

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018017.D
 Acq On : 23 Apr 2024 10:25
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	355384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	554783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	473835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132861	43.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.400%
35) Dibromofluoromethane	7.716	113	151949	44.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.780%
50) Toluene-d8	10.185	98	605608	46.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.483	95	175387	43.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62609	22.207	ug/l	99
3) Chloromethane	2.113	50	95041	20.344	ug/l	97
4) Vinyl Chloride	2.253	62	107138	20.347	ug/l	100
5) Bromomethane	2.650	94	73521	20.977	ug/l	98
6) Chloroethane	2.796	64	66465	19.994	ug/l	97
7) Trichlorofluoromethane	3.125	101	129491	21.821	ug/l	99
8) Diethyl Ether	3.534	74	36620	19.529	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	83439	22.579	ug/l	98
10) Methyl Iodide	4.094	142	100564	20.455	ug/l	99
11) Tert butyl alcohol	4.954	59	19551	78.806	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	79446	22.146	ug/l	99
13) Acrolein	3.729	56	29128	121.612	ug/l	96
14) Allyl chloride	4.485	41	102514	22.081	ug/l	94
15) Acrylonitrile	5.161	53	72882	95.725	ug/l	100
16) Acetone	3.948	43	51767	85.190	ug/l	90
17) Carbon Disulfide	4.198	76	232937	20.411	ug/l	100
18) Methyl Acetate	4.485	43	28643	17.918	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	146913	18.791	ug/l	99
20) Methylene Chloride	4.716	84	87384	21.226	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	82424	20.973	ug/l	95
22) Diisopropyl ether	6.118	45	227580	22.361	ug/l	95
23) Vinyl Acetate	6.064	43	602887	99.894	ug/l	95
24) 1,1-Dichloroethane	6.021	63	146475	22.042	ug/l	99
25) 2-Butanone	6.984	43	81556	91.309	ug/l	91
26) 2,2-Dichloropropane	6.978	77	118603	22.246	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	91915	20.479	ug/l	96
28) Bromochloromethane	7.338	49	57069	21.832	ug/l	89
29) Tetrahydrofuran	7.350	42	52216	92.122	ug/l	91
30) Chloroform	7.508	83	143792	21.172	ug/l	99
31) Cyclohexane	7.789	56	125303	21.316	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	122260	21.614	ug/l	97
36) 1,1-Dichloropropene	7.923	75	107742	21.645	ug/l	98
37) Ethyl Acetate	7.076	43	38689	18.892	ug/l	98
38) Carbon Tetrachloride	7.905	117	108055	21.487	ug/l	99
39) Methylcyclohexane	9.185	83	131940	20.341	ug/l	92
40) Benzene	8.161	78	336927	21.610	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21047	16.287	ug/l	92
42) 1,2-Dichloroethane	8.240	62	72381	20.261	ug/l	99
43) Isopropyl Acetate	8.277	43	71008	18.601	ug/l	97
44) Trichloroethene	8.947	130	83923	21.182	ug/l	97
45) 1,2-Dichloropropane	9.222	63	78791	21.953	ug/l	100
46) Dibromomethane	9.307	93	38935	19.612	ug/l	99
47) Bromodichloromethane	9.496	83	104157	20.912	ug/l	99
48) Methyl methacrylate	9.295	41	32230	18.425	ug/l	92
49) 1,4-Dioxane	9.307	88	7570	334.019	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	185065	91.449	ug/l	96
52) Toluene	10.246	92	203974	21.320	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	89151	19.607	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	115367	20.654	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	53213	19.718	ug/l	95
56) Ethyl methacrylate	10.514	69	61532	17.490	ug/l	94
57) 1,3-Dichloropropane	10.794	76	90493	19.803	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	148561	81.235	ug/l	97
59) 2-Hexanone	10.837	43	124354	90.018	ug/l	94
60) Dibromochloromethane	10.989	129	66674	19.223	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46802	18.609	ug/l	97
64) Tetrachloroethene	10.721	164	71726	21.131	ug/l	98
65) Chlorobenzene	11.520	112	220556	21.238	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	71861	20.985	ug/l	99
67) Ethyl Benzene	11.593	91	376772	21.547	ug/l	99
68) m/p-Xylenes	11.709	106	289956	43.174	ug/l	99
69) o-Xylene	12.032	106	131456	20.960	ug/l	98
70) Styrene	12.050	104	221472	20.893	ug/l	99
71) Bromoform	12.209	173	35867	18.129	ug/l #	98
73) Isopropylbenzene	12.331	105	350067	22.103	ug/l	100
74) N-amyl acetate	12.148	43	59873	18.727	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	57751	19.551	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	69661	34.153	ug/l #	100
77) Bromobenzene	12.611	156	80096	20.897	ug/l	99
78) n-propylbenzene	12.672	91	438512	22.819	ug/l	100
79) 2-Chlorotoluene	12.757	91	239896	22.303	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	277466	22.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	19324	19.534	ug/l	99
82) 4-Chlorotoluene	12.861	91	242268	21.748	ug/l	99
83) tert-Butylbenzene	13.081	119	257596	22.457	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	275333	22.015	ug/l	99
85) sec-Butylbenzene	13.257	105	387304	22.480	ug/l	100
86) p-Isopropyltoluene	13.373	119	310280	21.917	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	157952	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	155559	20.837	ug/l	99
89) n-Butylbenzene	13.702	91	293940	22.070	ug/l	98
90) Hexachloroethane	13.965	117	63315	21.811	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	132837	20.247	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6916	18.202	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	68788	18.004	ug/l	99
94) Hexachlorobutadiene	15.117	225	45679	20.154	ug/l	99
95) Naphthalene	15.239	128	100040	15.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	55671	17.365	ug/l	99

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ClientSampleId :

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Response via : Initial Calibration

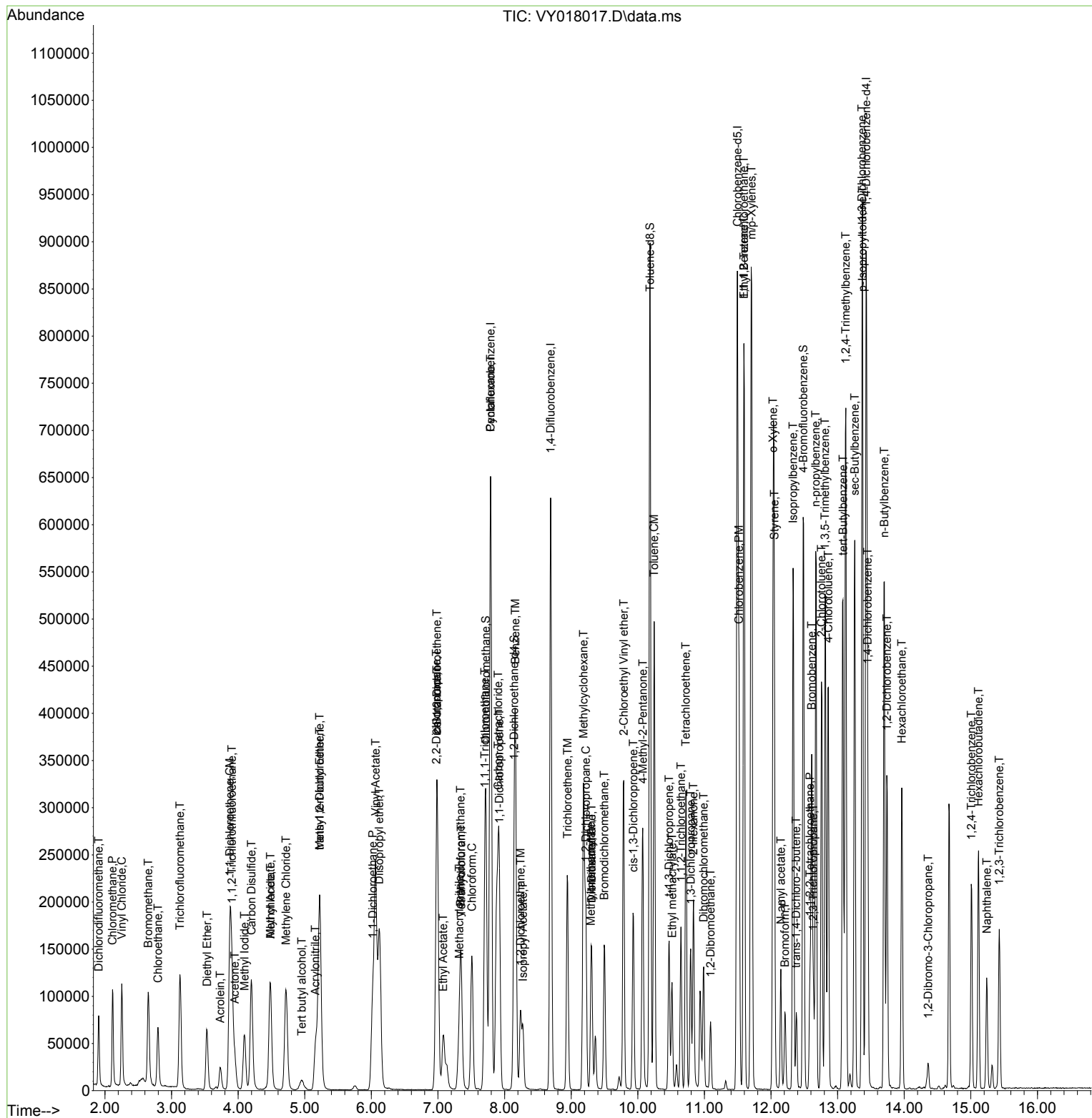
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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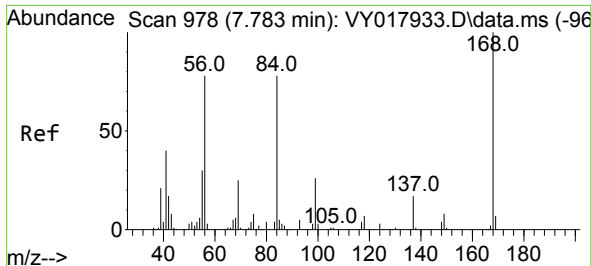
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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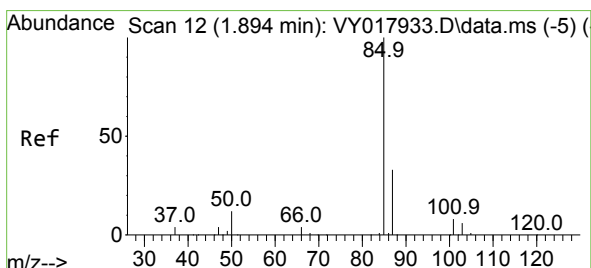
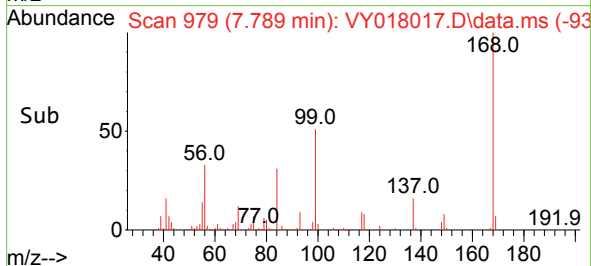
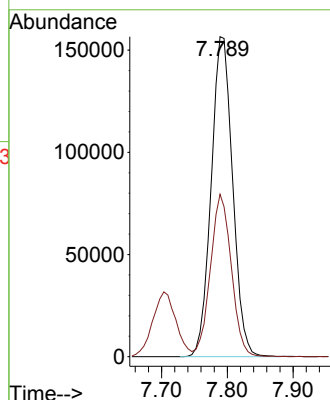
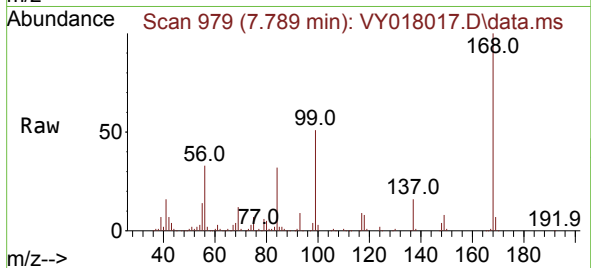




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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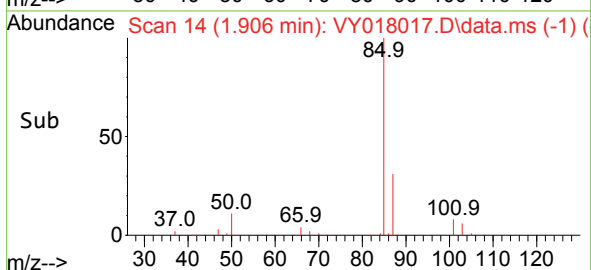
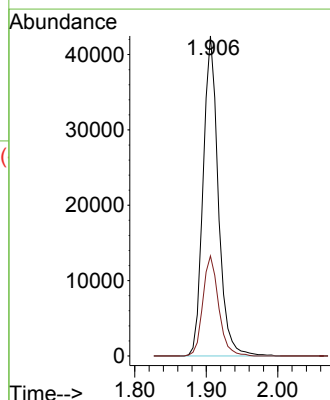
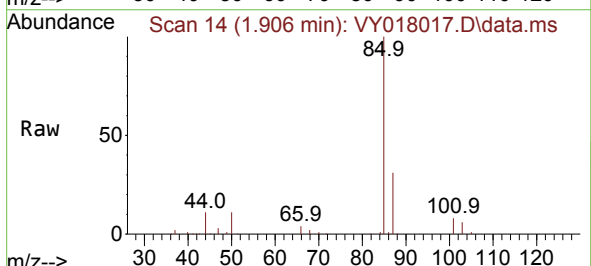
Instrument :
MSVOA_Y
ClientSampleId :

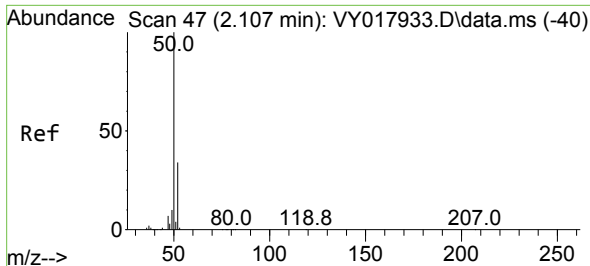
Tgt Ion:168 Resp: 355384
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.207 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 85 Resp: 62609
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0

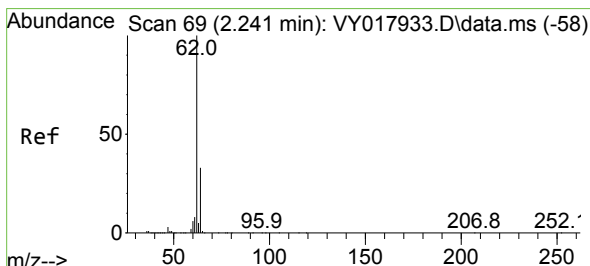
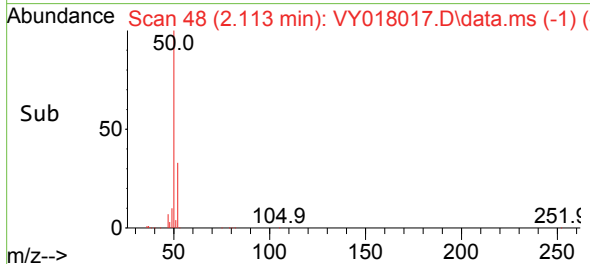
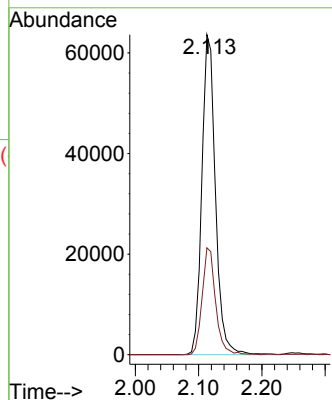
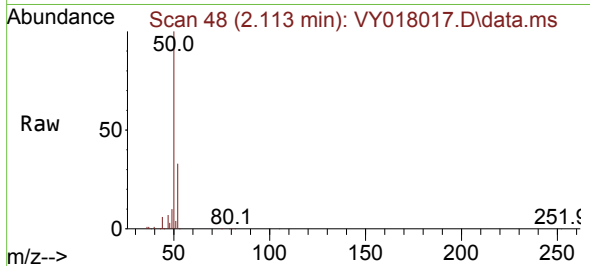




#3
Chloromethane
Concen: 20.344 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

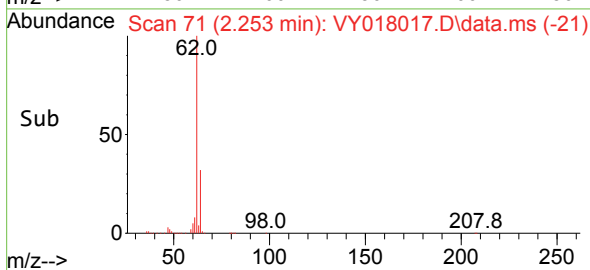
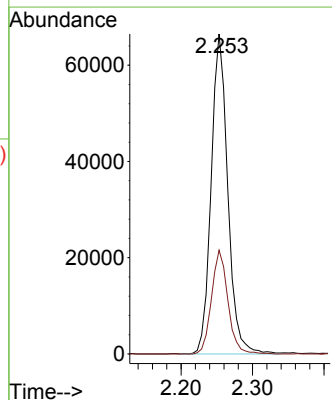
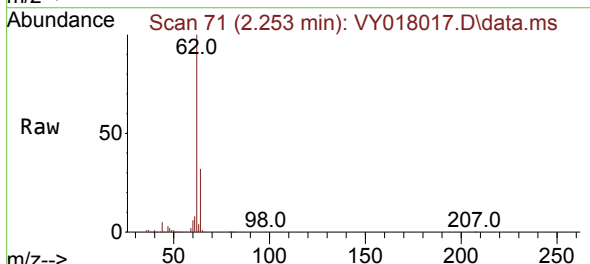
Instrument :
MSVOA_Y
ClientSampleId :

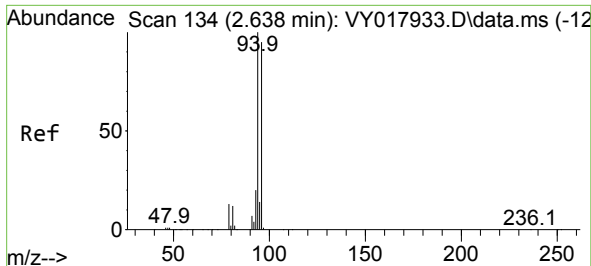
Tgt Ion: 50 Resp: 95041
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 20.347 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 62 Resp: 107138
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1





#5

Bromomethane

Concen: 20.977 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

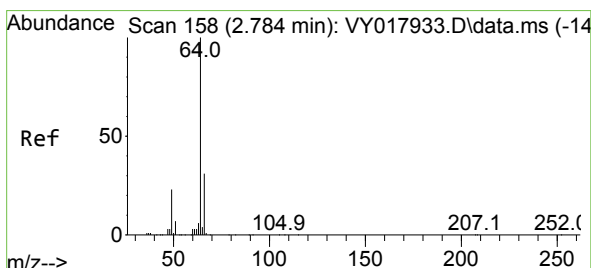
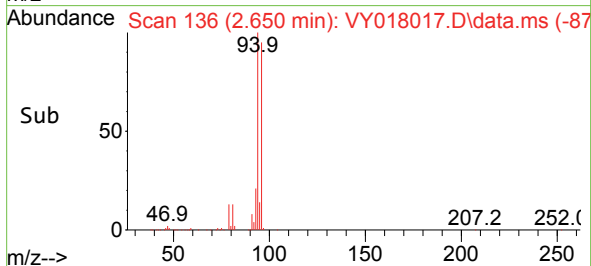
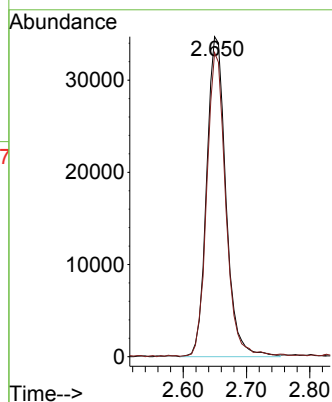
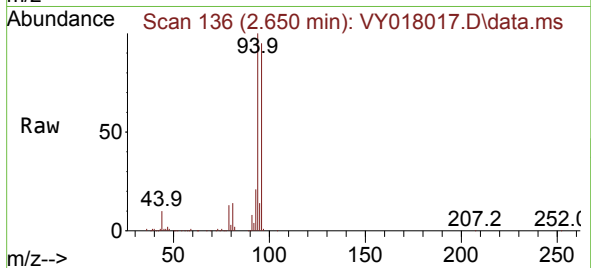
ClientSampleId :

