

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018170.D
 Acq On : 07 May 2024 13:07
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 01:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	249242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	193831	105.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 211.420%#	
35) Dibromofluoromethane	7.710	113	228601	106.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 213.060%#	
50) Toluene-d8	10.179	98	903943	106.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 213.800%#	
62) 4-Bromofluorobenzene	12.483	95	282553	103.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 206.940%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	192830	97.556	ug/l	99
3) Chloromethane	2.107	50	265075	100.183	ug/l	98
4) Vinyl Chloride	2.247	62	323438	100.840	ug/l	98
5) Bromomethane	2.637	94	219947	98.740	ug/l	97
6) Chloroethane	2.784	64	201471	98.974	ug/l	98
7) Trichlorofluoromethane	3.113	101	377853	100.574	ug/l	98
8) Diethyl Ether	3.521	74	117792	95.240	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	239044	99.836	ug/l	99
10) Methyl Iodide	4.082	142	286823	102.583	ug/l	98
11) Tert butyl alcohol	4.942	59	72491	459.746	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	242900	100.772	ug/l	93
13) Acrolein	3.716	56	86906	489.366	ug/l	99
14) Allyl chloride	4.472	41	306919	100.091	ug/l	97
15) Acrylonitrile	5.149	53	228218	479.834	ug/l	99
16) Acetone	3.936	43	197179	538.870	ug/l	98
17) Carbon Disulfide	4.186	76	696028	106.070	ug/l	99
18) Methyl Acetate	4.466	43	87580	84.023	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	508290	94.666	ug/l	100
20) Methylene Chloride	4.704	84	250371	96.805	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	251440	98.408	ug/l	95
22) Diisopropyl ether	6.112	45	609583	93.712	ug/l	96
23) Vinyl Acetate	6.051	43	1919902	485.608	ug/l	99
24) 1,1-Dichloroethane	6.009	63	389168	97.136	ug/l	99
25) 2-Butanone	6.978	43	282258	482.567	ug/l	98
26) 2,2-Dichloropropane	6.972	77	358162	98.773	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	291200	96.439	ug/l	97
28) Bromochloromethane	7.326	49	160085	99.970	ug/l	96
29) Tetrahydrofuran	7.338	42	176143	456.220	ug/l	95
30) Chloroform	7.496	83	395083	94.460	ug/l	97
31) Cyclohexane	7.777	56	353630	101.354	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	366633	97.800	ug/l	99
36) 1,1-Dichloropropene	7.911	75	301259	97.932	ug/l	98
37) Ethyl Acetate	7.063	43	123764	95.590	ug/l #	95
38) Carbon Tetrachloride	7.893	117	335347	99.768	ug/l	99
39) Methylcyclohexane	9.179	83	438527	98.814	ug/l	99
40) Benzene	8.155	78	953061	96.318	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	67923	90.848	ug/l	94
42) 1,2-Dichloroethane	8.228	62	206320	95.832	ug/l	98
43) Isopropyl Acetate	8.264	43	250337	94.329	ug/l	96
44) Trichloroethene	8.935	130	262239	97.354	ug/l	97
45) 1,2-Dichloropropane	9.209	63	206241	95.337	ug/l	96
46) Dibromomethane	9.301	93	117563	94.533	ug/l	96
47) Bromodichloromethane	9.496	83	295817	96.217	ug/l	97
48) Methyl methacrylate	9.289	41	114008	93.733	ug/l	92
49) 1,4-Dioxane	9.295	88	29036	1758.936	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	629731	472.112	ug/l	96
52) Toluene	10.240	92	610524	95.841	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	281004	97.851	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	339527	96.721	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	158686	92.885	ug/l	97
56) Ethyl methacrylate	10.508	69	220850	95.184	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	262810	94.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	575978	519.869	ug/l	96
59) 2-Hexanone	10.831	43	453164	485.892	ug/l	95
60) Dibromochloromethane	10.983	129	211841	95.574	ug/l	99
61) 1,2-Dibromoethane	11.087	107	151352	94.058	ug/l	99
64) Tetrachloroethene	10.721	164	223643	98.302	ug/l	96
65) Chlorobenzene	11.514	112	678601	97.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	220071	97.762	ug/l	99
67) Ethyl Benzene	11.593	91	1157245	98.486	ug/l	95
68) m/p-Xylenes	11.703	106	918073	197.574	ug/l	96
69) o-Xylene	12.026	106	429713	96.364	ug/l	97
70) Styrene	12.044	104	731829	98.272	ug/l	98
71) Bromoform	12.209	173	121028	97.170	ug/l #	98
73) Isopropylbenzene	12.331	105	1111393	96.474	ug/l	98
74) N-amyl acetate	12.142	43	235131	98.322	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	168902	91.909	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	215457	175.186	ug/l #	100
77) Bromobenzene	12.611	156	254812	96.282	ug/l	94
78) n-propylbenzene	12.672	91	1301159	97.105	ug/l	97
79) 2-Chlorotoluene	12.758	91	711791	95.593	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	876896	96.532	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	61740	96.719	ug/l	98
82) 4-Chlorotoluene	12.855	91	725951	97.060	ug/l	97
83) tert-Butylbenzene	13.075	119	812038	96.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	865057	97.215	ug/l	98
85) sec-Butylbenzene	13.251	105	1192033	96.989	ug/l	97
86) p-Isopropyltoluene	13.367	119	993501	98.262	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	495467	96.941	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	480387	96.414	ug/l	99
89) n-Butylbenzene	13.696	91	909107	99.352	ug/l	98
90) Hexachloroethane	13.959	117	196066	98.845	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	422987	96.287	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23939	95.668	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	257966	104.454	ug/l	97
94) Hexachlorobutadiene	15.111	225	138628	101.736	ug/l	99
95) Naphthalene	15.239	128	459464	101.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	206757	102.014	ug/l	97

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QLast Update : Wed May 08 00:59:30 2024
Response via : Initial Calibration

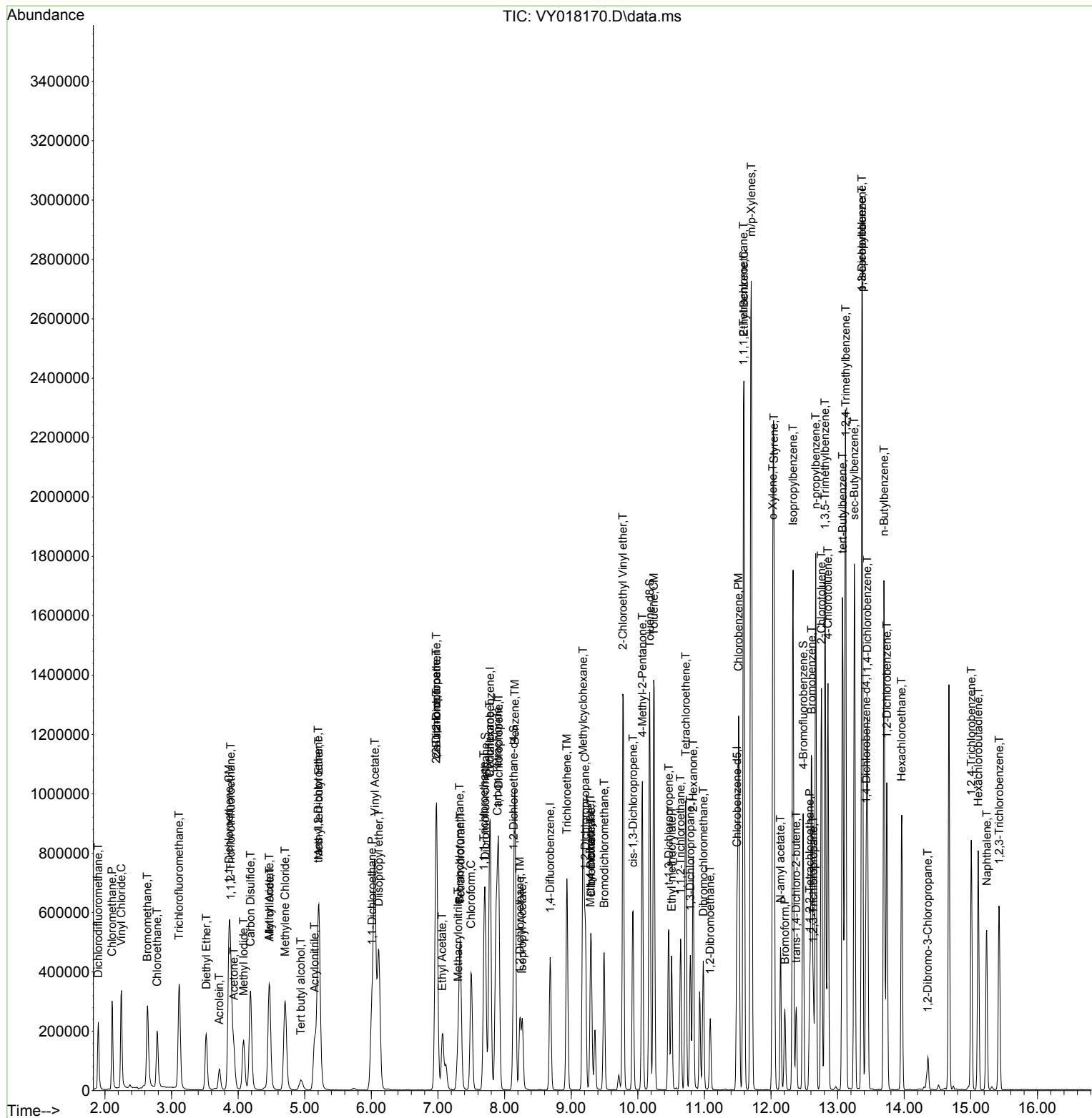
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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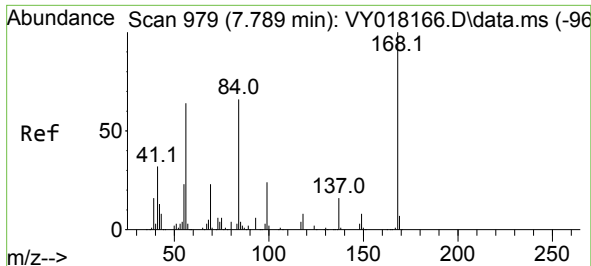
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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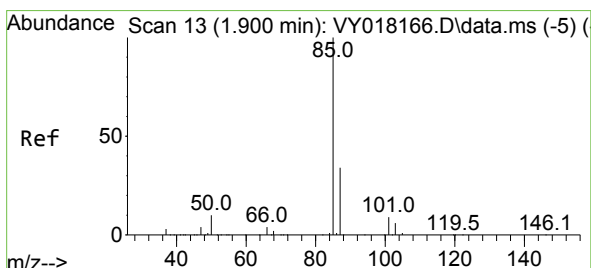
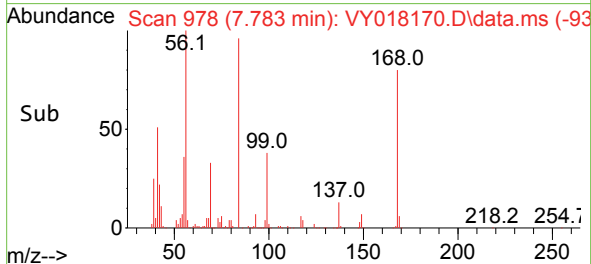
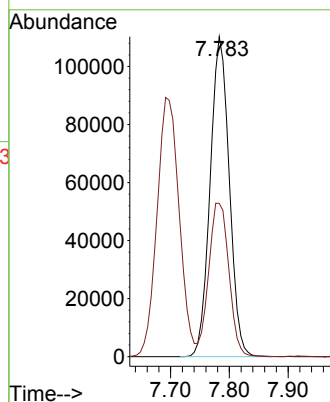
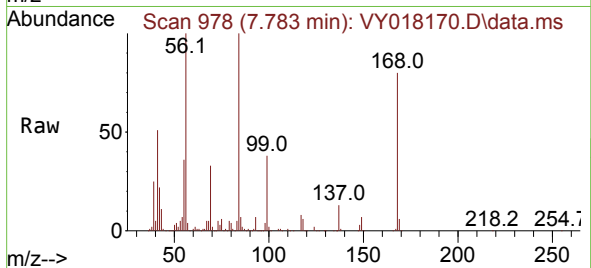




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

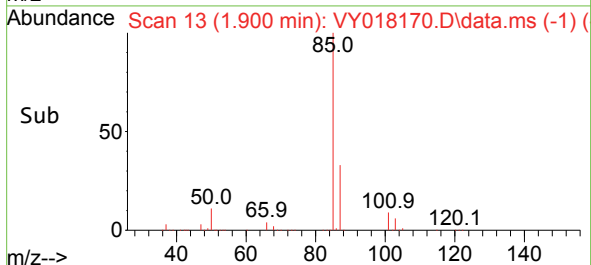
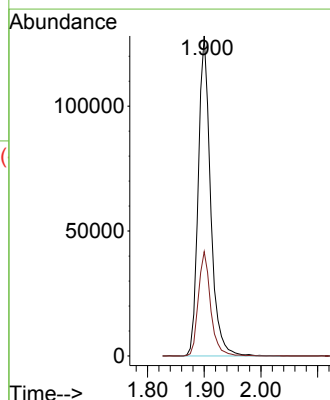
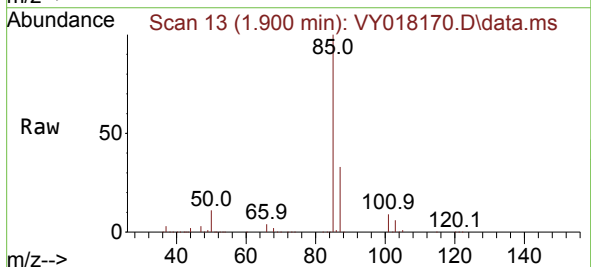
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

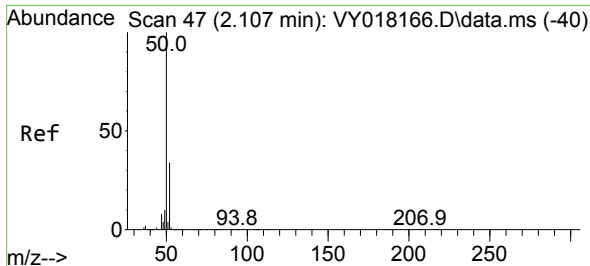
Tgt Ion:168 Resp: 249242
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 97.556 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 85 Resp: 192830
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

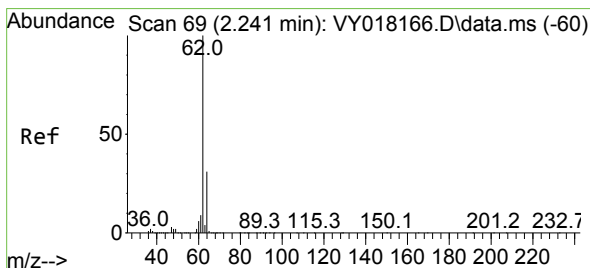
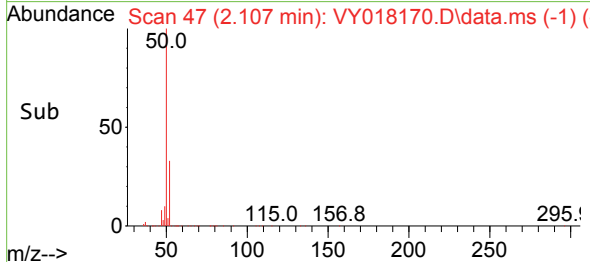
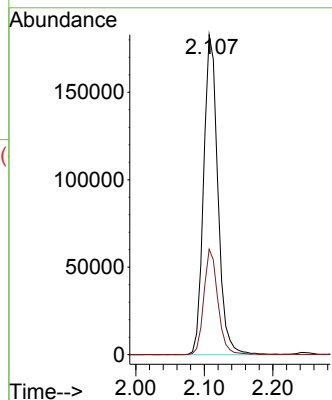
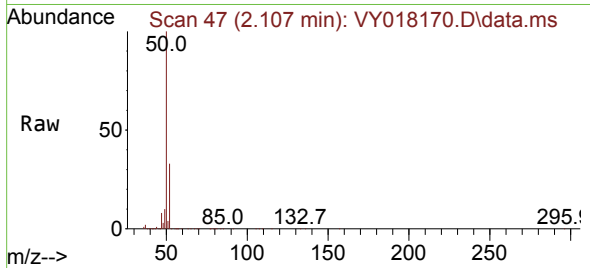




#3
Chloromethane
Concen: 100.183 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

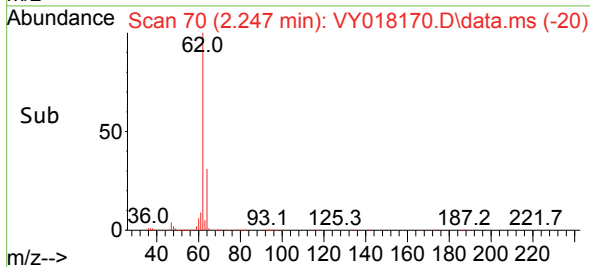
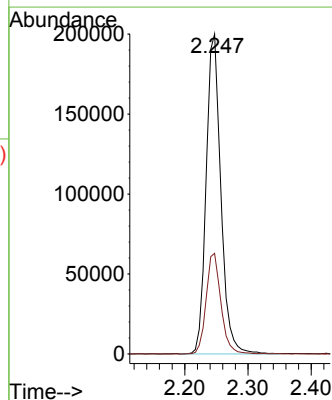
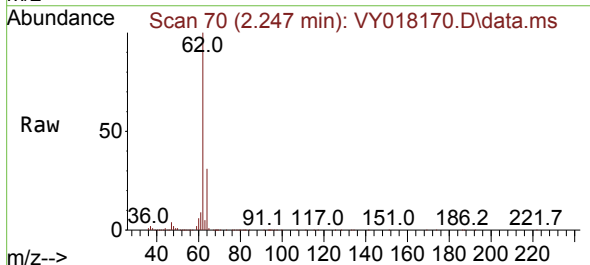
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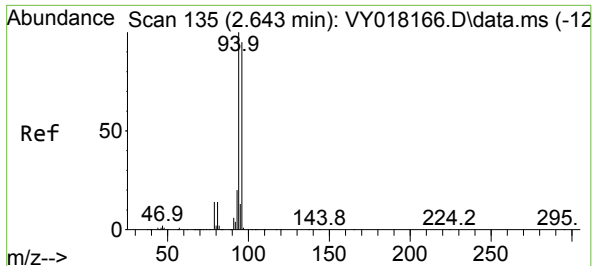
Tgt Ion: 50 Resp: 265075
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 100.840 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 62 Resp: 323438
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

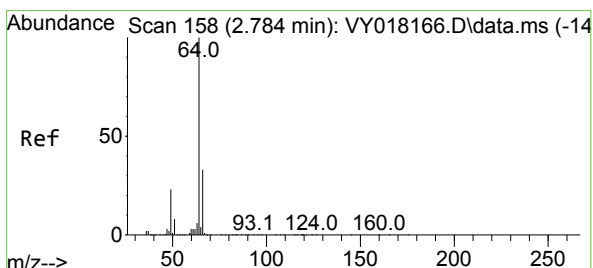
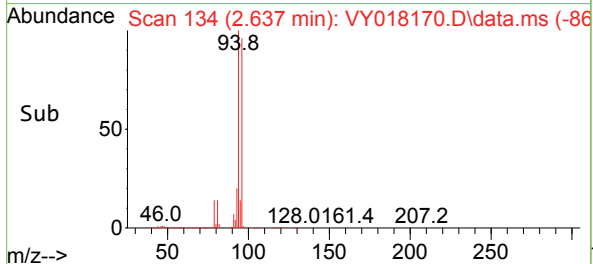
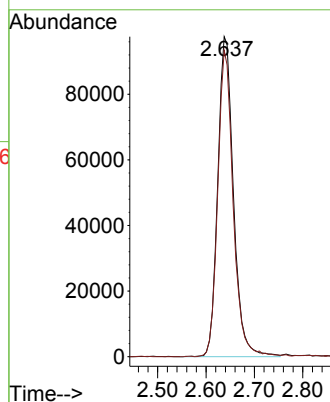
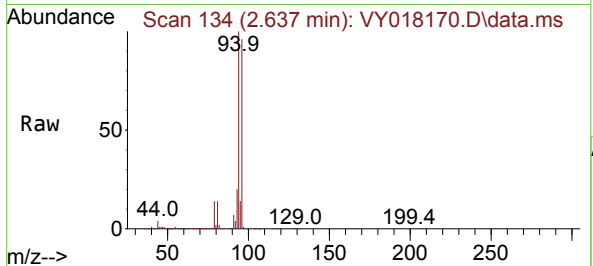




#5
Bromomethane
Concen: 98.740 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

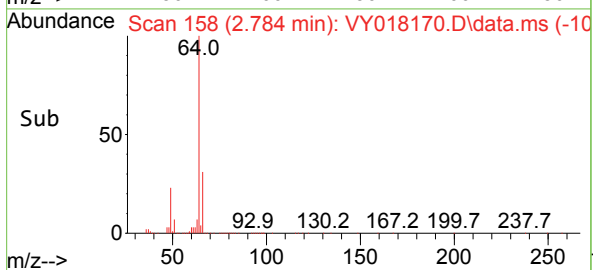
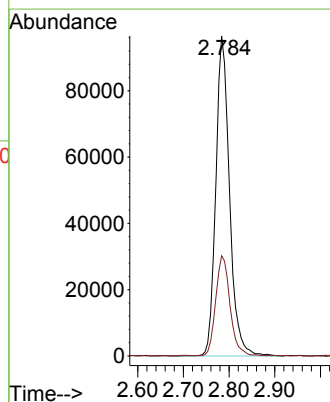
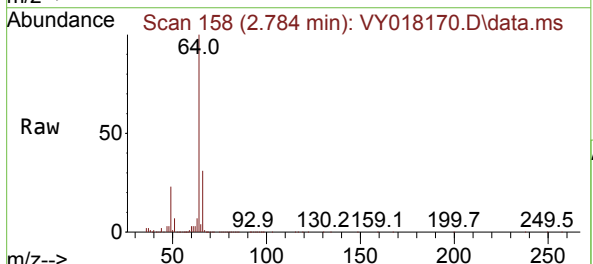
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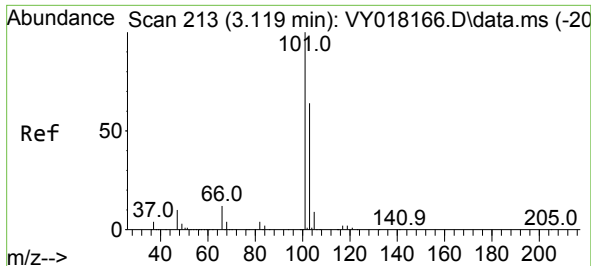
Tgt Ion: 94 Resp: 219947
Ion Ratio Lower Upper
94 100
96 95.7 74.1 111.1



#6
Chloroethane
Concen: 98.974 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 64 Resp: 201471
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1

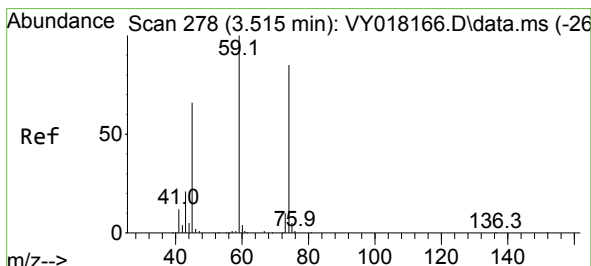
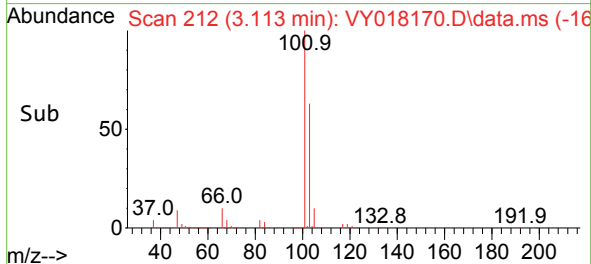
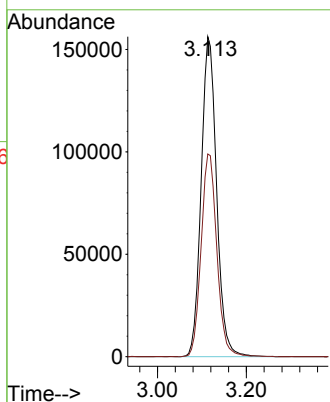
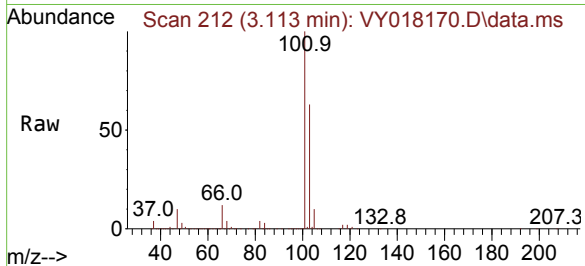




#7
 Trichlorofluoromethane
 Concen: 100.574 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

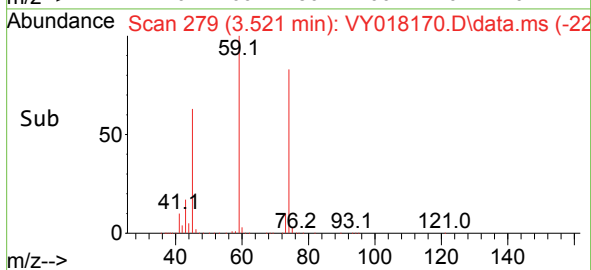
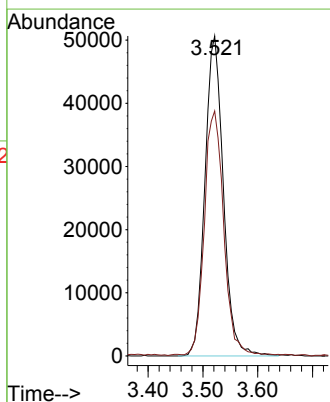
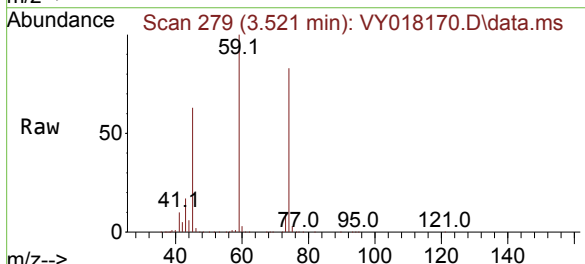
Instrument :
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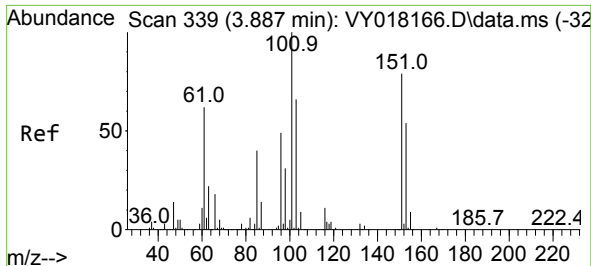
Tgt Ion:101 Resp: 377853
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 95.240 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018170.D
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Tgt Ion: 74 Resp: 117792
 Ion Ratio Lower Upper
 74 100
 45 80.9 41.3 124.1

