

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017944.D
 Acq On : 16 Apr 2024 12:41
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 17 06:07:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	448154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	695239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	613876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	292675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	389292	100.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.760%#	
35) Dibromofluoromethane	7.722	113	438175	102.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 204.320%#	
50) Toluene-d8	10.185	98	1701154	104.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 209.040%#	
62) 4-Bromofluorobenzene	12.483	95	536435	106.424	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 212.840%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	321324	90.379	ug/l	99
3) Chloromethane	2.113	50	518464	88.008	ug/l	98
4) Vinyl Chloride	2.247	62	612020	92.171	ug/l	100
5) Bromomethane	2.644	94	425025	96.167	ug/l	98
6) Chloroethane	2.790	64	391930	93.494	ug/l	99
7) Trichlorofluoromethane	3.125	101	698328	93.318	ug/l	94
8) Diethyl Ether	3.527	74	235891	99.755	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	439129	94.232	ug/l	99
10) Methyl Iodide	4.088	142	617416	99.587	ug/l	98
11) Tert butyl alcohol	4.960	59	140461	522.375	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	437836	96.782	ug/l	96
13) Acrolein	3.729	56	162379	537.609	ug/l	99
14) Allyl chloride	4.479	41	572547	97.796	ug/l	96
15) Acrylonitrile	5.161	53	487267	507.509	ug/l	100
16) Acetone	3.948	43	385128	502.589	ug/l	94
17) Carbon Disulfide	4.198	76	1354118	94.092	ug/l	98
18) Methyl Acetate	4.479	43	190510	94.504	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	1022723	103.731	ug/l	100
20) Methylene Chloride	4.716	84	483185	93.073	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	483692	97.601	ug/l	99
22) Diisopropyl ether	6.118	45	1279323	99.678	ug/l	99
23) Vinyl Acetate	6.064	43	3986186	523.759	ug/l	99
24) 1,1-Dichloroethane	6.021	63	814238	97.166	ug/l	99
25) 2-Butanone	6.984	43	590360	524.137	ug/l	96
26) 2,2-Dichloropropane	6.984	77	658845	97.998	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	567986	100.352	ug/l	99
28) Bromochloromethane	7.338	49	308894	93.709	ug/l	99
29) Tetrahydrofuran	7.350	42	374667	524.175	ug/l	98
30) Chloroform	7.508	83	825219	96.355	ug/l	99
31) Cyclohexane	7.789	56	685591	92.487	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	690286	96.771	ug/l	98
36) 1,1-Dichloropropene	7.923	75	609948	97.783	ug/l	99
37) Ethyl Acetate	7.076	43	267951	104.409	ug/l	98
38) Carbon Tetrachloride	7.905	117	623410	98.923	ug/l	98
39) Methylcyclohexane	9.185	83	821656	101.080	ug/l	98
40) Benzene	8.161	78	1928597	98.707	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	124464	76.842	ug/l	92
42) 1,2-Dichloroethane	8.240	62	445804	99.578	ug/l	100
43) Isopropyl Acetate	8.277	43	505191	105.602	ug/l	98
44) Trichloroethene	8.941	130	495100	99.717	ug/l	99
45) 1,2-Dichloropropane	9.215	63	442920	98.478	ug/l	99
46) Dibromomethane	9.307	93	255428	102.670	ug/l	98
47) Bromodichloromethane	9.496	83	628437	100.685	ug/l	98
48) Methyl methacrylate	9.295	41	234357	106.909	ug/l	99
49) 1,4-Dioxane	9.301	88	60617	2134.314	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	1357951	535.460	ug/l	100
52) Toluene	10.246	92	1221669	101.894	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	603090	105.840	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	719964	102.852	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	344046	101.731	ug/l	97
56) Ethyl methacrylate	10.508	69	496782	112.676	ug/l	99
57) 1,3-Dichloropropane	10.788	76	580606	101.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	1247091	544.158	ug/l	100
59) 2-Hexanone	10.831	43	964523	557.146	ug/l	100
60) Dibromochloromethane	10.983	129	450572	103.664	ug/l	99
61) 1,2-Dibromoethane	11.087	107	326519	103.597	ug/l	100
64) Tetrachloroethene	10.721	164	437860	99.570	ug/l	98
65) Chlorobenzene	11.514	112	1343433	99.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	453339	102.187	ug/l	100
67) Ethyl Benzene	11.593	91	2325805	102.668	ug/l	98
68) m/p-Xylenes	11.703	106	1787171	205.402	ug/l	100
69) o-Xylene	12.032	106	852443	104.912	ug/l	99
70) Styrene	12.044	104	1469077	106.975	ug/l	99
71) Bromoform	12.209	173	269397	105.101	ug/l #	99
73) Isopropylbenzene	12.331	105	2177692	102.114	ug/l	99
74) N-amyl acetate	12.142	43	469094	108.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	396725	99.745	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	483308	176.421	ug/l #	100
77) Bromobenzene	12.605	156	529238	102.548	ug/l	98
78) n-propylbenzene	12.672	91	2592260	100.184	ug/l	98
79) 2-Chlorotoluene	12.758	91	1448702	100.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1720766	101.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	141276	106.060	ug/l	96
82) 4-Chlorotoluene	12.855	91	1480776	98.720	ug/l	98
83) tert-Butylbenzene	13.075	119	1590470	102.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	1724025	102.376	ug/l	99
85) sec-Butylbenzene	13.251	105	2328856	100.388	ug/l	99
86) p-Isopropyltoluene	13.367	119	1961967	102.924	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	1029680	100.557	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	983815	97.872	ug/l	99
89) n-Butylbenzene	13.696	91	1812751	101.082	ug/l	99
90) Hexachloroethane	13.959	117	387053	99.021	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	882089	99.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	52751	103.109	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	543227	105.594	ug/l	99
94) Hexachlorobutadiene	15.111	225	300139	98.346	ug/l	99
95) Naphthalene	15.233	128	973450	114.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	460388	106.652	ug/l	100

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QLast Update : Wed Apr 17 06:02:45 2024
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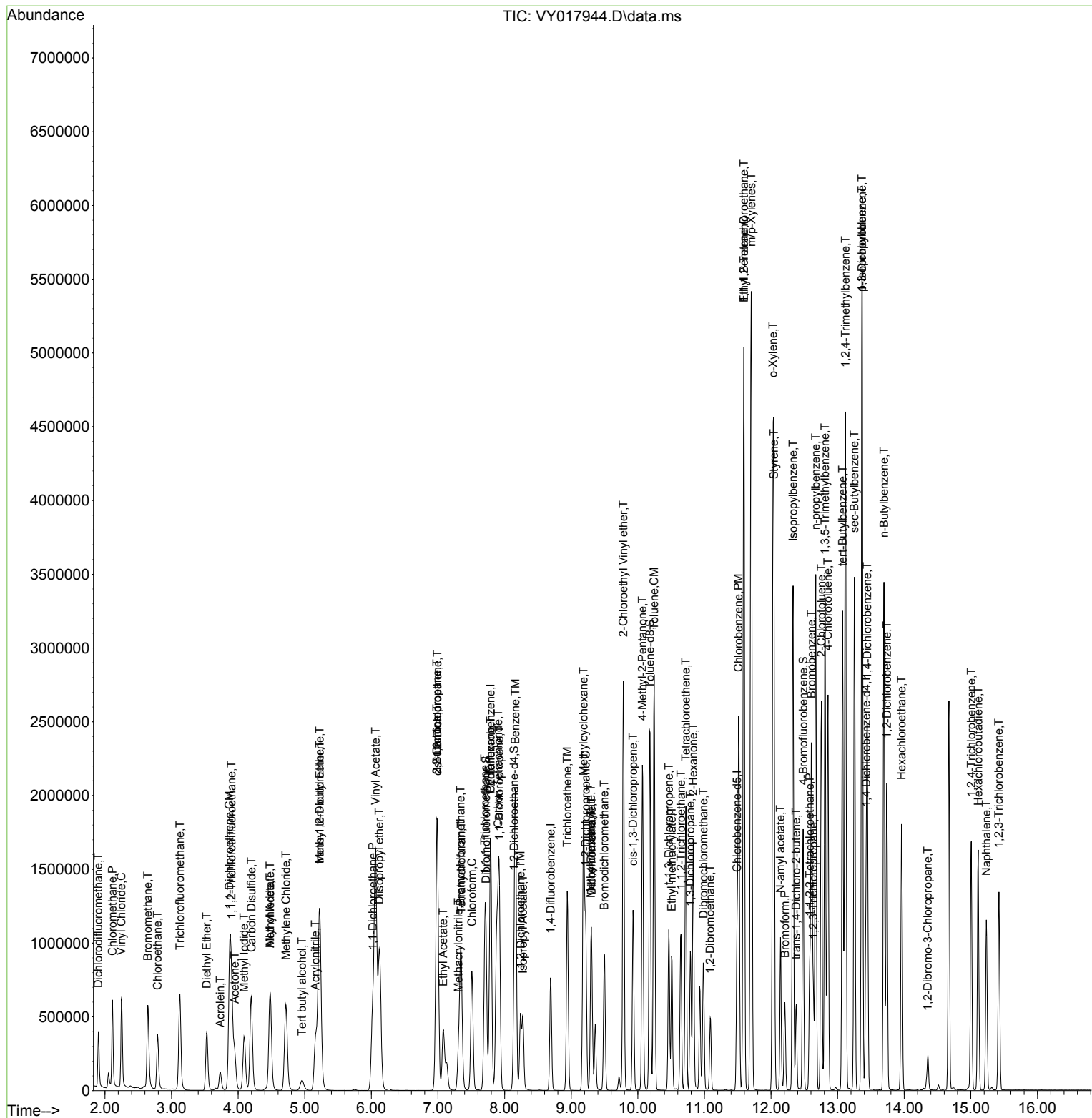
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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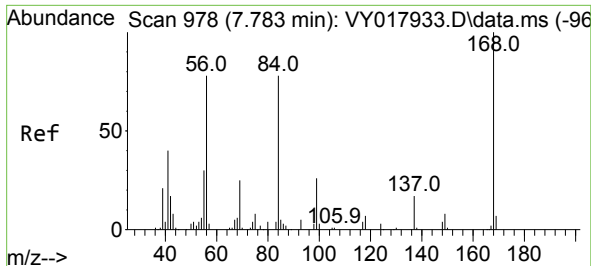
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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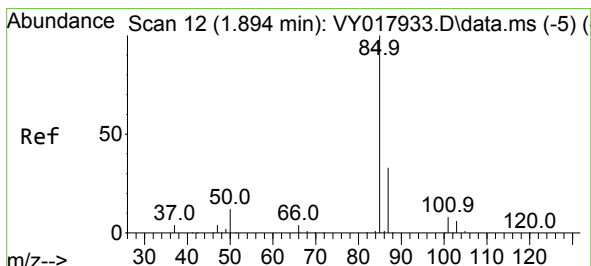
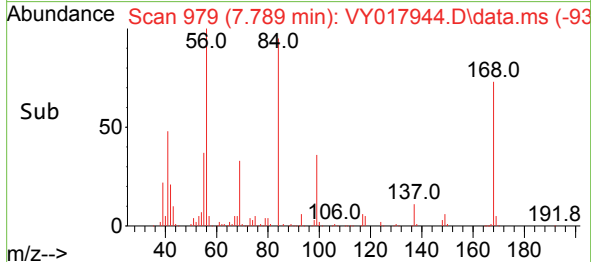
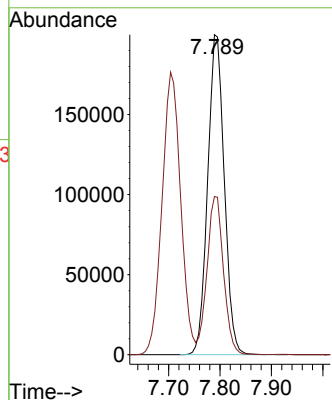
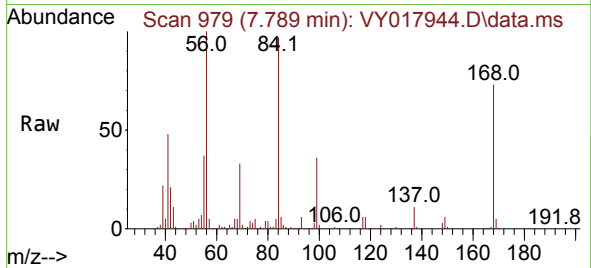




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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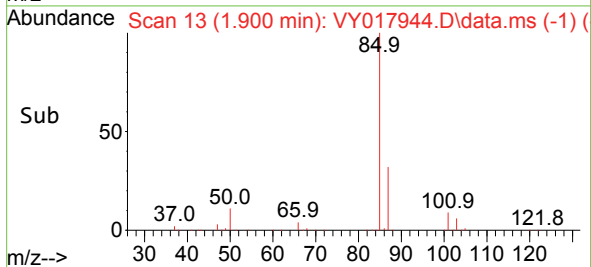
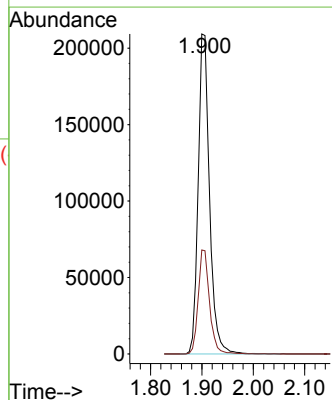
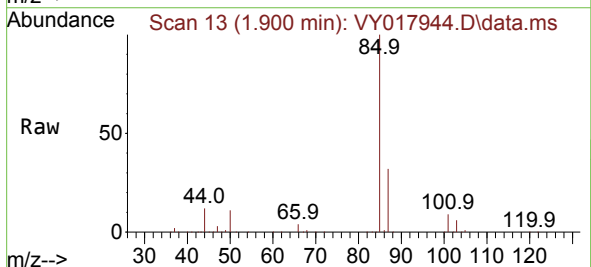
Instrument :
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VSTDICC100

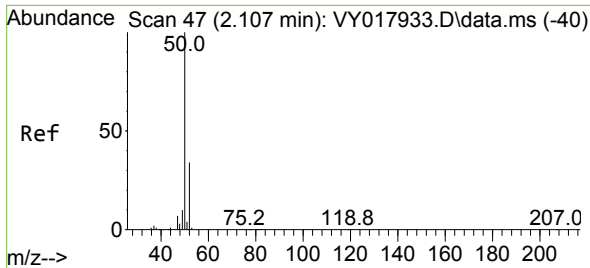
Tgt Ion:168 Resp: 448154
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 90.379 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 85 Resp: 321324
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

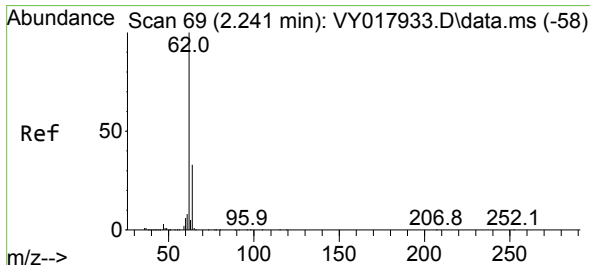
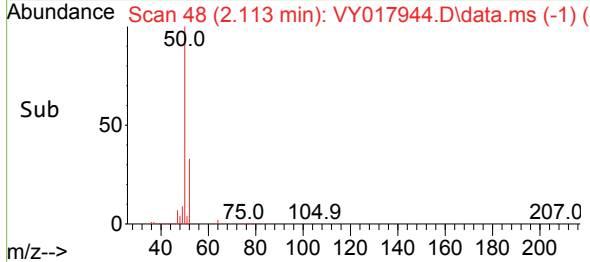
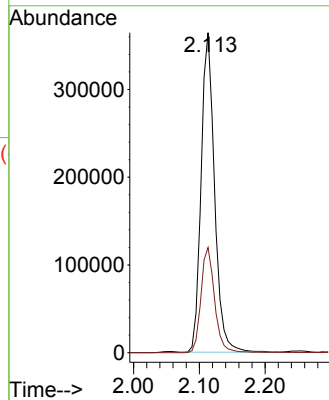
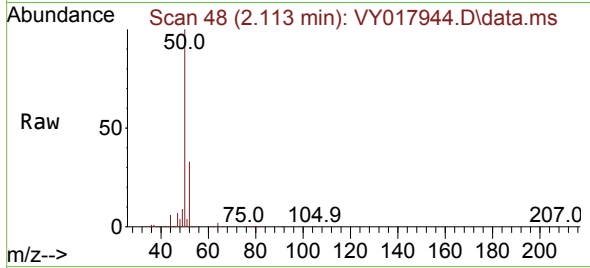




#3
Chloromethane
Concen: 88.008 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

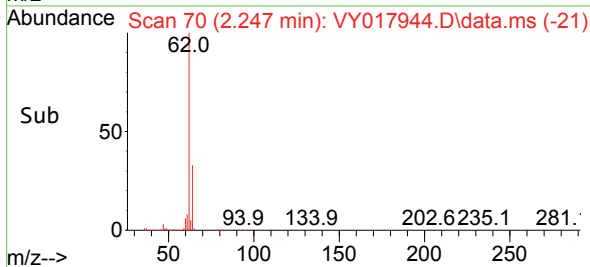
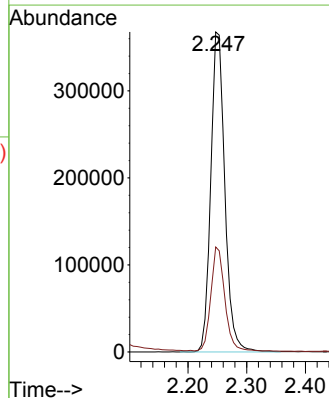
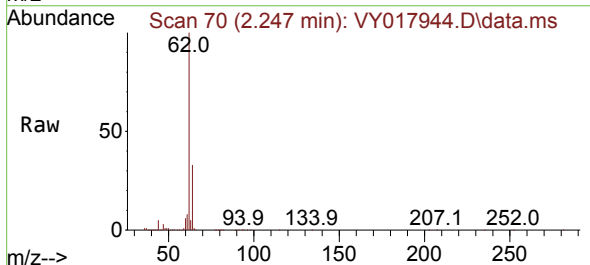
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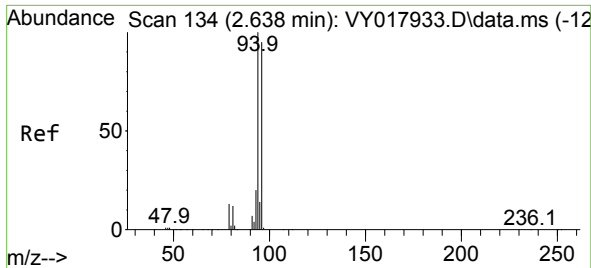
Tgt Ion: 50 Resp: 518464
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 92.171 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 62 Resp: 612020
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

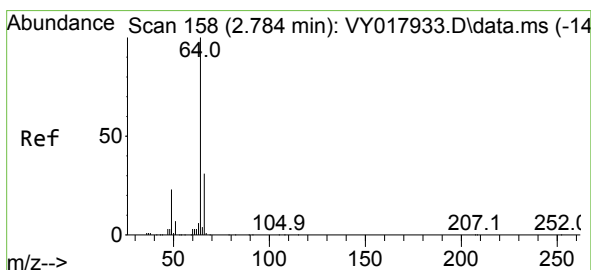
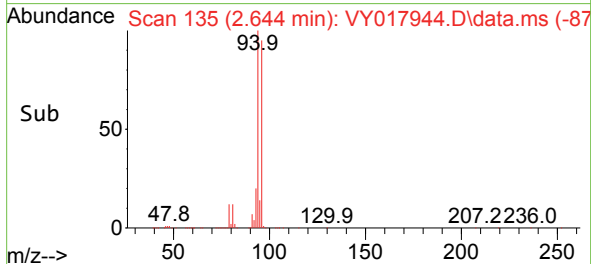
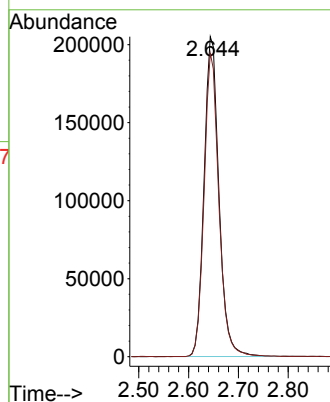
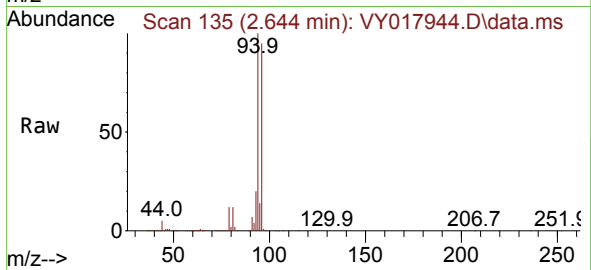




#5
Bromomethane
Concen: 96.167 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017944.D
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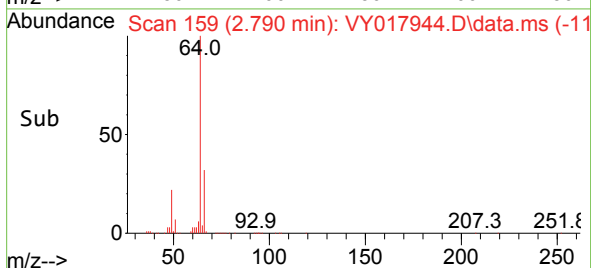
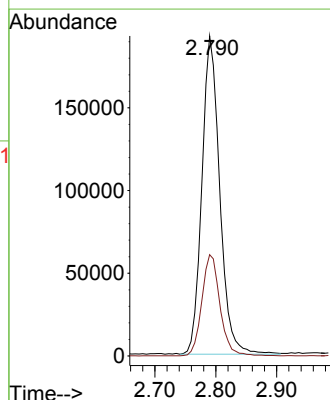
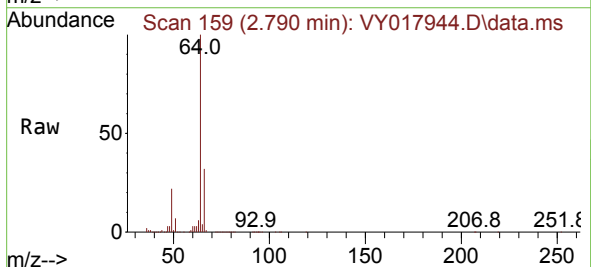
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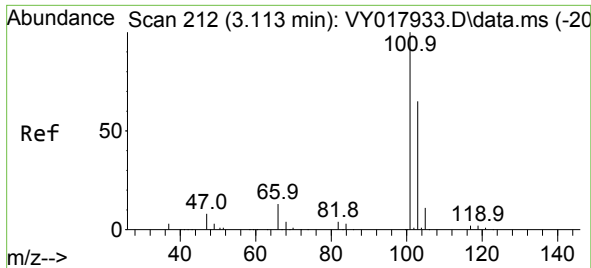
Tgt Ion: 94 Resp: 425025
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1



#6
Chloroethane
Concen: 93.494 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 64 Resp: 391930
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

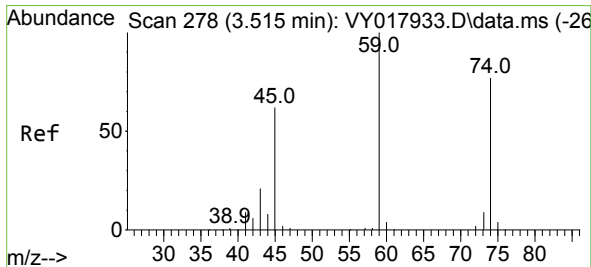
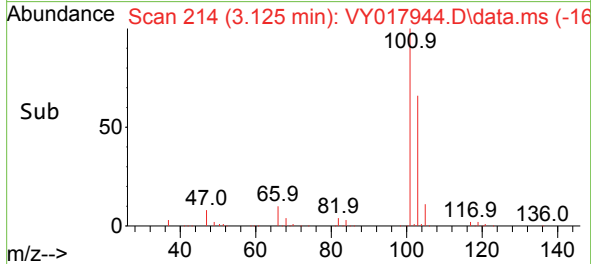
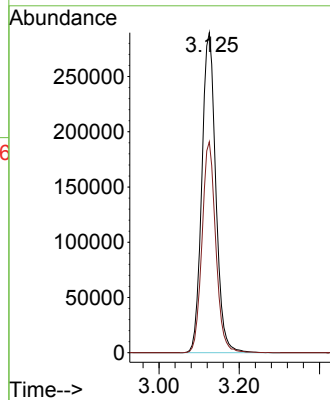
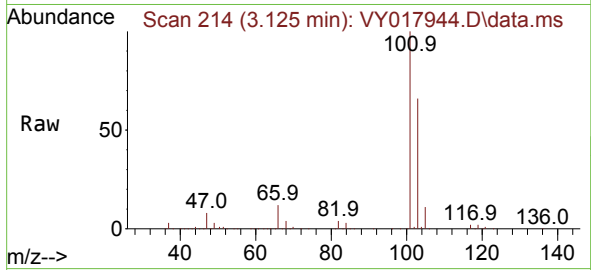




#7
Trichlorofluoromethane
Concen: 93.318 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

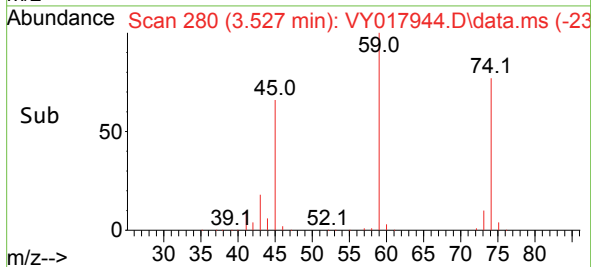
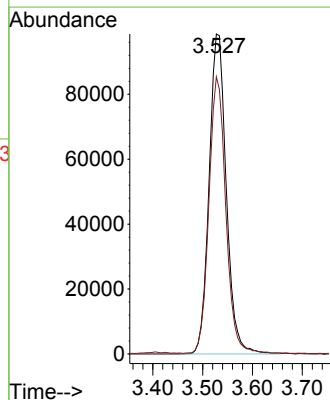
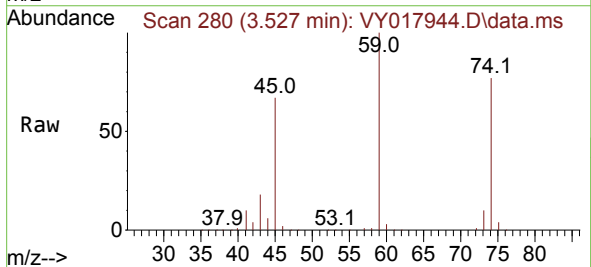
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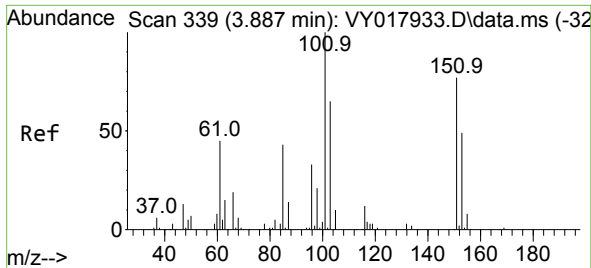
Tgt Ion:101 Resp: 698328
Ion Ratio Lower Upper
101 100
103 65.9 49.3 73.9



