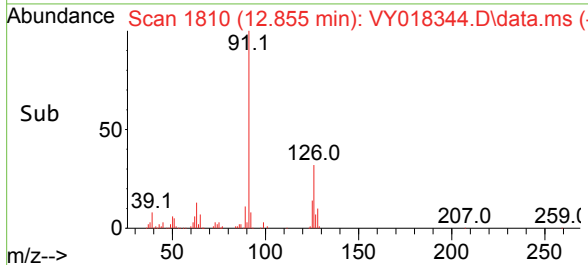
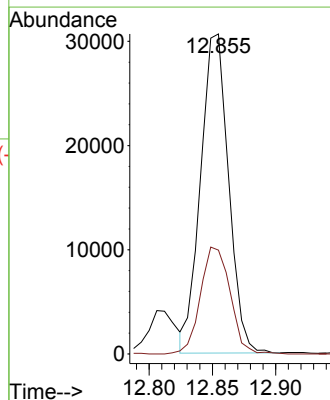
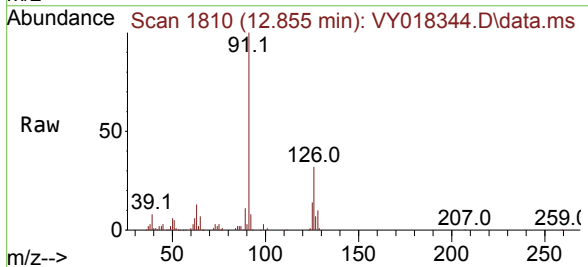
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

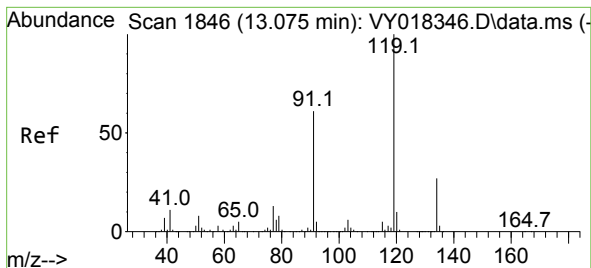
Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
53 84.3 66.8 100.2
89 44.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 9.831 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion: 91 Resp: 47204
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 9.817 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

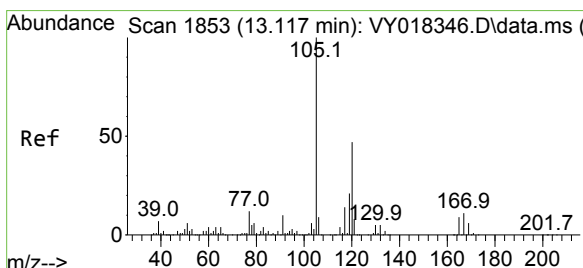
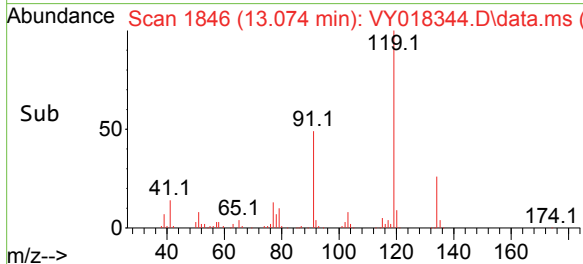
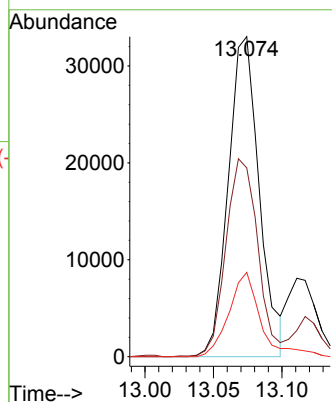
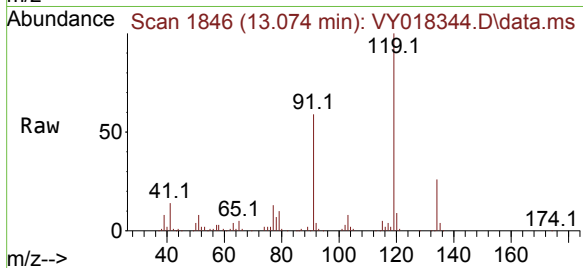
Tgt Ion:119 Resp: 52096