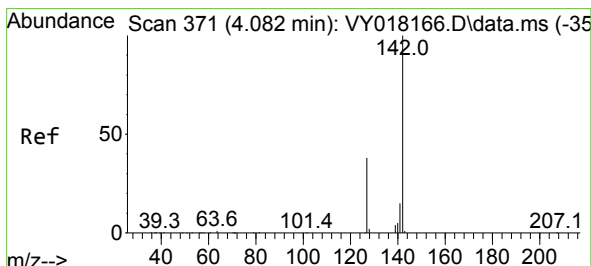
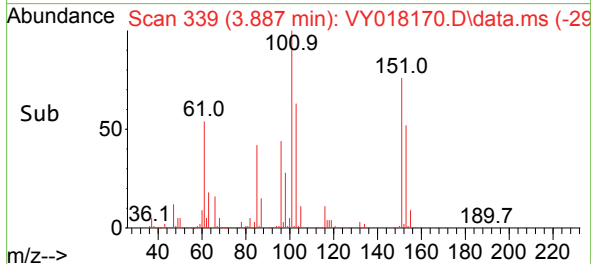
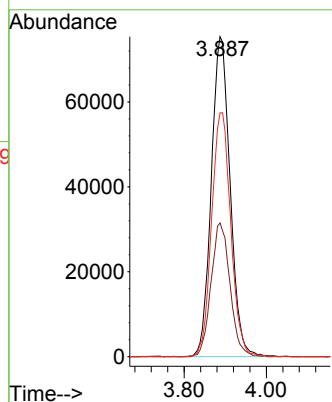
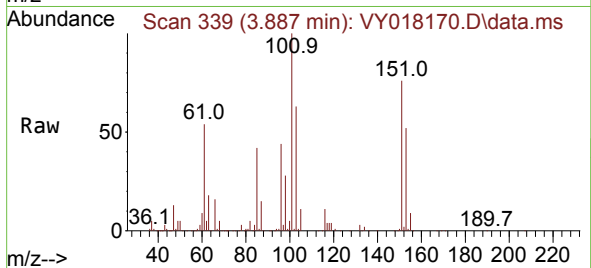




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.836 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

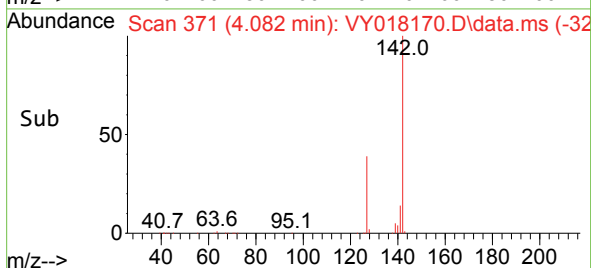
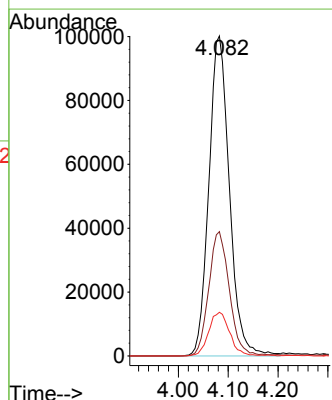
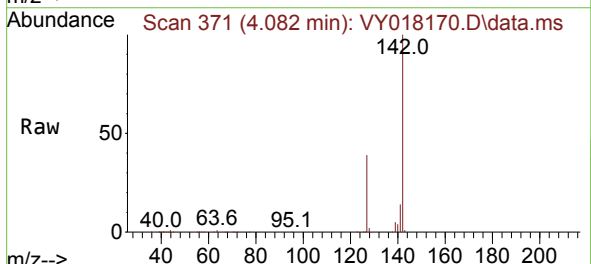
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

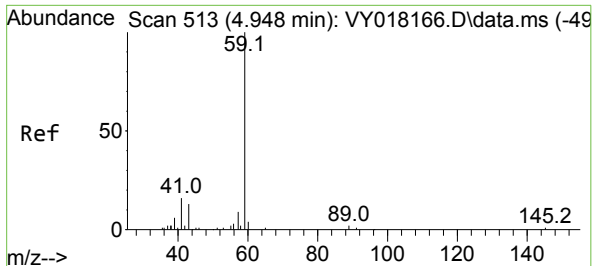
Tgt Ion:101 Resp: 239044
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 77.9 61.7 92.5



#10
Methyl Iodide
Concen: 102.583 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion:142 Resp: 286823
Ion Ratio Lower Upper
142 100
127 39.3 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 459.746 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

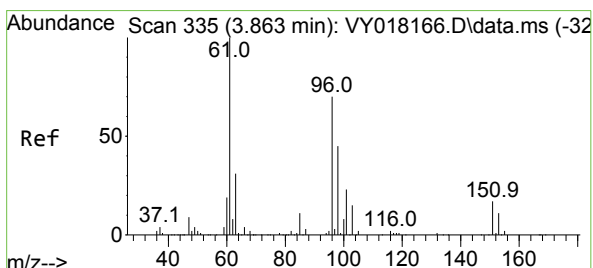
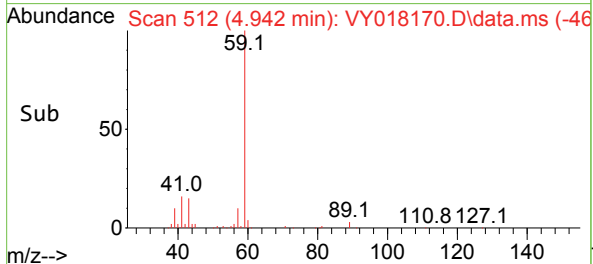
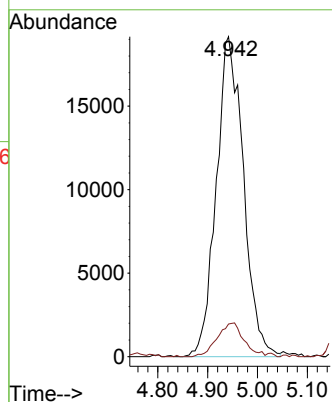
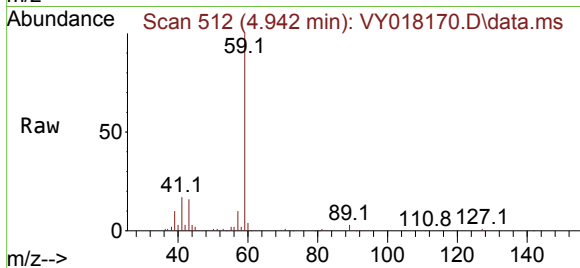
VSTDIC100

Tgt Ion: 59 Resp: 72491

Ion Ratio Lower Upper

59 100

57 10.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 100.772 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

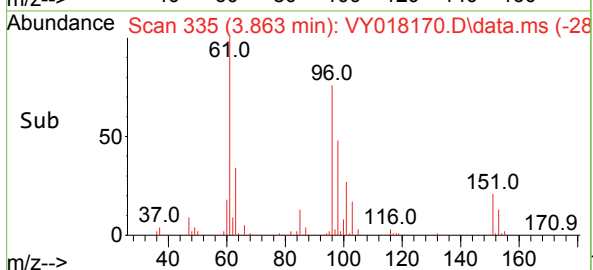
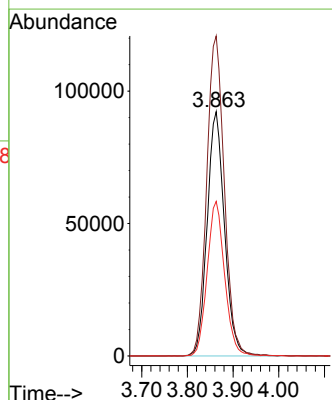
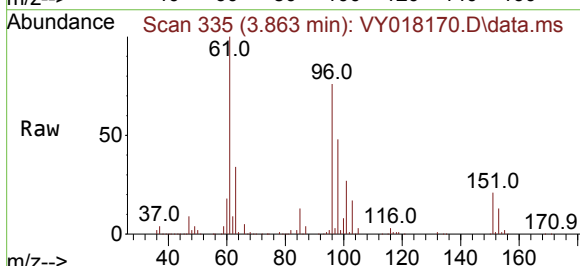
Tgt Ion: 96 Resp: 242900

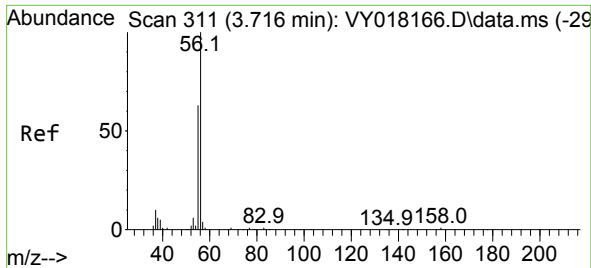
Ion Ratio Lower Upper

96 100

61 130.9 114.6 171.8

98 63.2 50.8 76.2





#13

Acrolein

Concen: 489.366 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

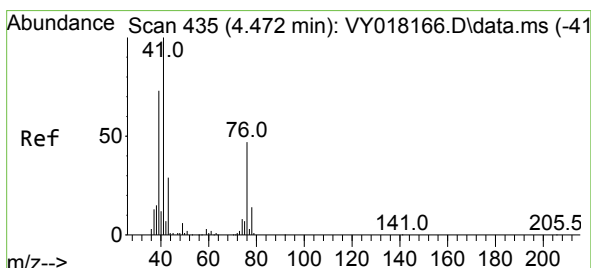
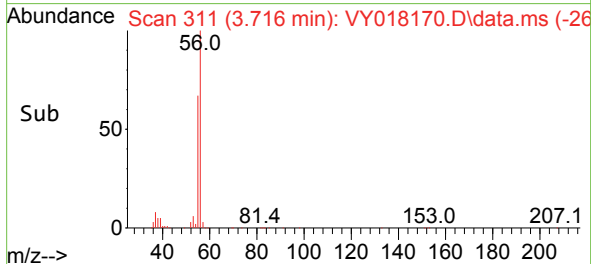
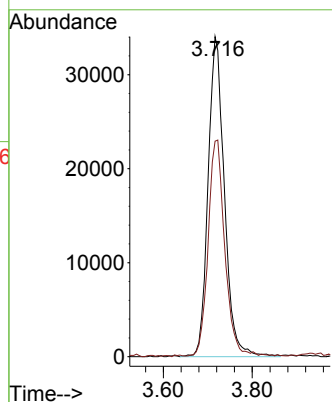
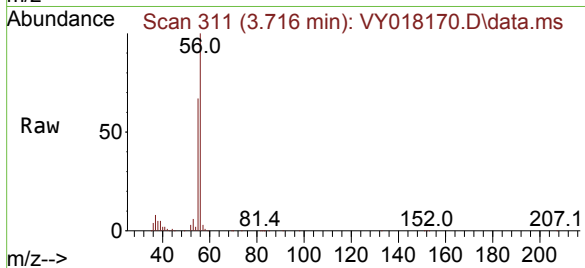
VSTDICC100

Tgt Ion: 56 Resp: 86906

Ion Ratio Lower Upper

56 100

55 68.5 55.7 83.5



#14

Allyl chloride

Concen: 100.091 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

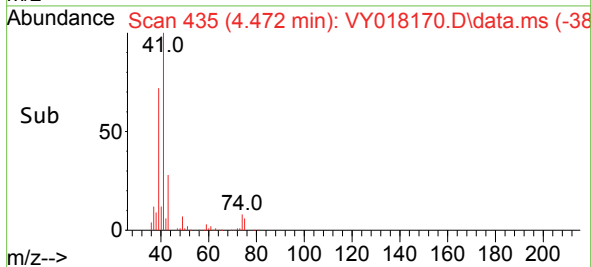
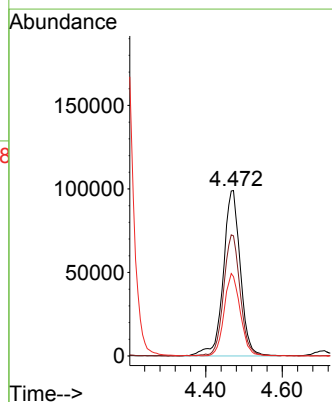
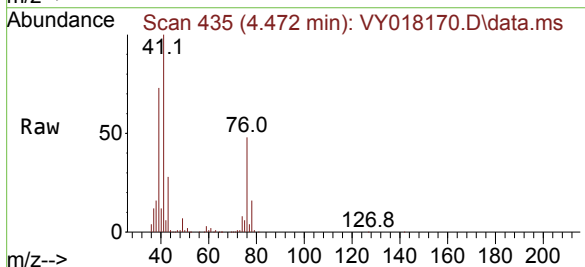
Tgt Ion: 41 Resp: 306919

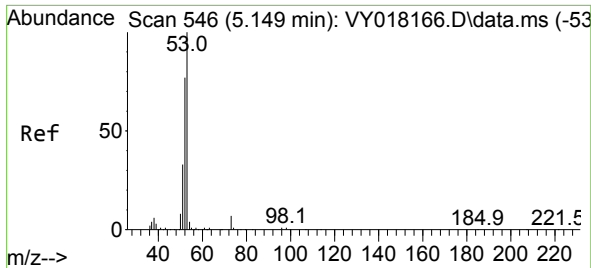
Ion Ratio Lower Upper

41 100

39 70.6 58.3 87.5

76 46.8 39.0 58.6

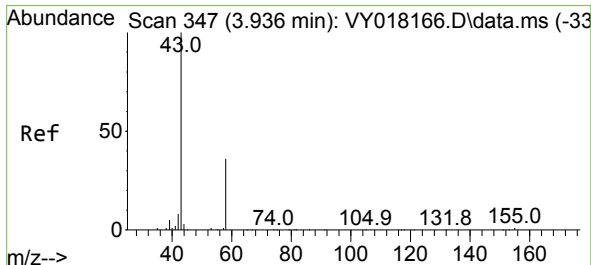
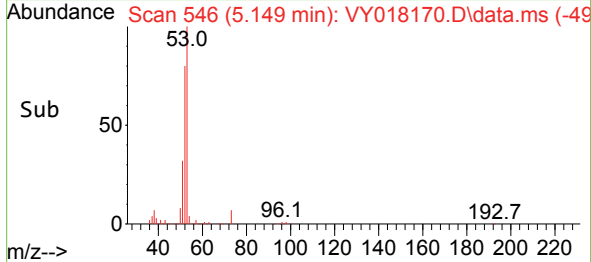
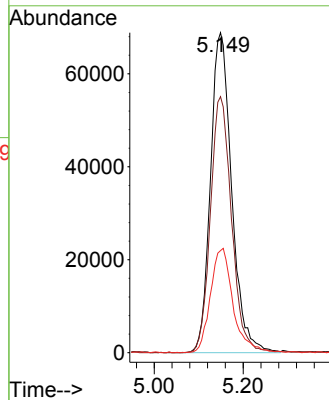
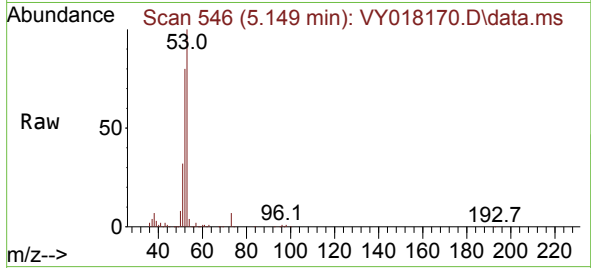




#15
Acrylonitrile
Concen: 479.834 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

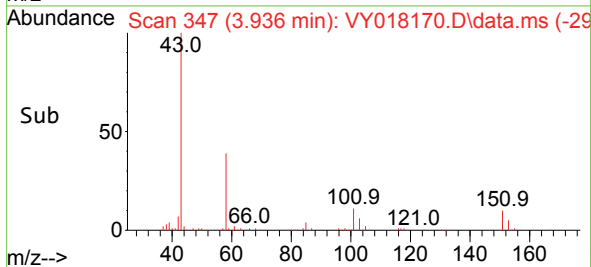
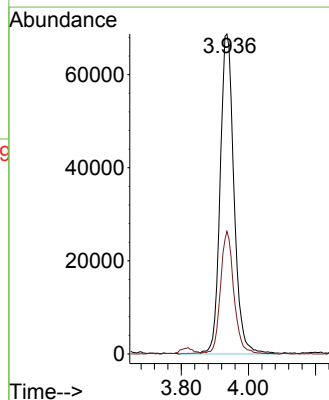
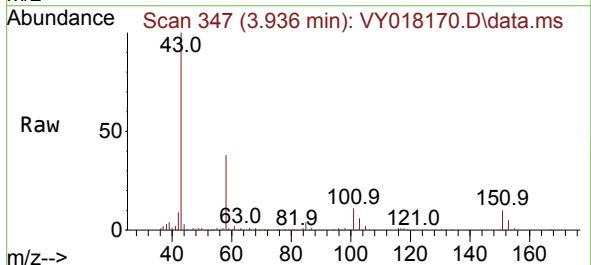
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

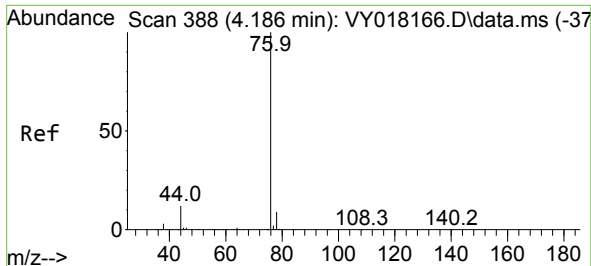
Tgt Ion: 53 Resp: 228218
Ion Ratio Lower Upper
53 100
52 79.8 64.7 97.1
51 34.8 28.4 42.6



#16
Acetone
Concen: 538.870 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 43 Resp: 197179
Ion Ratio Lower Upper
43 100
58 38.3 31.7 47.5

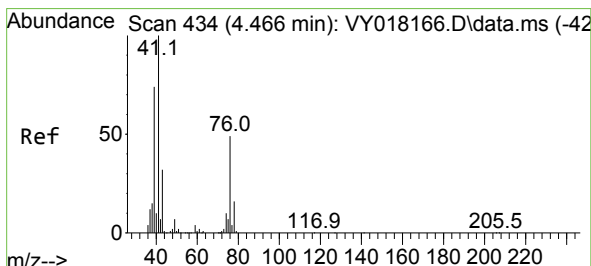
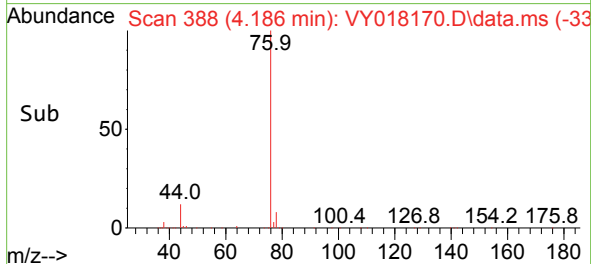
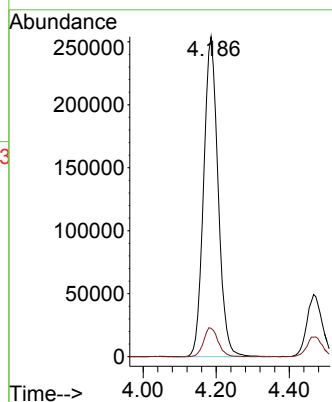
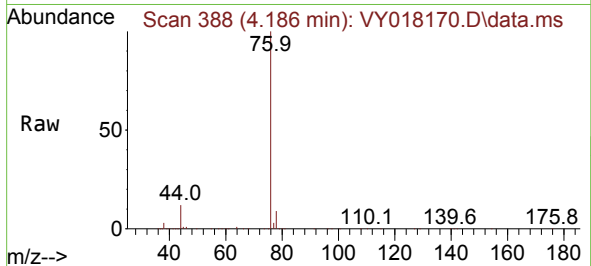




#17
Carbon Disulfide
Concen: 106.070 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

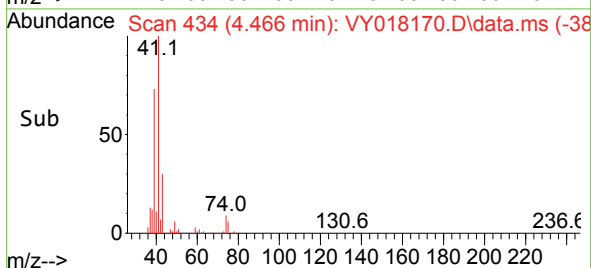
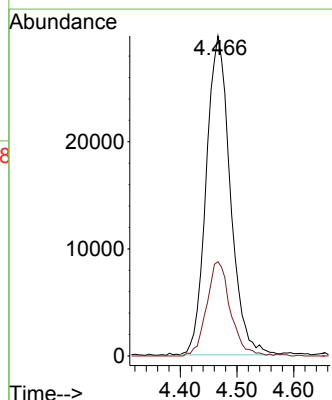
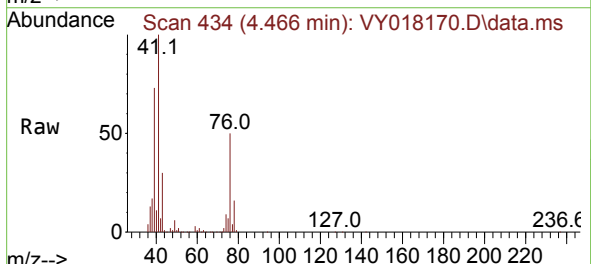
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

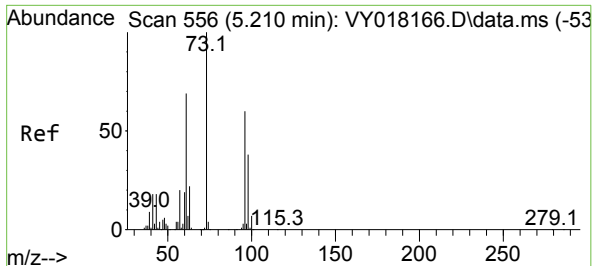
Tgt Ion: 76 Resp: 696028
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 84.023 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 43 Resp: 87580
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 94.666 ug/l

RT: 5.210 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

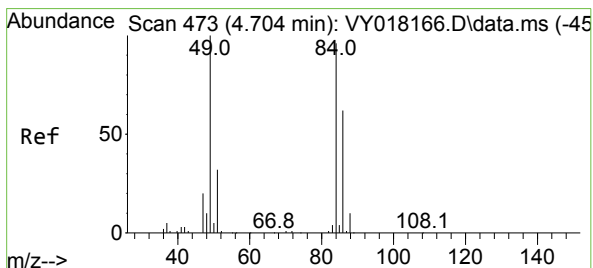
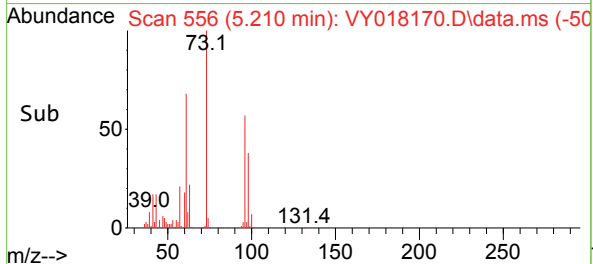
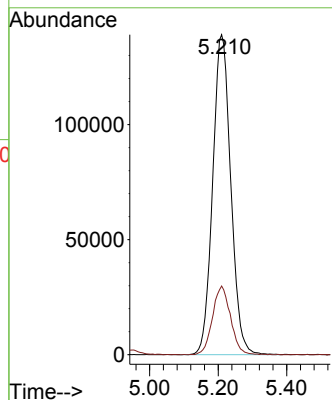
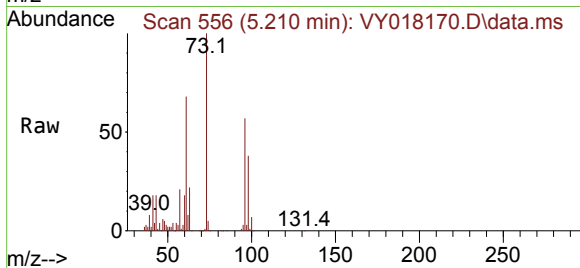
VSTDIC100

Tgt Ion: 73 Resp: 508290

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 96.805 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Tgt Ion: 84 Resp: 250371

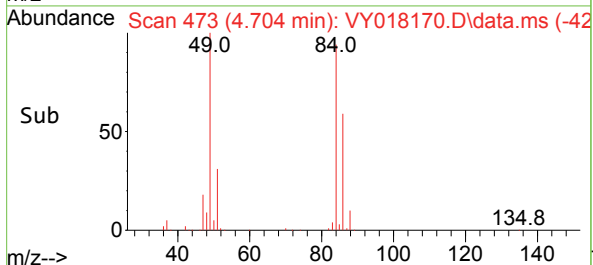
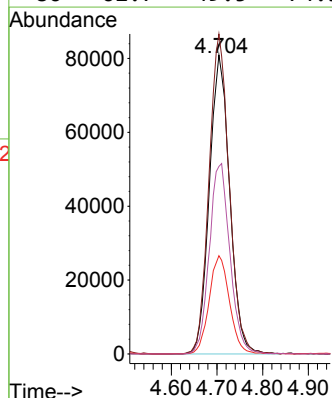
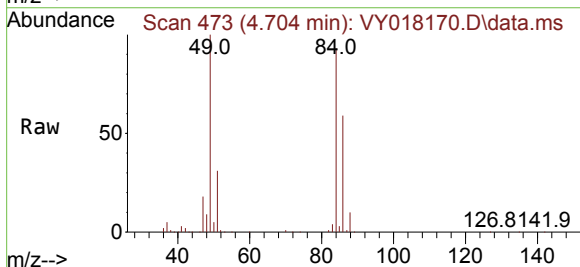
Ion Ratio Lower Upper

