

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017412.D
 Acq On : 19 Feb 2024 18:35
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 20 06:09:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 05:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	181348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	276206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	117939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	219738	141.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 283.680%#	
35) Dibromofluoromethane	7.728	113	251814	155.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 311.500%#	
50) Toluene-d8	10.191	98	995531	158.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 317.520%#	
62) 4-Bromofluorobenzene	12.489	95	315366	147.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 294.620%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	198243	137.090	ug/l	99
3) Chloromethane	2.119	50	367970	124.683	ug/l	98
4) Vinyl Chloride	2.253	62	506535	131.826	ug/l	100
5) Bromomethane	2.644	94	404598	149.518	ug/l	97
6) Chloroethane	2.796	64	321530	131.357	ug/l	99
7) Trichlorofluoromethane	3.125	101	481527	146.122	ug/l	97
8) Diethyl Ether	3.540	74	137088	147.184	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	273413	143.544	ug/l	100
10) Methyl Iodide	4.101	142	336915	166.210	ug/l	99
11) Tert butyl alcohol	4.966	59	77173	640.655	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	263472	147.165	ug/l	98
13) Acrolein	3.735	56	112622	698.654	ug/l	99
14) Allyl chloride	4.491	41	321476	148.146	ug/l	98
15) Acrylonitrile	5.174	53	263096	710.496	ug/l	99
16) Acetone	3.954	43	222639	663.567	ug/l	95
17) Carbon Disulfide	4.204	76	807363	141.949	ug/l	98
18) Methyl Acetate	4.485	43	111461	146.499	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	625538	154.682	ug/l	98
20) Methylene Chloride	4.729	84	284733	150.282	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	313878	151.579	ug/l	97
22) Diisopropyl ether	6.131	45	745031	149.277	ug/l	96
23) Vinyl Acetate	6.076	43	2252569	759.428	ug/l	99
24) 1,1-Dichloroethane	6.027	63	492623	145.586	ug/l	100
25) 2-Butanone	6.997	43	340341	722.643	ug/l	100
26) 2,2-Dichloropropane	6.997	77	440864	151.419	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	354313	154.055	ug/l	99
28) Bromochloromethane	7.344	49	177286	139.642	ug/l	95
29) Tetrahydrofuran	7.356	42	202112	730.013	ug/l	97
30) Chloroform	7.521	83	521817	146.087	ug/l	100
31) Cyclohexane	7.795	56	436398	142.291	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	474471	150.389	ug/l	98
36) 1,1-Dichloropropene	7.929	75	424840	157.331	ug/l	100
37) Ethyl Acetate	7.088	43	141701	144.116	ug/l #	96
38) Carbon Tetrachloride	7.911	117	431307	160.428	ug/l	99
39) Methylcyclohexane	9.197	83	549663	166.295	ug/l	98
40) Benzene	8.173	78	1234792	156.513	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	73046	152.122	ug/l	96
42) 1,2-Dichloroethane	8.246	62	287368	150.058	ug/l	99
43) Isopropyl Acetate	8.283	43	278844	156.933	ug/l	99
44) Trichloroethene	8.954	130	340334	159.147	ug/l	99
45) 1,2-Dichloropropane	9.228	63	286406	157.046	ug/l	99
46) Dibromomethane	9.313	93	161075	155.393	ug/l	99
47) Bromodichloromethane	9.508	83	399050	156.576	ug/l	97
48) Methyl methacrylate	9.301	41	132806	159.305	ug/l	97
49) 1,4-Dioxane	9.307	88	35580	3281.827	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	744572	777.694	ug/l	98
52) Toluene	10.252	92	815674	165.609	ug/l	98
53) t-1,3-Dichloropropene	10.472	75	393989	166.953	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	467464	161.457	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	223488	156.698	ug/l	97
56) Ethyl methacrylate	10.520	69	280976	148.265	ug/l	98
57) 1,3-Dichloropropane	10.801	76	365985	155.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	743647	872.647	ug/l	98
59) 2-Hexanone	10.837	43	522828	792.822	ug/l	96
60) Dibromochloromethane	10.996	129	277942	163.939	ug/l	99
61) 1,2-Dibromoethane	11.099	107	212170	159.010	ug/l	99
64) Tetrachloroethene	10.728	164	307061	157.152	ug/l	98
65) Chlorobenzene	11.526	112	823458	156.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	323331	165.081	ug/l	99
67) Ethyl Benzene	11.599	91	1595190	169.577	ug/l	96
68) m/p-Xylenes	11.709	106	1254875	339.345	ug/l	99
69) o-Xylene	12.038	106	588134	173.363	ug/l	98
70) Styrene	12.051	104	981135	176.085	ug/l	99
71) Bromoform	12.215	173	167893	164.754	ug/l #	98
73) Isopropylbenzene	12.337	105	1486238	163.143	ug/l	99
74) N-amyl acetate	12.148	43	251894	158.799	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	241210	148.145	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	298825	260.610	ug/l #	100
77) Bromobenzene	12.617	156	339092	158.707	ug/l	97
78) n-propylbenzene	12.678	91	1754805	159.250	ug/l	99
79) 2-Chlorotoluene	12.764	91	955891	157.545	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	1190736	163.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	78762	160.589	ug/l	96
82) 4-Chlorotoluene	12.861	91	991982	158.435	ug/l	99
83) tert-Butylbenzene	13.081	119	1037160	162.999	ug/l	98
84) 1,2,4-Trimethylbenzene	13.124	105	1189575	164.786	ug/l	100
85) sec-Butylbenzene	13.258	105	1542159	157.797	ug/l	99
86) p-Isopropyltoluene	13.373	119	1343708	166.931	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	699539	162.124	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	644543	154.707	ug/l	98
89) n-Butylbenzene	13.703	91	1168826	159.655	ug/l	99
90) Hexachloroethane	13.965	117	241726	153.256	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	562319	154.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30139	146.447	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	305838	161.051	ug/l	99
94) Hexachlorobutadiene	15.117	225	168723	146.084	ug/l	99
95) Naphthalene	15.239	128	545775	147.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	251833	157.739	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Feb 20 05:58:22 2024
Response via : Initial Calibration

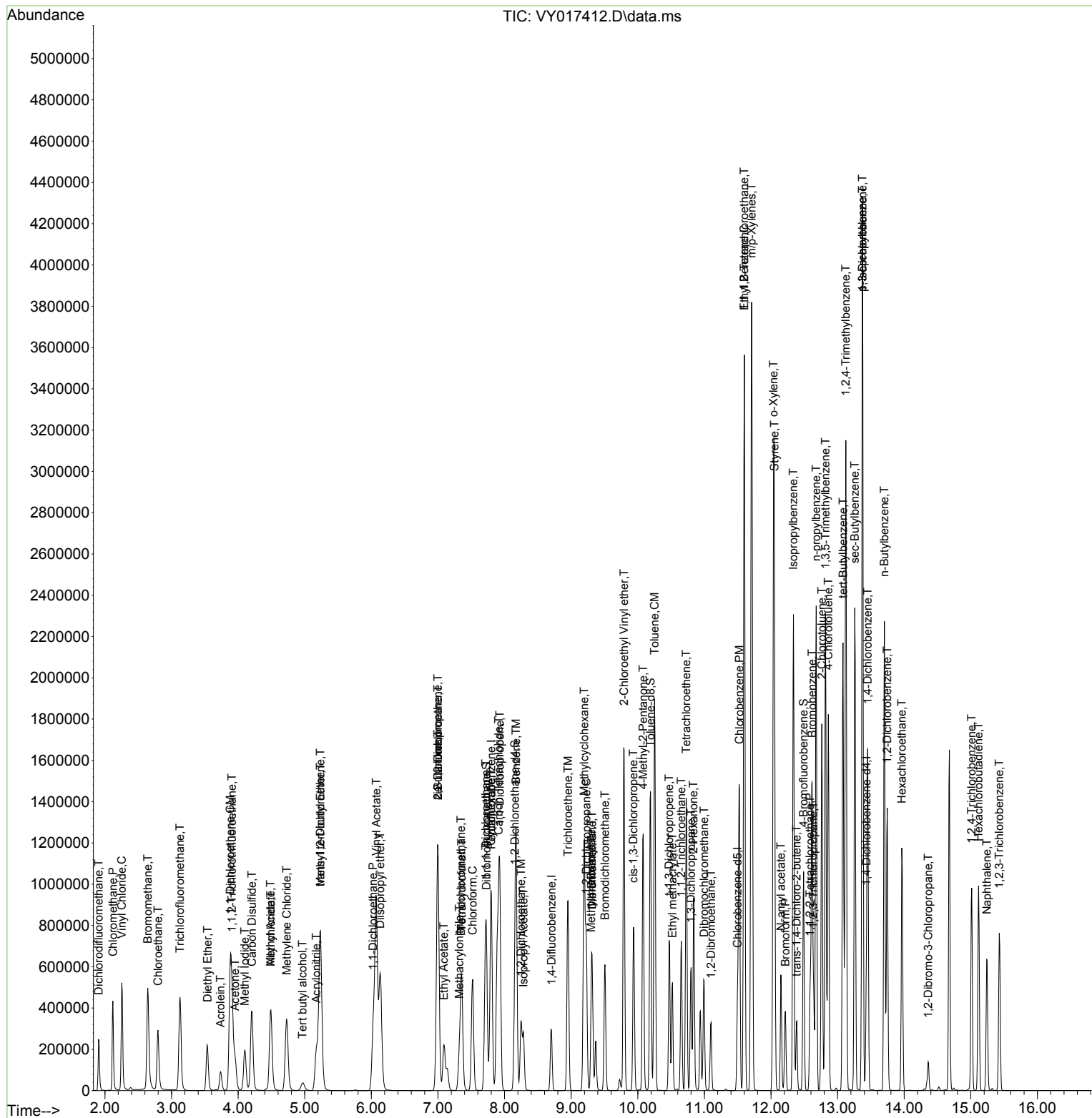
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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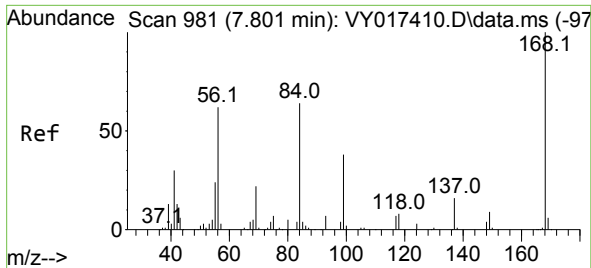
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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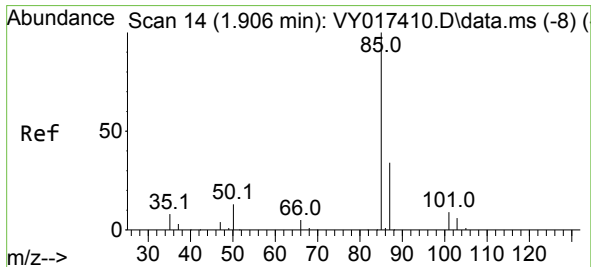
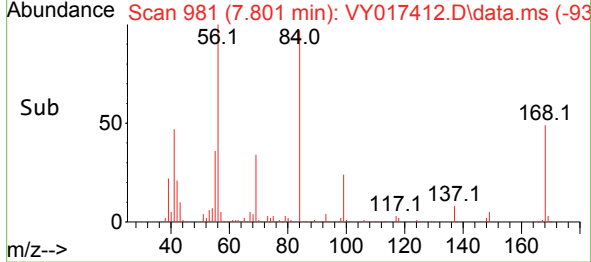
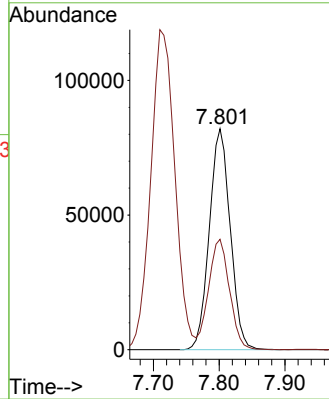
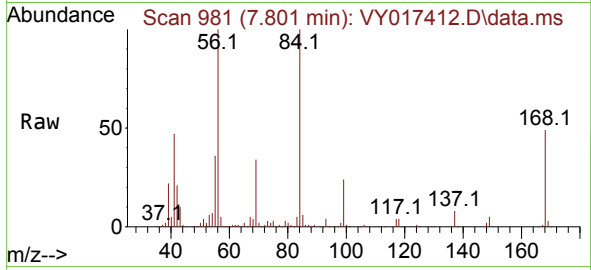




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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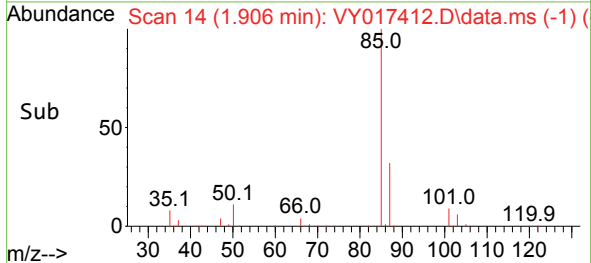
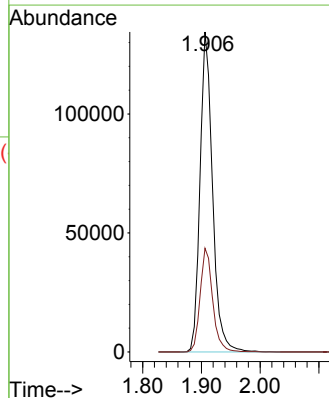
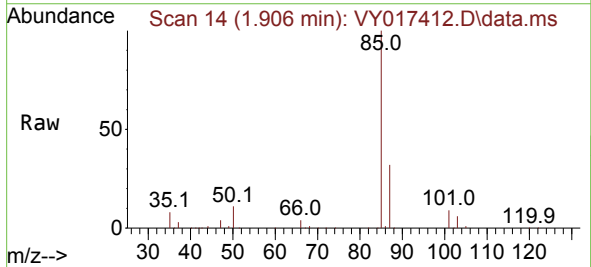
Instrument :
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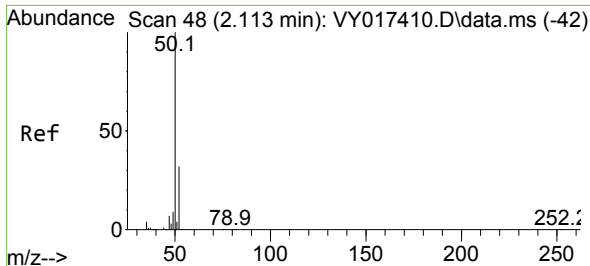
Tgt Ion:168 Resp: 181348
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 137.090 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 85 Resp: 198243
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

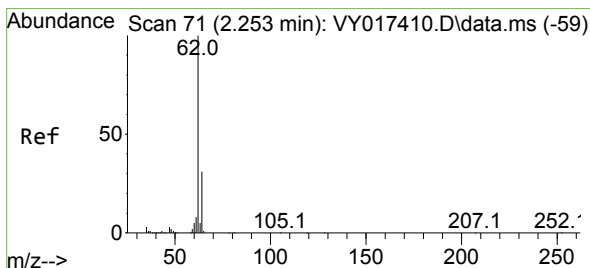
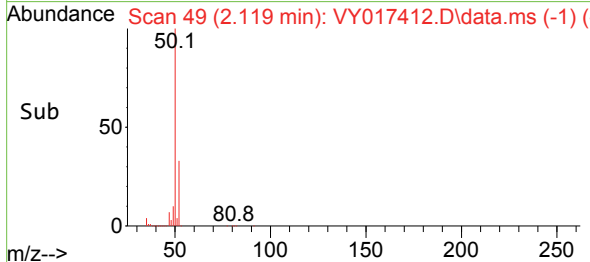
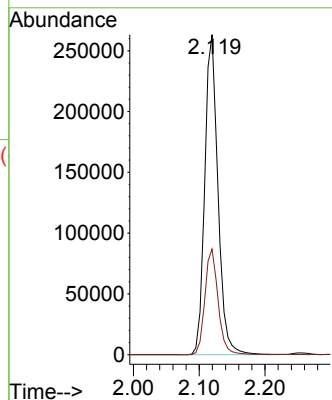
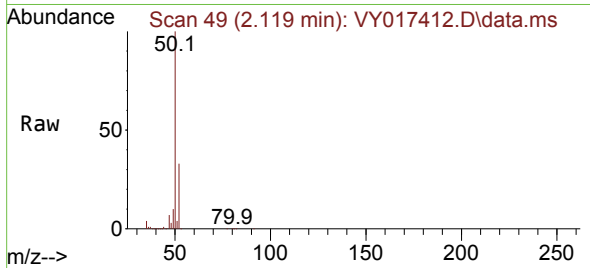




#3
Chloromethane
Concen: 124.683 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

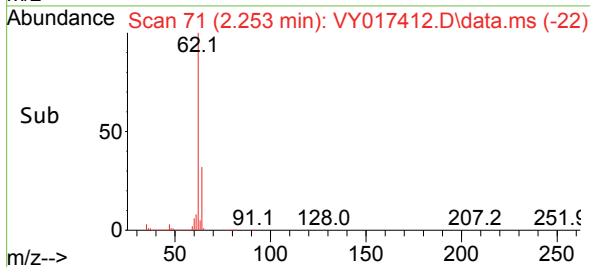
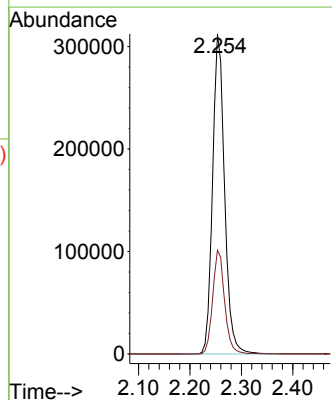
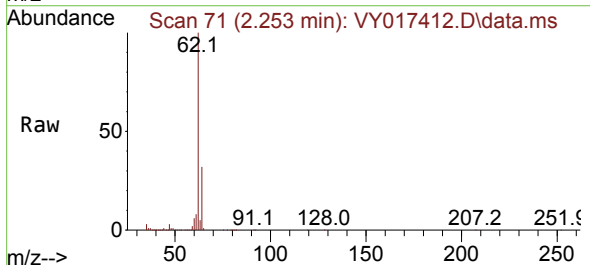
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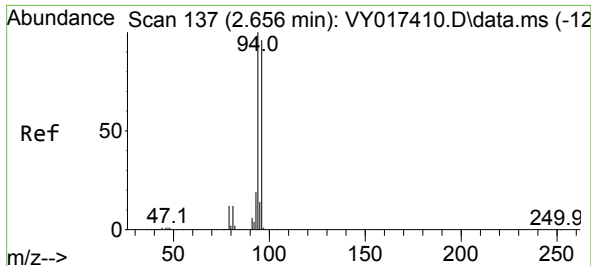
Tgt Ion: 50 Resp: 367970
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 131.826 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 62 Resp: 506535
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

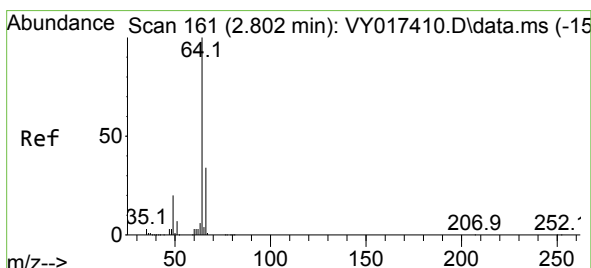
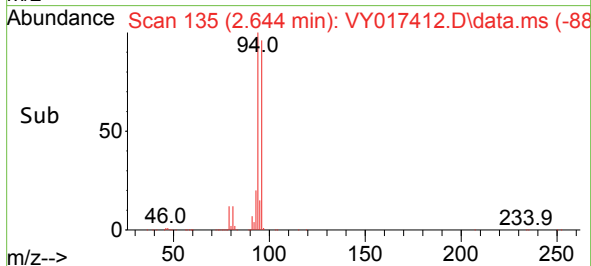
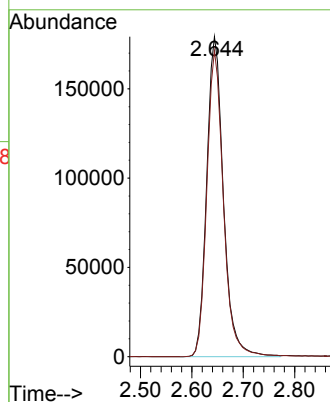
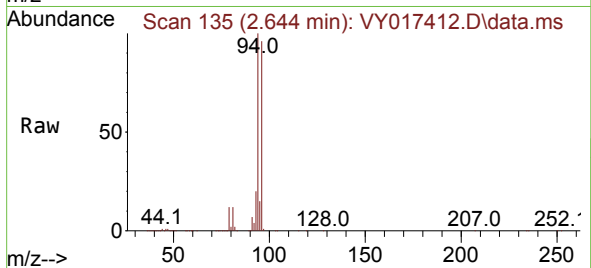




#5
Bromomethane
Concen: 149.518 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017412.D
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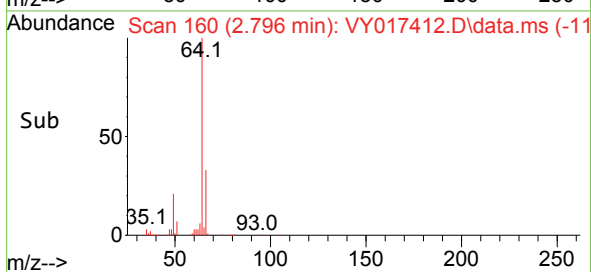
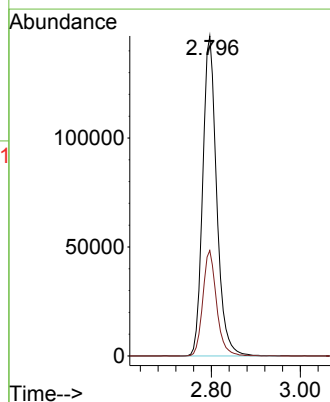
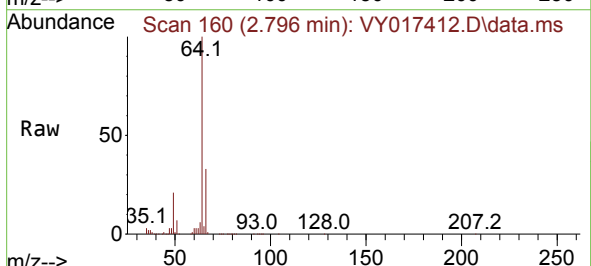
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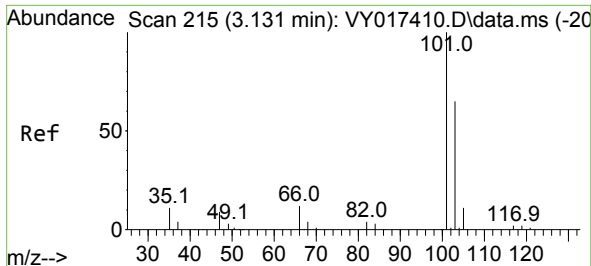
Tgt Ion: 94 Resp: 404598
Ion Ratio Lower Upper
94 100
96 95.7 74.1 111.1



#6
Chloroethane
Concen: 131.357 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017412.D
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Tgt Ion: 64 Resp: 321530
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

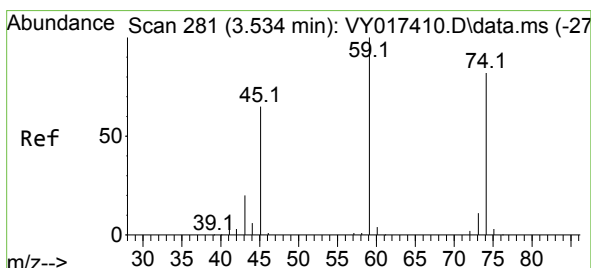
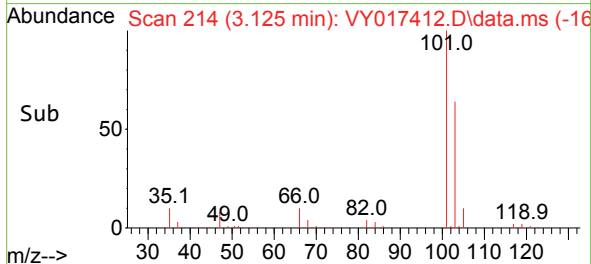
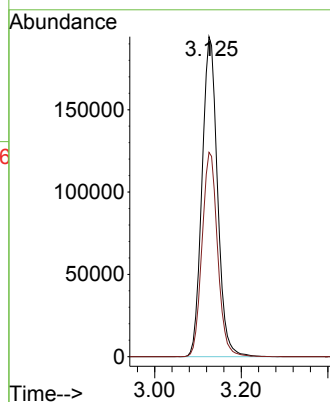
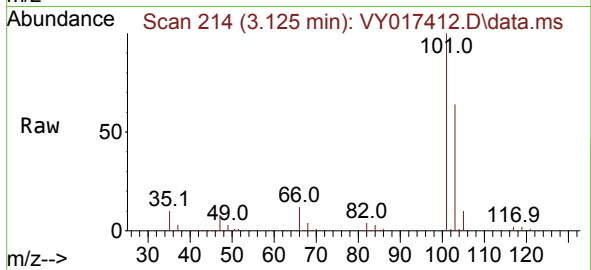




#7
Trichlorofluoromethane
Concen: 146.122 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

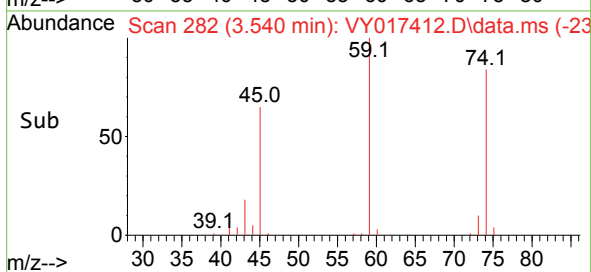
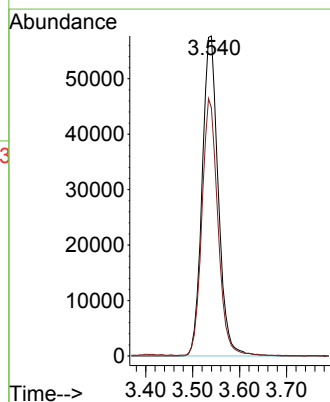
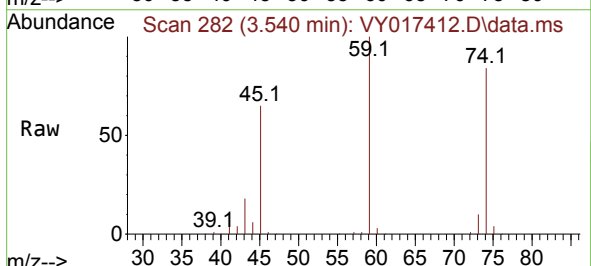
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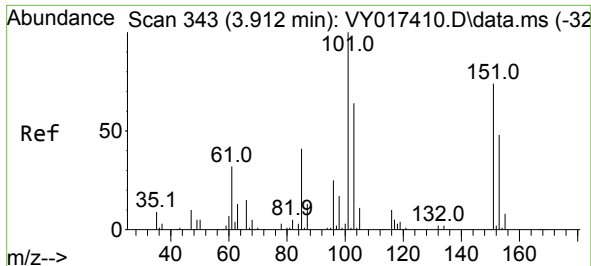
Tgt Ion:101 Resp: 481527
Ion Ratio Lower Upper
101 100
103 63.8 49.3 73.9