#8
Diethyl Ether
Concen: 99.755 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 74 Resp: 235891
Ion Ratio Lower Upper
74 100
45 84.8 41.3 124.1

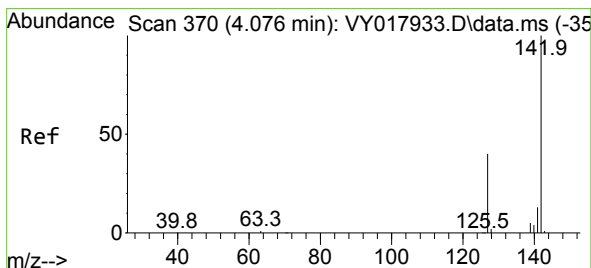
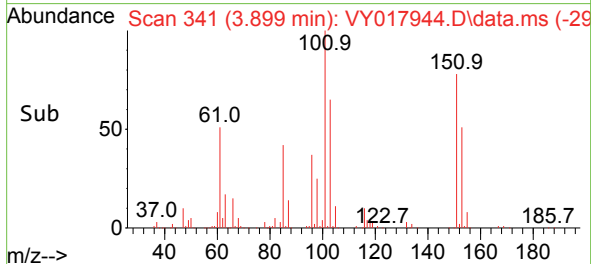
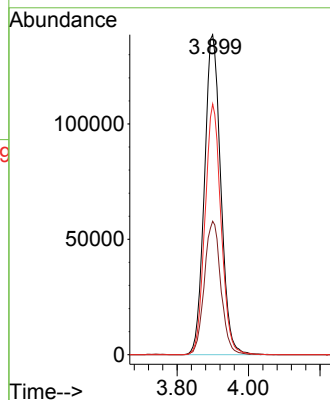
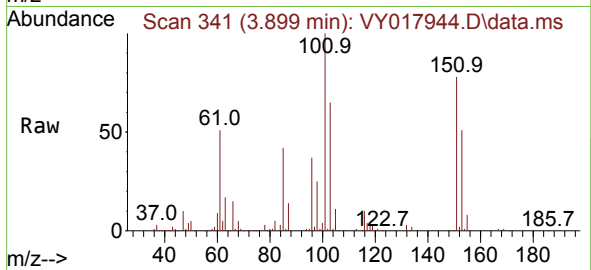




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.232 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

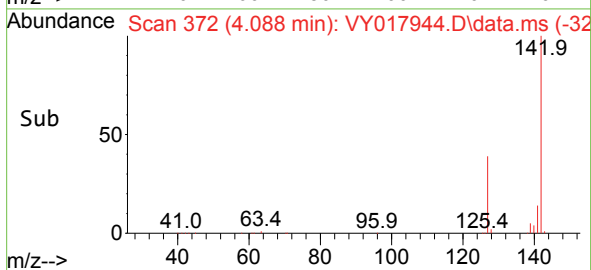
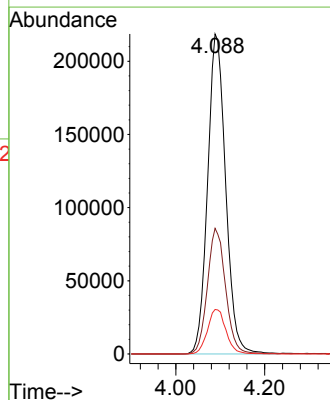
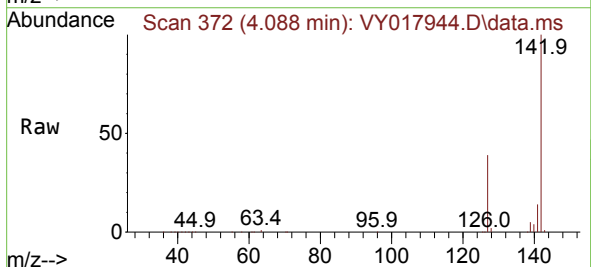
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

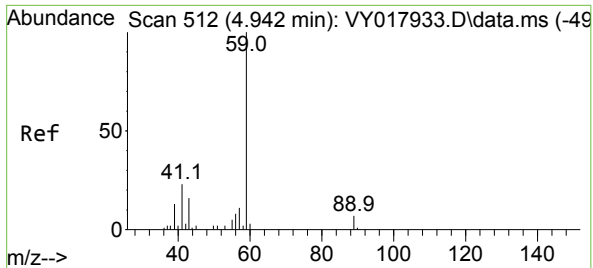
Tgt Ion:101 Resp: 439129
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 77.1 61.7 92.5



#10
Methyl Iodide
Concen: 99.587 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:142 Resp: 617416
Ion Ratio Lower Upper
142 100
127 39.5 32.8 49.2
141 14.3 11.4 17.2

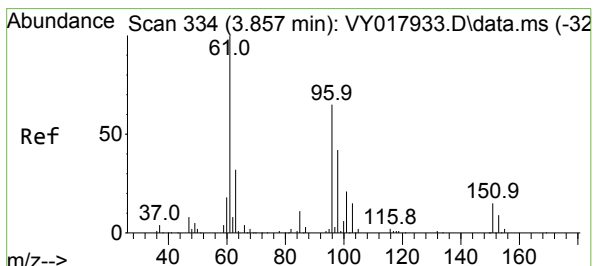
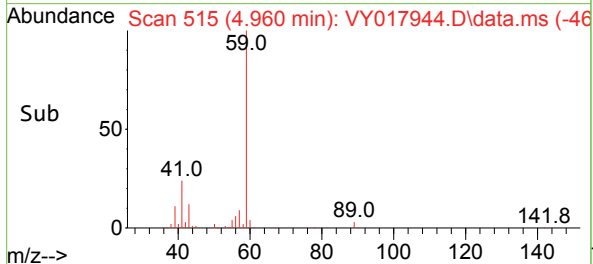
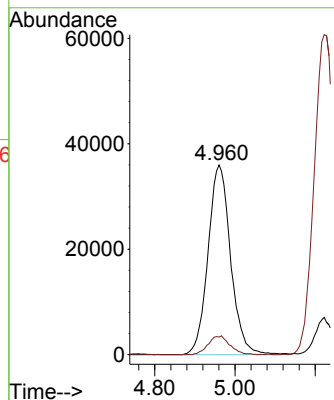
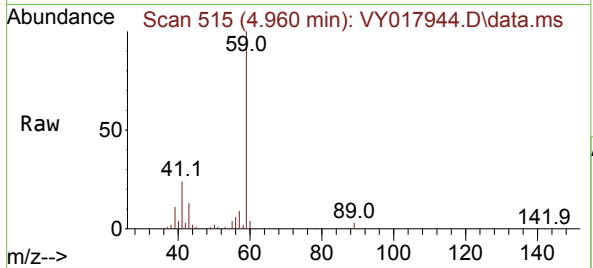




#11
Tert butyl alcohol
Concen: 522.375 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

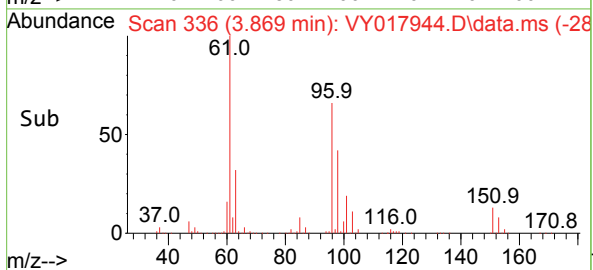
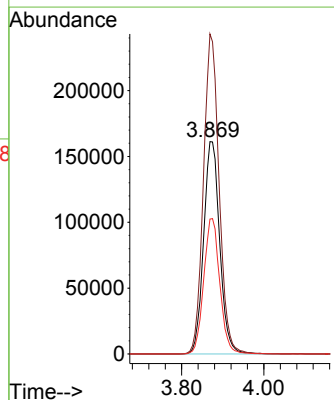
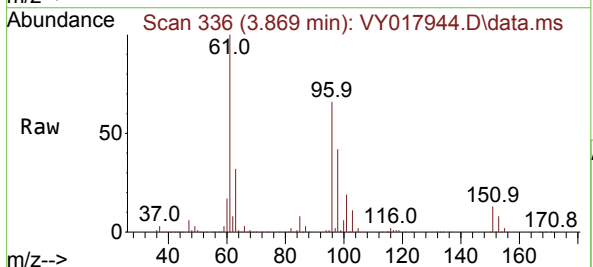
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

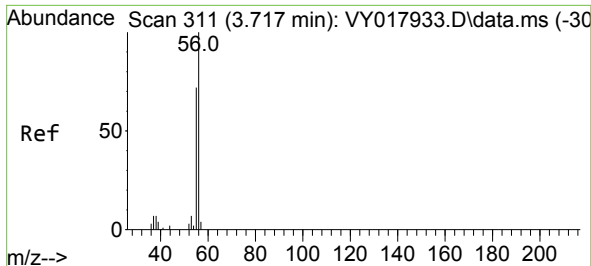
Tgt Ion: 59 Resp: 140461
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 96.782 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 96 Resp: 437836
Ion Ratio Lower Upper
96 100
61 150.7 114.6 171.8
98 63.5 50.8 76.2





#13

Acrolein

Concen: 537.609 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

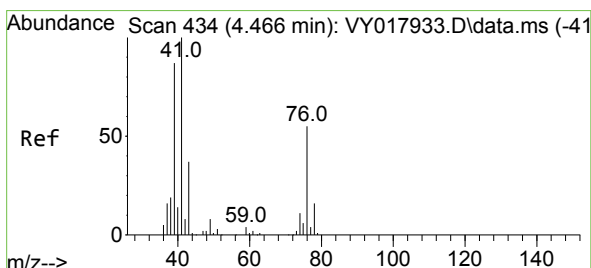
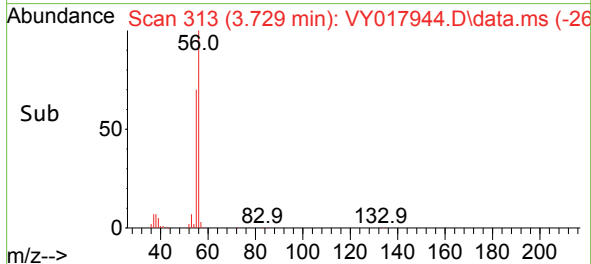
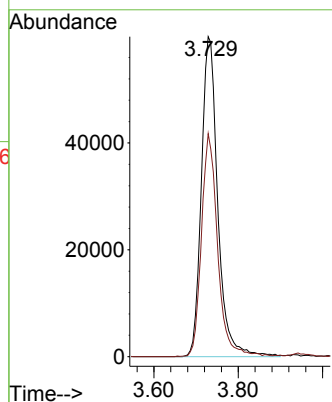
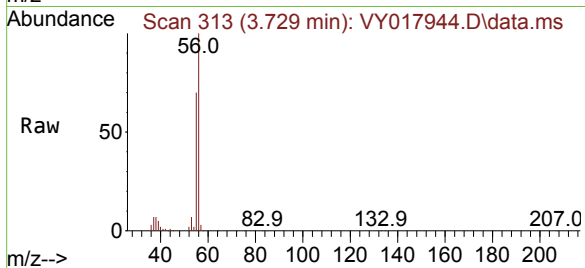
VSTDICC100

Tgt Ion: 56 Resp: 162379

Ion Ratio Lower Upper

56 100

55 68.9 55.7 83.5



#14

Allyl chloride

Concen: 97.796 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

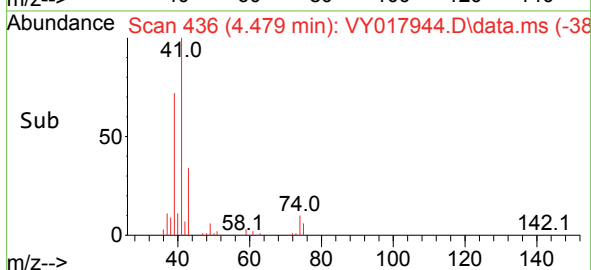
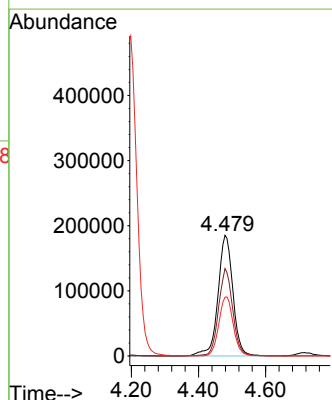
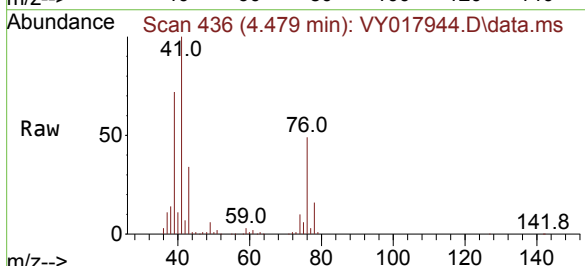
Tgt Ion: 41 Resp: 572547

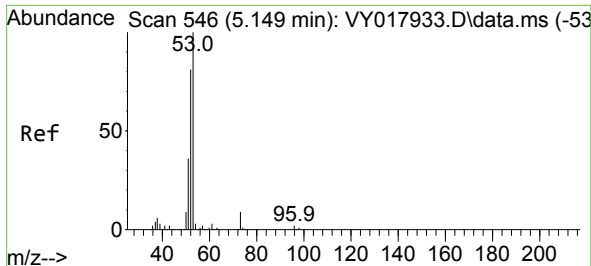
Ion Ratio Lower Upper

41 100

39 68.5 58.3 87.5

76 47.0 39.0 58.6

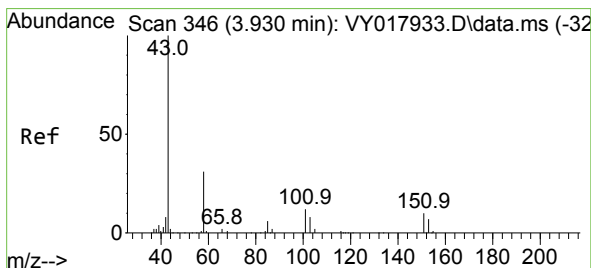
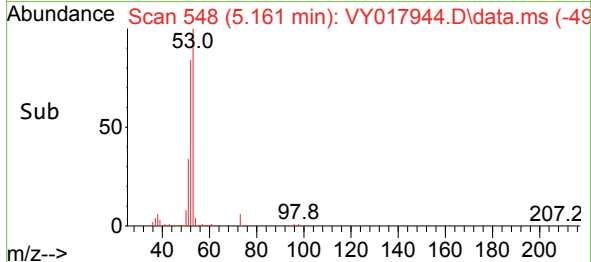
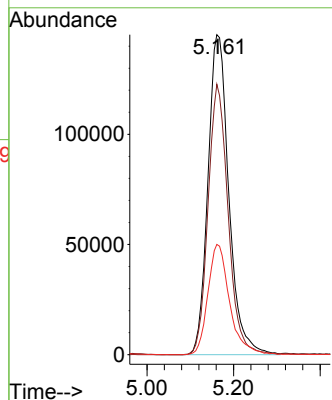
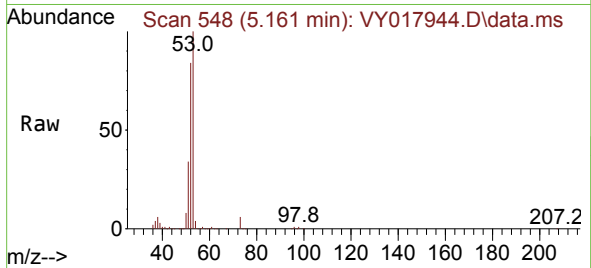




#15
Acrylonitrile
Concen: 507.509 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

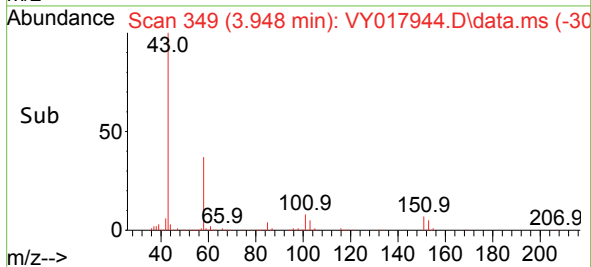
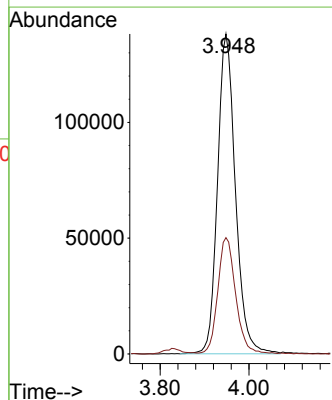
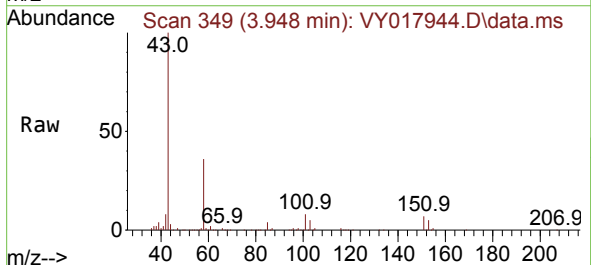
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

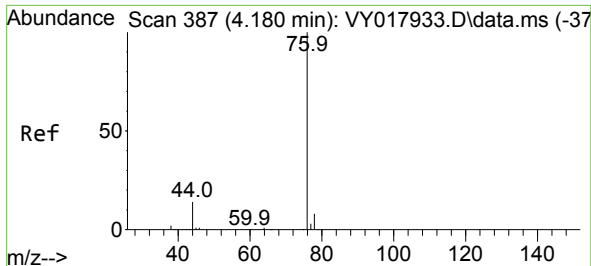
Tgt Ion: 53 Resp: 487267
Ion Ratio Lower Upper
53 100
52 81.2 64.7 97.1
51 35.8 28.4 42.6



#16
Acetone
Concen: 502.589 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 43 Resp: 385128
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5





#17

Carbon Disulfide

Concen: 94.092 ug/l

RT: 4.198 min Scan# 387

Delta R.T. 0.006 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

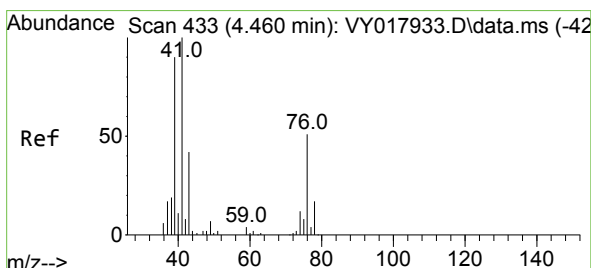
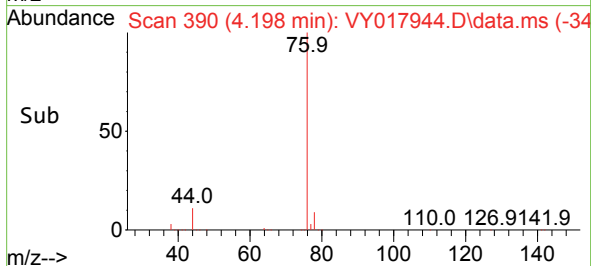
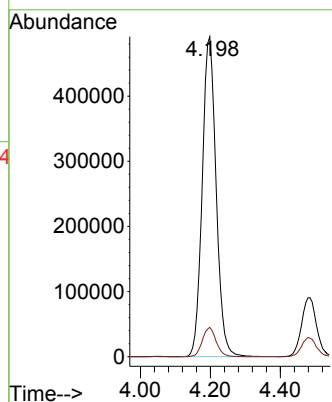
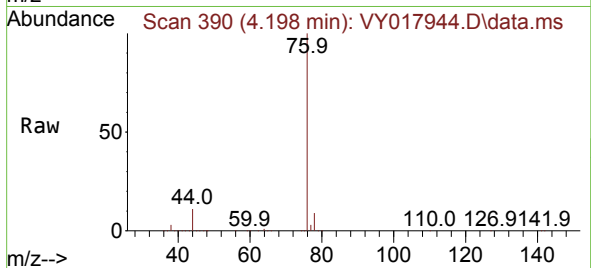
VSTDICC100

Tgt Ion: 76 Resp: 1354118

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 94.504 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017944.D

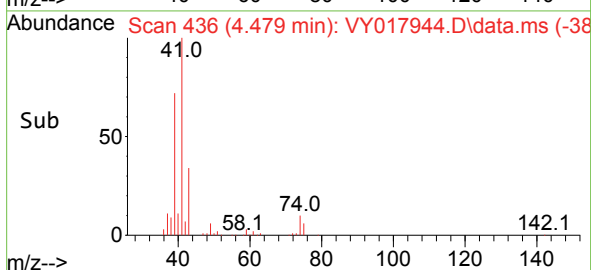
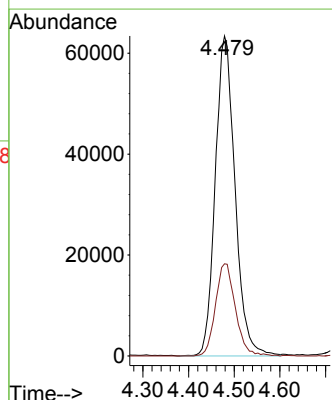
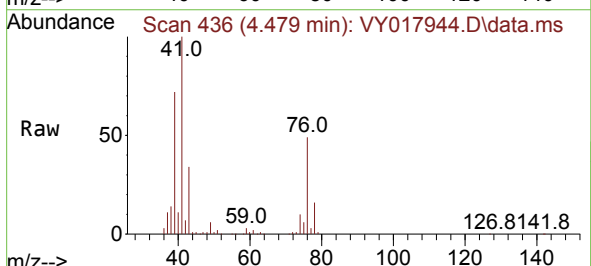
Acq: 16 Apr 2024 12:41

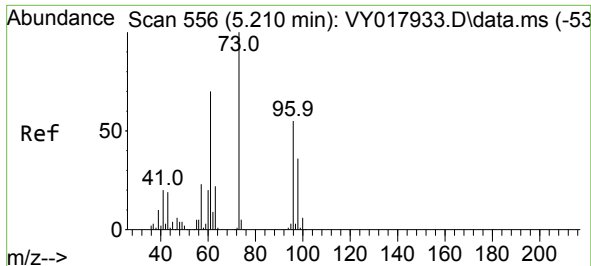
Tgt Ion: 43 Resp: 190510

Ion Ratio Lower Upper

43 100

74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 103.731 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

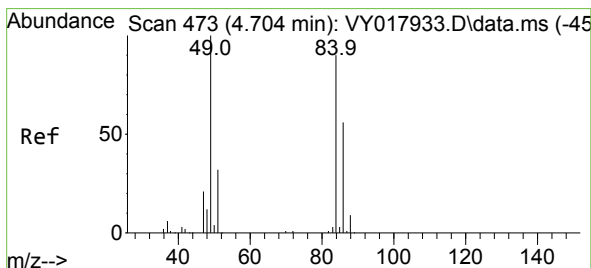
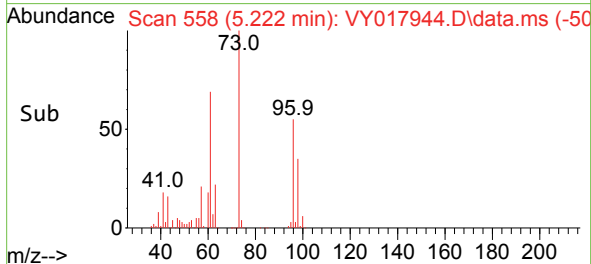
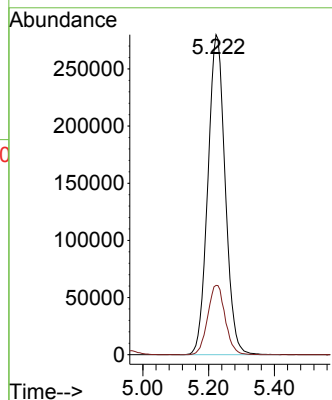
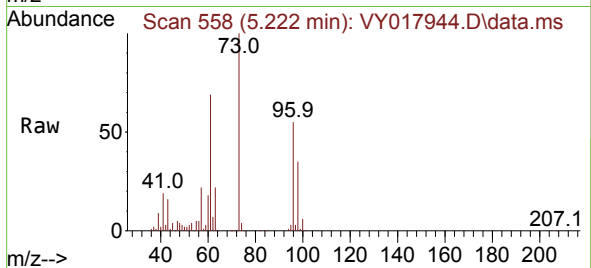
VSTDIC100

Tgt Ion: 73 Resp: 1022723

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 93.073 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Tgt Ion: 84 Resp: 483185

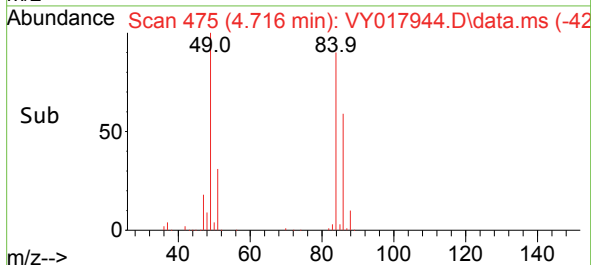
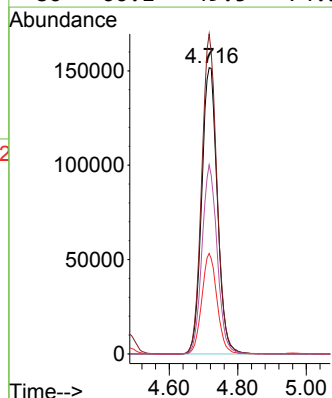
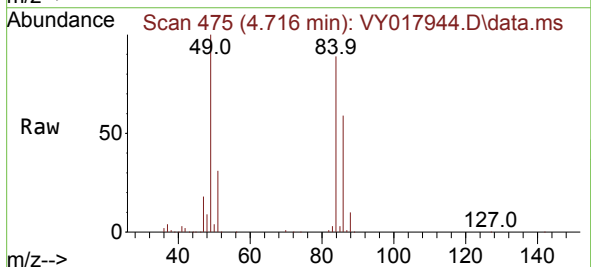
Ion Ratio Lower Upper