Tgt Ion: 94 Resp: 73521

Ion Ratio Lower Upper

94 100

96 94.8 74.1 111.1



#6

Chloroethane

Concen: 19.994 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.006 min

Lab File: VY018017.D

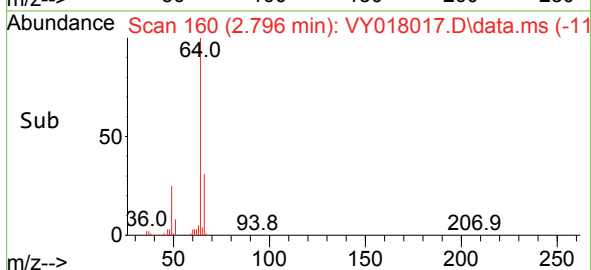
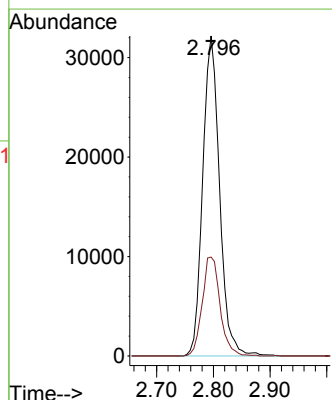
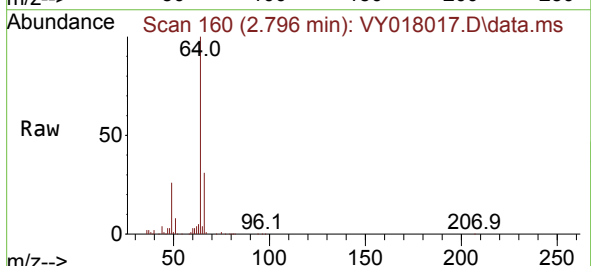
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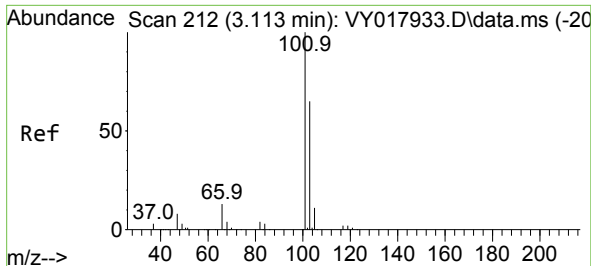
Tgt Ion: 64 Resp: 66465

Ion Ratio Lower Upper

64 100

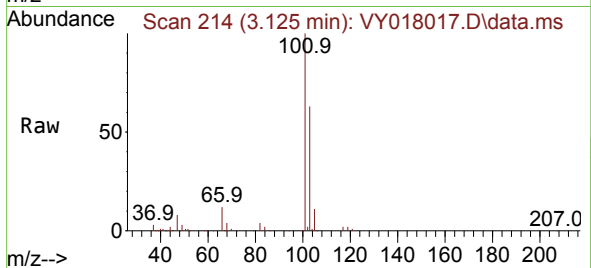
66 30.9 26.1 39.1



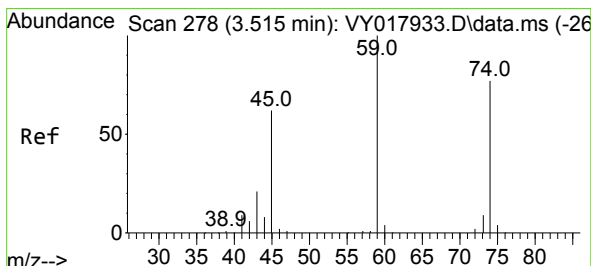
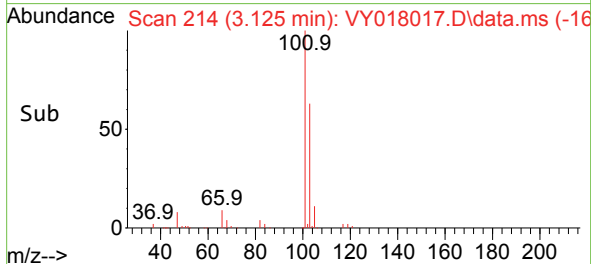
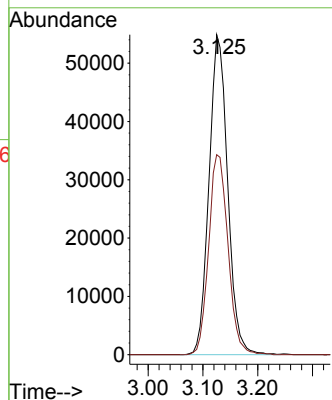


#7
 Trichlorofluoromethane
 Concen: 21.821 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018017.D
 Acq: 23 Apr 2024 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :

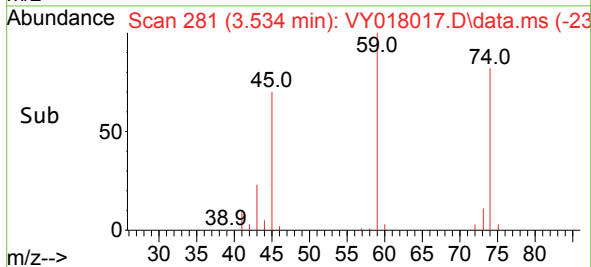
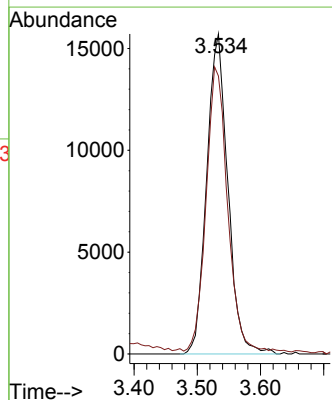
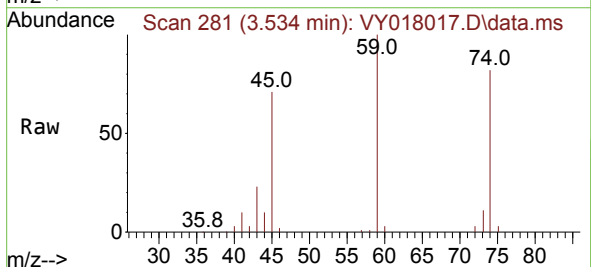


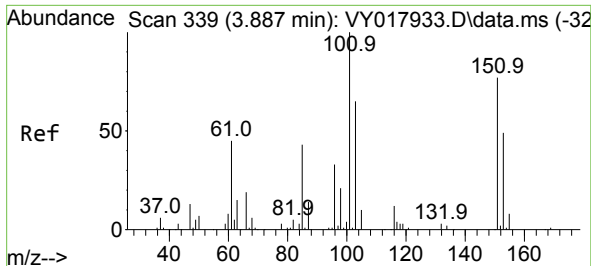
Tgt Ion:101 Resp: 129491
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.529 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY018017.D
 Acq: 23 Apr 2024 10:25

Tgt Ion: 74 Resp: 36620
 Ion Ratio Lower Upper
 74 100
 45 90.3 41.3 124.1

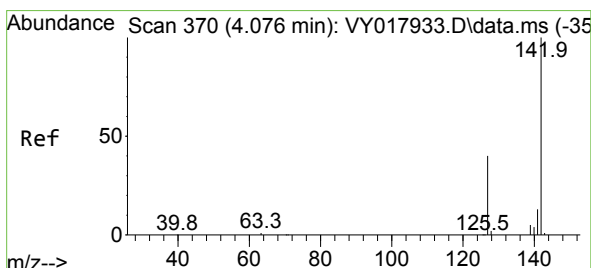
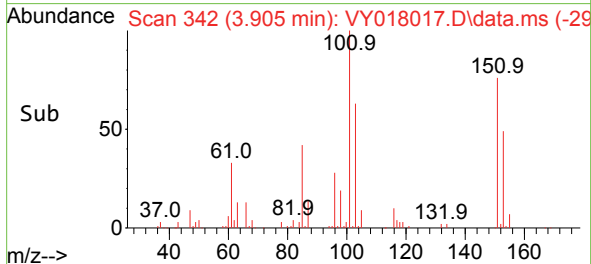
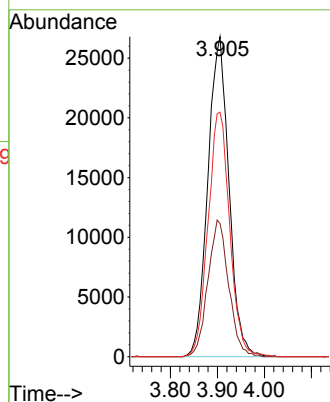
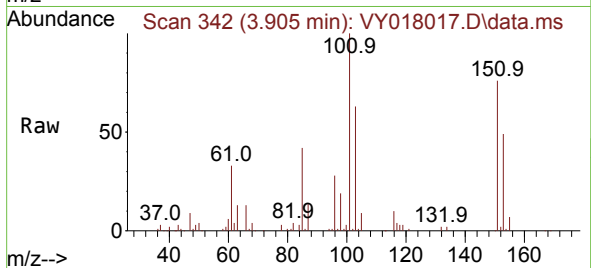




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.579 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

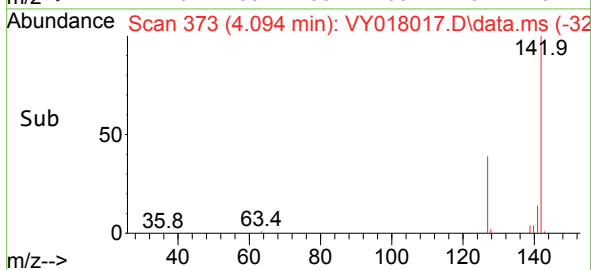
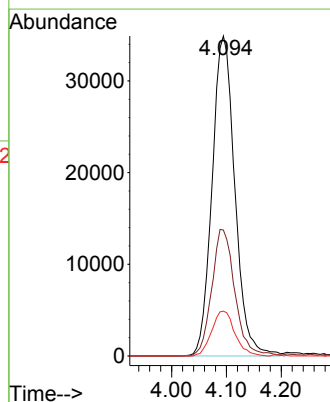
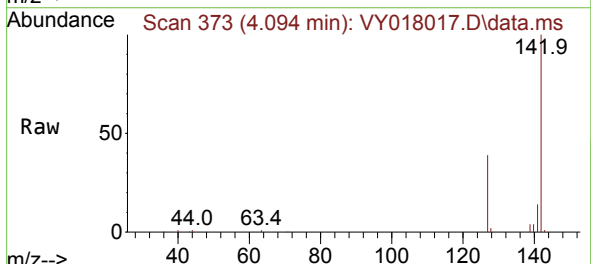
Instrument :
MSVOA_Y
ClientSampleId :

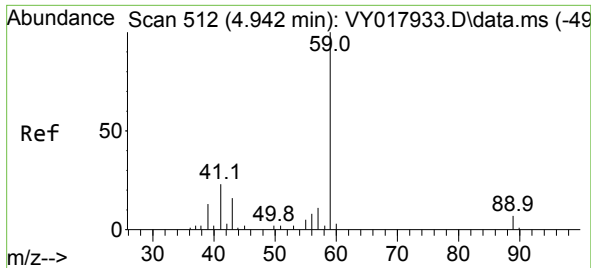
Tgt Ion:101 Resp: 83439
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 78.5 61.7 92.5



#10
Methyl Iodide
Concen: 20.455 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion:142 Resp: 100564
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 14.3 11.4 17.2

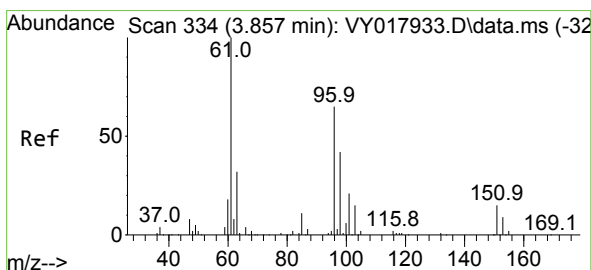
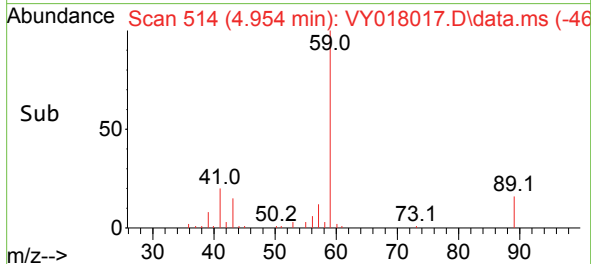
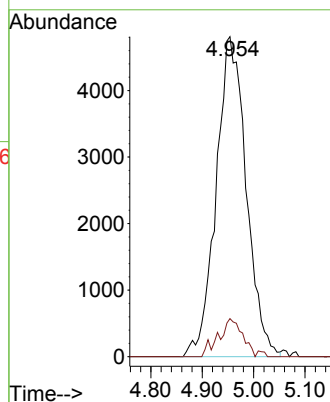
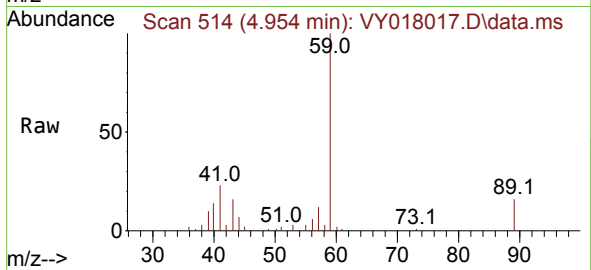




#11
Tert butyl alcohol
Concen: 78.806 ug/l
RT: 4.954 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

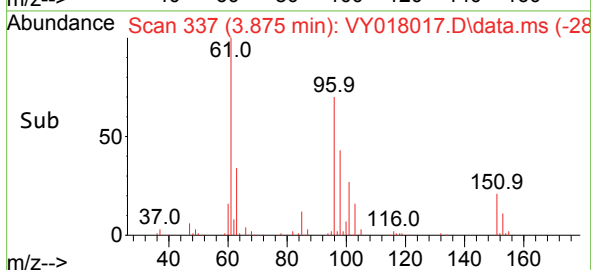
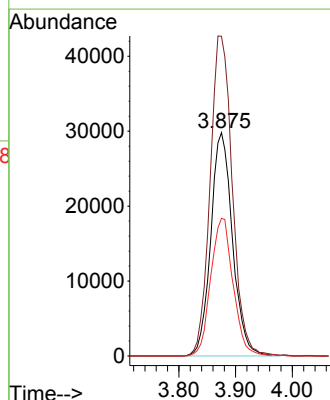
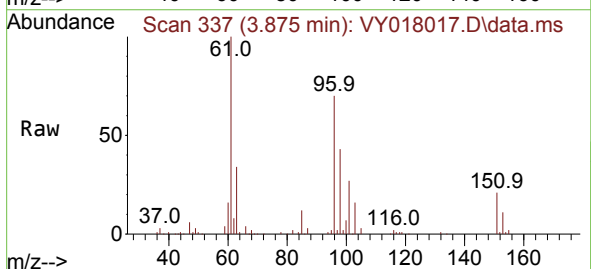
Instrument :
MSVOA_Y
ClientSampleId :

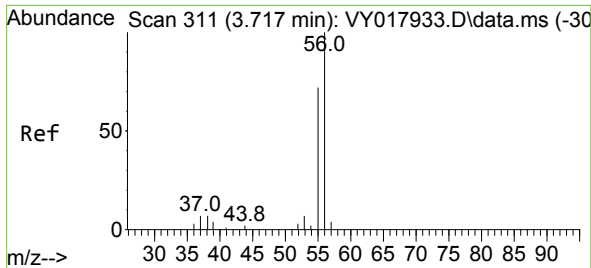
Tgt Ion: 59 Resp: 19551
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 22.146 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 96 Resp: 79446
Ion Ratio Lower Upper
96 100
61 143.2 114.6 171.8
98 61.6 50.8 76.2





#13

Acrolein

Concen: 121.612 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

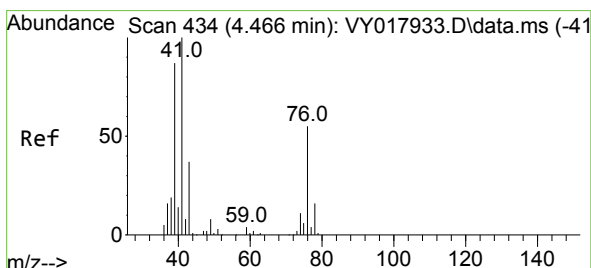
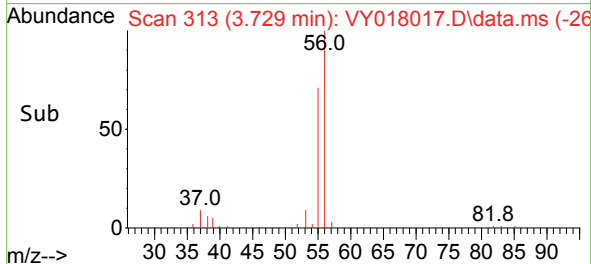
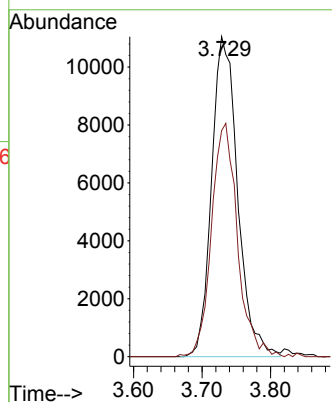
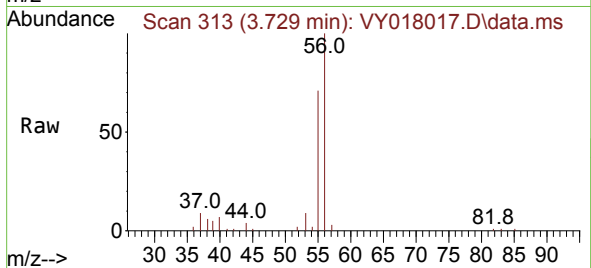
ClientSampleId :

Tgt Ion: 56 Resp: 29128

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



#14

Allyl chloride

Concen: 22.081 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

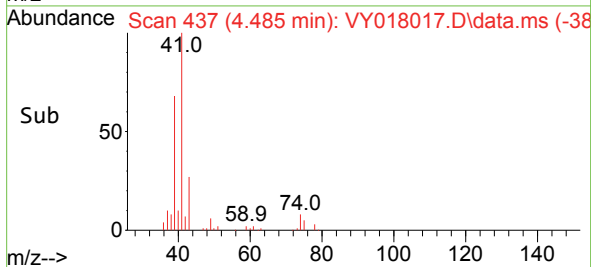
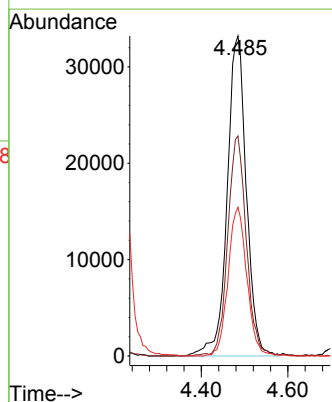
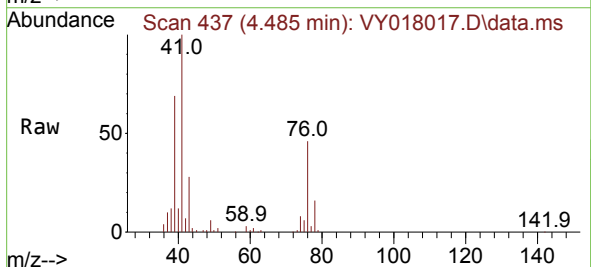
Tgt Ion: 41 Resp: 102514

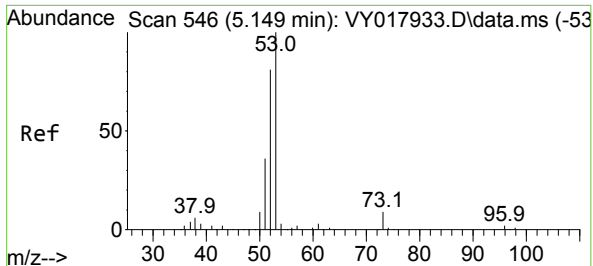
Ion Ratio Lower Upper

41 100

39 66.6 58.3 87.5

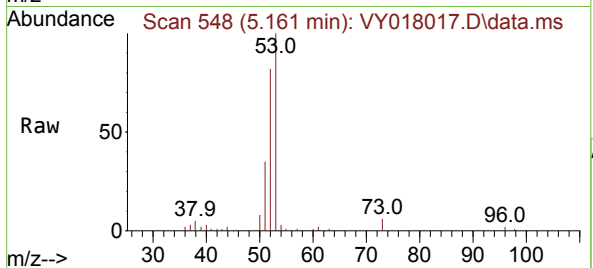
76 45.4 39.0 58.6



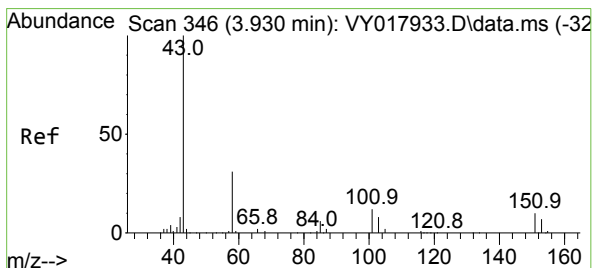
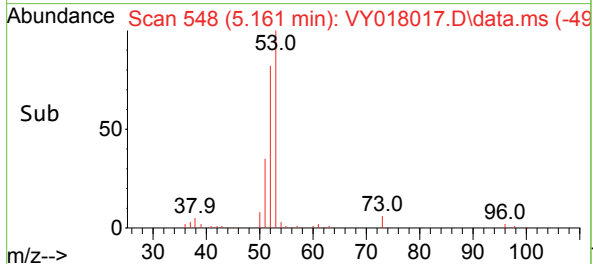
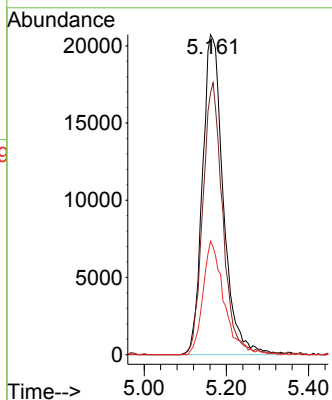