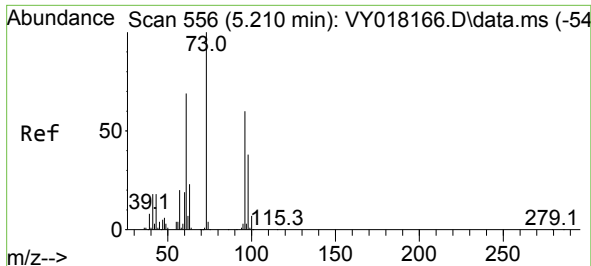
84 100

49 106.9 84.4 126.6

51 32.8 26.0 39.0

86 62.7 49.5 74.3

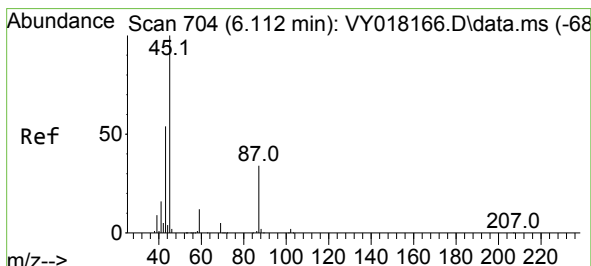
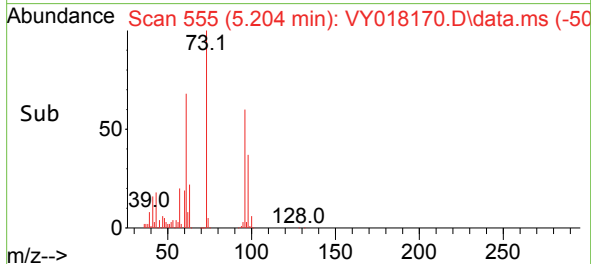
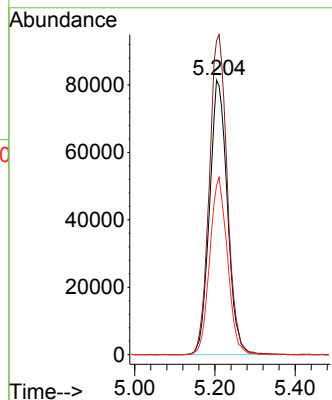
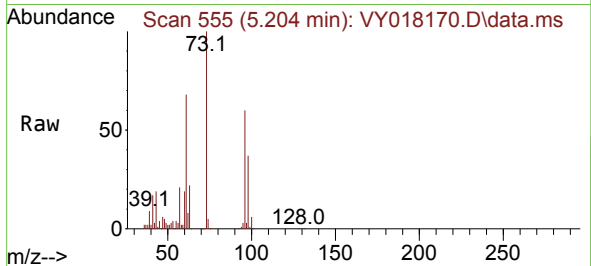




#21
trans-1,2-Dichloroethene
Concen: 98.408 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

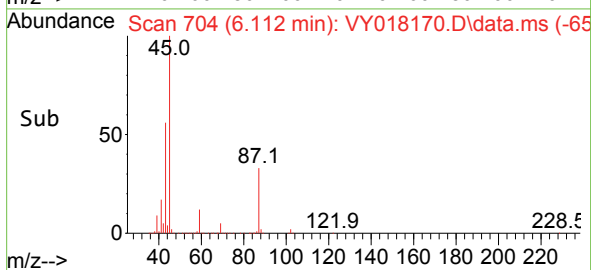
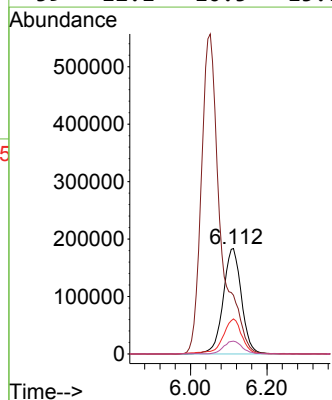
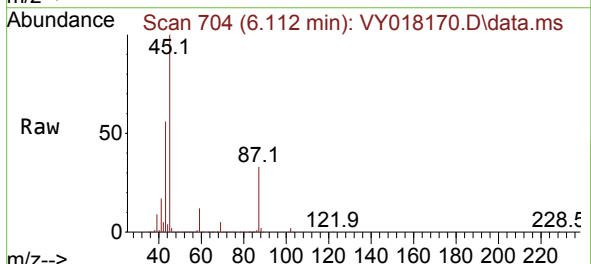
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

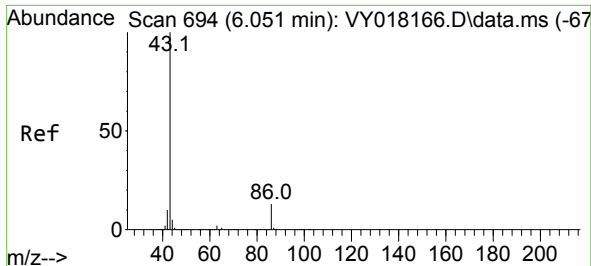
Tgt Ion: 96 Resp: 251440
Ion Ratio Lower Upper
96 100
61 114.3 97.5 146.3
98 61.5 50.5 75.7



#22
Diisopropyl ether
Concen: 93.712 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 45 Resp: 609583
Ion Ratio Lower Upper
45 100
43 55.6 42.2 63.2
87 33.2 25.0 37.6
59 12.1 10.5 15.7

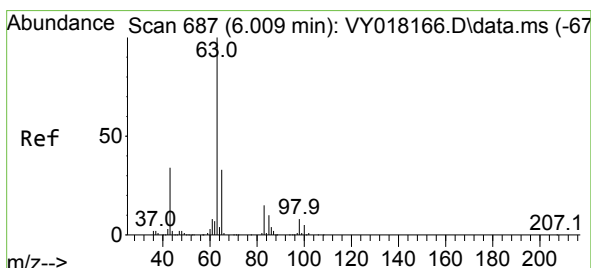
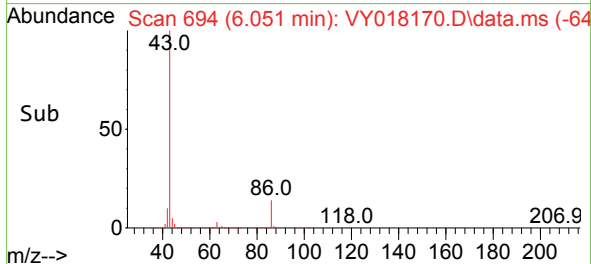
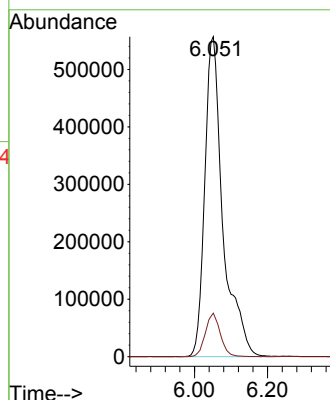
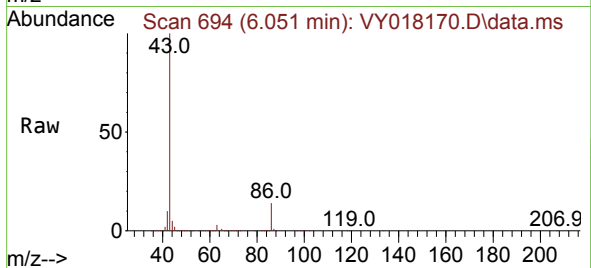




#23
 Vinyl Acetate
 Concen: 485.608 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

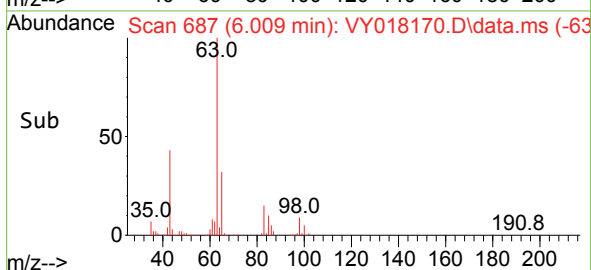
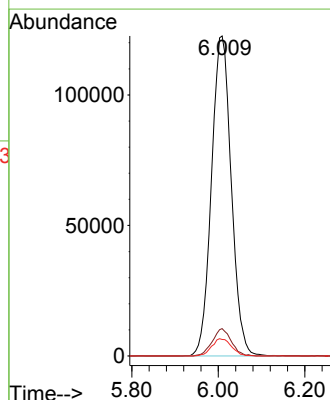
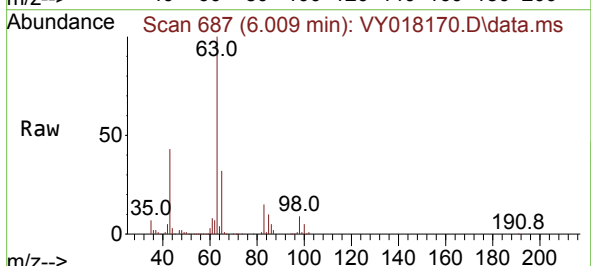
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

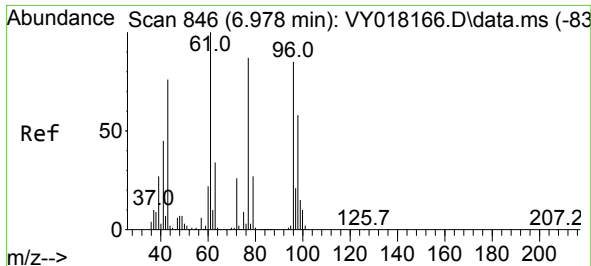
Tgt Ion: 43 Resp: 1919902
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 97.136 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

Tgt Ion: 63 Resp: 389168
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 5.2 2.6 8.0

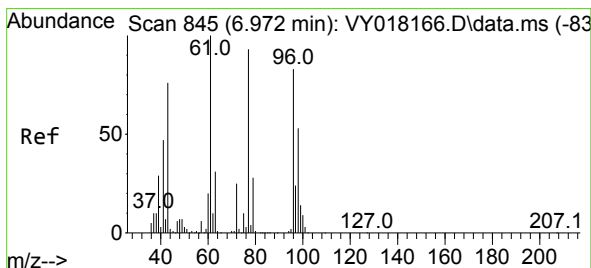
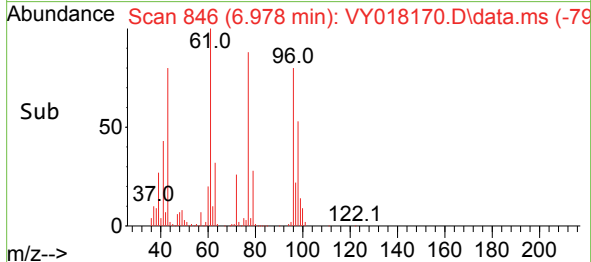
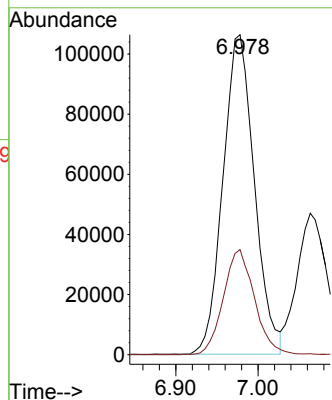
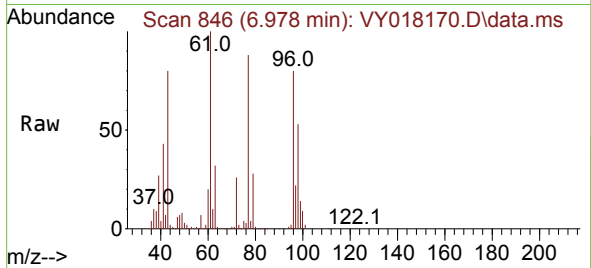




#25
2-Butanone
Concen: 482.567 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

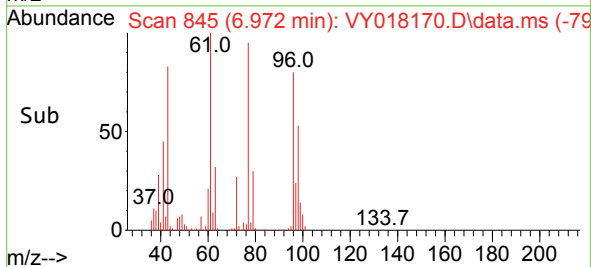
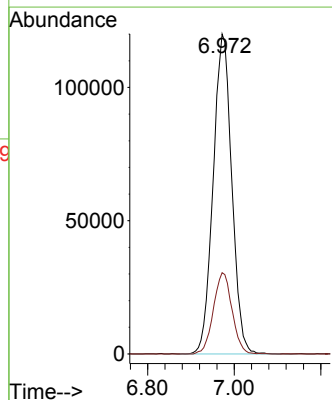
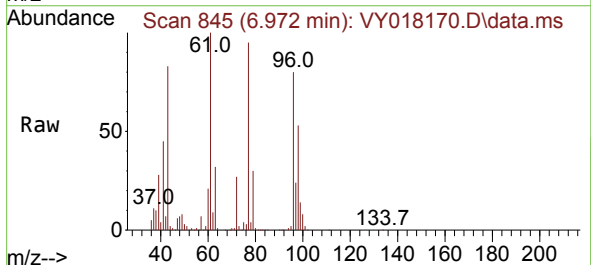
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

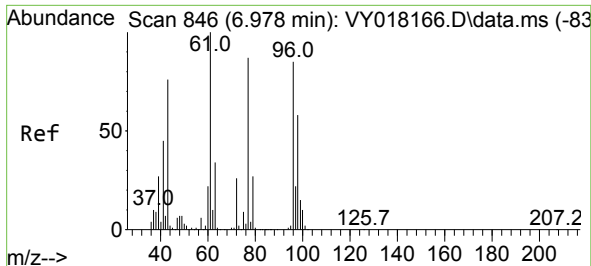
Tgt Ion: 43 Resp: 282258
Ion Ratio Lower Upper
43 100
72 32.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 98.773 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 77 Resp: 358162
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 96.439 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

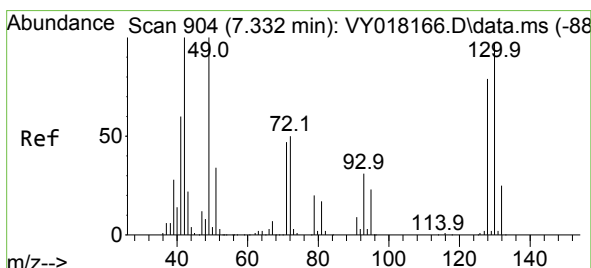
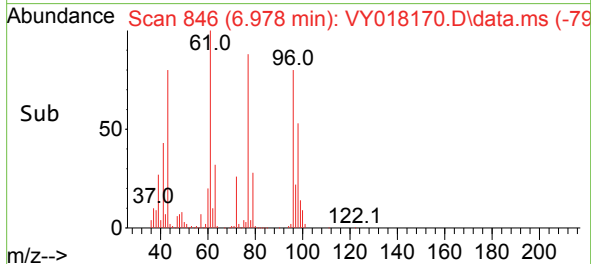
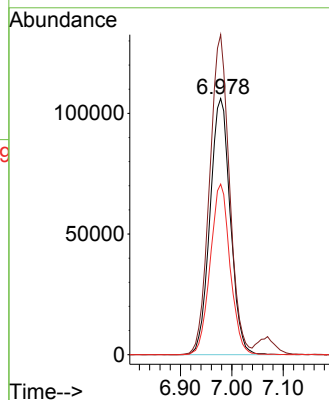
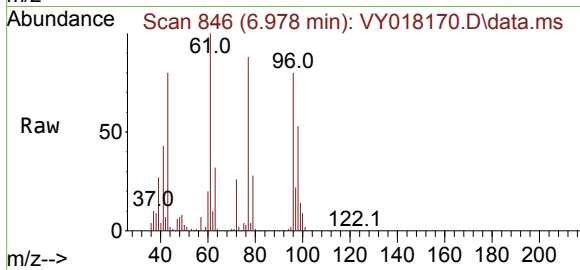
Tgt Ion: 96 Resp: 291200

Ion Ratio Lower Upper

96 100

61 122.5 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 99.970 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

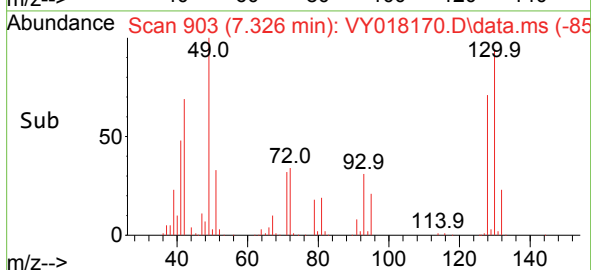
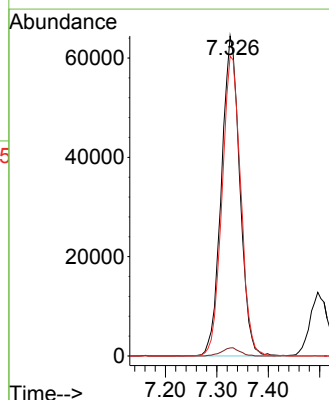
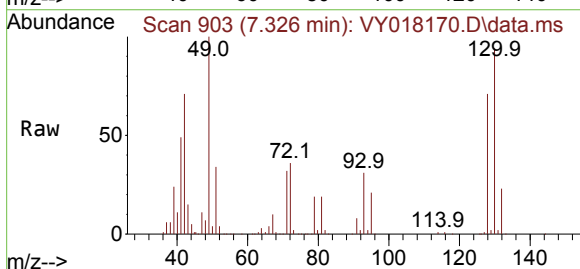
Tgt Ion: 49 Resp: 160085

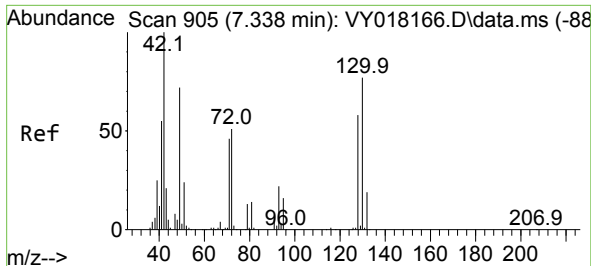
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 95.2 72.7 109.1

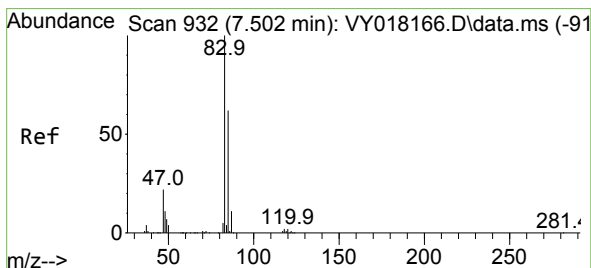
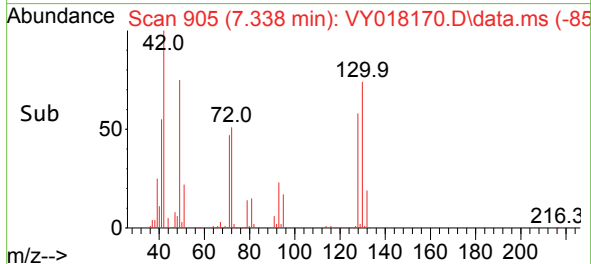
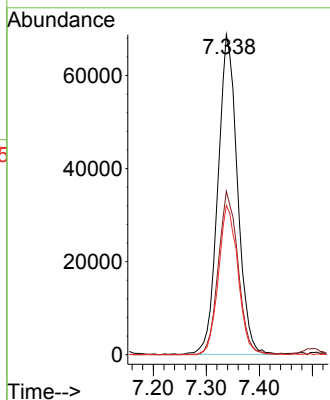
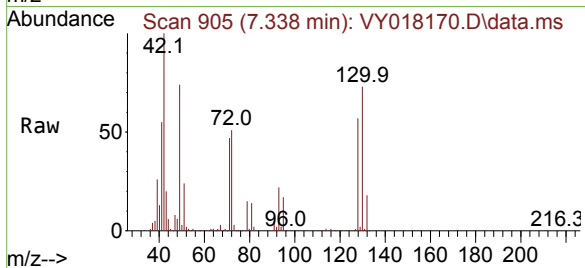




#29
Tetrahydrofuran
Concen: 456.220 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

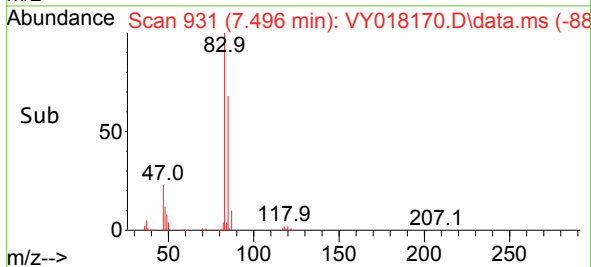
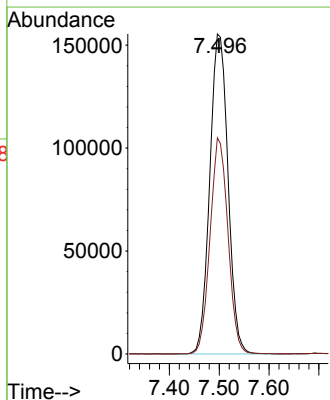
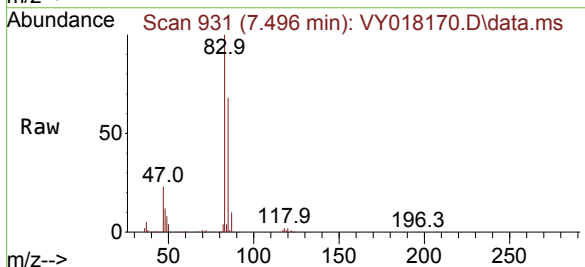
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

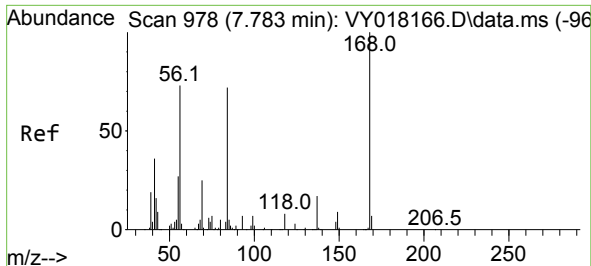
Tgt Ion: 42 Resp: 176143
Ion Ratio Lower Upper
42 100
72 51.6 43.0 64.4
71 46.6 40.8 61.2



#30
Chloroform
Concen: 94.460 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 83 Resp: 395083
Ion Ratio Lower Upper
83 100
85 67.5 52.2 78.4

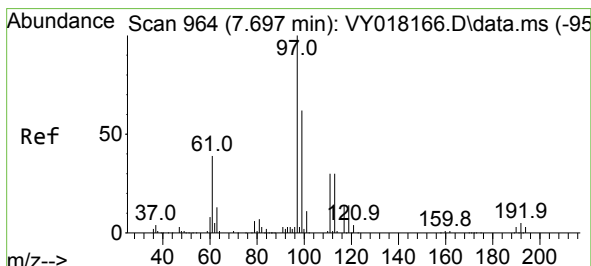
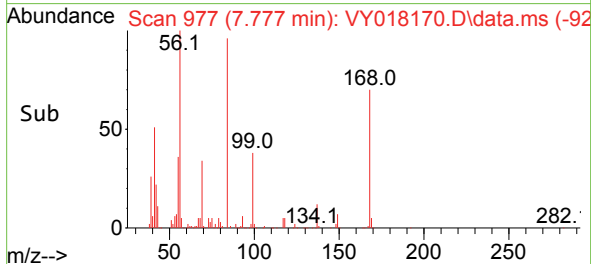
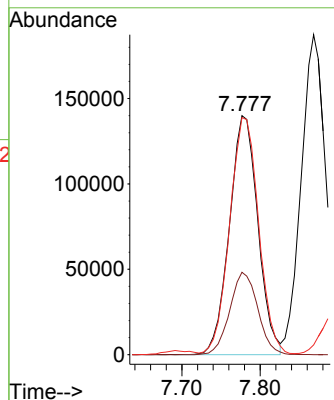
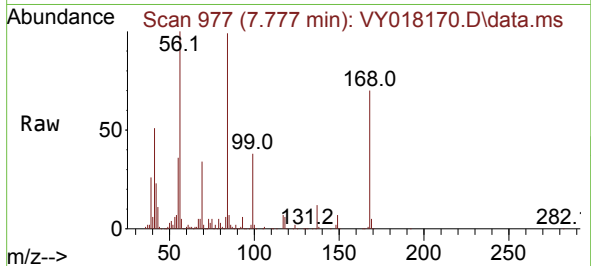




#31
Cyclohexane
Concen: 101.354 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

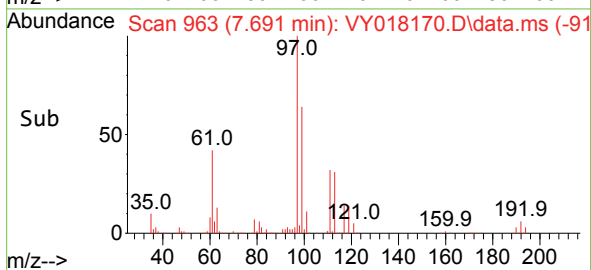
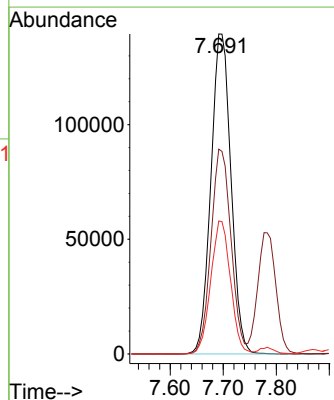
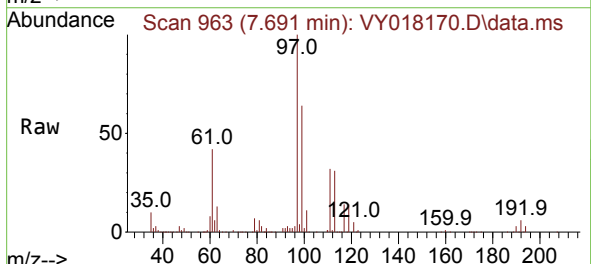
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

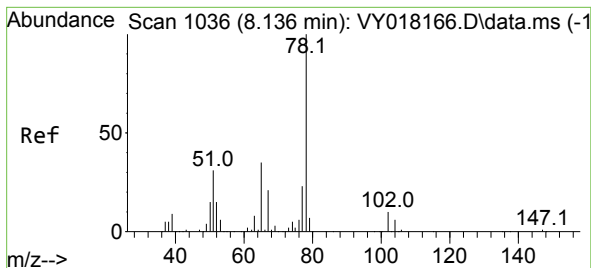
Tgt Ion: 56 Resp: 353630
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 97.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 97.800 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 97 Resp: 366633
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 40.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 105.711 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

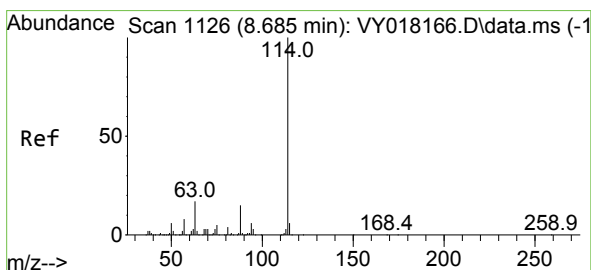
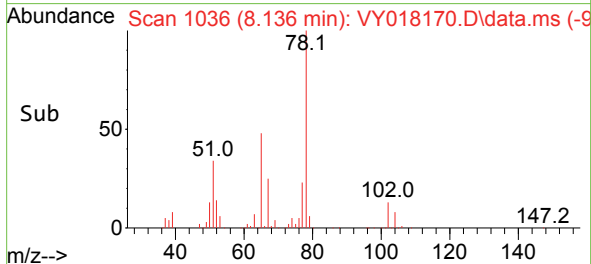
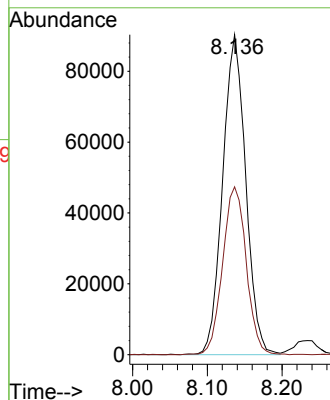
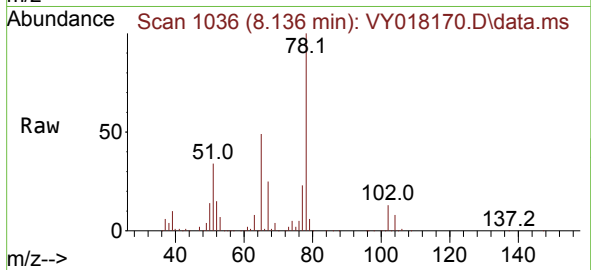
VSTDICC100