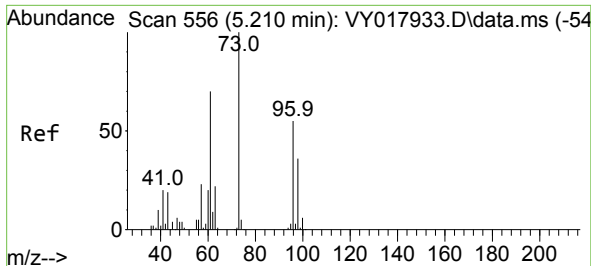
84 100

49 111.8 84.4 126.6

51 35.1 26.0 39.0

86 66.1 49.5 74.3

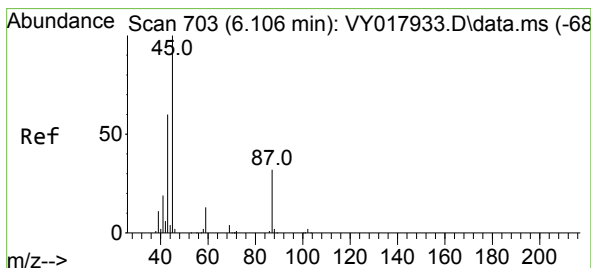
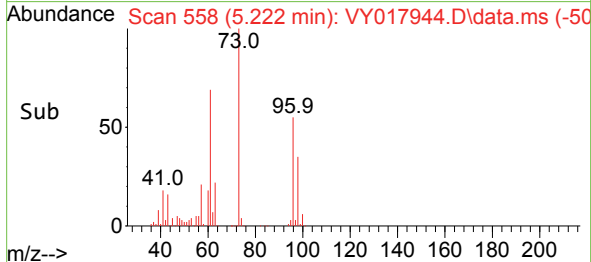
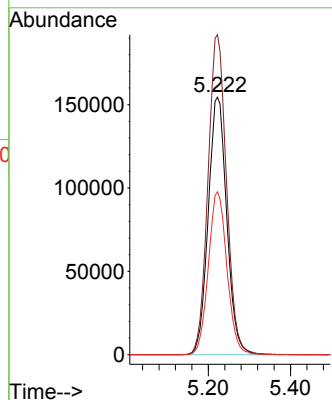
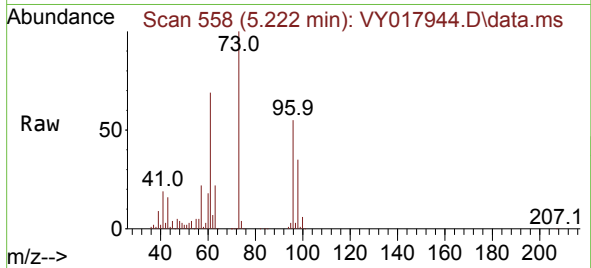




#21
trans-1,2-Dichloroethene
Concen: 97.601 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

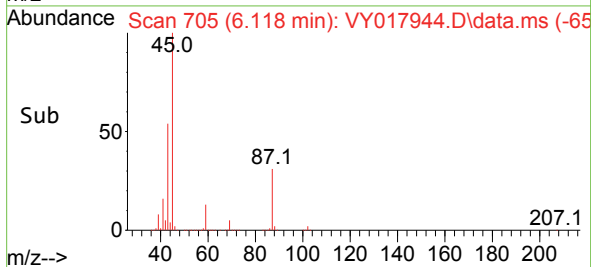
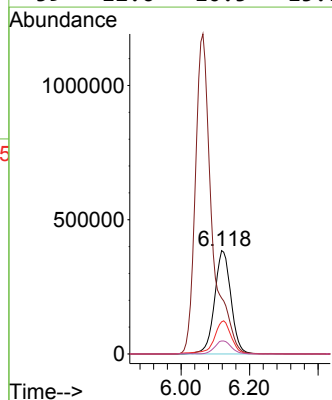
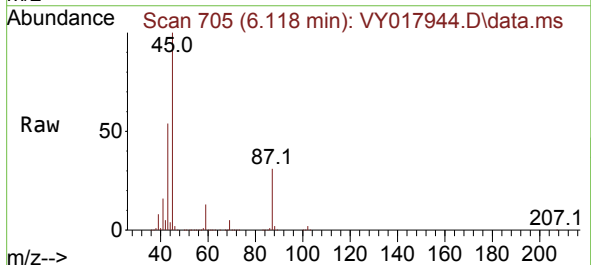
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

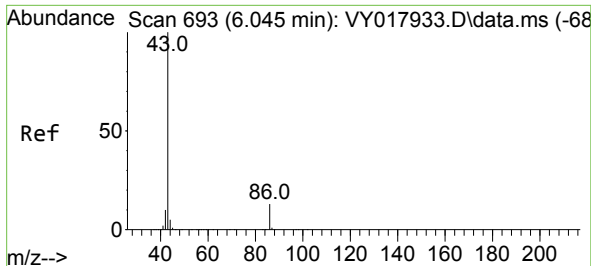
Tgt Ion: 96 Resp: 483692
Ion Ratio Lower Upper
96 100
61 124.3 97.5 146.3
98 63.3 50.5 75.7



#22
Diisopropyl ether
Concen: 99.678 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 45 Resp: 1279323
Ion Ratio Lower Upper
45 100
43 53.8 42.2 63.2
87 31.2 25.0 37.6
59 12.6 10.5 15.7

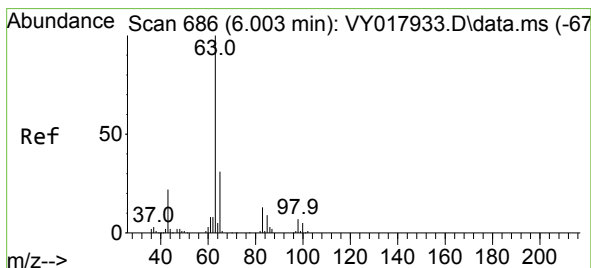
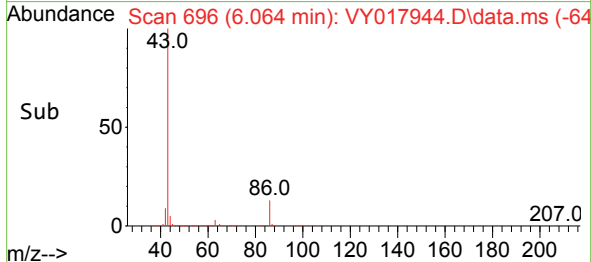
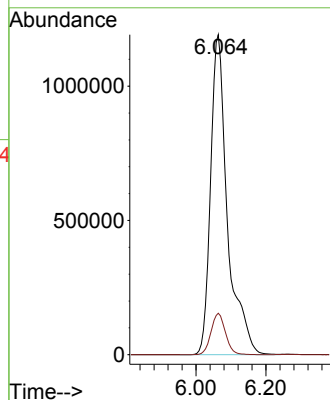
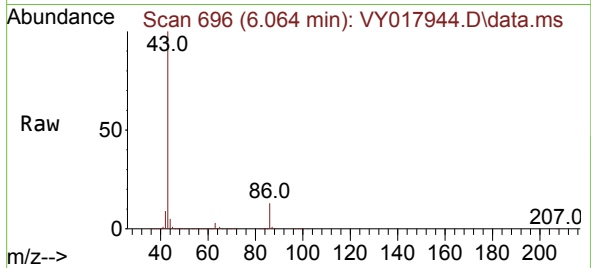




#23
 Vinyl Acetate
 Concen: 523.759 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY017944.D
 Acq: 16 Apr 2024 12:41

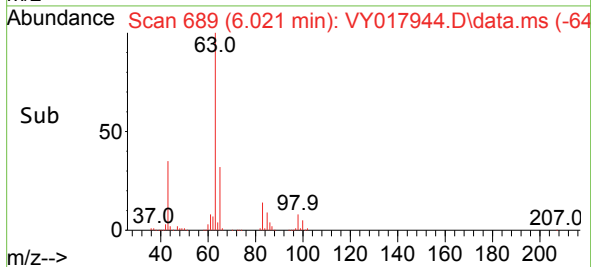
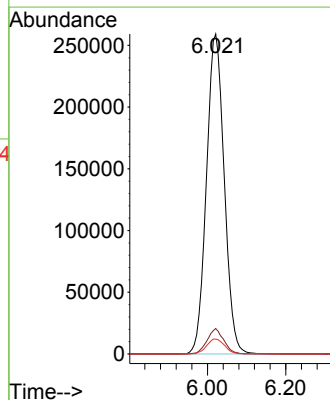
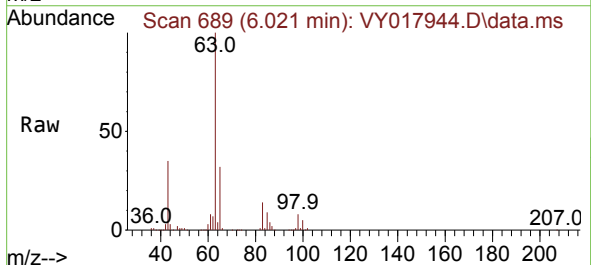
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

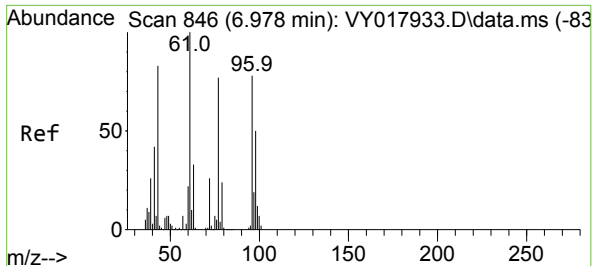
Tgt Ion: 43 Resp: 3986186
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 97.166 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY017944.D
 Acq: 16 Apr 2024 12:41

Tgt Ion: 63 Resp: 814238
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 524.137 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

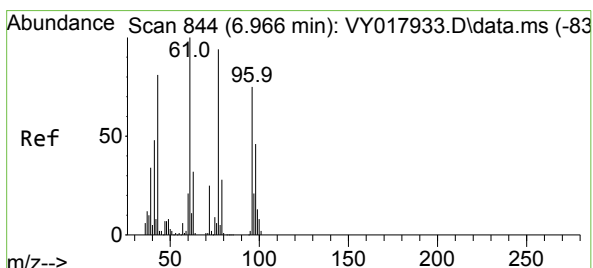
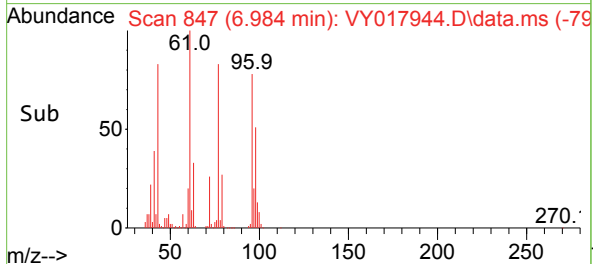
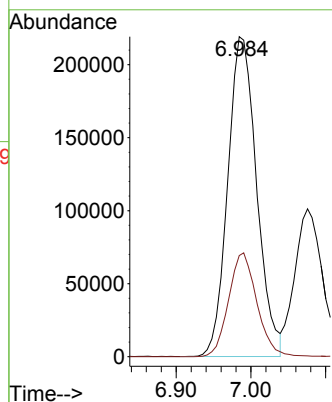
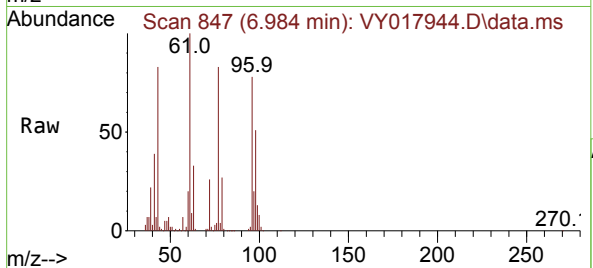
VSTDICC100

Tgt Ion: 43 Resp: 590360

Ion Ratio Lower Upper

43 100

72 31.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 97.998 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017944.D

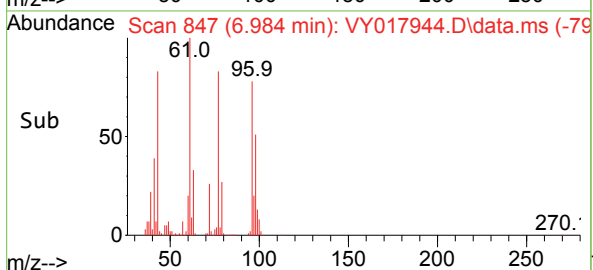
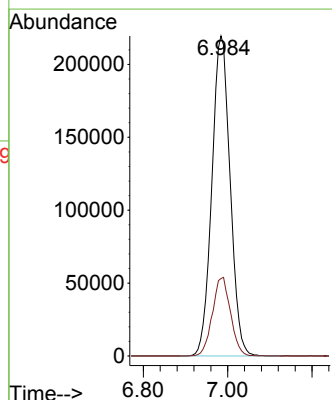
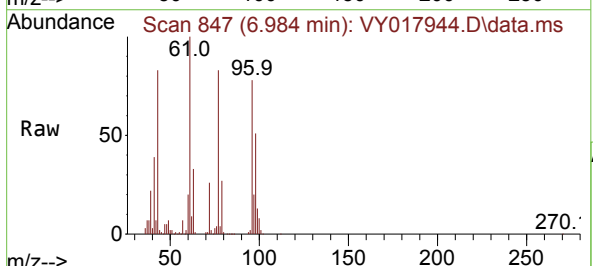
Acq: 16 Apr 2024 12:41

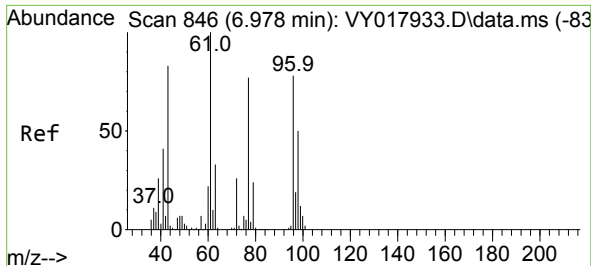
Tgt Ion: 77 Resp: 658845

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 100.352 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

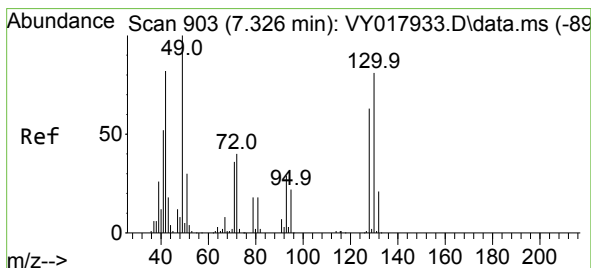
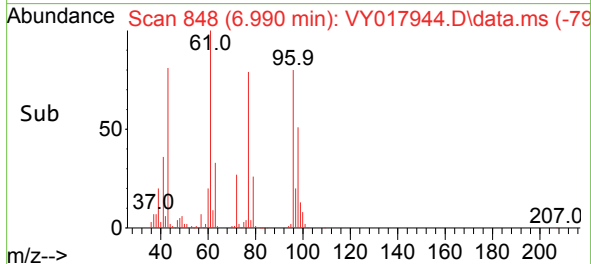
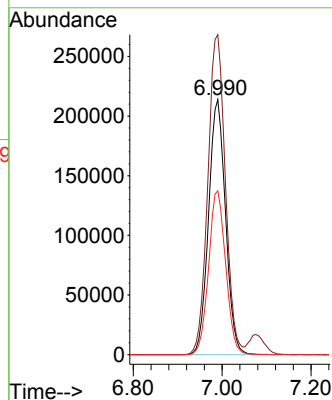
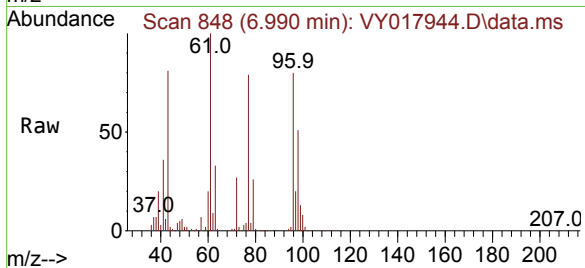
Tgt Ion: 96 Resp: 567986

Ion Ratio Lower Upper

96 100

61 129.5 0.0 256.2

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 93.709 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

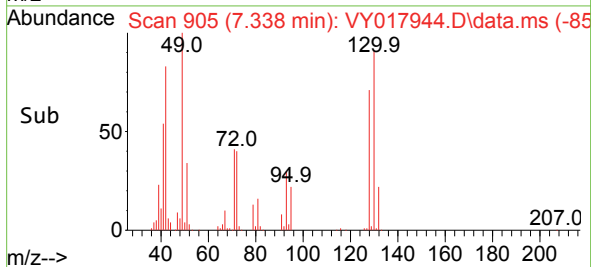
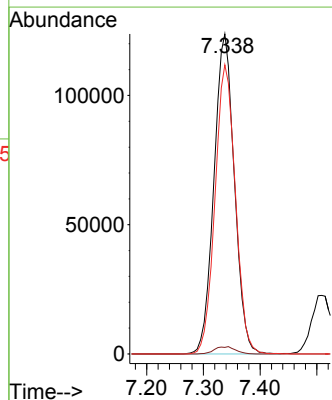
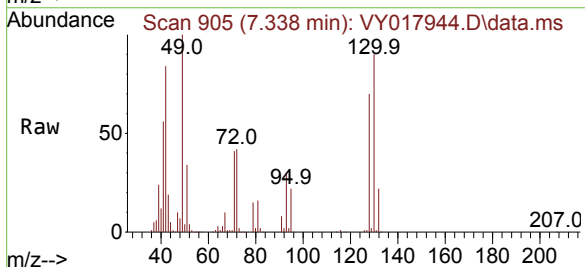
Tgt Ion: 49 Resp: 308894

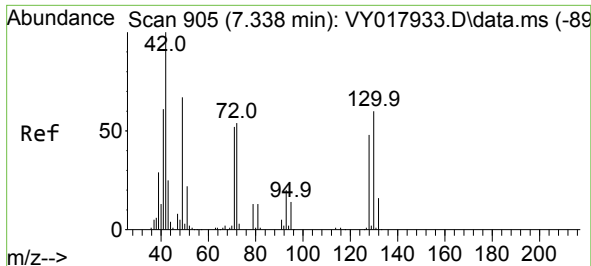
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

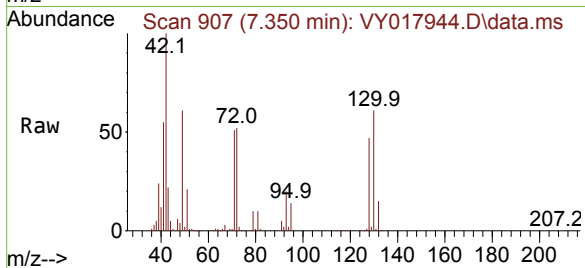
130 90.2 72.7 109.1



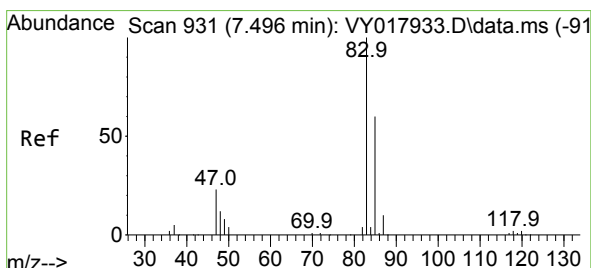
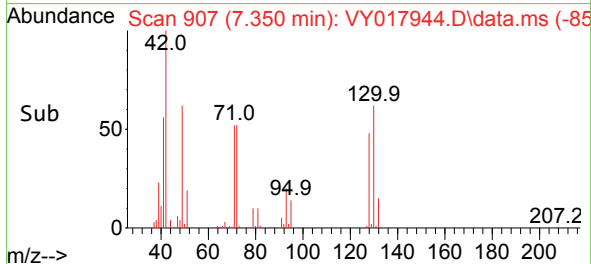
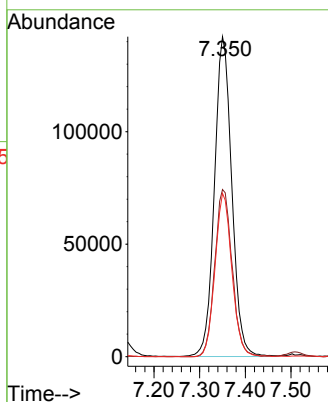


#29
Tetrahydrofuran
Concen: 524.175 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

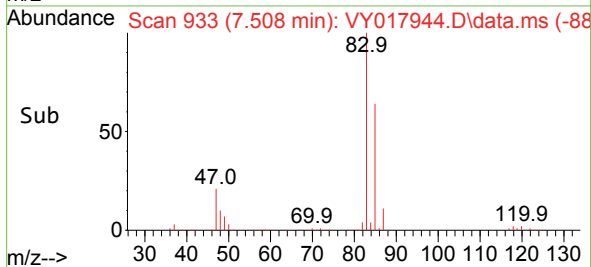
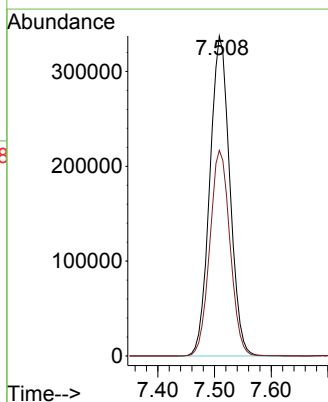
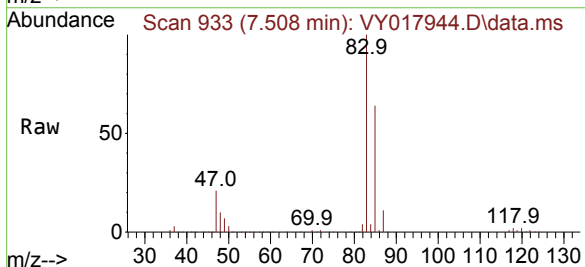


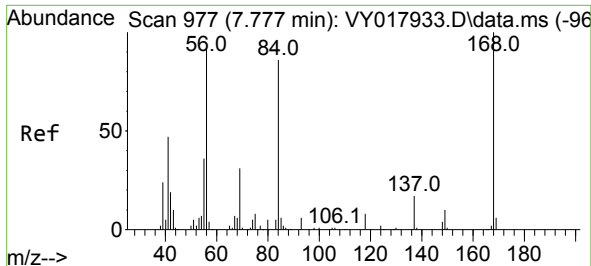
Tgt Ion: 42 Resp: 374667
Ion Ratio Lower Upper
42 100
72 52.4 43.0 64.4
71 49.7 40.8 61.2



#30
Chloroform
Concen: 96.355 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 83 Resp: 825219
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.4

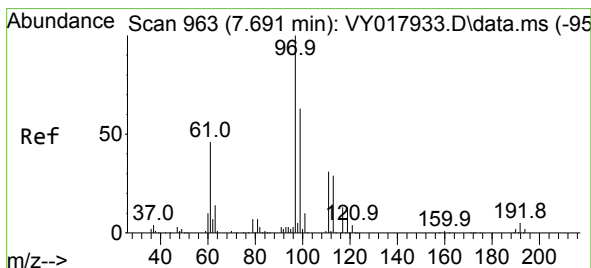
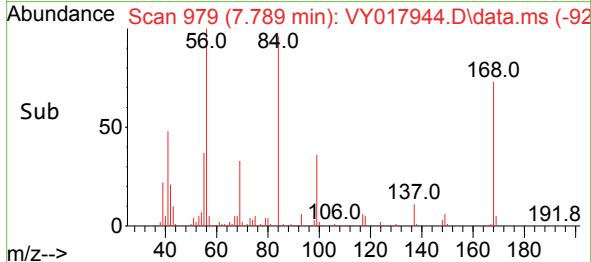
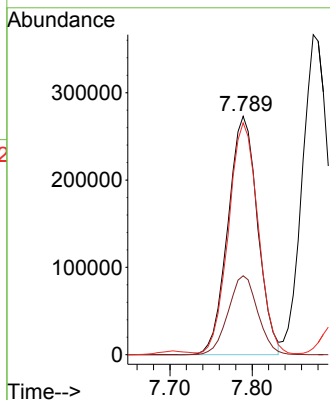
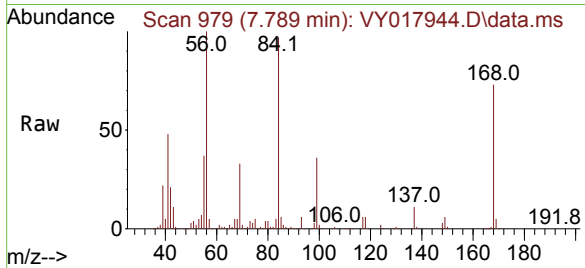




#31
Cyclohexane
Concen: 92.487 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

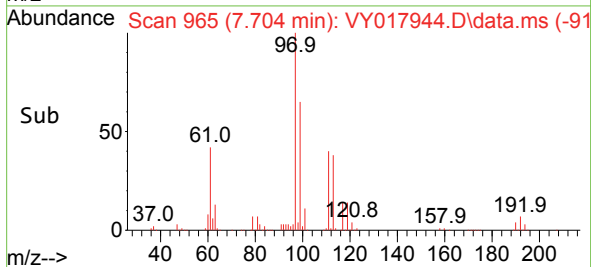
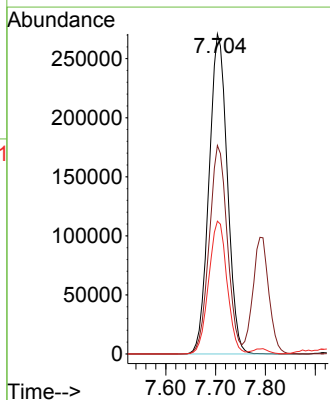
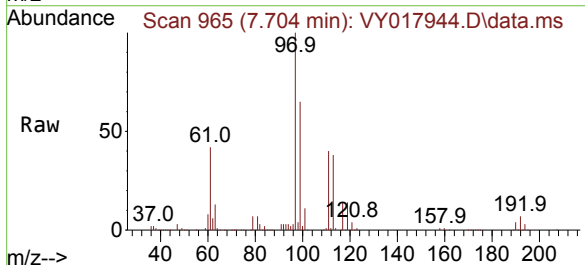
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

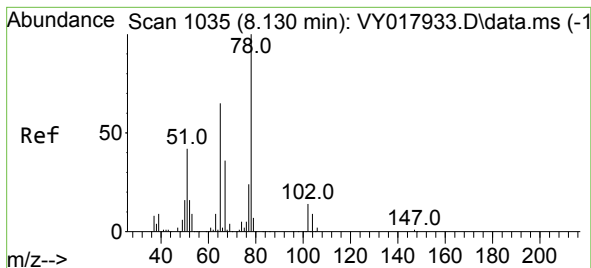
Tgt Ion: 56 Resp: 685591
Ion Ratio Lower Upper
56 100
69 33.1 28.7 43.1
84 95.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 96.771 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 97 Resp: 690286
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 41.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 100.380 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

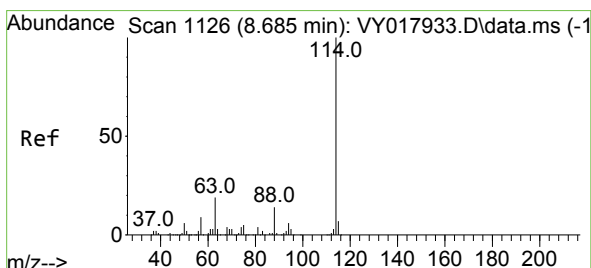
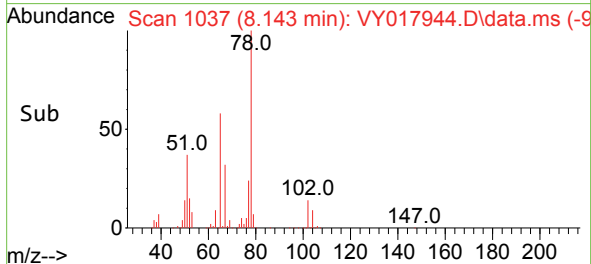
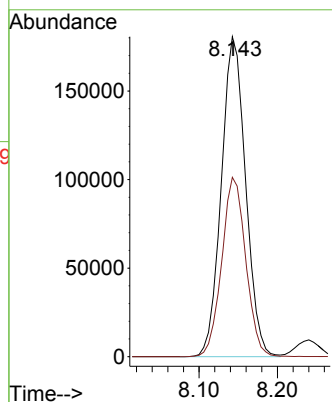
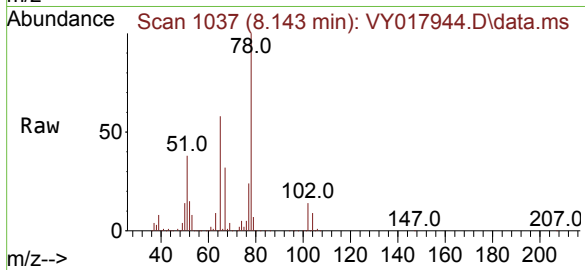
VSTDICC100