Ion Ratio Lower Upper

119 100

91 63.5 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 9.617 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018344.D

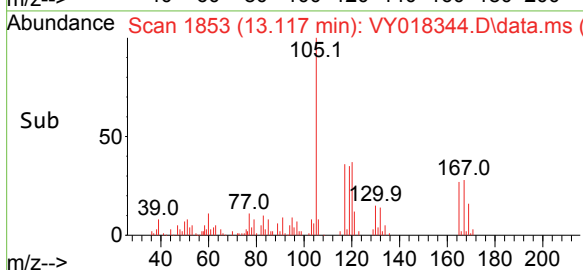
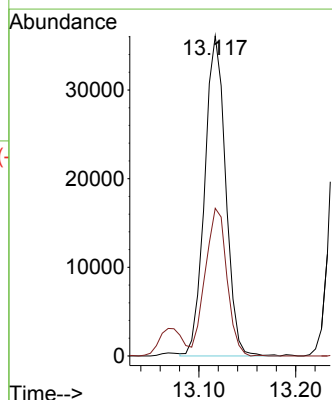
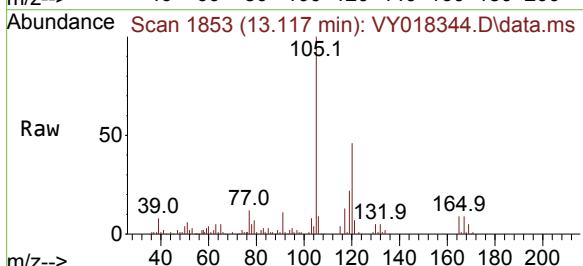
Acq: 22 May 2024 13:07

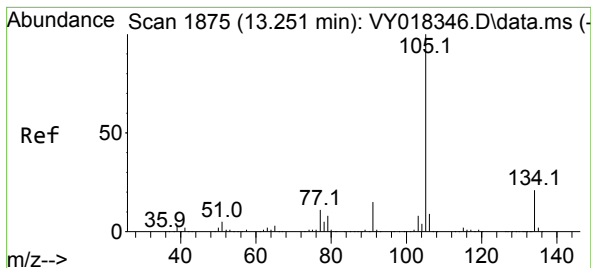
Tgt Ion:105 Resp: 54299

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 10.052 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

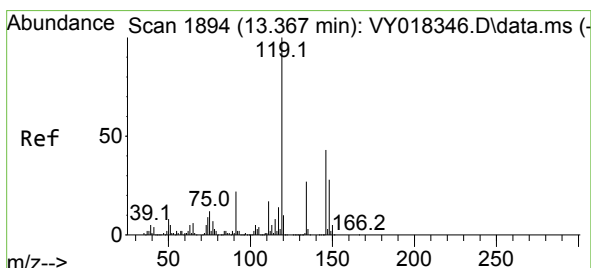
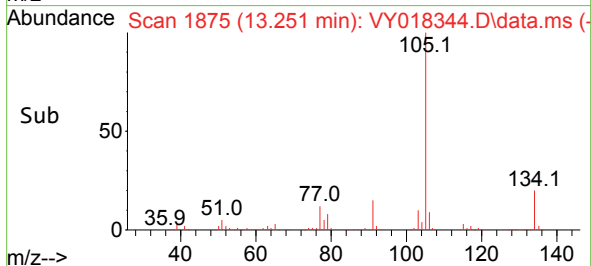
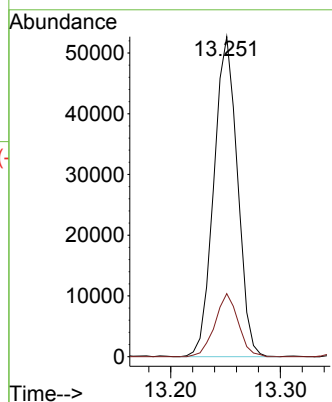
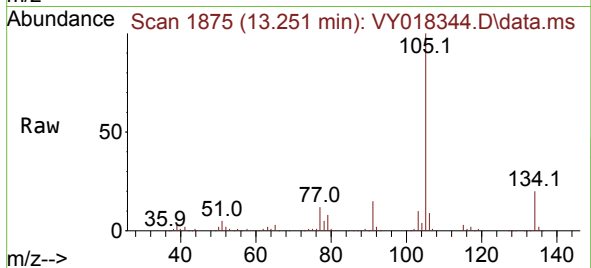
VSTDIC010