#8
Diethyl Ether
Concen: 147.184 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 74 Resp: 137088
Ion Ratio Lower Upper
74 100
45 79.6 41.3 124.1

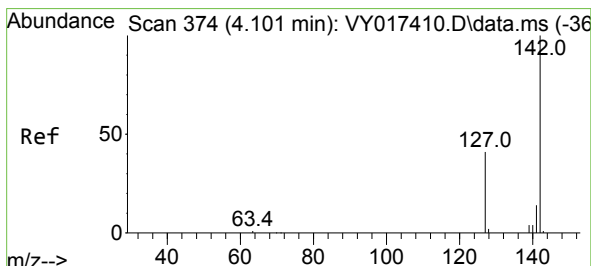
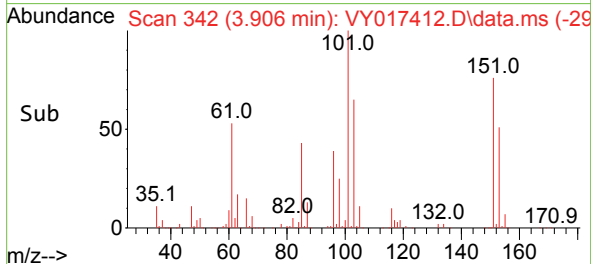
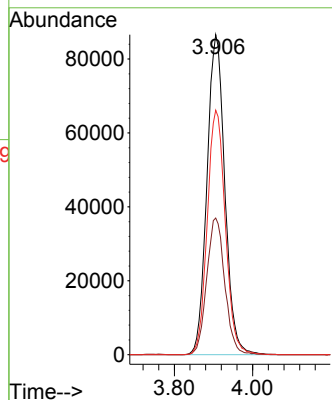
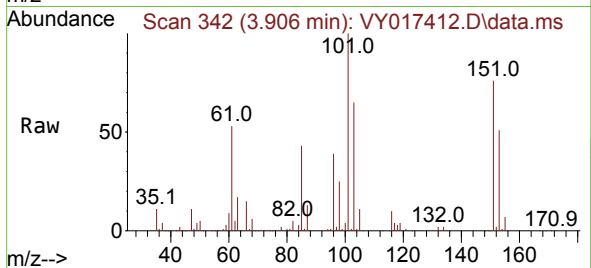




#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.544 ug/l
RT: 3.906 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

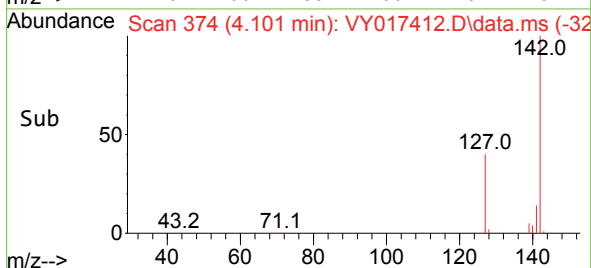
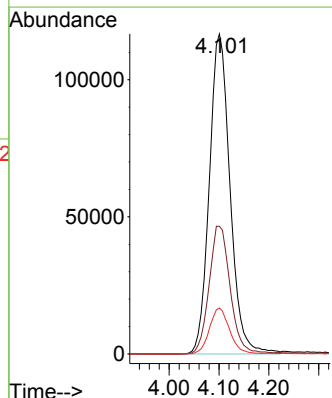
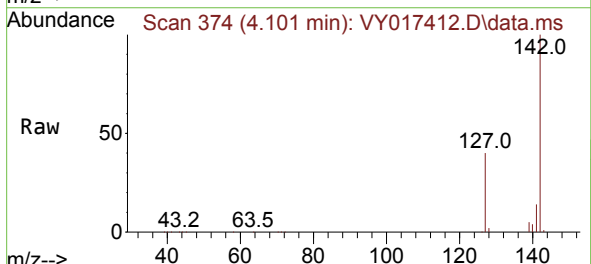
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

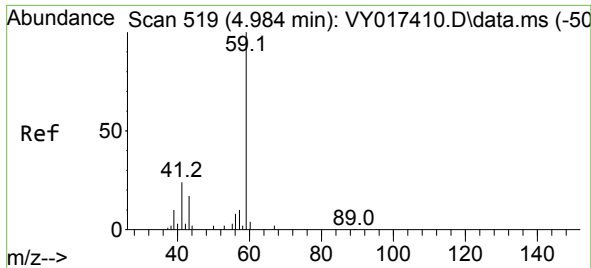
Tgt Ion:101 Resp: 273413
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 77.3 61.7 92.5



#10
Methyl Iodide
Concen: 166.210 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion:142 Resp: 336915
Ion Ratio Lower Upper
142 100
127 40.7 32.8 49.2
141 14.0 11.4 17.2

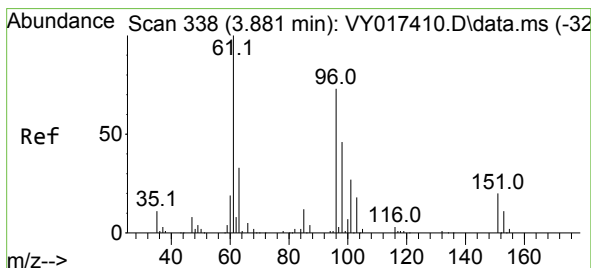
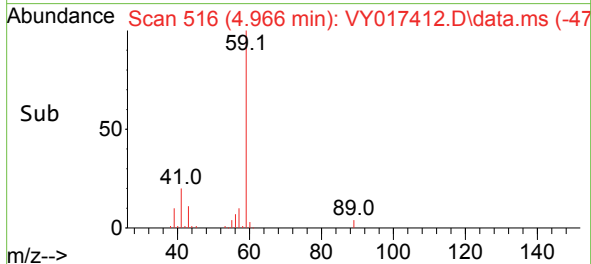
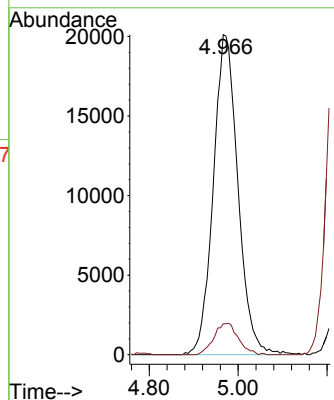
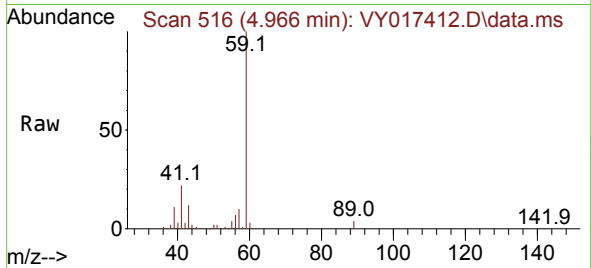




#11
Tert butyl alcohol
Concen: 640.655 ug/l
RT: 4.966 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

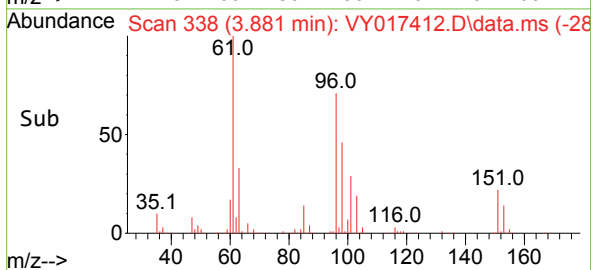
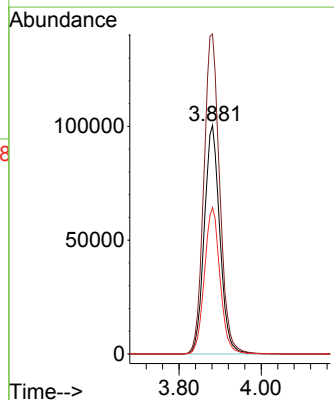
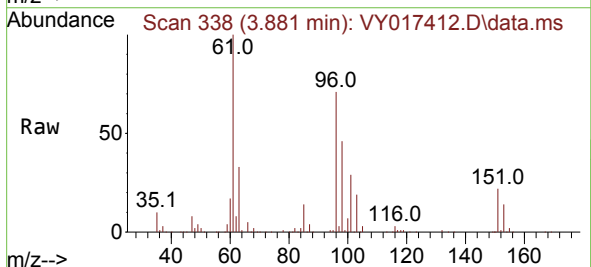
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

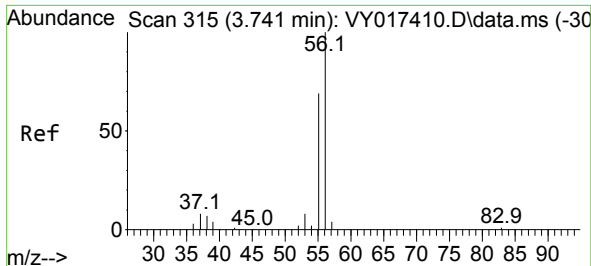
Tgt Ion: 59 Resp: 77173
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 147.165 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 96 Resp: 263472
Ion Ratio Lower Upper
96 100
61 140.0 114.6 171.8
98 64.0 50.8 76.2





#13

Acrolein

Concen: 698.654 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

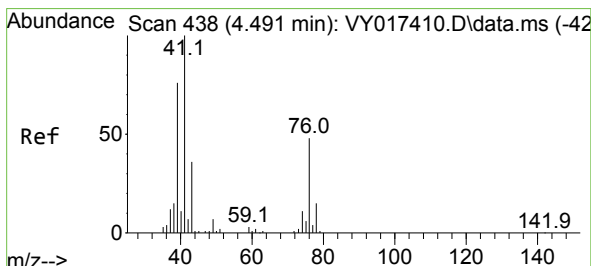
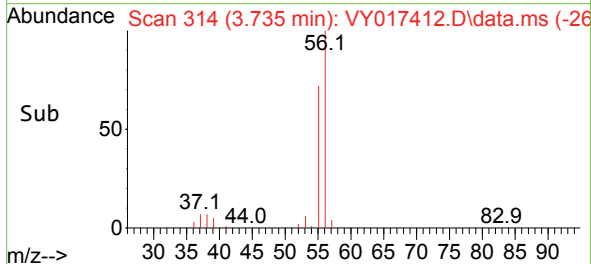
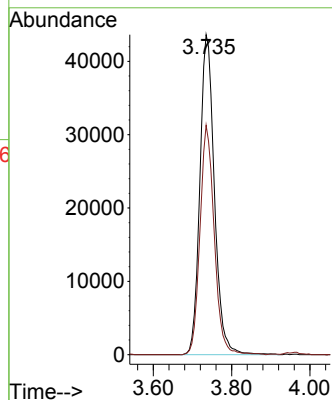
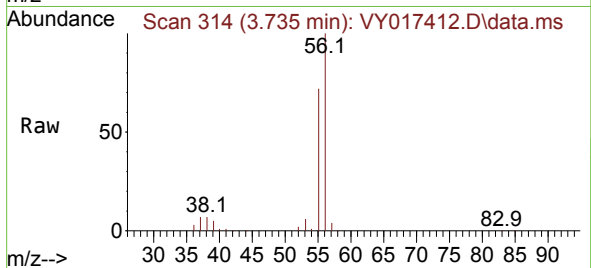
VSTDIC150

Tgt Ion: 56 Resp: 112622

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 148.146 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

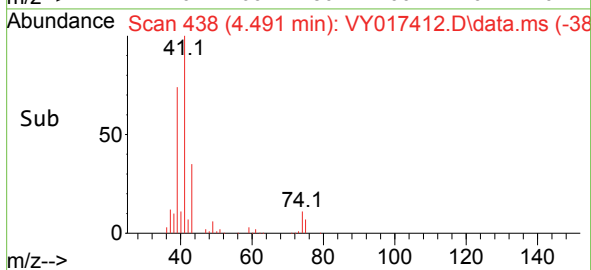
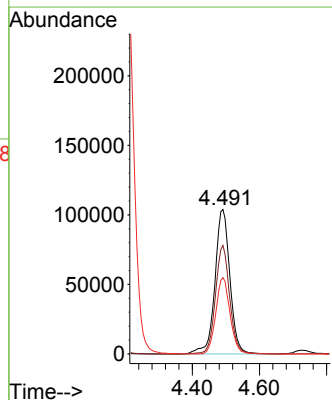
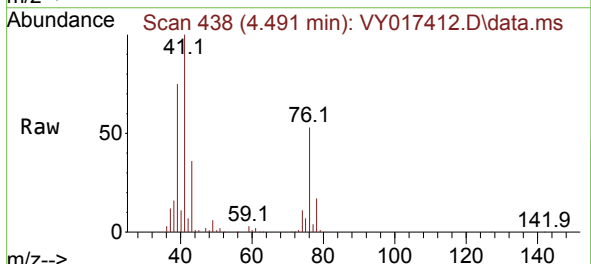
Tgt Ion: 41 Resp: 321476

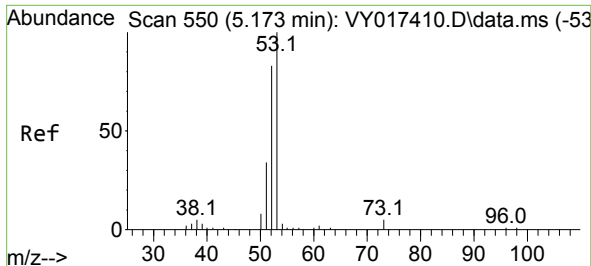
Ion Ratio Lower Upper

41 100

39 71.4 58.3 87.5

76 50.2 39.0 58.6

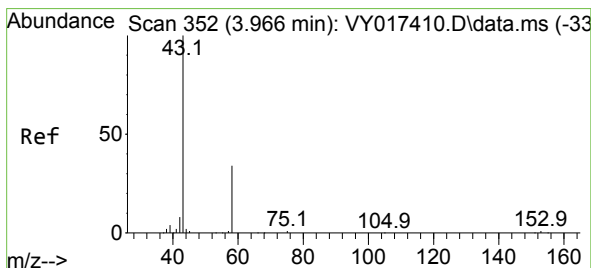
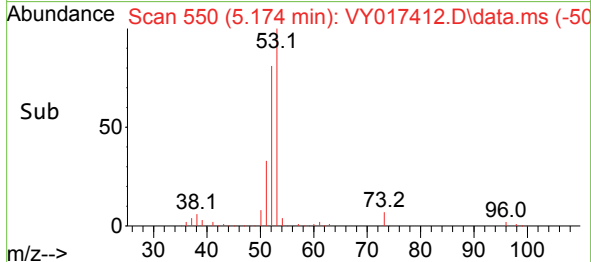
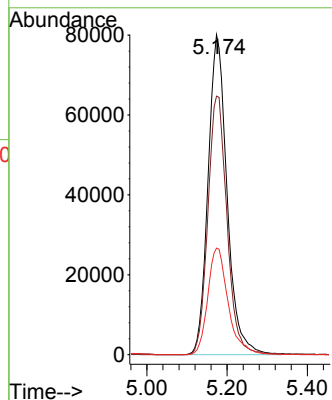
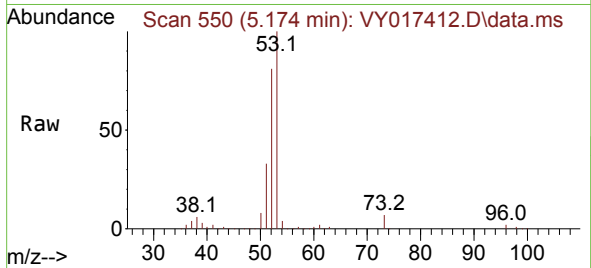




#15
Acrylonitrile
Concen: 710.496 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

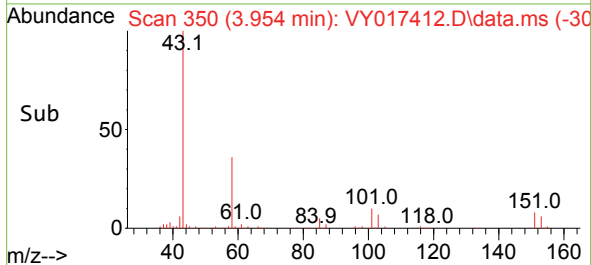
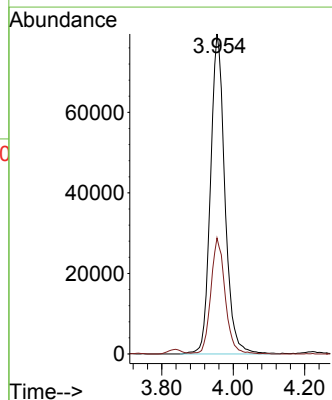
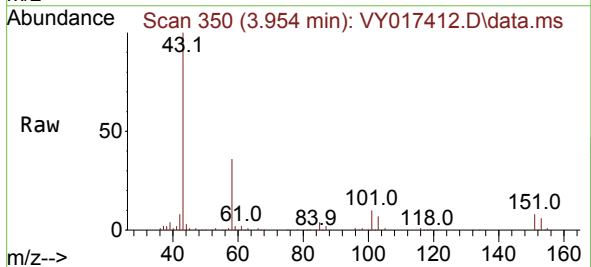
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

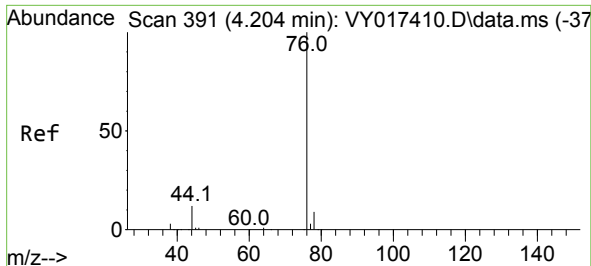
Tgt Ion: 53 Resp: 263096
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 35.9 28.4 42.6



#16
Acetone
Concen: 663.567 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 43 Resp: 222639
Ion Ratio Lower Upper
43 100
58 36.2 31.7 47.5

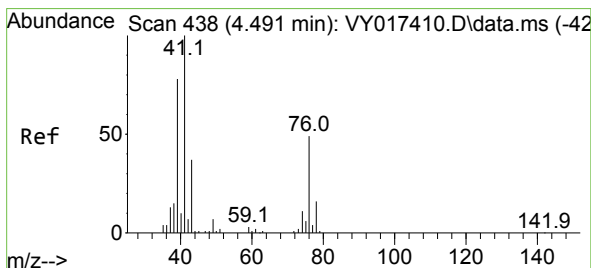
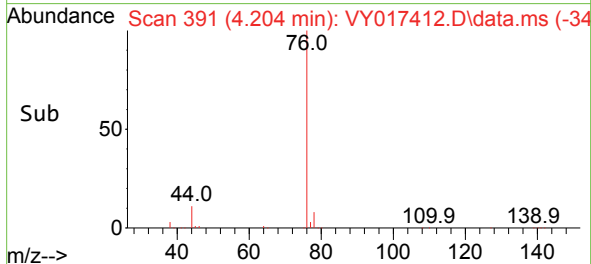
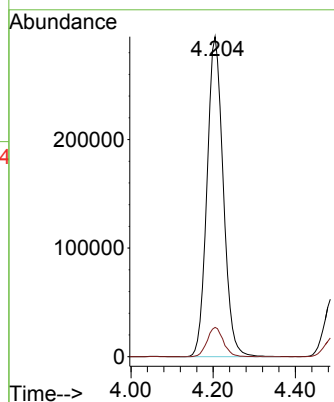
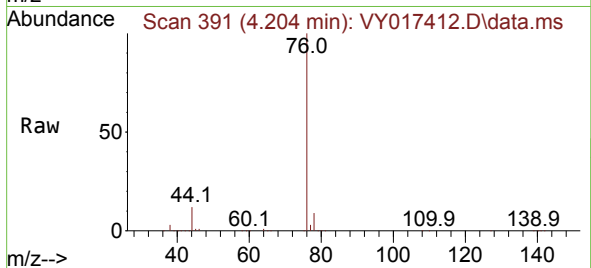




#17
Carbon Disulfide
Concen: 141.949 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

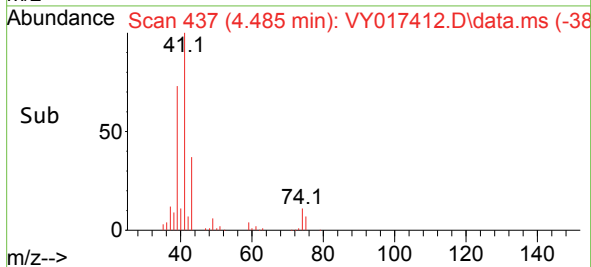
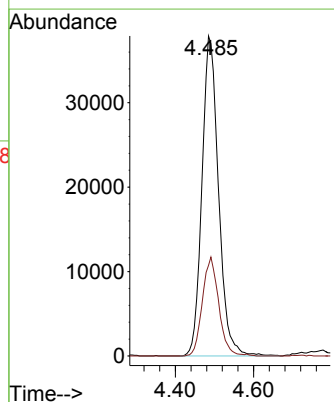
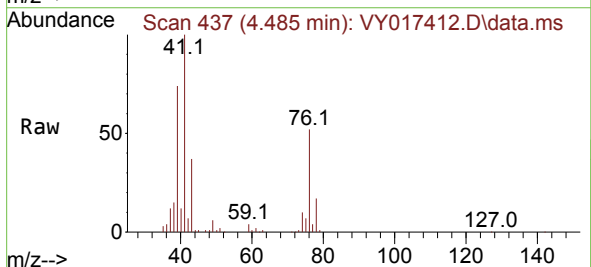
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

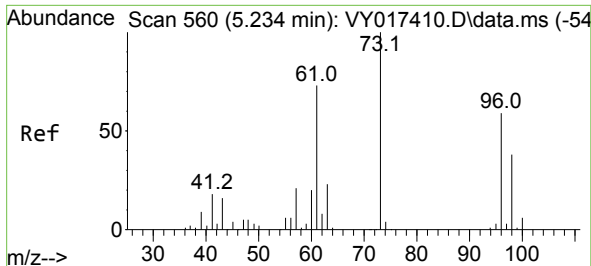
Tgt Ion: 76 Resp: 807363
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 146.499 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 43 Resp: 111461
Ion Ratio Lower Upper
43 100
74 30.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 154.682 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

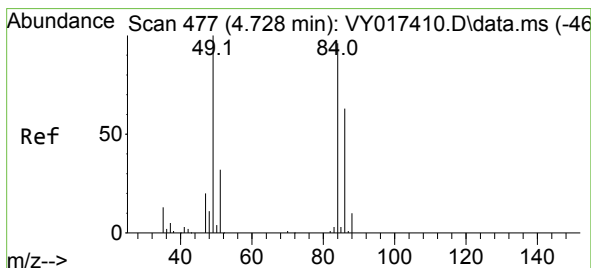
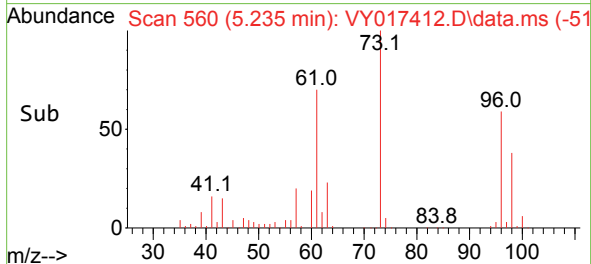
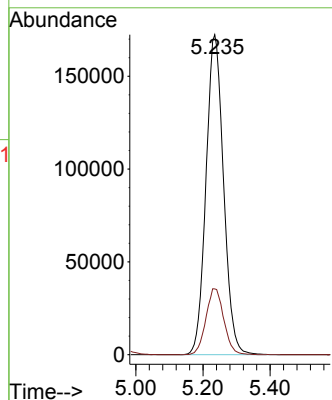
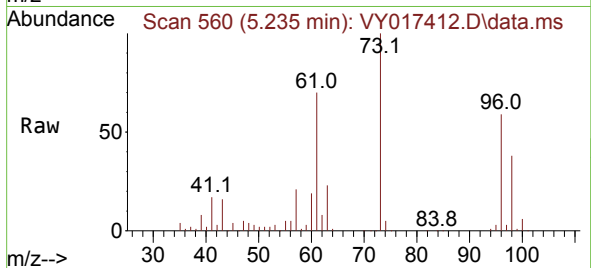
VSTDIC150

Tgt Ion: 73 Resp: 625538

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 150.282 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Tgt Ion: 84 Resp: 284733

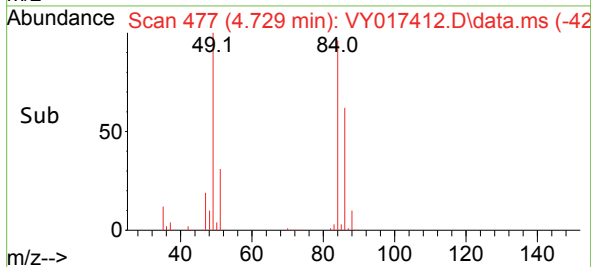
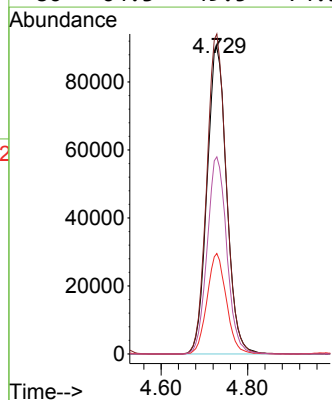
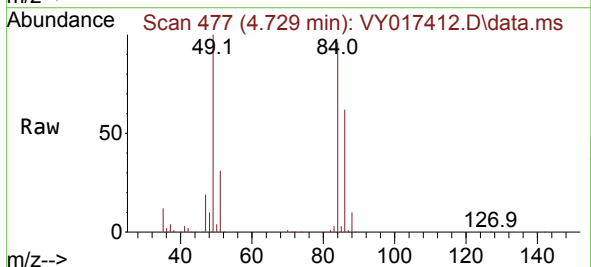
Ion Ratio Lower Upper

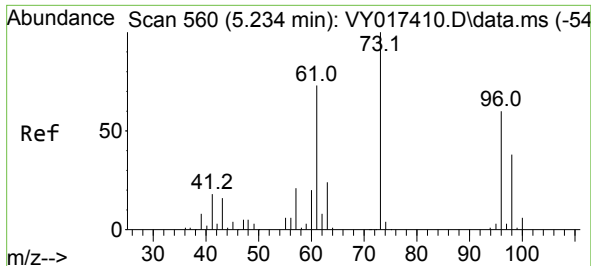
84 100

49 104.4 84.4 126.6

51 32.8 26.0 39.0

86 64.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 151.579 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