Tgt Ion: 65 Resp: 389292

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

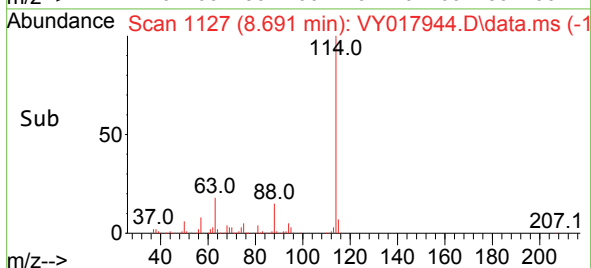
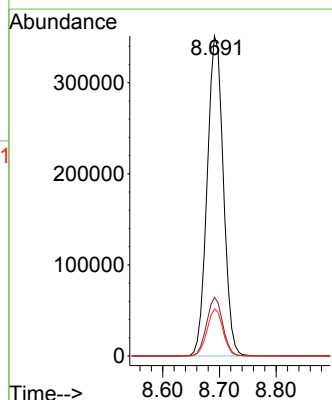
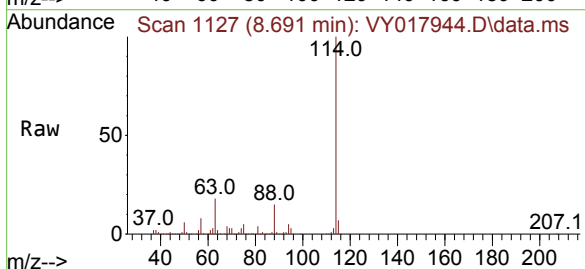
Tgt Ion:114 Resp: 695239

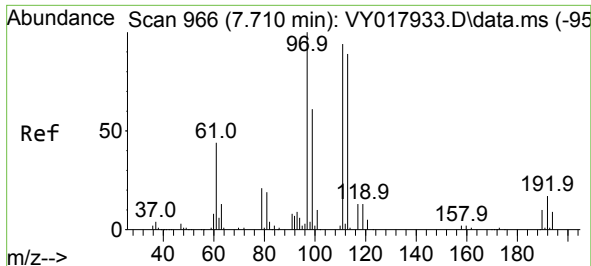
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.7 0.0 27.2

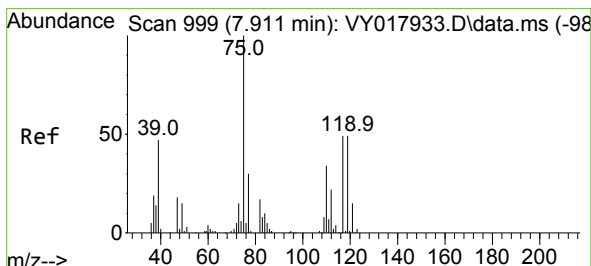
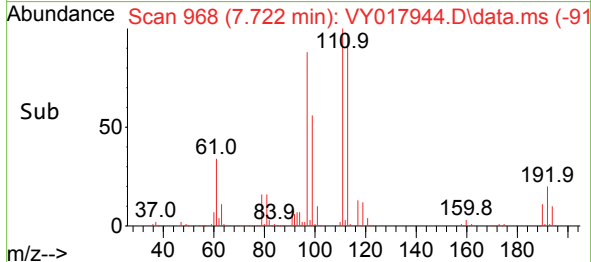
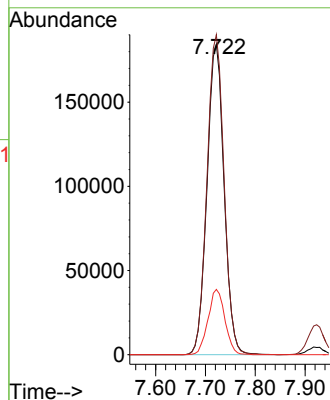
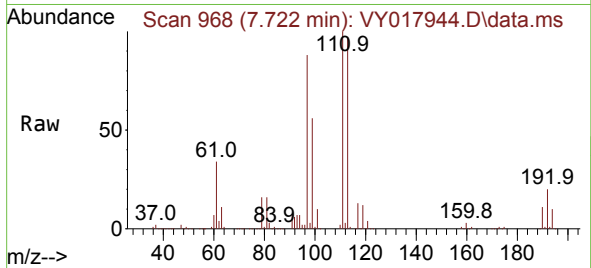




#35
Dibromofluoromethane
Concen: 102.158 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

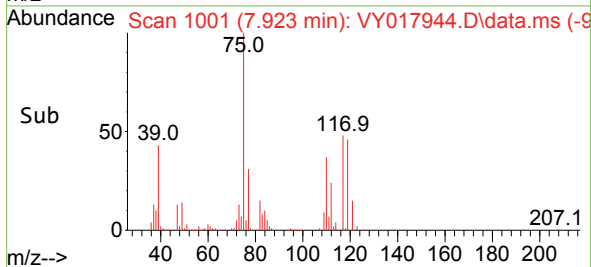
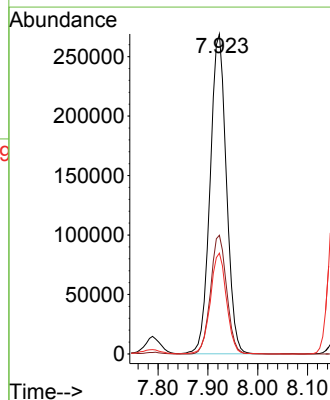
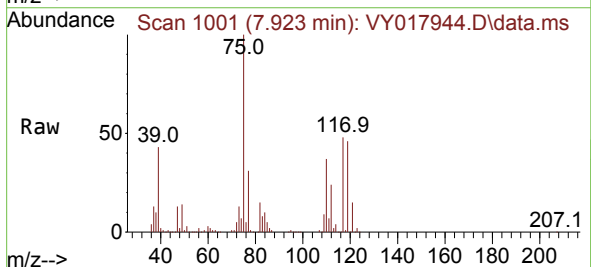
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

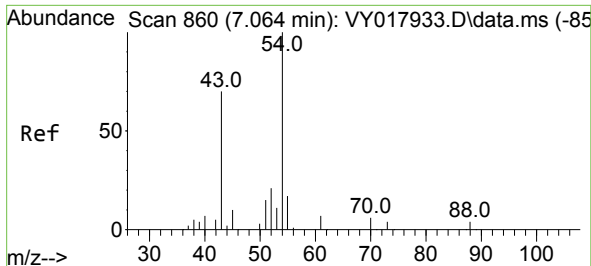
Tgt Ion:113 Resp: 438175
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 97.783 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 75 Resp: 609948
Ion Ratio Lower Upper
75 100
110 36.7 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 104.409 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

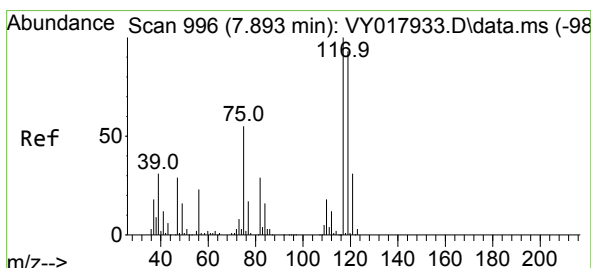
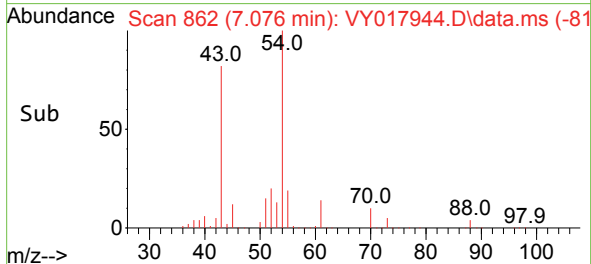
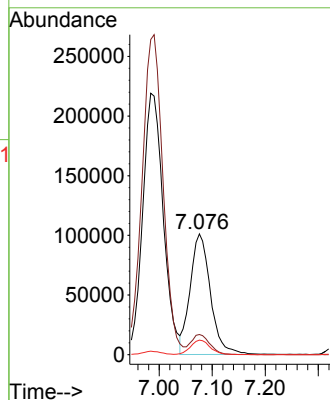
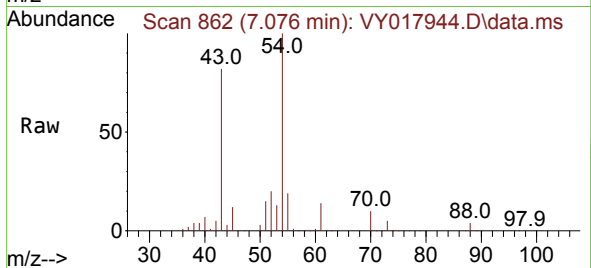
Tgt Ion: 43 Resp: 267951

Ion Ratio Lower Upper

43 100

61 15.9 12.6 19.0

70 11.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 98.923 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

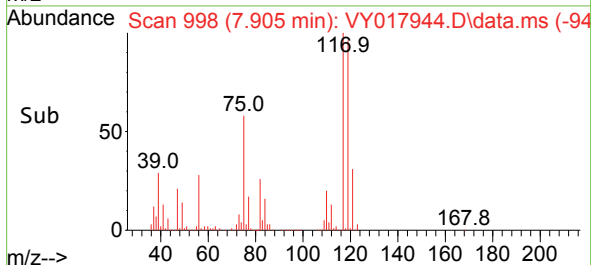
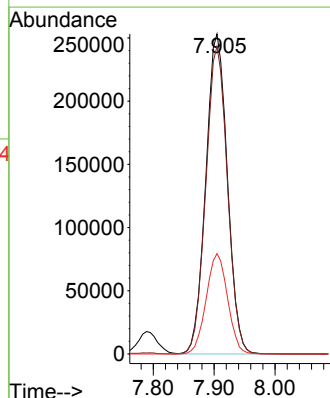
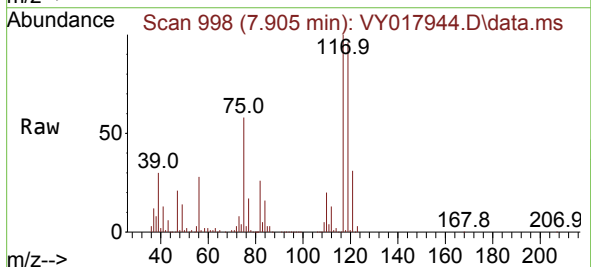
Tgt Ion: 117 Resp: 623410

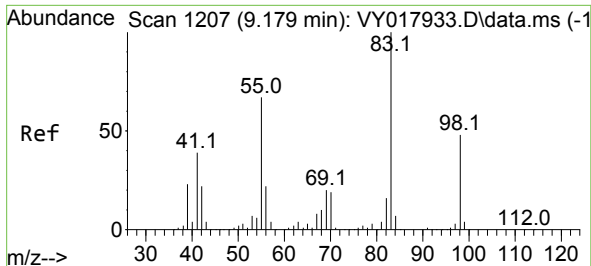
Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.6

121 31.4 24.0 36.0

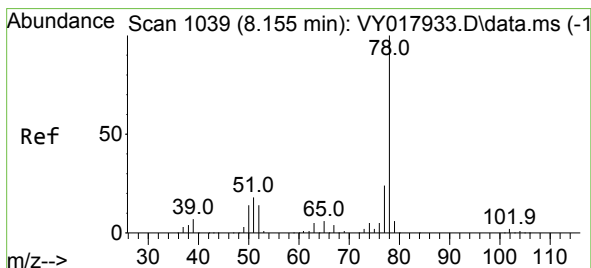
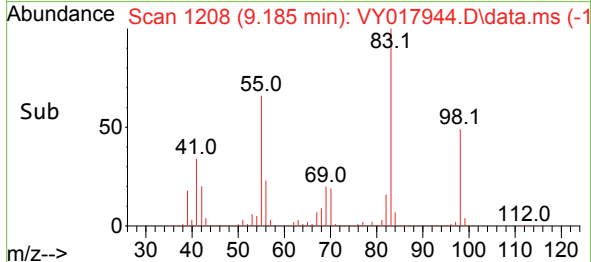
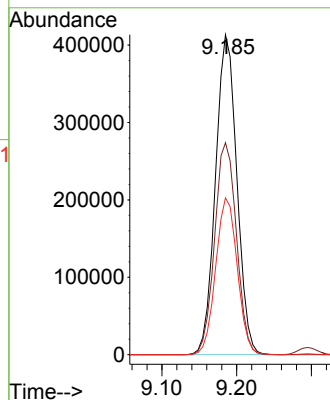
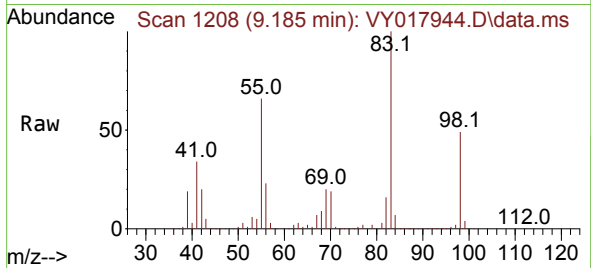




#39
Methylcyclohexane
Concen: 101.080 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

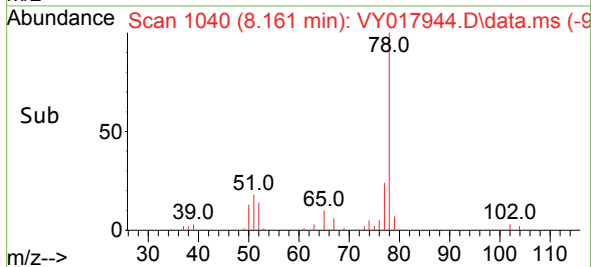
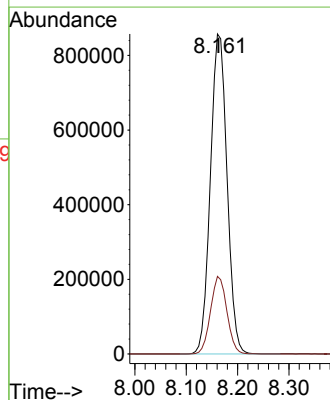
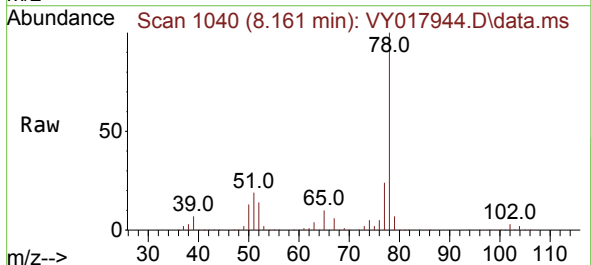
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

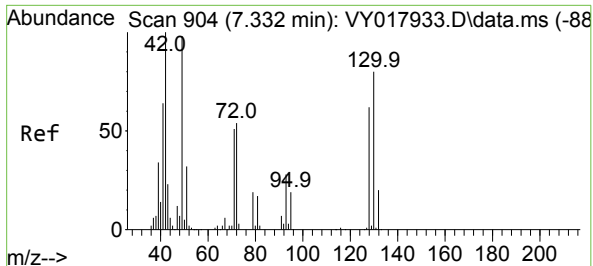
Tgt Ion: 83 Resp: 821656
Ion Ratio Lower Upper
83 100
55 66.3 51.5 77.3
98 49.0 40.5 60.7



#40
Benzene
Concen: 98.707 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 78 Resp: 1928597
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

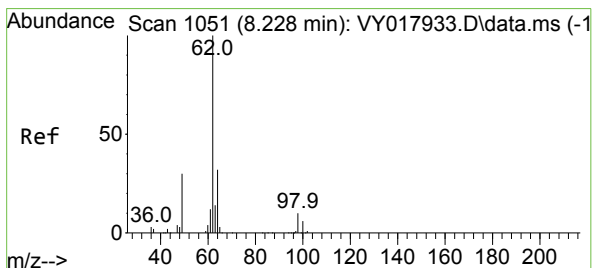
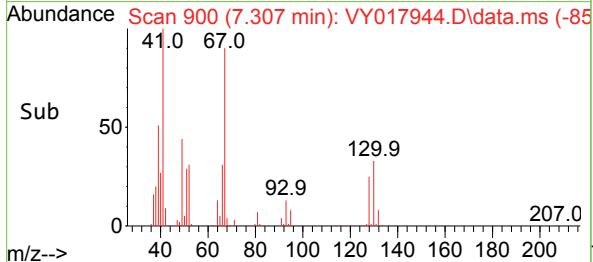
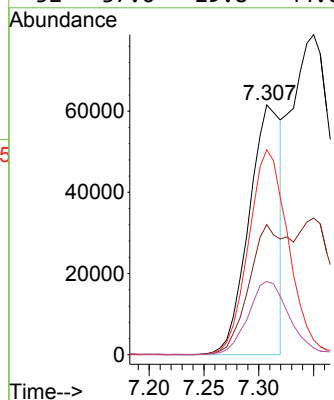
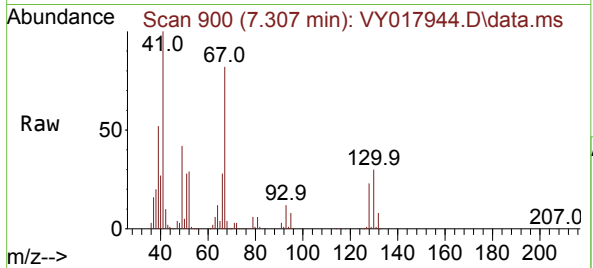




#41
Methacrylonitrile
Concen: 76.842 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

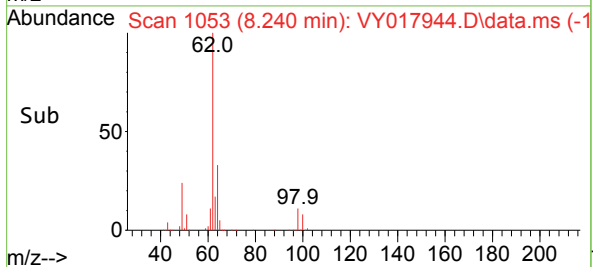
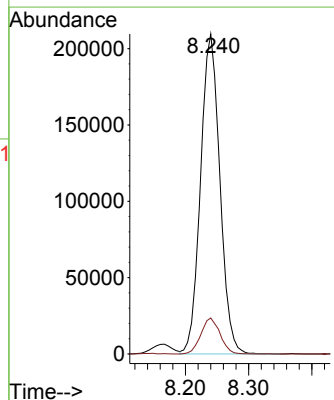
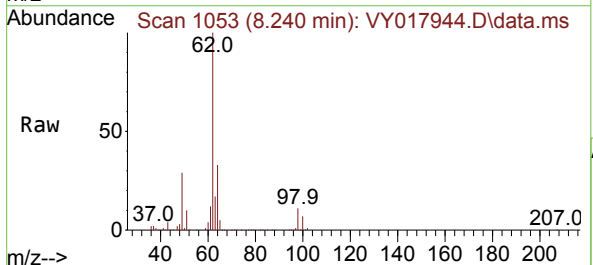
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

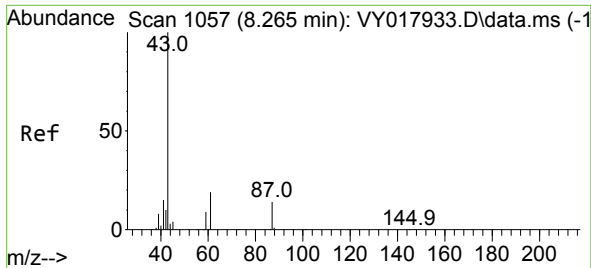
Tgt Ion: 41 Resp: 124464
Ion Ratio Lower Upper
41 100
39 67.8 48.0 72.0
67 103.1 75.1 112.7
52 37.6 29.8 44.6



#42
1,2-Dichloroethane
Concen: 99.578 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 62 Resp: 445804
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.0

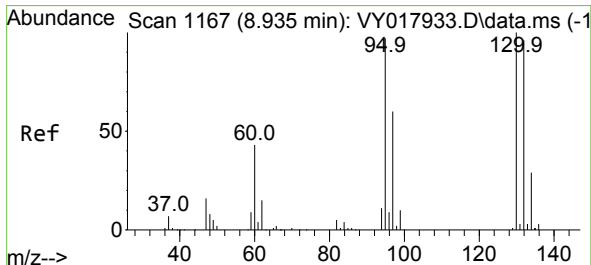
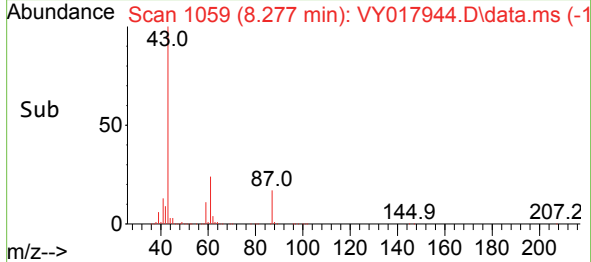
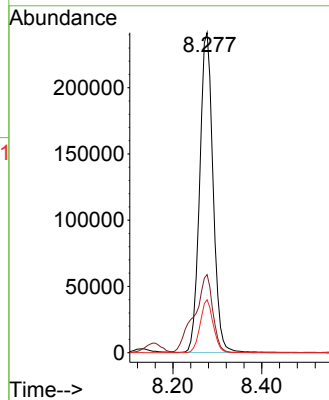
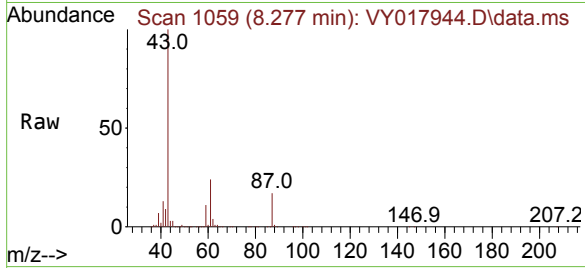




#43
Isopropyl Acetate
Concen: 105.602 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

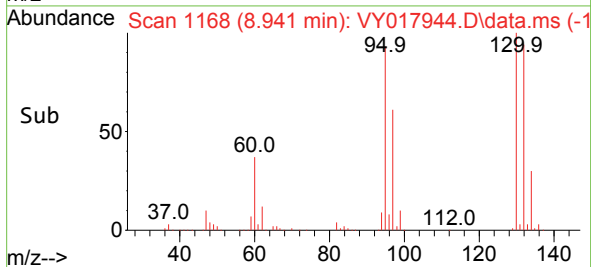
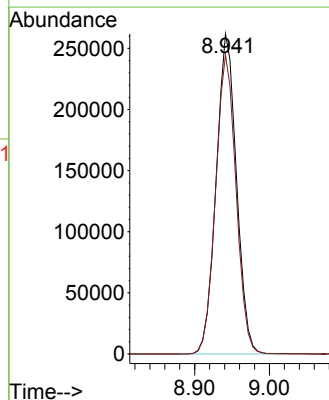
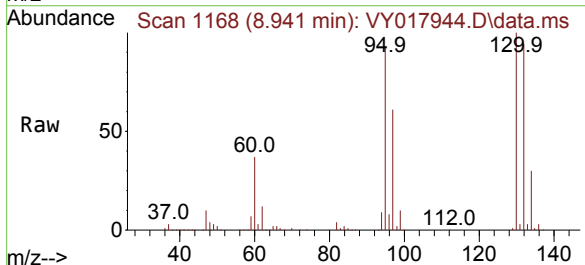
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

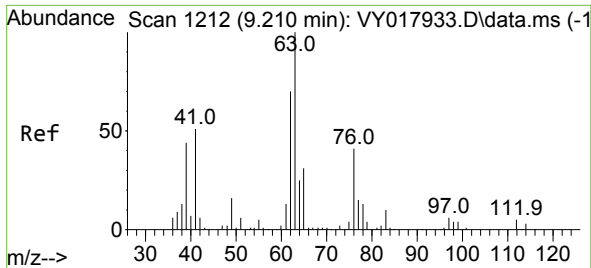
Tgt Ion: 43 Resp: 505191
Ion Ratio Lower Upper
43 100
61 33.5 27.9 41.9
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 99.717 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:130 Resp: 495100
Ion Ratio Lower Upper
130 100
95 93.5 0.0 188.0

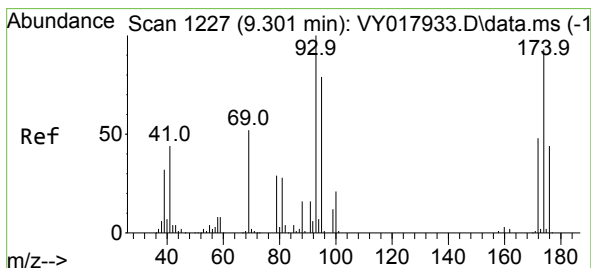
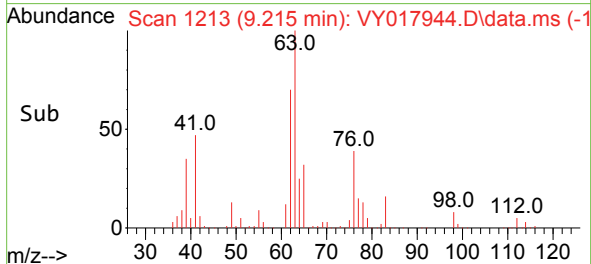
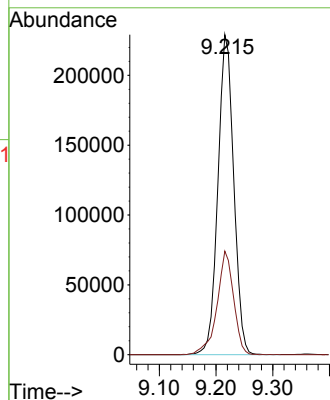
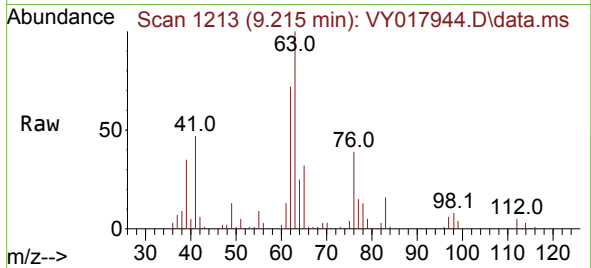




#45
1,2-Dichloropropane
Concen: 98.478 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