Tgt Ion:105 Resp: 78891

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.930 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

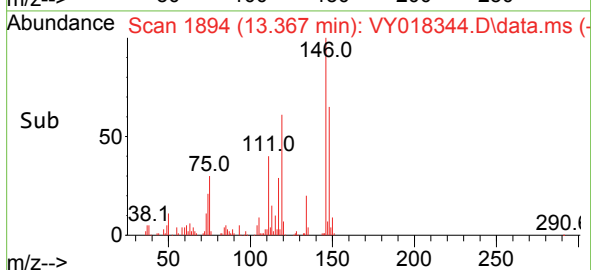
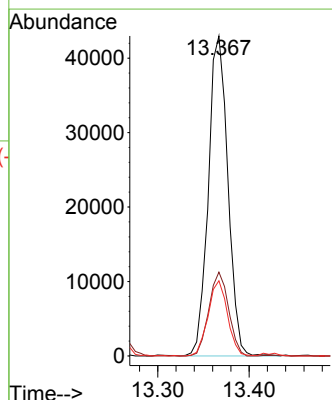
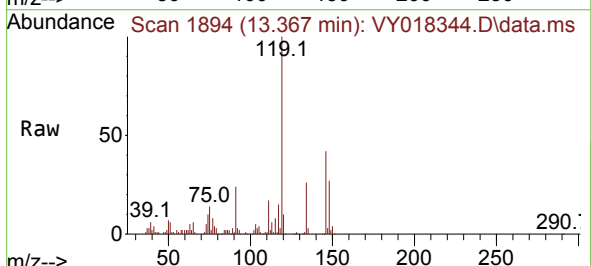
Tgt Ion:119 Resp: 63748

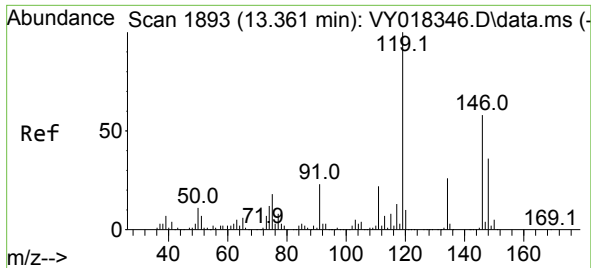
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.4 10.7 32.1