Tgt Ion: 65 Resp: 193831

Ion Ratio Lower Upper

65 100

67 53.8 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: VY018170.D

Acq: 07 May 2024 13:07

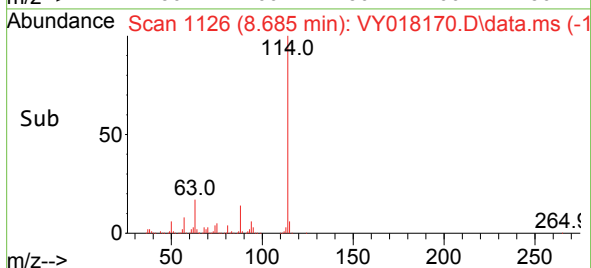
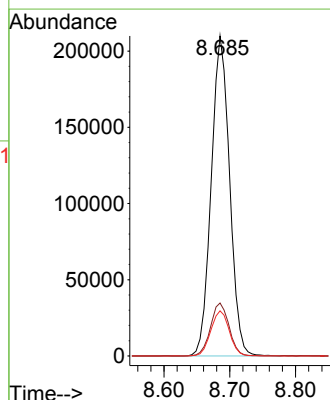
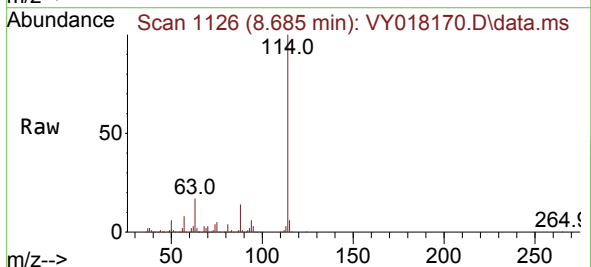
Tgt Ion: 114 Resp: 408305

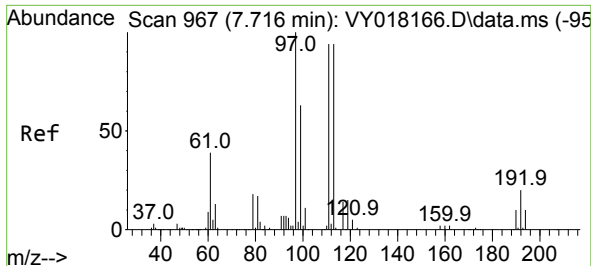
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.1 0.0 27.2



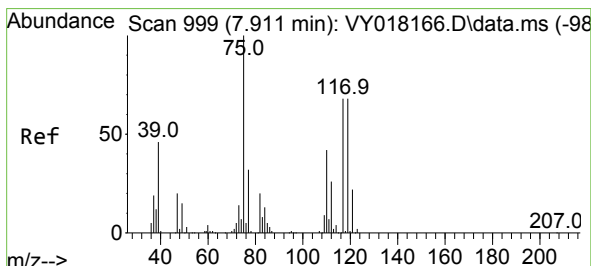
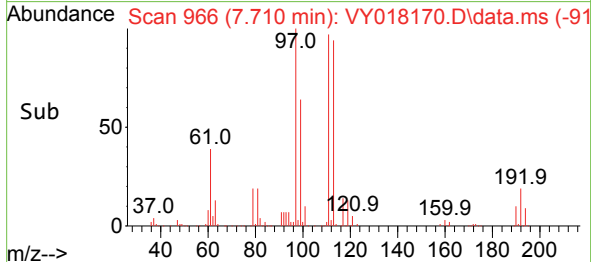
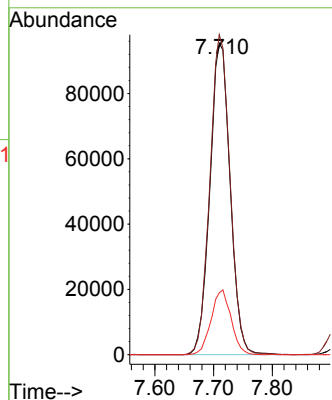
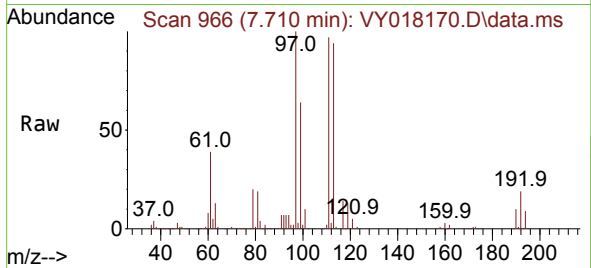


#35
 Dibromofluoromethane
 Concen: 106.533 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:113 Resp: 228601

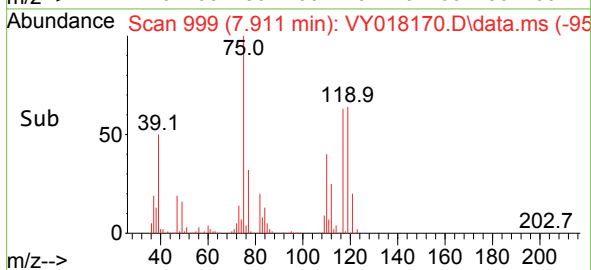
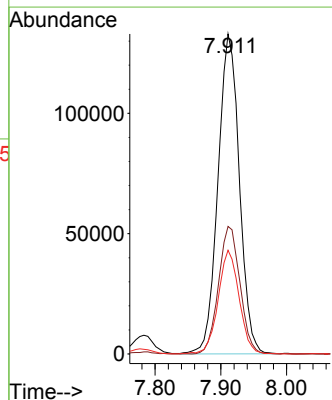
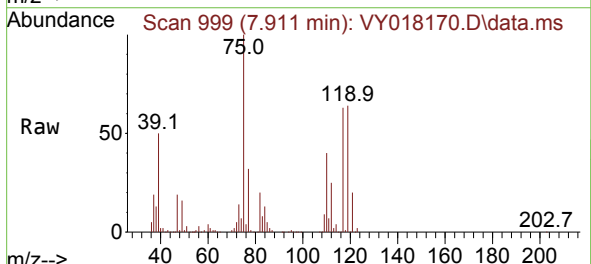
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.5	15.9	23.9

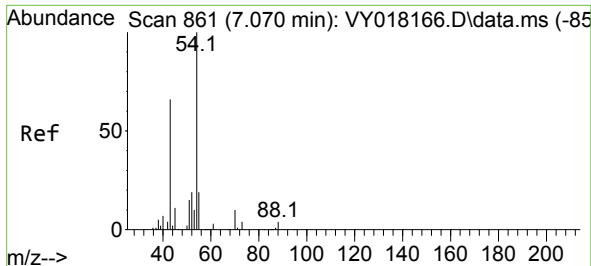


#36
 1,1-Dichloropropene
 Concen: 97.932 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

Tgt Ion: 75 Resp: 301259

Ion	Ratio	Lower	Upper
75	100		
110	40.0	19.0	57.0
77	31.8	25.3	37.9





#37

Ethyl Acetate

Concen: 95.590 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

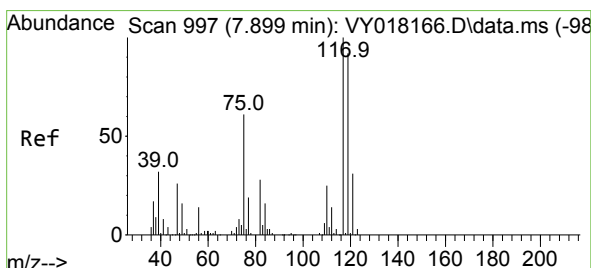
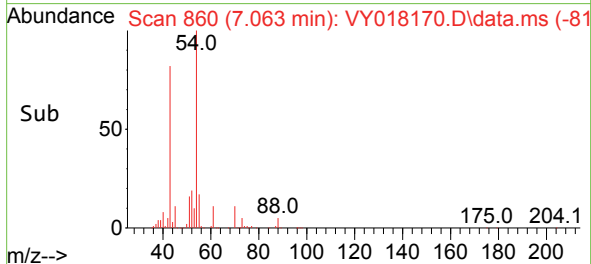
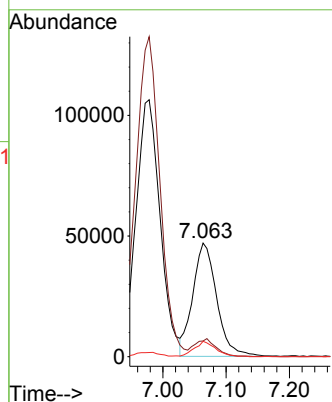
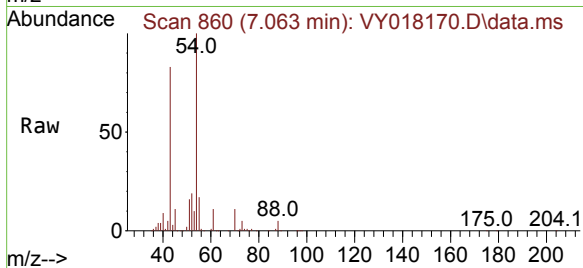
Tgt Ion: 43 Resp: 123764

Ion Ratio Lower Upper

43 100

61 14.0 12.6 19.0

70 12.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 99.768 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

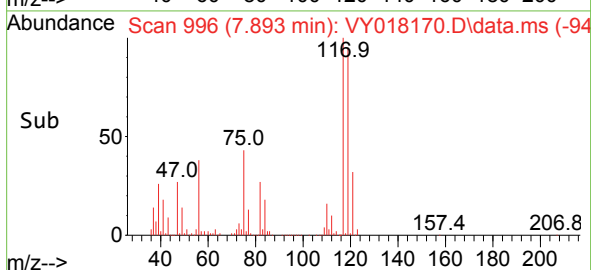
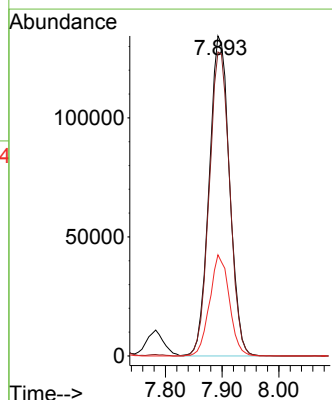
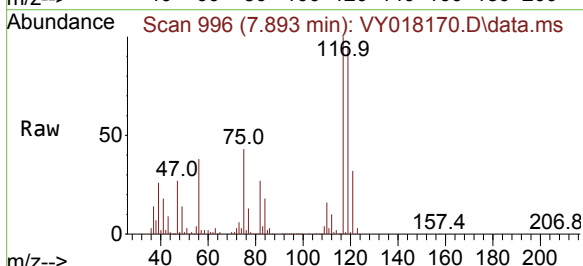
Tgt Ion: 117 Resp: 335347

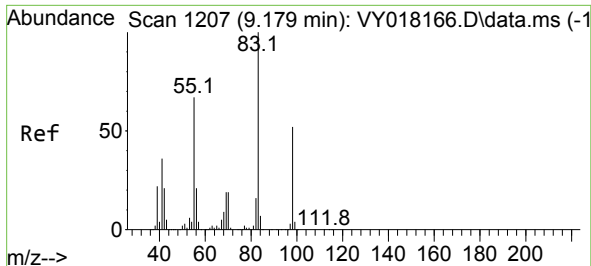
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 98.814 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

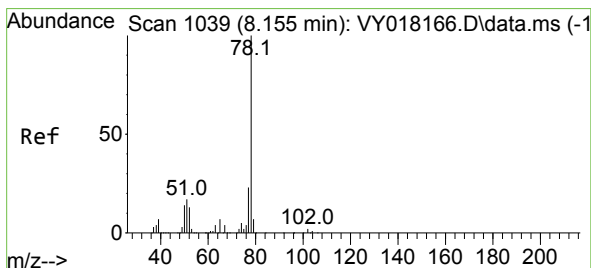
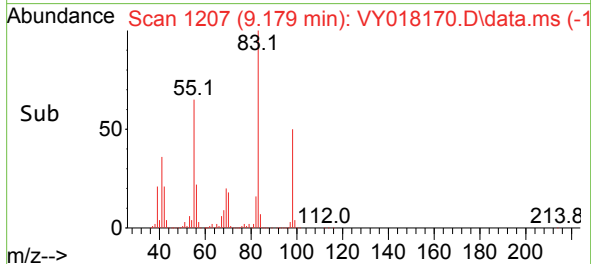
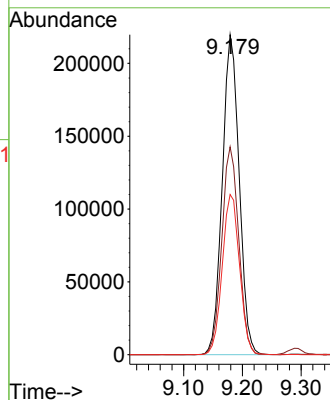
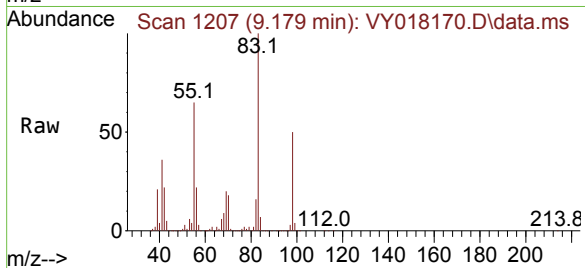
Tgt Ion: 83 Resp: 438527

Ion Ratio Lower Upper

83 100

55 65.0 51.5 77.3

98 50.1 40.5 60.7



#40

Benzene

Concen: 96.318 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018170.D

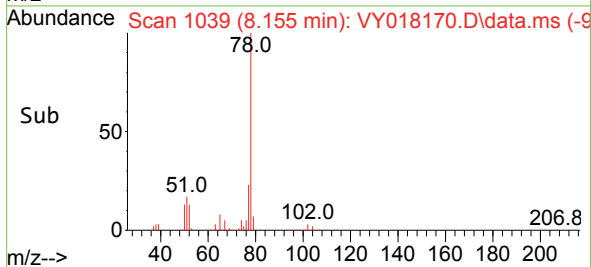
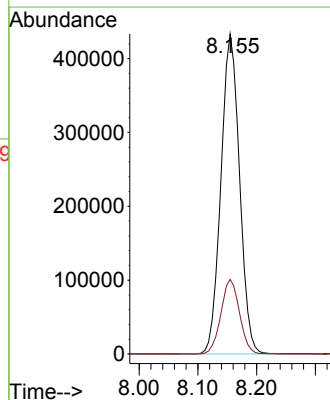
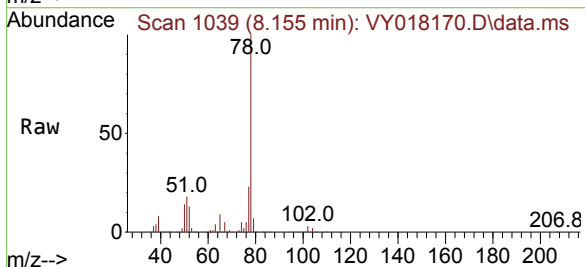
Acq: 07 May 2024 13:07

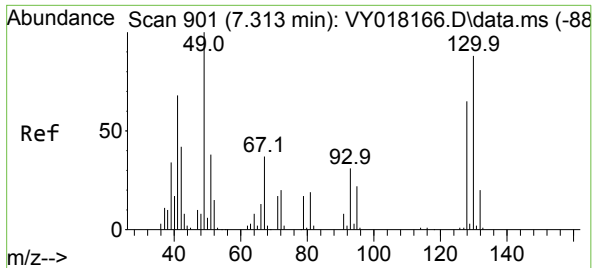
Tgt Ion: 78 Resp: 953061

Ion Ratio Lower Upper

78 100

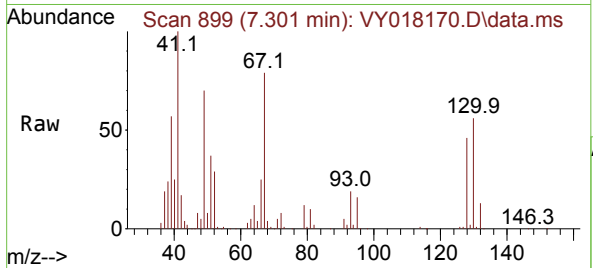
77 23.3 19.5 29.3



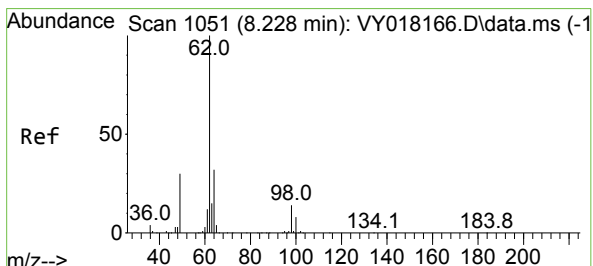
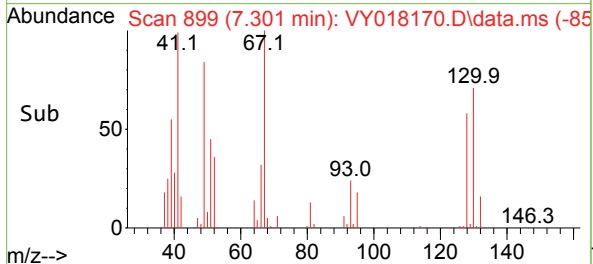
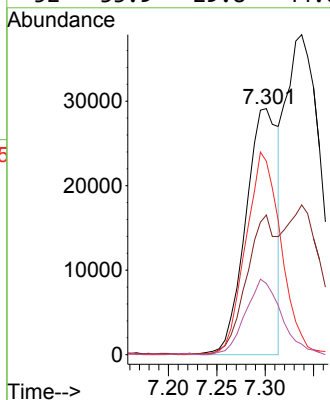


#41
Methacrylonitrile
Concen: 90.848 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

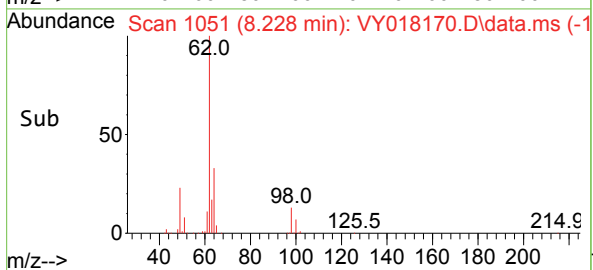
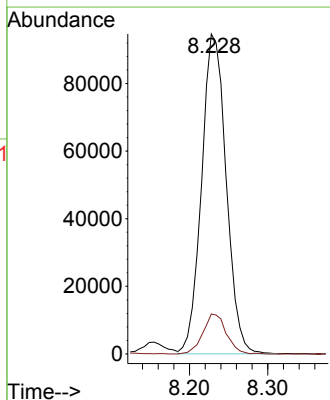
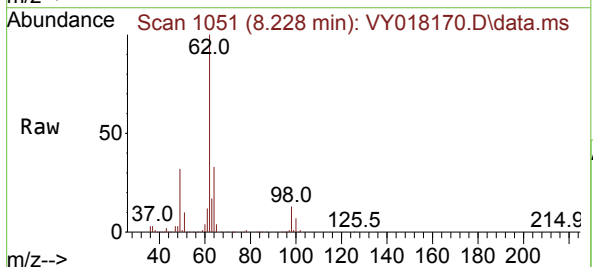


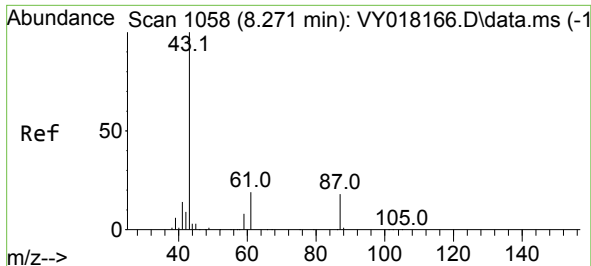
Tgt Ion:	41	Resp:	67923
Ion	Ratio	Lower	Upper
41	100		
39	53.2	48.0	72.0
67	90.4	75.1	112.7
52	33.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 95.832 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion:	62	Resp:	206320
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.0

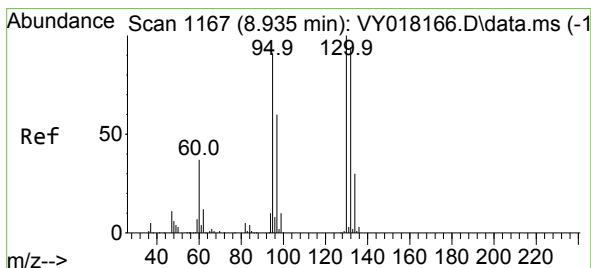
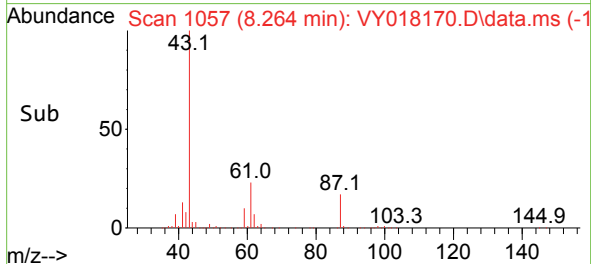
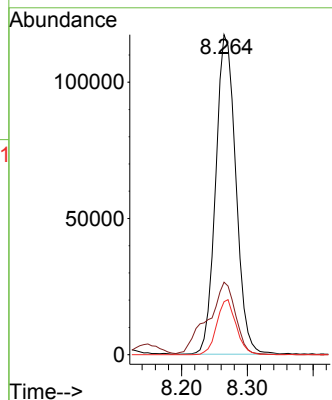
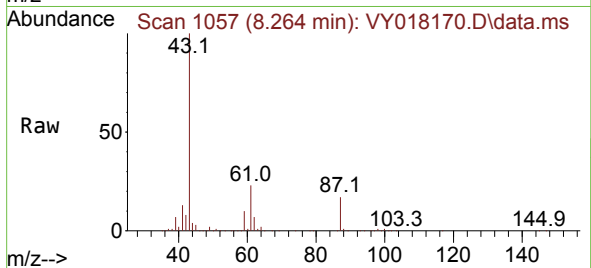




#43
Isopropyl Acetate
Concen: 94.329 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

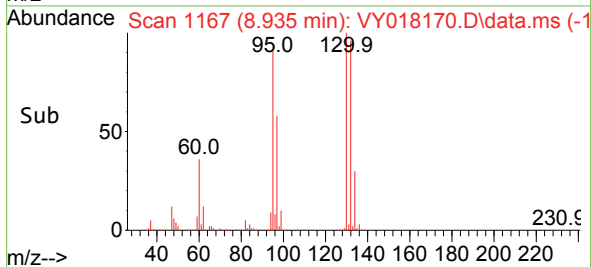
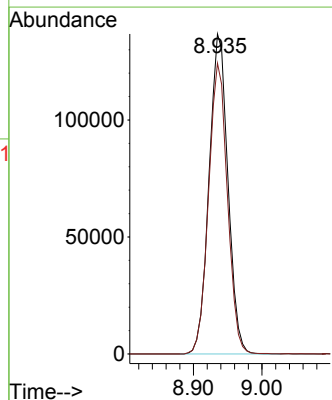
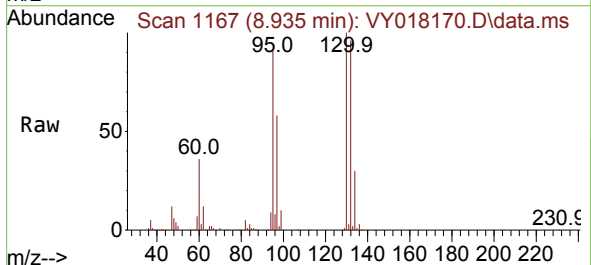
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

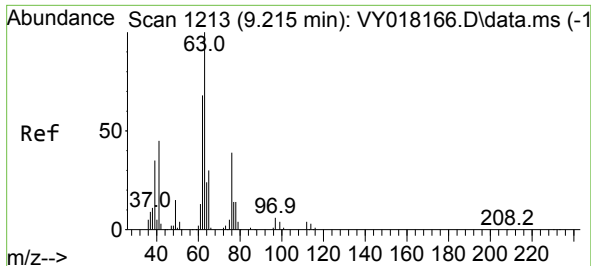
Tgt Ion: 43 Resp: 250337
Ion Ratio Lower Upper
43 100
61 31.3 27.9 41.9
87 16.6 13.1 19.7



#44
Trichloroethene
Concen: 97.354 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 130 Resp: 262239
Ion Ratio Lower Upper
130 100
95 90.9 0.0 188.0

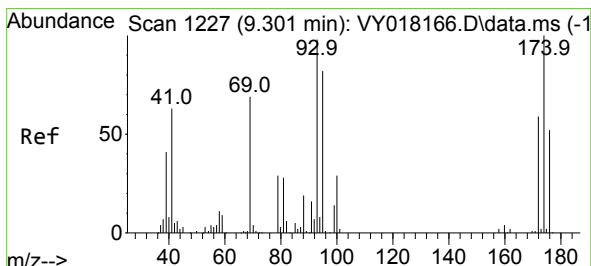
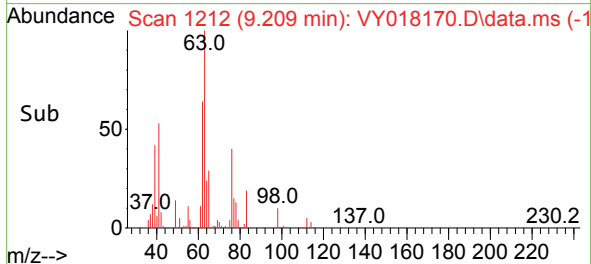
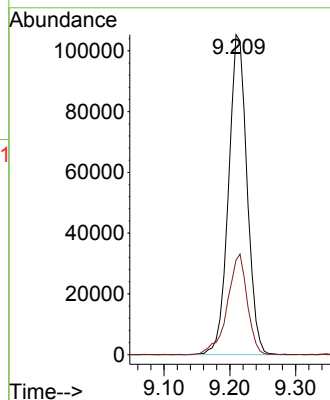
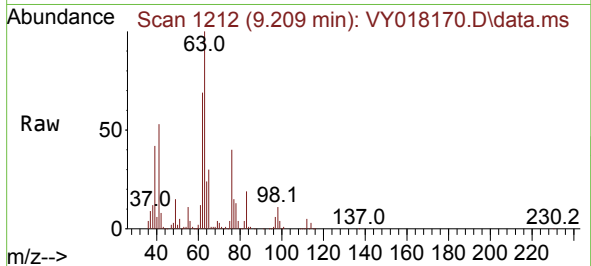




#45
1,2-Dichloropropane
Concen: 95.337 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