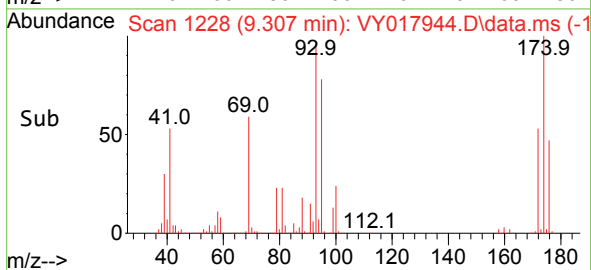
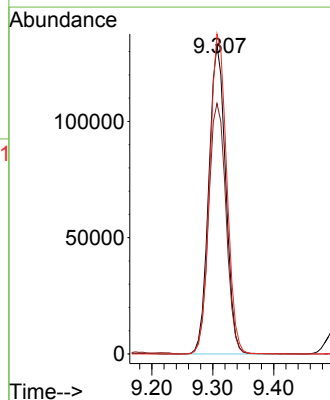
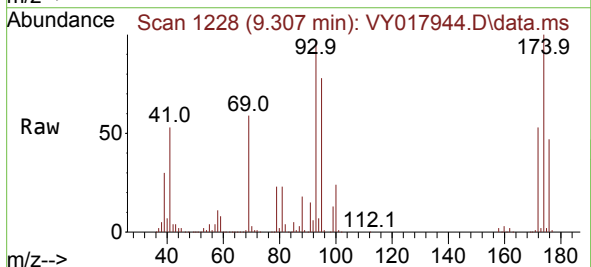
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

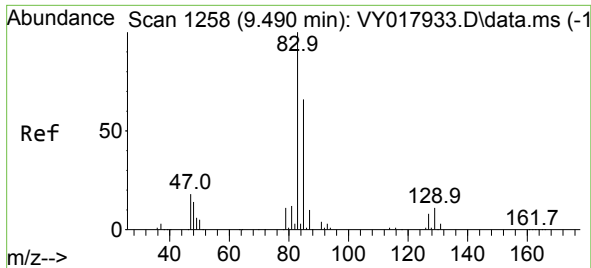
Tgt Ion: 63 Resp: 442920
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 102.670 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 93 Resp: 255428
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.4
174 104.4 80.9 121.3

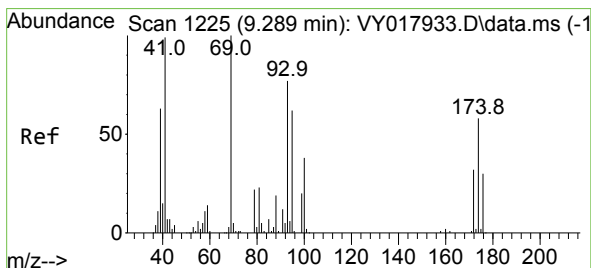
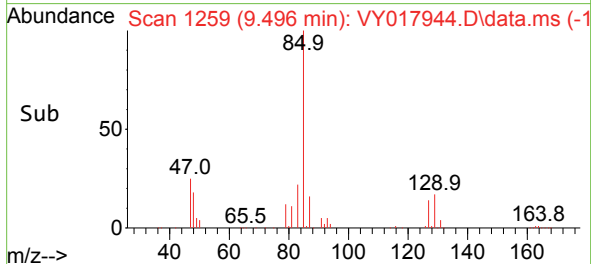
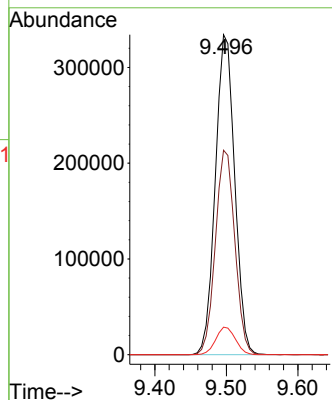
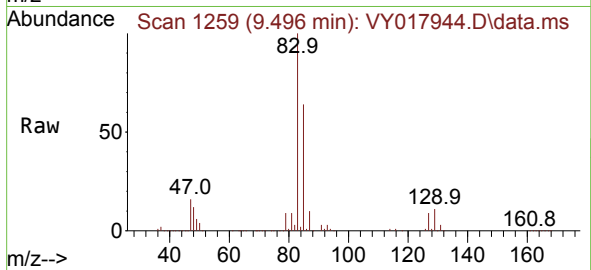




#47
Bromodichloromethane
Concen: 100.685 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

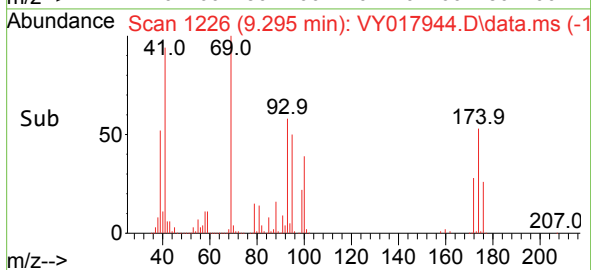
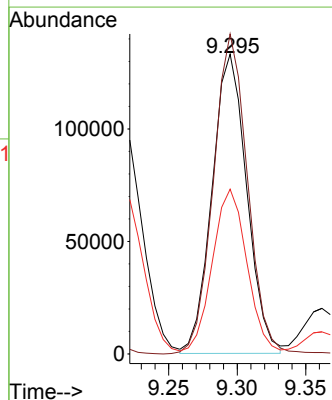
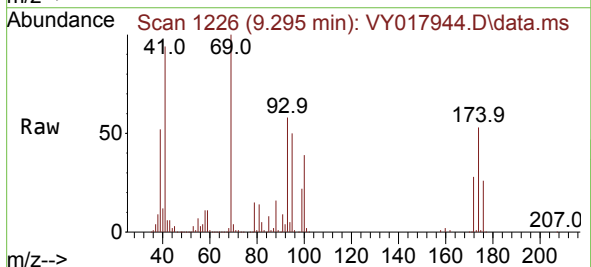
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

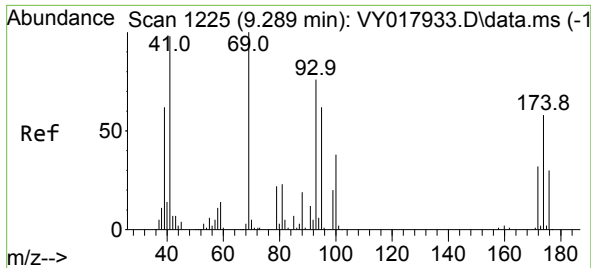
Tgt Ion: 83 Resp: 628437
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 106.909 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 41 Resp: 234357
Ion Ratio Lower Upper
41 100
69 105.6 84.1 126.1
39 53.2 43.6 65.4

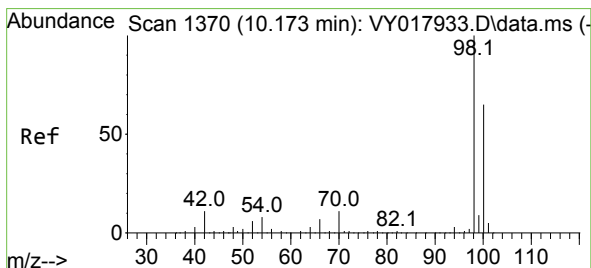
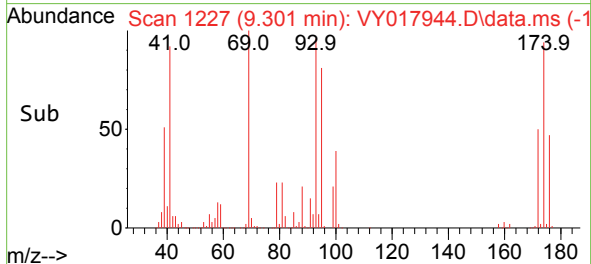
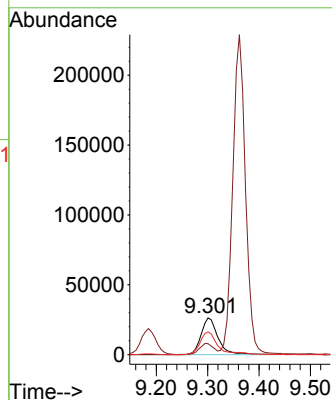
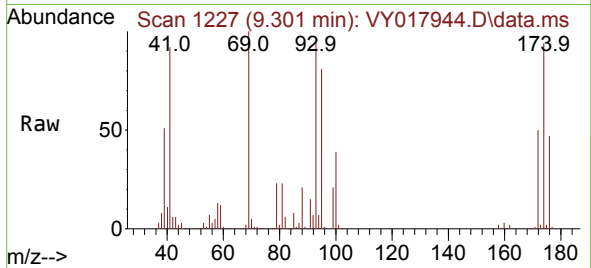




#49
1,4-Dioxane
Concen: 2134.314 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

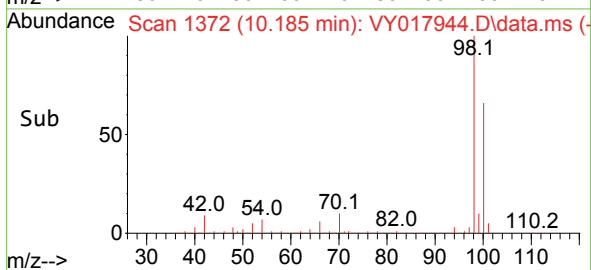
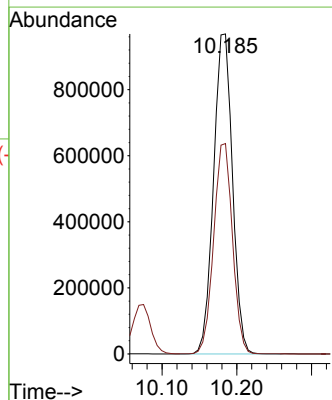
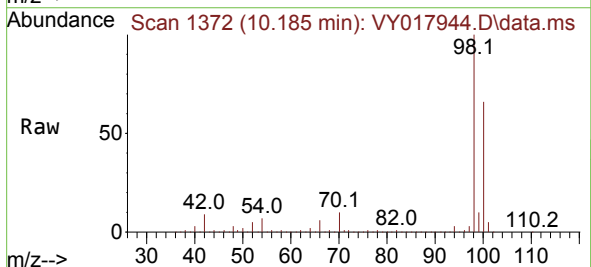
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

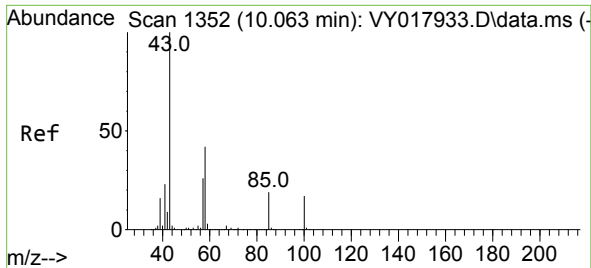
Tgt Ion: 88 Resp: 60617
Ion Ratio Lower Upper
88 100
43 24.2 0.0 0.0#
58 65.9 49.3 73.9



#50
Toluene-d8
Concen: 104.523 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 98 Resp: 1701154
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

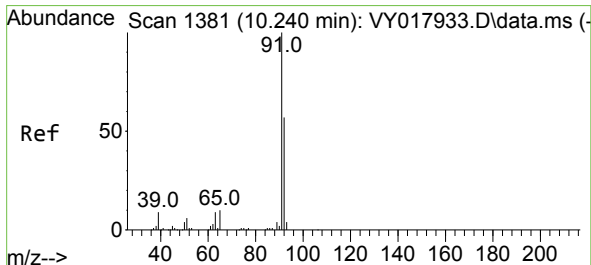
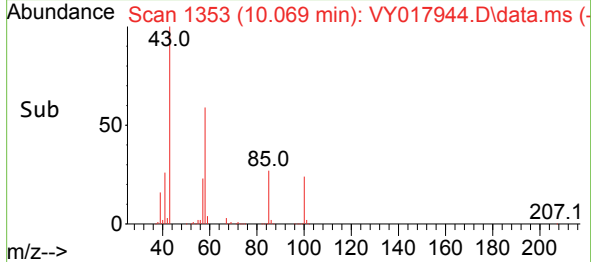
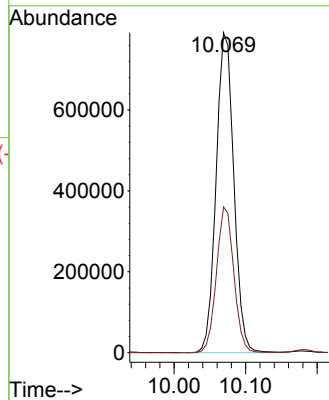
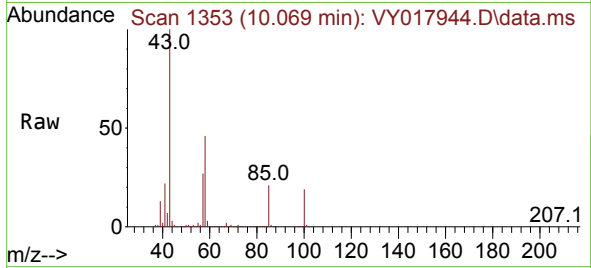




#51
4-Methyl-2-Pentanone
Concen: 535.460 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

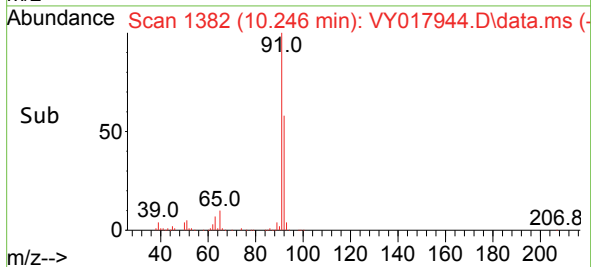
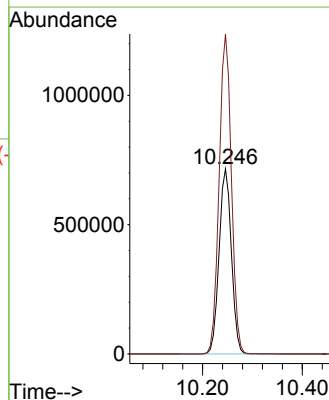
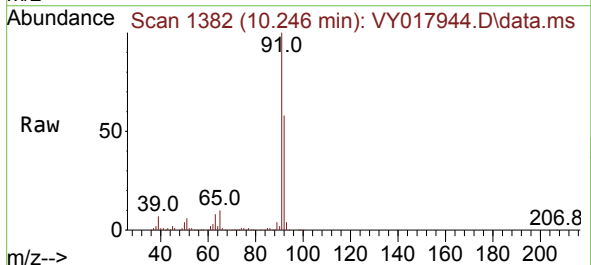
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

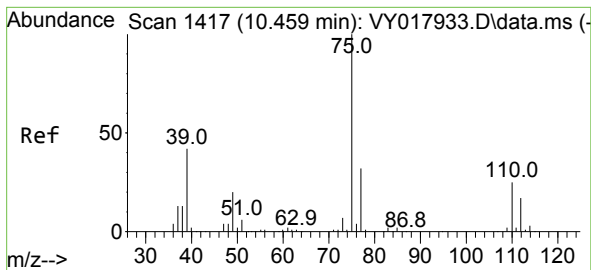
Tgt Ion: 43 Resp: 1357951
Ion Ratio Lower Upper
43 100
58 44.9 35.7 53.5



#52
Toluene
Concen: 101.894 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 92 Resp: 1221669
Ion Ratio Lower Upper
92 100
91 172.6 139.0 208.6

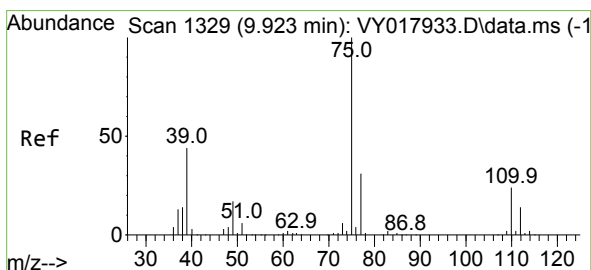
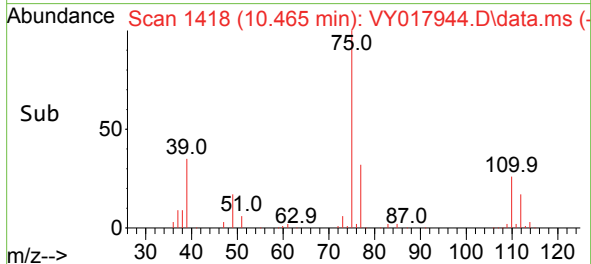
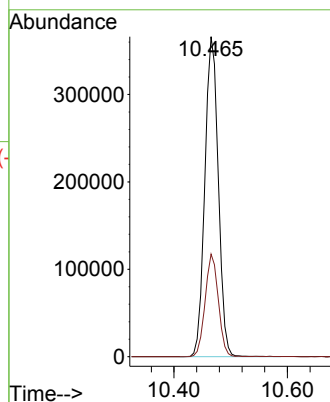
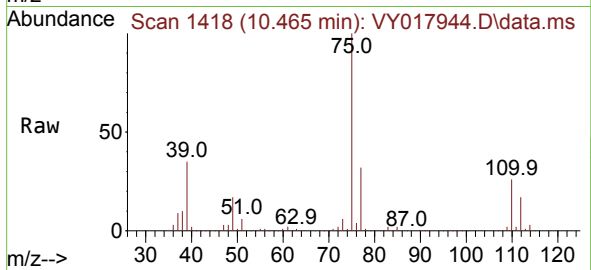




#53
 t-1,3-Dichloropropene
 Concen: 105.840 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY017944.D
 Acq: 16 Apr 2024 12:41

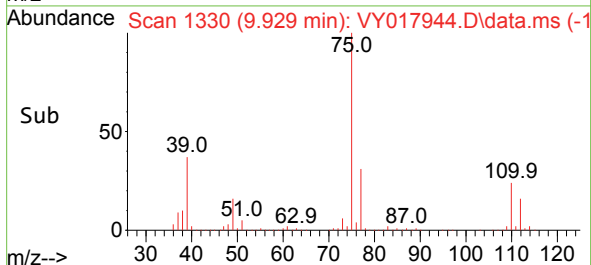
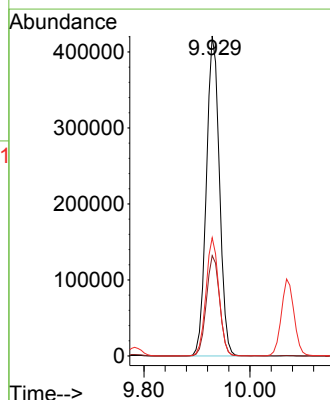
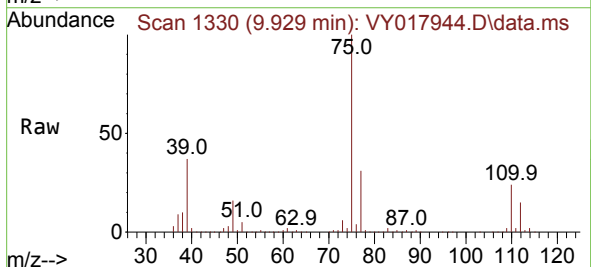
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

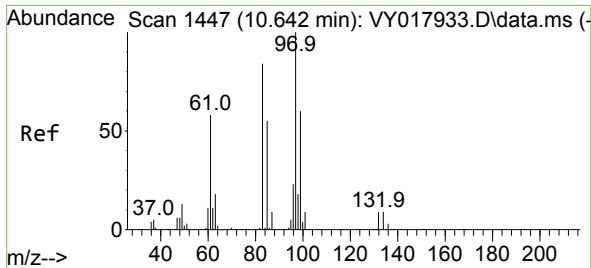
Tgt Ion: 75 Resp: 603090
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 102.852 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY017944.D
 Acq: 16 Apr 2024 12:41

Tgt Ion: 75 Resp: 719964
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 36.9 29.8 44.6

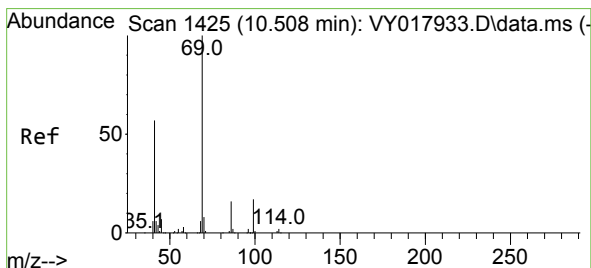
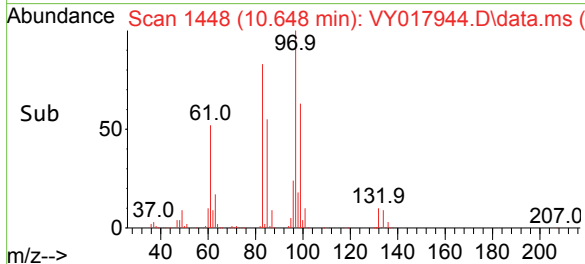
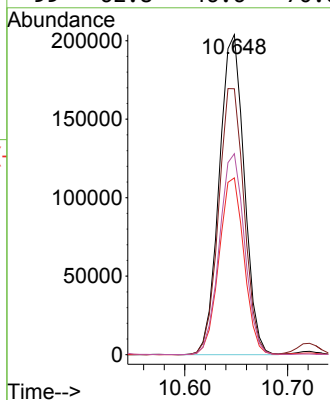
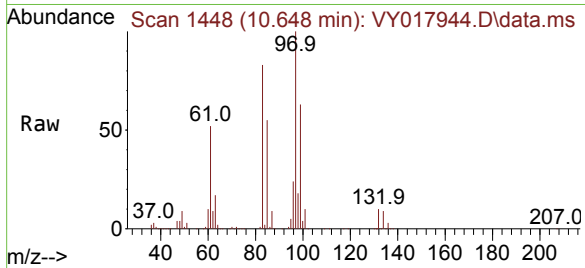




#55
1,1,2-Trichloroethane
Concen: 101.731 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

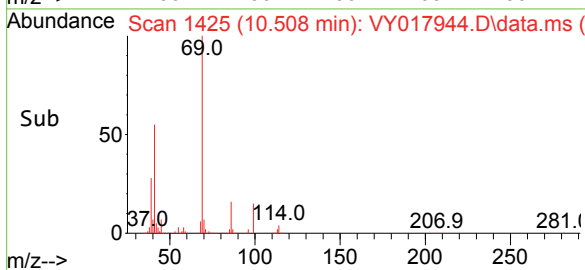
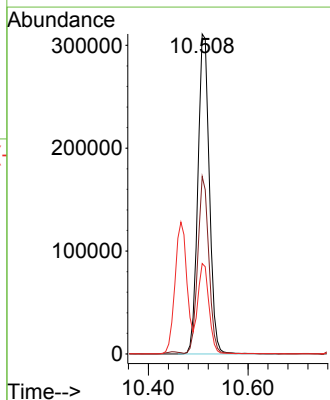
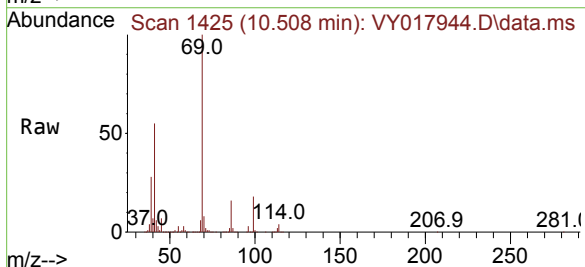
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

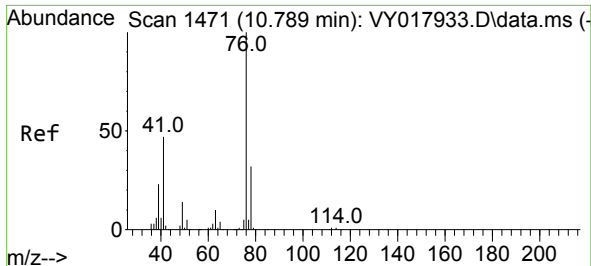
Tgt Ion:	97	Resp:	344046
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.5	101.3
85	55.3	42.9	64.3
99	62.8	46.6	70.0



#56
Ethyl methacrylate
Concen: 112.676 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:	69	Resp:	496782
Ion	Ratio	Lower	Upper
69	100		
41	53.2	42.3	63.5
39	27.1	22.9	34.3





#57

1,3-Dichloropropane

Concen: 101.387 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

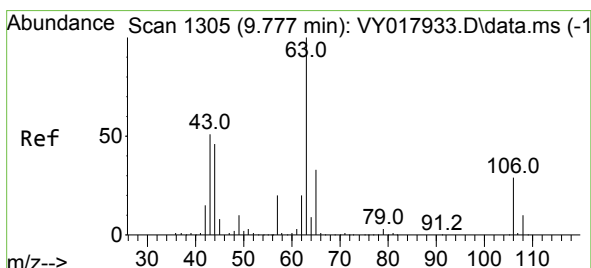
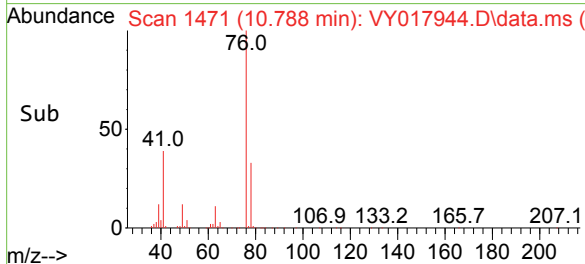
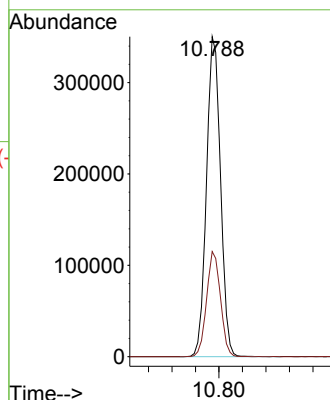
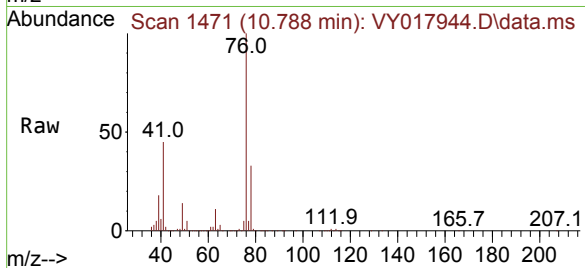
VSTDICC100

Tgt Ion: 76 Resp: 580606

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 544.158 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY017944.D