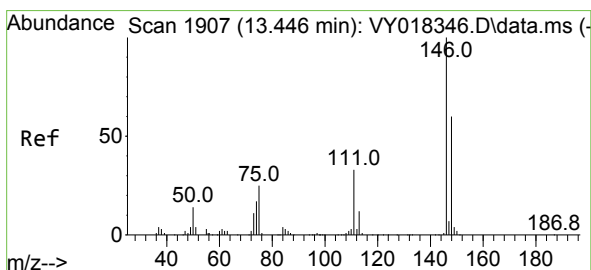
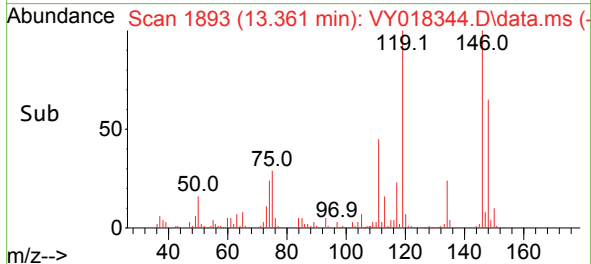
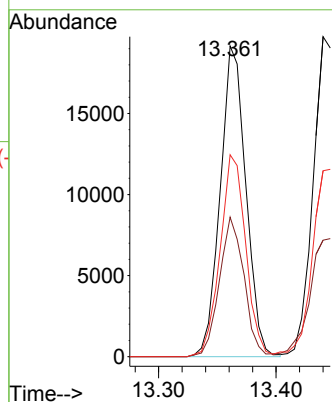
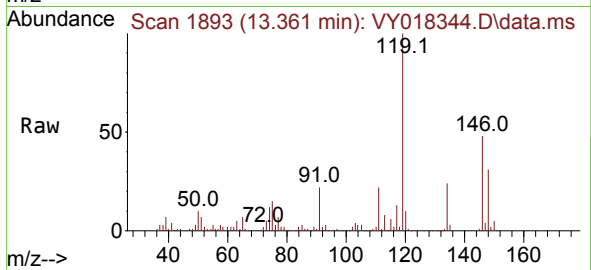




#87
1,3-Dichlorobenzene
Concen: 9.223 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

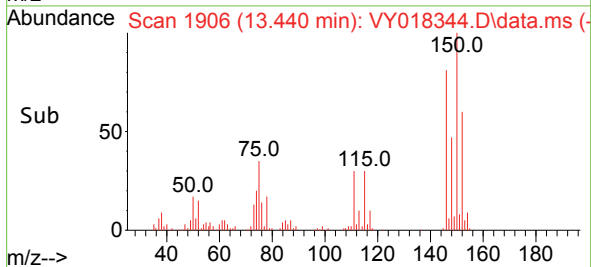
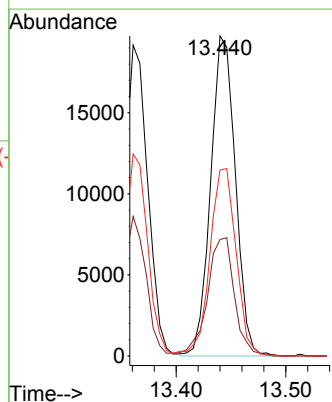
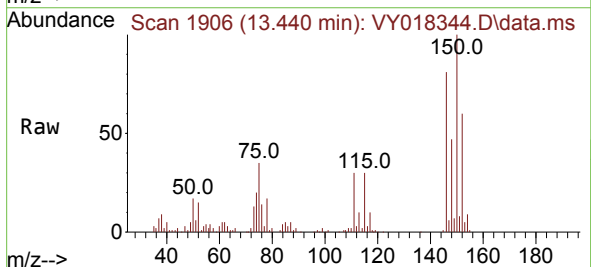
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

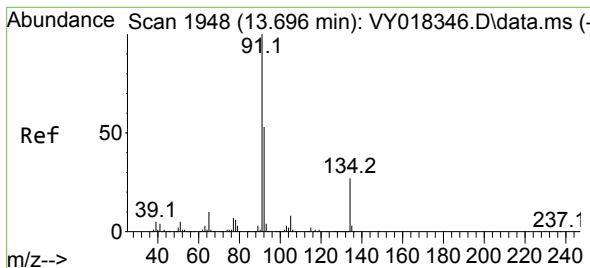
Tgt Ion:146 Resp: 29059
Ion Ratio Lower Upper
146 100
111 43.2 19.0 57.0
148 65.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 9.879 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion:146 Resp: 30981
Ion Ratio Lower Upper
146 100
111 40.6 18.4 55.4
148 62.0 32.4 97.2