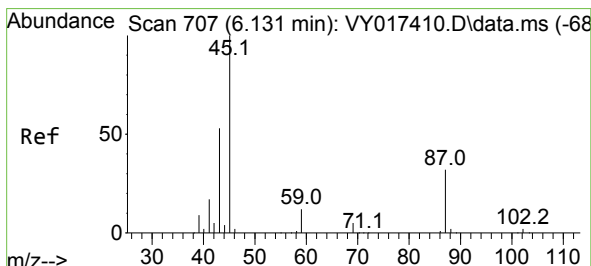
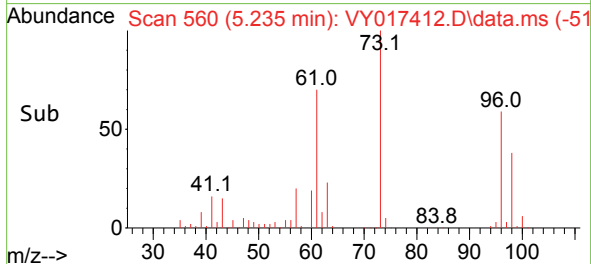
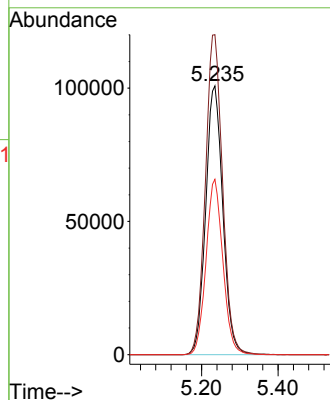
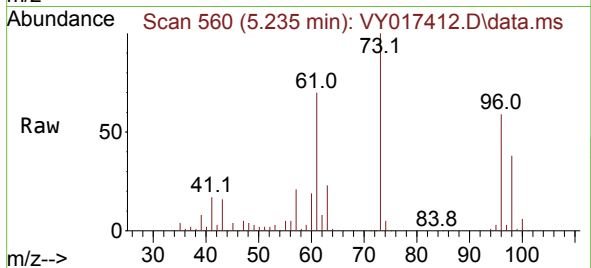
Tgt Ion: 96 Resp: 313878

Ion Ratio Lower Upper

96 100

61 119.0 97.5 146.3

98 65.3 50.5 75.7



#22

Diisopropyl ether

Concen: 149.277 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Tgt Ion: 45 Resp: 745031

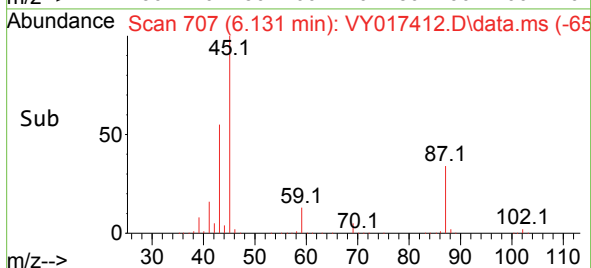
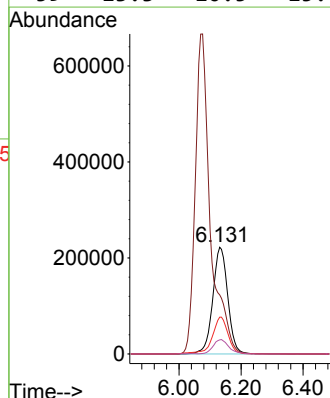
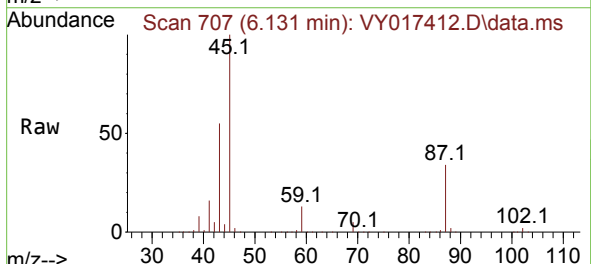
Ion Ratio Lower Upper

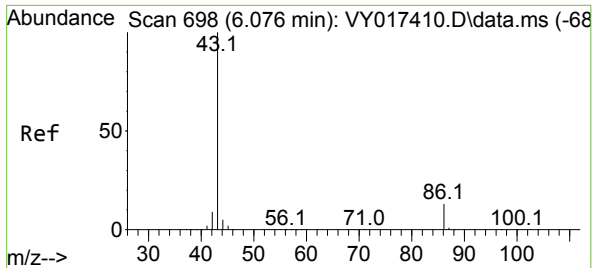
45 100

43 55.3 42.2 63.2

87 34.5 25.0 37.6

59 13.3 10.5 15.7

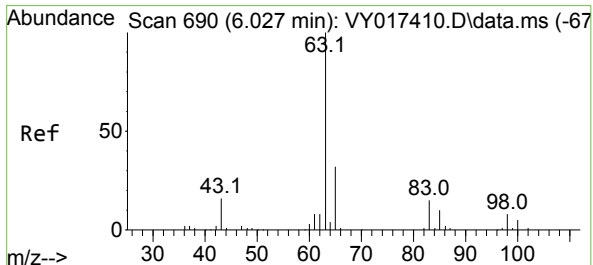
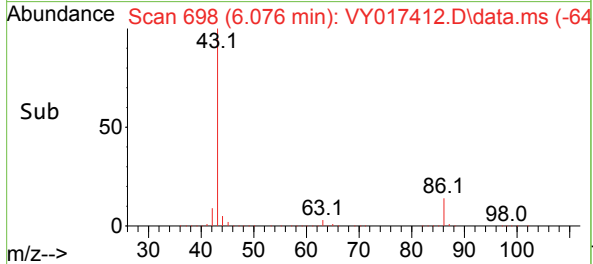
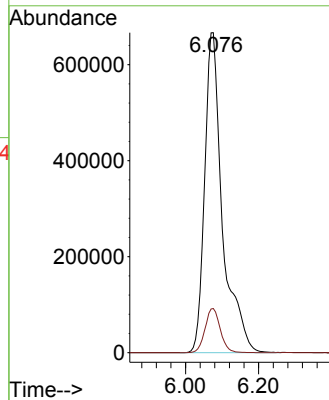
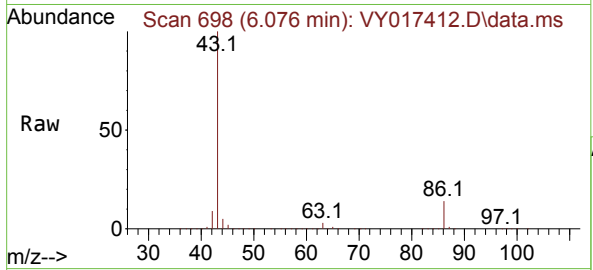




#23
 Vinyl Acetate
 Concen: 759.428 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

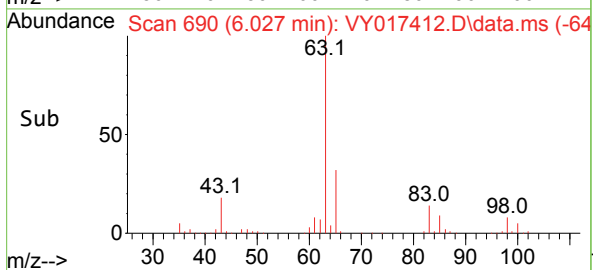
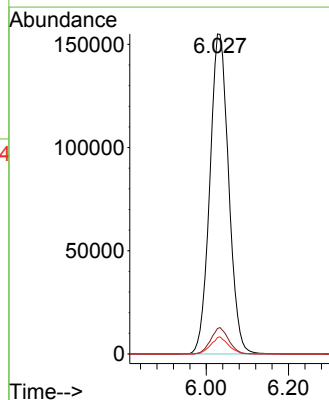
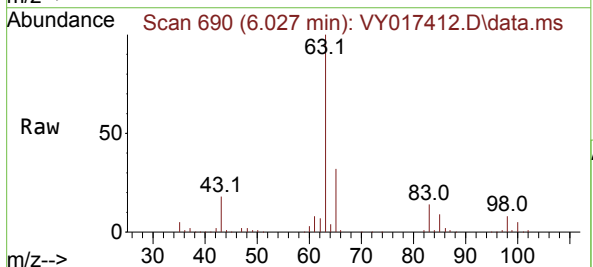
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

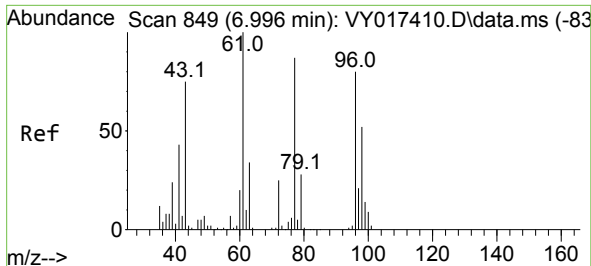
Tgt Ion: 43 Resp: 2252569
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 145.586 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Tgt Ion: 63 Resp: 492623
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 722.643 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

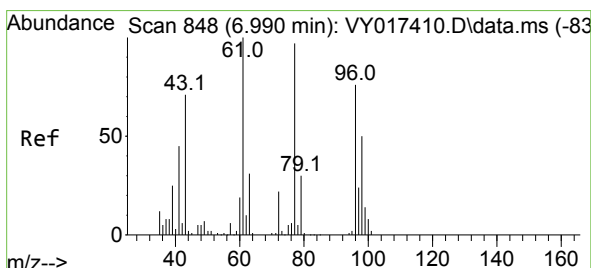
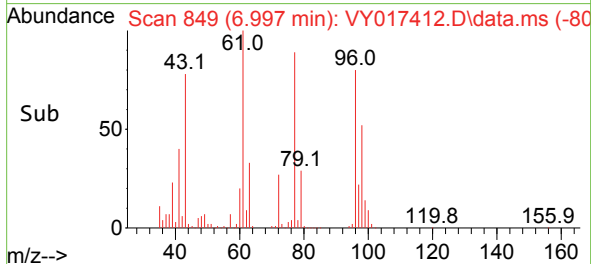
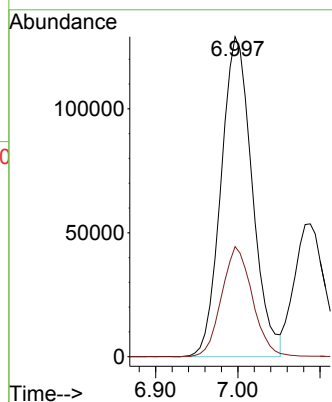
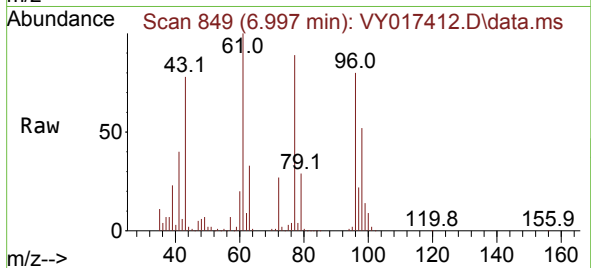
VSTDIC150

Tgt Ion: 43 Resp: 340341

Ion Ratio Lower Upper

43 100

72 34.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 151.419 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017412.D

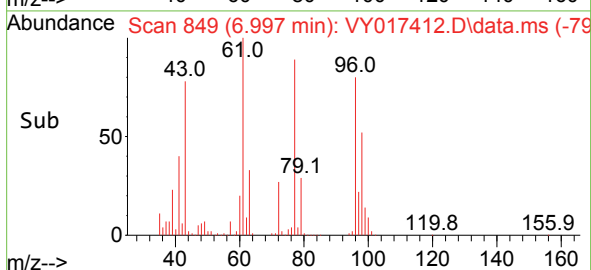
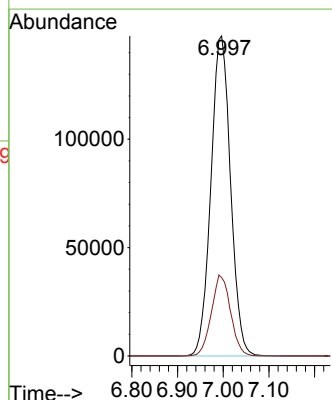
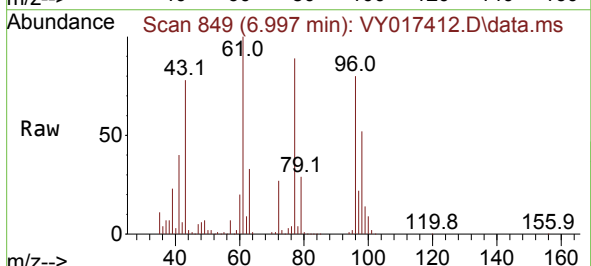
Acq: 19 Feb 2024 18:35

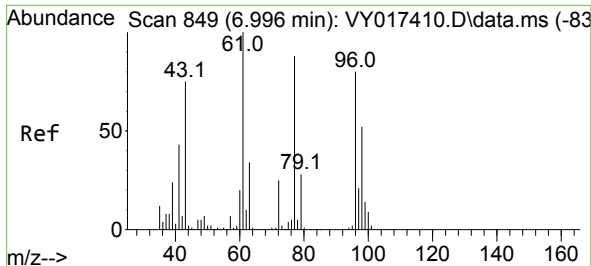
Tgt Ion: 77 Resp: 440864

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1



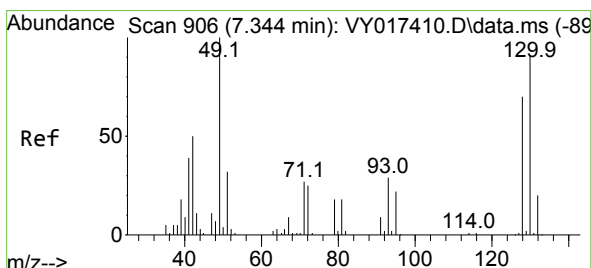
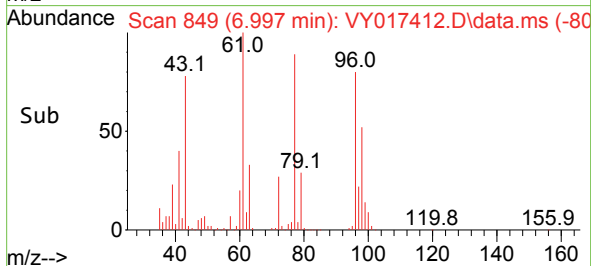
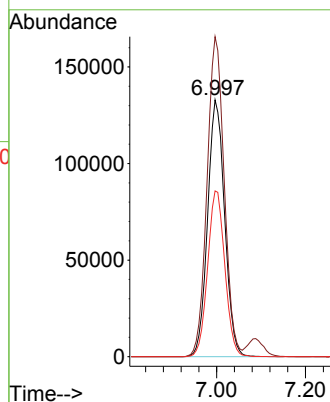
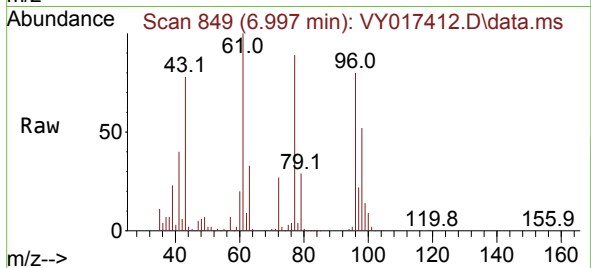


#27
 cis-1,2-Dichloroethene
 Concen: 154.055 ug/l
 RT: 6.997 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 354313

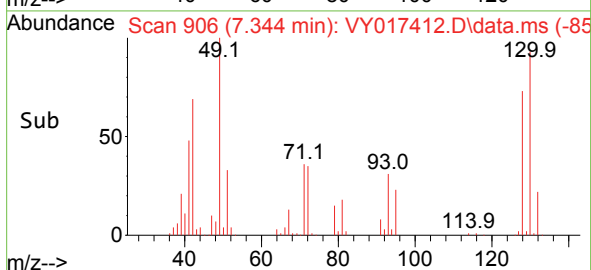
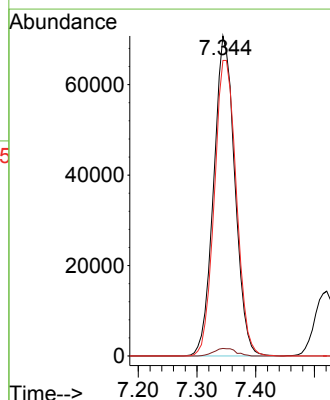
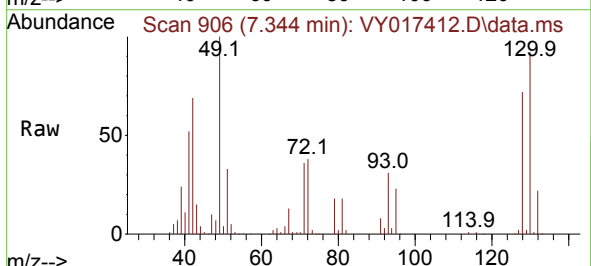
Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	256.2
98	65.2	0.0	130.0

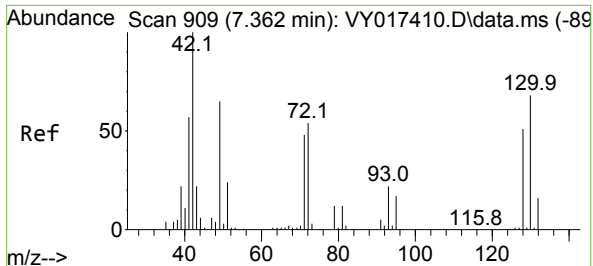


#28
 Bromochloromethane
 Concen: 139.642 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Tgt Ion: 49 Resp: 177286

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	95.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 730.013 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

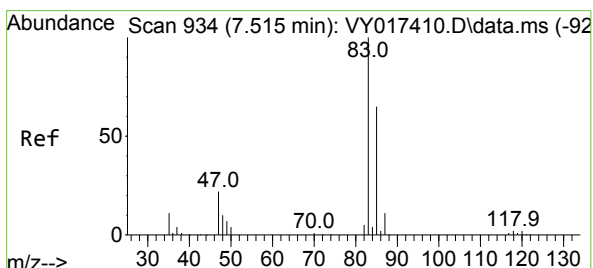
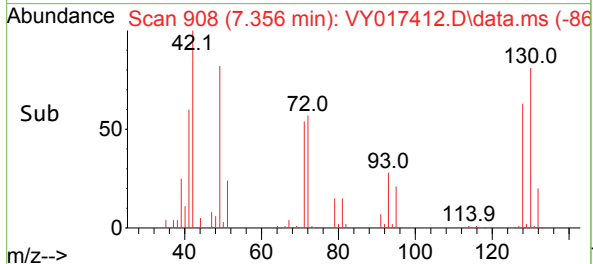
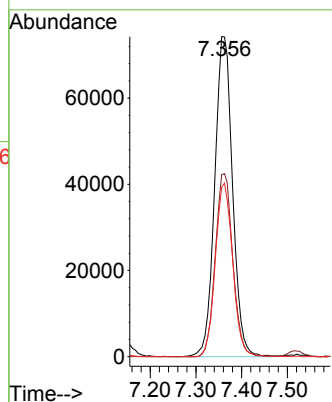
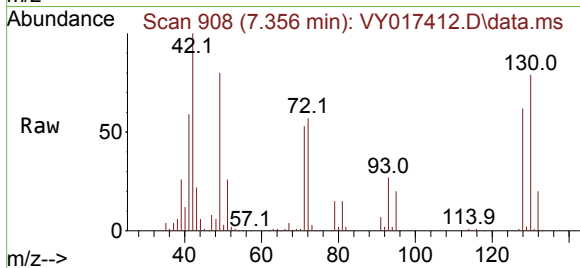
Tgt Ion: 42 Resp: 202112

Ion Ratio Lower Upper

42 100

72 56.0 43.0 64.4

71 52.7 40.8 61.2



#30

Chloroform

Concen: 146.087 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017412.D

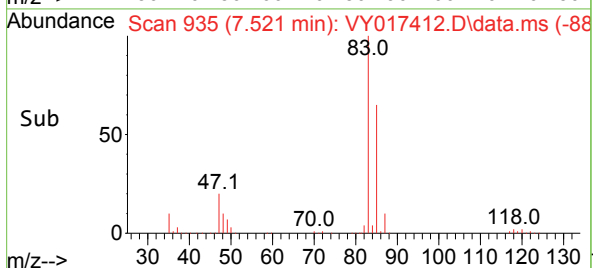
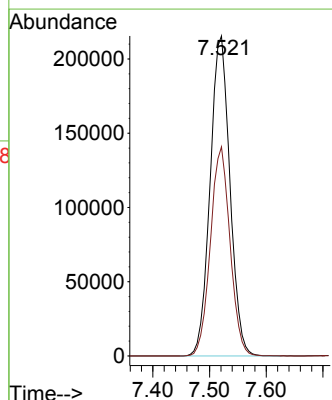
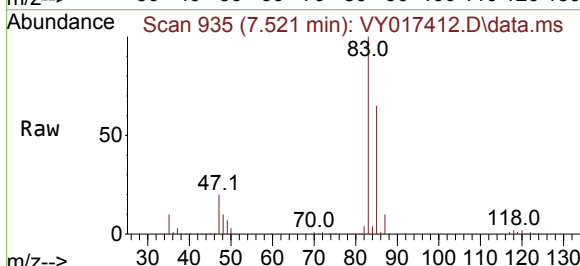
Acq: 19 Feb 2024 18:35

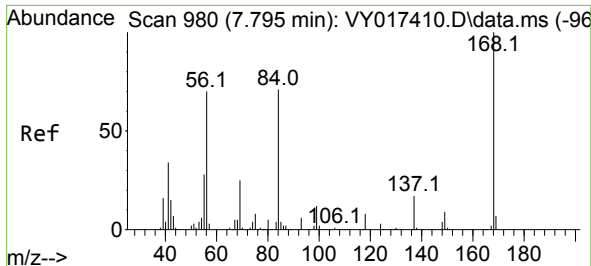
Tgt Ion: 83 Resp: 521817

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

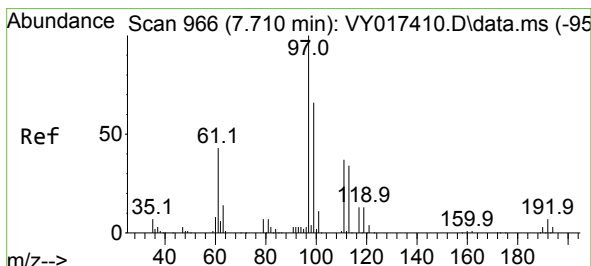
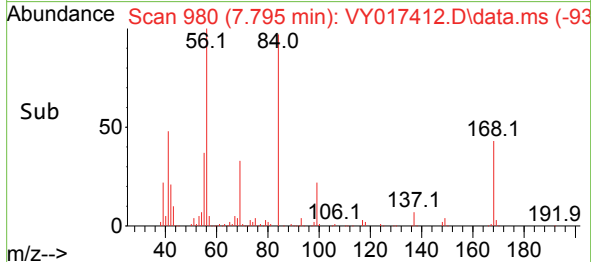
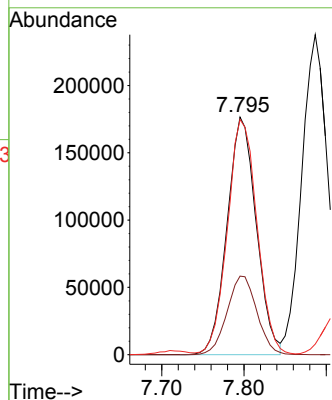
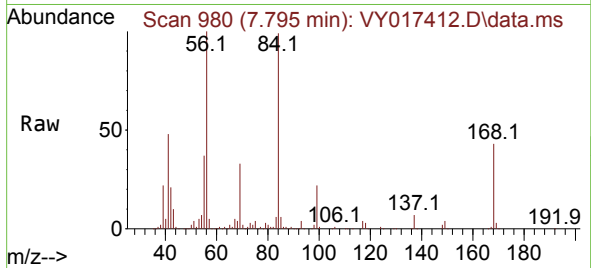




#31
Cyclohexane
Concen: 142.291 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

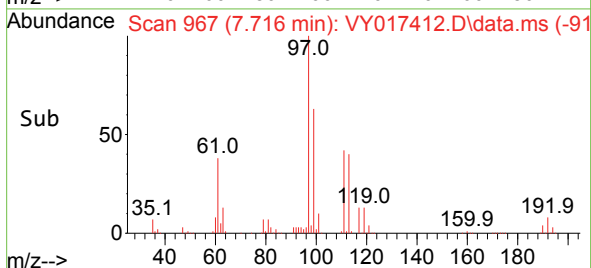
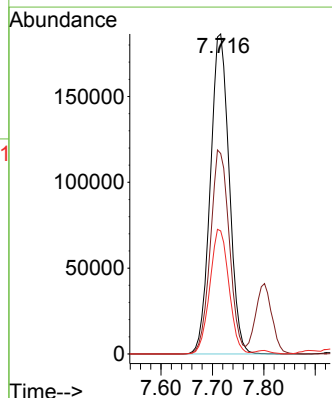
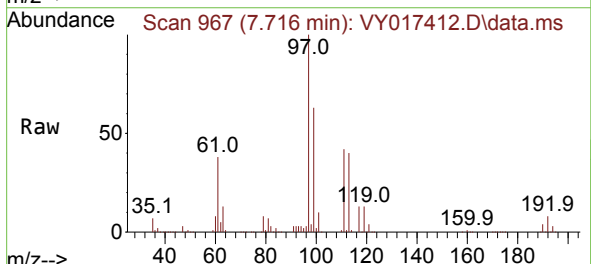
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

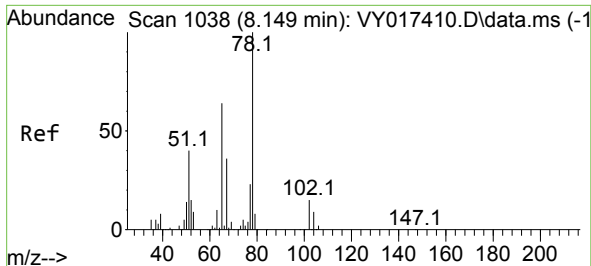
Tgt Ion: 56 Resp: 436398
Ion Ratio Lower Upper
56 100
69 33.1 28.7 43.1
84 97.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 150.389 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 97 Resp: 474471
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 39.4 32.6 48.8

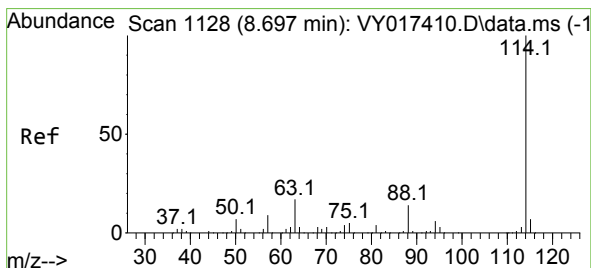
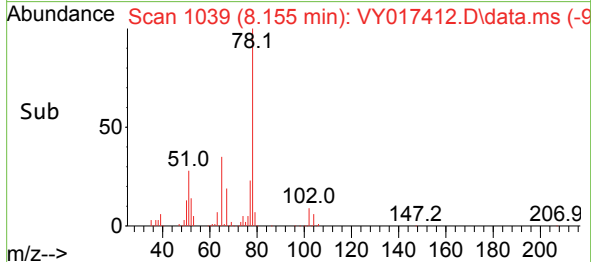
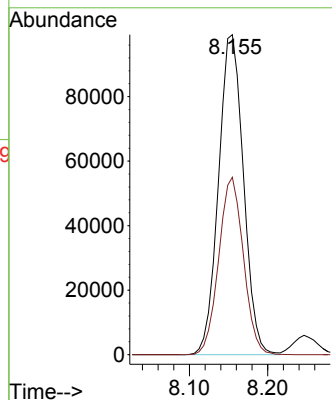
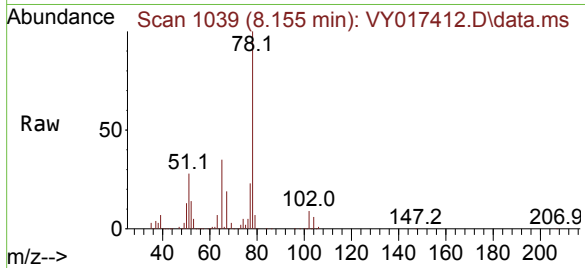