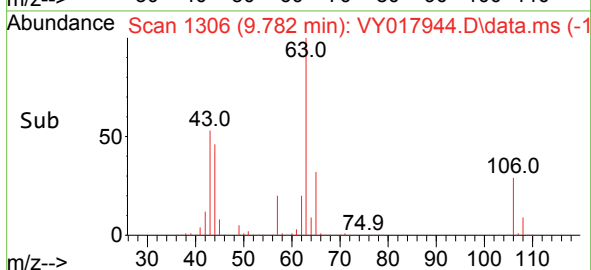
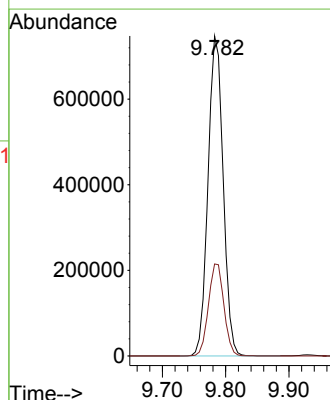
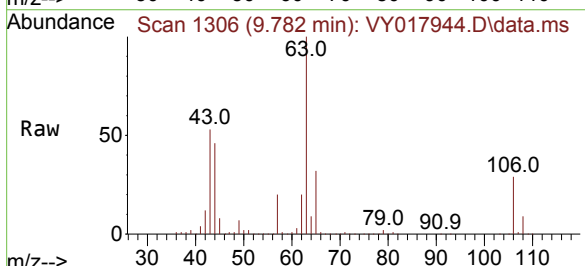
Acq: 16 Apr 2024 12:41

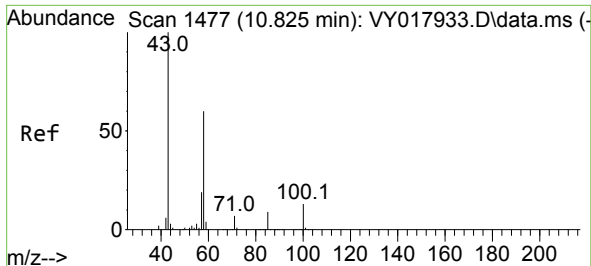
Tgt Ion: 63 Resp: 1247091

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5

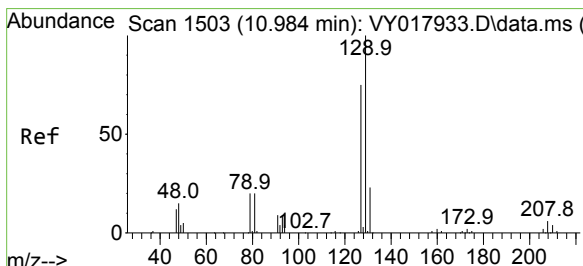
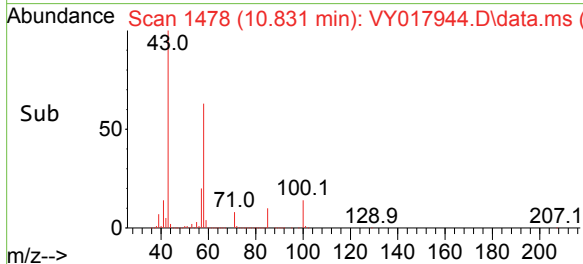
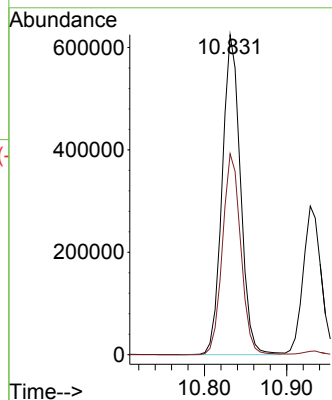
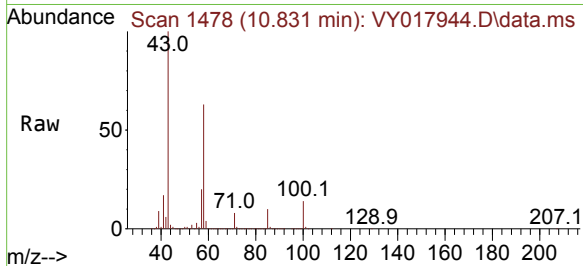




#59
2-Hexanone
Concen: 557.146 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

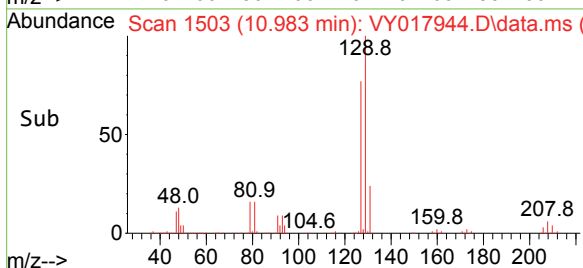
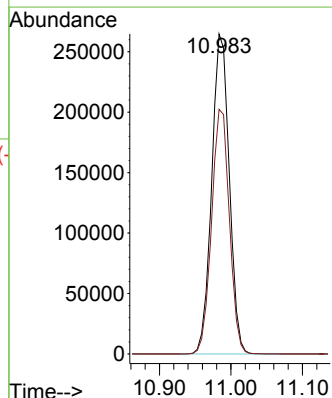
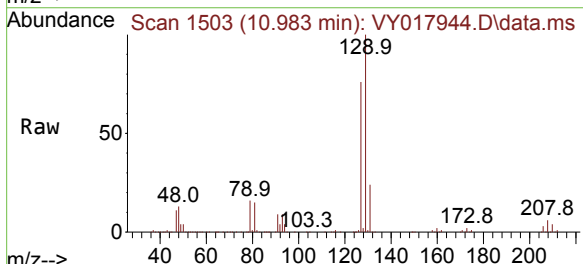
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

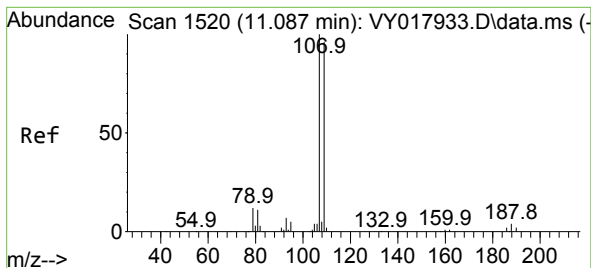
Tgt Ion: 43 Resp: 964523
Ion Ratio Lower Upper
43 100
58 63.0 31.4 94.0



#60
Dibromochloromethane
Concen: 103.664 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 129 Resp: 450572
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 103.597 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

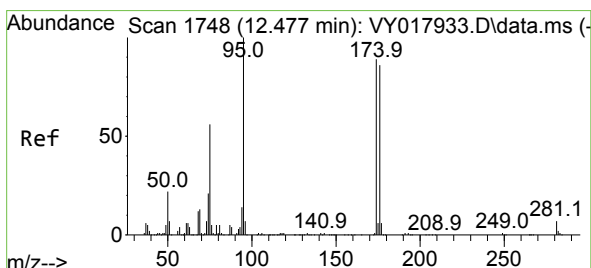
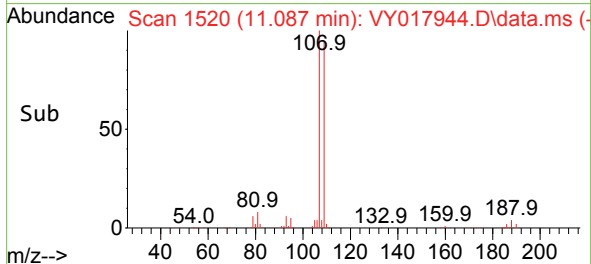
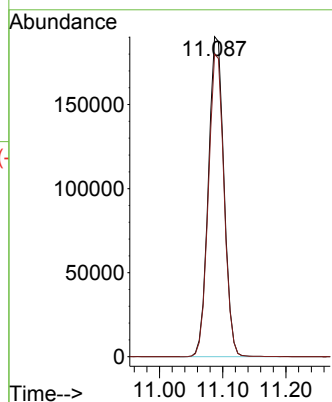
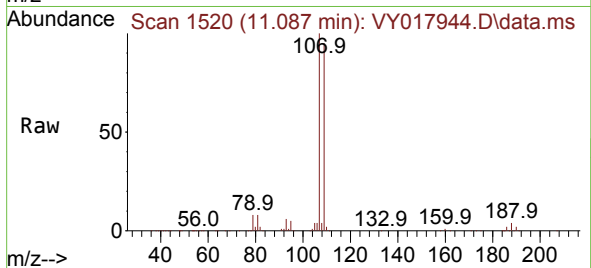
VSTDIC100

Tgt Ion:107 Resp: 326519

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 106.424 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

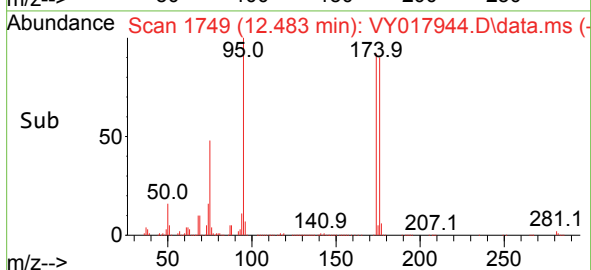
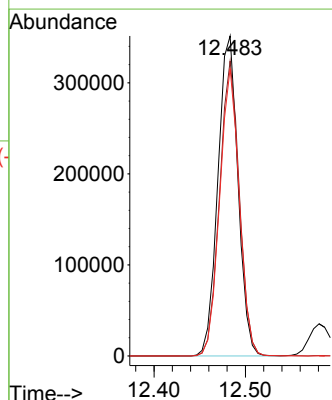
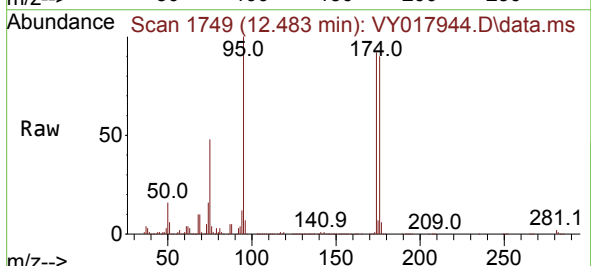
Tgt Ion: 95 Resp: 536435

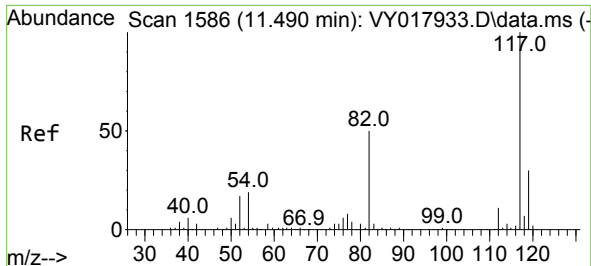
Ion Ratio Lower Upper

95 100

174 91.0 0.0 175.6

176 87.7 0.0 171.4

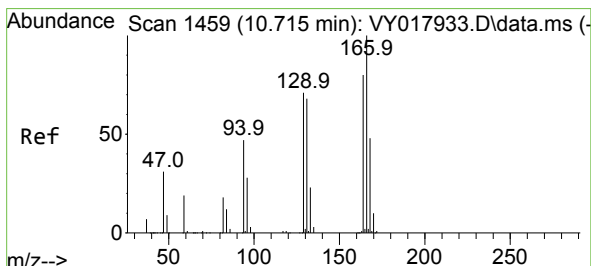
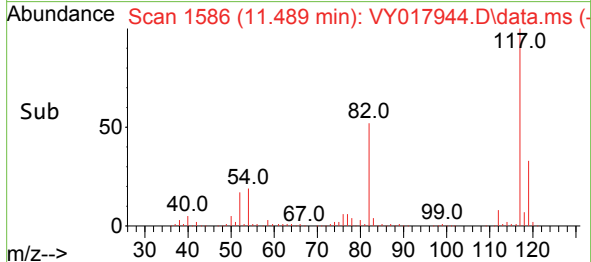
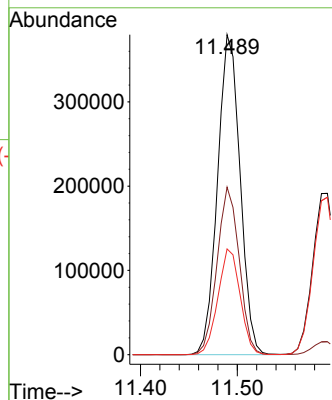
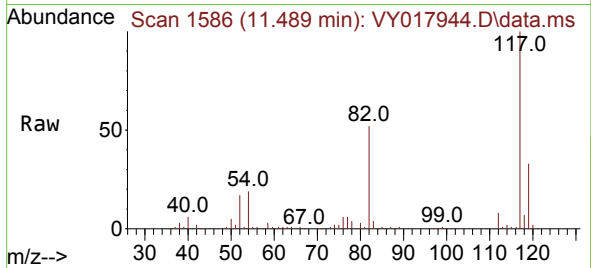




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

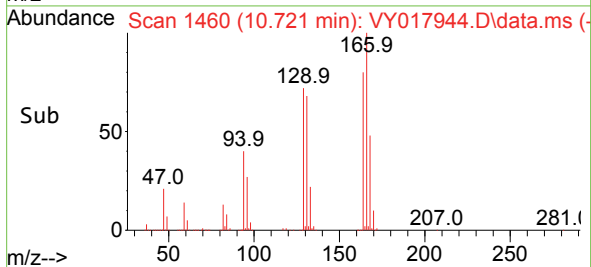
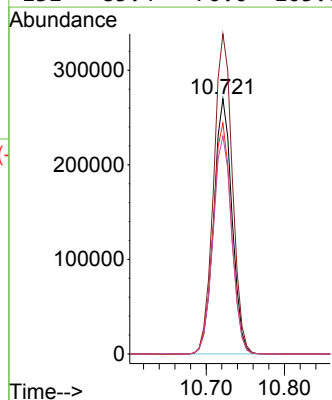
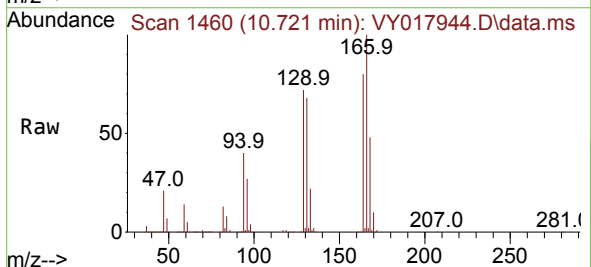
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

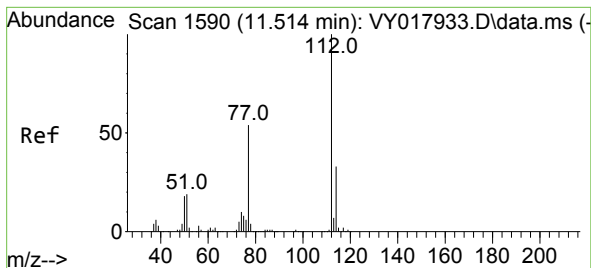
Tgt Ion:117 Resp: 613876
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 33.1 25.9 38.9



#64
Tetrachloroethene
Concen: 99.570 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:164 Resp: 437860
Ion Ratio Lower Upper
164 100
166 125.4 102.6 154.0
129 90.5 72.0 108.0
131 85.4 70.0 105.0

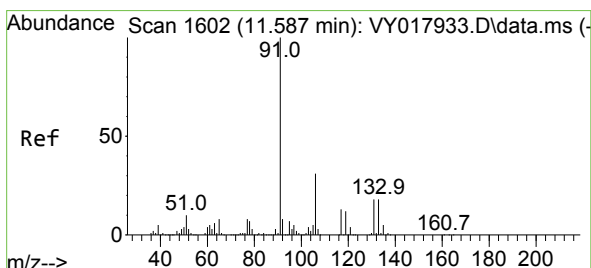
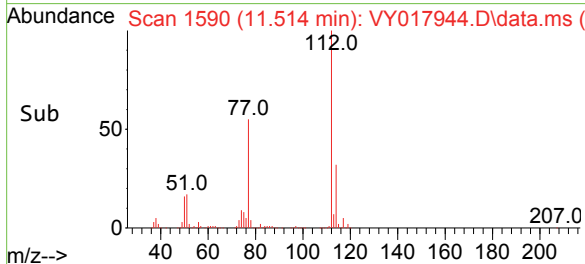
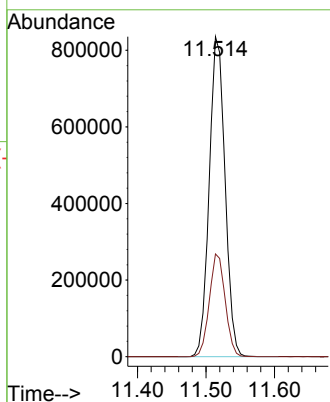
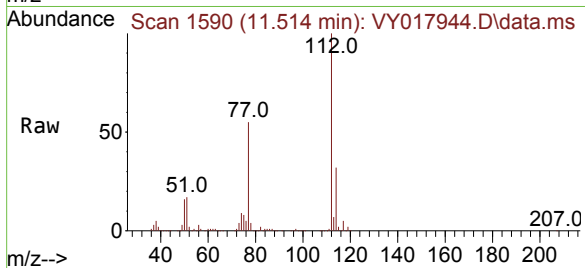




#65
Chlorobenzene
Concen: 99.853 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

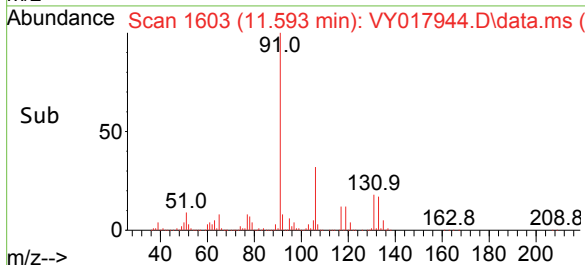
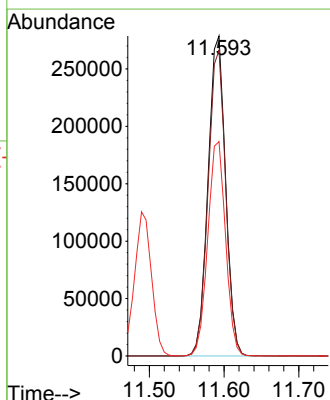
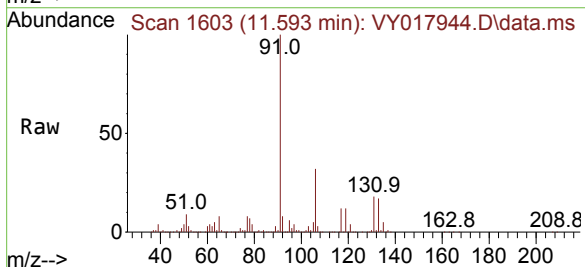
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

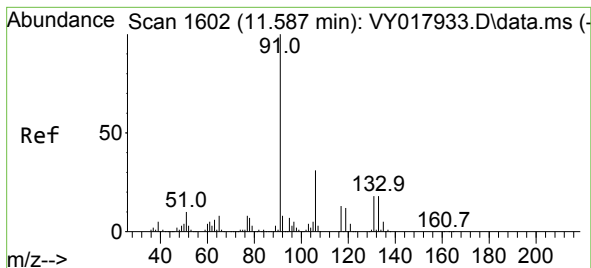
Tgt Ion:112 Resp: 1343433
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 102.187 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:131 Resp: 453339
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 102.668 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

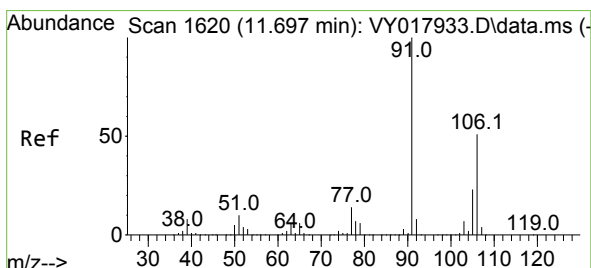
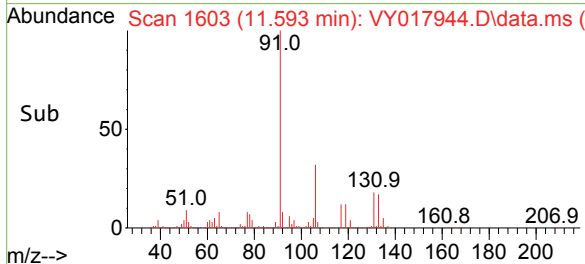
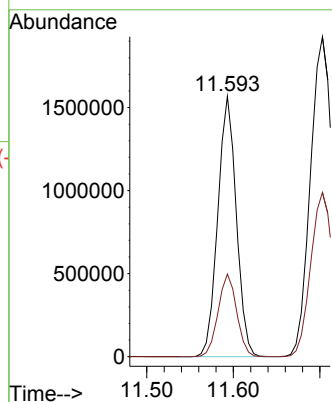
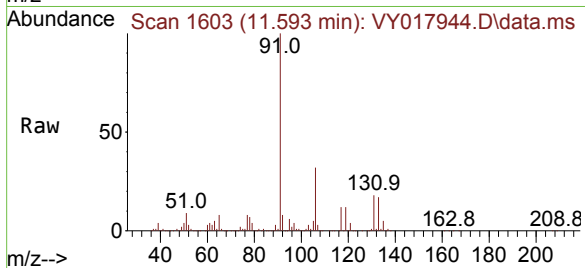
VSTDICC100

Tgt Ion: 91 Resp: 2325805

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 205.402 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY017944.D

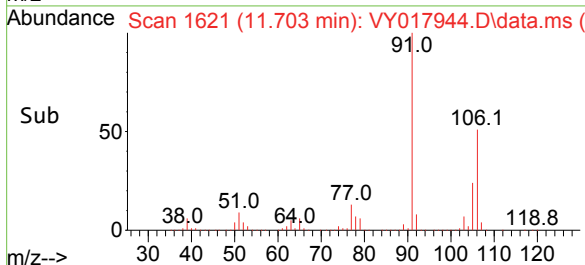
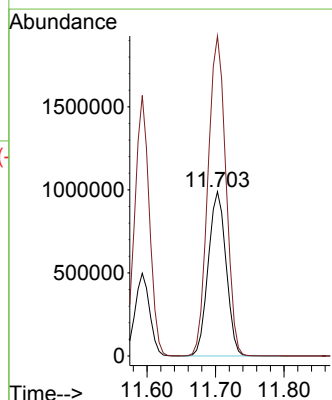
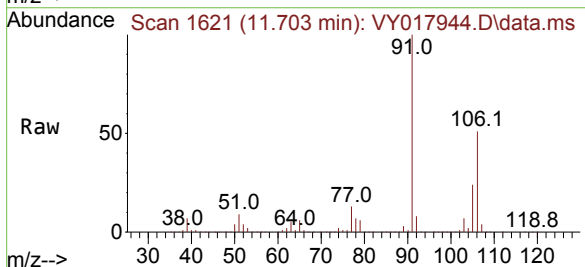
Acq: 16 Apr 2024 12:41

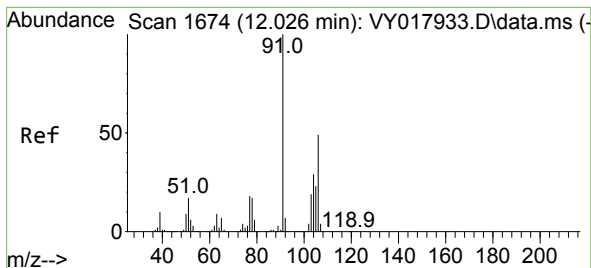
Tgt Ion:106 Resp: 1787171

Ion Ratio Lower Upper

106 100

91 195.7 156.0 234.0

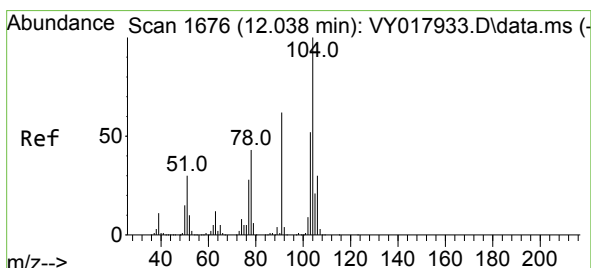
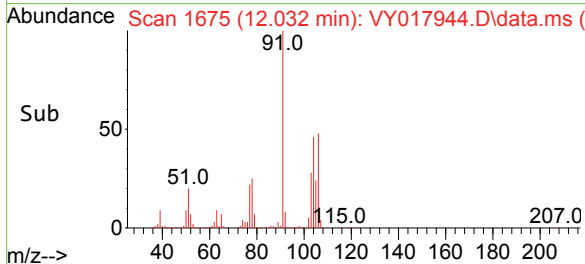
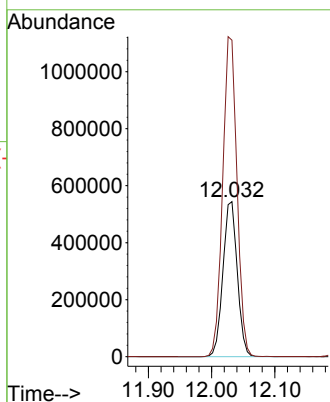
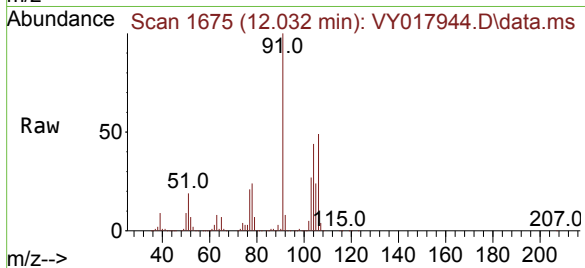




#69
o-Xylene
Concen: 104.912 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

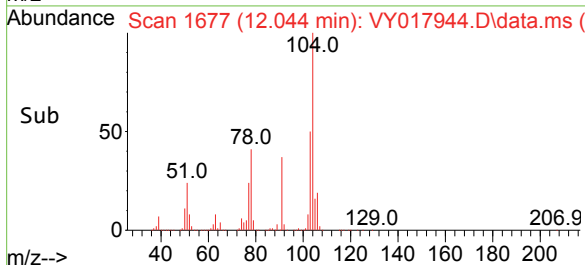
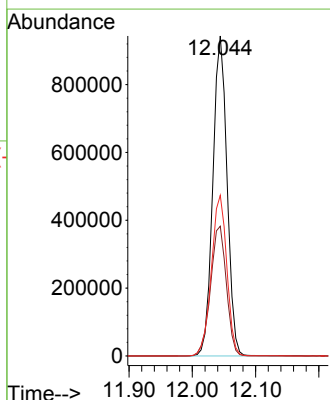
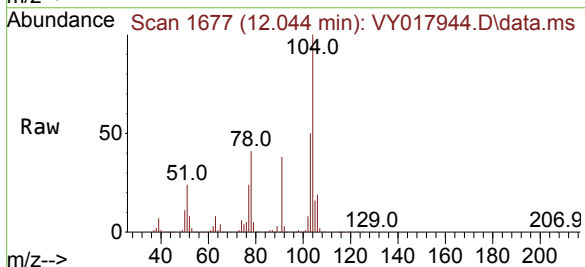
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

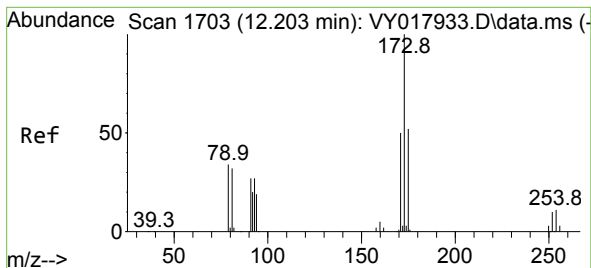
Tgt Ion:106 Resp: 852443
Ion Ratio Lower Upper
106 100
91 206.0 103.6 310.8