#89

n-Butylbenzene

Concen: 9.923 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

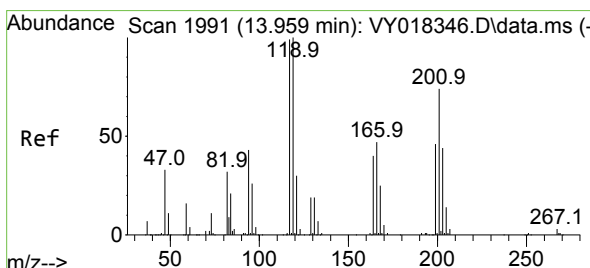
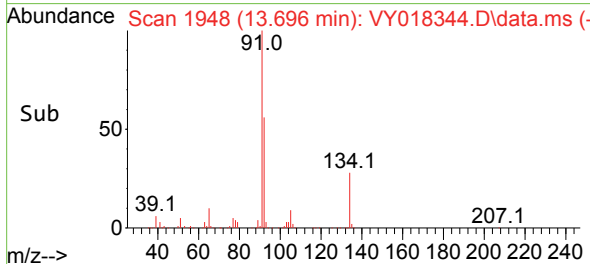
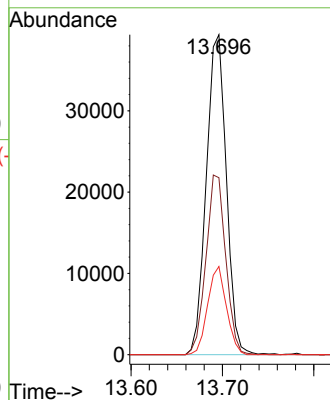
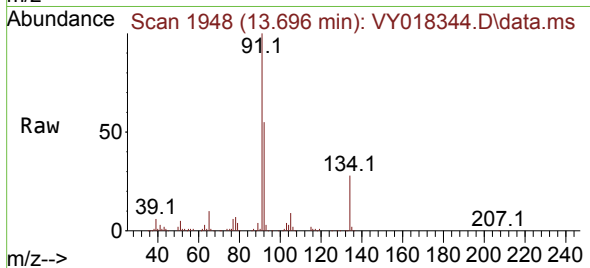
Tgt Ion: 91 Resp: 59862

Ion Ratio Lower Upper

91 100

92 55.4 26.6 79.7

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 8.980 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018344.D

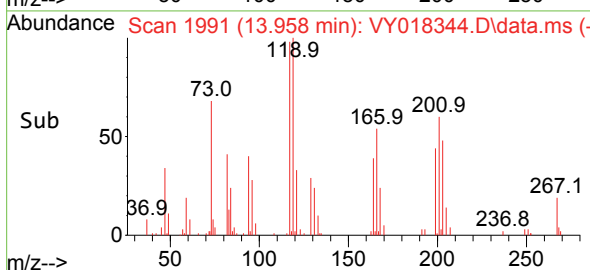
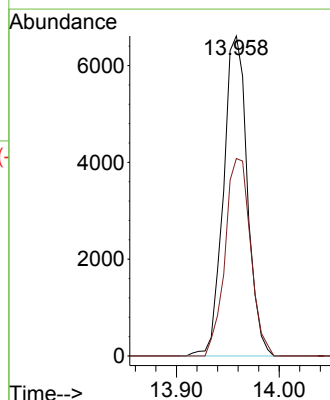
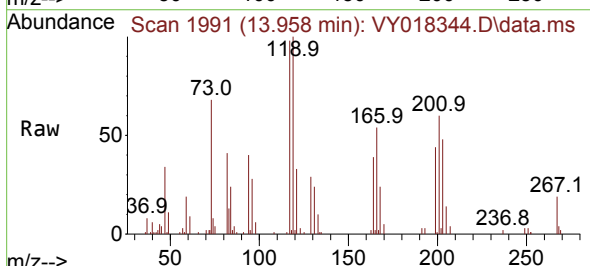
Acq: 22 May 2024 13:07