#33
 1,2-Dichloroethane-d4
 Concen: 141.837 ug/l
 RT: 8.155 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

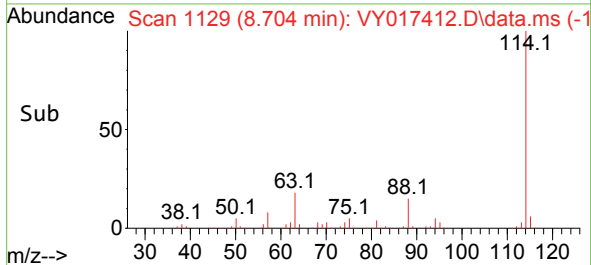
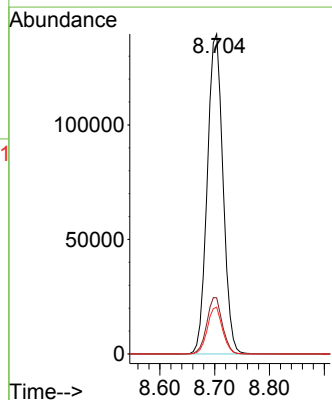
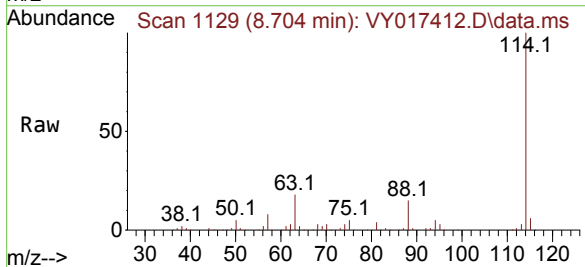
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

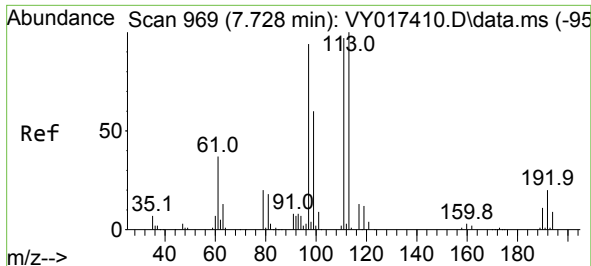
Tgt Ion: 65 Resp: 219738
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Tgt Ion:114 Resp: 276206
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 14.6 0.0 27.2

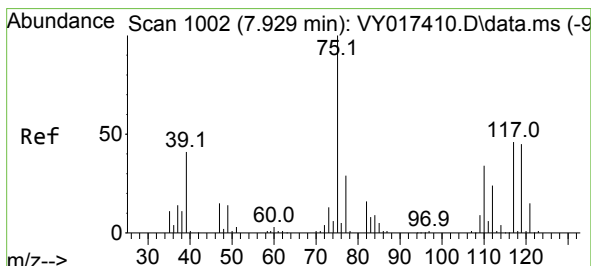
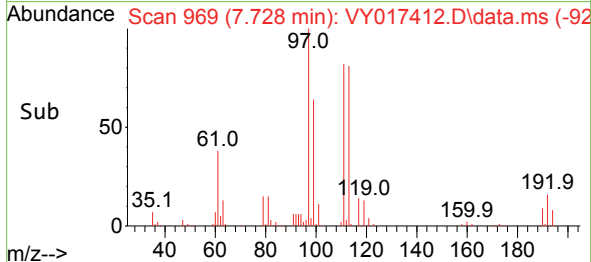
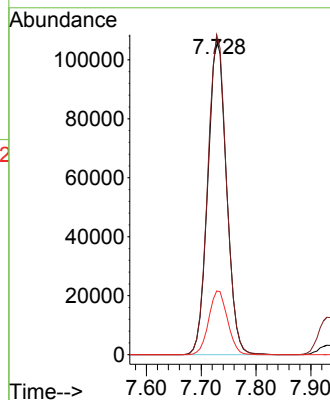
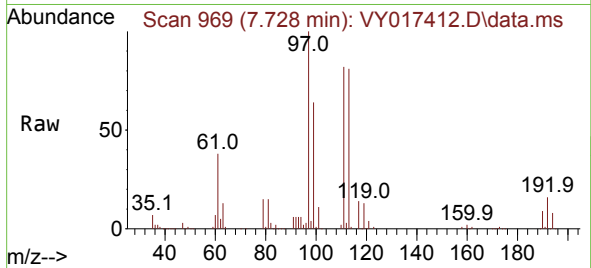




#35
Dibromofluoromethane
Concen: 155.748 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

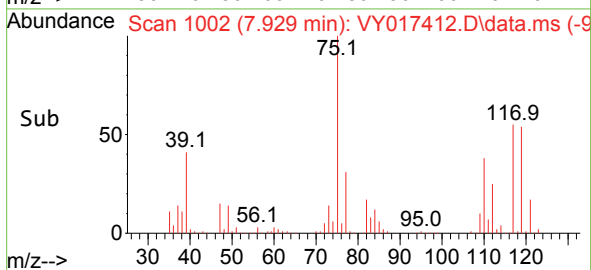
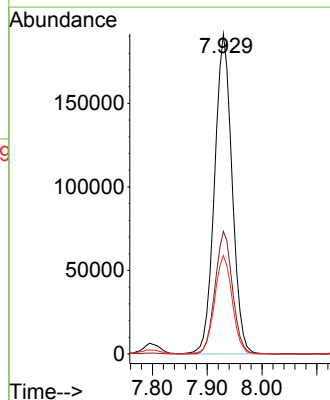
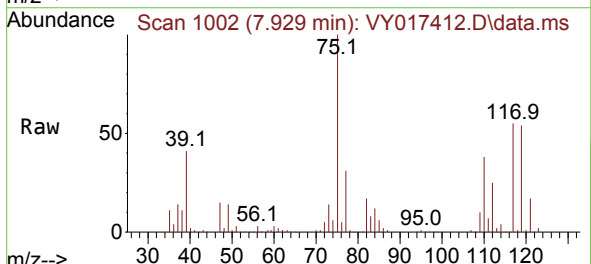
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

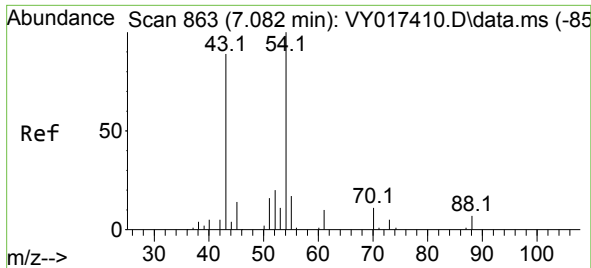
Tgt Ion:113 Resp: 251814
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 157.331 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 75 Resp: 424840
Ion Ratio Lower Upper
75 100
110 38.0 19.0 57.0
77 31.1 25.3 37.9

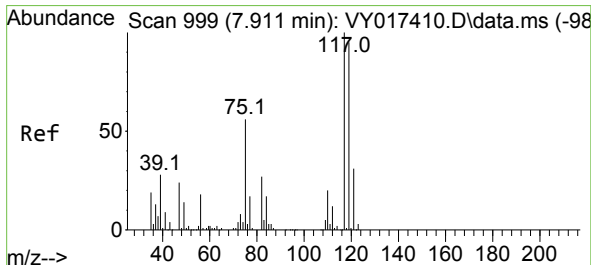
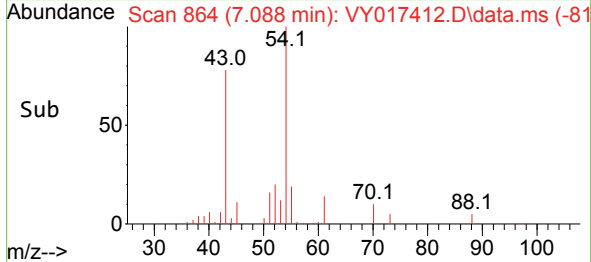
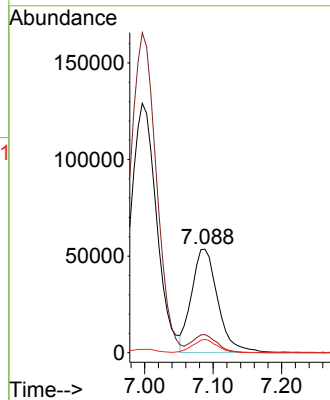
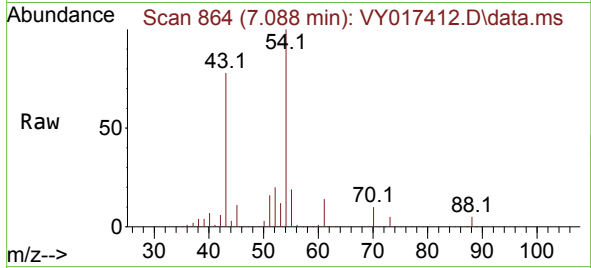




#37
Ethyl Acetate
Concen: 144.116 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

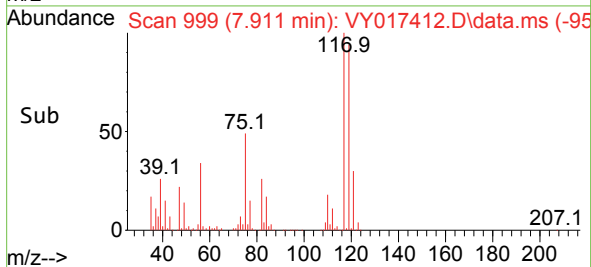
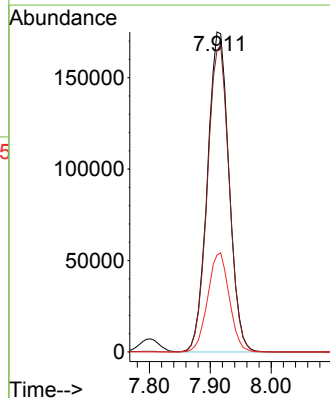
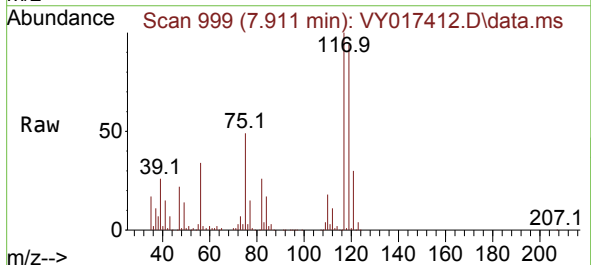
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

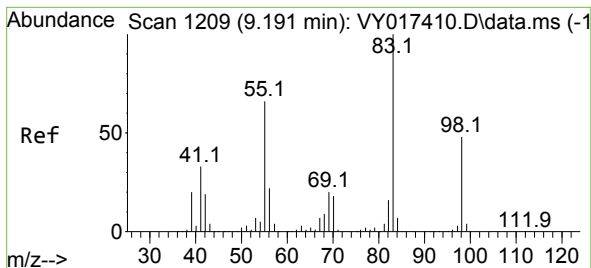
Tgt Ion: 43 Resp: 141701
Ion Ratio Lower Upper
43 100
61 16.7 12.6 19.0
70 12.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 160.428 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 117 Resp: 431307
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 166.295 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

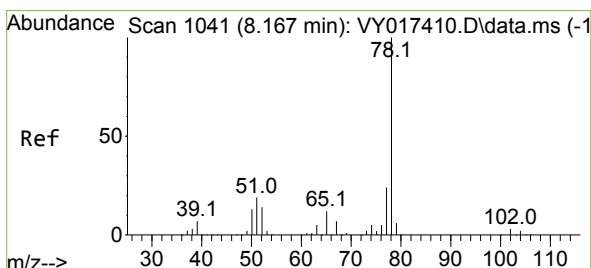
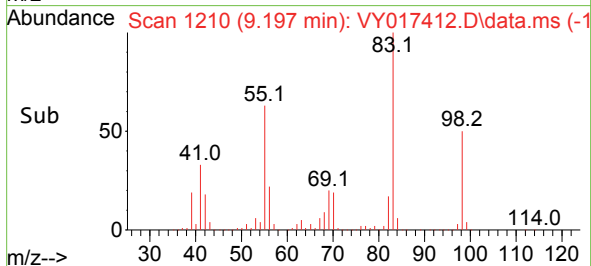
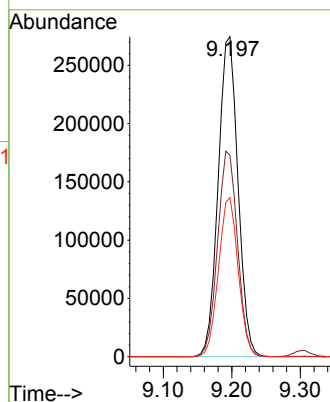
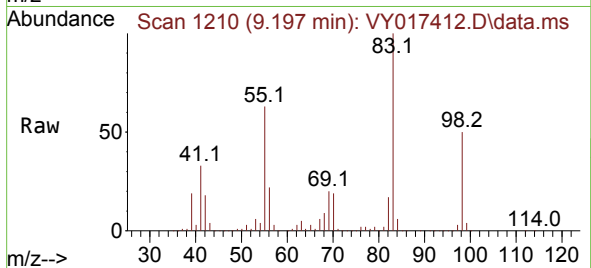
Tgt Ion: 83 Resp: 549663

Ion Ratio Lower Upper

83 100

55 63.0 51.5 77.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 156.513 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017412.D

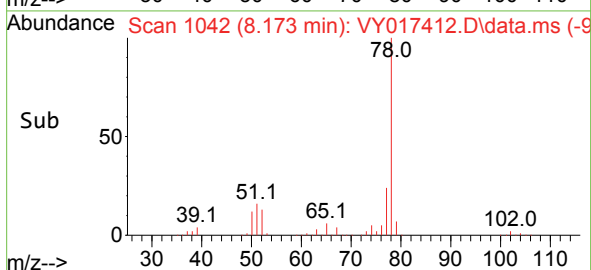
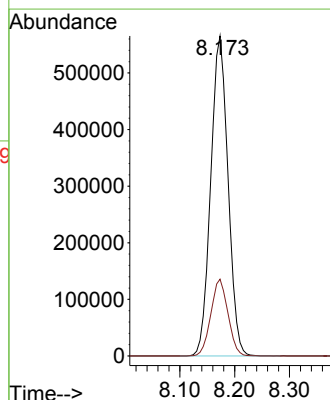
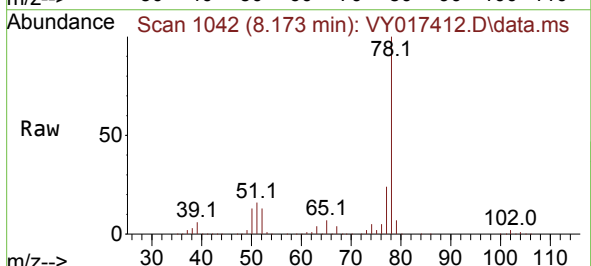
Acq: 19 Feb 2024 18:35

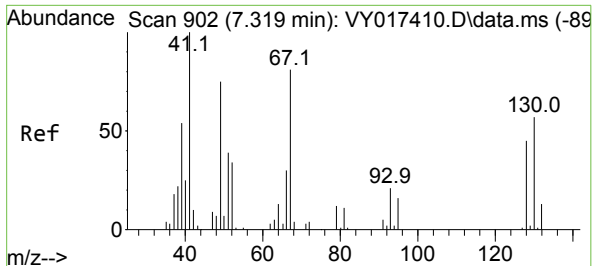
Tgt Ion: 78 Resp: 1234792

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

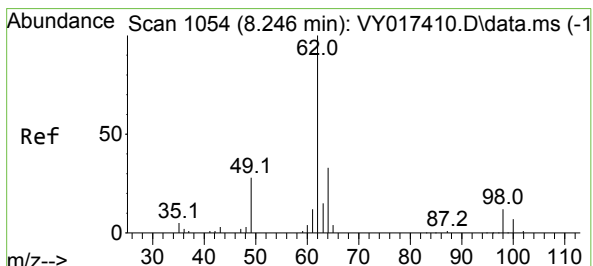
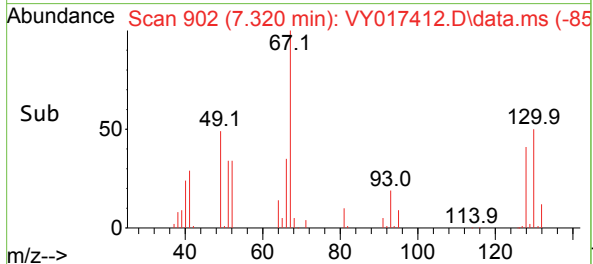
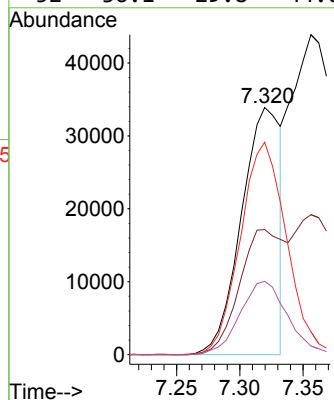
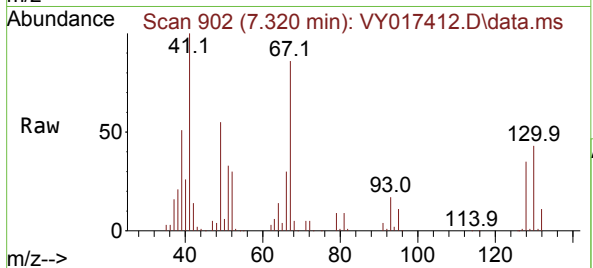




#41
Methacrylonitrile
Concen: 152.122 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

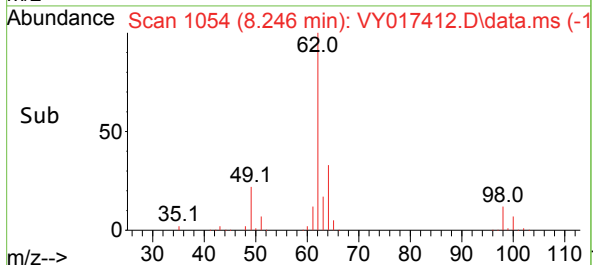
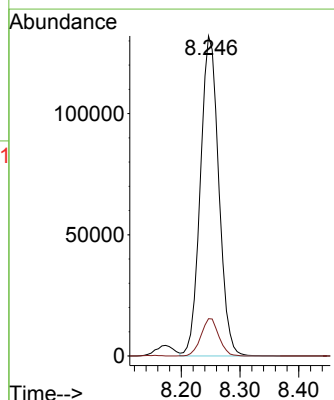
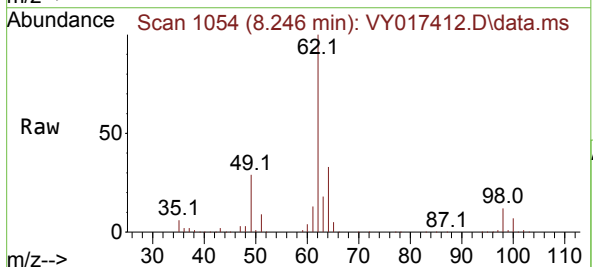
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

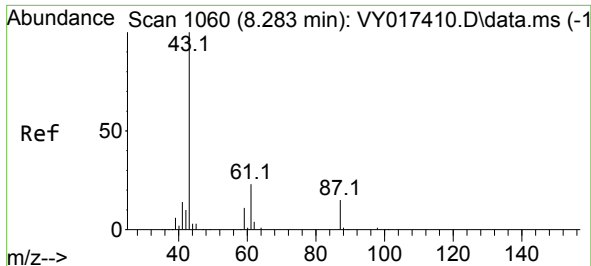
Tgt Ion: 41 Resp: 73046
Ion Ratio Lower Upper
41 100
39 60.3 48.0 72.0
67 101.7 75.1 112.7
52 36.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 150.058 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 62 Resp: 287368
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.0

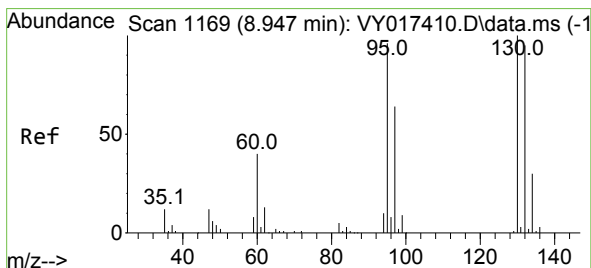
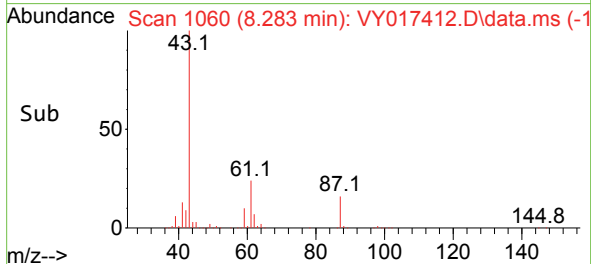
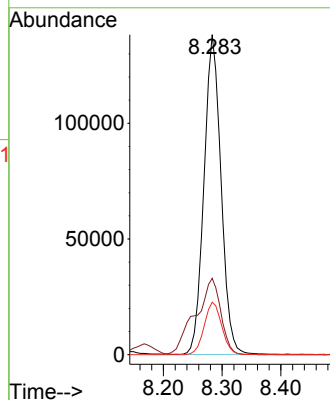
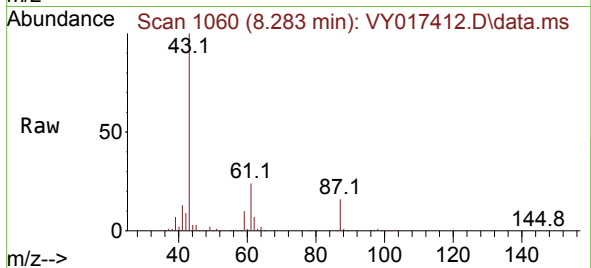




#43
Isopropyl Acetate
Concen: 156.933 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

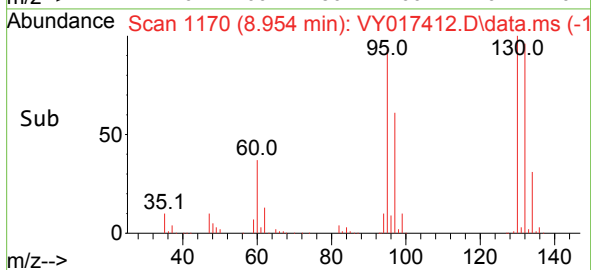
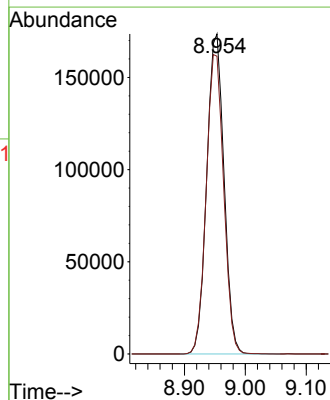
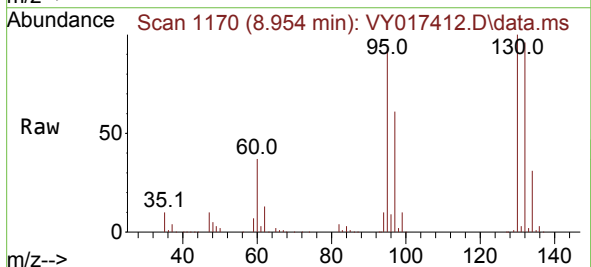
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

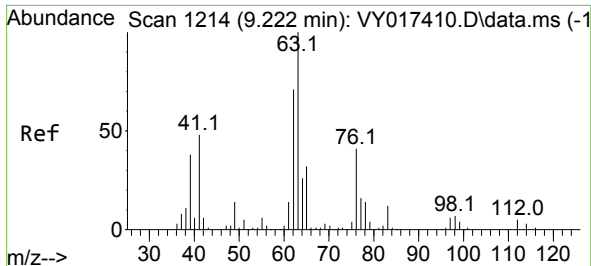
Tgt Ion: 43 Resp: 278844
Ion Ratio Lower Upper
43 100
61 35.5 27.9 41.9
87 16.9 13.1 19.7



#44
Trichloroethene
Concen: 159.147 ug/l
RT: 8.954 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion:130 Resp: 340334
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 157.046 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

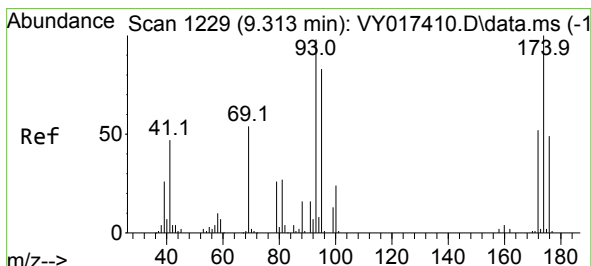
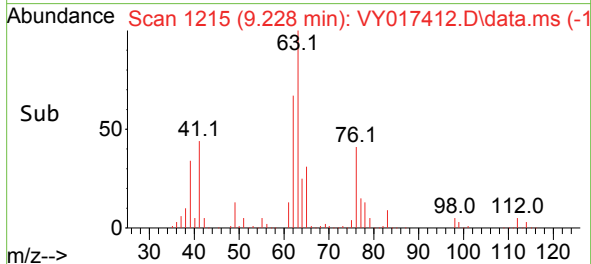
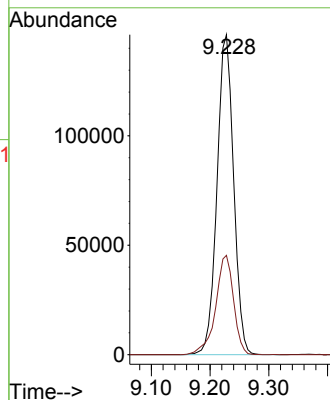
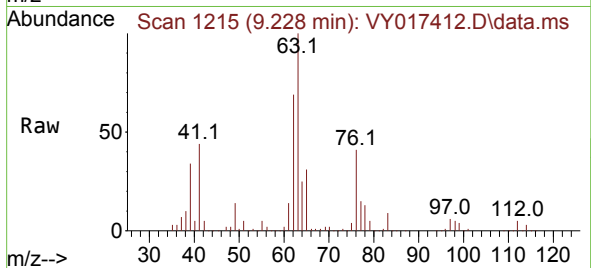
VSTDIC150