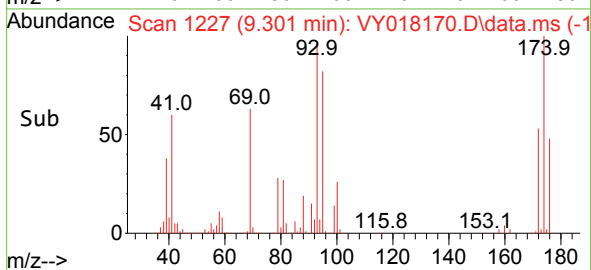
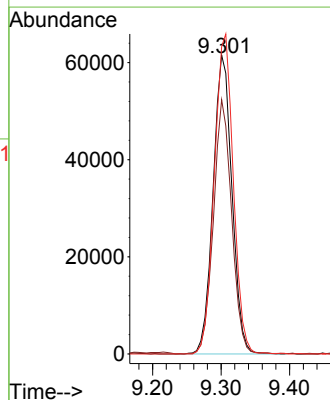
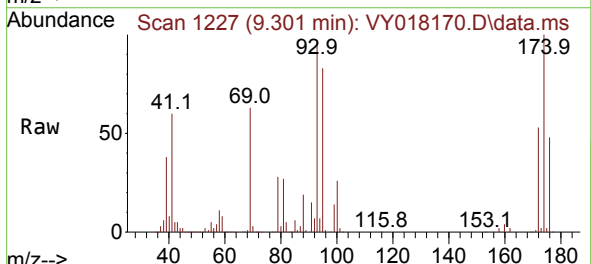
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

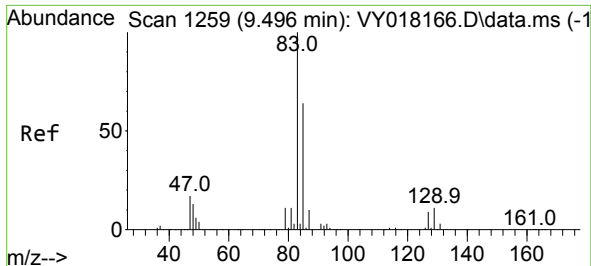
Tgt Ion: 63 Resp: 206241
Ion Ratio Lower Upper
63 100
65 29.5 25.4 38.2



#46
Dibromomethane
Concen: 94.533 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 93 Resp: 117563
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.4
174 107.9 80.9 121.3

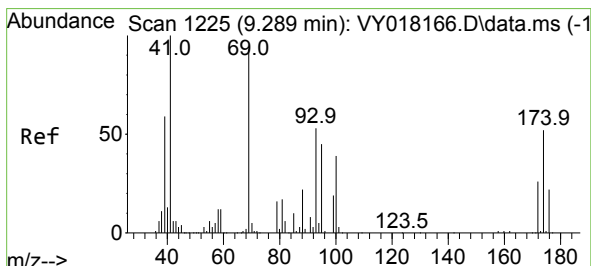
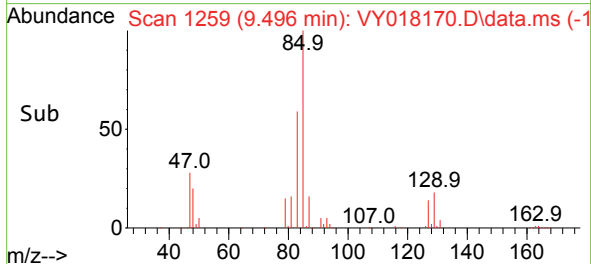
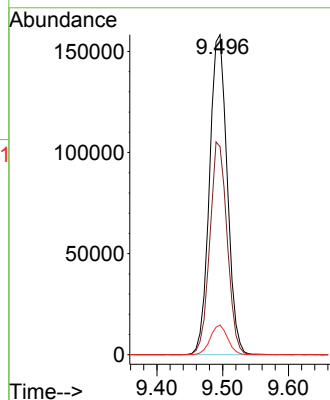
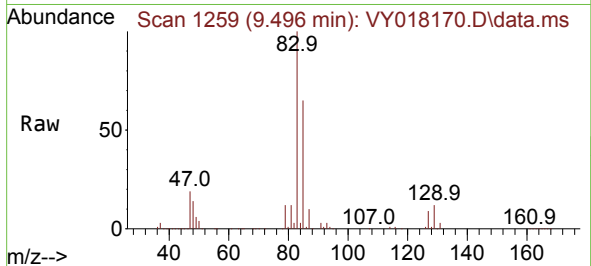




#47
Bromodichloromethane
Concen: 96.217 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

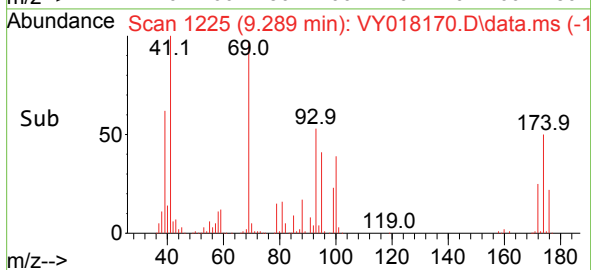
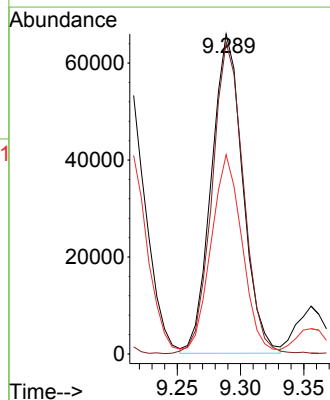
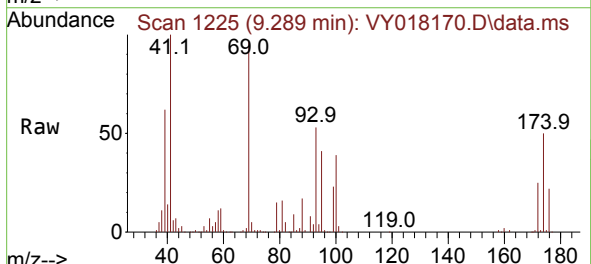
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

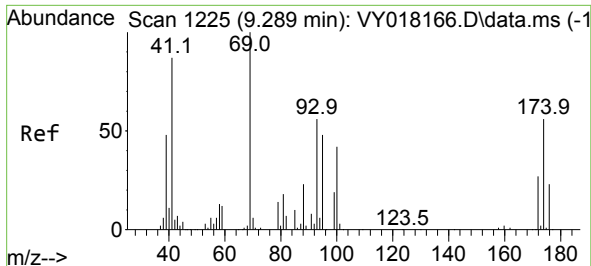
Tgt Ion: 83 Resp: 295817
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 93.733 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 41 Resp: 114008
Ion Ratio Lower Upper
41 100
69 96.7 84.1 126.1
39 59.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1758.936 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

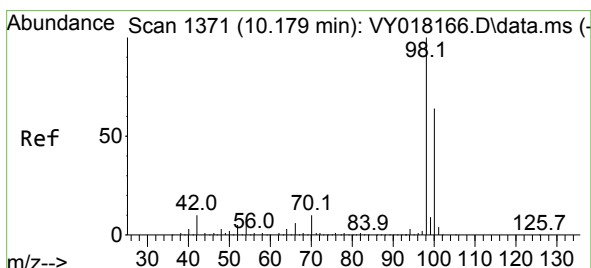
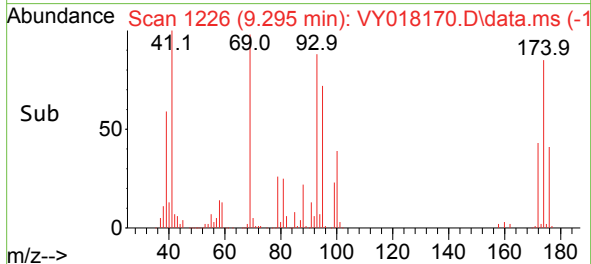
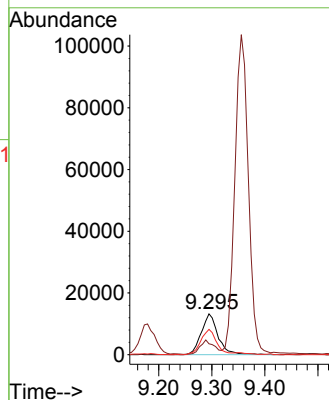
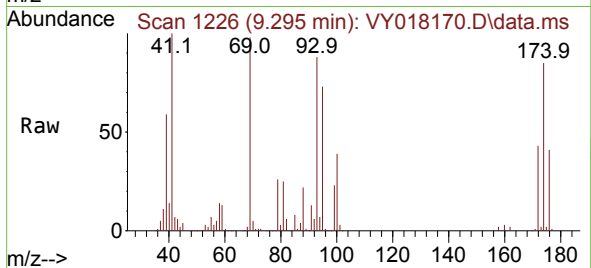
Tgt Ion: 88 Resp: 29036

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 58.5 49.3 73.9



#50

Toluene-d8

Concen: 106.901 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018170.D

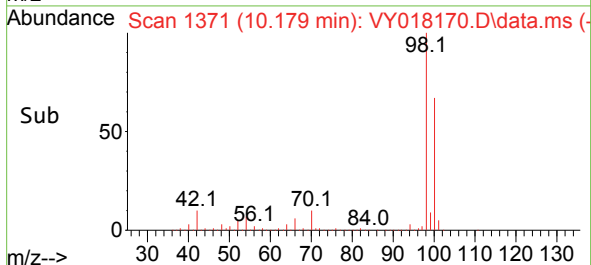
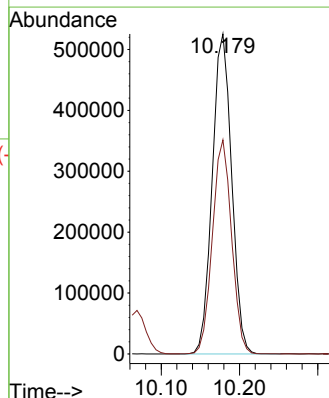
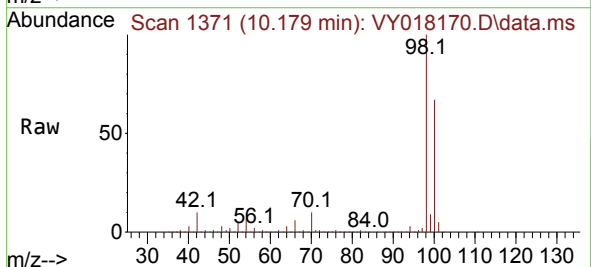
Acq: 07 May 2024 13:07

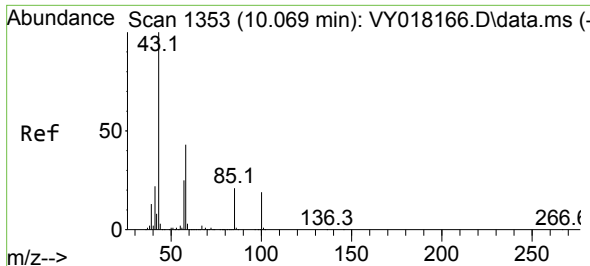
Tgt Ion: 98 Resp: 903943

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

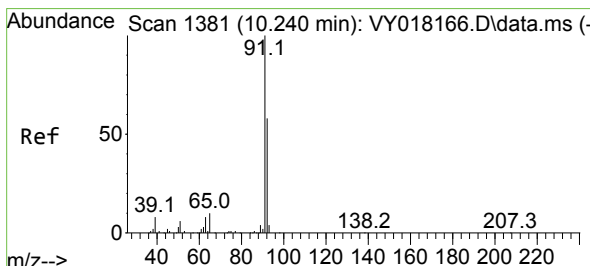
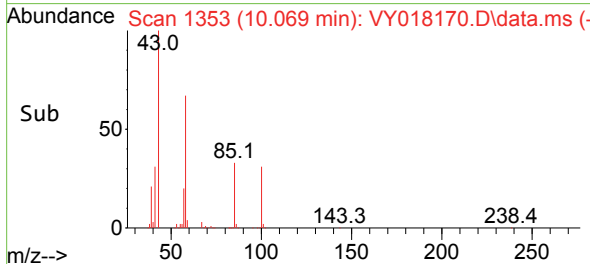
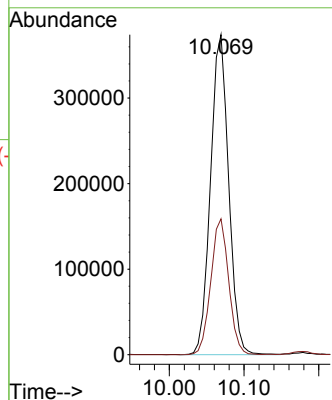
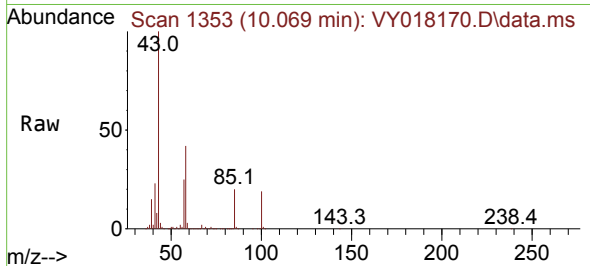




#51
4-Methyl-2-Pentanone
Concen: 472.112 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

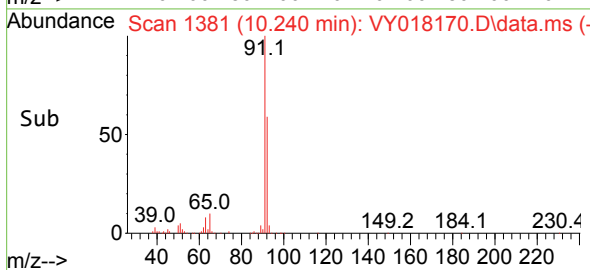
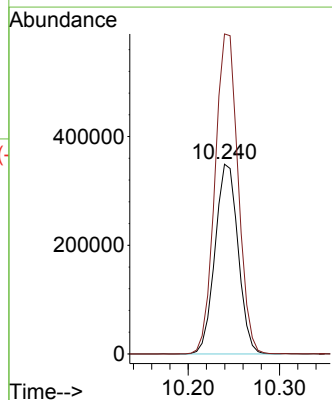
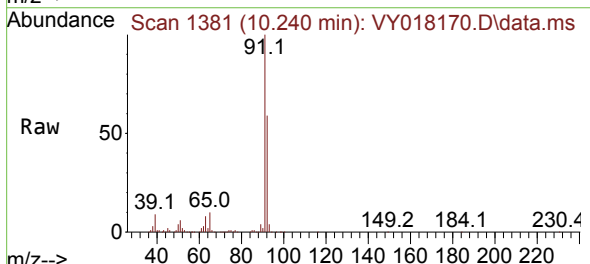
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

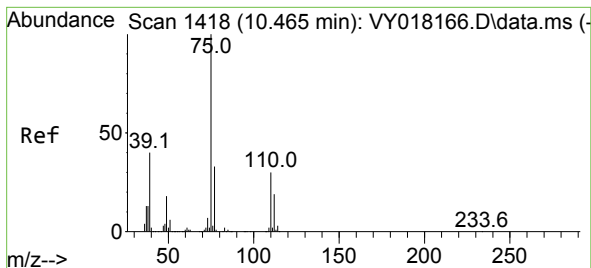
Tgt Ion: 43 Resp: 629731
Ion Ratio Lower Upper
43 100
58 42.0 35.7 53.5



#52
Toluene
Concen: 95.841 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 92 Resp: 610524
Ion Ratio Lower Upper
92 100
91 169.8 139.0 208.6

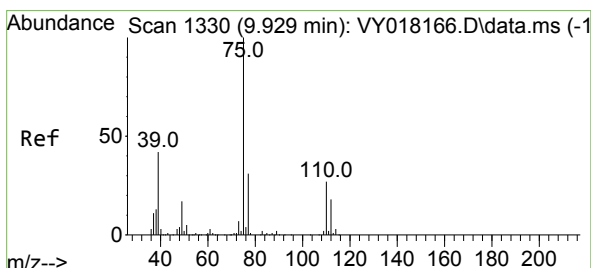
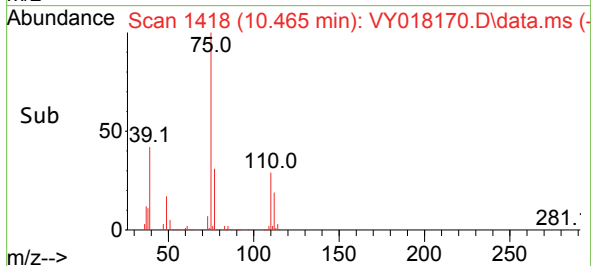
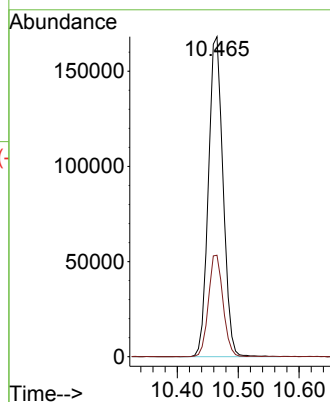
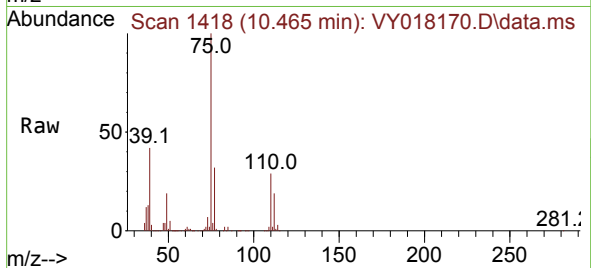




#53
t-1,3-Dichloropropene
Concen: 97.851 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

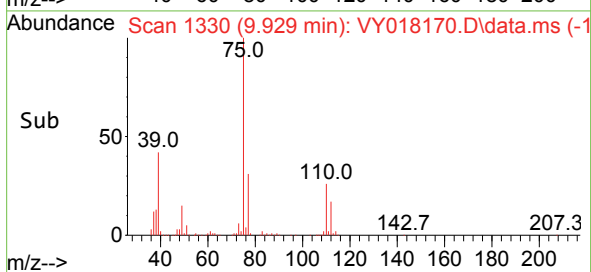
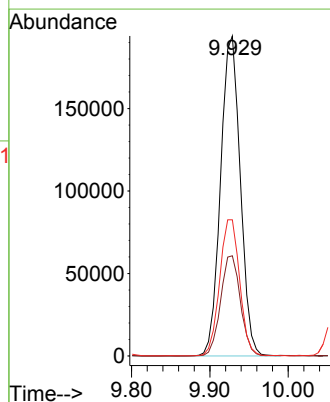
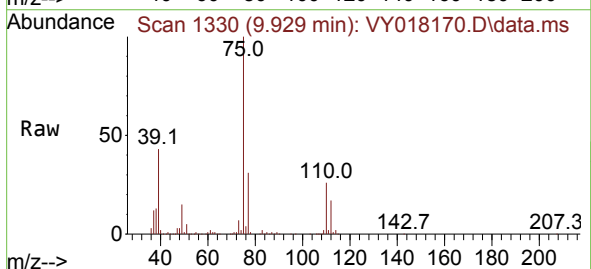
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

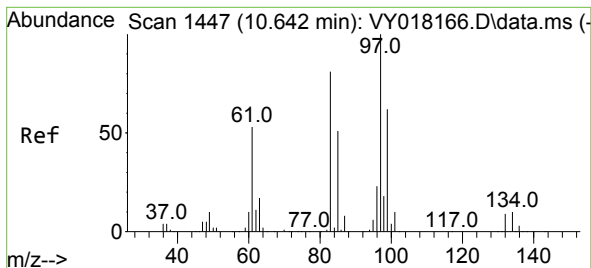
Tgt Ion: 75 Resp: 281004
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 96.721 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 75 Resp: 339527
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 42.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 92.885 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 158686

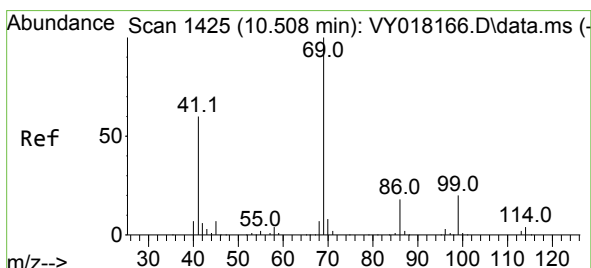
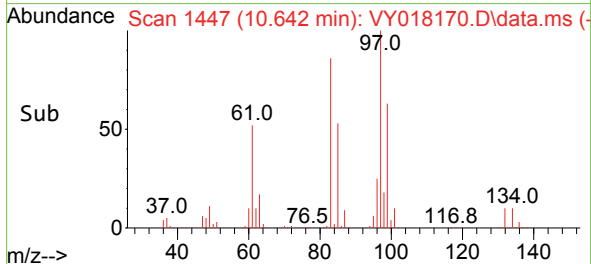
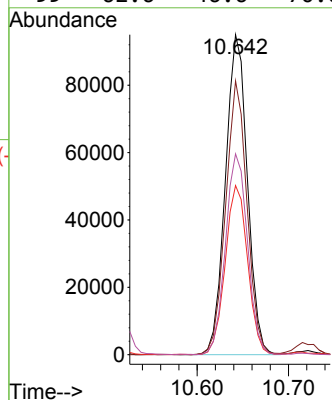
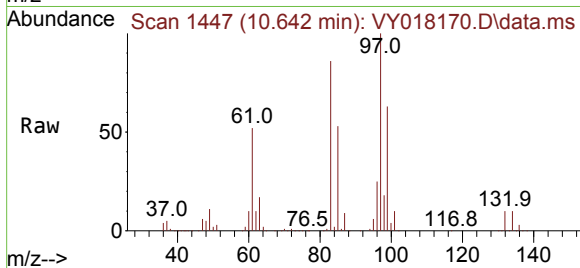
Ion Ratio Lower Upper

97 100

83 85.6 67.5 101.3

85 52.8 42.9 64.3

99 62.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 95.184 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

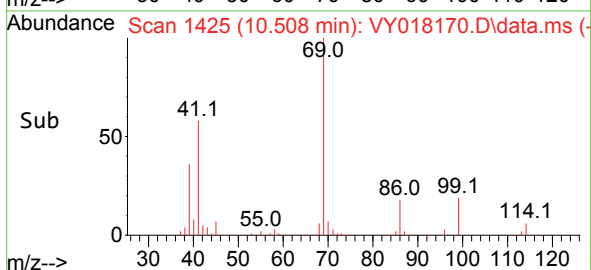
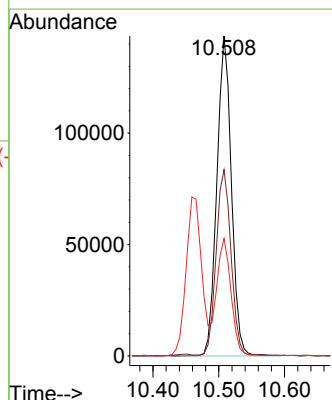
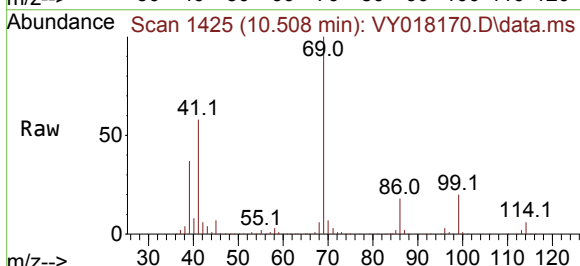
Tgt Ion: 69 Resp: 220850

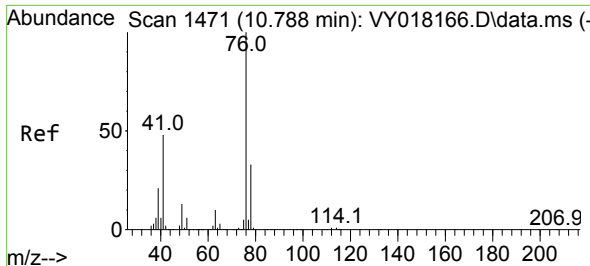
Ion Ratio Lower Upper

69 100

41 59.3 42.3 63.5

39 36.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 94.520 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

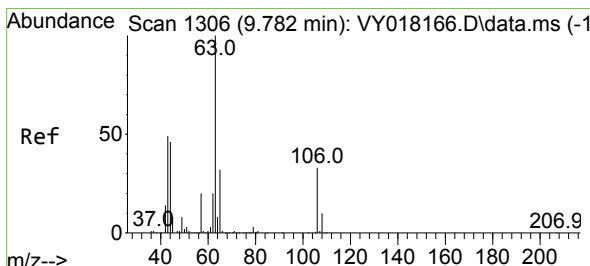
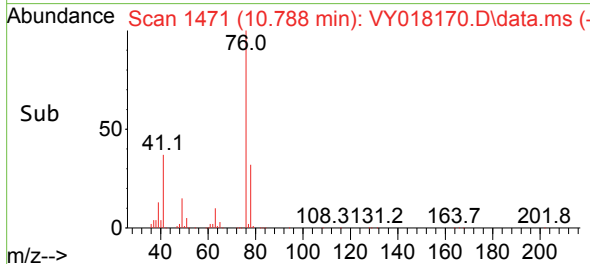
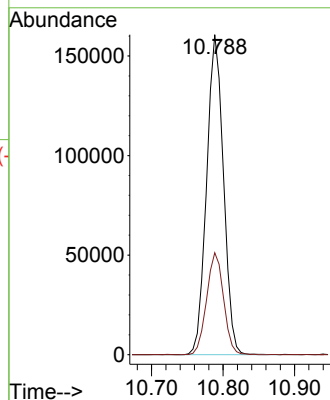
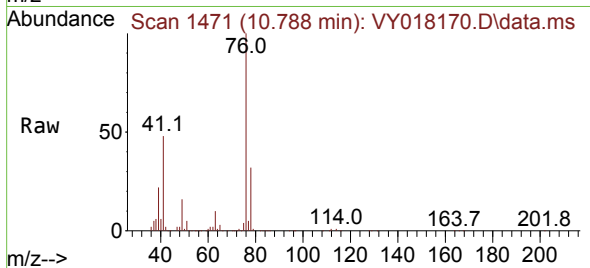
VSTDICC100

Tgt Ion: 76 Resp: 262810

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 519.869 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018170.D

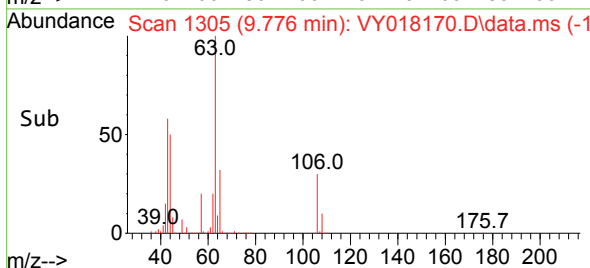
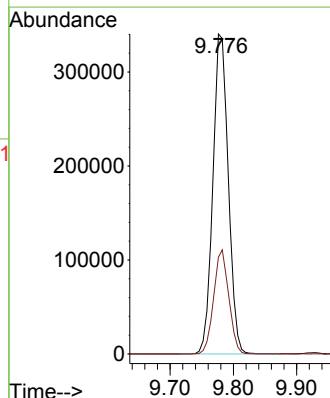
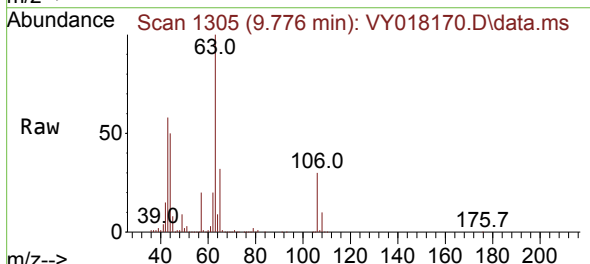
Acq: 07 May 2024 13:07