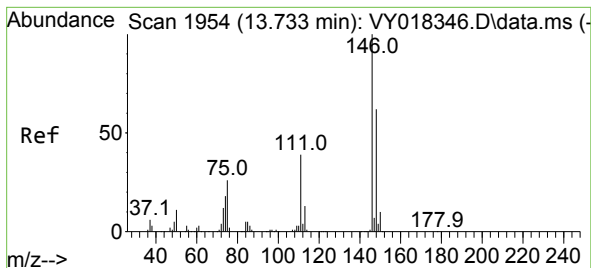
Tgt Ion: 117 Resp: 10646

Ion Ratio Lower Upper

117 100

201 66.1 37.4 112.2

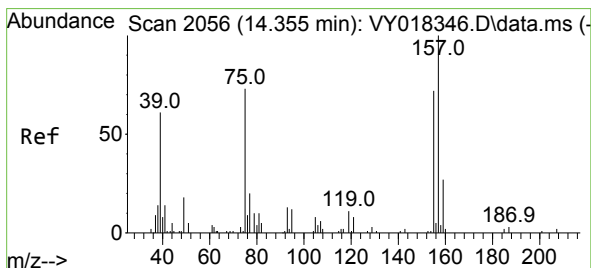
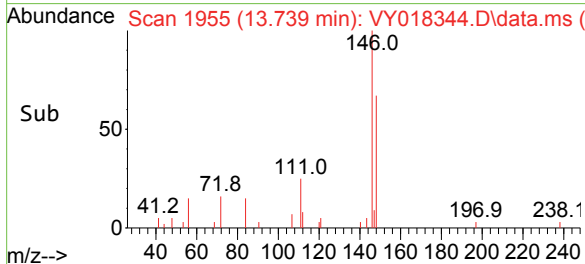
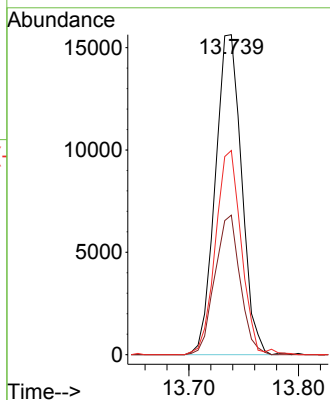
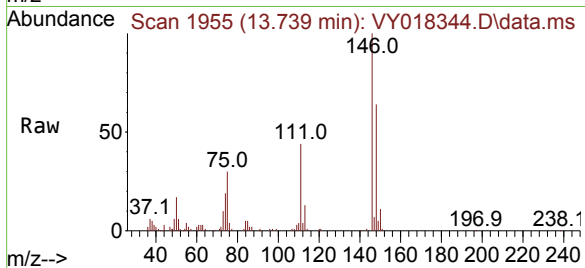




#91
1,2-Dichlorobenzene
Concen: 9.559 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

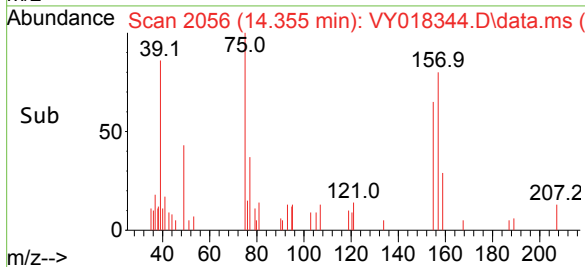
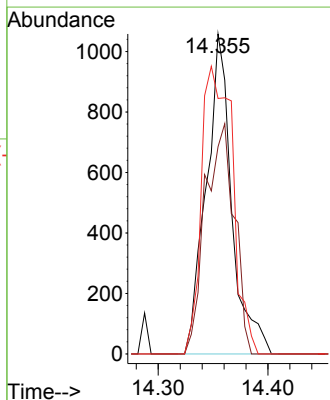
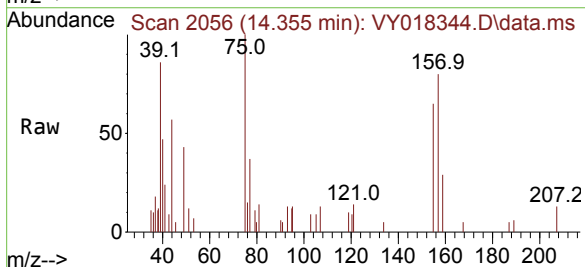
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