#70
Styrene
Concen: 106.975 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:104 Resp: 1469077
Ion Ratio Lower Upper
104 100
78 45.3 37.0 55.4
103 54.5 44.2 66.2





#71

Bromoform

Concen: 105.101 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

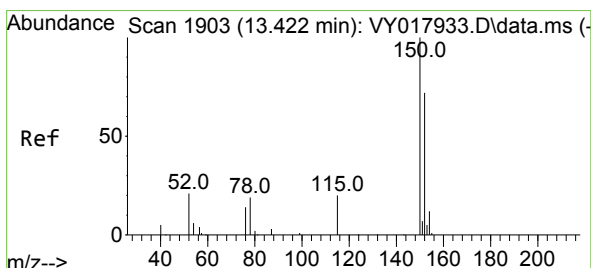
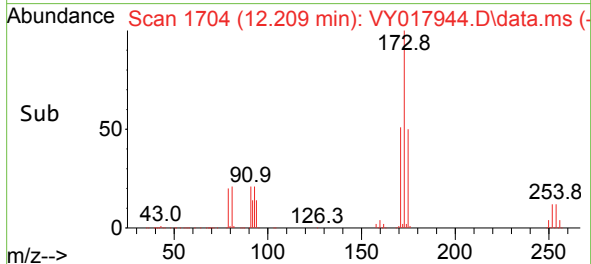
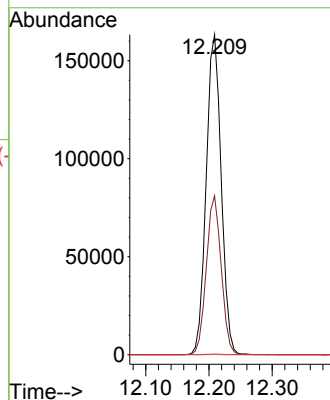
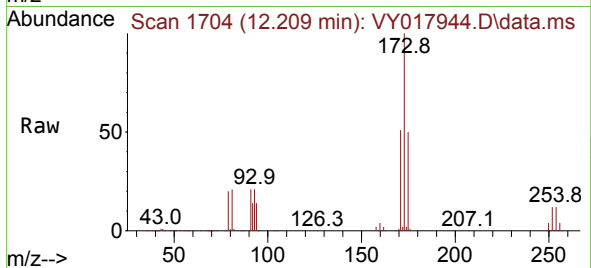
Tgt Ion:173 Resp: 269397

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

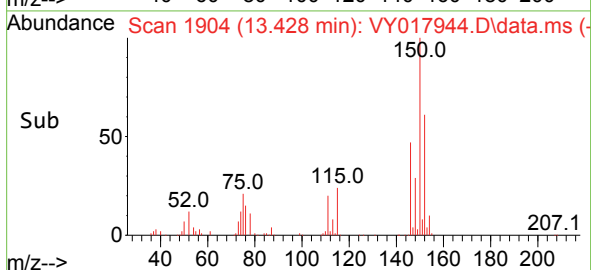
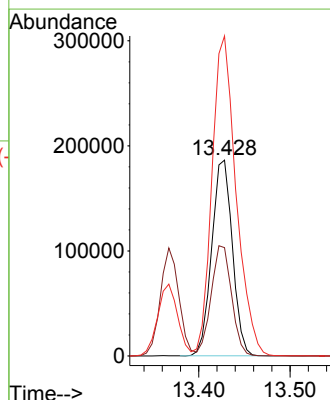
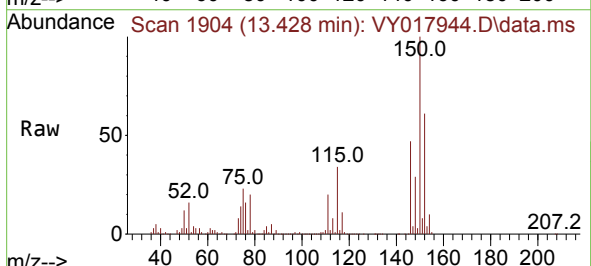
Tgt Ion:152 Resp: 292675

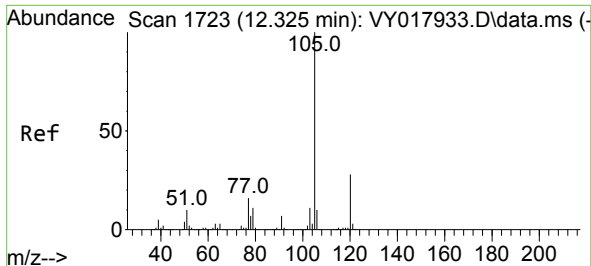
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 190.7 0.0 345.6

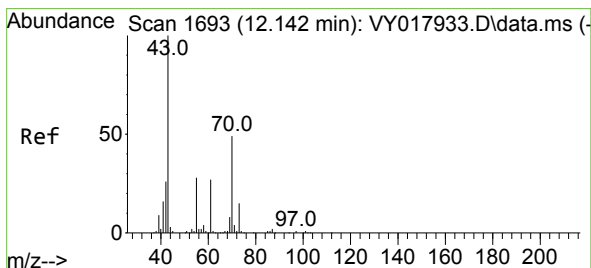
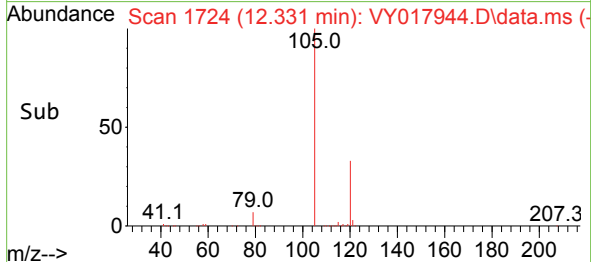
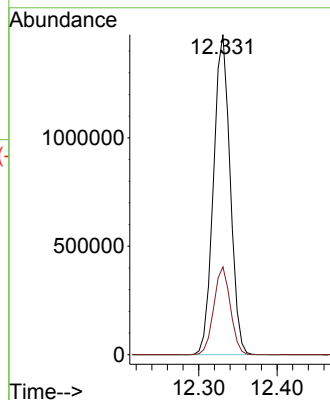
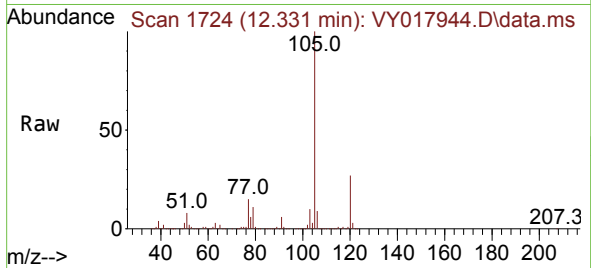




#73
Isopropylbenzene
Concen: 102.114 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

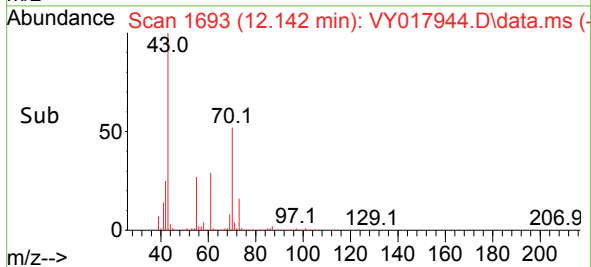
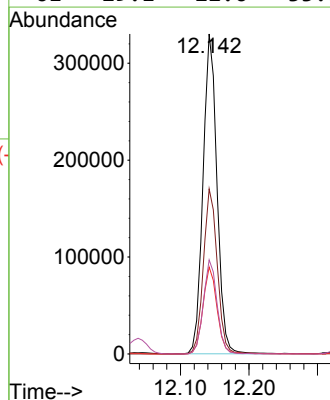
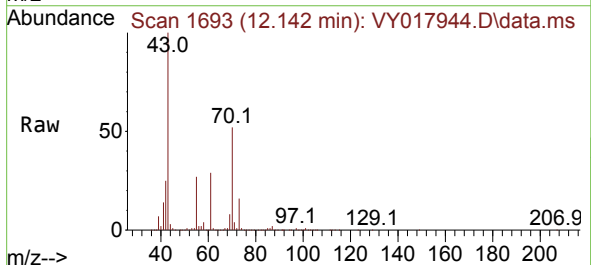
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

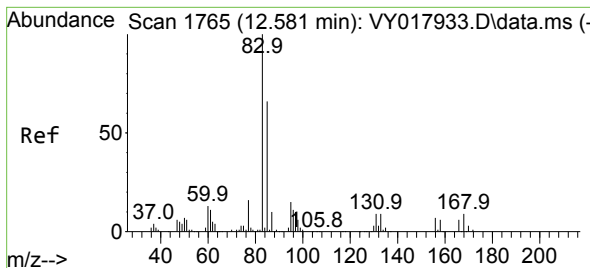
Tgt Ion:105 Resp: 2177692
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1



#74
N-ethyl acetate
Concen: 108.965 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 43 Resp: 469094
Ion Ratio Lower Upper
43 100
70 51.6 41.4 62.2
55 27.5 23.3 34.9
61 29.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 99.745 ug/l

RT: 12.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

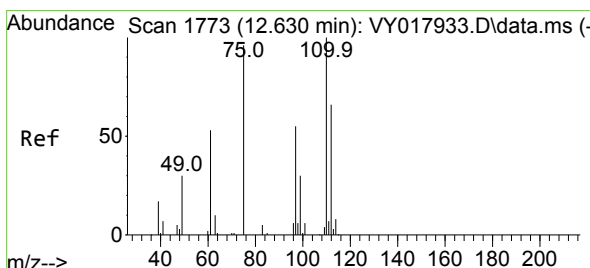
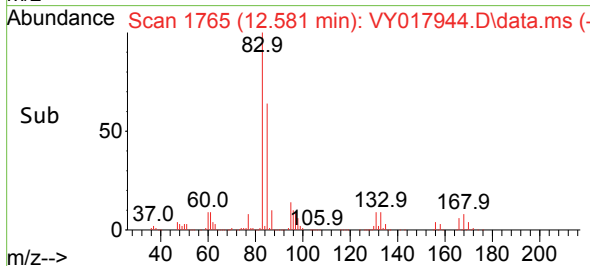
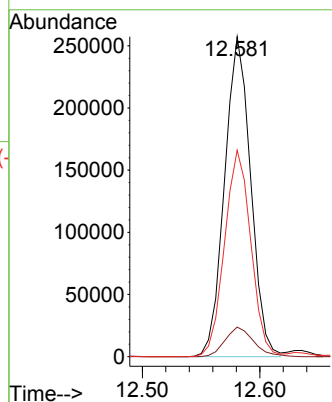
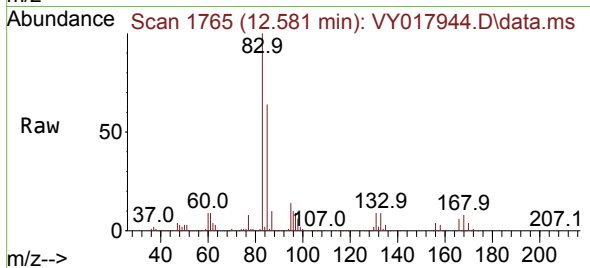
Tgt Ion: 83 Resp: 396725

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 176.421 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017944.D

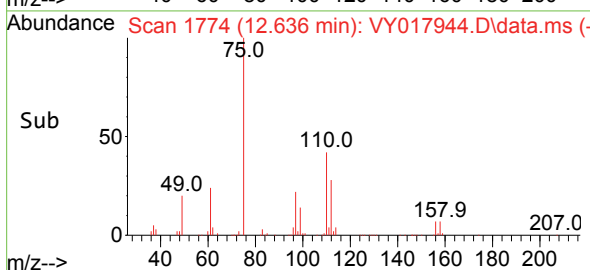
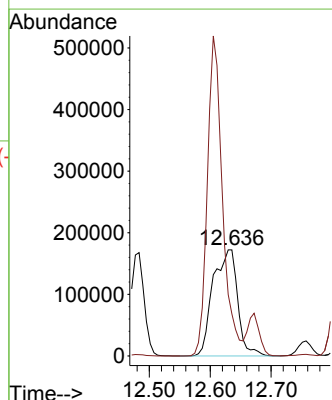
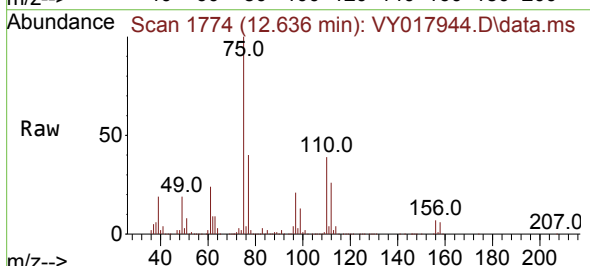
Acq: 16 Apr 2024 12:41

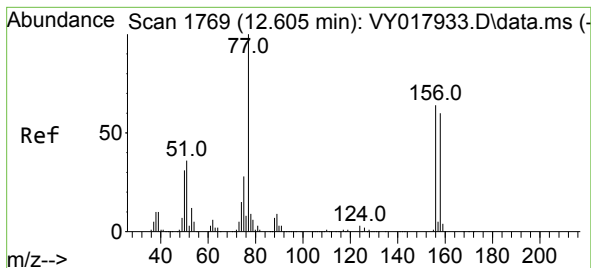
Tgt Ion: 75 Resp: 483308

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 102.548 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

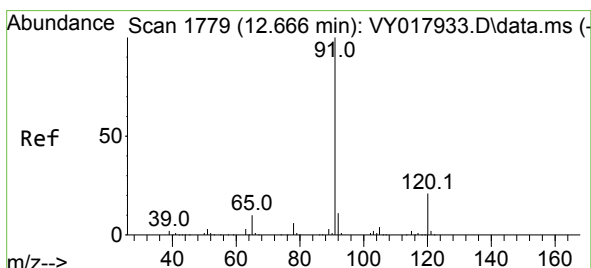
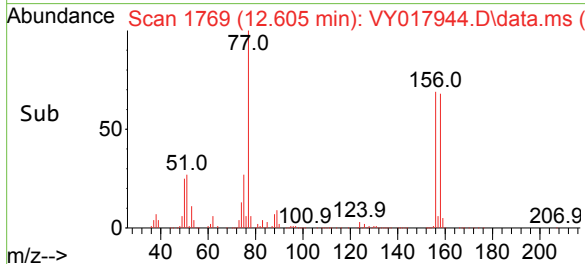
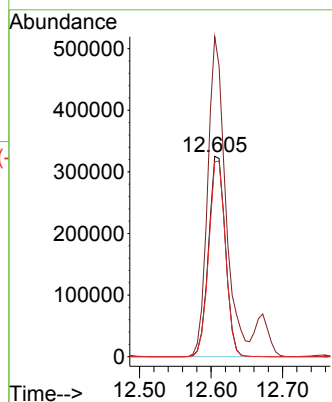
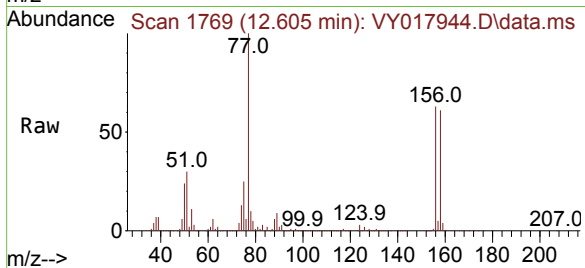
Tgt Ion:156 Resp: 529238

Ion Ratio Lower Upper

156 100

77 170.8 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 100.184 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017944.D

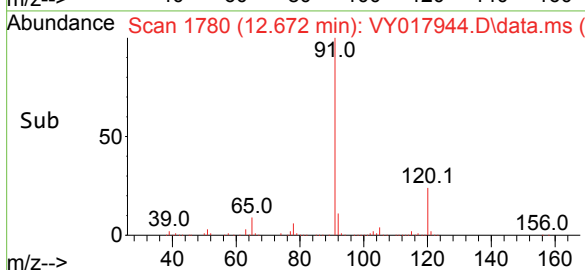
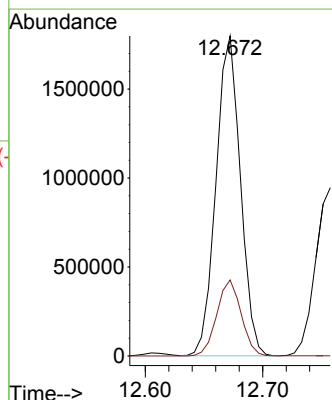
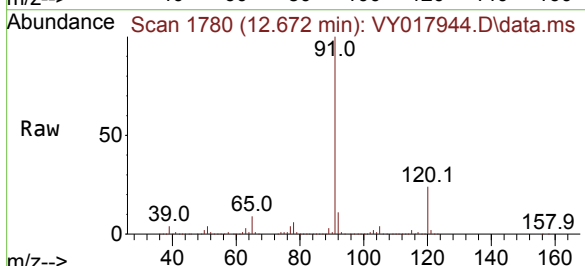
Acq: 16 Apr 2024 12:41

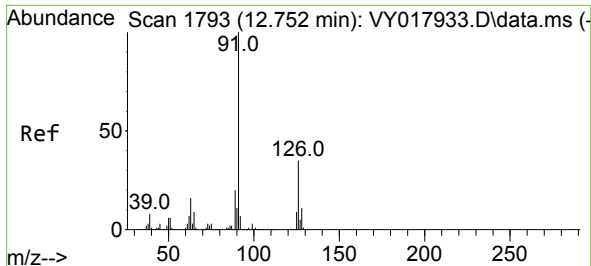
Tgt Ion: 91 Resp: 2592260

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

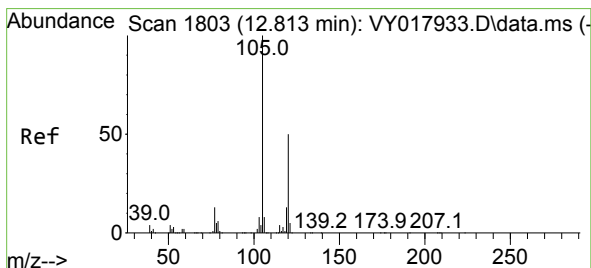
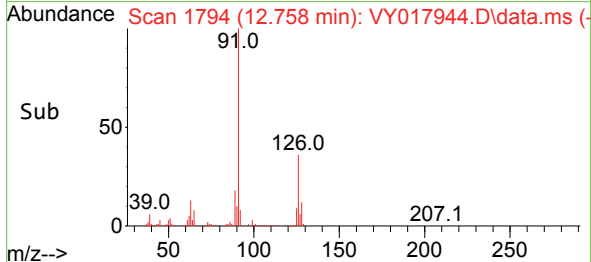
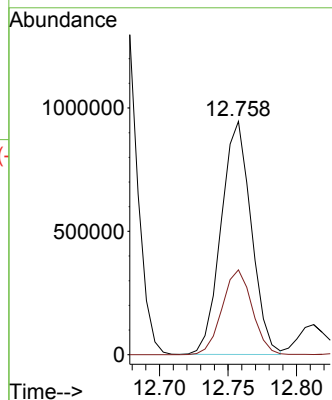
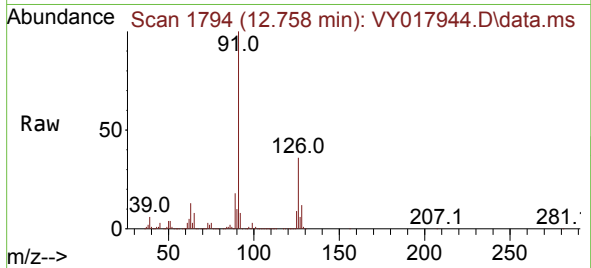




#79
2-Chlorotoluene
Concen: 100.029 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

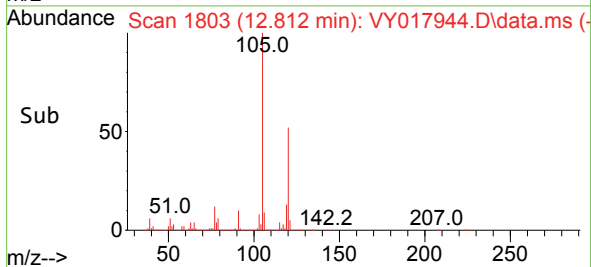
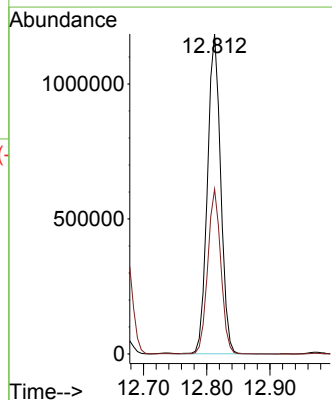
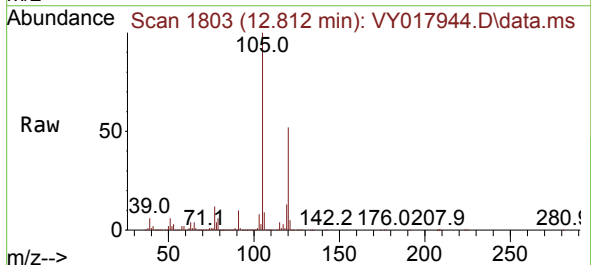
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

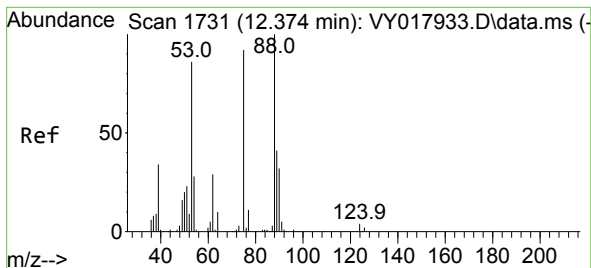
Tgt Ion: 91 Resp: 1448702
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 101.759 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 105 Resp: 1720766
Ion Ratio Lower Upper
105 100
120 51.0 25.1 75.2

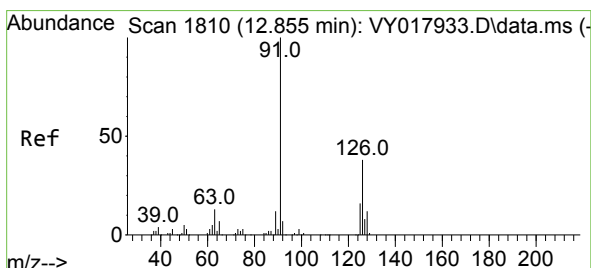
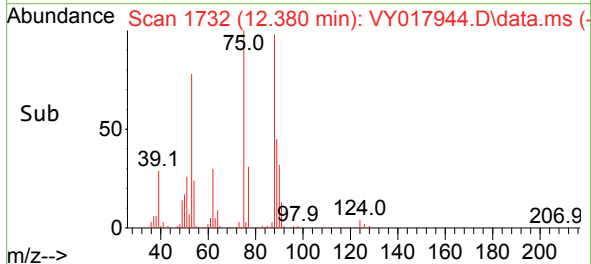
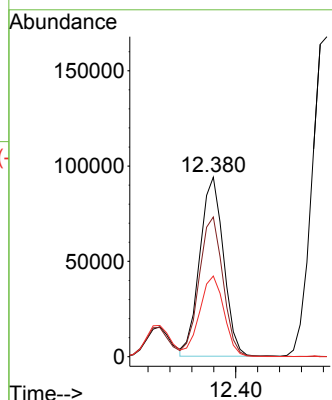
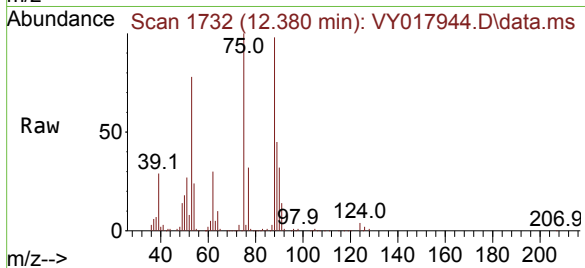




#81
trans-1,4-Dichloro-2-butene
Concen: 106.060 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

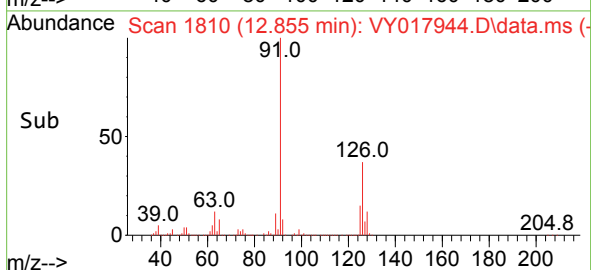
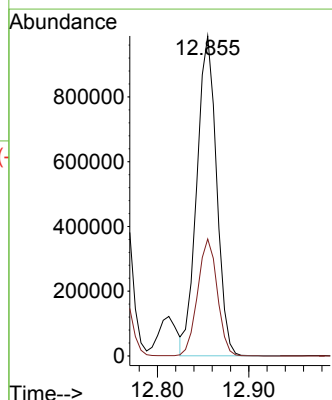
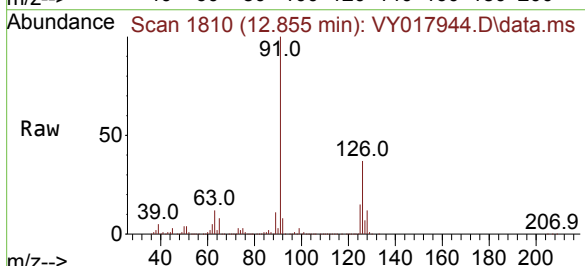
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

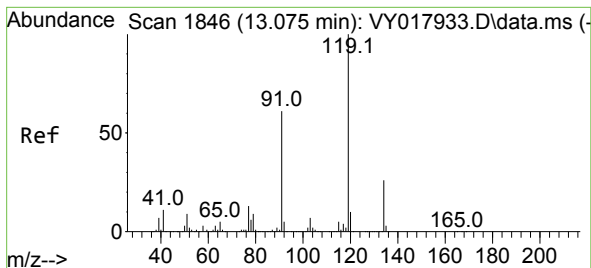
Tgt Ion: 75 Resp: 141276
Ion Ratio Lower Upper
75 100
53 78.6 66.8 100.2
89 46.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 98.720 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion: 91 Resp: 1480776
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 102.978 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