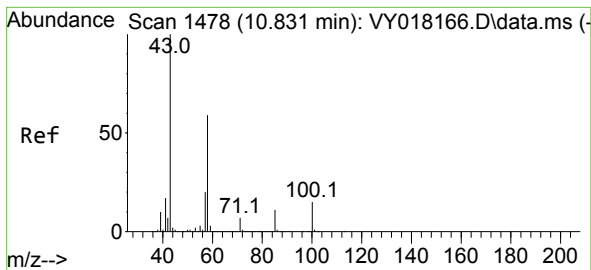
Tgt Ion: 63 Resp: 575978

Ion Ratio Lower Upper

63 100

106 31.9 23.7 35.5

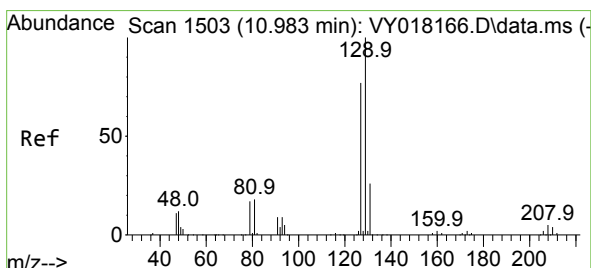
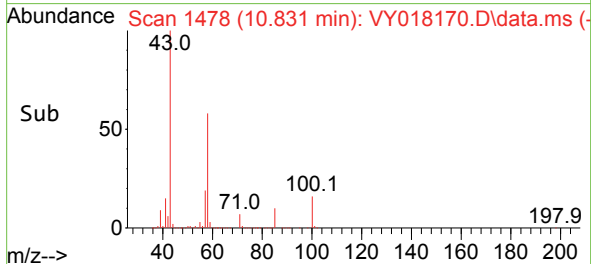
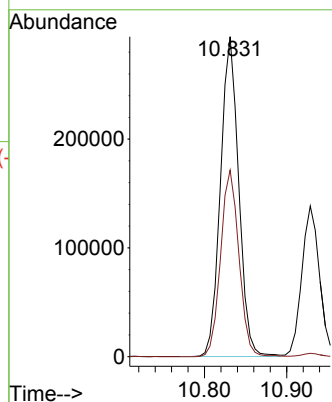
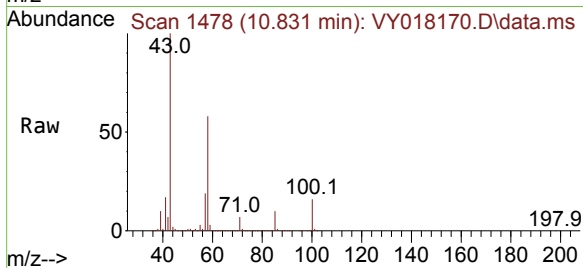




#59
2-Hexanone
Concen: 485.892 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

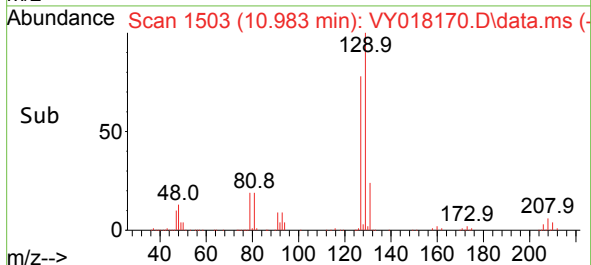
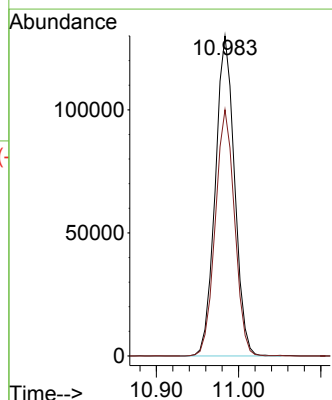
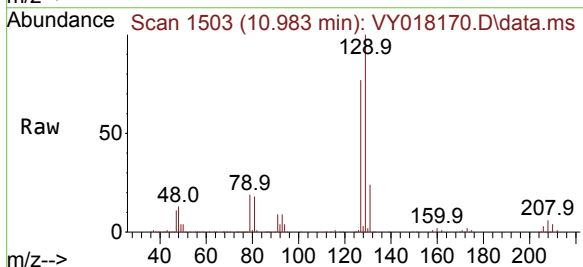
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

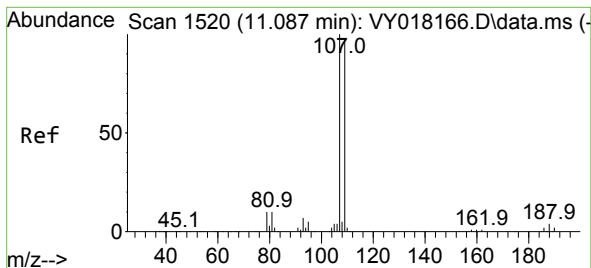
Tgt Ion: 43 Resp: 453164
Ion Ratio Lower Upper
43 100
58 58.7 31.4 94.0



#60
Dibromochloromethane
Concen: 95.574 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 129 Resp: 211841
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

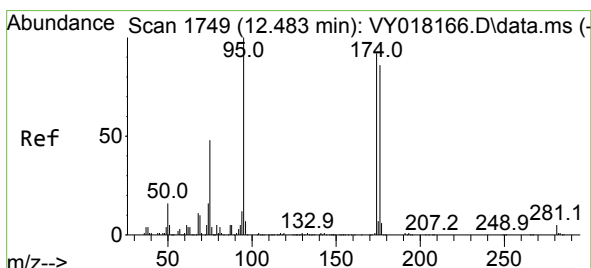
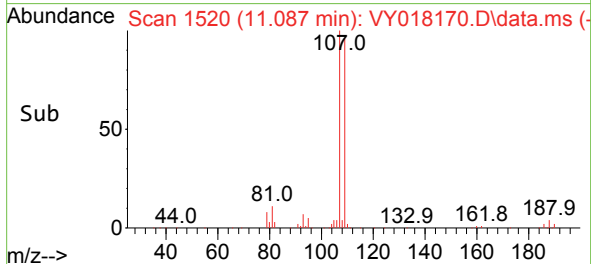
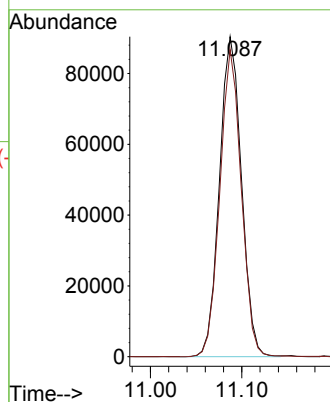
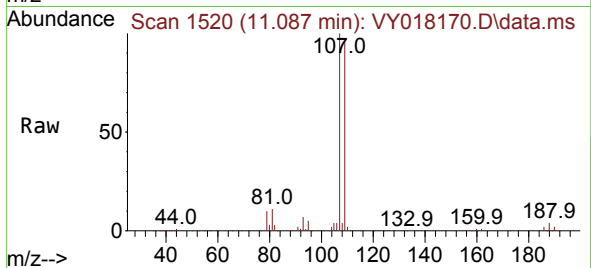




#61
1,2-Dibromoethane
Concen: 94.058 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

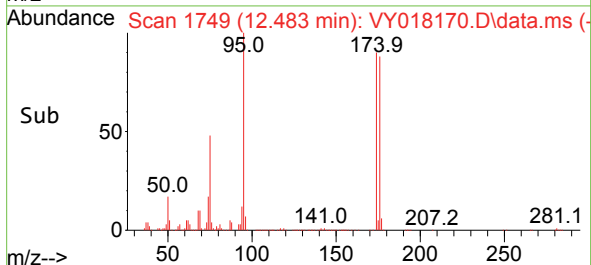
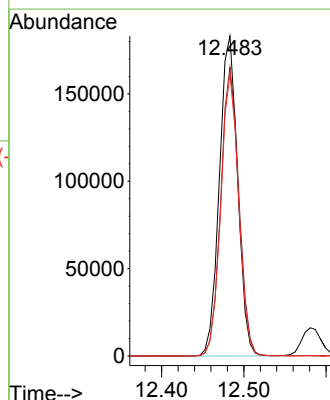
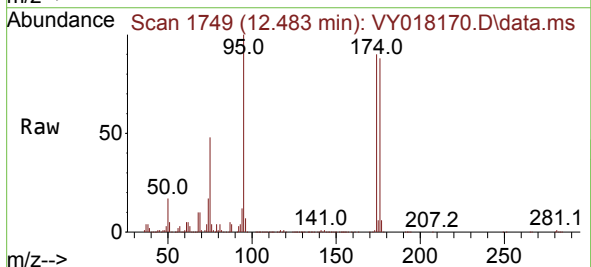
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

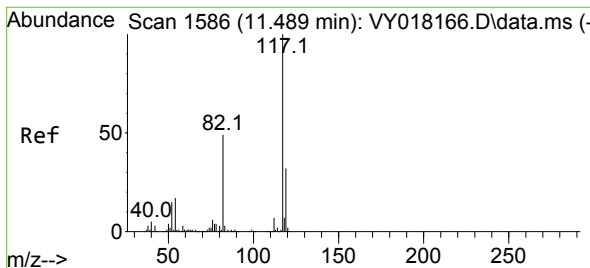
Tgt Ion:107 Resp: 151352
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 103.470 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 95 Resp: 282553
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 86.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

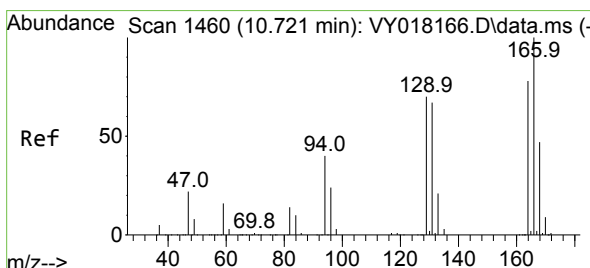
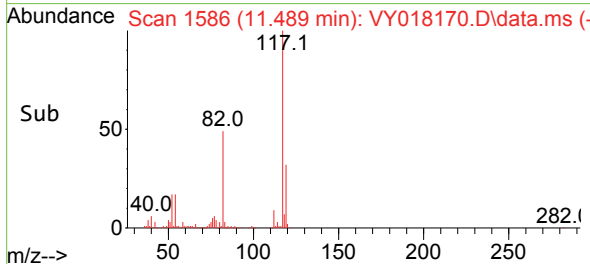
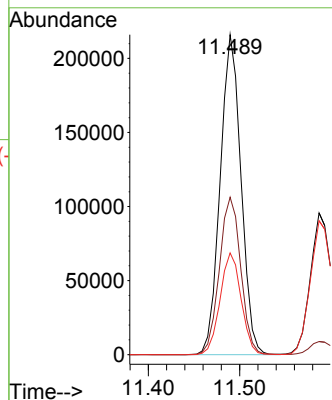
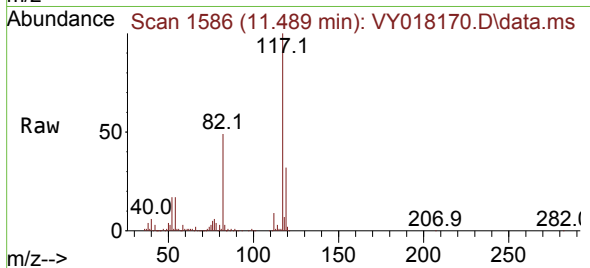
Tgt Ion:117 Resp: 341700

Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 98.302 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Tgt Ion:164 Resp: 223643

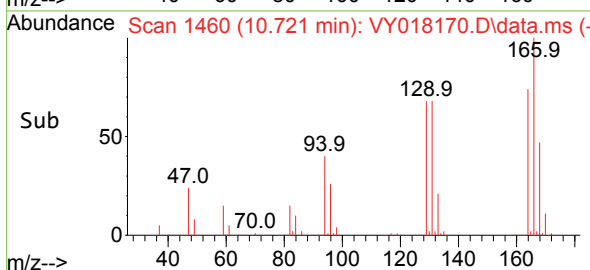
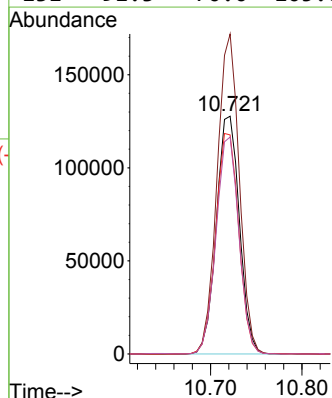
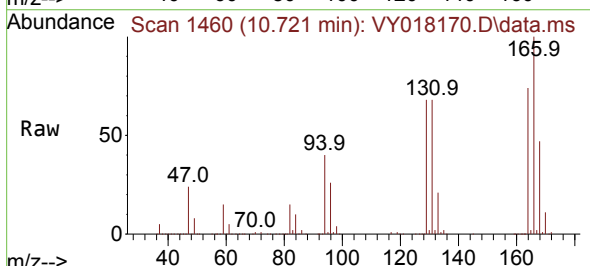
Ion Ratio Lower Upper

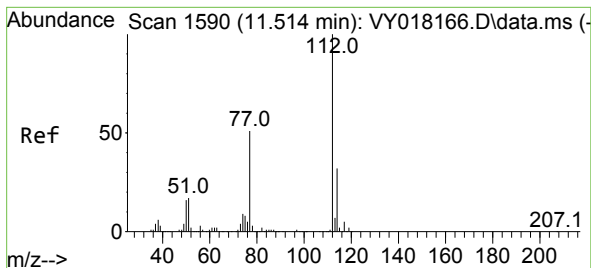
164 100

166 134.6 102.6 154.0

129 92.1 72.0 108.0

131 91.3 70.0 105.0





#65

Chlorobenzene

Concen: 97.509 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

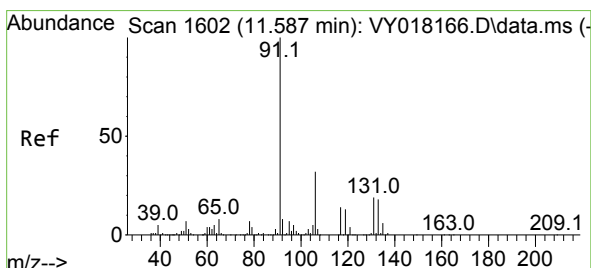
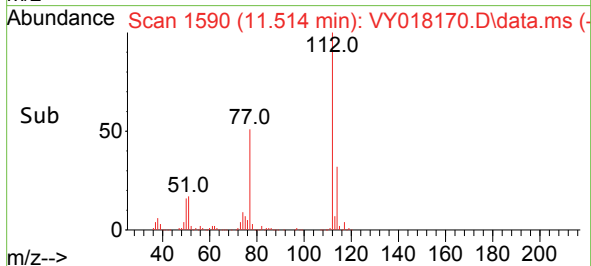
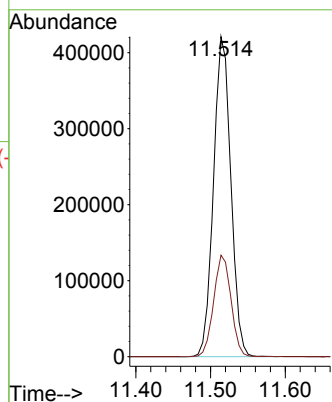
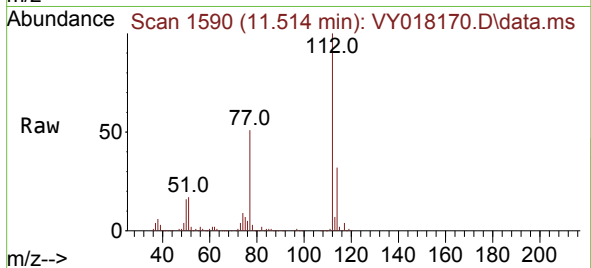
VSTDIC100

Tgt Ion:112 Resp: 678601

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 97.762 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

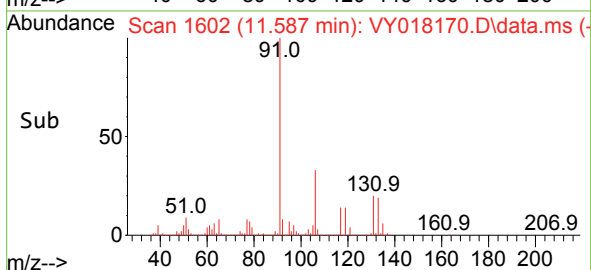
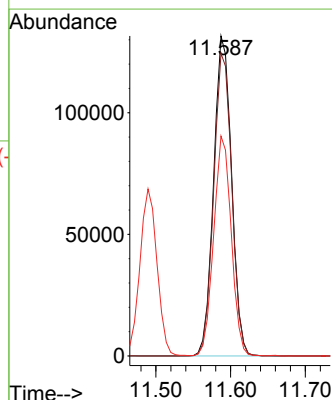
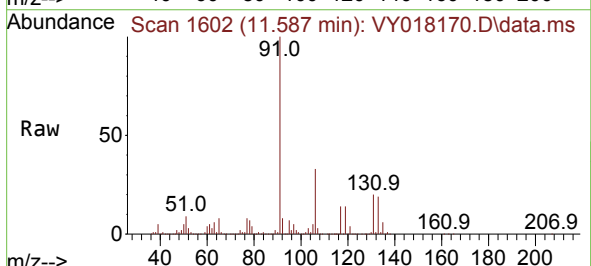
Tgt Ion:131 Resp: 220071

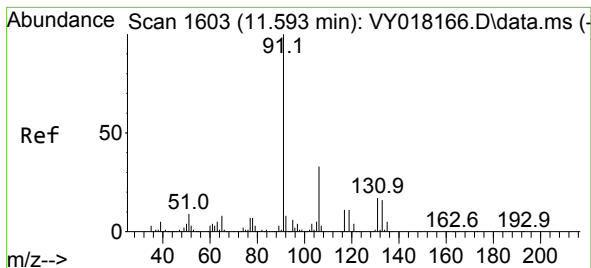
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 67.3 34.1 102.2

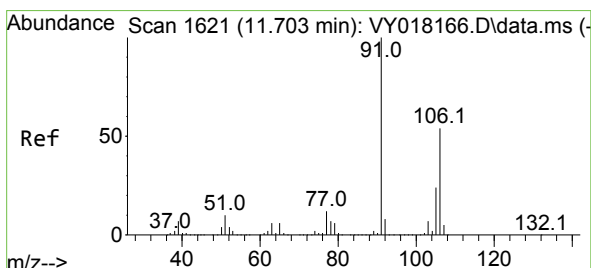
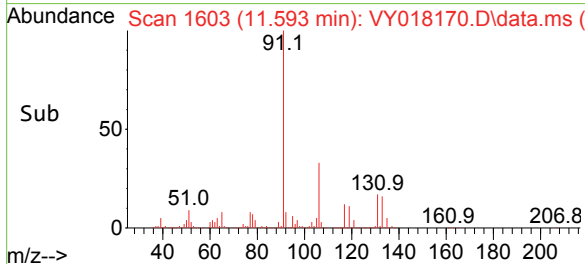
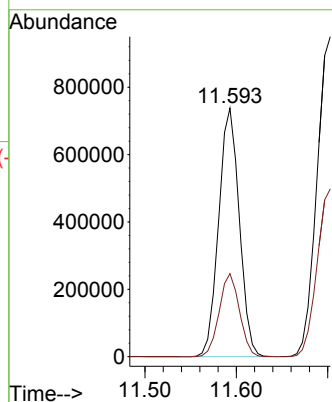
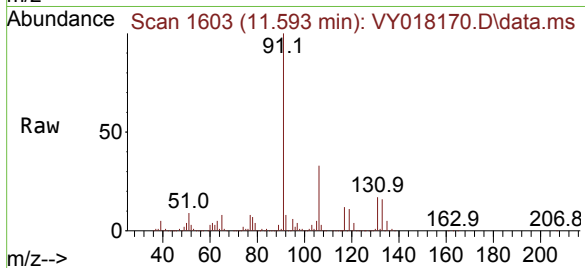




#67
Ethyl Benzene
Concen: 98.486 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

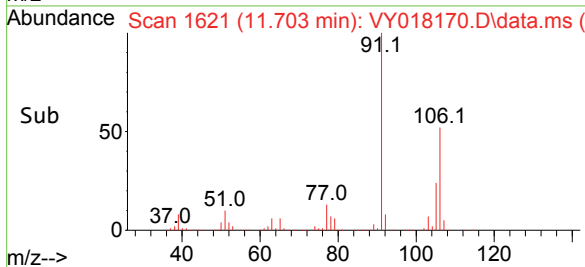
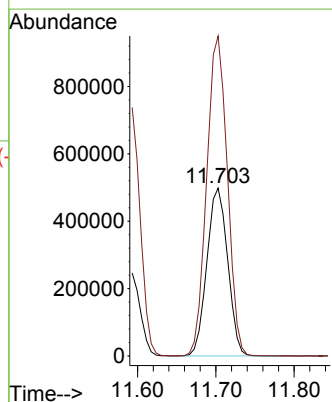
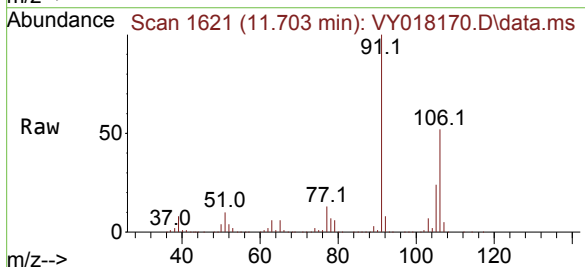
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

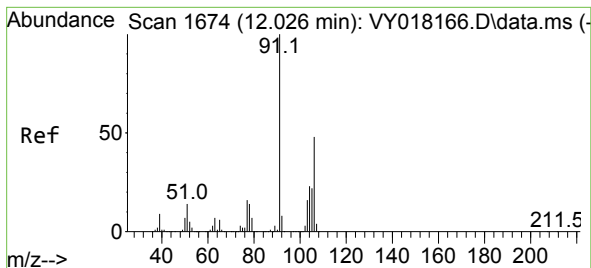
Tgt Ion: 91 Resp: 1157245
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 197.574 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion:106 Resp: 918073
Ion Ratio Lower Upper
106 100
91 189.4 156.0 234.0





#69

o-Xylene

Concen: 96.364 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

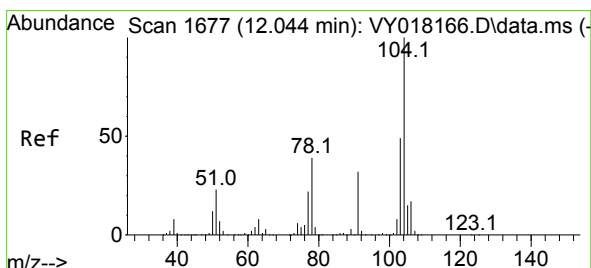
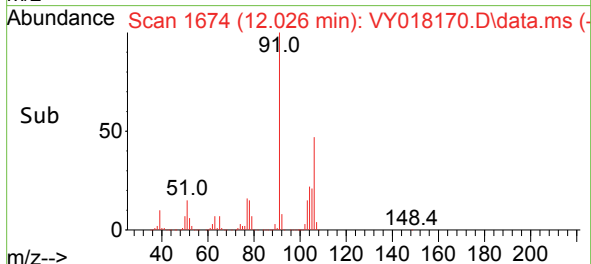
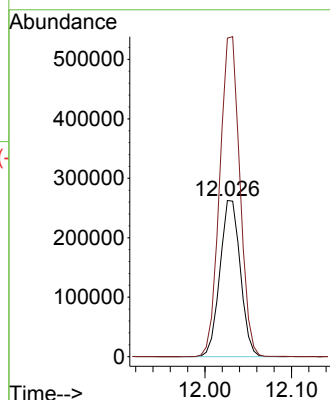
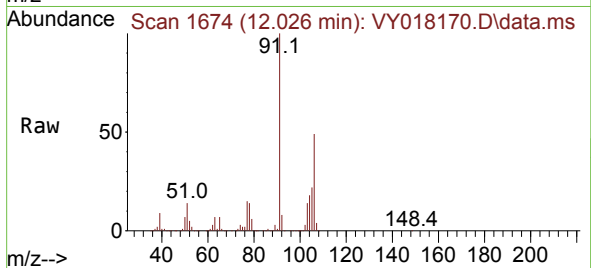
VSTDICC100

Tgt Ion:106 Resp: 429713

Ion Ratio Lower Upper

106 100

91 202.6 103.6 310.8



#70

Styrene

Concen: 98.272 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

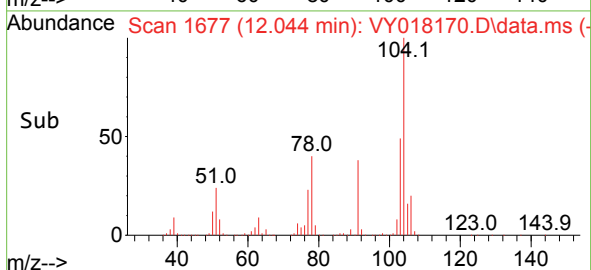
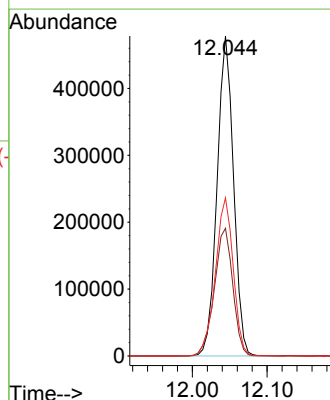
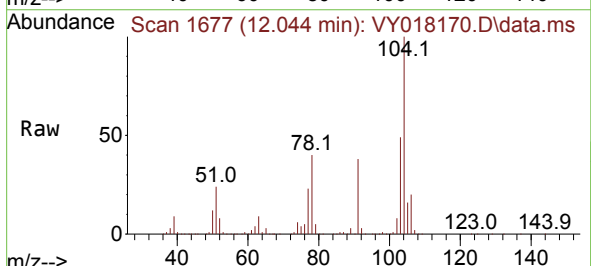
Tgt Ion:104 Resp: 731829