#15
Acrylonitrile
Concen: 95.725 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Instrument :
MSVOA_Y
ClientSampleId :

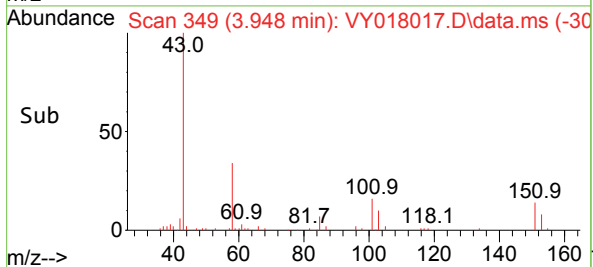
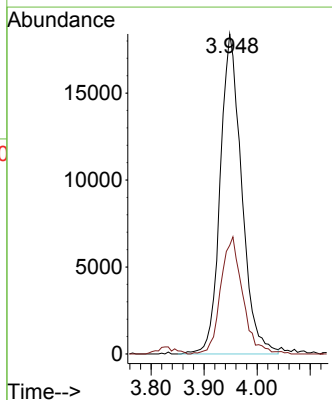
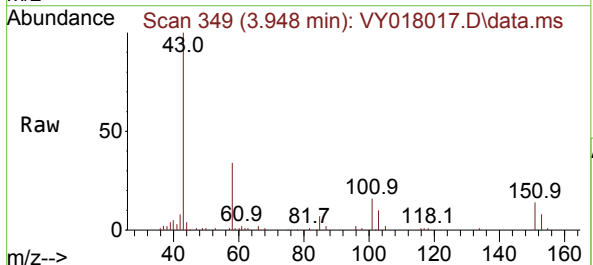


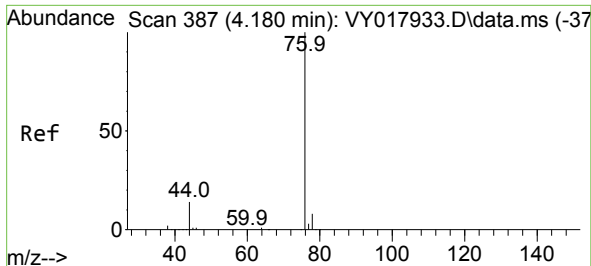
Tgt Ion: 53 Resp: 72882
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 35.6 28.4 42.6



#16
Acetone
Concen: 85.190 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 43 Resp: 51767
Ion Ratio Lower Upper
43 100
58 33.3 31.7 47.5





#17

Carbon Disulfide

Concen: 20.411 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

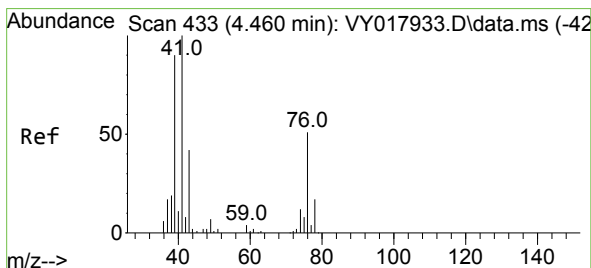
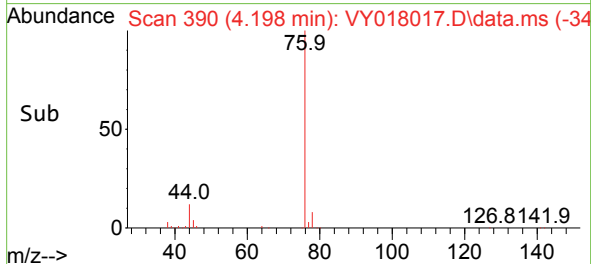
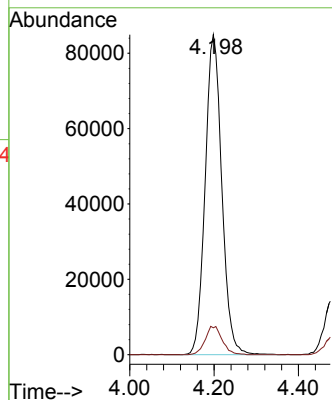
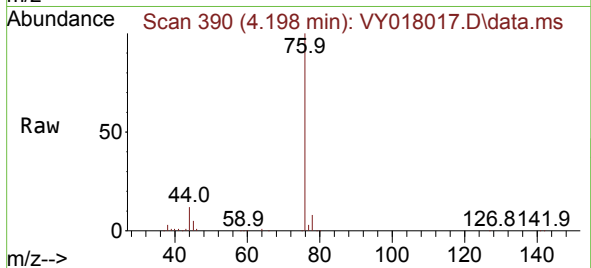
ClientSampleId :

Tgt Ion: 76 Resp: 232937

Ion Ratio Lower Upper

76 100

78 8.4 6.8 10.2



#18

Methyl Acetate

Concen: 17.918 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY018017.D

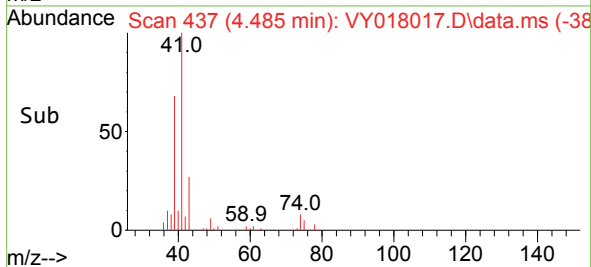
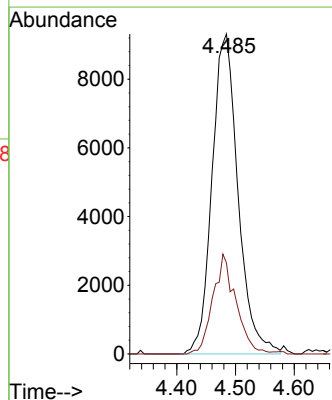
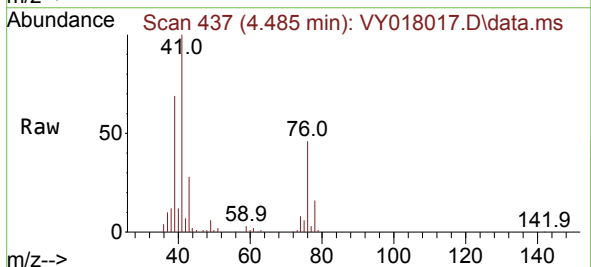
Acq: 23 Apr 2024 10:25

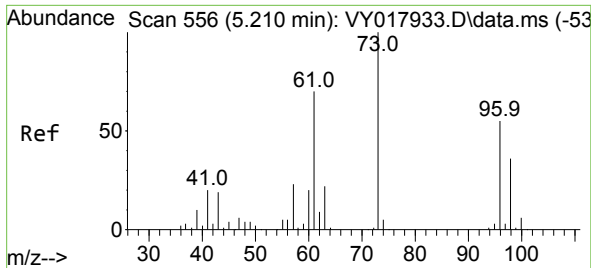
Tgt Ion: 43 Resp: 28643

Ion Ratio Lower Upper

43 100

74 27.6 23.3 34.9

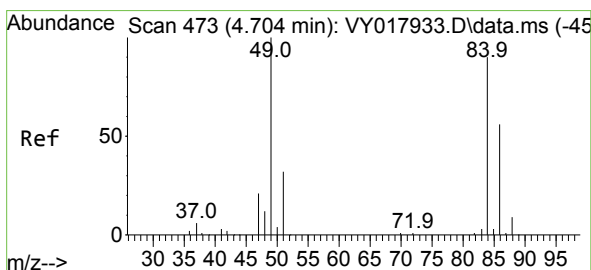
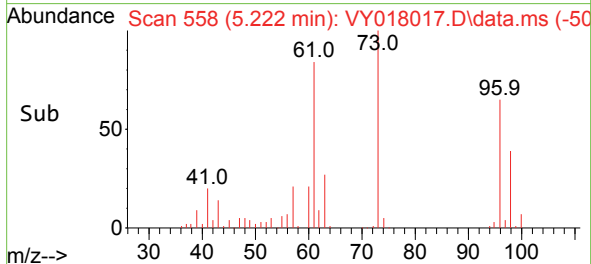
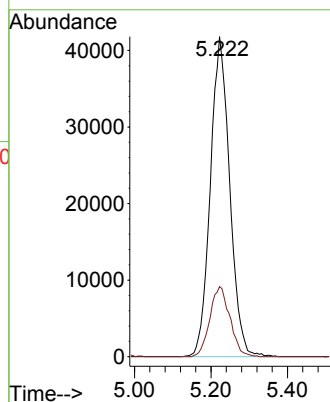
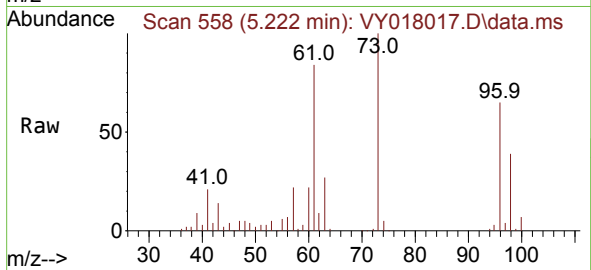




#19
Methyl tert-butyl Ether
Concen: 18.791 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

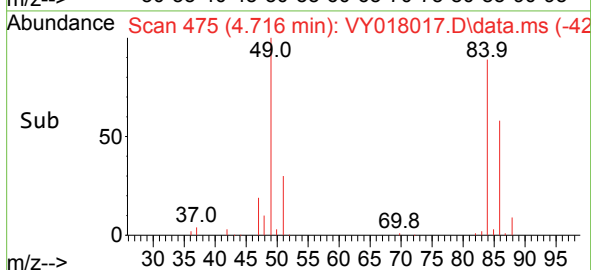
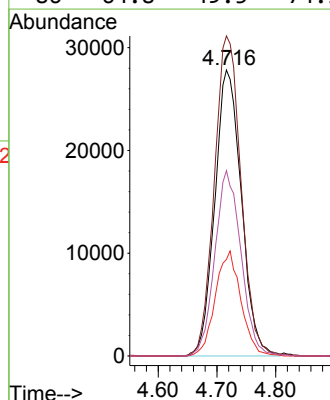
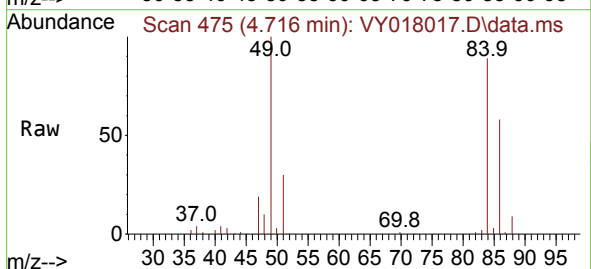
Instrument :
MSVOA_Y
ClientSampleId :

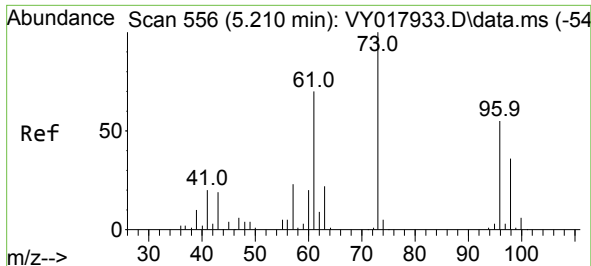
Tgt Ion: 73 Resp: 146913
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 21.226 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

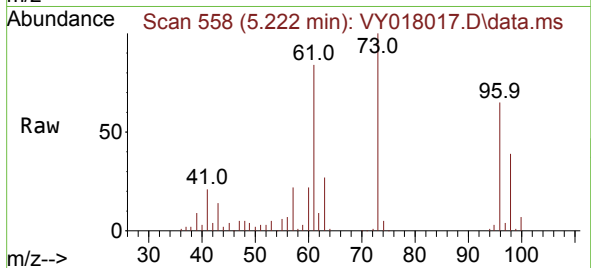
Tgt Ion: 84 Resp: 87384
Ion Ratio Lower Upper
84 100
49 111.9 84.4 126.6
51 33.8 26.0 39.0
86 64.8 49.5 74.3



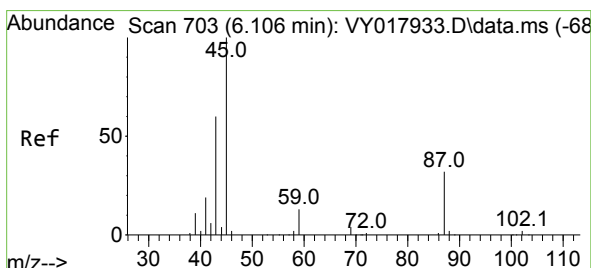
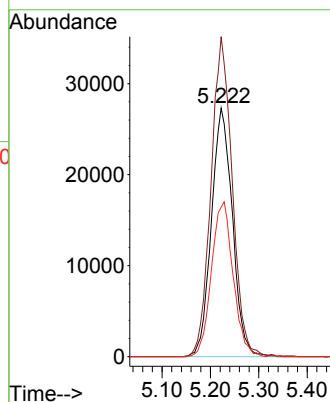
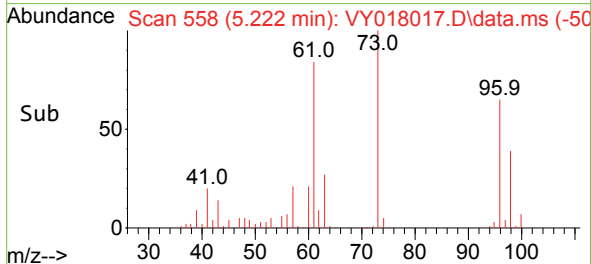


#21
trans-1,2-Dichloroethene
Concen: 20.973 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

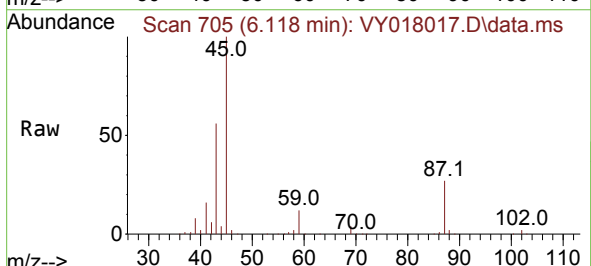
Instrument :
MSVOA_Y
ClientSampleId :



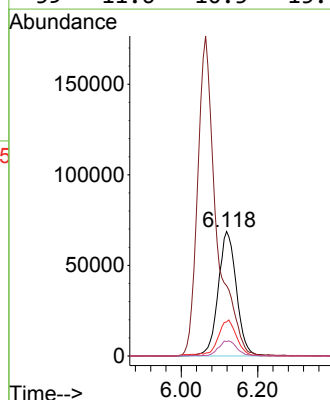
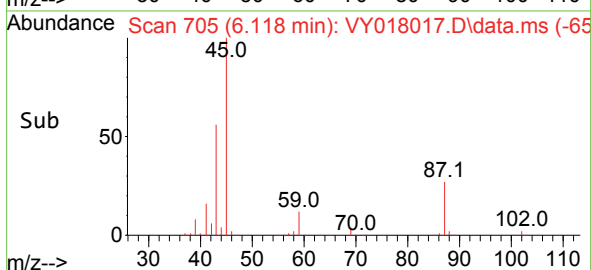
Tgt Ion: 96 Resp: 82424
Ion Ratio Lower Upper
96 100
61 128.7 97.5 146.3
98 60.1 50.5 75.7

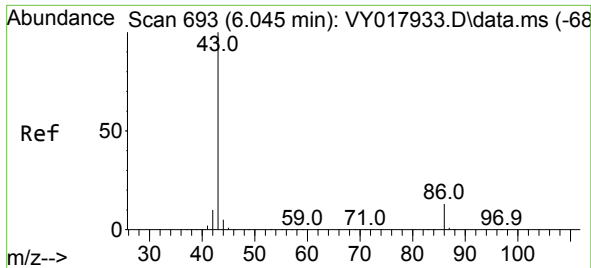


#22
Diisopropyl ether
Concen: 22.361 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25



Tgt Ion: 45 Resp: 227580
Ion Ratio Lower Upper
45 100
43 56.1 42.2 63.2
87 27.4 25.0 37.6
59 11.6 10.5 15.7

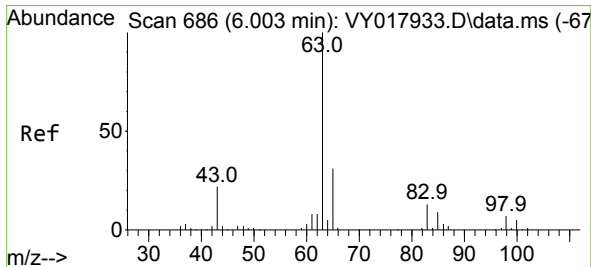
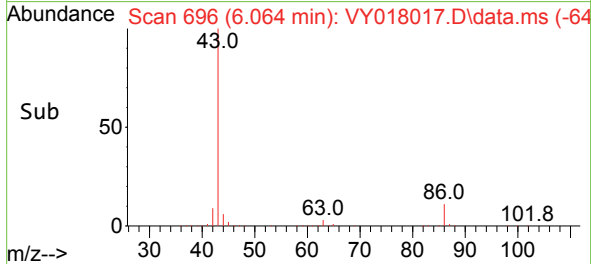
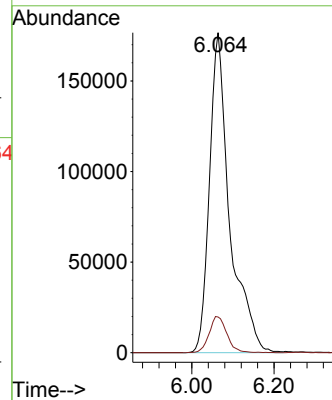
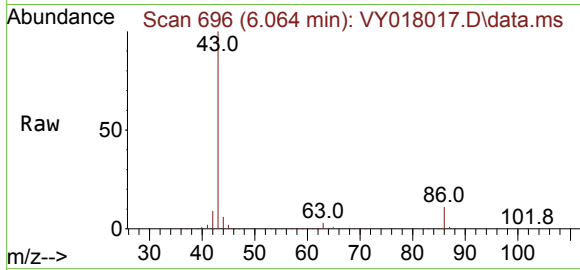




#23
 Vinyl Acetate
 Concen: 99.894 ug/l
 RT: 6.064 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018017.D
 Acq: 23 Apr 2024 10:25

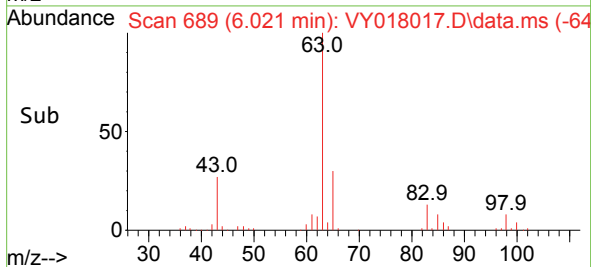
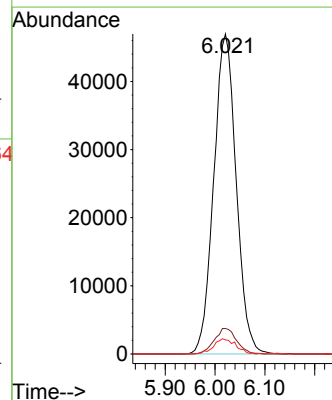
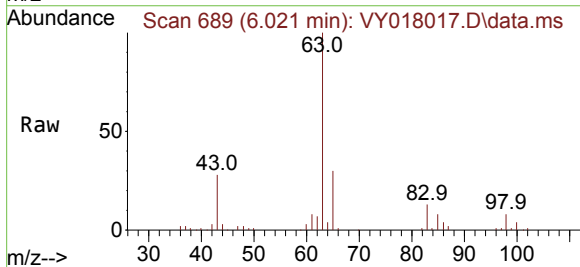
Instrument :
 MSVOA_Y
 ClientSampleId :

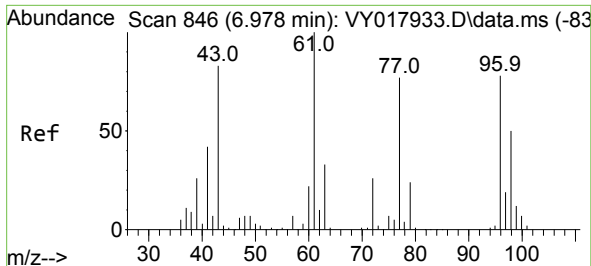
Tgt Ion: 43 Resp: 602887
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.042 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY018017.D
 Acq: 23 Apr 2024 10:25

Tgt Ion: 63 Resp: 146475
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 91.309 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