Tgt Ion: 63 Resp: 286406

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.2



#46

Dibromomethane

Concen: 155.393 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

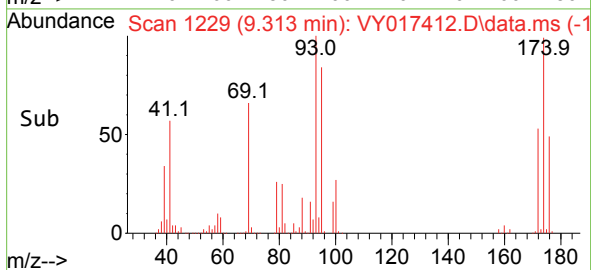
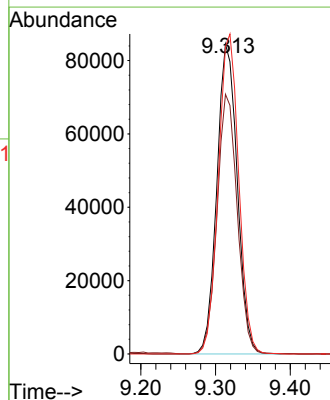
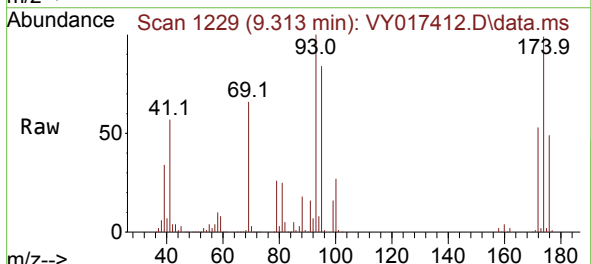
Tgt Ion: 93 Resp: 161075

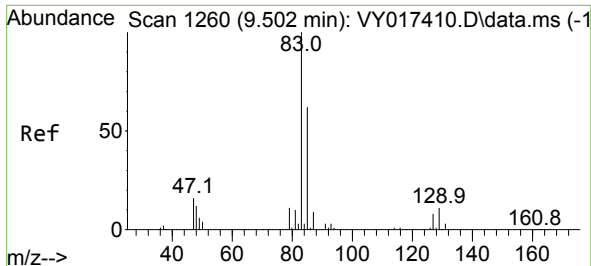
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 102.9 80.9 121.3

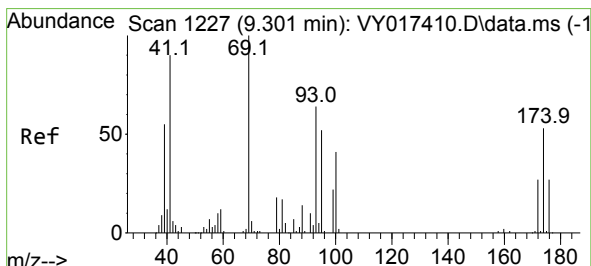
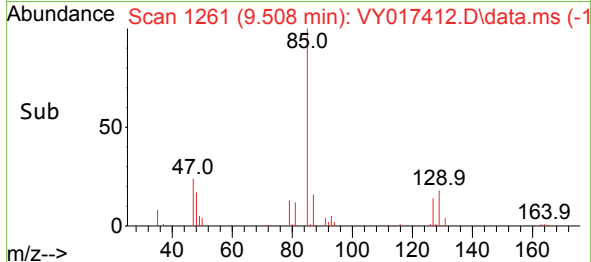
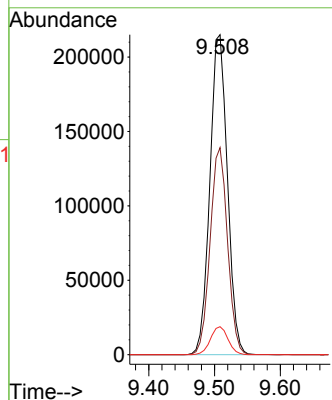
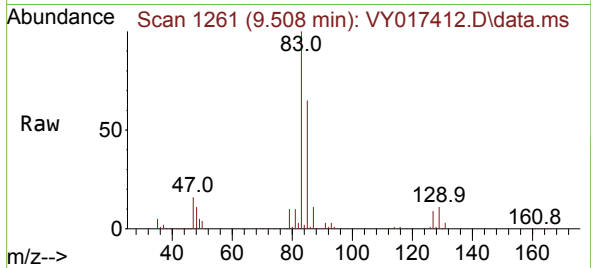




#47
Bromodichloromethane
Concen: 156.576 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

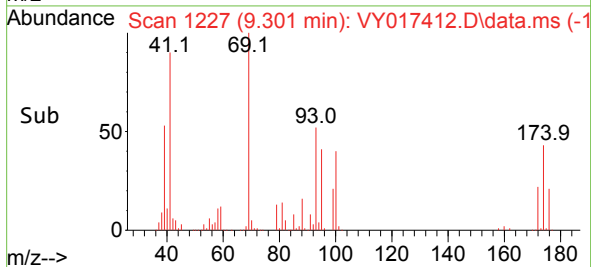
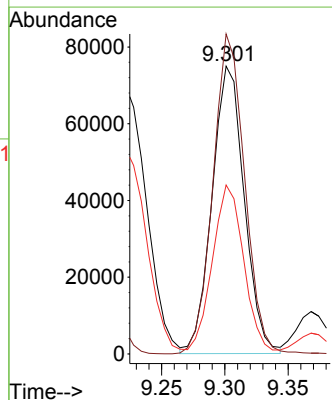
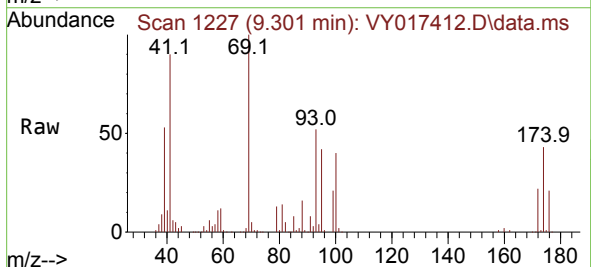
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

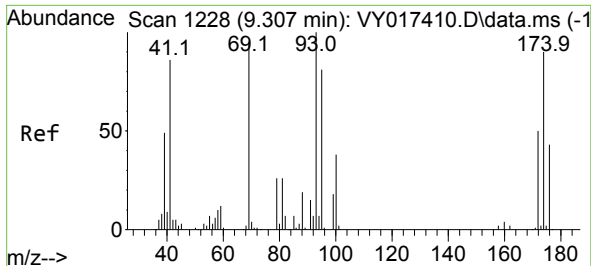
Tgt Ion: 83 Resp: 399050
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 159.305 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 41 Resp: 132806
Ion Ratio Lower Upper
41 100
69 109.3 84.1 126.1
39 54.9 43.6 65.4

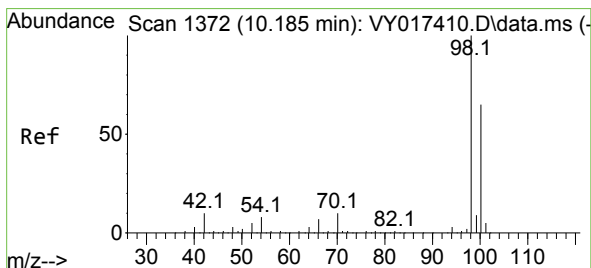
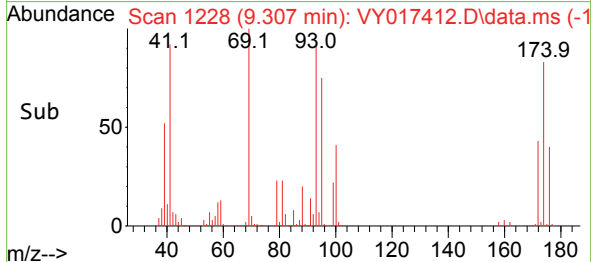
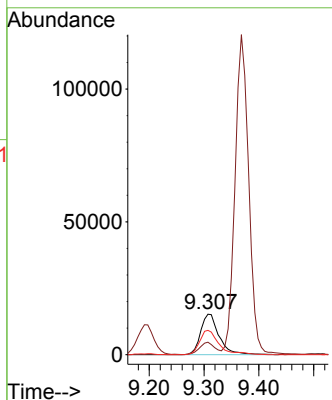
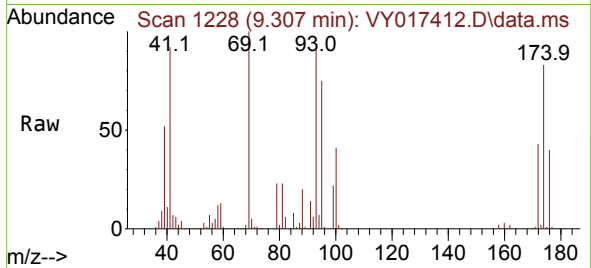




#49
1,4-Dioxane
Concen: 3281.827 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

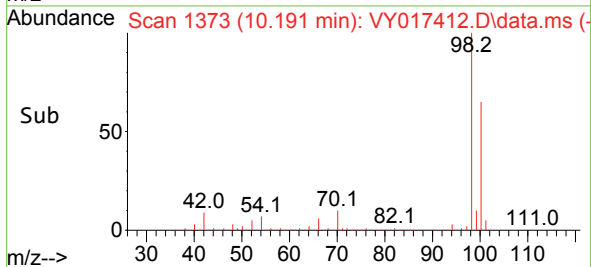
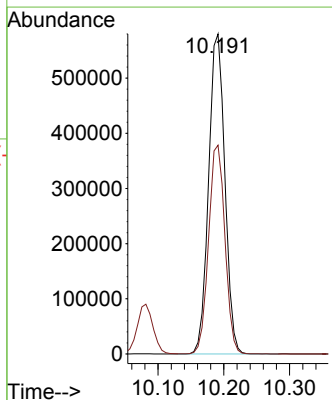
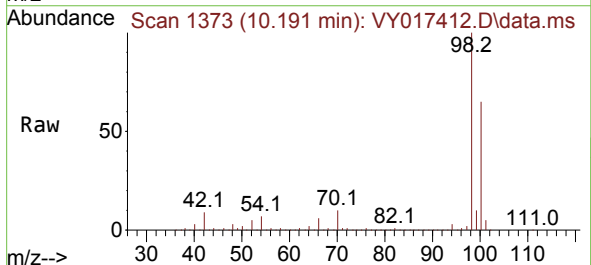
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

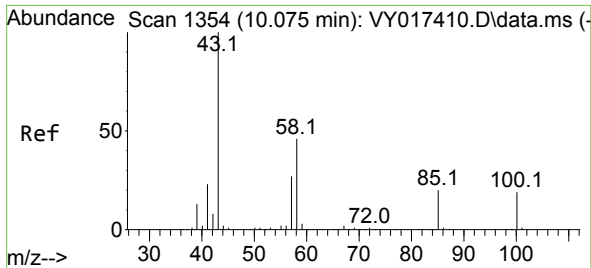
Tgt Ion: 88 Resp: 35580
Ion Ratio Lower Upper
88 100
43 25.6 0.0 0.0#
58 63.0 49.3 73.9



#50
Toluene-d8
Concen: 158.763 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 98 Resp: 995531
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

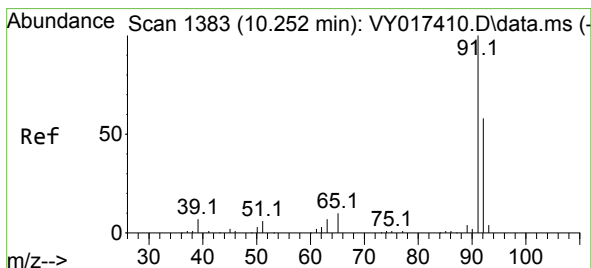
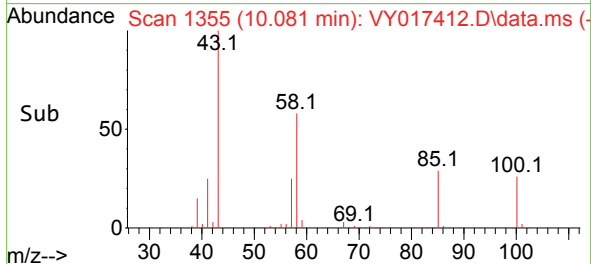
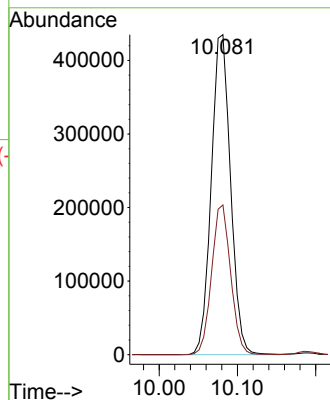
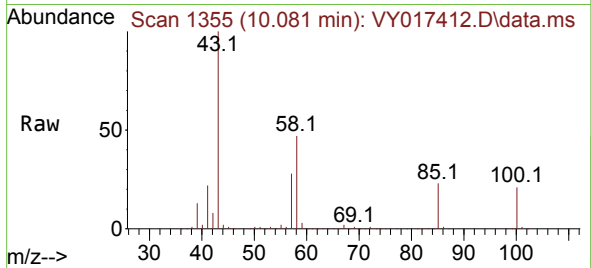




#51
4-Methyl-2-Pentanone
Concen: 777.694 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

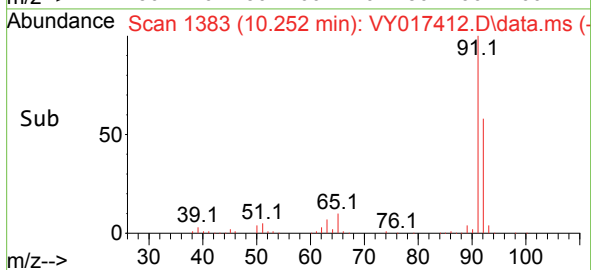
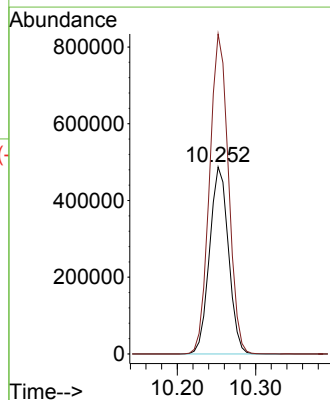
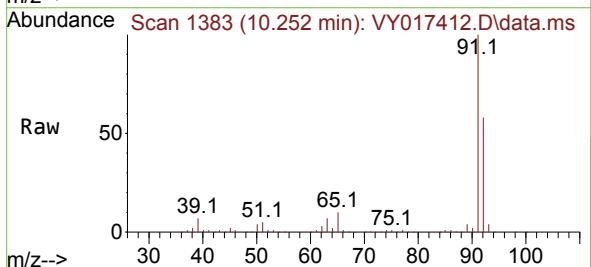
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

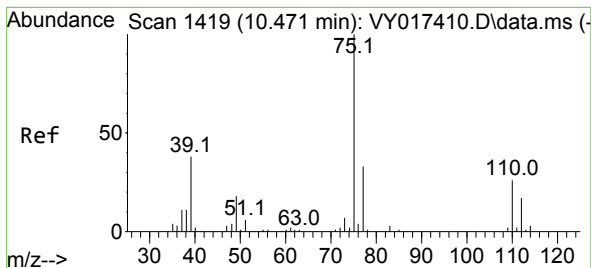
Tgt Ion: 43 Resp: 744572
Ion Ratio Lower Upper
43 100
58 46.2 35.7 53.5



#52
Toluene
Concen: 165.609 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 92 Resp: 815674
Ion Ratio Lower Upper
92 100
91 171.1 139.0 208.6

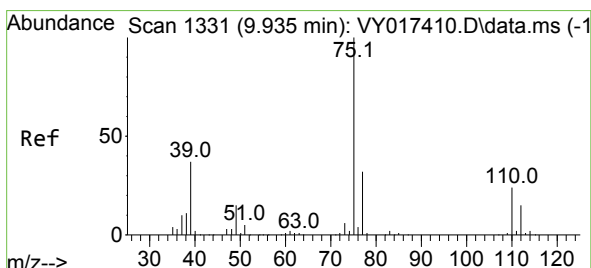
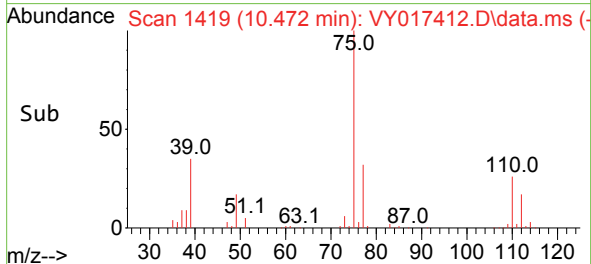
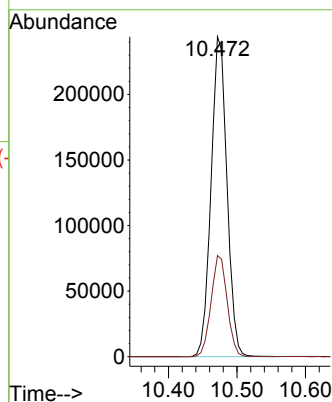
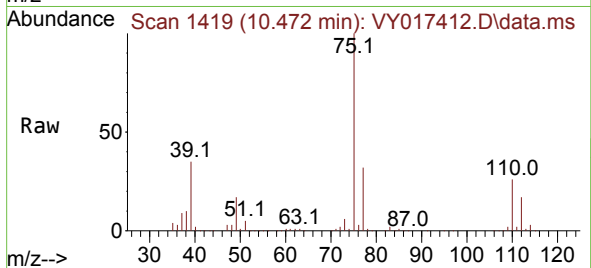




#53
 t-1,3-Dichloropropene
 Concen: 166.953 ug/l
 RT: 10.472 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

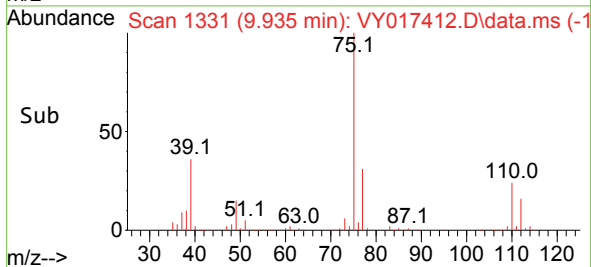
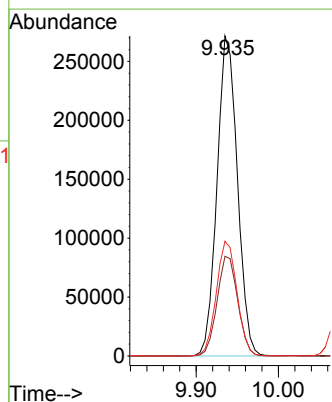
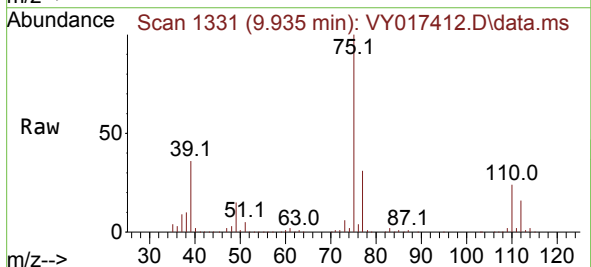
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

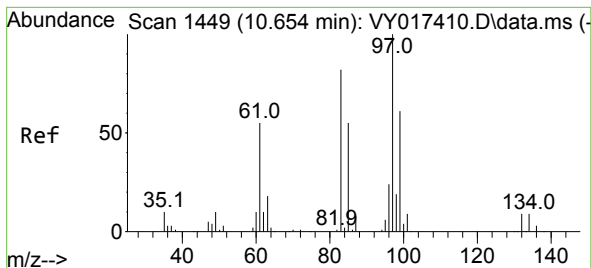
Tgt Ion: 75 Resp: 393989
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 161.457 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Tgt Ion: 75 Resp: 467464
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 35.8 29.8 44.6



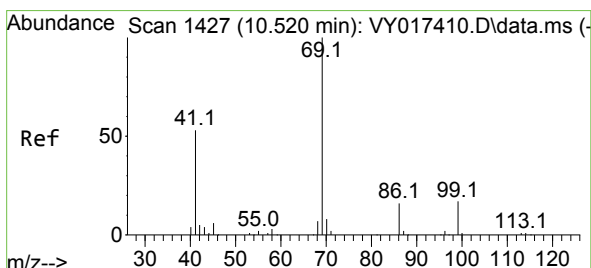
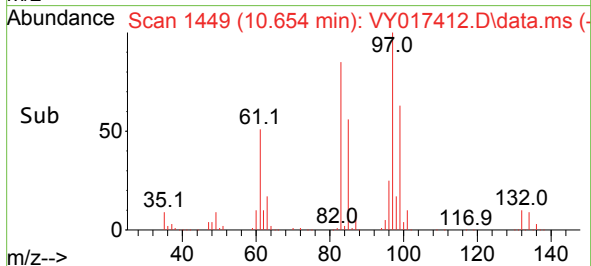
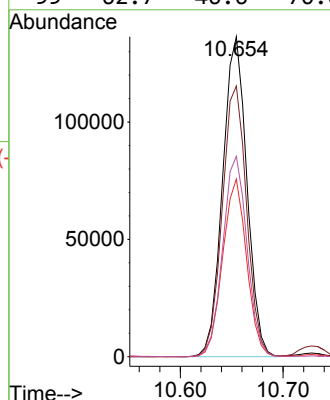
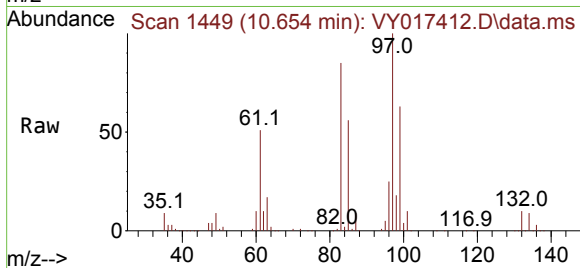


#55
 1,1,2-Trichloroethane
 Concen: 156.698 ug/l
 RT: 10.654 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 223488

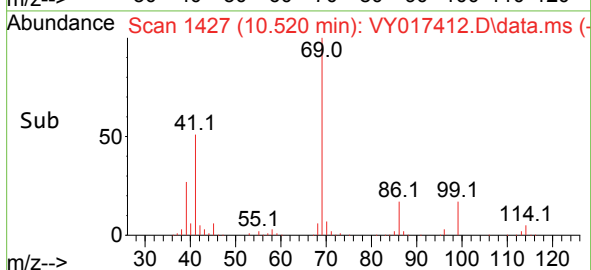
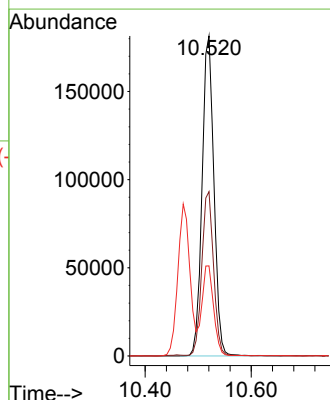
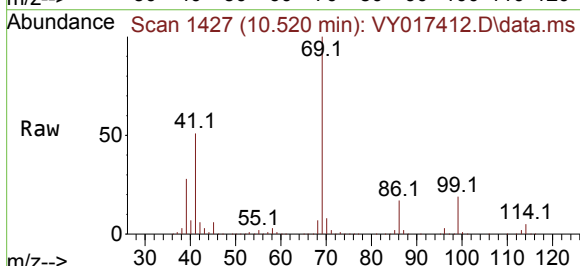
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.5	101.3
85	55.5	42.9	64.3
99	62.7	46.6	70.0

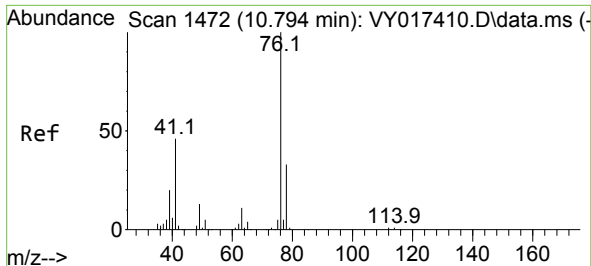


#56
 Ethyl methacrylate
 Concen: 148.265 ug/l
 RT: 10.520 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Tgt Ion: 69 Resp: 280976

Ion	Ratio	Lower	Upper
69	100		
41	50.8	42.3	63.5
39	28.0	22.9	34.3

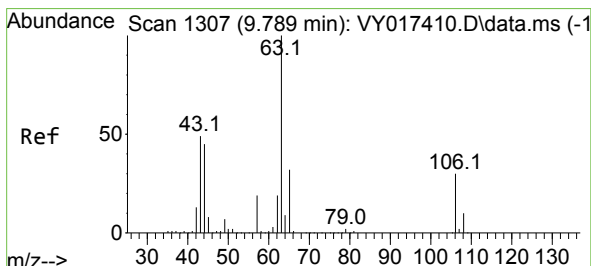
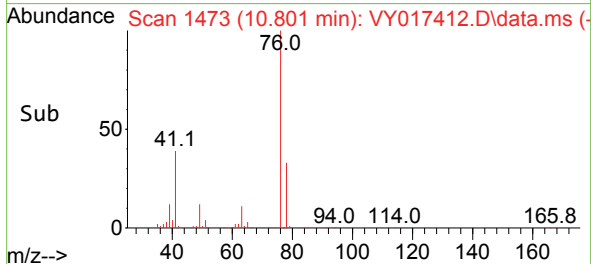
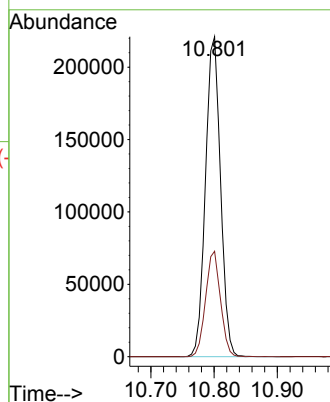
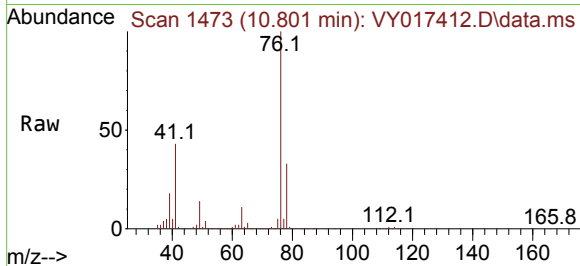




#57
1,3-Dichloropropane
Concen: 155.091 ug/l
RT: 10.801 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

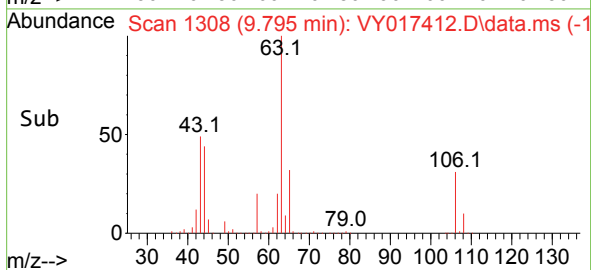
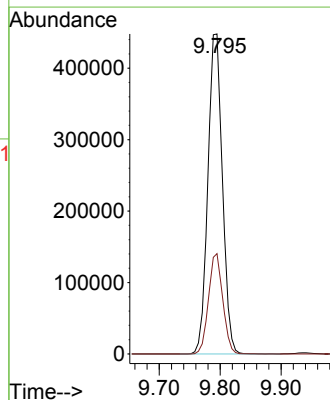
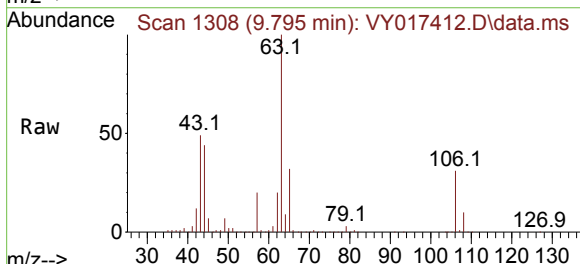
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