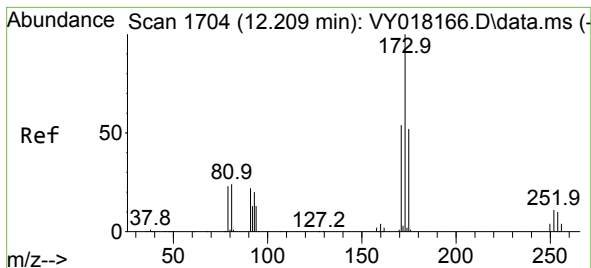
Ion Ratio Lower Upper

104 100

78 44.8 37.0 55.4

103 53.7 44.2 66.2





#71

Bromoform

Concen: 97.170 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

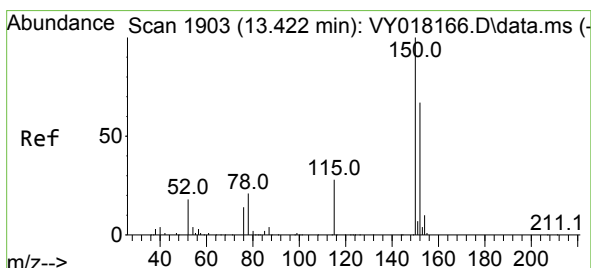
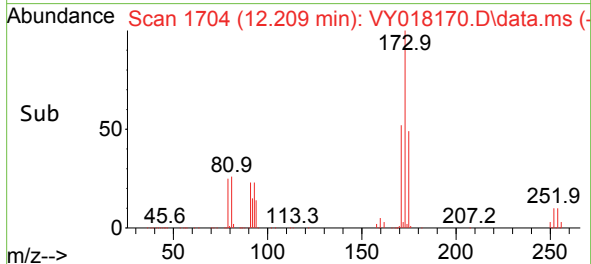
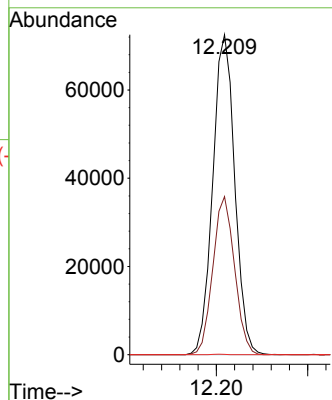
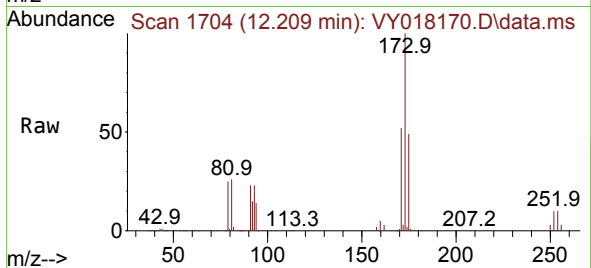
Tgt Ion:173 Resp: 121028

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

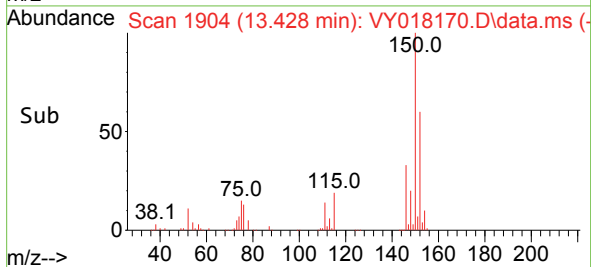
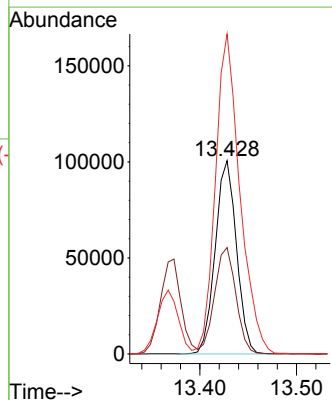
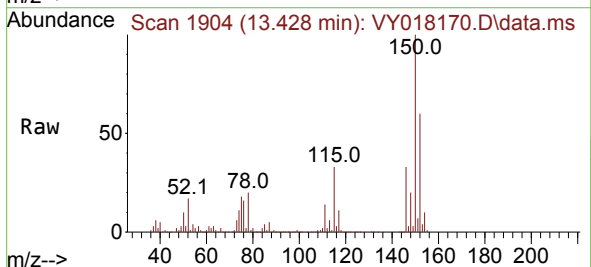
Tgt Ion:152 Resp: 153651

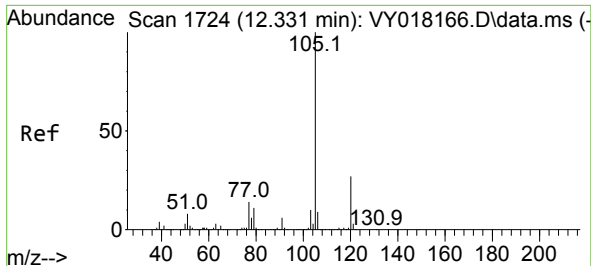
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 190.4 0.0 345.6

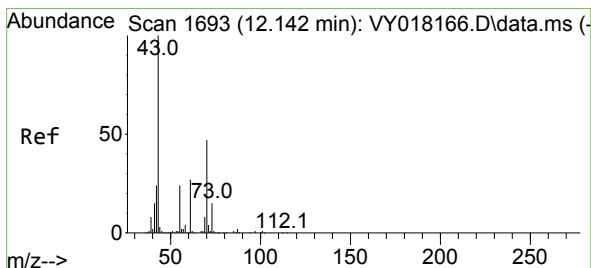
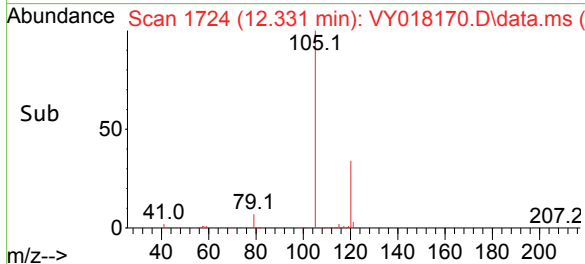
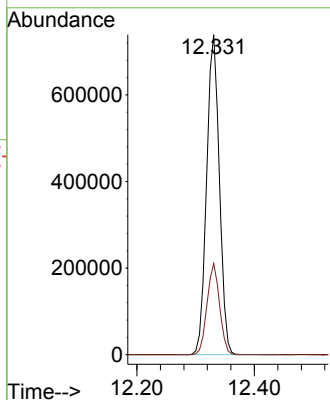
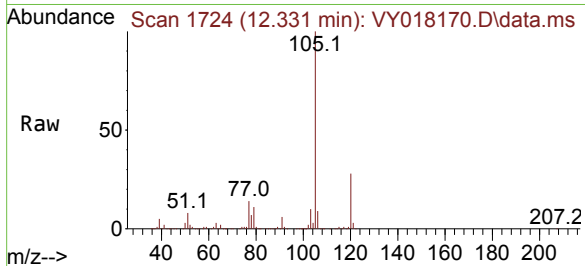




#73
Isopropylbenzene
Concen: 96.474 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

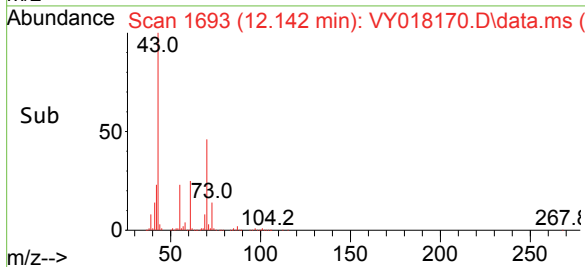
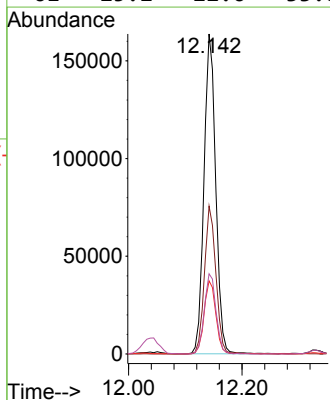
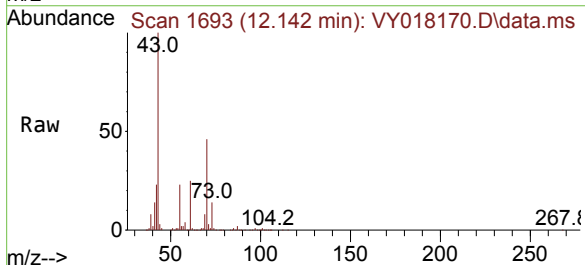
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

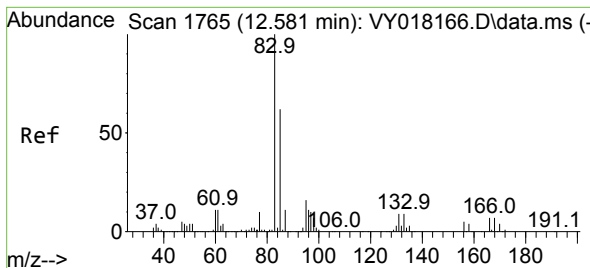
Tgt Ion:105 Resp: 1111393
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 98.322 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 43 Resp: 235131
Ion Ratio Lower Upper
43 100
70 45.0 41.4 62.2
55 22.8 23.3 34.9#
61 25.2 22.6 33.8

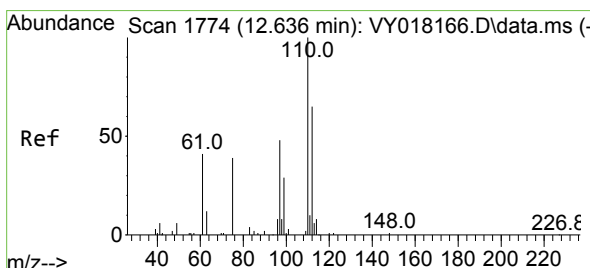
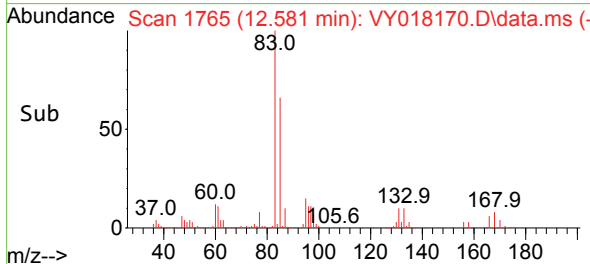
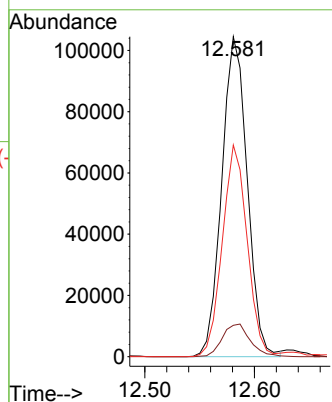
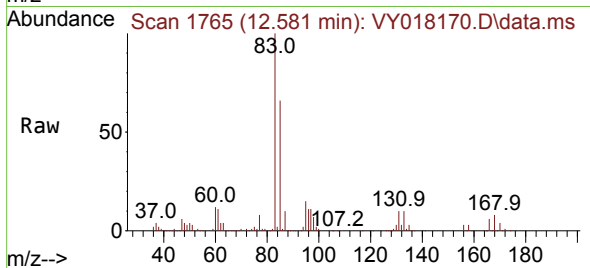




#75
 1,1,2,2-Tetrachloroethane
 Concen: 91.909 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

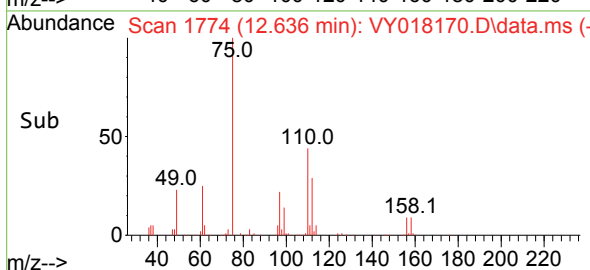
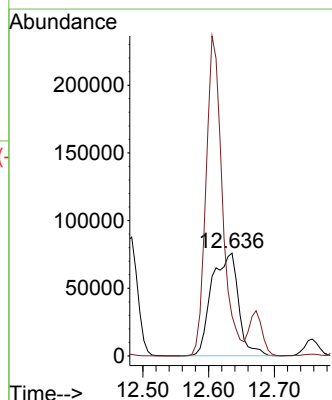
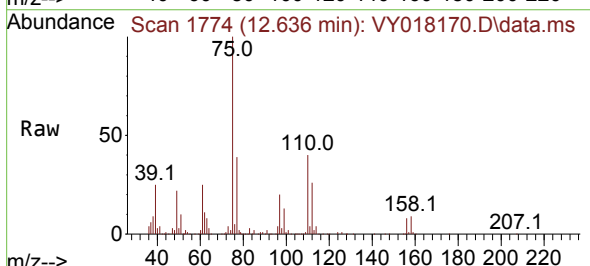
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

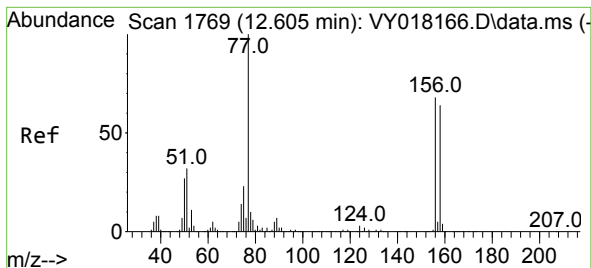
Tgt Ion: 83 Resp: 168902
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.0 14.9
 85 64.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 175.186 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

Tgt Ion: 75 Resp: 215457
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.282 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

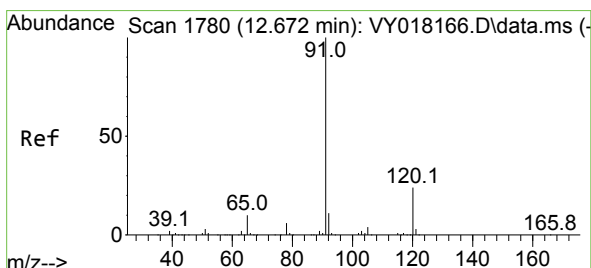
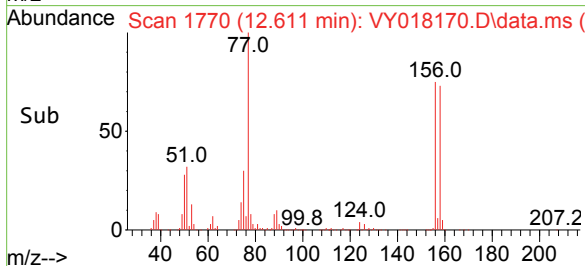
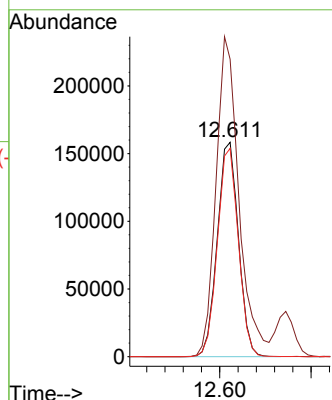
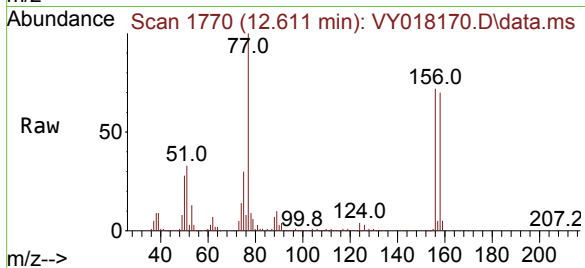
Tgt Ion:156 Resp: 254812

Ion Ratio Lower Upper

156 100

77 161.5 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 97.105 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018170.D

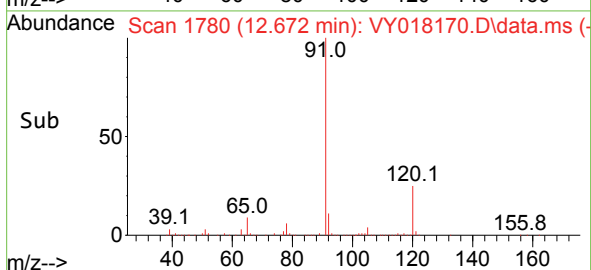
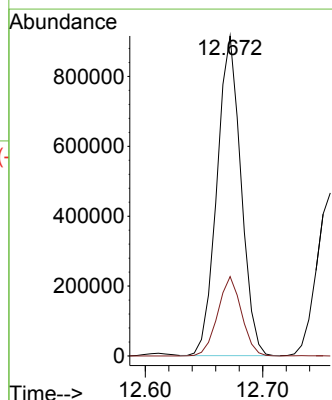
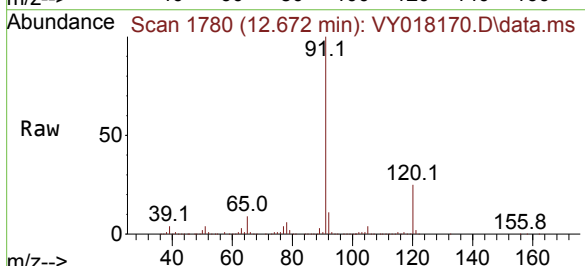
Acq: 07 May 2024 13:07

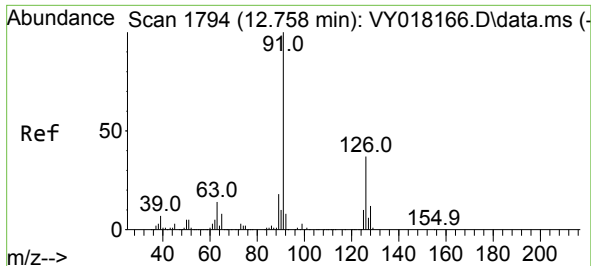
Tgt Ion: 91 Resp: 1301159

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 95.593 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

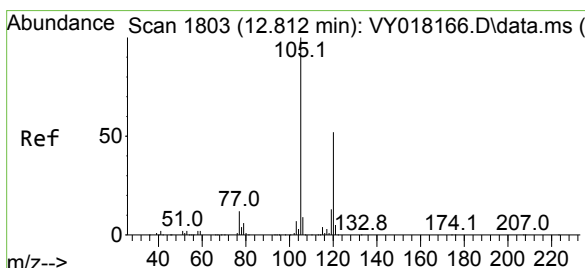
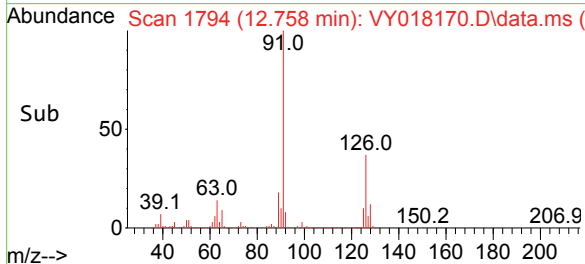
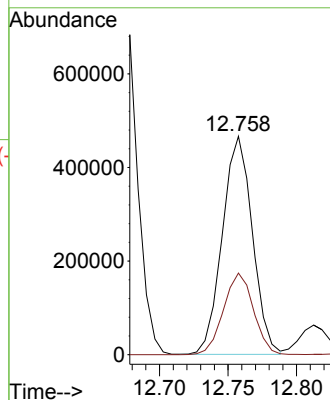
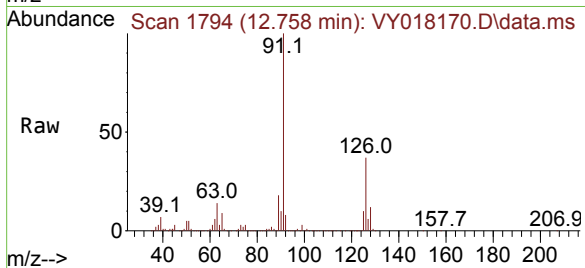
VSTDIC100

Tgt Ion: 91 Resp: 711791

Ion Ratio Lower Upper

91 100

126 37.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 96.532 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018170.D

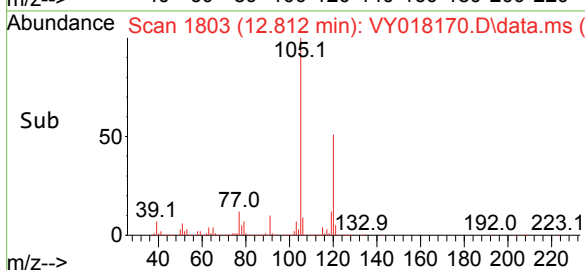
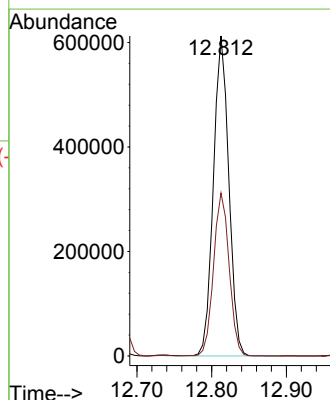
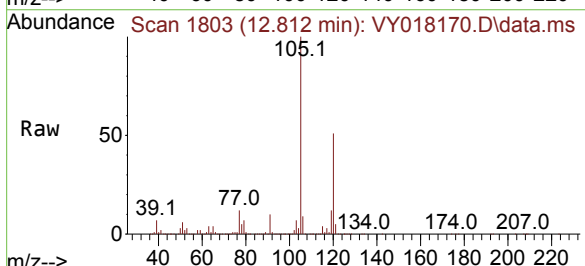
Acq: 07 May 2024 13:07

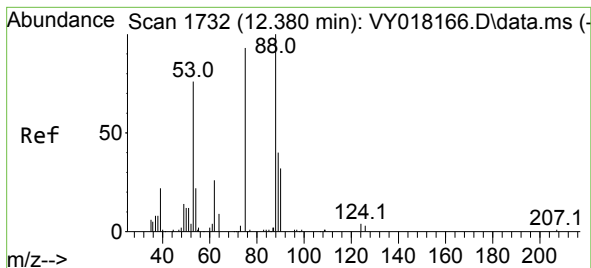
Tgt Ion:105 Resp: 876896

Ion Ratio Lower Upper

105 100

120 51.6 25.1 75.2

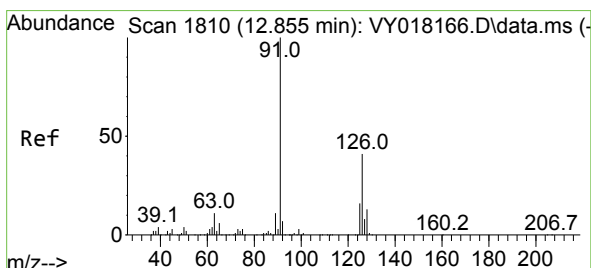
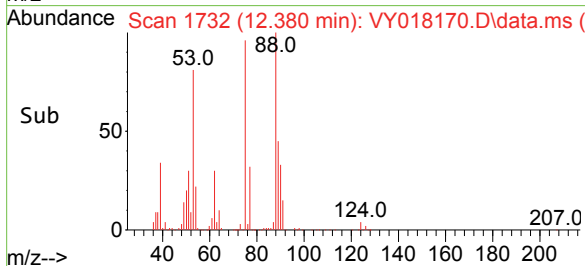
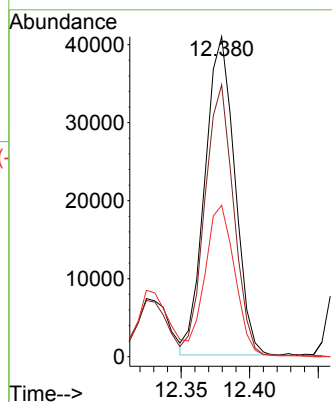
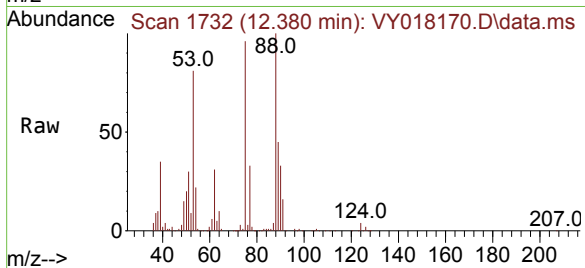




#81
trans-1,4-Dichloro-2-butene
Concen: 96.719 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

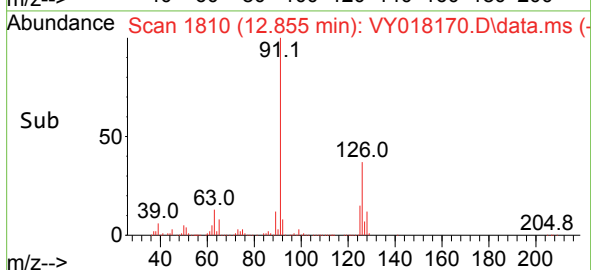
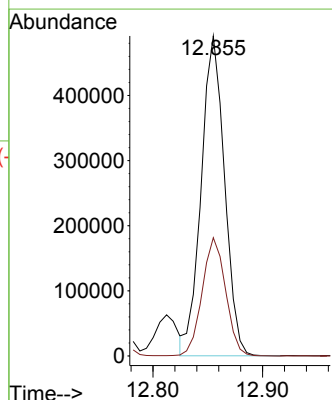
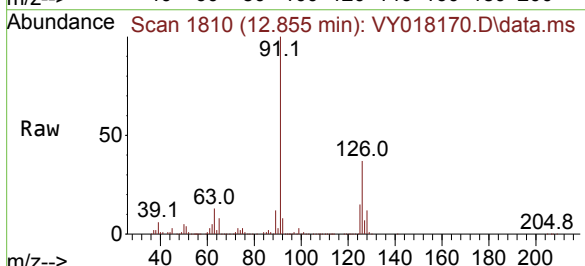
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

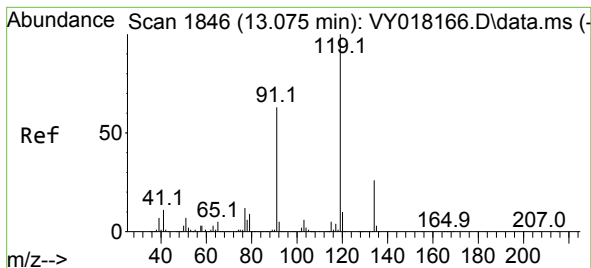
Tgt Ion: 75 Resp: 61740
Ion Ratio Lower Upper
75 100
53 83.6 66.8 100.2
89 47.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 97.060 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018170.D
Acq: 07 May 2024 13:07

Tgt Ion: 91 Resp: 725951
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 96.915 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