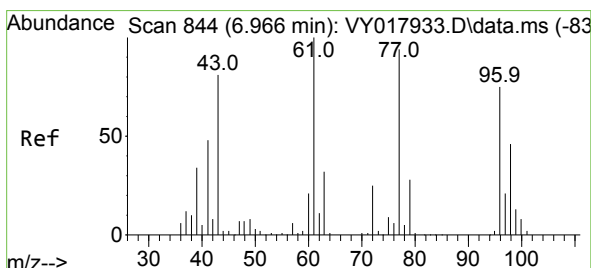
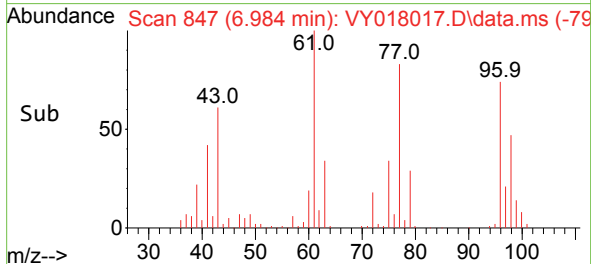
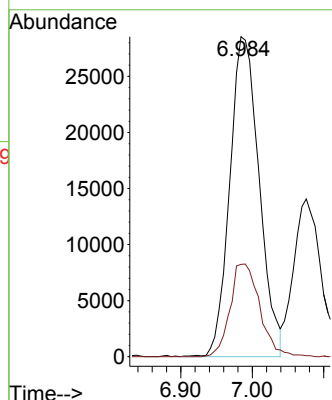
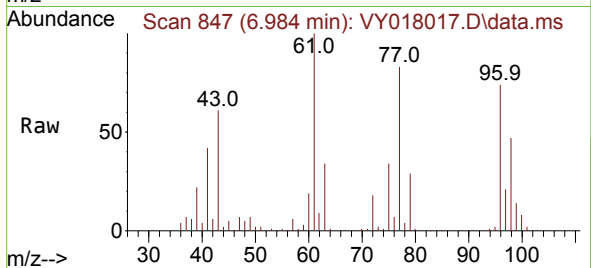
ClientSampleId :

Tgt Ion: 43 Resp: 81556

Ion Ratio Lower Upper

43 100

72 28.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 22.246 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018017.D

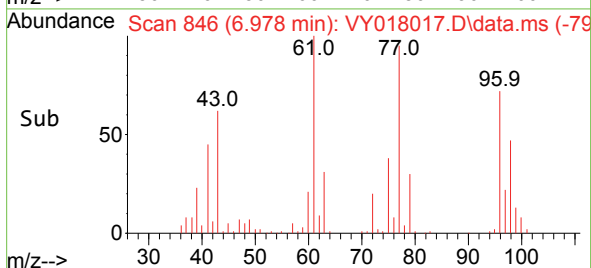
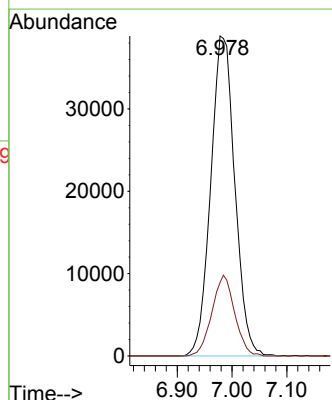
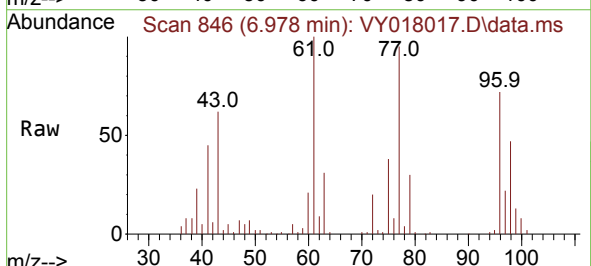
Acq: 23 Apr 2024 10:25

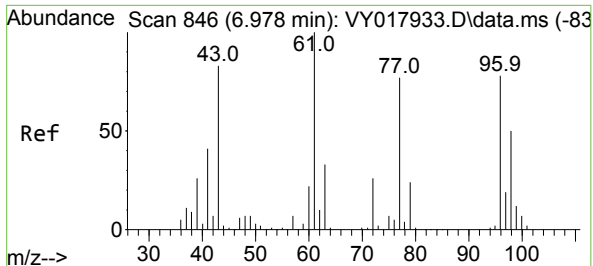
Tgt Ion: 77 Resp: 118603

Ion Ratio Lower Upper

77 100

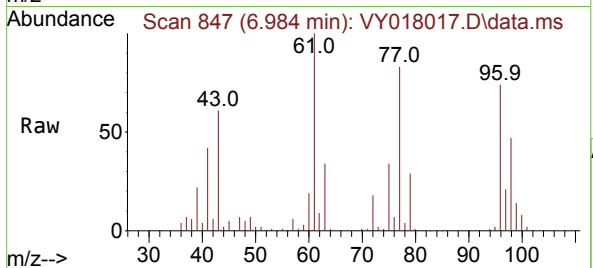
97 23.8 12.0 36.1



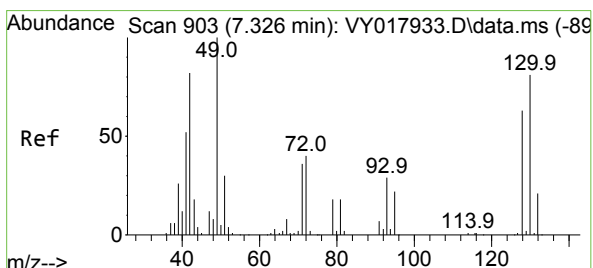
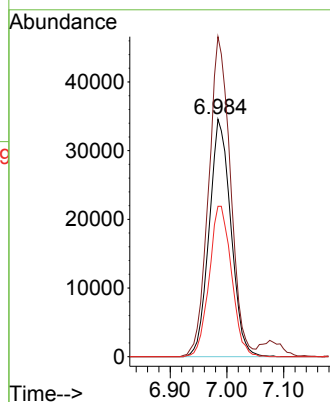
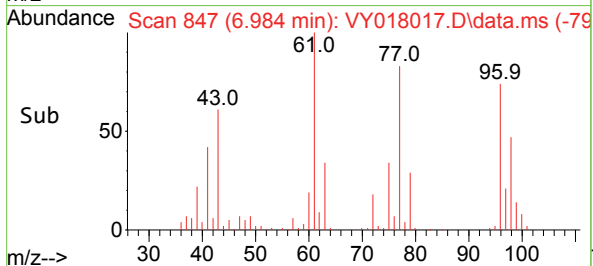


#27
cis-1,2-Dichloroethene
Concen: 20.479 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Instrument :
MSVOA_Y
ClientSampleId :

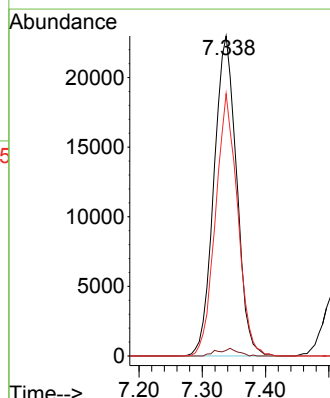
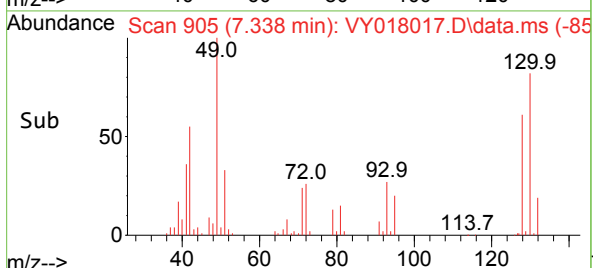
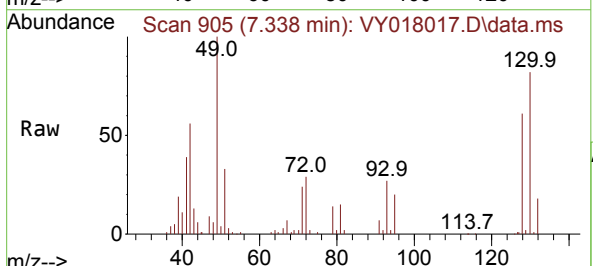


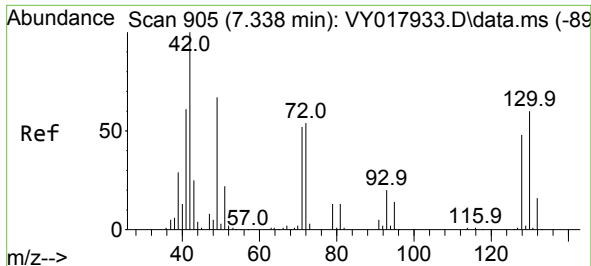
Tgt Ion: 96 Resp: 91915
Ion Ratio Lower Upper
96 100
61 135.8 0.0 256.2
98 65.0 0.0 130.0



#28
Bromochloromethane
Concen: 21.832 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 49 Resp: 57069
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 79.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 92.122 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

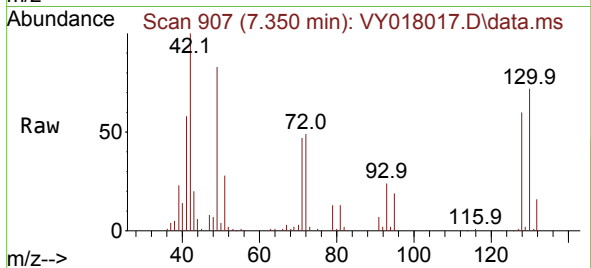
Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :



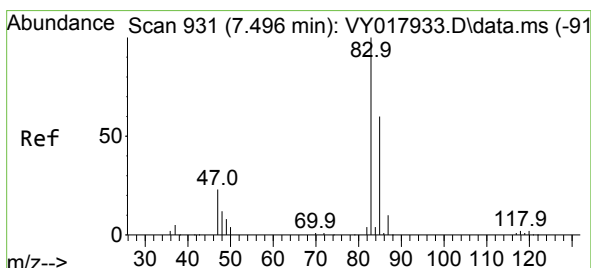
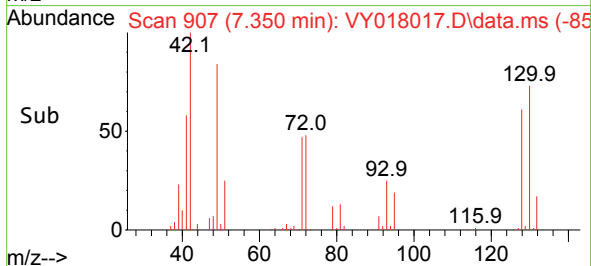
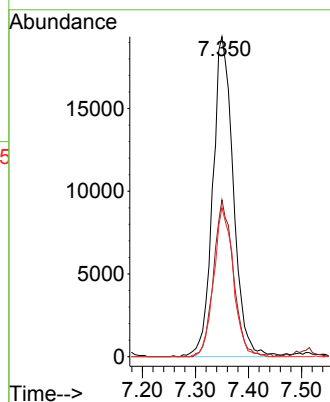
Tgt Ion: 42 Resp: 52216

Ion Ratio Lower Upper

42 100

72 47.1 43.0 64.4

71 44.4 40.8 61.2



#30

Chloroform

Concen: 21.172 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY018017.D

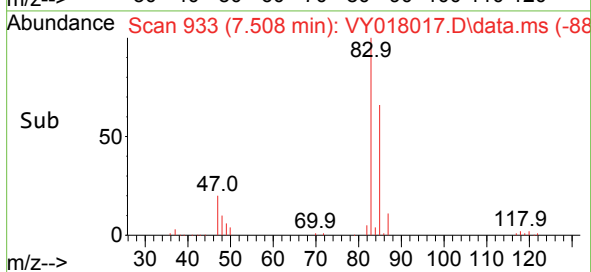
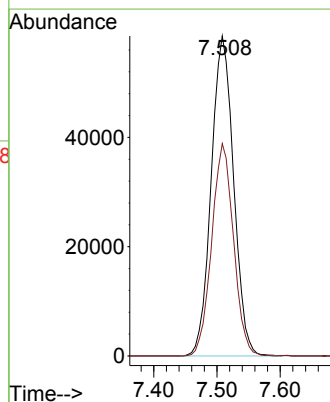
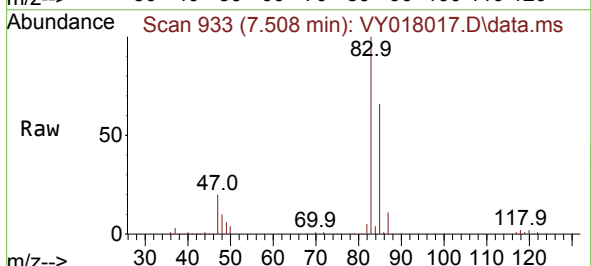
Acq: 23 Apr 2024 10:25

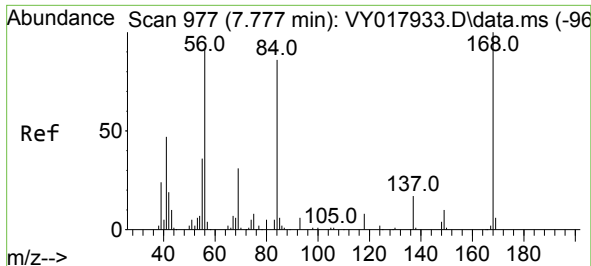
Tgt Ion: 83 Resp: 143792

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

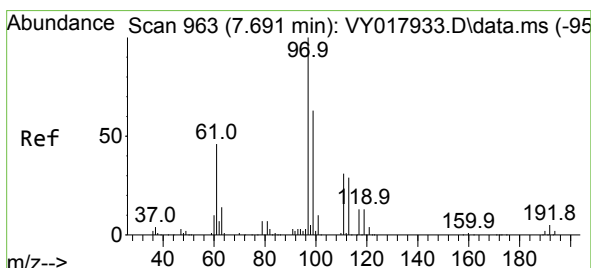
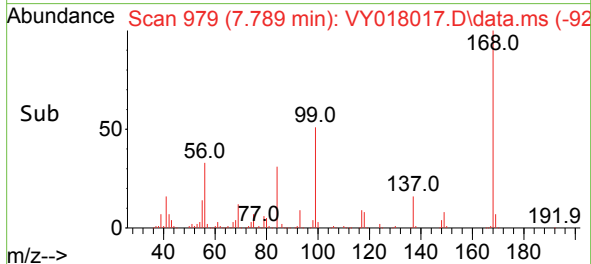
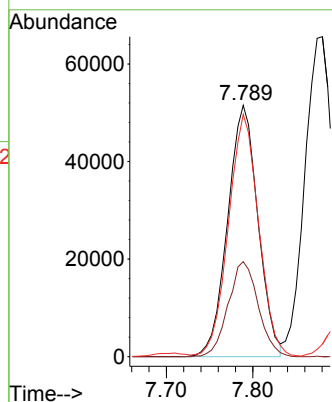
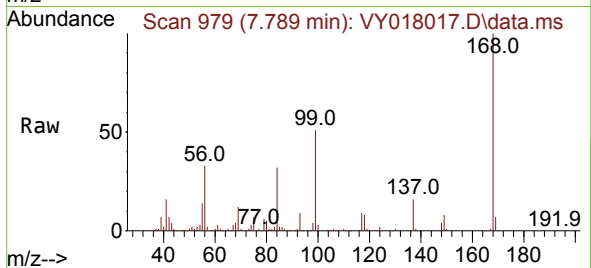




#31
Cyclohexane
Concen: 21.316 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

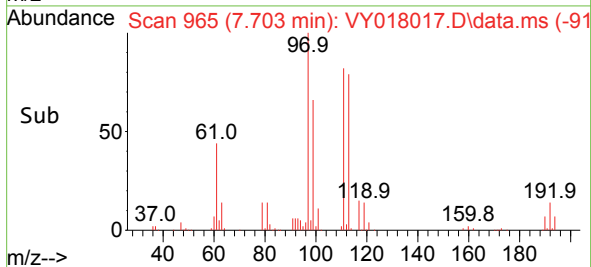
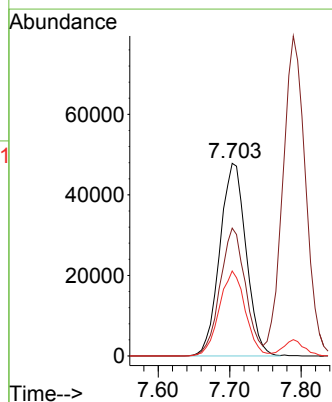
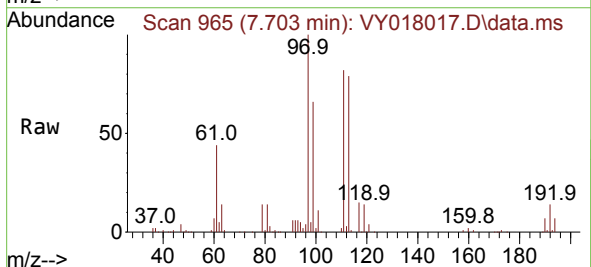
Instrument :
MSVOA_Y
ClientSampleId :

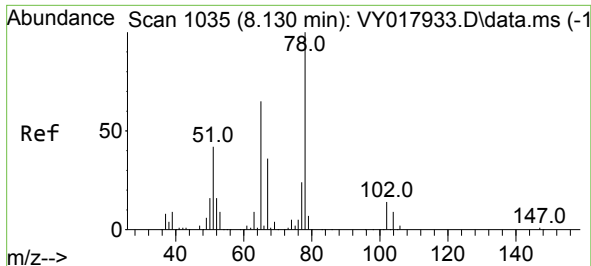
Tgt Ion: 56 Resp: 125303
Ion Ratio Lower Upper
56 100
69 37.8 28.7 43.1
84 95.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.614 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 97 Resp: 122260
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 43.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.201 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

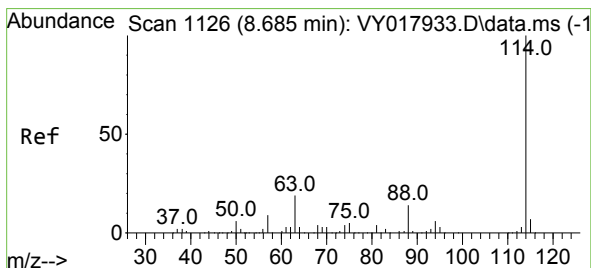
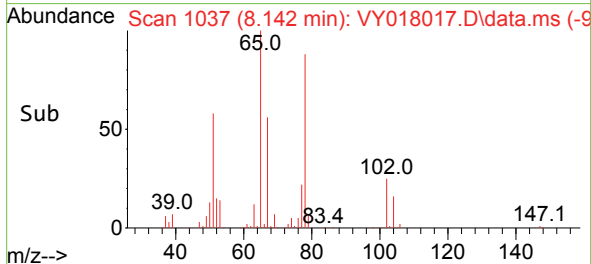
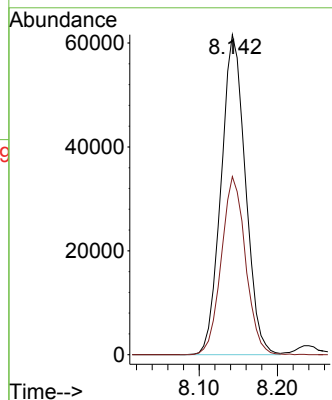
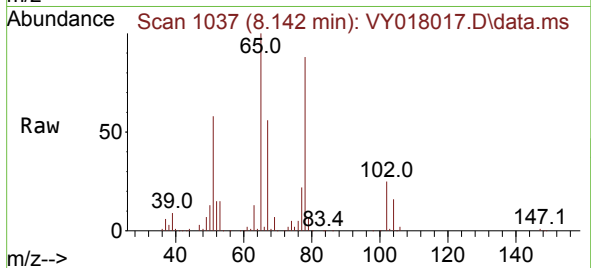
ClientSampleId :

Tgt Ion: 65 Resp: 132861

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

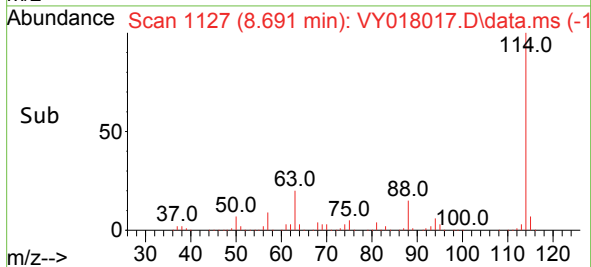
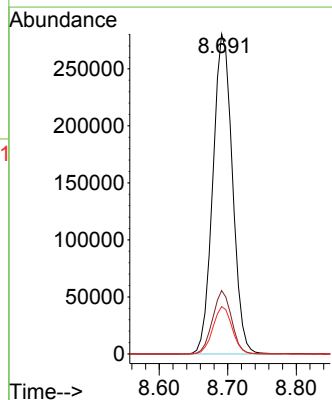
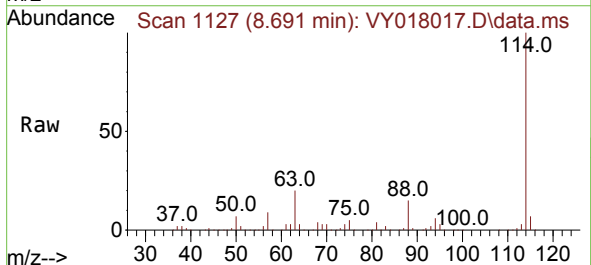
Tgt Ion:114 Resp: 554783

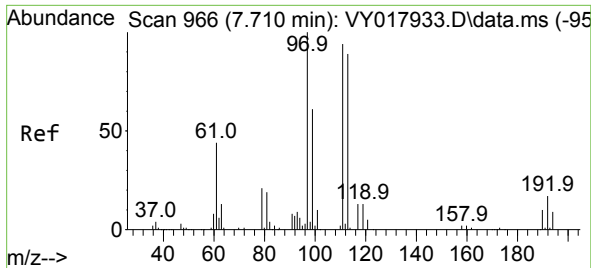
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 14.8 0.0 27.2