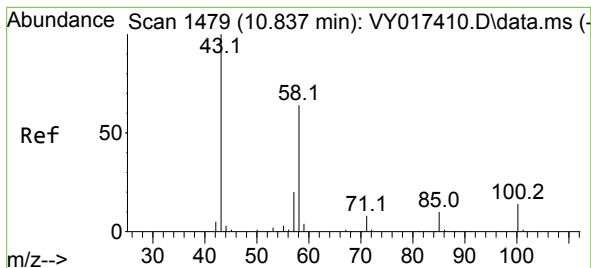
Tgt Ion: 76 Resp: 365985
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 872.647 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 63 Resp: 743647
Ion Ratio Lower Upper
63 100
106 30.7 23.7 35.5

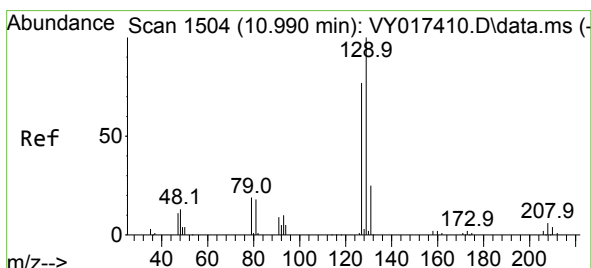
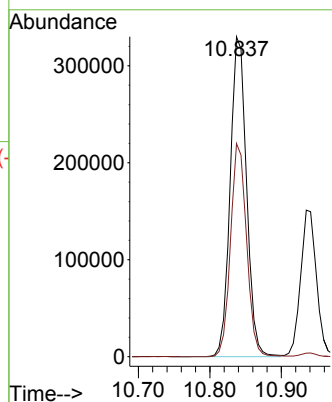
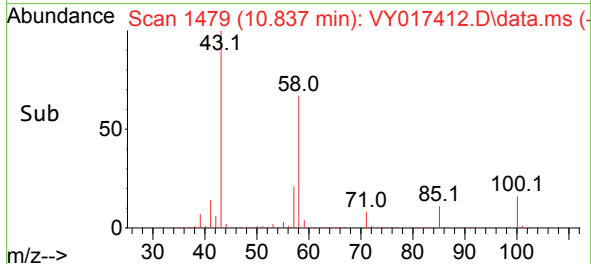
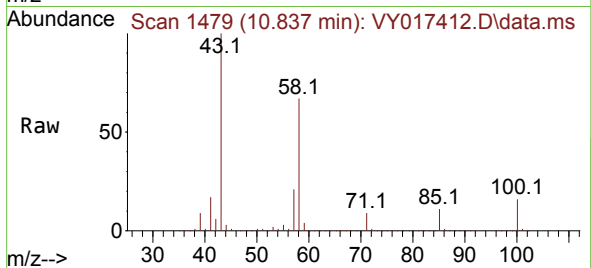




#59
2-Hexanone
Concen: 792.822 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

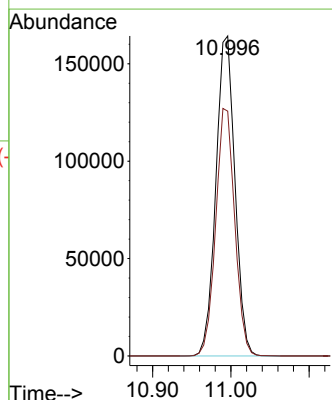
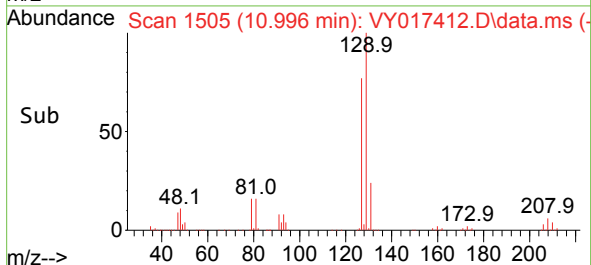
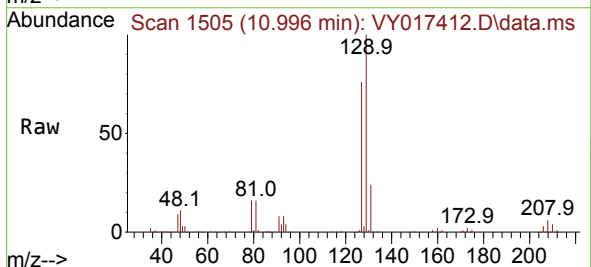
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

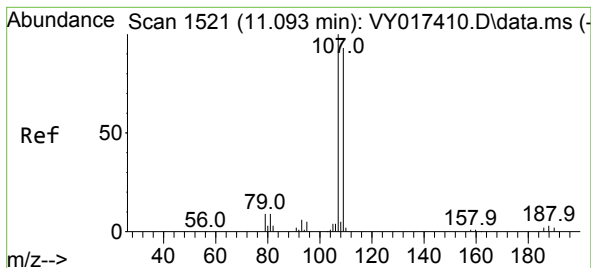
Tgt Ion: 43 Resp: 522828
Ion Ratio Lower Upper
43 100
58 65.4 31.4 94.0



#60
Dibromochloromethane
Concen: 163.939 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 129 Resp: 277942
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 159.010 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

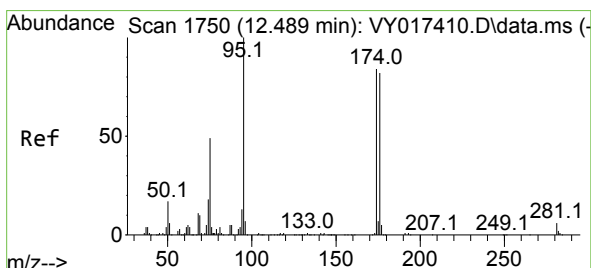
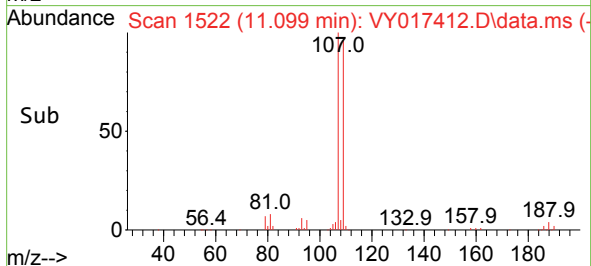
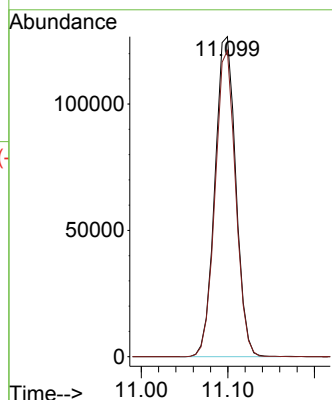
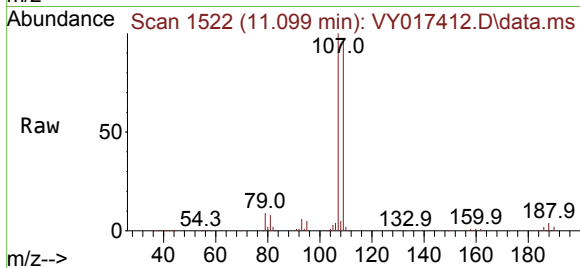
VSTDIC150

Tgt Ion:107 Resp: 212170

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 147.313 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

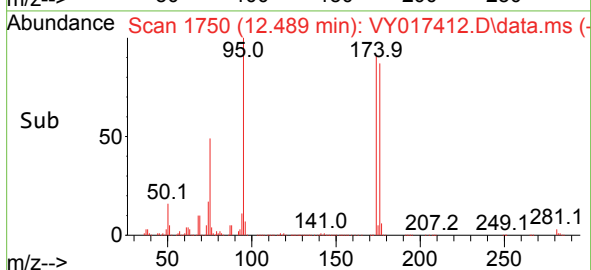
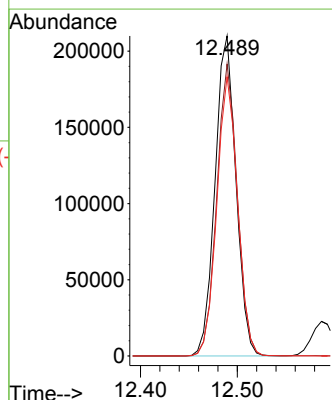
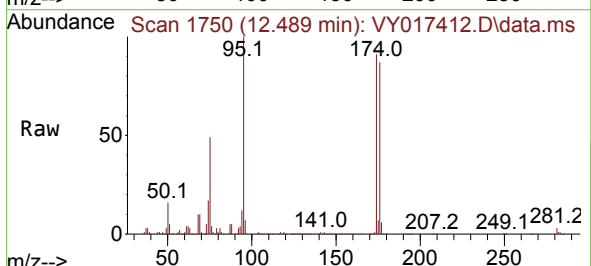
Tgt Ion: 95 Resp: 315366

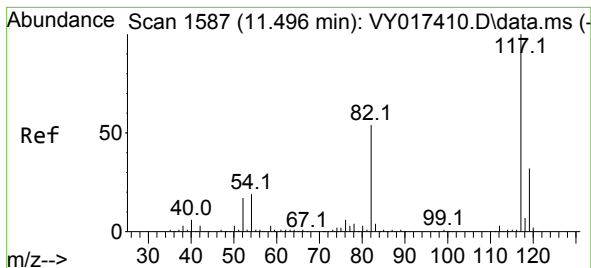
Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.6

176 86.6 0.0 171.4

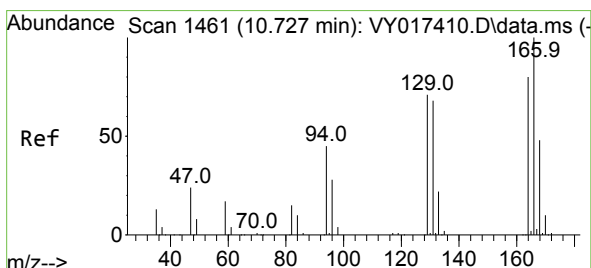
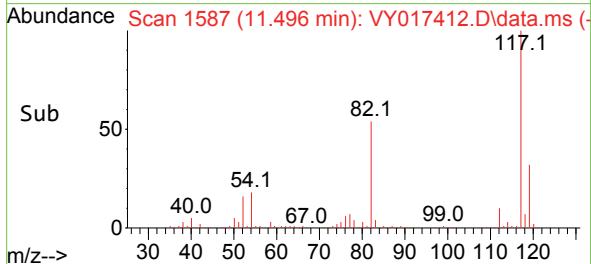
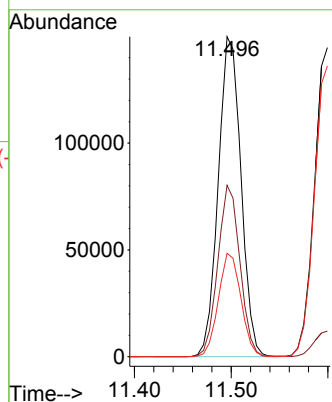
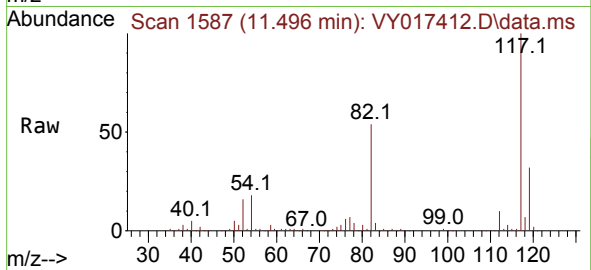




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

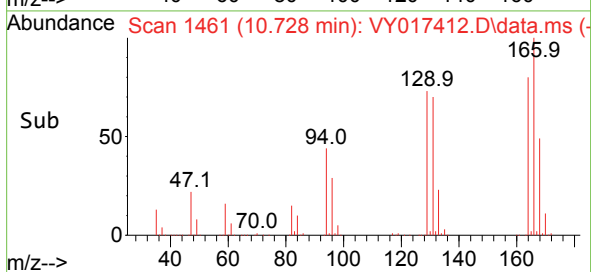
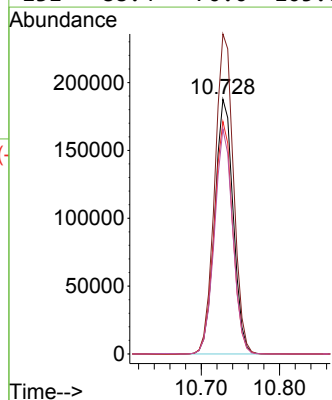
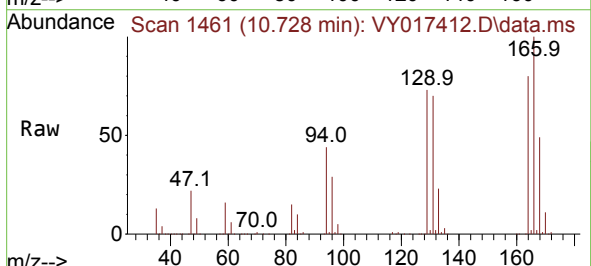
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

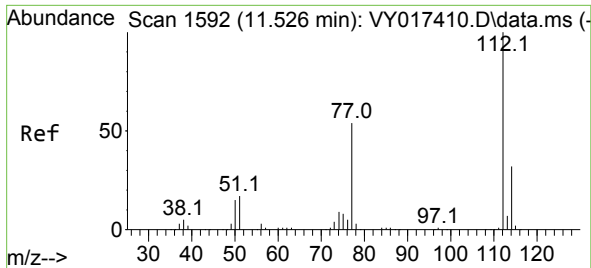
Tgt Ion:117 Resp: 244146
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 157.152 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion:164 Resp: 307061
Ion Ratio Lower Upper
164 100
166 125.6 102.6 154.0
129 91.2 72.0 108.0
131 88.4 70.0 105.0

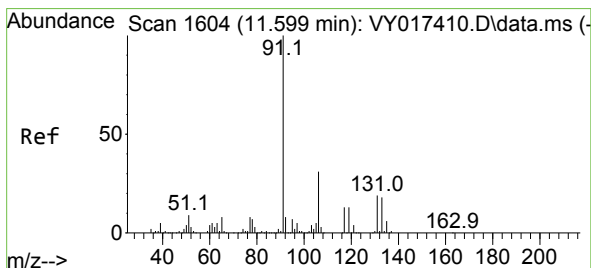
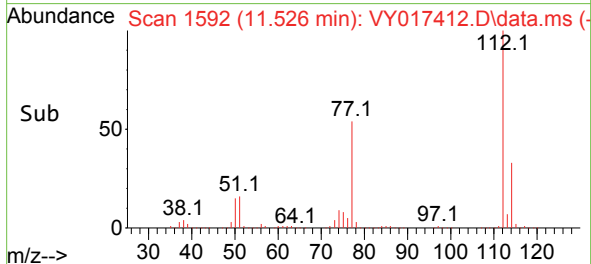
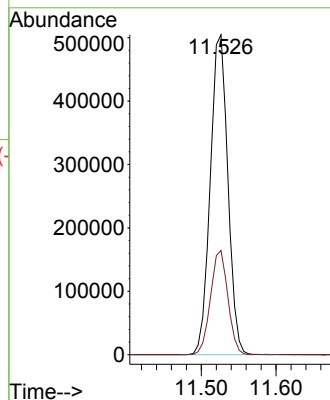
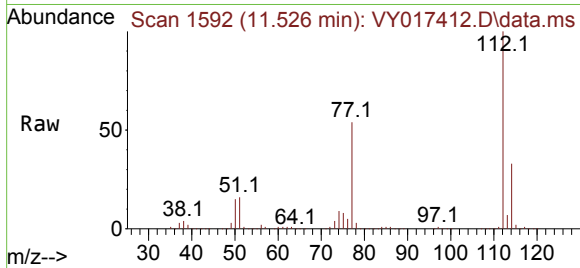




#65
Chlorobenzene
Concen: 156.562 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

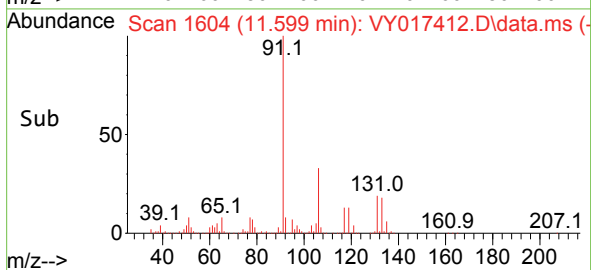
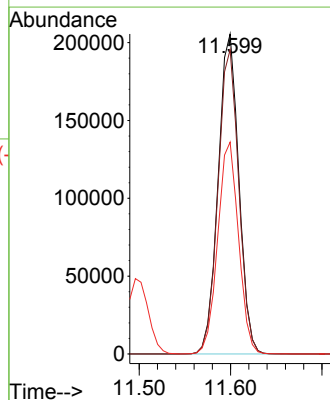
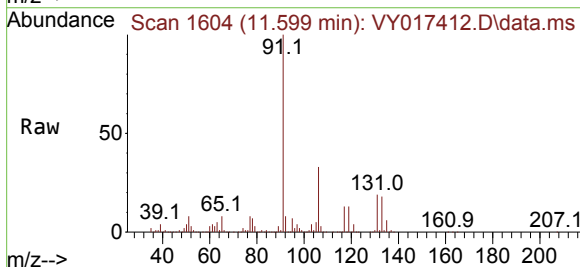
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

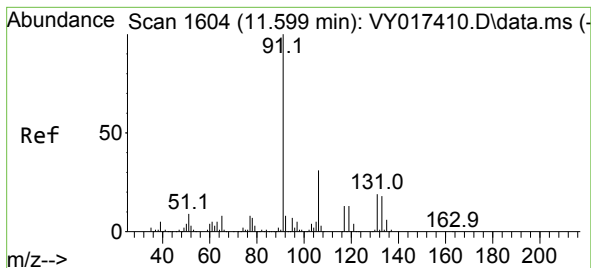
Tgt Ion:112 Resp: 823458
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 165.081 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion:131 Resp: 323331
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 169.577 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

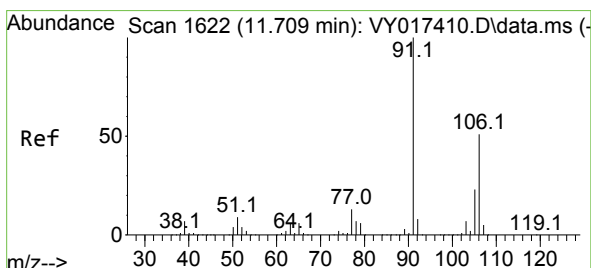
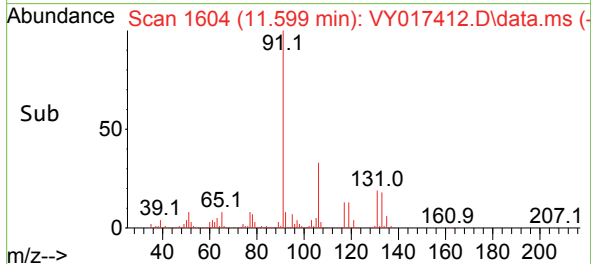
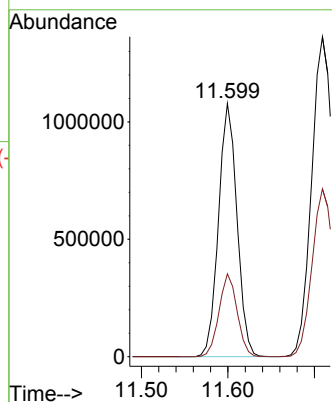
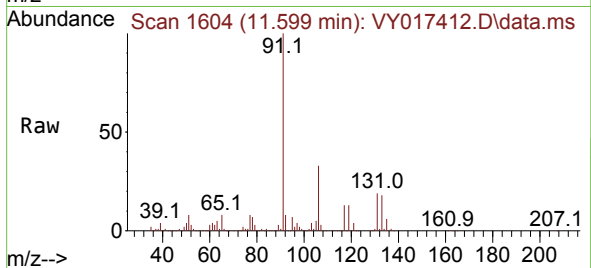
VSTDIC150

Tgt Ion: 91 Resp: 1595190

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 339.345 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017412.D

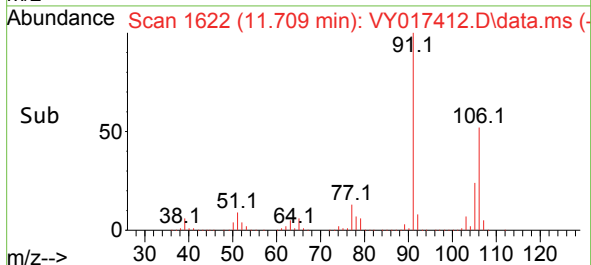
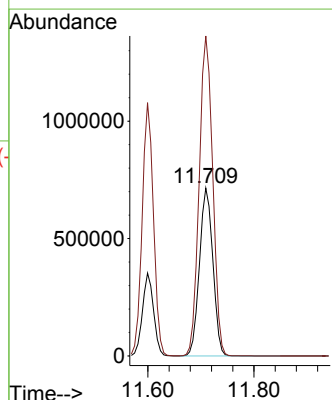
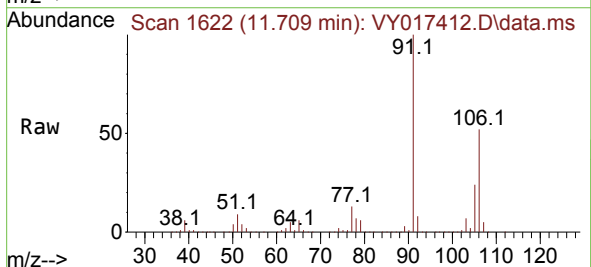
Acq: 19 Feb 2024 18:35

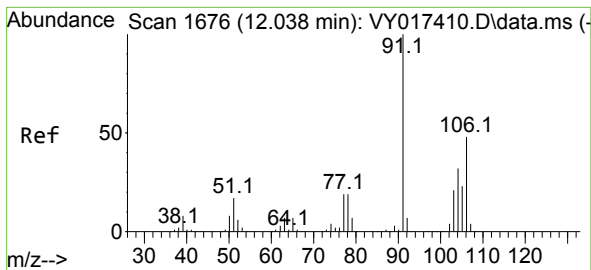
Tgt Ion:106 Resp: 1254875

Ion Ratio Lower Upper

106 100

91 192.9 156.0 234.0

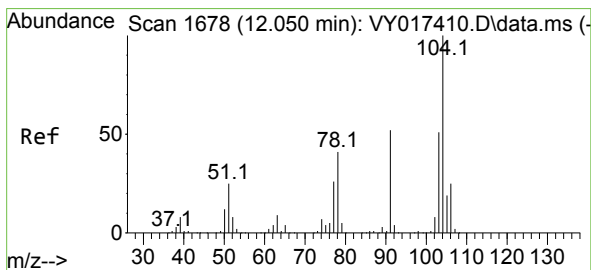
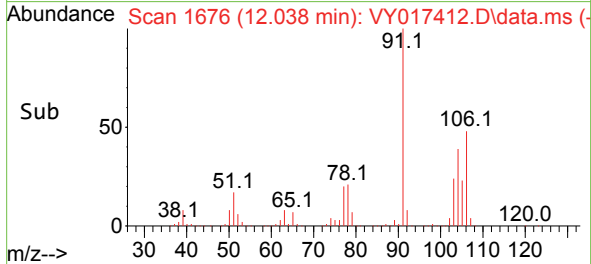
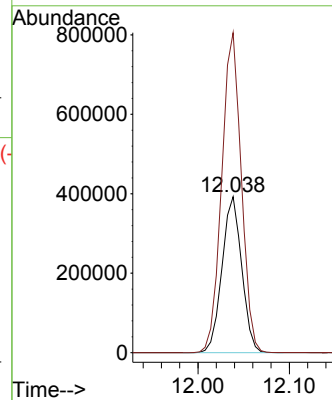
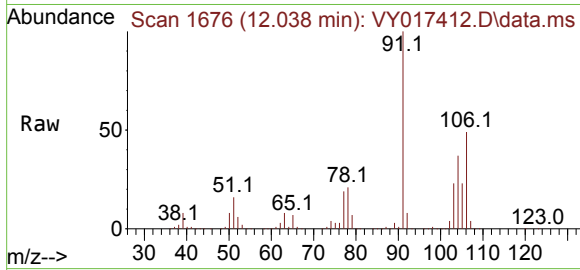




#69
o-Xylene
Concen: 173.363 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

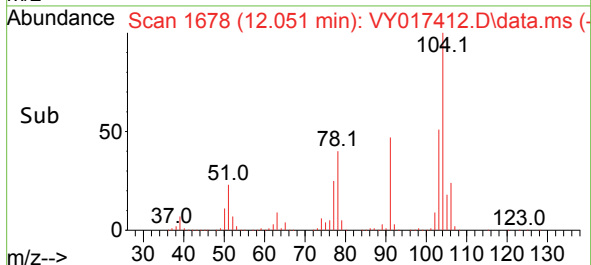
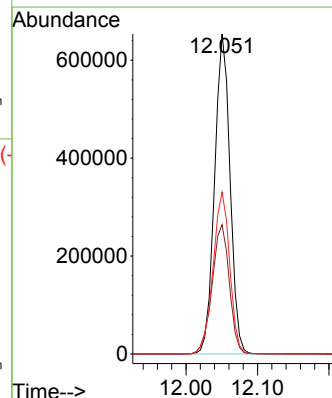
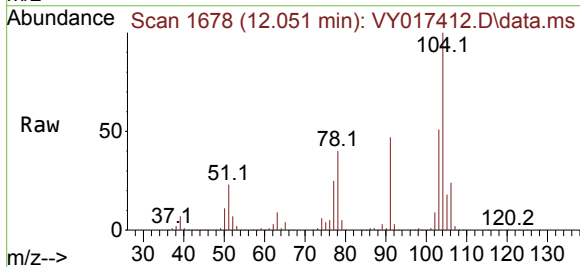
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

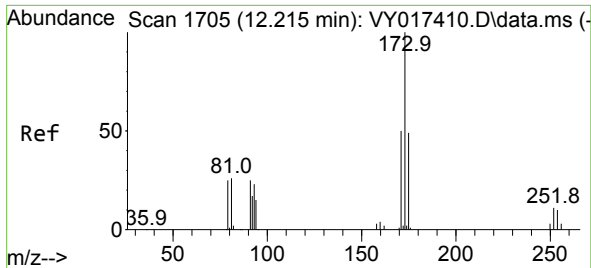
Tgt Ion:106 Resp: 588134
Ion Ratio Lower Upper
106 100
91 204.4 103.6 310.8