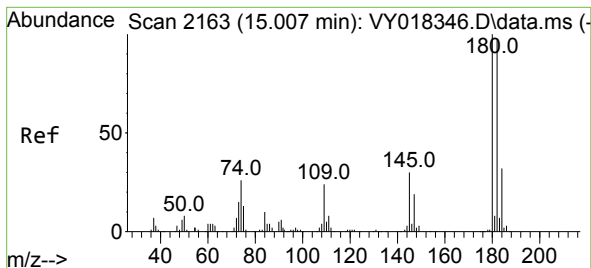
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.9	59.7
148	62.7	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.027 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018344.D
Acq: 22 May 2024 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	48.6	145.8
157	109.3	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 8.923 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

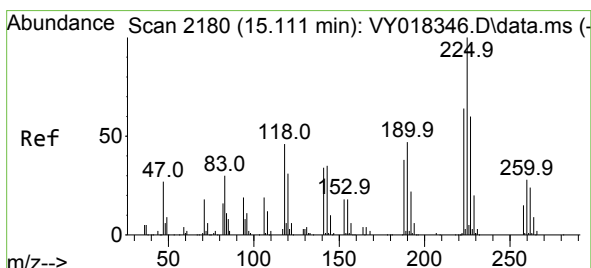
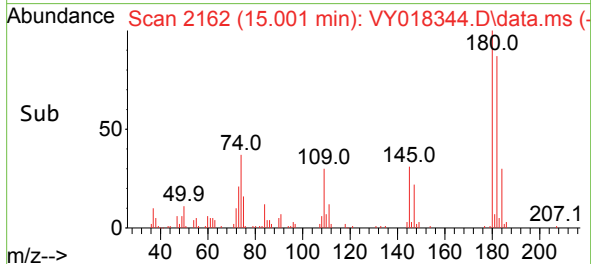
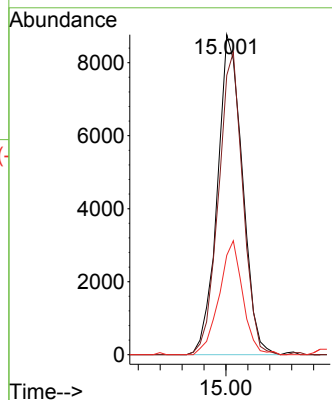
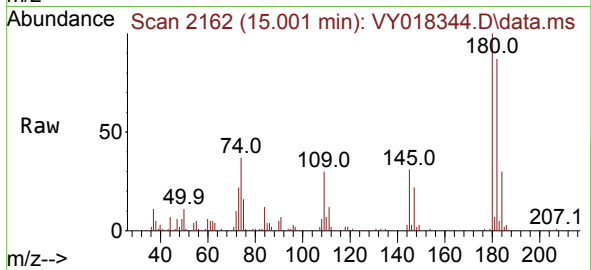
Tgt Ion:180 Resp: 13895

Ion Ratio Lower Upper

180 100

182 91.8 47.9 143.8

145 33.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 8.440 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