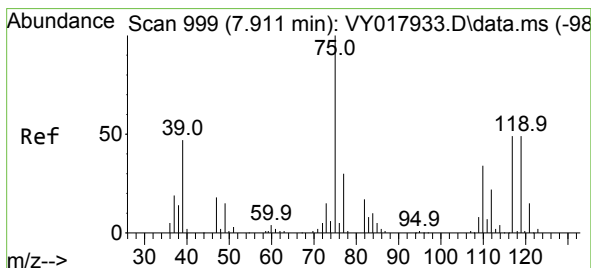
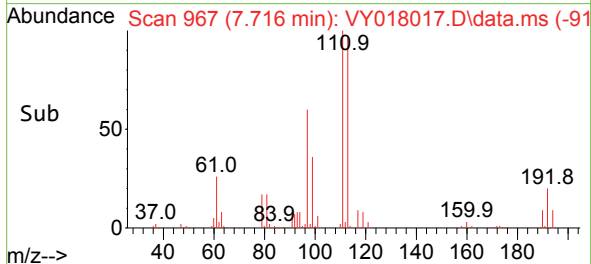
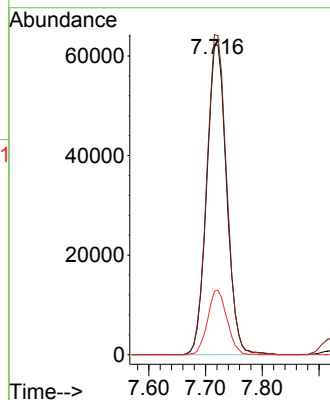
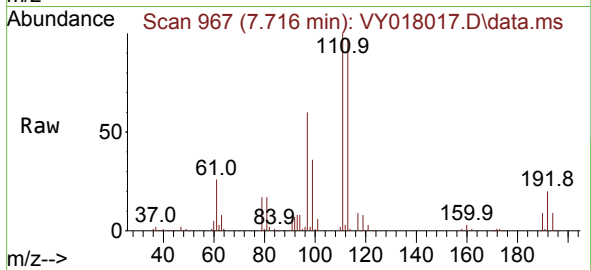




#35
Dibromofluoromethane
Concen: 44.395 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

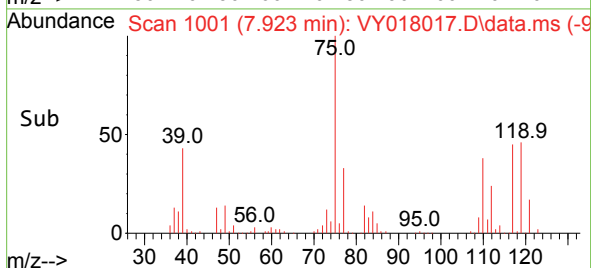
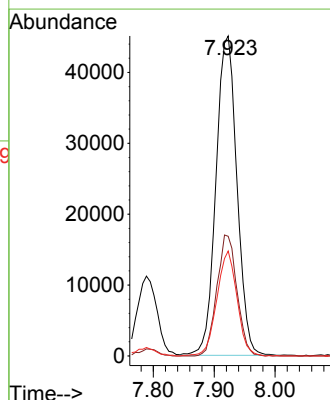
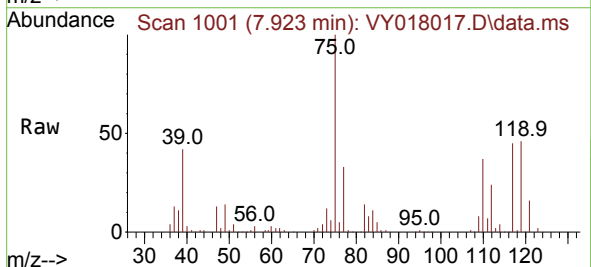
Instrument :
MSVOA_Y
ClientSampleId :

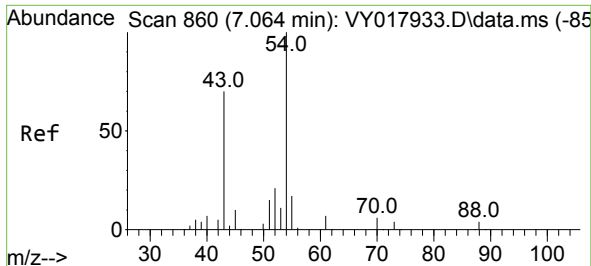
Tgt Ion:113 Resp: 151949
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.645 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 75 Resp: 107742
Ion Ratio Lower Upper
75 100
110 36.3 19.0 57.0
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 18.892 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

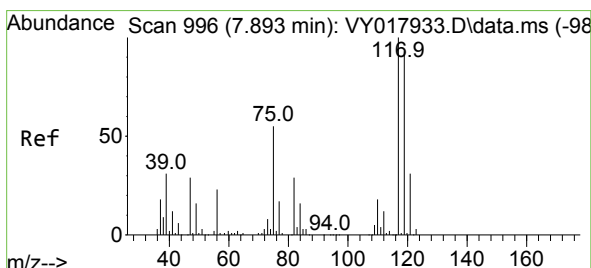
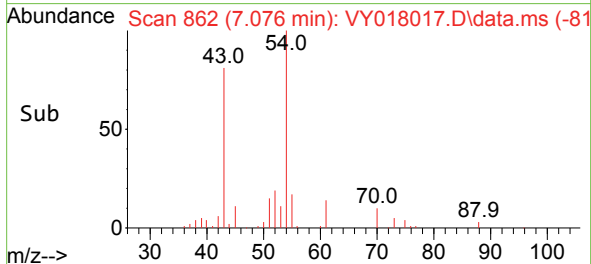
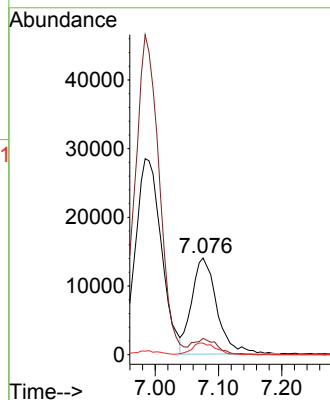
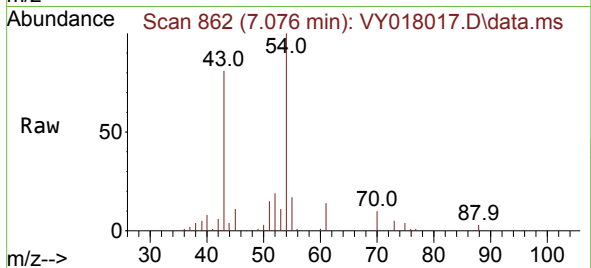
Tgt Ion: 43 Resp: 38689

Ion Ratio Lower Upper

43 100

61 16.0 12.6 19.0

70 11.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.487 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

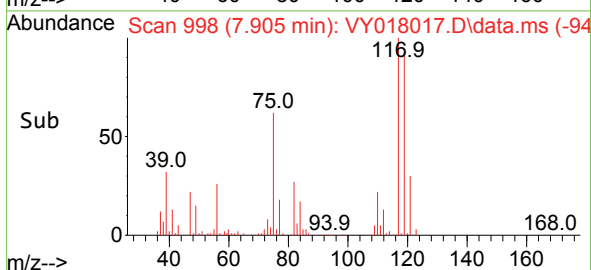
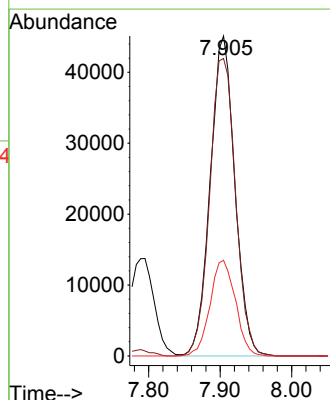
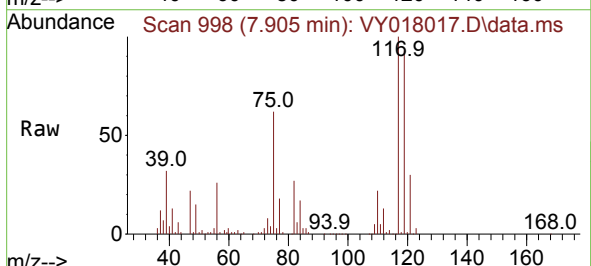
Tgt Ion:117 Resp: 108055

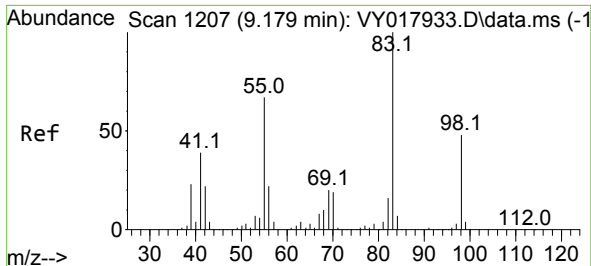
Ion Ratio Lower Upper

117 100

119 92.9 75.8 113.6

121 29.9 24.0 36.0





#39

Methylcyclohexane

Concen: 20.341 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

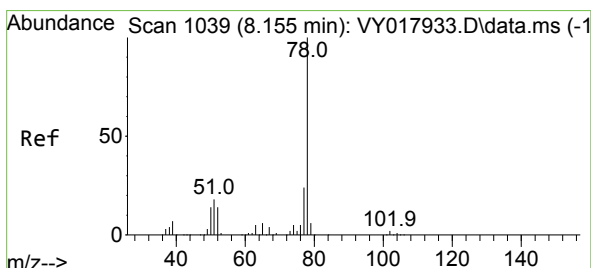
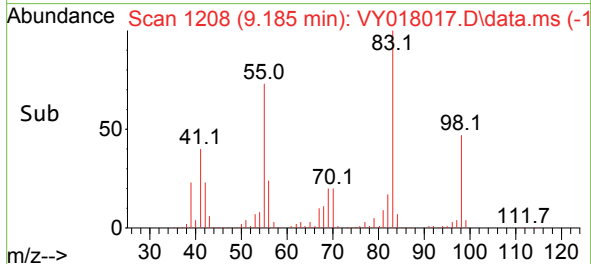
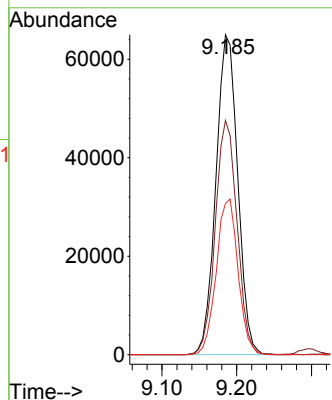
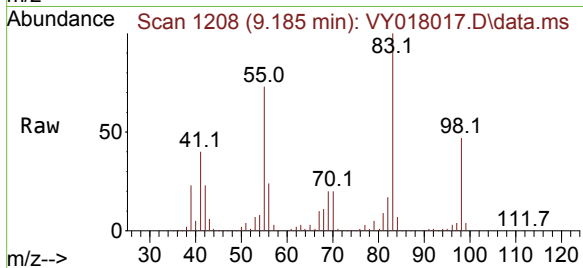
Tgt Ion: 83 Resp: 131940

Ion Ratio Lower Upper

83 100

55 73.2 51.5 77.3

98 47.2 40.5 60.7



#40

Benzene

Concen: 21.610 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY018017.D

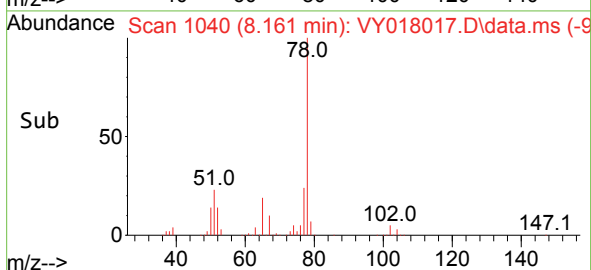
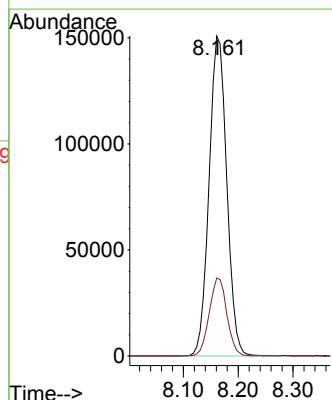
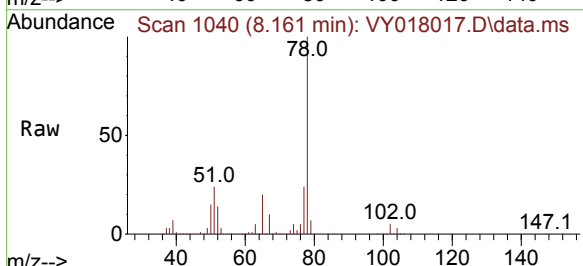
Acq: 23 Apr 2024 10:25

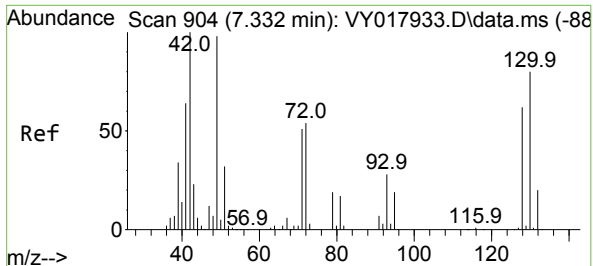
Tgt Ion: 78 Resp: 336927

Ion Ratio Lower Upper

78 100

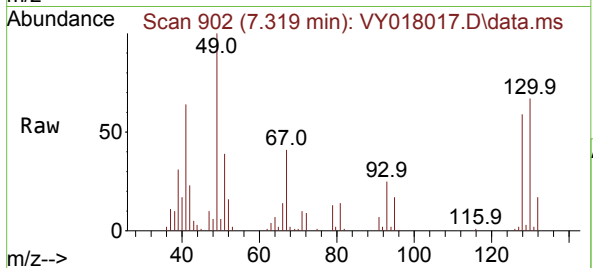
77 24.4 19.5 29.3



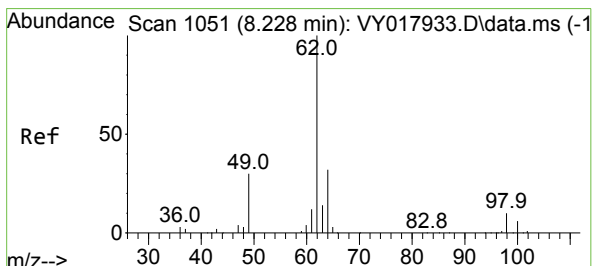
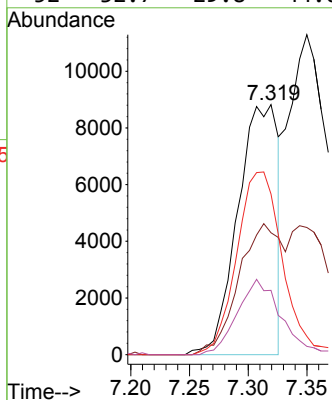
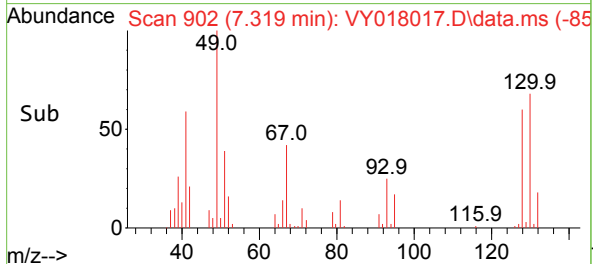


#41
Methacrylonitrile
Concen: 16.287 ug/l
RT: 7.319 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Instrument :
MSVOA_Y
ClientSampleId :

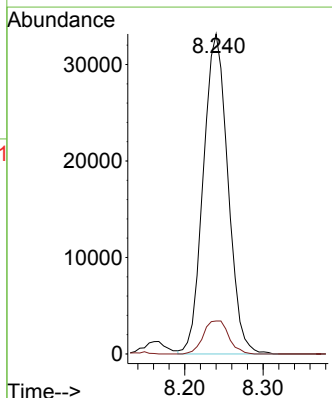
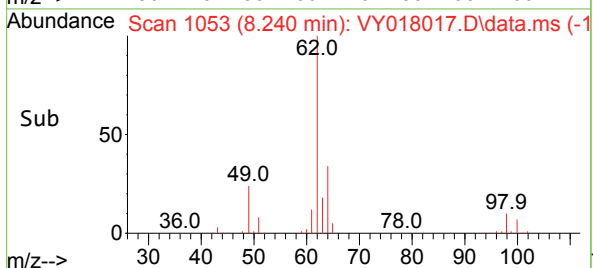
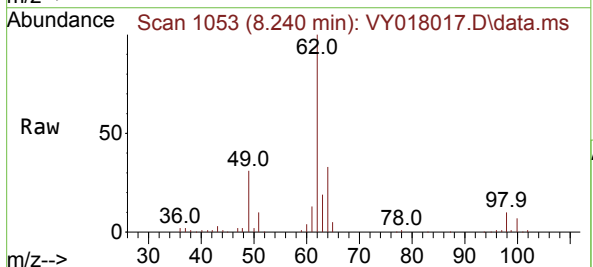


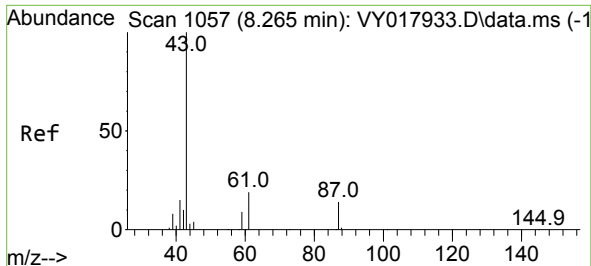
Tgt Ion:	41	Resp:	21047
Ion	Ratio	Lower	Upper
41	100		
39	57.5	48.0	72.0
67	82.6	75.1	112.7
52	32.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.261 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

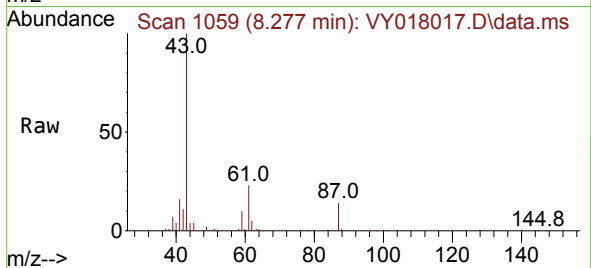
Tgt Ion:	62	Resp:	72381
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0



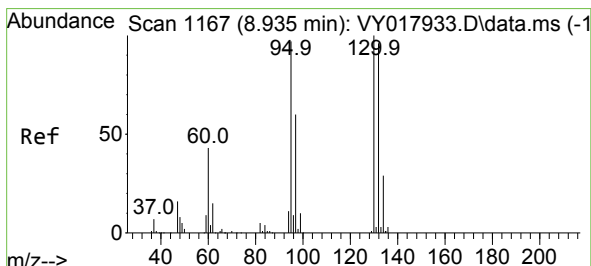
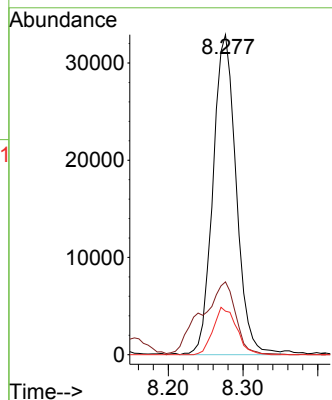
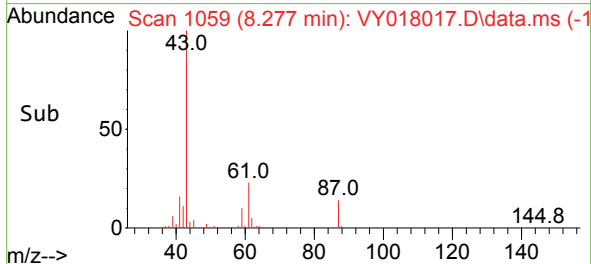


#43
Isopropyl Acetate
Concen: 18.601 ug/l
RT: 8.277 min Scan# 11059
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Instrument :
MSVOA_Y
ClientSampleId :

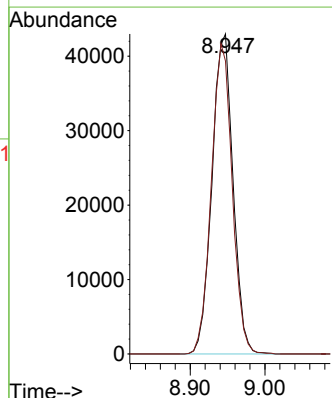
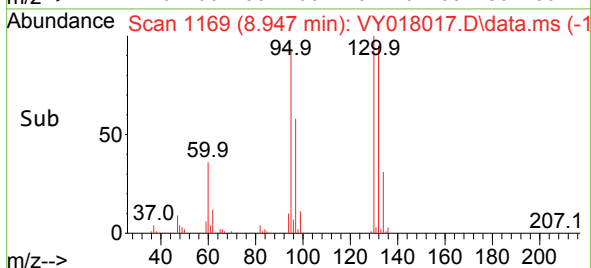
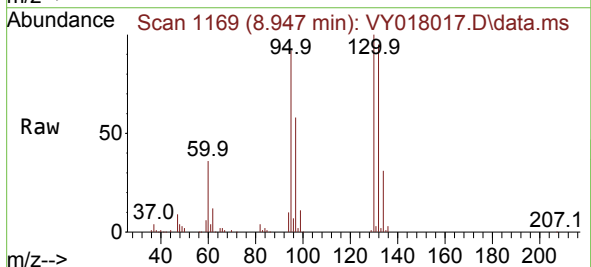