#70
Styrene
Concen: 176.085 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion:104 Resp: 981135
Ion Ratio Lower Upper
104 100
78 45.0 37.0 55.4
103 54.4 44.2 66.2

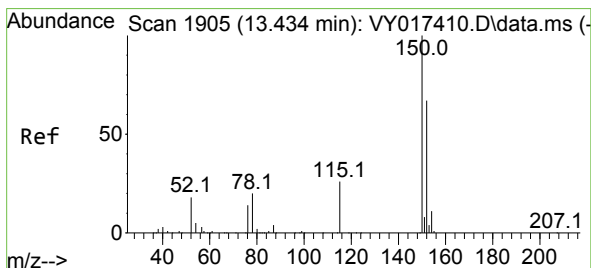
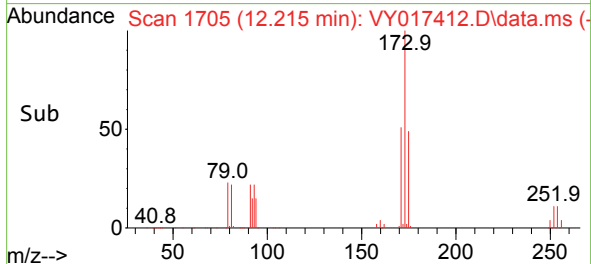
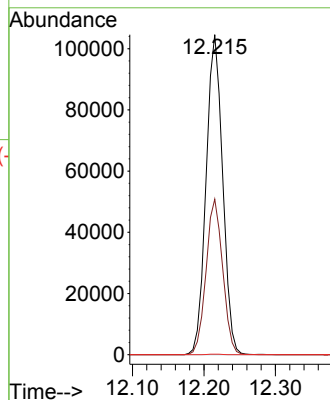
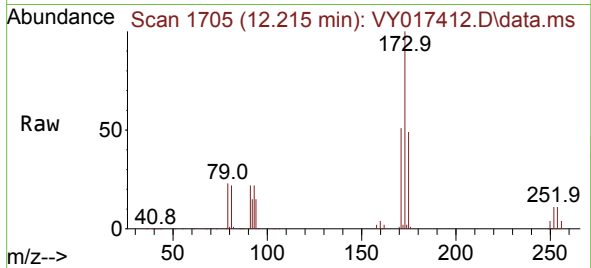




#71
Bromoform
Concen: 164.754 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

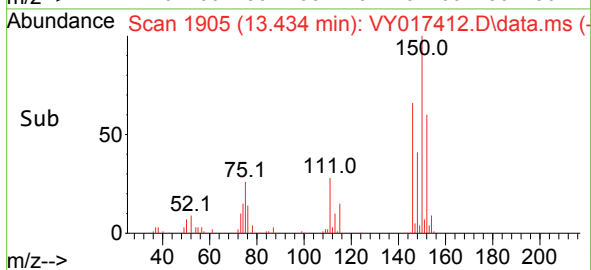
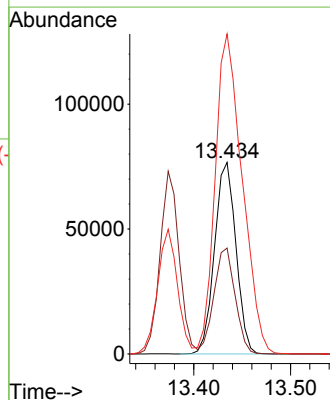
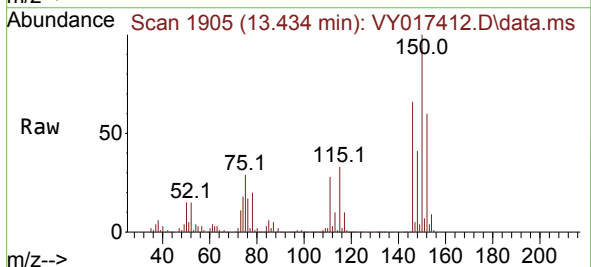
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

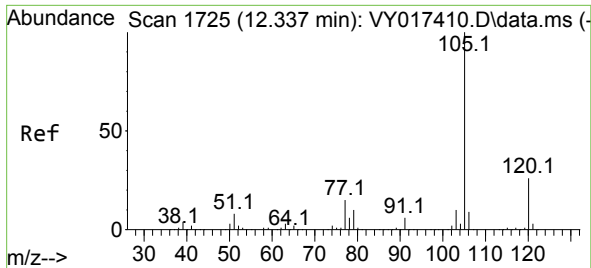
Tgt Ion:173 Resp: 167893
Ion Ratio Lower Upper
173 100
175 48.8 25.1 75.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion:152 Resp: 117939
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 211.5 0.0 345.6

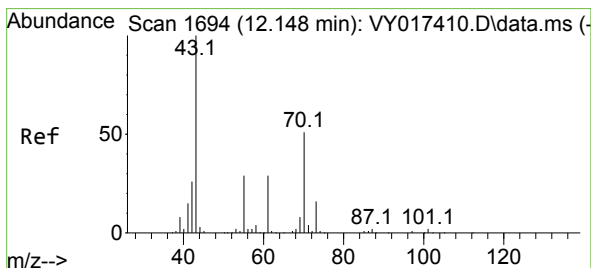
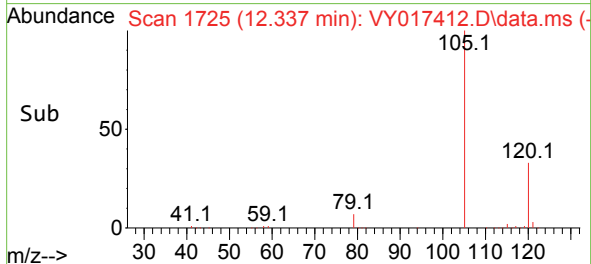
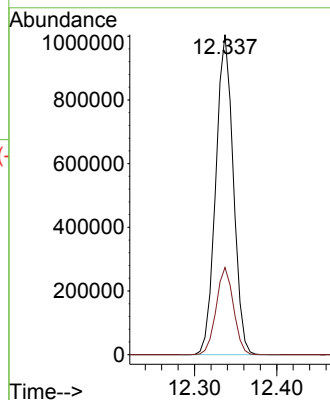
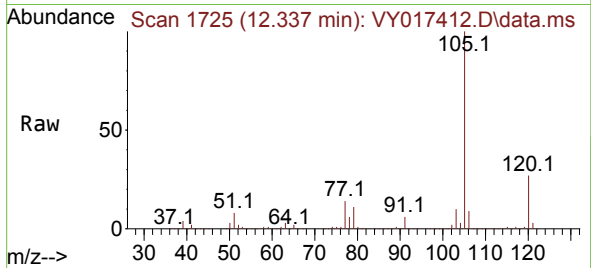




#73
Isopropylbenzene
Concen: 163.143 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

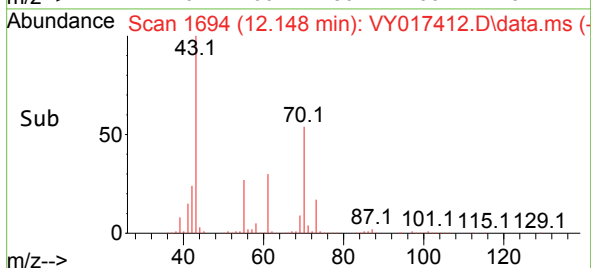
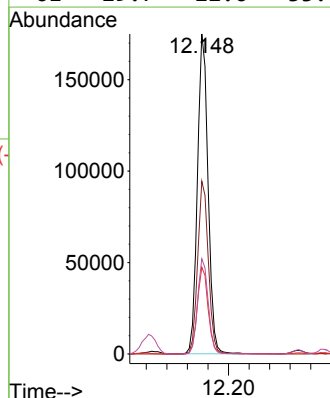
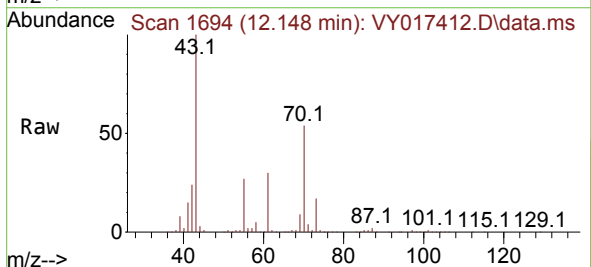
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

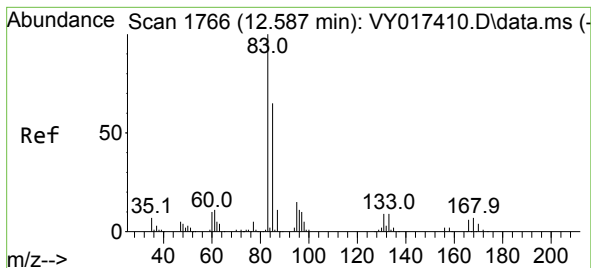
Tgt Ion:105 Resp: 1486238
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 158.799 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 43 Resp: 251894
Ion Ratio Lower Upper
43 100
70 54.2 41.4 62.2
55 27.6 23.3 34.9
61 29.7 22.6 33.8

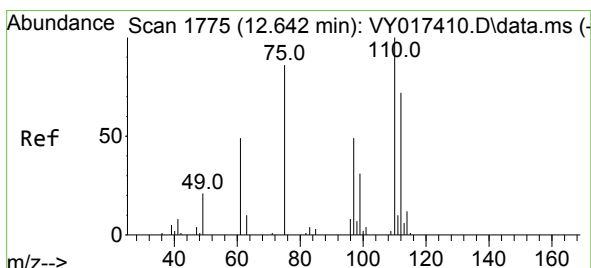
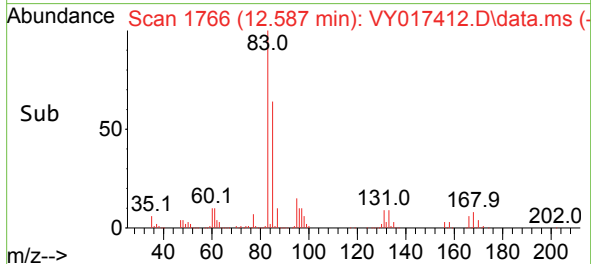
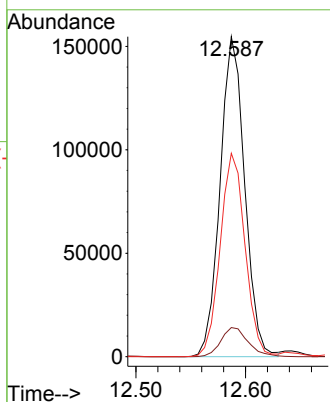
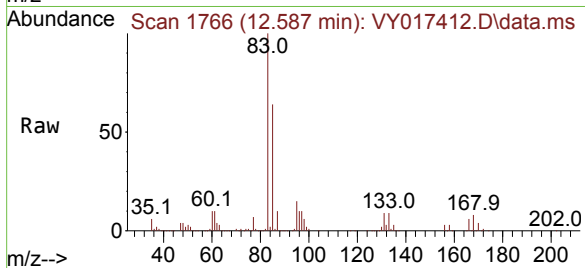




#75
1,1,2,2-Tetrachloroethane
Concen: 148.145 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

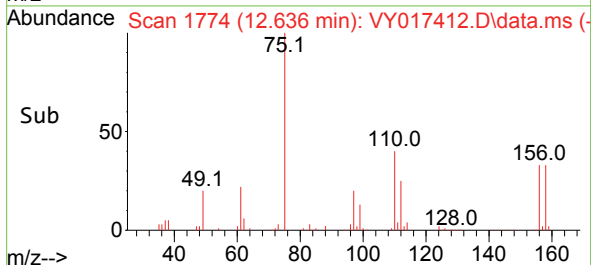
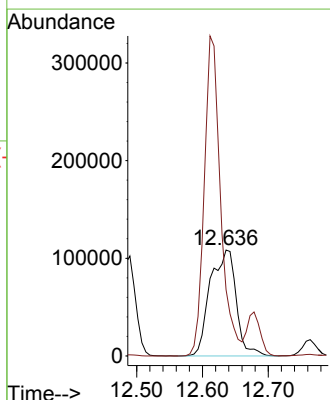
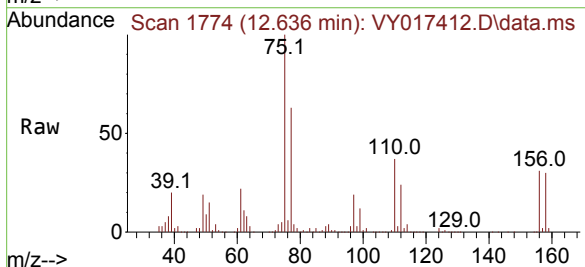
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

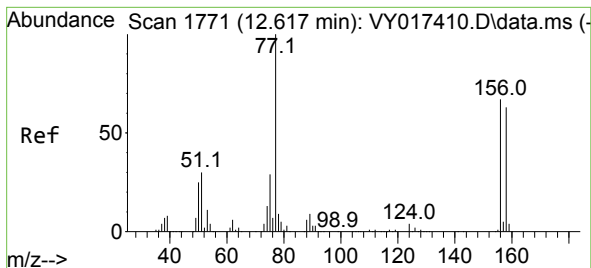
Tgt Ion: 83 Resp: 241210
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 260.610 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 75 Resp: 298825
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 158.707 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

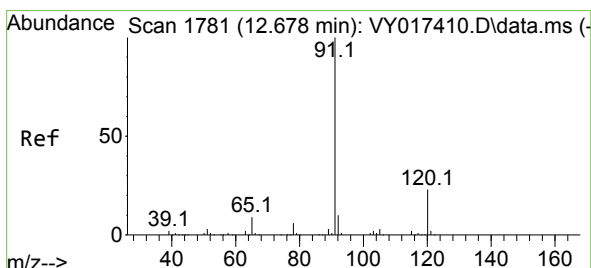
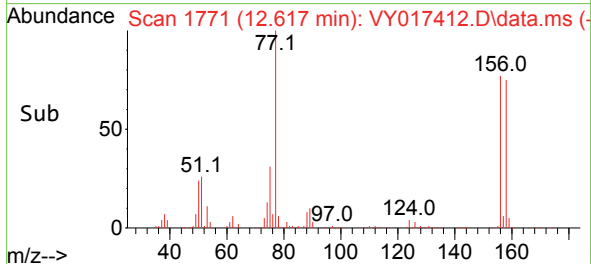
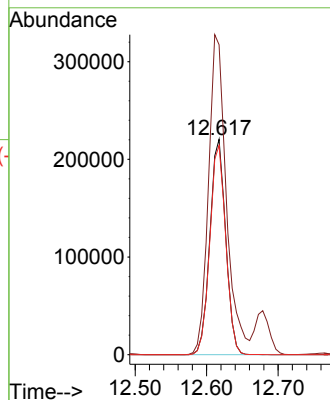
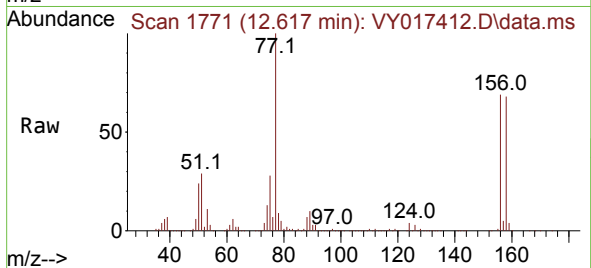
Tgt Ion:156 Resp: 339092

Ion Ratio Lower Upper

156 100

77 168.0 87.1 261.3

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 159.250 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017412.D

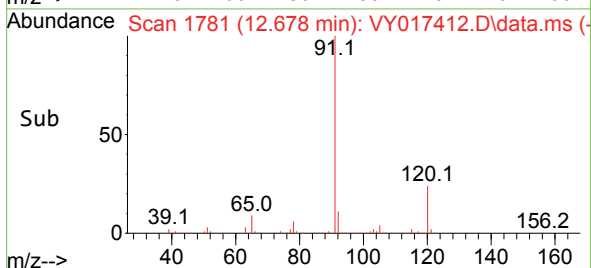
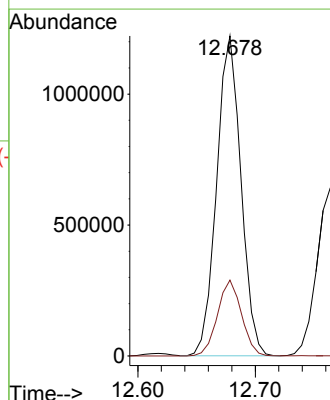
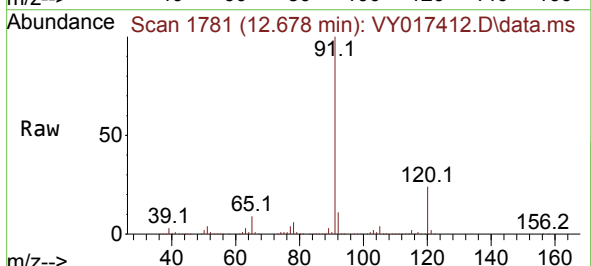
Acq: 19 Feb 2024 18:35

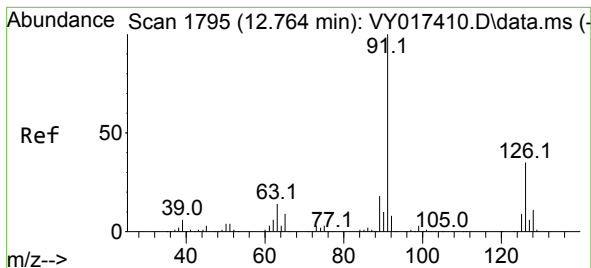
Tgt Ion: 91 Resp: 1754805

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

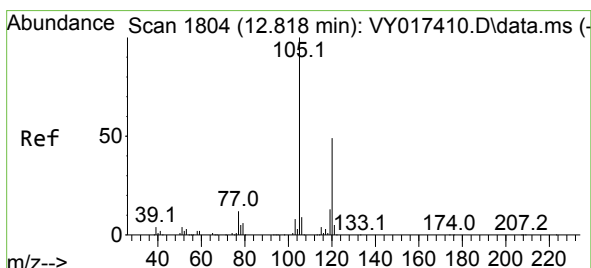
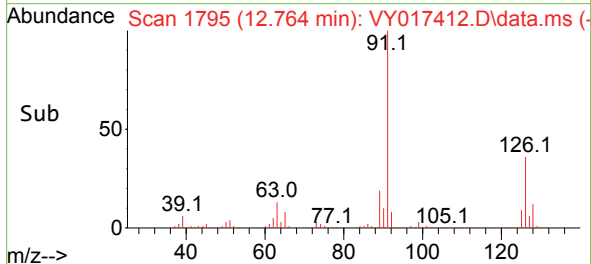
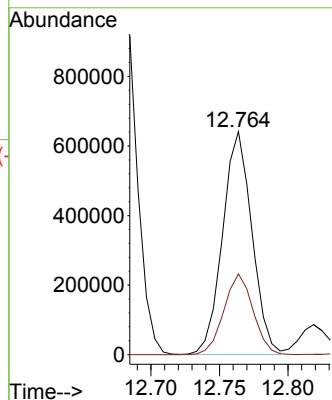
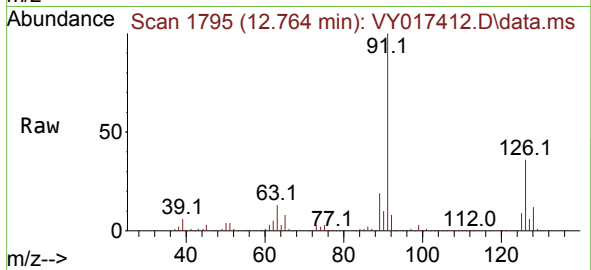




#79
2-Chlorotoluene
Concen: 157.545 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

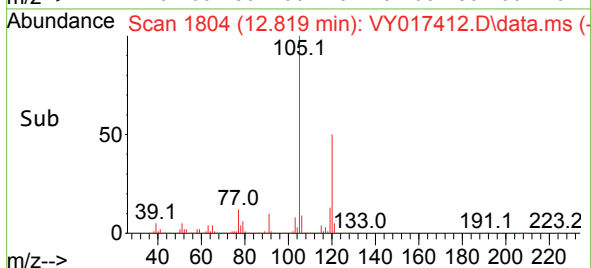
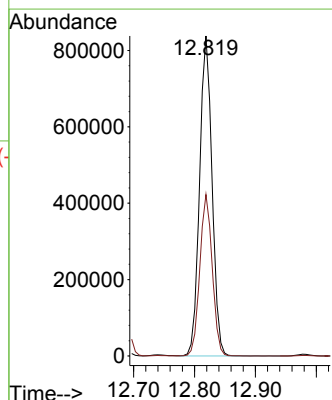
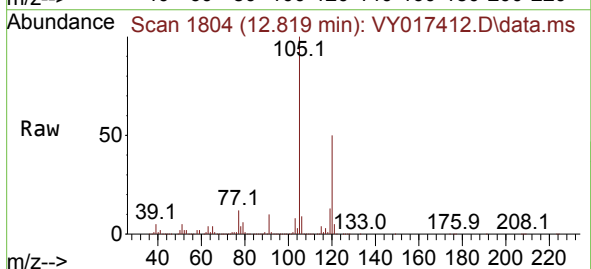
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

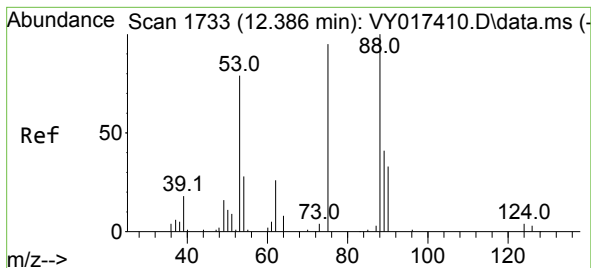
Tgt Ion: 91 Resp: 955891
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 163.411 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 105 Resp: 1190736
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2

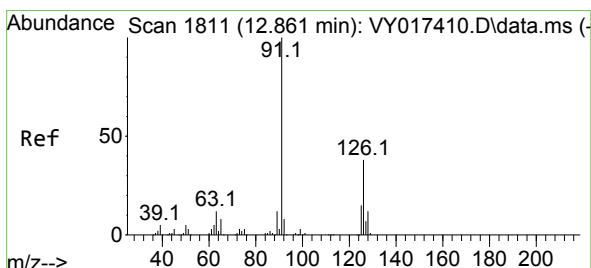
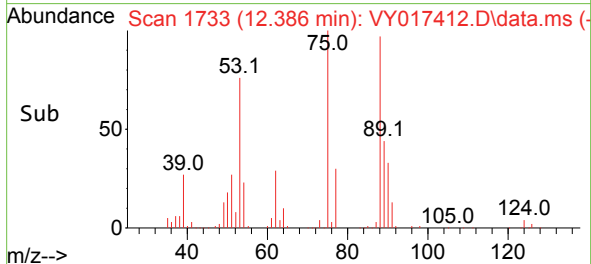
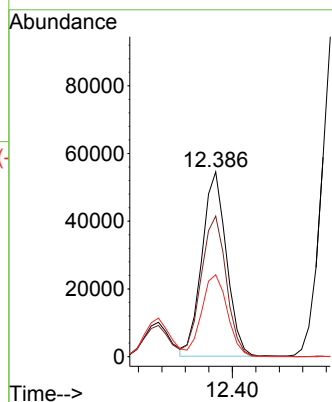
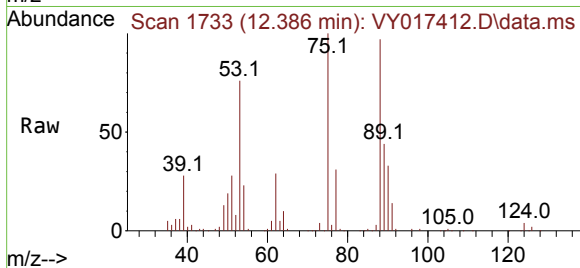




#81
trans-1,4-Dichloro-2-butene
Concen: 160.589 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

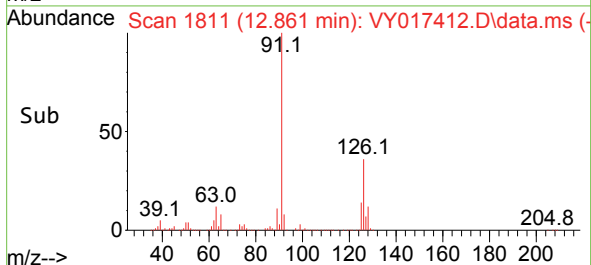
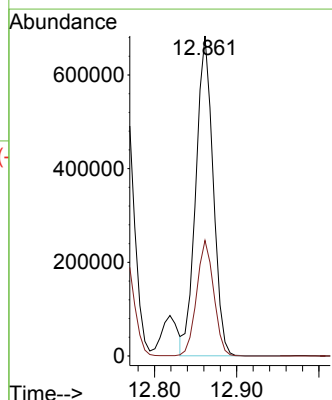
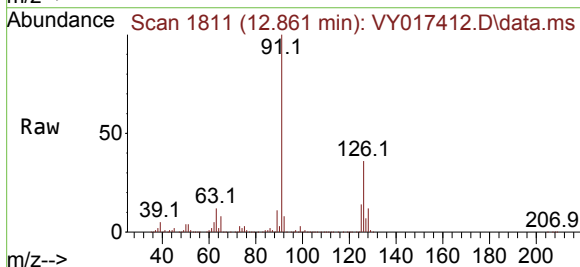
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

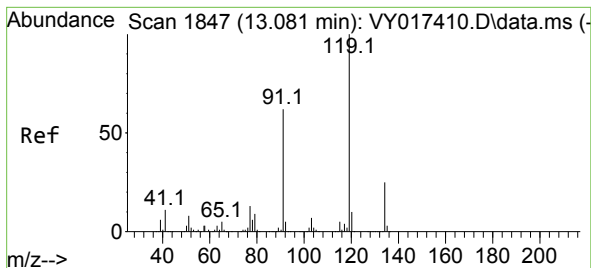
Tgt Ion: 75 Resp: 78762
Ion Ratio Lower Upper
75 100
53 79.2 66.8 100.2
89 46.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 158.435 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 91 Resp: 991982
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 162.999 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