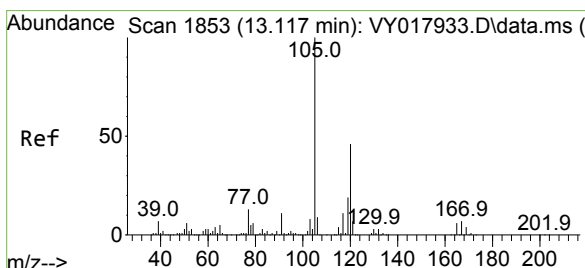
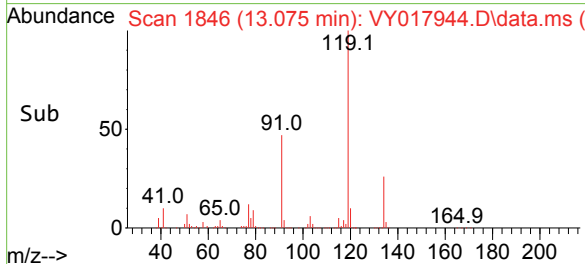
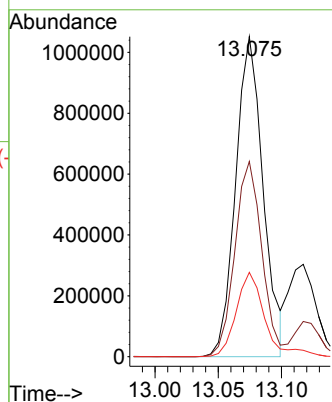
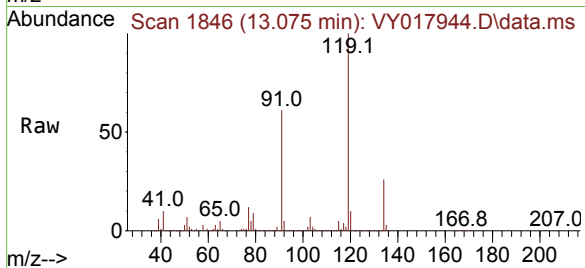
Tgt Ion:119 Resp: 1590470

Ion Ratio Lower Upper

119 100

91 59.6 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 102.376 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY017944.D

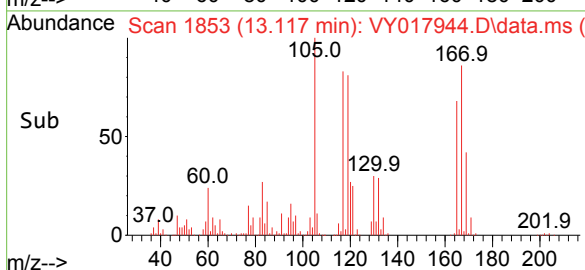
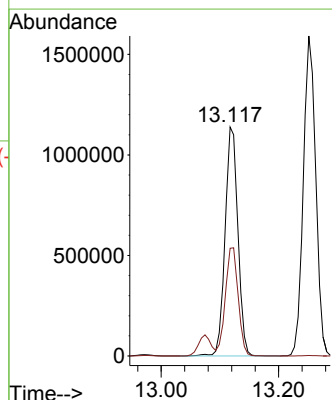
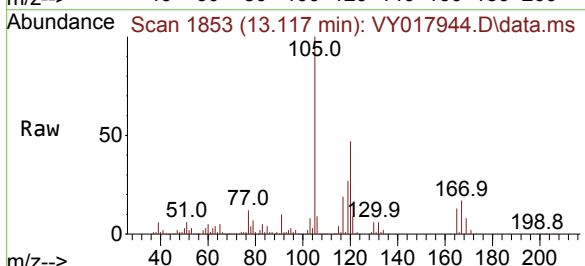
Acq: 16 Apr 2024 12:41

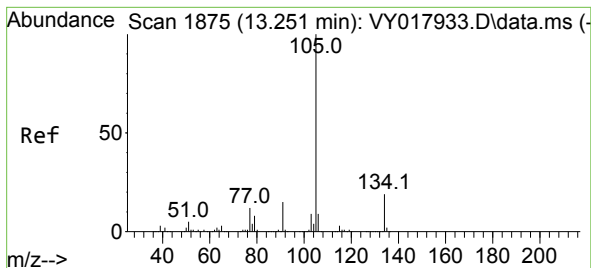
Tgt Ion:105 Resp: 1724025

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 100.388 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

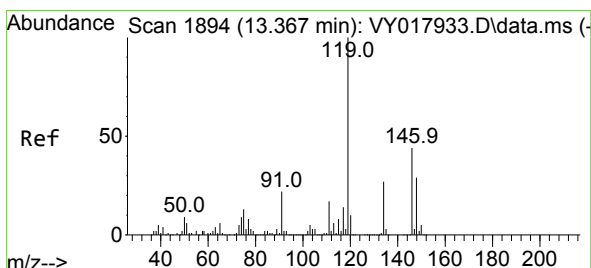
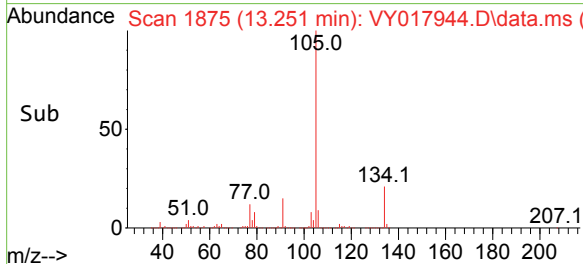
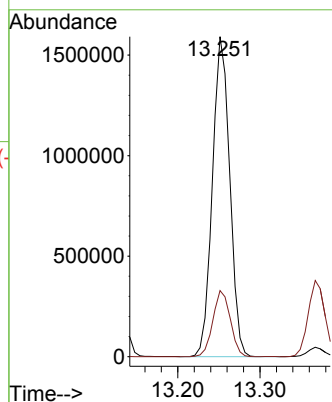
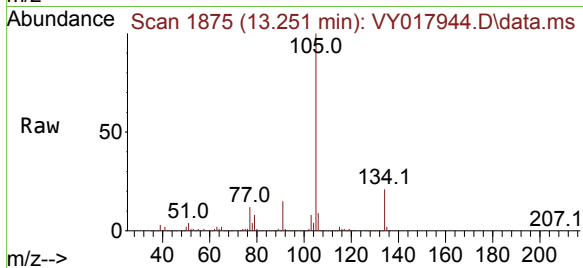
VSTDICC100

Tgt Ion:105 Resp: 2328856

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 102.924 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

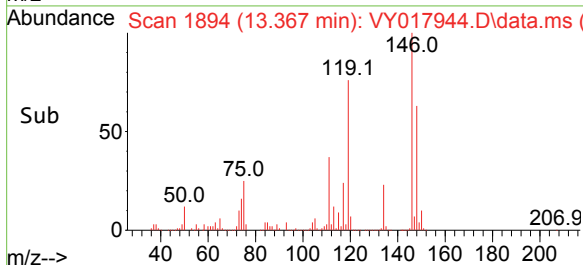
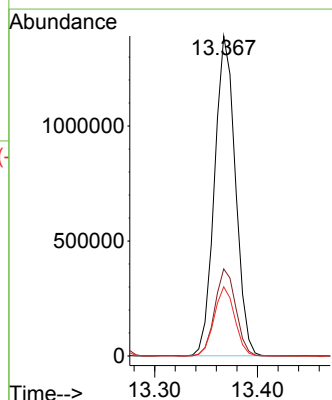
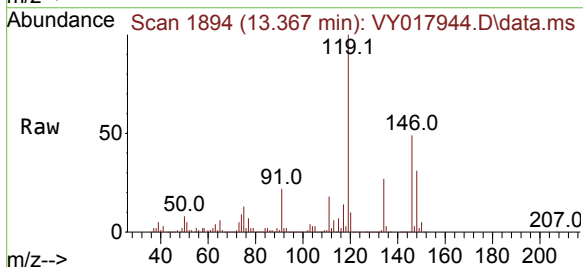
Tgt Ion:119 Resp: 1961967

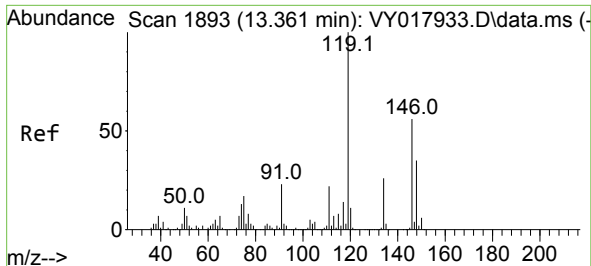
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 21.3 10.7 32.1

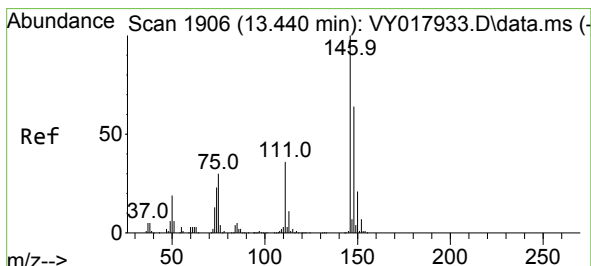
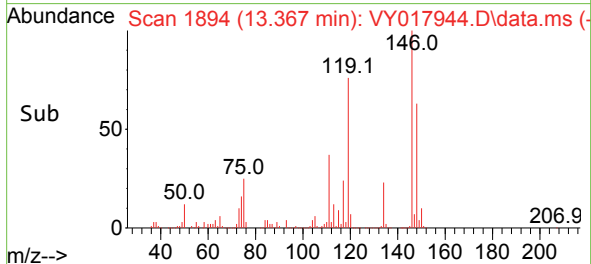
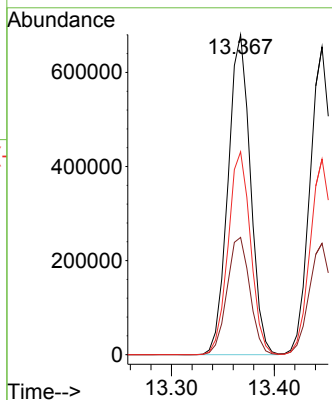
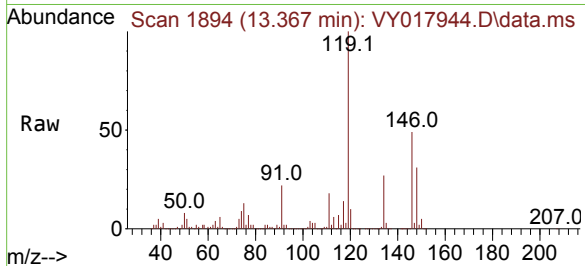




#87
1,3-Dichlorobenzene
Concen: 100.557 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

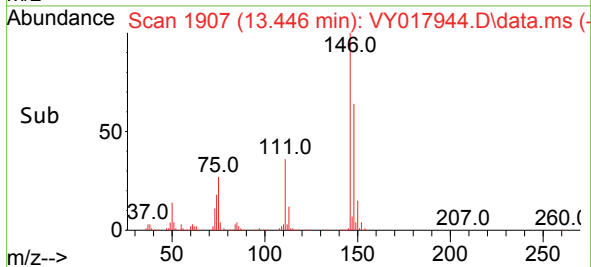
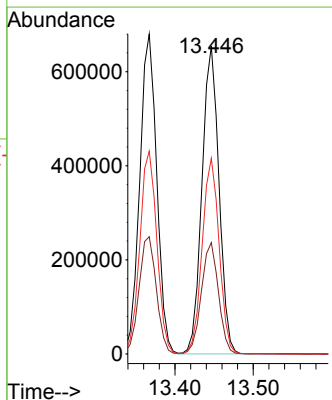
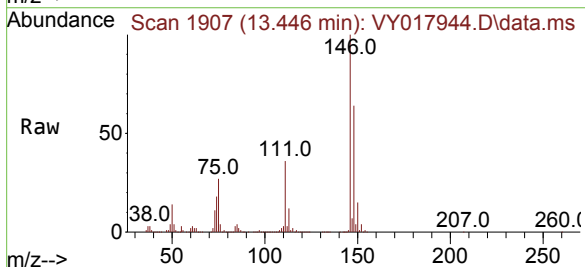
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

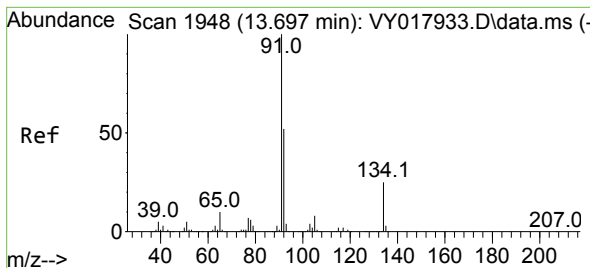
Tgt Ion:146 Resp: 1029680
Ion Ratio Lower Upper
146 100
111 37.5 19.0 57.0
148 63.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 97.872 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY017944.D
Acq: 16 Apr 2024 12:41

Tgt Ion:146 Resp: 983815
Ion Ratio Lower Upper
146 100
111 36.4 18.4 55.4
148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 101.082 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

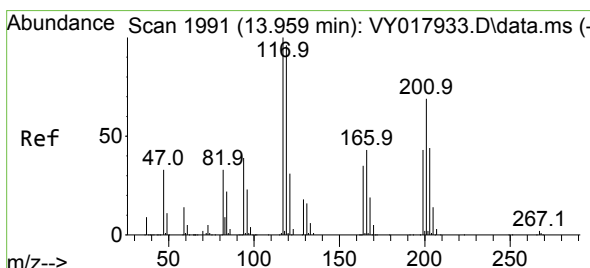
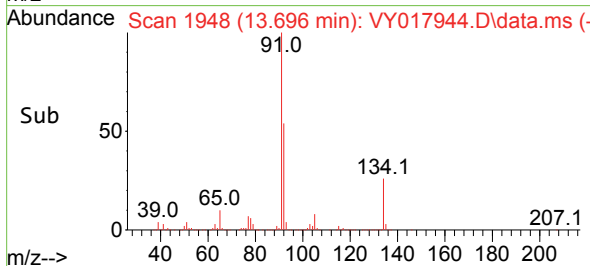
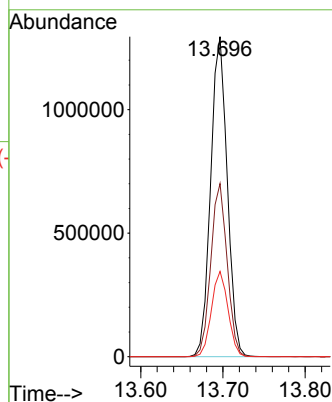
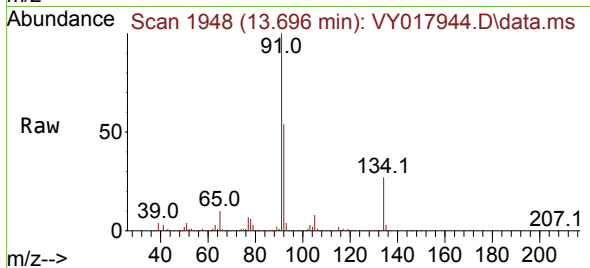
Tgt Ion: 91 Resp: 1812751

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 99.021 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY017944.D

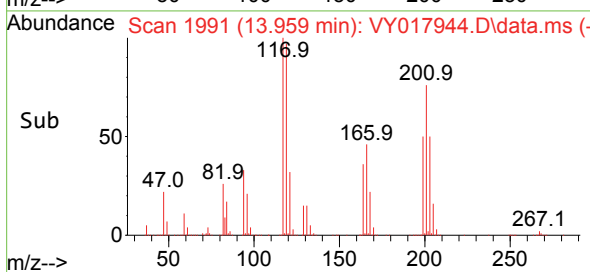
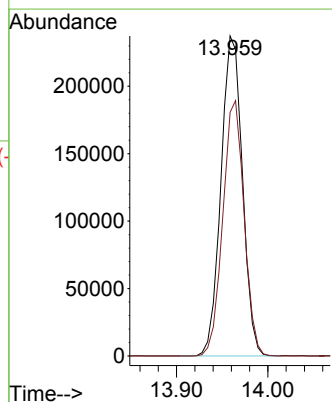
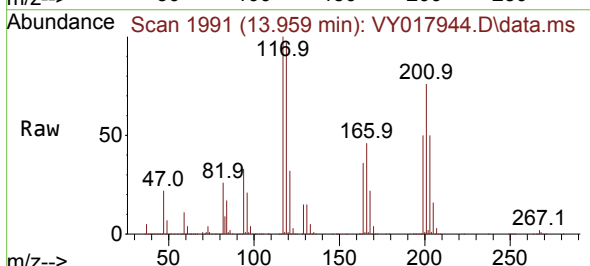
Acq: 16 Apr 2024 12:41

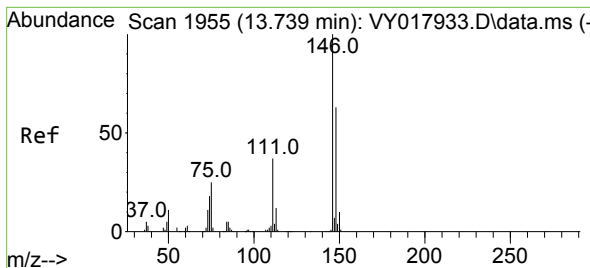
Tgt Ion: 117 Resp: 387053

Ion Ratio Lower Upper

117 100

201 79.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 99.850 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

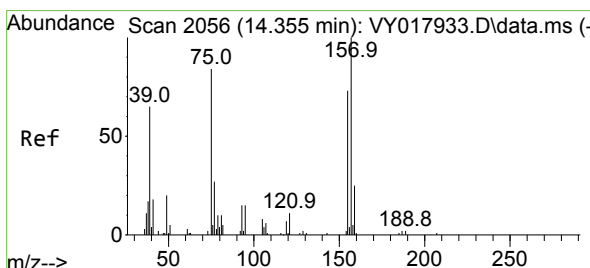
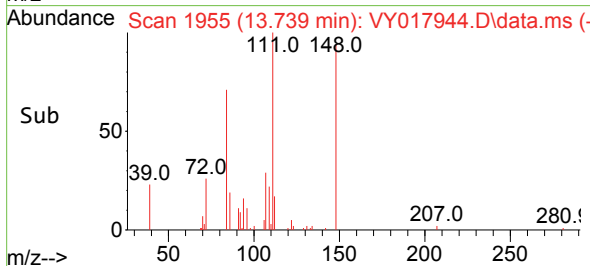
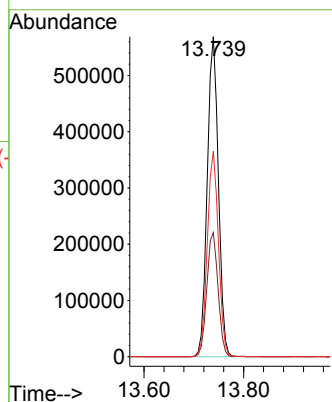
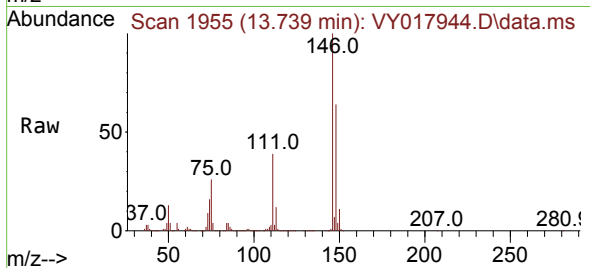
Tgt Ion:146 Resp: 882089

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.109 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

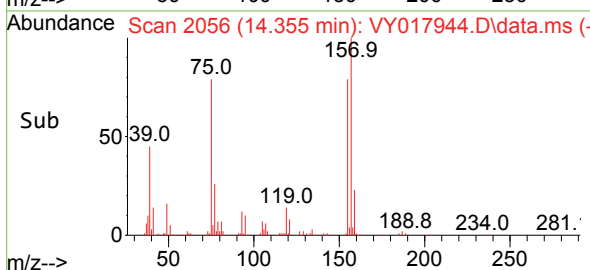
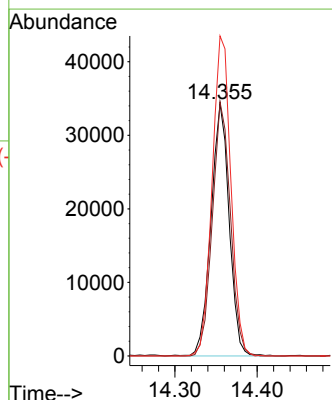
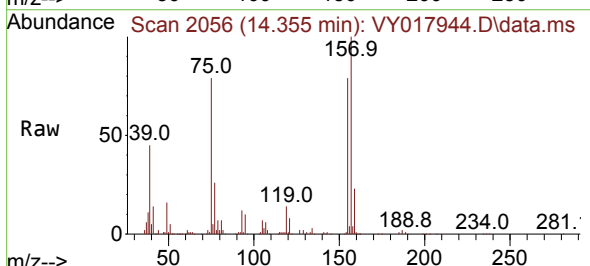
Tgt Ion: 75 Resp: 52751

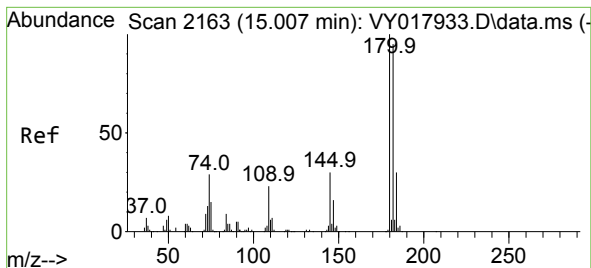
Ion Ratio Lower Upper

75 100

155 99.9 48.6 145.8

157 130.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 105.594 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

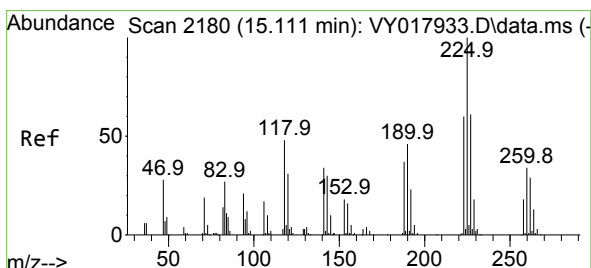
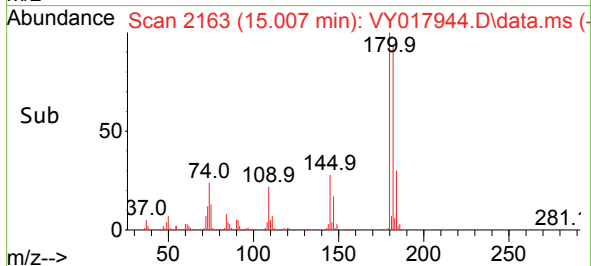
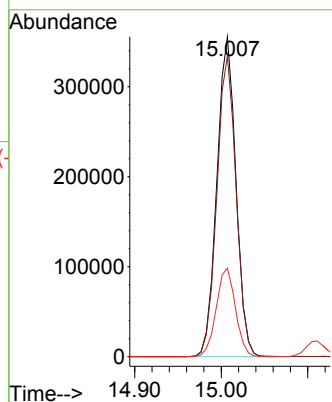
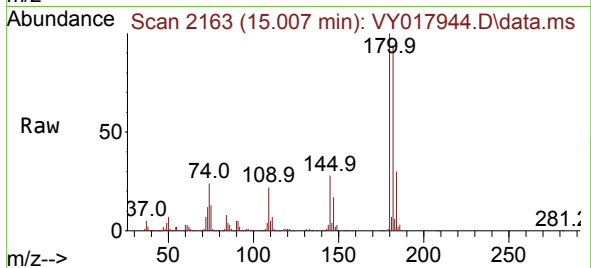
Tgt Ion:180 Resp: 543227

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 98.346 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

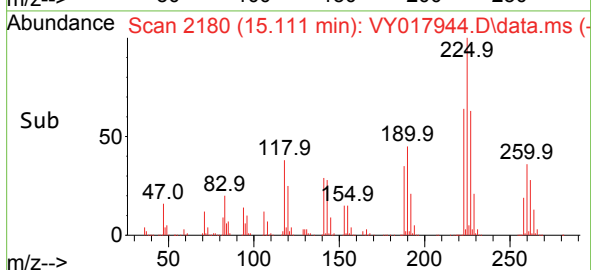
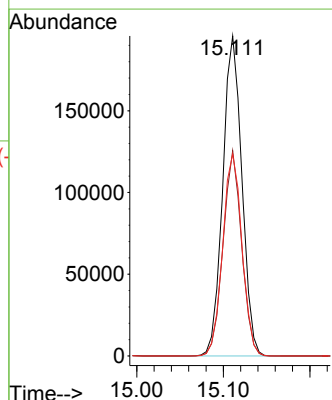
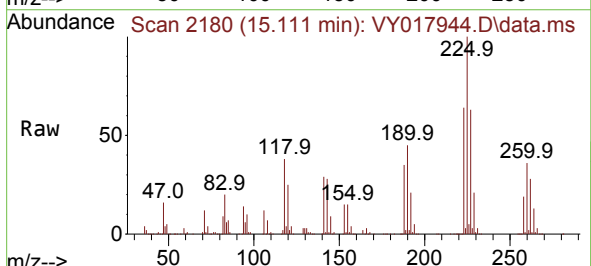
Tgt Ion:225 Resp: 300139

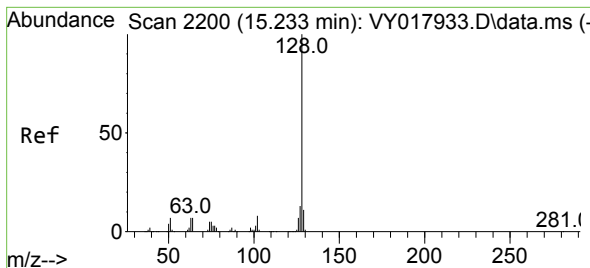
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 114.827 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

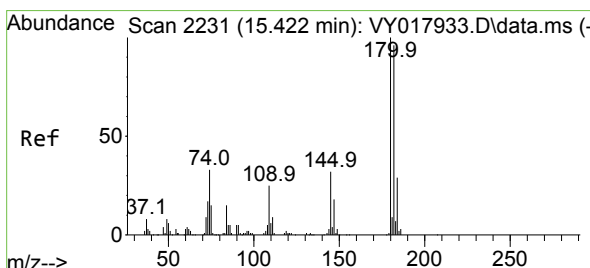
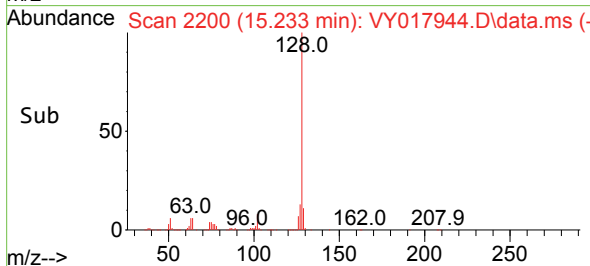
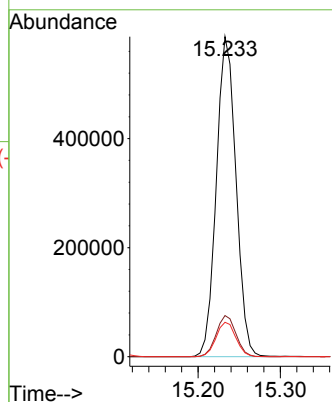
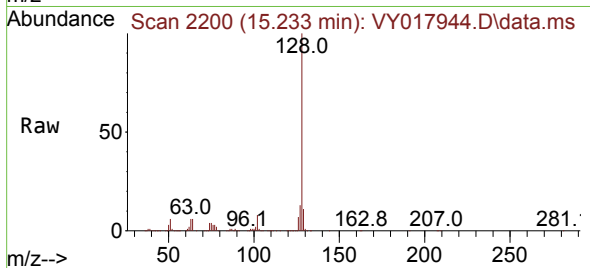
Tgt Ion:128 Resp: 973450

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 106.652 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY017944.D

Acq: 16 Apr 2024 12:41

Tgt Ion:180 Resp: 460388

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 30.1 15.4 46.1