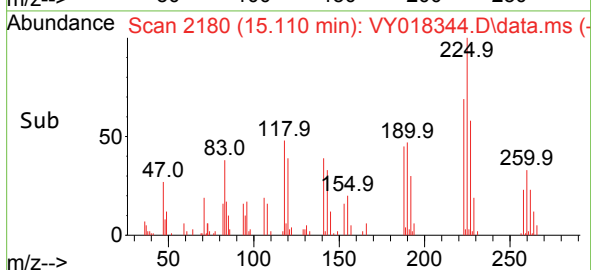
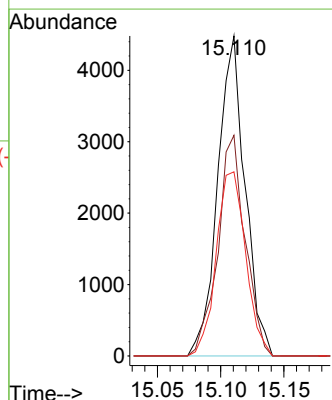
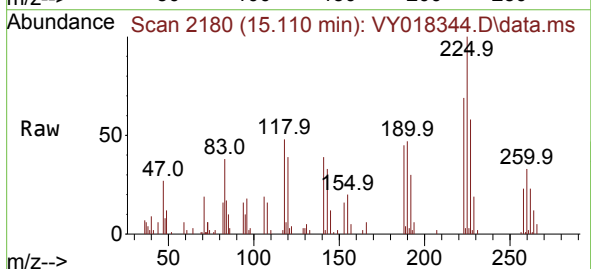
Tgt Ion:225 Resp: 6726

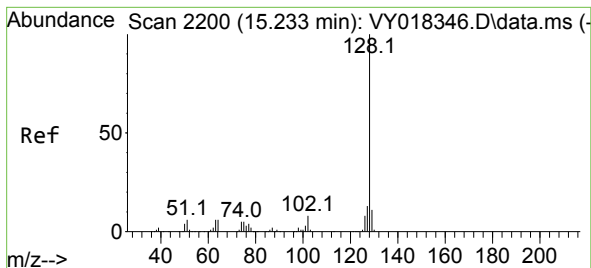
Ion Ratio Lower Upper

225 100

223 68.9 30.4 91.2

227 62.1 31.9 95.9





#95

Naphthalene

Concen: 8.705 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

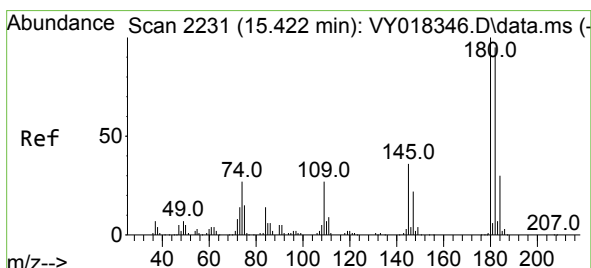
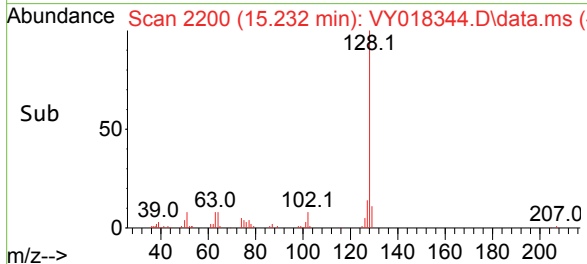
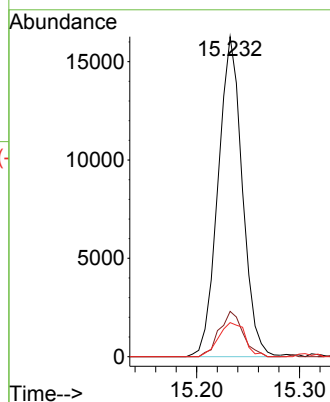
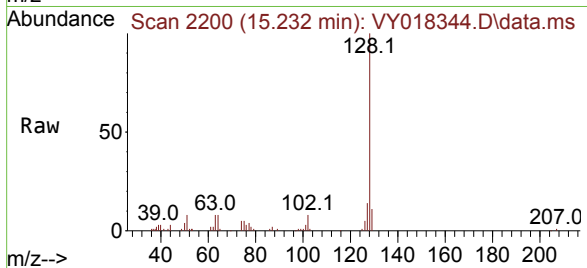
Tgt Ion:128 Resp: 26658

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 11.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 8.530 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018344.D

Acq: 22 May 2024 13:07

Tgt Ion:180 Resp: 11294

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 35.5 15.4 46.1