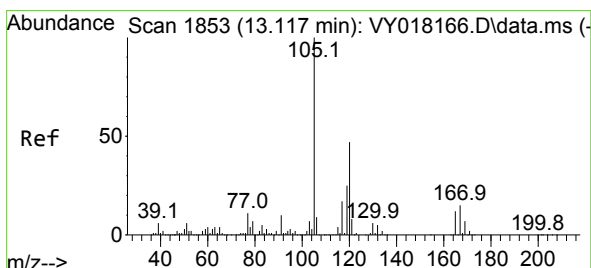
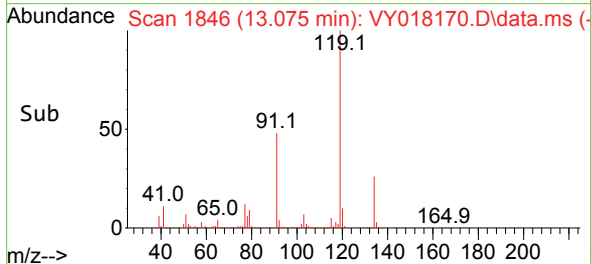
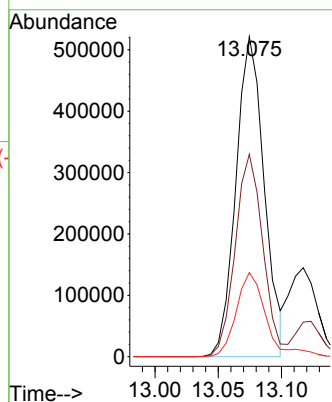
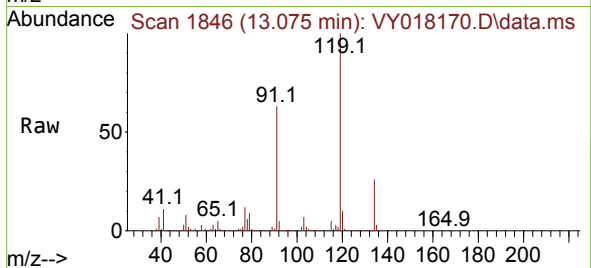
Tgt Ion:119 Resp: 812038

Ion Ratio Lower Upper

119 100

91 62.2 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 97.215 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018170.D

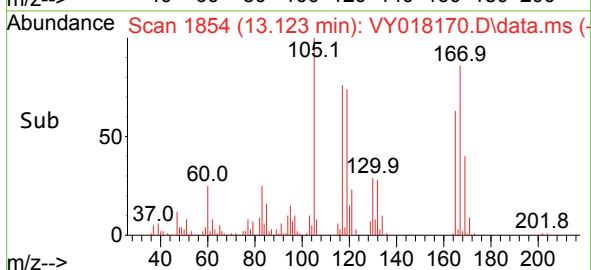
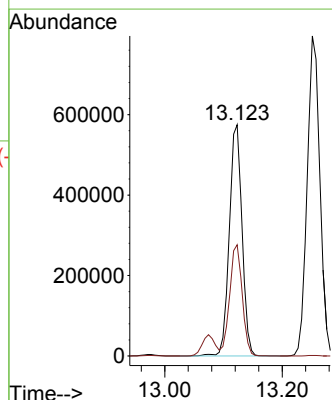
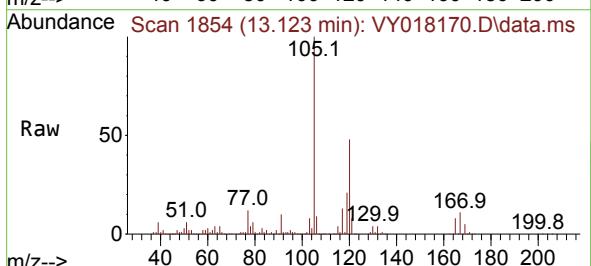
Acq: 07 May 2024 13:07

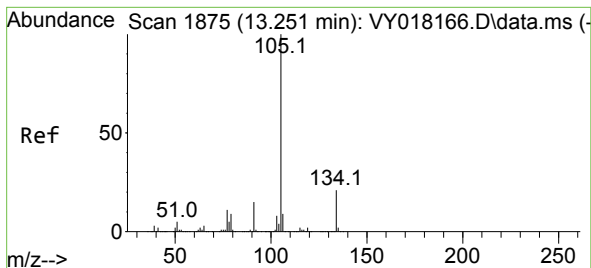
Tgt Ion:105 Resp: 865057

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 96.989 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

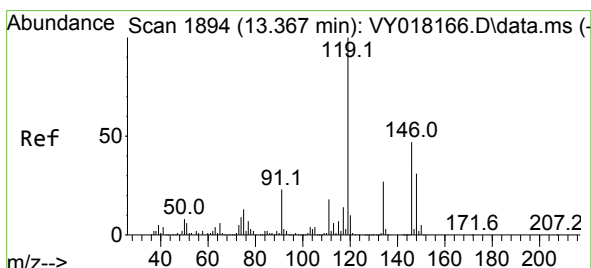
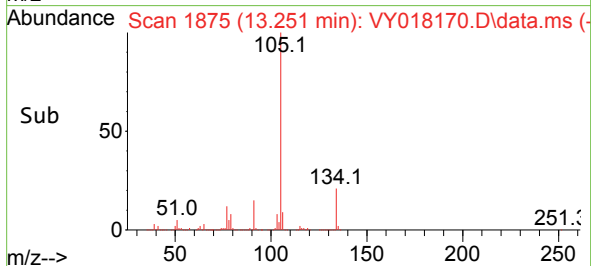
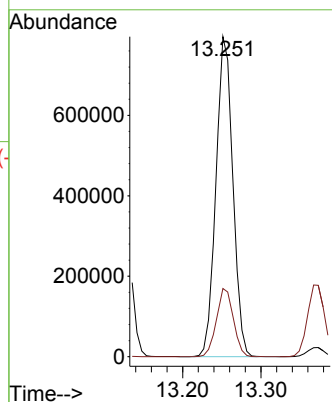
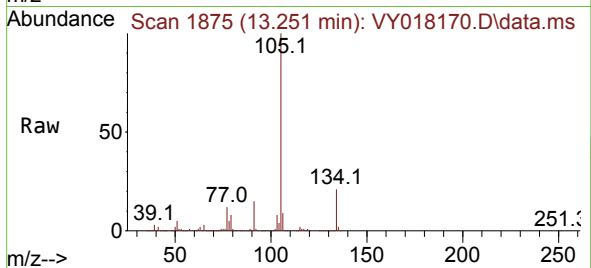
VSTDIC100

Tgt Ion:105 Resp: 1192033

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 98.262 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

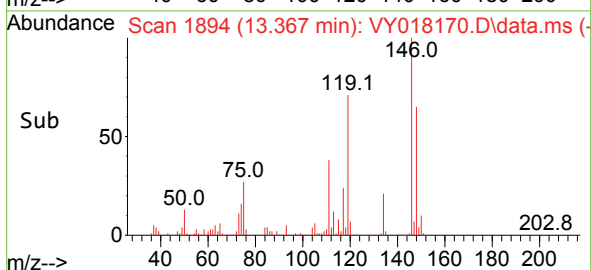
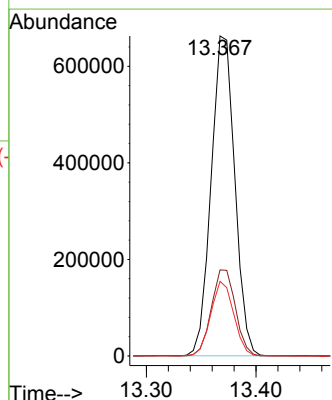
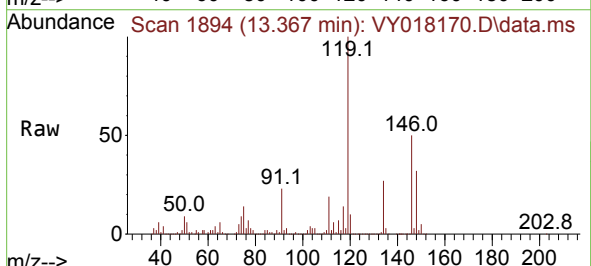
Tgt Ion:119 Resp: 993501

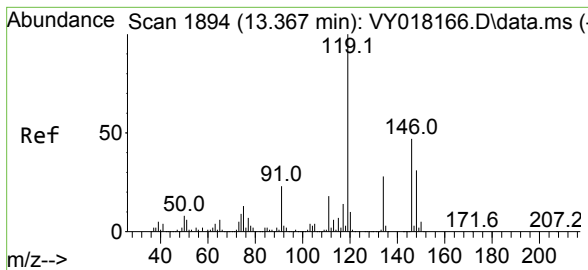
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 96.941 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

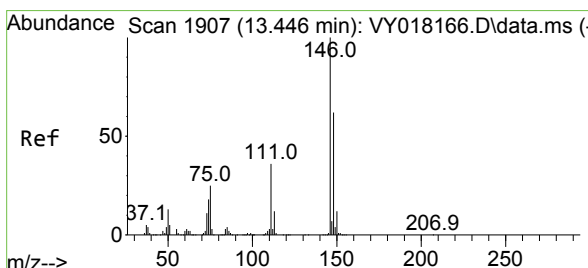
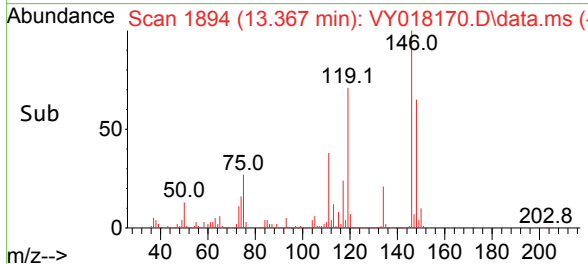
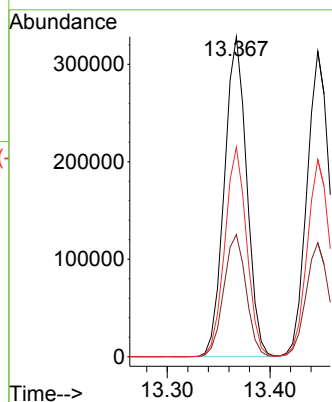
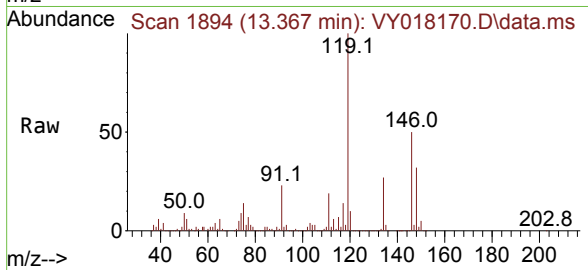
Tgt Ion:146 Resp: 495467

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 96.414 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

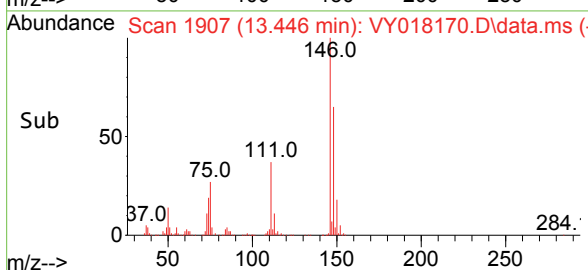
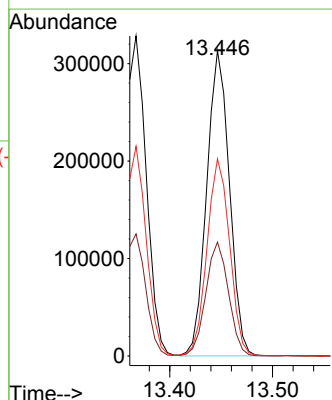
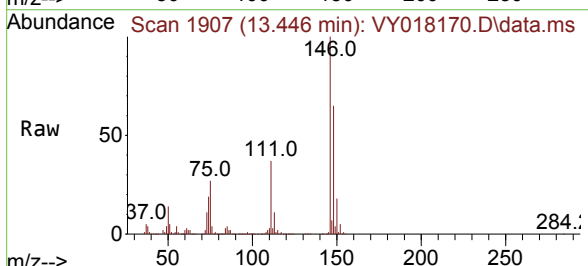
Tgt Ion:146 Resp: 480387

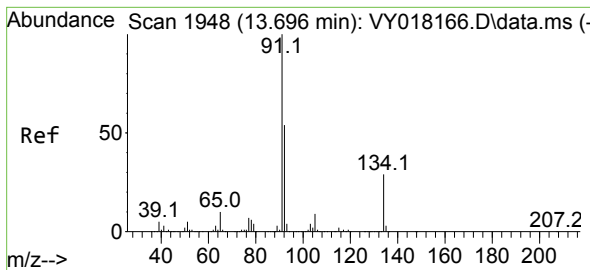
Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 99.352 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

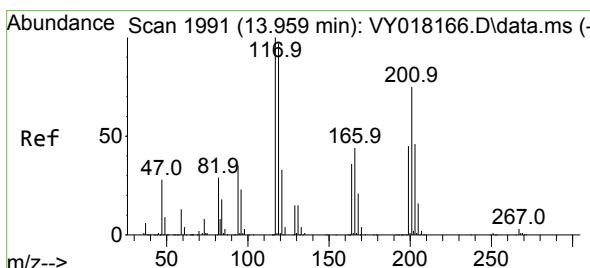
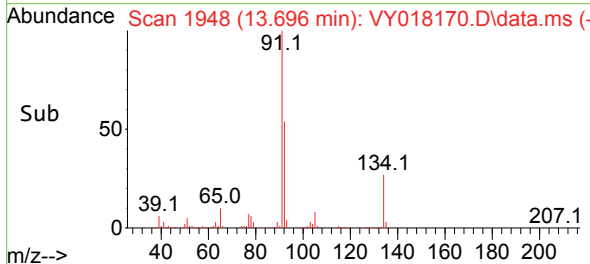
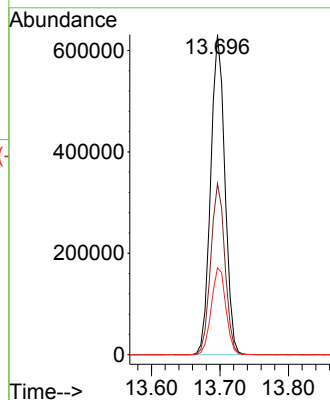
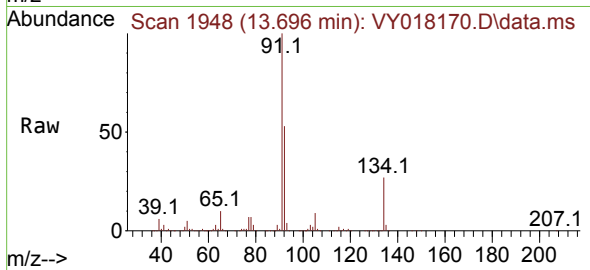
Tgt Ion: 91 Resp: 909107

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 27.8 12.9 38.7



#90

Hexachloroethane

Concen: 98.845 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018170.D

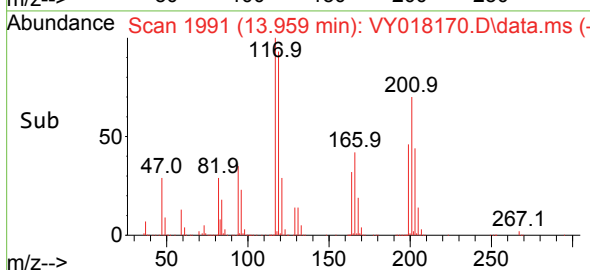
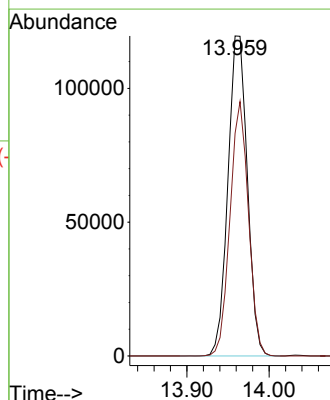
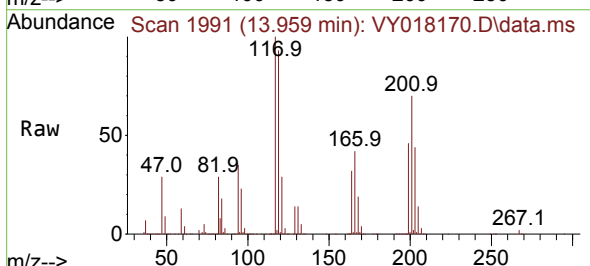
Acq: 07 May 2024 13:07

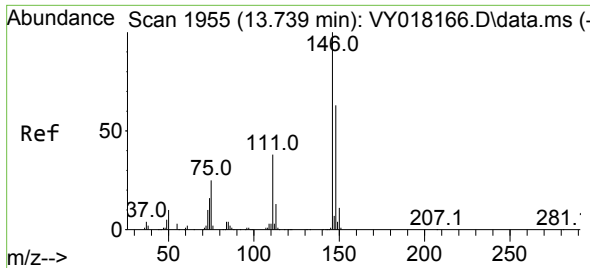
Tgt Ion: 117 Resp: 196066

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.2

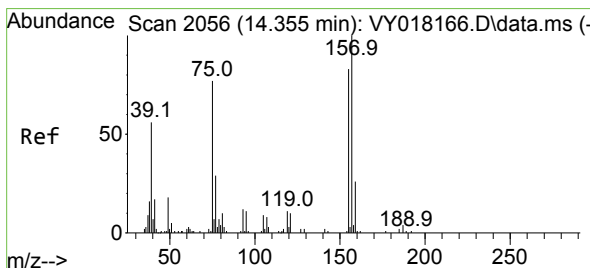
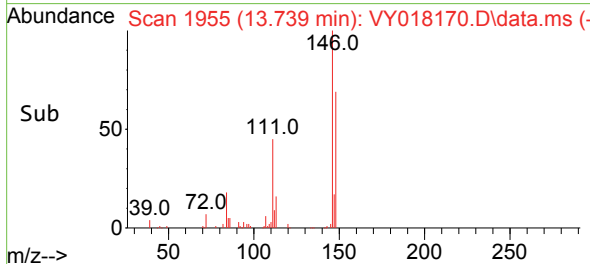
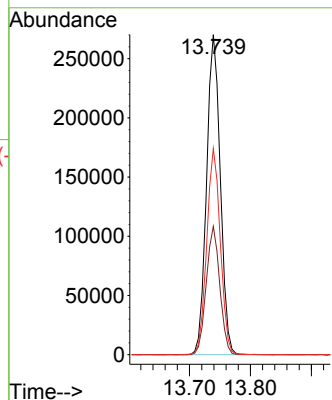
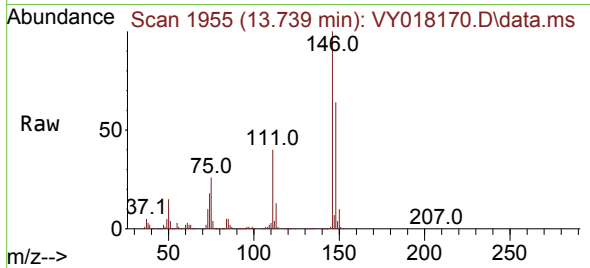




#91
 1,2-Dichlorobenzene
 Concen: 96.287 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

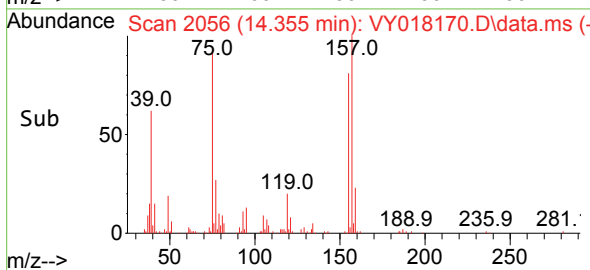
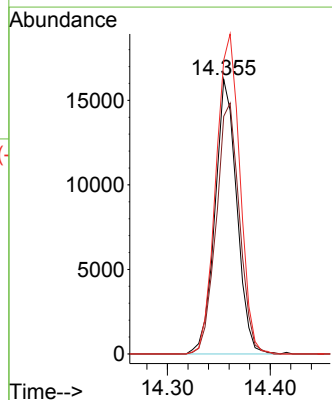
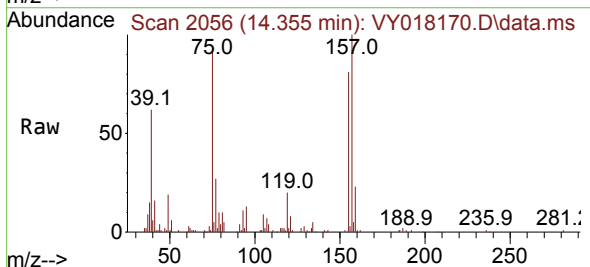
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

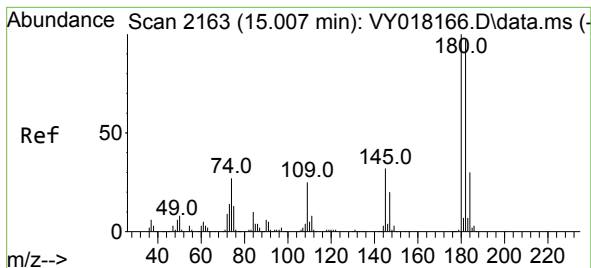
Tgt Ion:146 Resp: 422987
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.668 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY018170.D
 Acq: 07 May 2024 13:07

Tgt Ion: 75 Resp: 23939
 Ion Ratio Lower Upper
 75 100
 155 97.3 48.6 145.8
 157 127.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 104.454 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

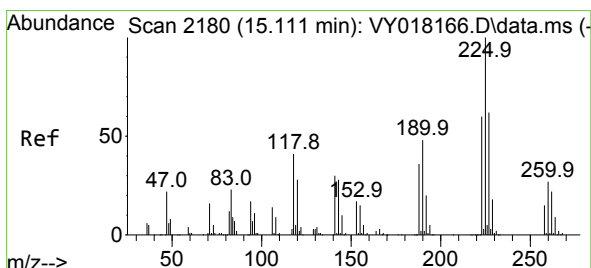
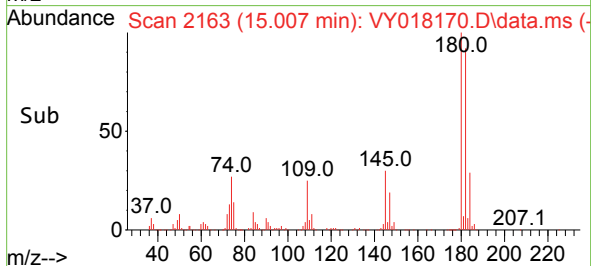
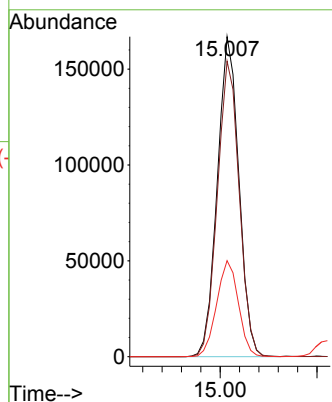
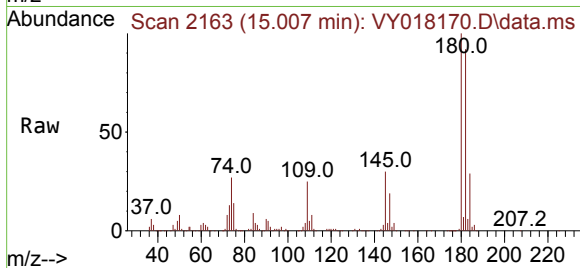
Tgt Ion:180 Resp: 257966

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 101.736 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

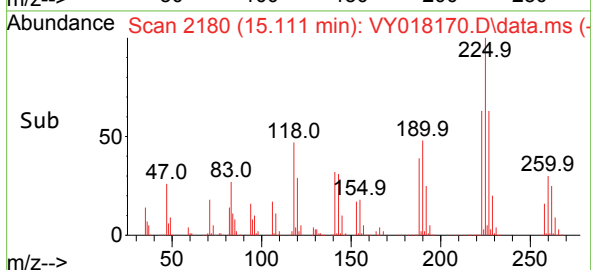
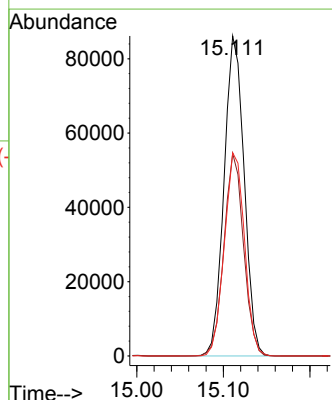
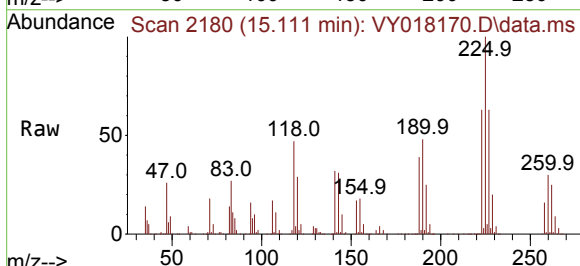
Tgt Ion:225 Resp: 138628

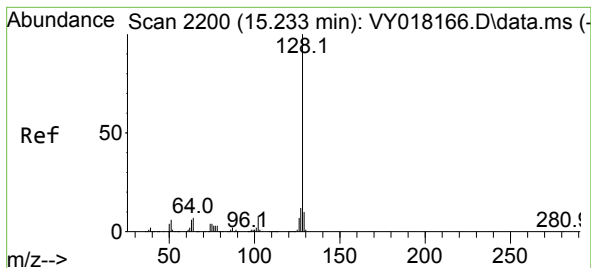
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 101.529 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

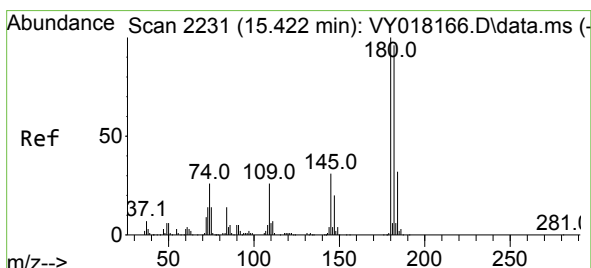
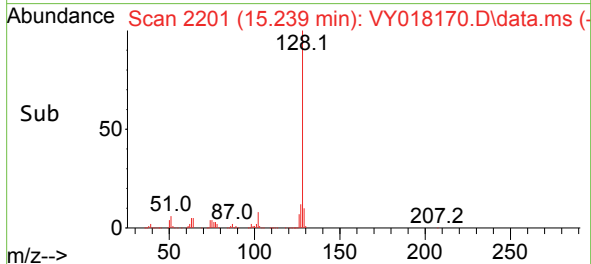
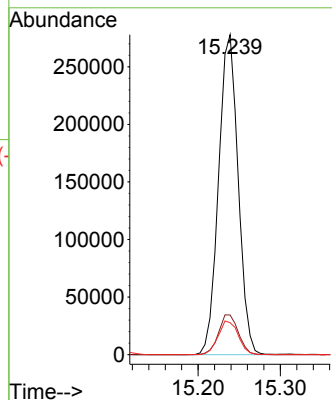
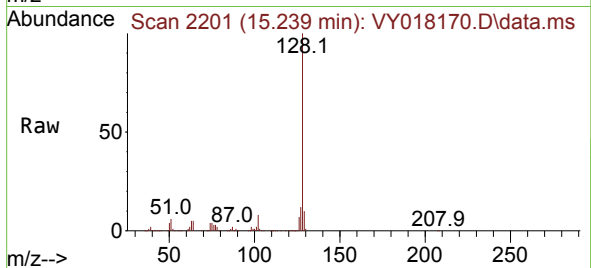
Tgt Ion:128 Resp: 459464

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 102.014 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018170.D

Acq: 07 May 2024 13:07

Tgt Ion:180 Resp: 206757

Ion Ratio Lower Upper

180 100

182 97.7 47.6 142.9

145 32.3 15.4 46.1