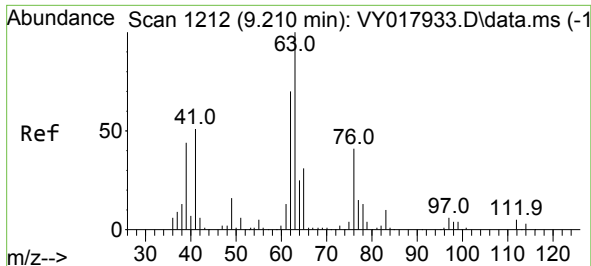
Tgt Ion: 43 Resp: 71008
Ion Ratio Lower Upper
43 100
61 33.7 27.9 41.9
87 14.9 13.1 19.7



#44
Trichloroethene
Concen: 21.182 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion:130 Resp: 83923
Ion Ratio Lower Upper
130 100
95 91.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.953 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

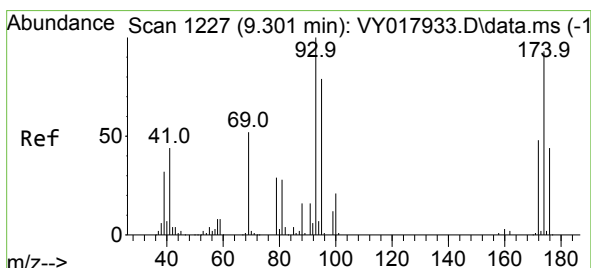
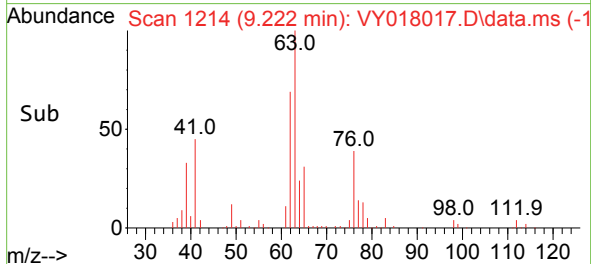
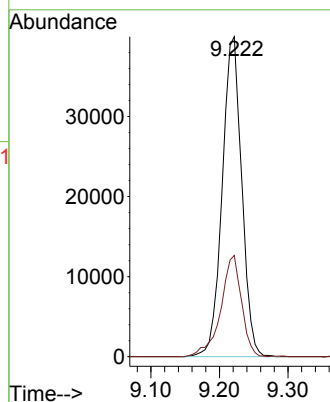
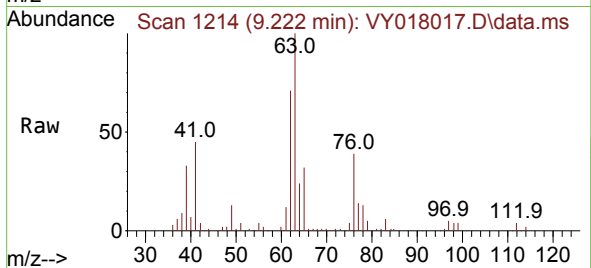
ClientSampleId :

Tgt Ion: 63 Resp: 78791

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 19.612 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

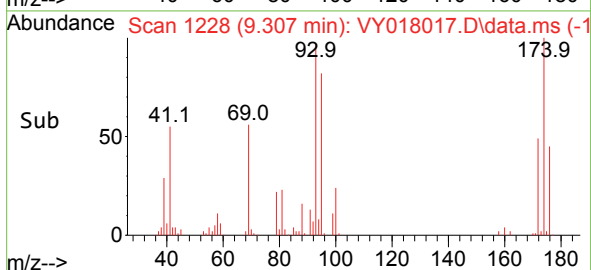
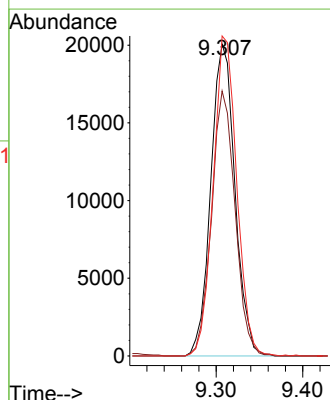
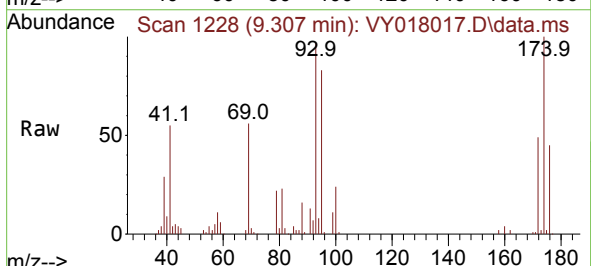
Tgt Ion: 93 Resp: 38935

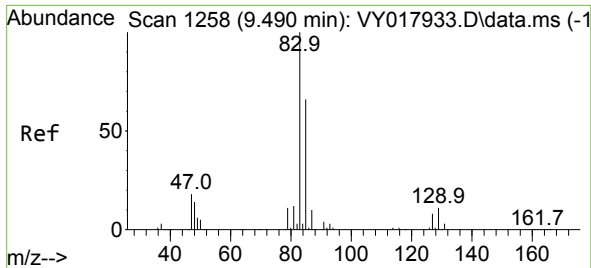
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

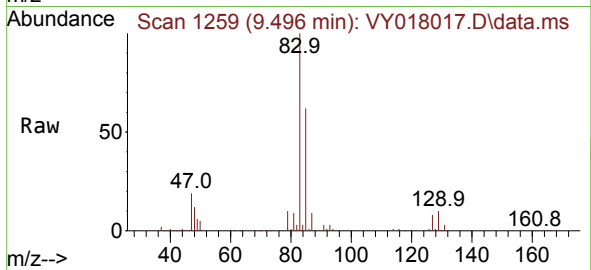
174 100.0 80.9 121.3



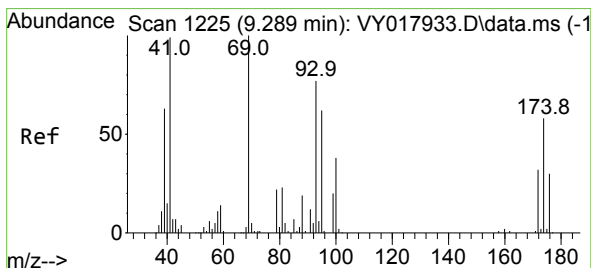
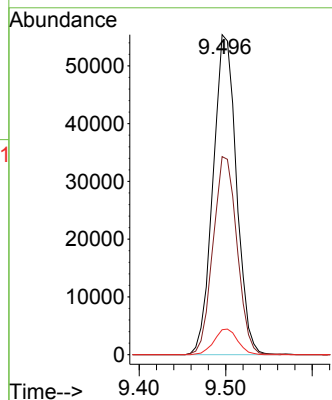
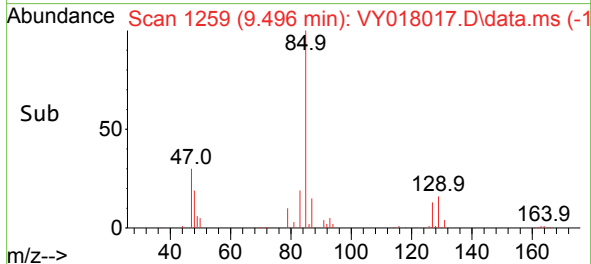


#47
Bromodichloromethane
Concen: 20.912 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Instrument :
MSVOA_Y
ClientSampleId :

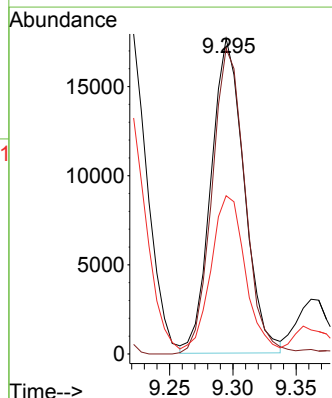
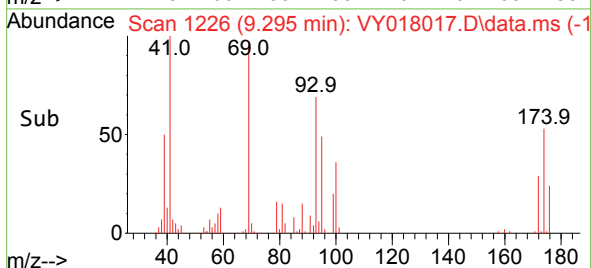
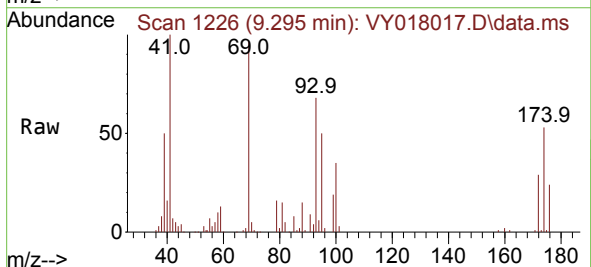


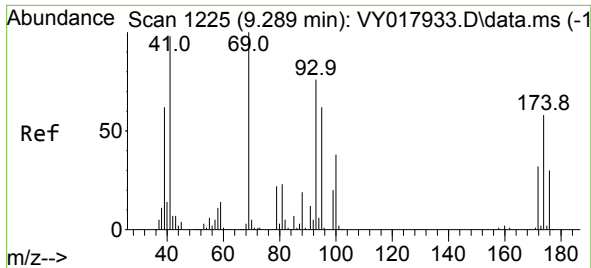
Tgt Ion: 83 Resp: 104157
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 18.425 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 41 Resp: 32230
Ion Ratio Lower Upper
41 100
69 96.3 84.1 126.1
39 49.5 43.6 65.4





#49

1,4-Dioxane

Concen: 334.019 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

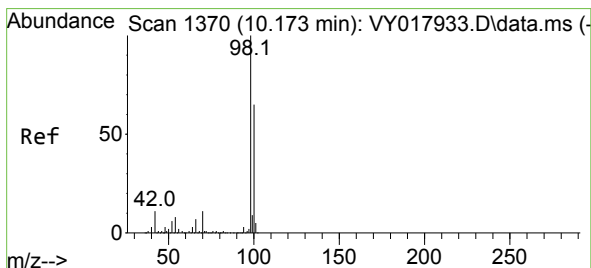
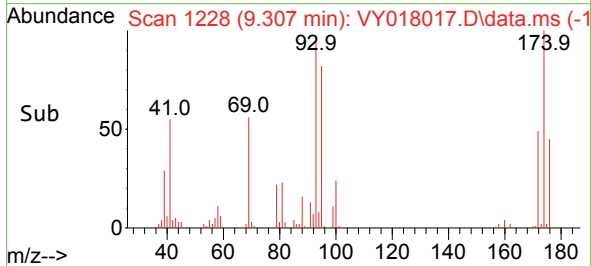
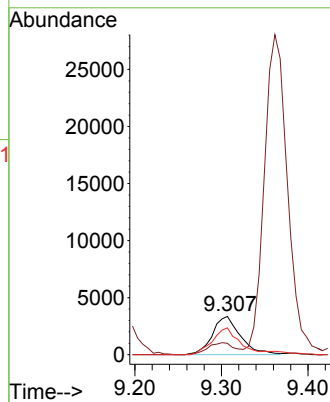
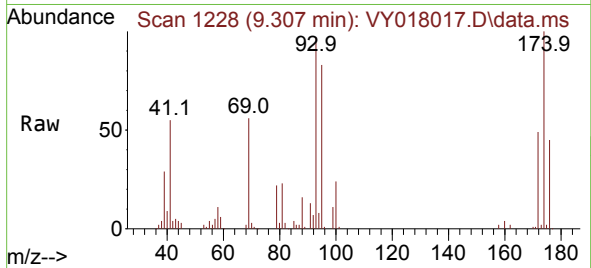
Tgt Ion: 88 Resp: 7570

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 74.7 49.3 73.9#



#50

Toluene-d8

Concen: 46.631 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018017.D

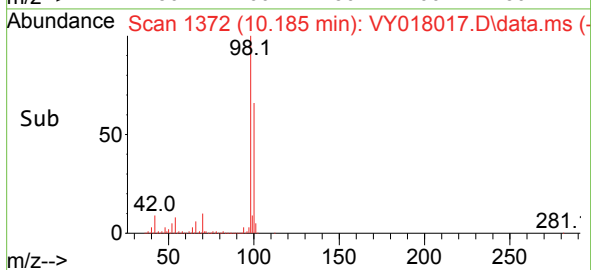
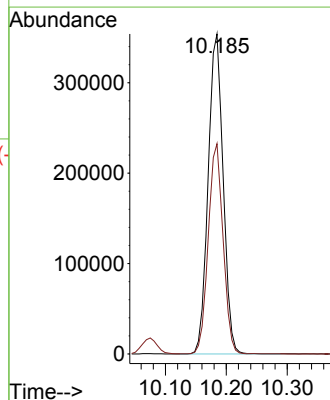
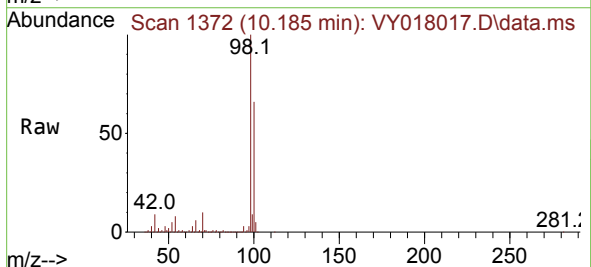
Acq: 23 Apr 2024 10:25

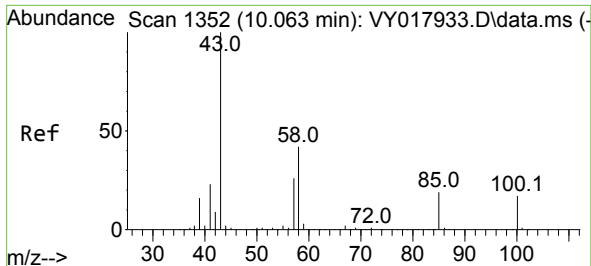
Tgt Ion: 98 Resp: 605608

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

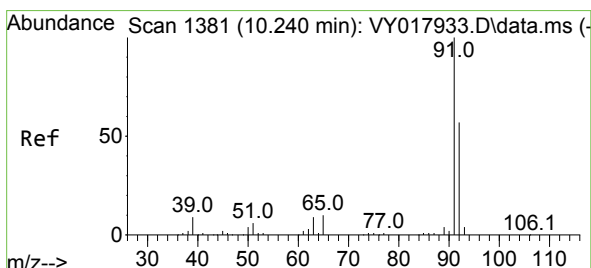
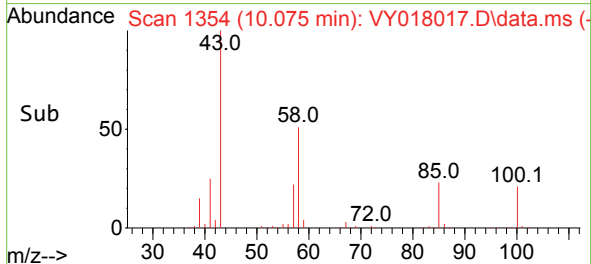
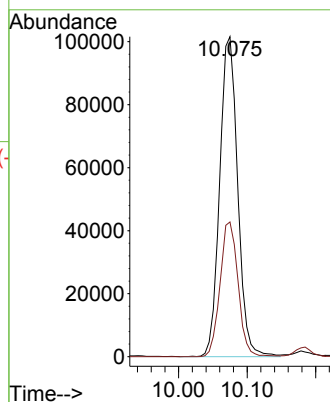
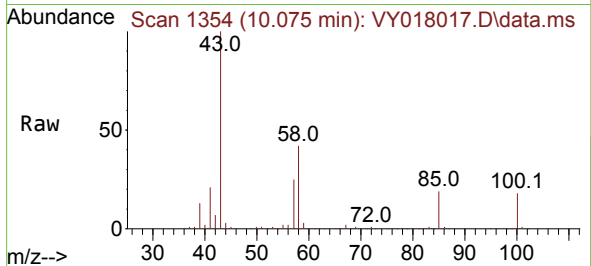




#51
4-Methyl-2-Pentanone
Concen: 91.449 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

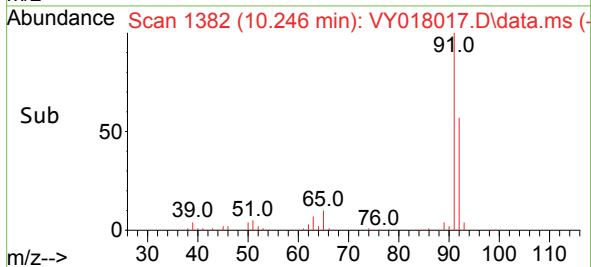
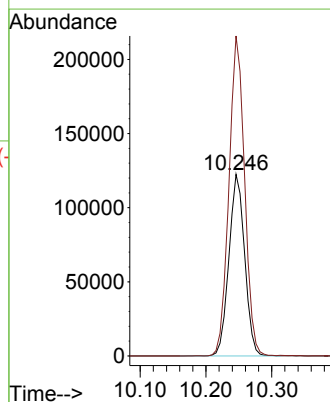
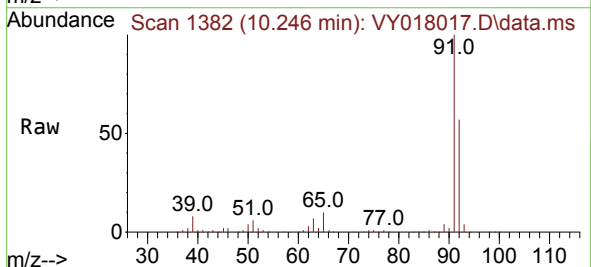
Instrument :
MSVOA_Y
ClientSampleId :

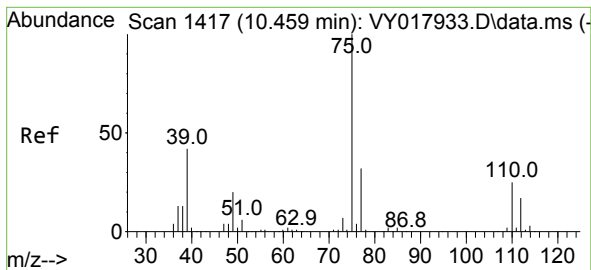
Tgt Ion: 43 Resp: 185065
Ion Ratio Lower Upper
43 100
58 42.1 35.7 53.5



#52
Toluene
Concen: 21.320 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 92 Resp: 203974
Ion Ratio Lower Upper
92 100
91 175.3 139.0 208.6

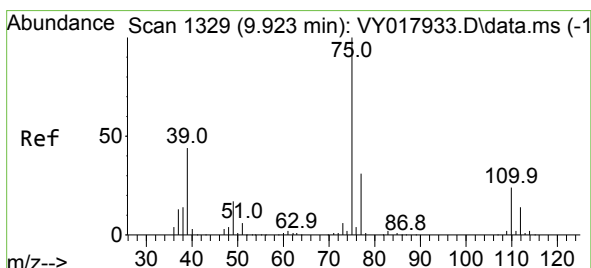
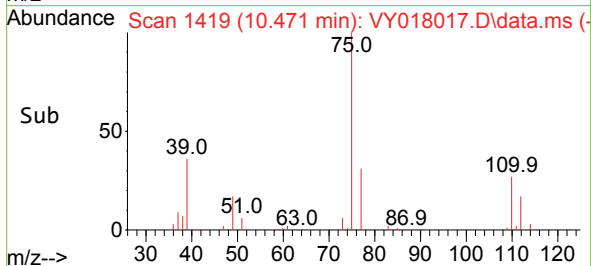
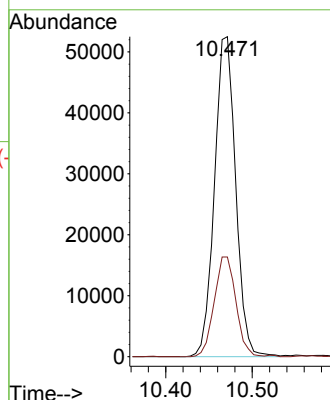
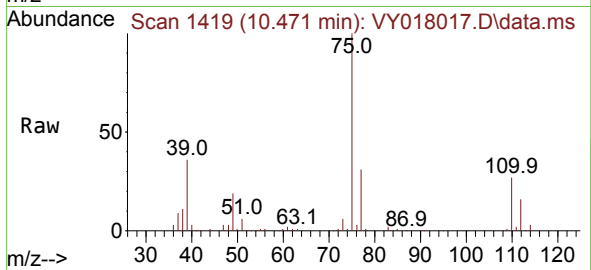




#53
 t-1,3-Dichloropropene
 Concen: 19.607 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018017.D
 Acq: 23 Apr 2024 10:25