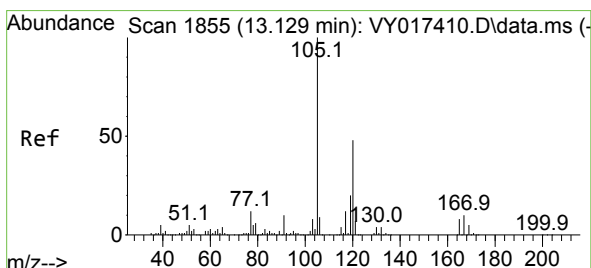
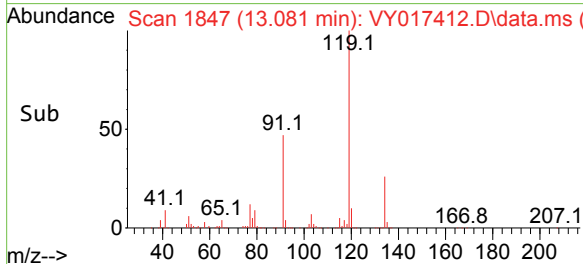
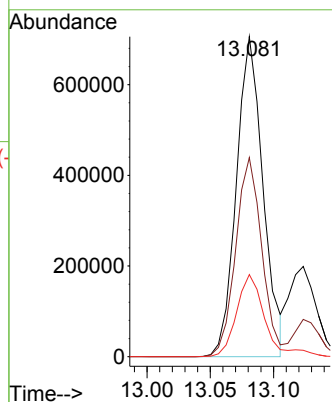
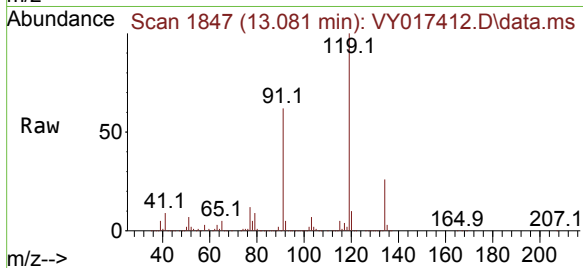
Tgt Ion:119 Resp: 1037160

Ion Ratio Lower Upper

119 100

91 60.7 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 164.786 ug/l

RT: 13.124 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017412.D

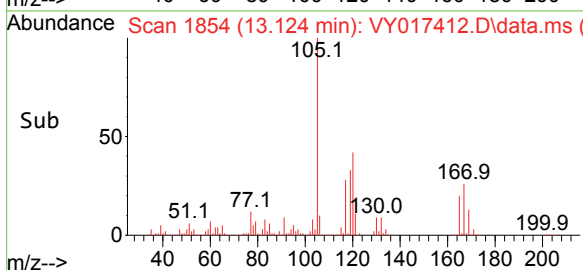
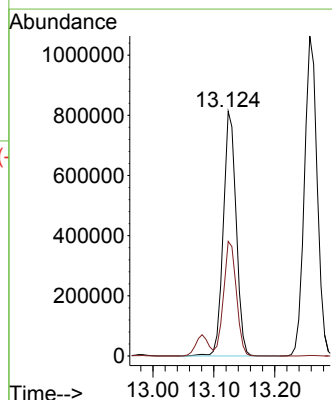
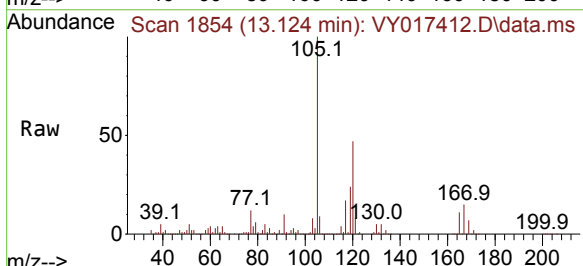
Acq: 19 Feb 2024 18:35

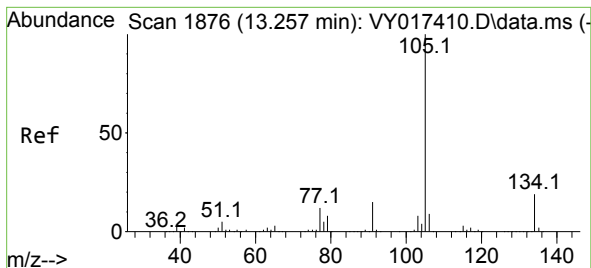
Tgt Ion:105 Resp: 1189575

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 157.797 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

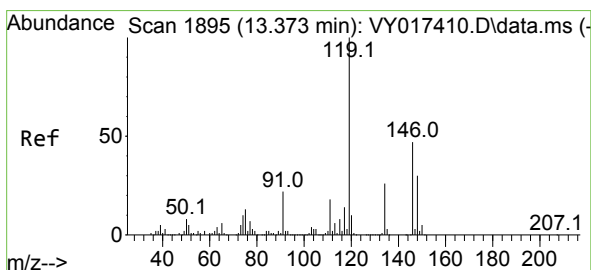
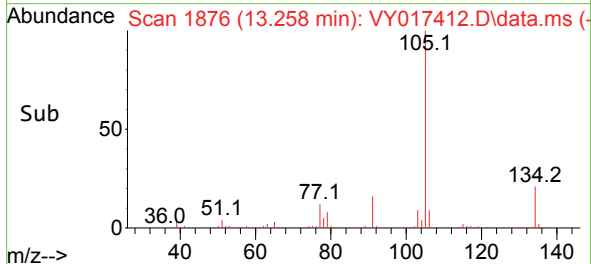
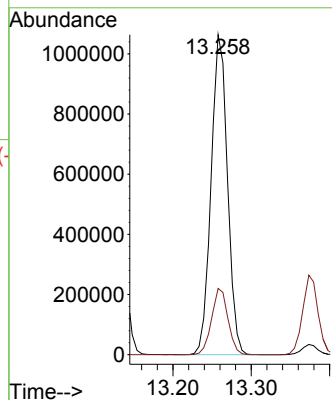
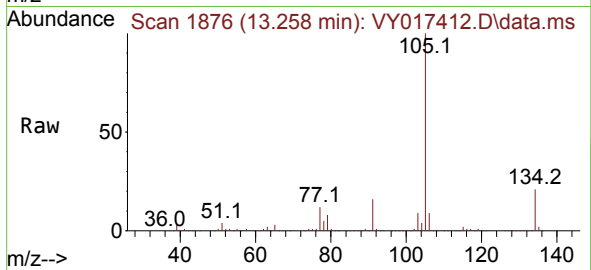
VSTDICC150

Tgt Ion:105 Resp: 1542159

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 166.931 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

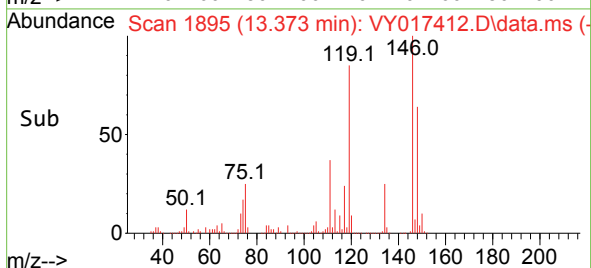
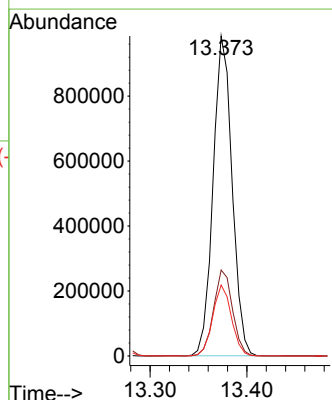
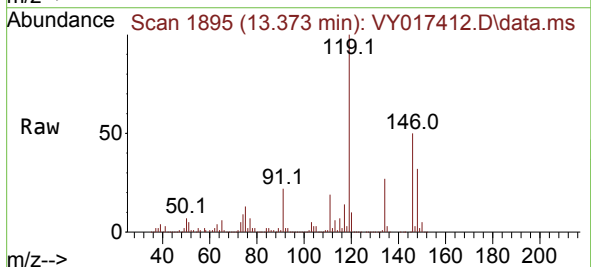
Tgt Ion:119 Resp: 1343708

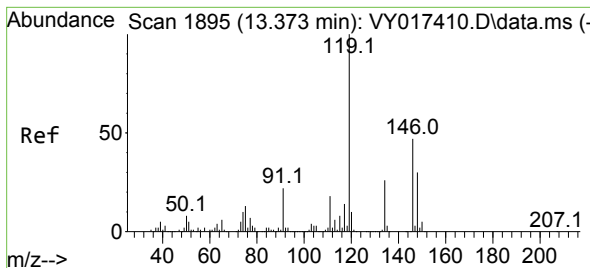
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 162.124 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

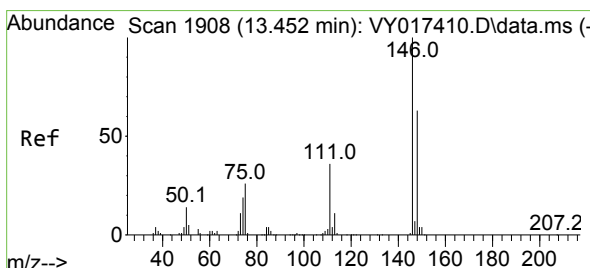
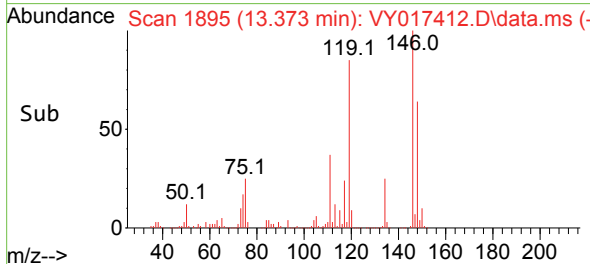
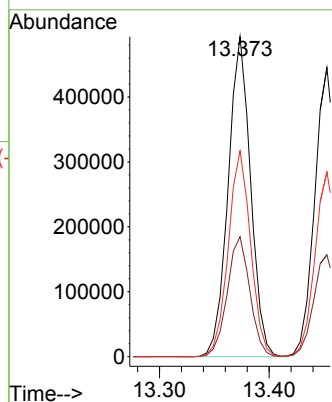
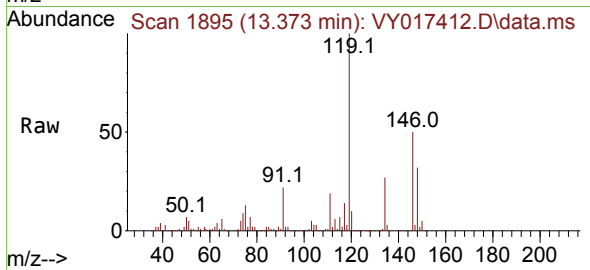
Tgt Ion:146 Resp: 699539

Ion Ratio Lower Upper

146 100

111 37.8 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 154.707 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

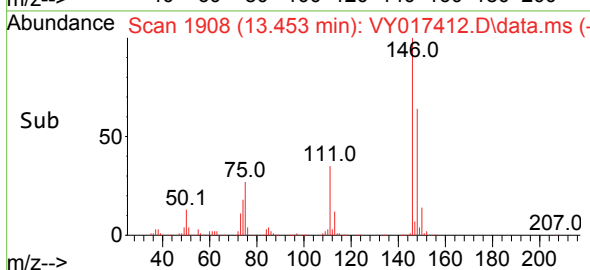
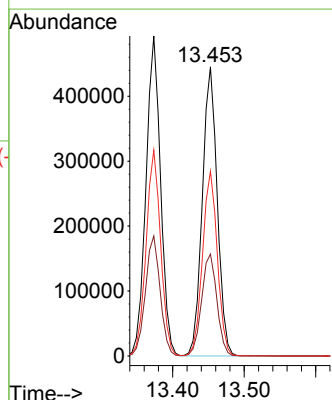
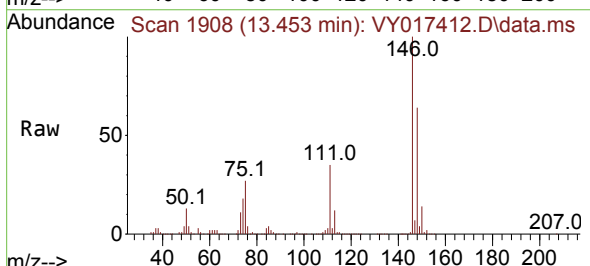
Tgt Ion:146 Resp: 644543

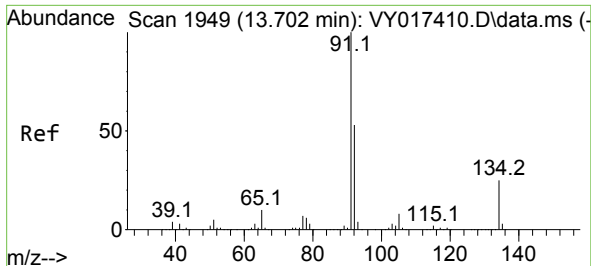
Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.4

148 63.5 32.4 97.2

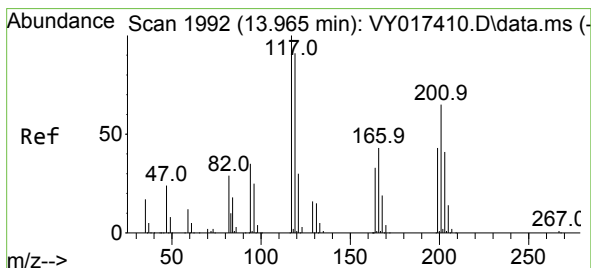
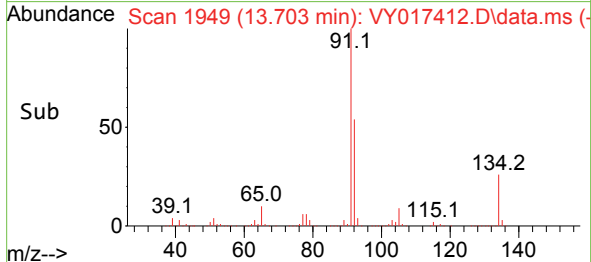
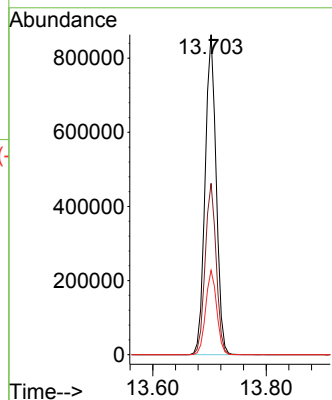
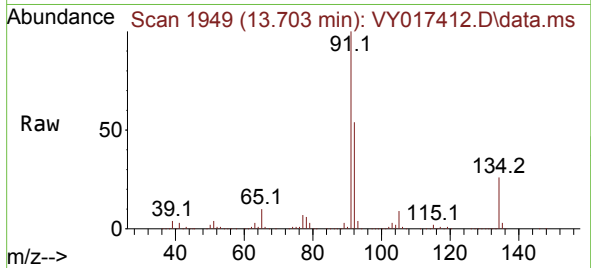




#89
n-Butylbenzene
Concen: 159.655 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

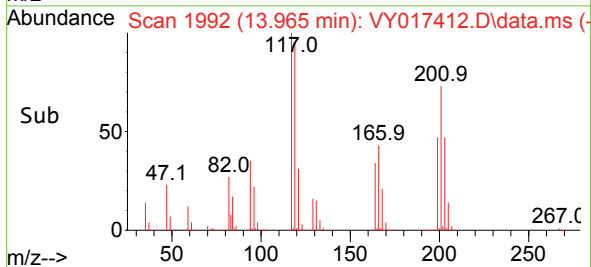
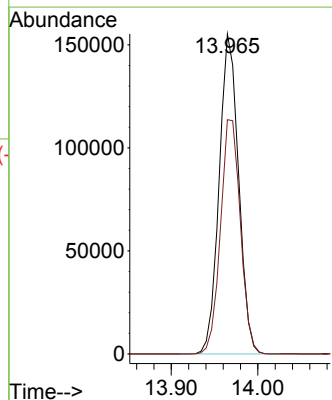
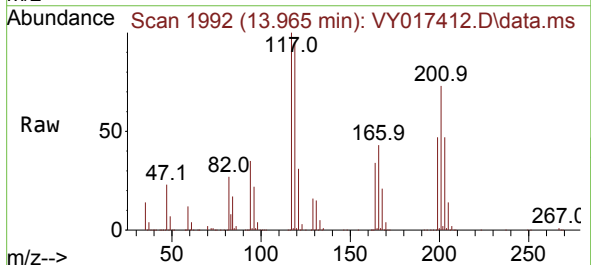
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

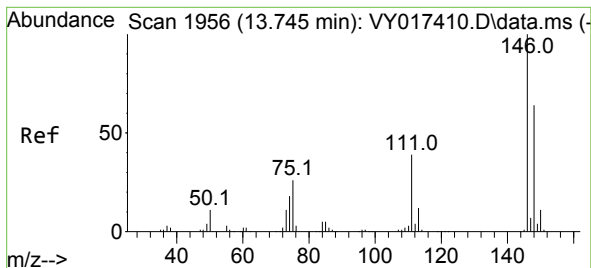
Tgt Ion: 91 Resp: 1168826
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 26.3 12.9 38.7



#90
Hexachloroethane
Concen: 153.256 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017412.D
Acq: 19 Feb 2024 18:35

Tgt Ion: 117 Resp: 241726
Ion Ratio Lower Upper
117 100
201 75.2 37.4 112.2

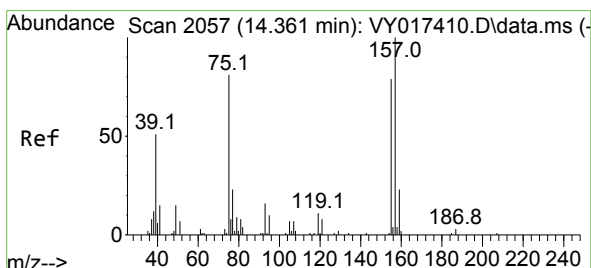
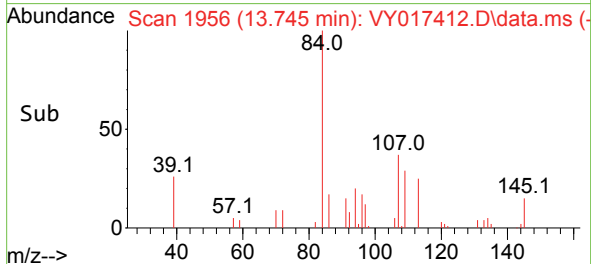
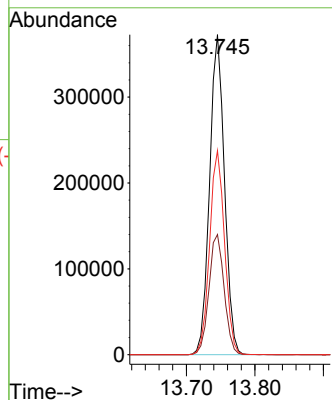
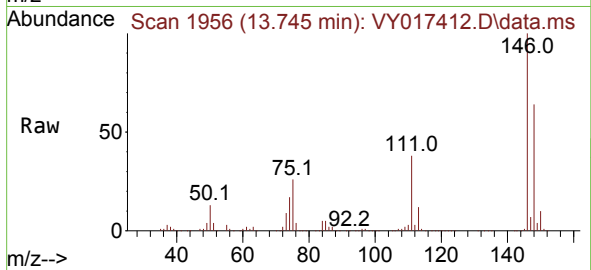




#91
 1,2-Dichlorobenzene
 Concen: 154.828 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

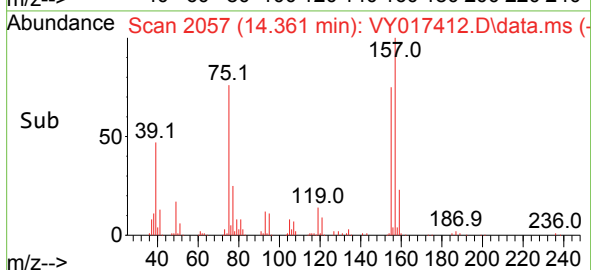
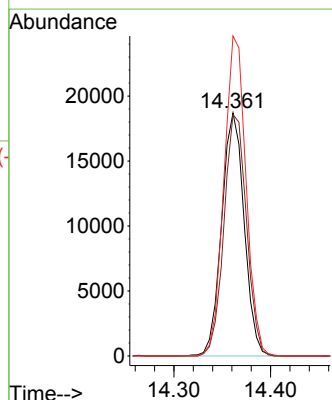
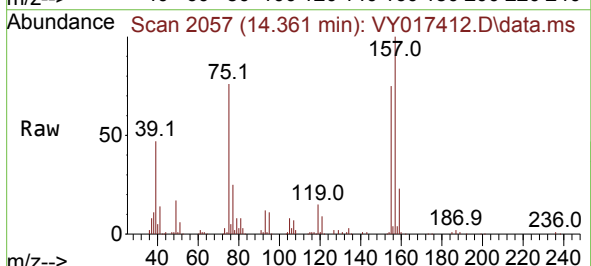
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

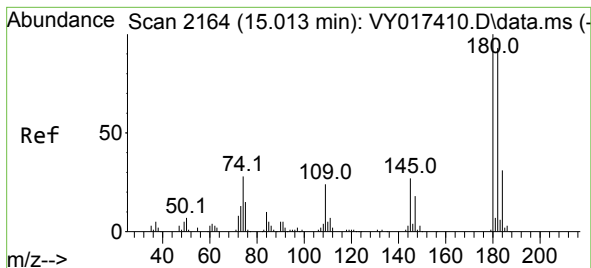
Tgt Ion:146 Resp: 562319
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 64.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.447 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VY017412.D
 Acq: 19 Feb 2024 18:35

Tgt Ion: 75 Resp: 30139
 Ion Ratio Lower Upper
 75 100
 155 99.4 48.6 145.8
 157 129.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 161.051 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

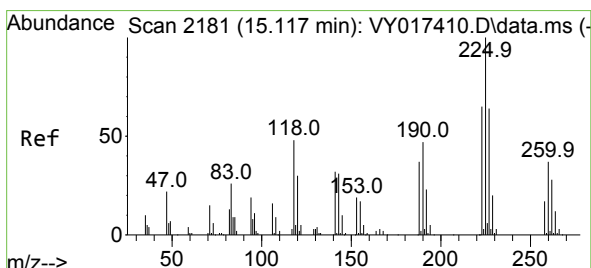
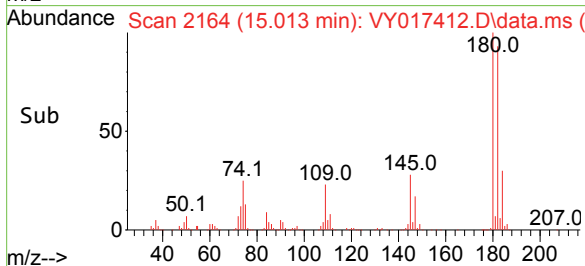
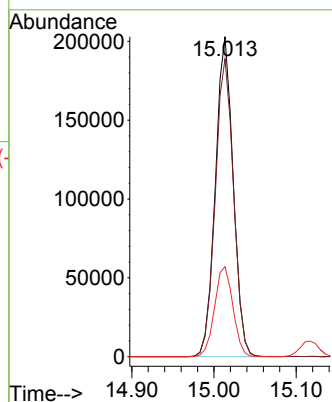
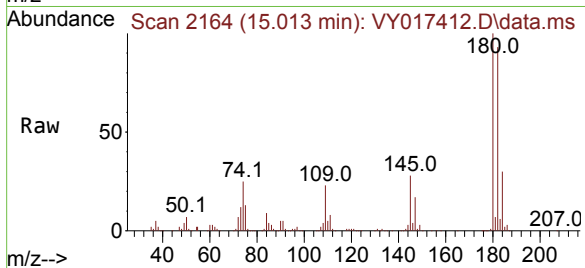
Tgt Ion:180 Resp: 305838

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 146.084 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

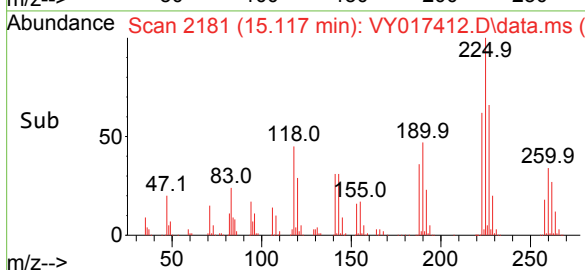
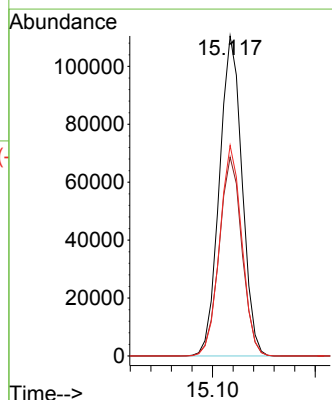
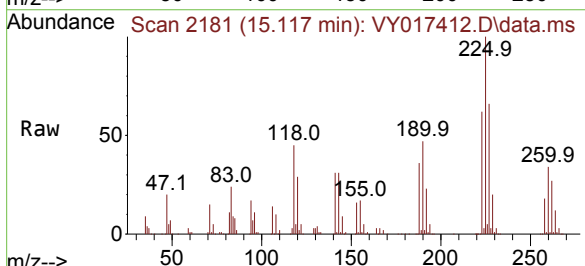
Tgt Ion:225 Resp: 168723

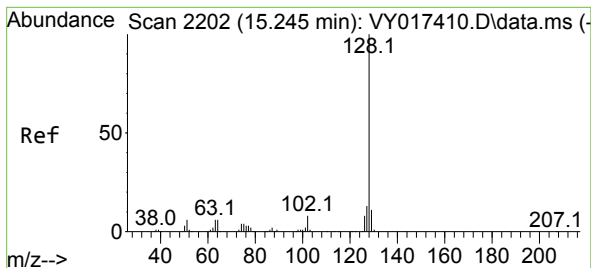
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 147.324 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

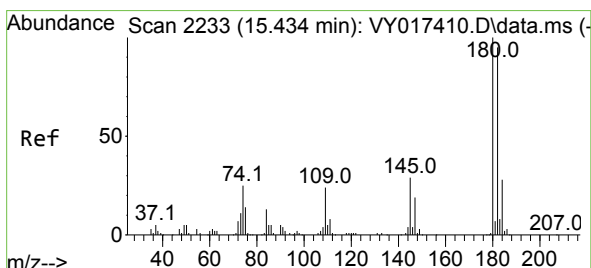
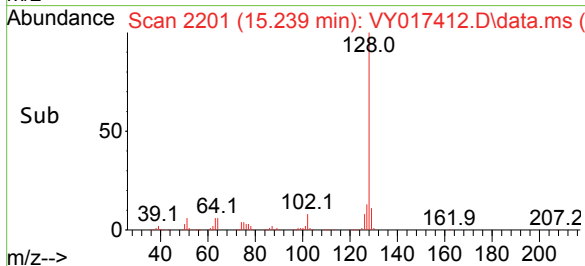
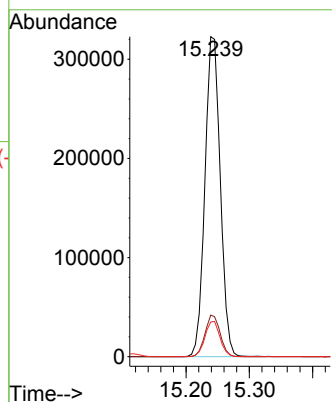
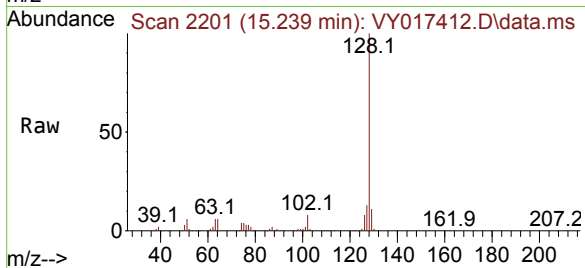
Tgt Ion:128 Resp: 545775

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: 157.739 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017412.D

Acq: 19 Feb 2024 18:35

Tgt Ion:180 Resp: 251833

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 30.9 15.4 46.1