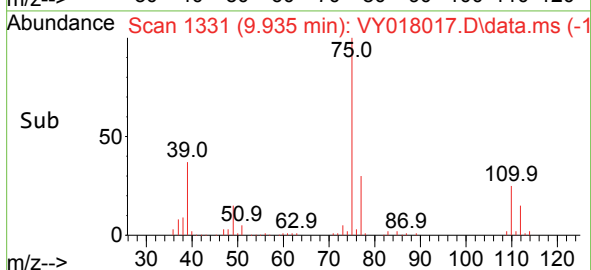
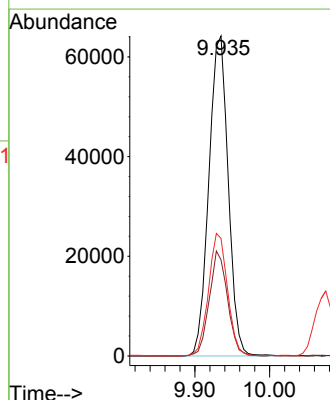
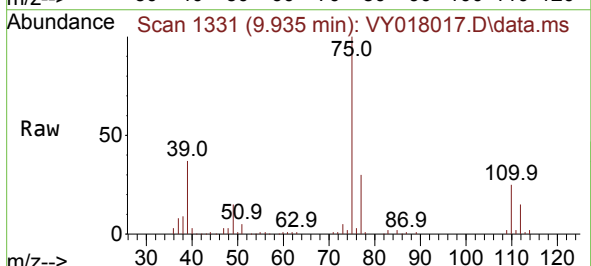
Instrument :
 MSVOA_Y
 ClientSampleId :

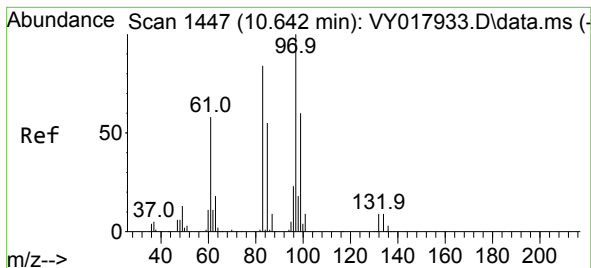
Tgt Ion: 75 Resp: 89151
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.654 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY018017.D
 Acq: 23 Apr 2024 10:25

Tgt Ion: 75 Resp: 115367
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 36.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.718 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 53213

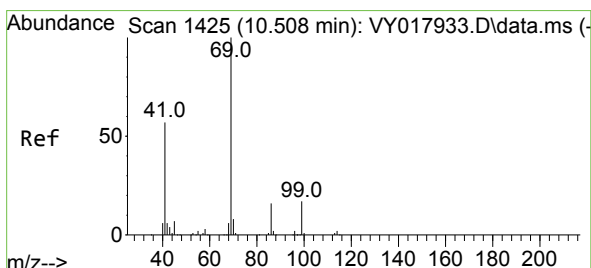
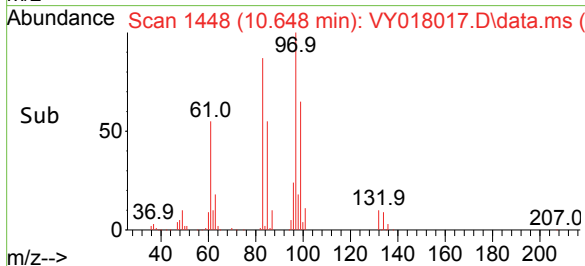
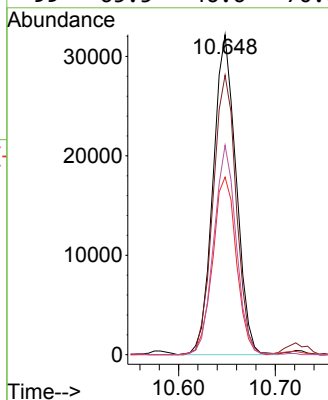
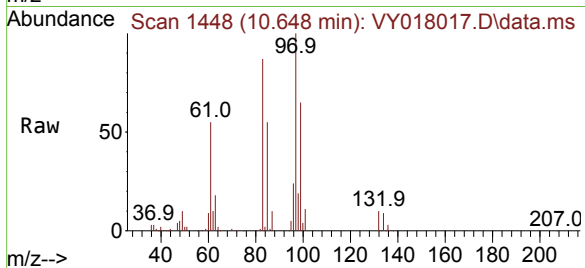
Ion Ratio Lower Upper

97 100

83 87.4 67.5 101.3

85 55.5 42.9 64.3

99 65.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.490 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

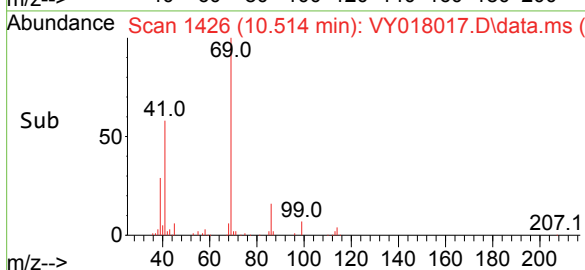
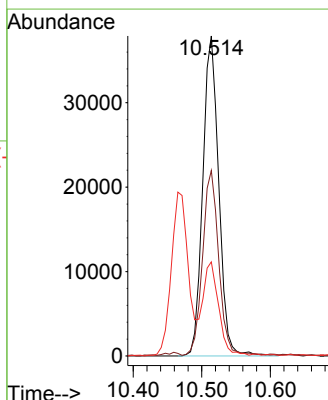
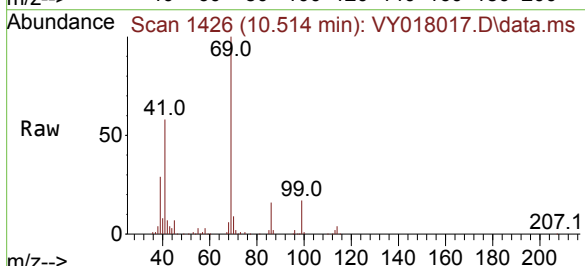
Tgt Ion: 69 Resp: 61532

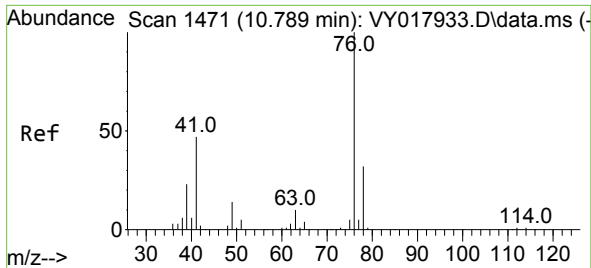
Ion Ratio Lower Upper

69 100

41 58.4 42.3 63.5

39 29.7 22.9 34.3

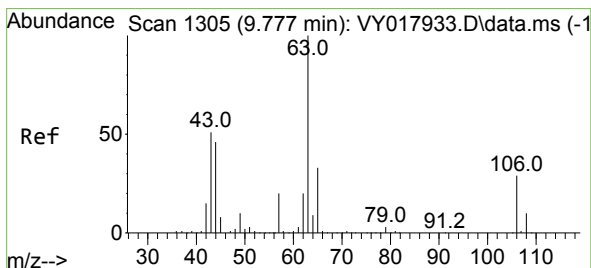
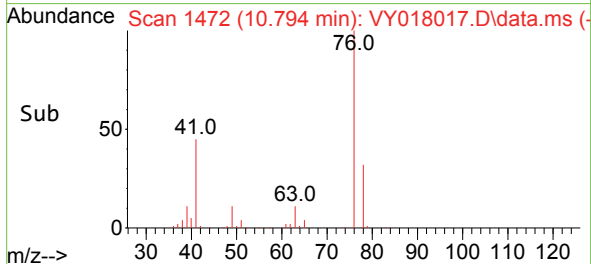
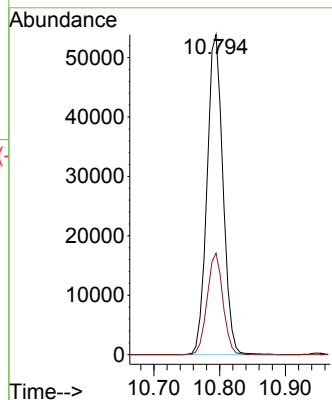
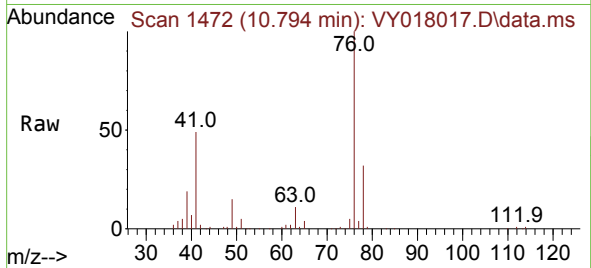




#57
1,3-Dichloropropane
Concen: 19.803 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

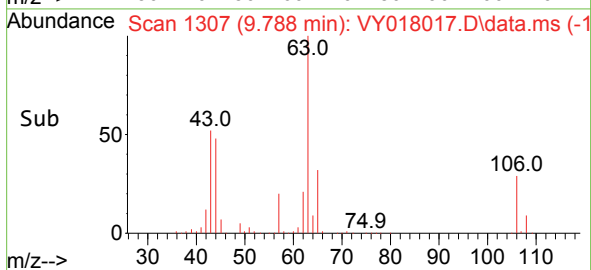
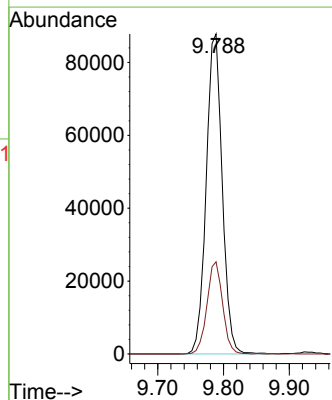
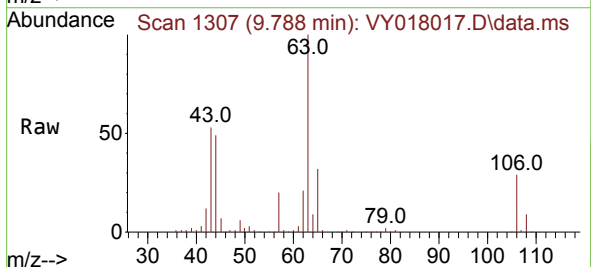
Instrument :
MSVOA_Y
ClientSampleId :

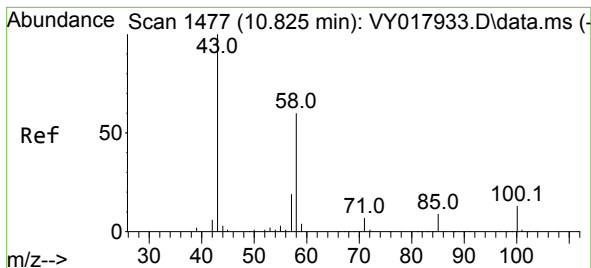
Tgt Ion: 76 Resp: 90493
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 81.235 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 63 Resp: 148561
Ion Ratio Lower Upper
63 100
106 28.1 23.7 35.5





#59

2-Hexanone

Concen: 90.018 ug/l

RT: 10.837 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

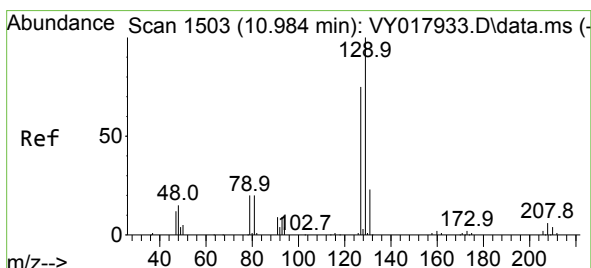
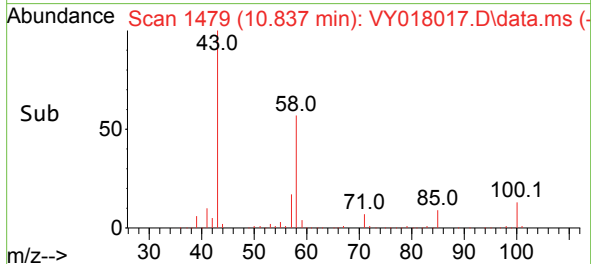
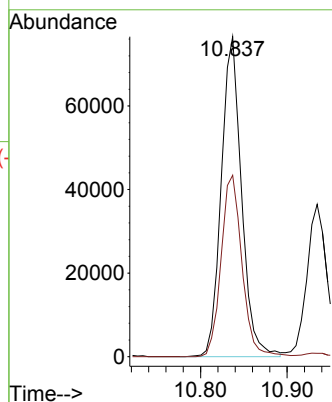
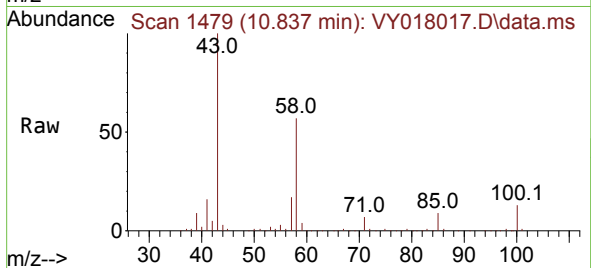
ClientSampleId :

Tgt Ion: 43 Resp: 124354

Ion Ratio Lower Upper

43 100

58 58.4 31.4 94.0



#60

Dibromochloromethane

Concen: 19.223 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY018017.D

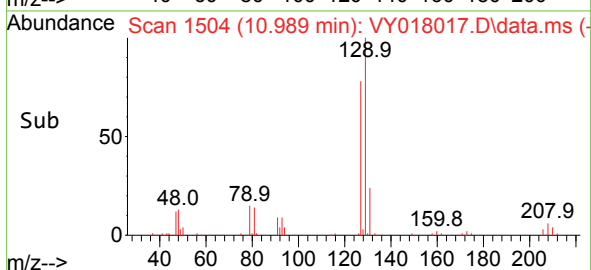
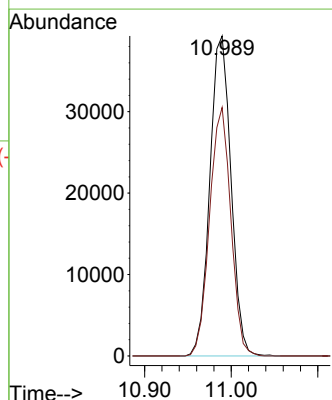
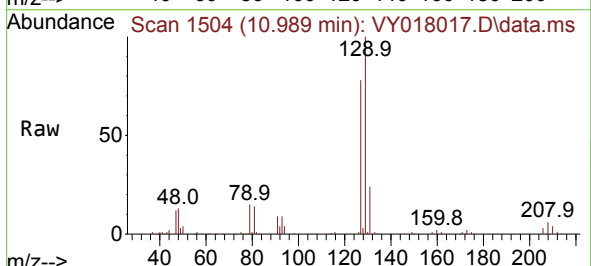
Acq: 23 Apr 2024 10:25

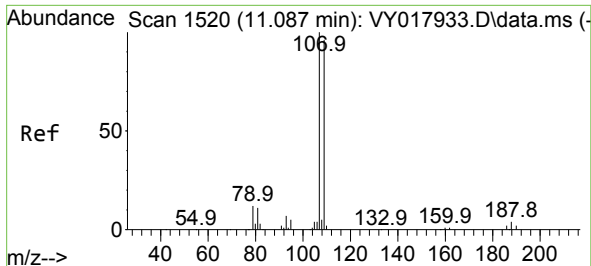
Tgt Ion:129 Resp: 66674

Ion Ratio Lower Upper

129 100

127 77.9 39.0 117.0

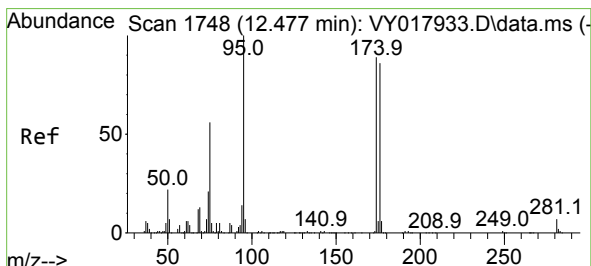
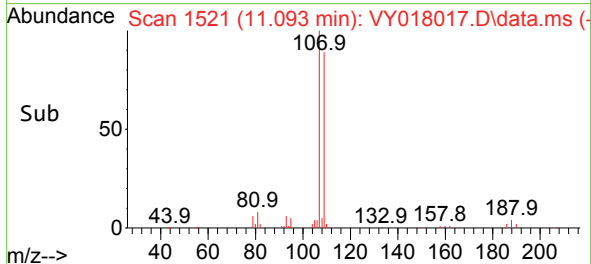
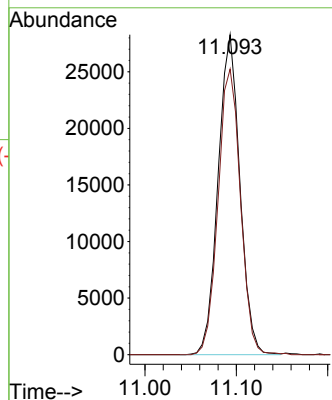
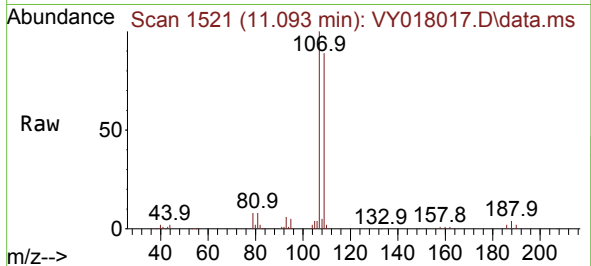




#61
1,2-Dibromoethane
Concen: 18.609 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

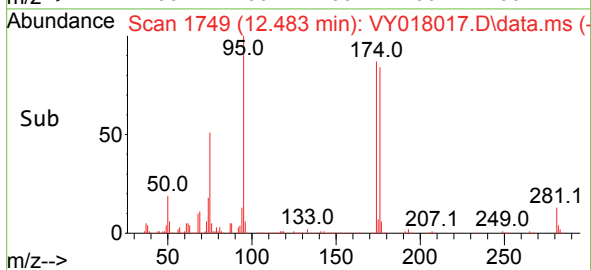
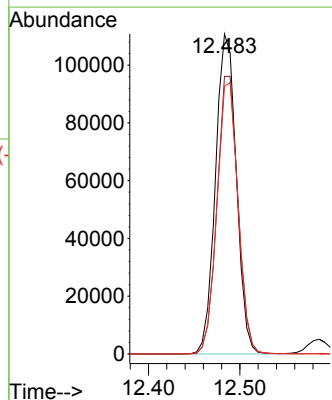
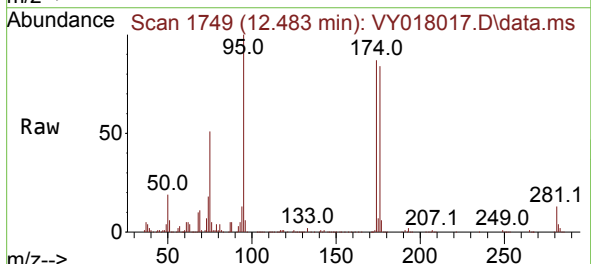
Instrument :
MSVOA_Y
ClientSampleId :

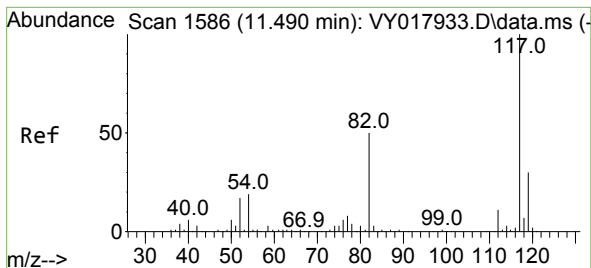
Tgt Ion:107 Resp: 46802
Ion Ratio Lower Upper
107 100
109 91.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.605 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 95 Resp: 175387
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 86.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

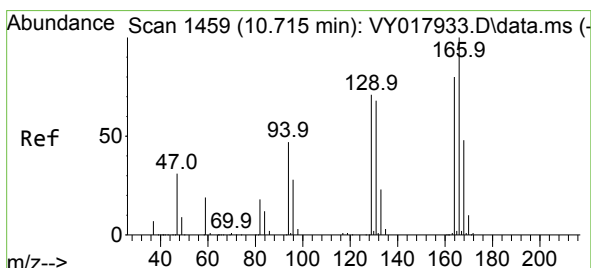
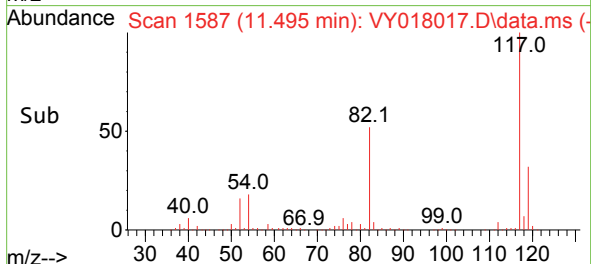
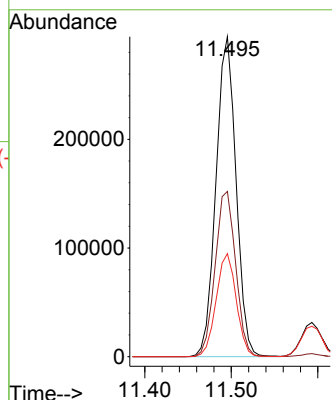
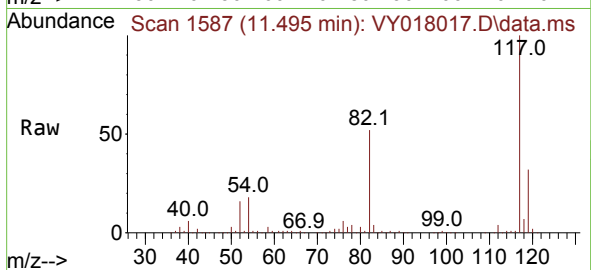
Tgt Ion:117 Resp: 473835

Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 21.131 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Tgt Ion:164 Resp: 71726

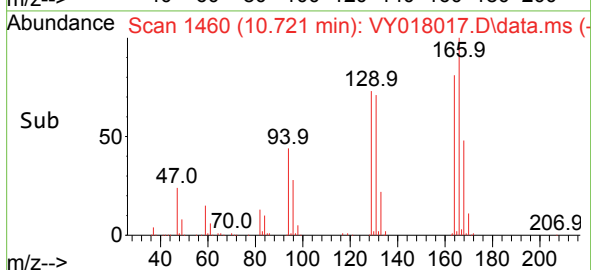
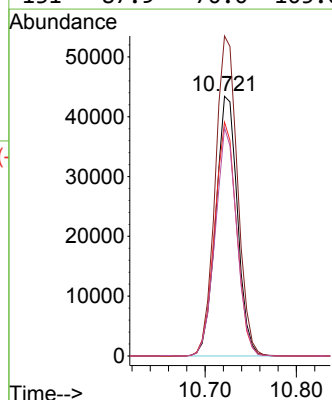
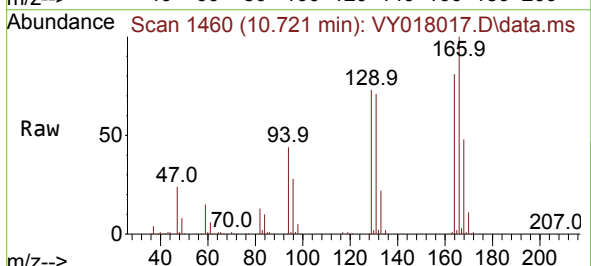
Ion Ratio Lower Upper

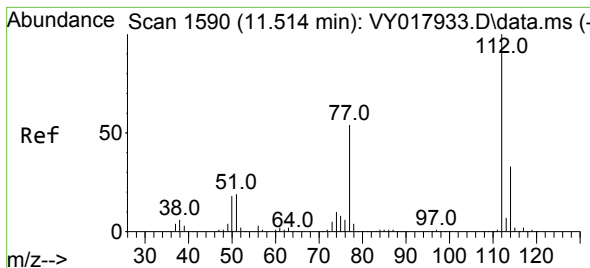
164 100

166 123.3 102.6 154.0

129 90.0 72.0 108.0

131 87.9 70.0 105.0





#65

Chlorobenzene

Concen: 21.238 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

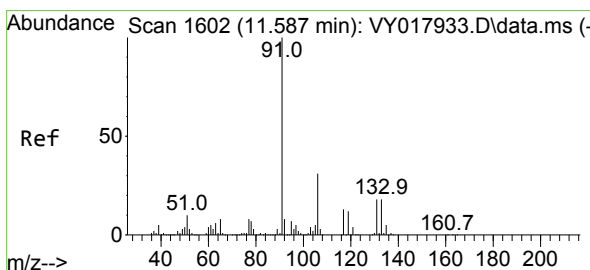
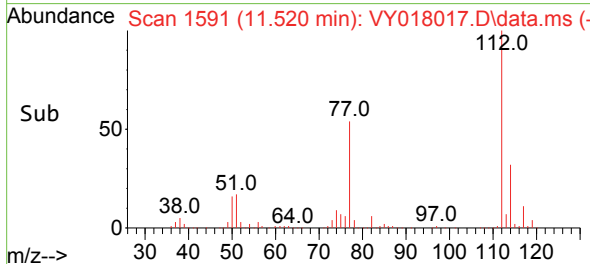
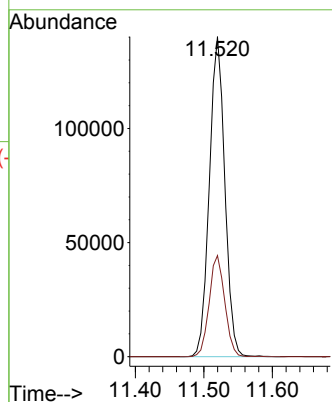
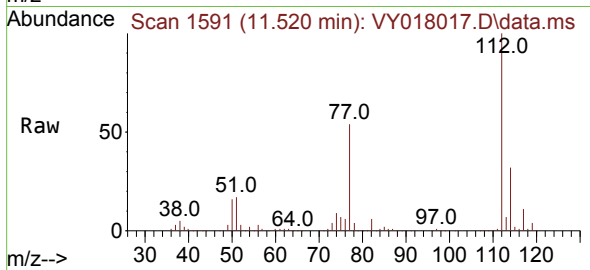
ClientSampleId :

Tgt Ion:112 Resp: 220556

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.985 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

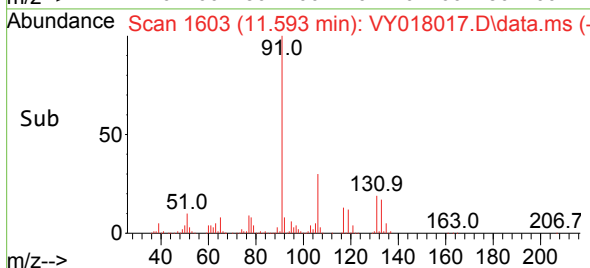
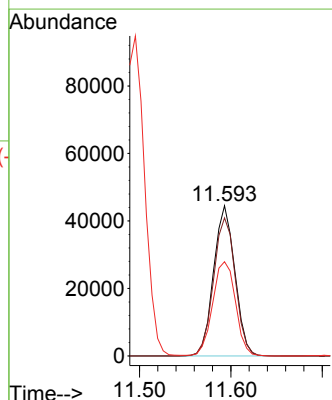
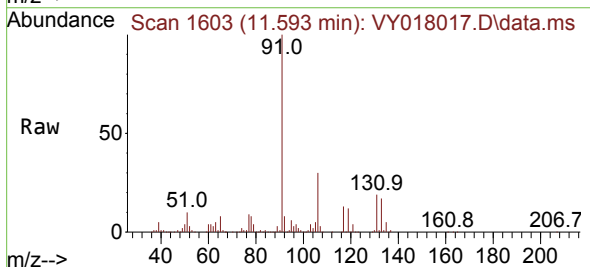
Tgt Ion:131 Resp: 71861

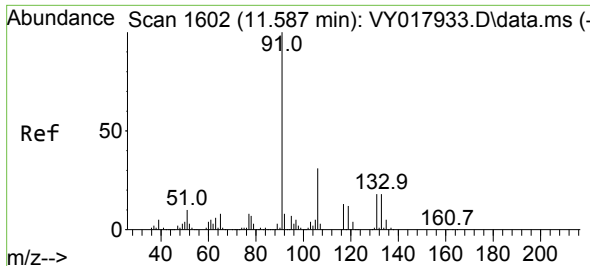
Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 67.5 34.1 102.2

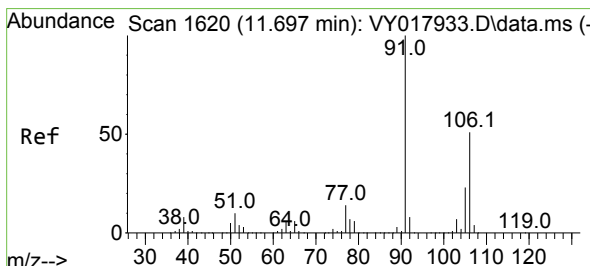
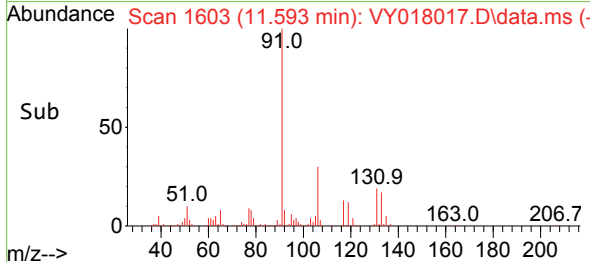
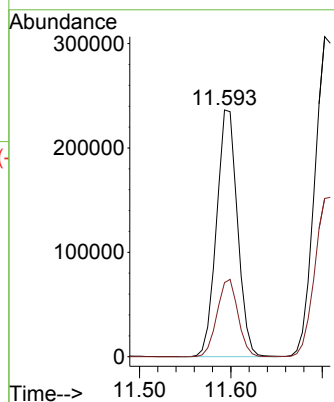
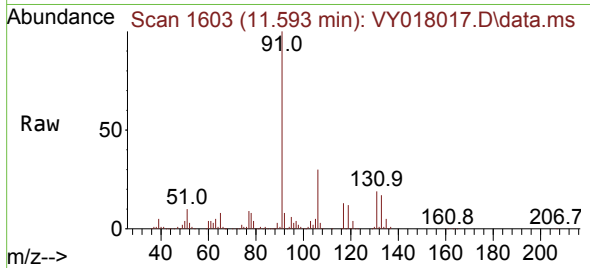




#67
Ethyl Benzene
Concen: 21.547 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

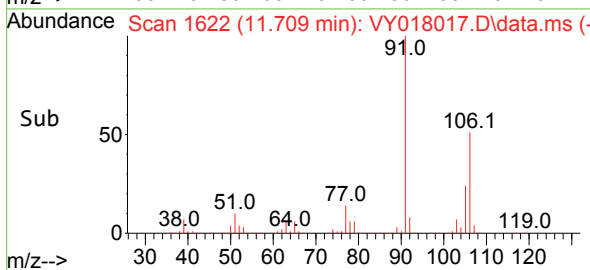
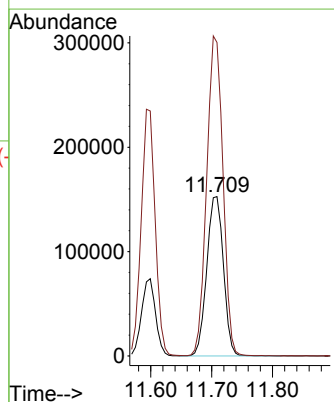
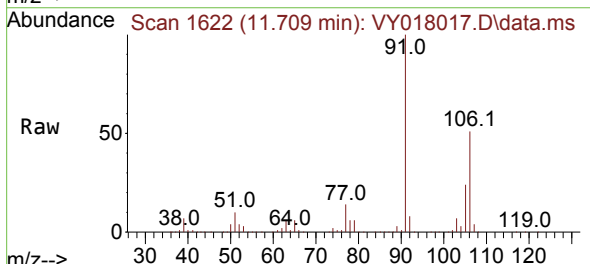
Instrument :
MSVOA_Y
ClientSampleId :

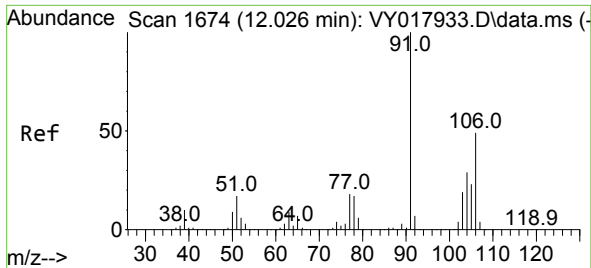
Tgt Ion: 91 Resp: 376772
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 43.174 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 106 Resp: 289956
Ion Ratio Lower Upper
106 100
91 196.3 156.0 234.0

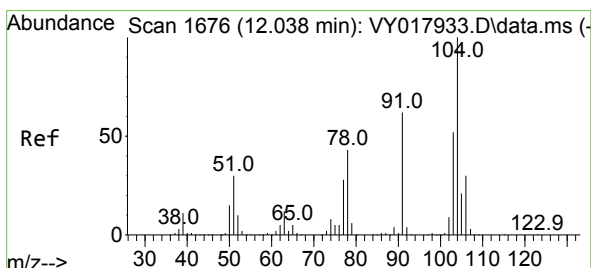
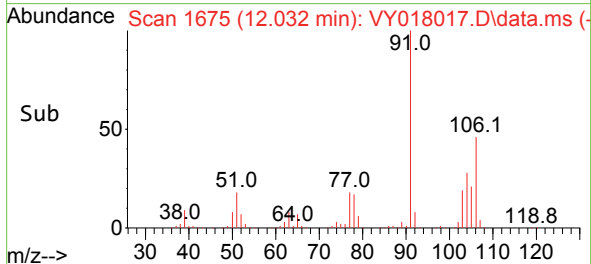
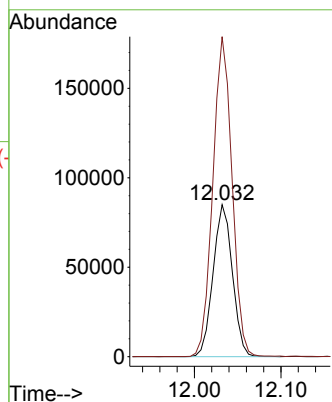
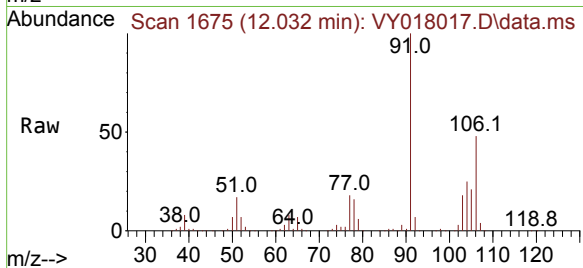




#69
o-Xylene
Concen: 20.960 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

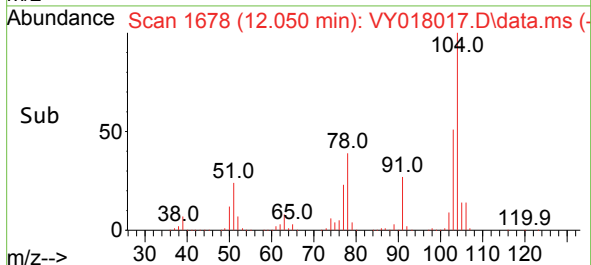
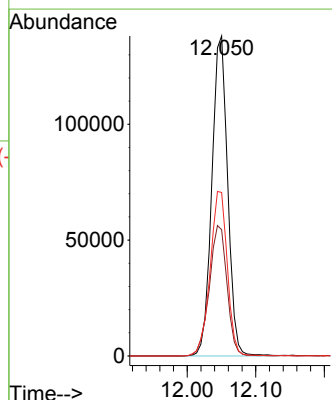
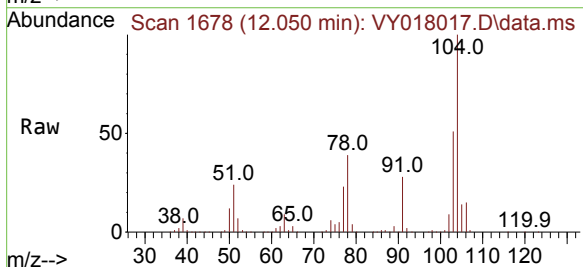
Instrument :
MSVOA_Y
ClientSampleId :

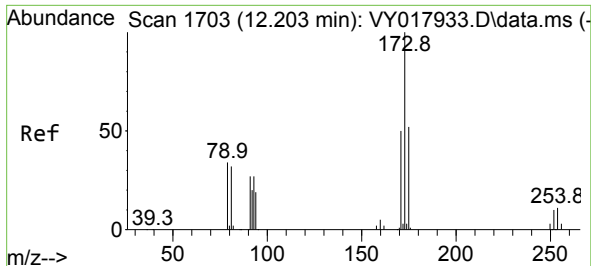
Tgt Ion:106 Resp: 131456
Ion Ratio Lower Upper
106 100
91 209.9 103.6 310.8



#70
Styrene
Concen: 20.893 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion:104 Resp: 221472
Ion Ratio Lower Upper
104 100
78 45.6 37.0 55.4
103 55.8 44.2 66.2

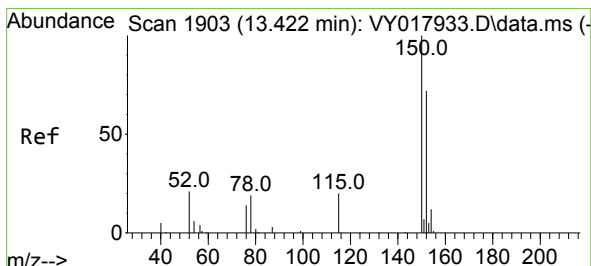
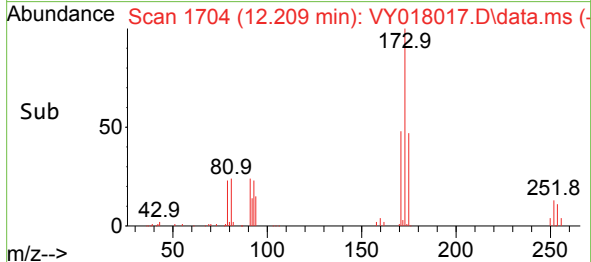
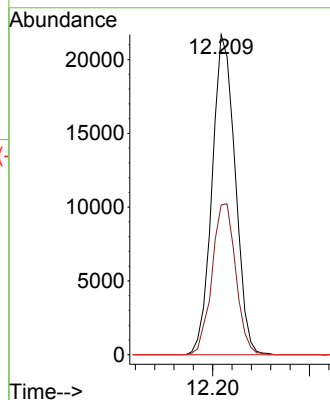
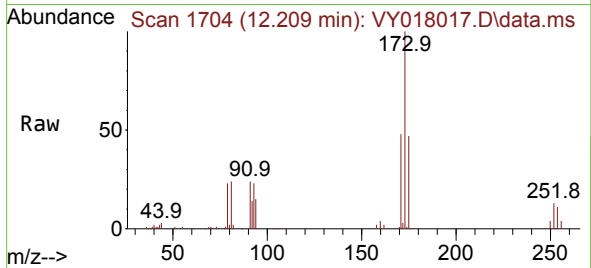




#71
Bromoform
Concen: 18.129 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

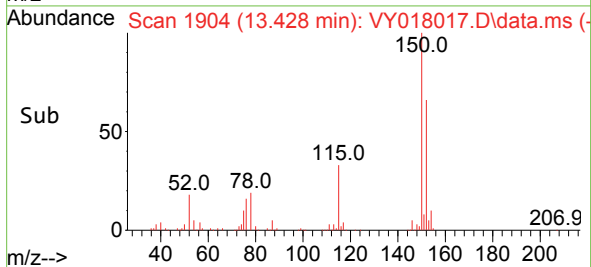
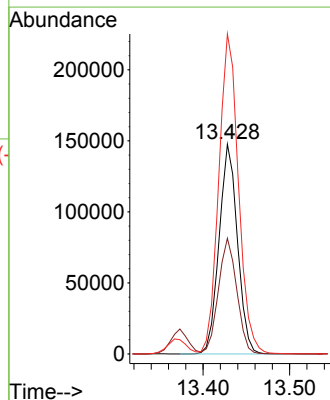
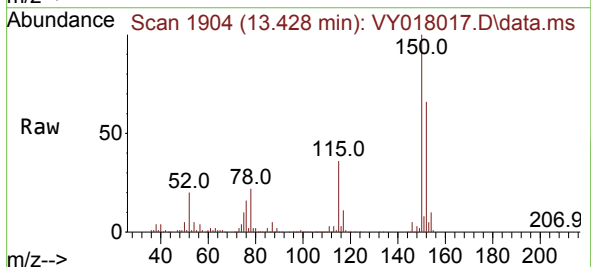
Instrument :
MSVOA_Y
ClientSampleId :

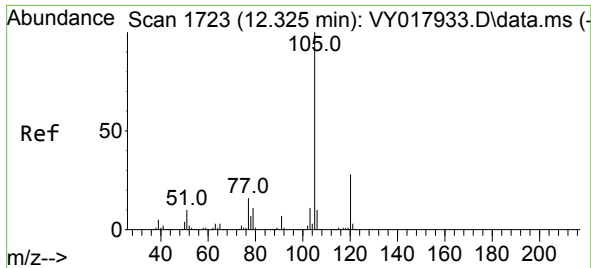
Tgt Ion:173 Resp: 35867
Ion Ratio Lower Upper
173 100
175 48.7 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion:152 Resp: 217361
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 163.5 0.0 345.6

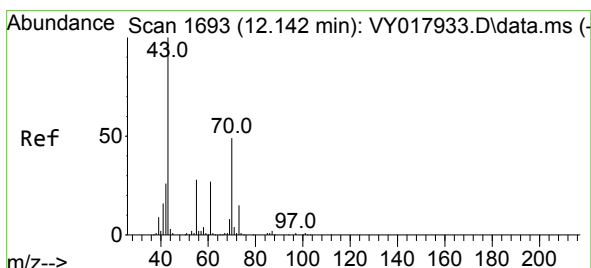
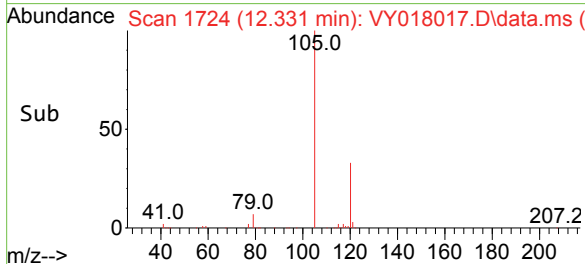
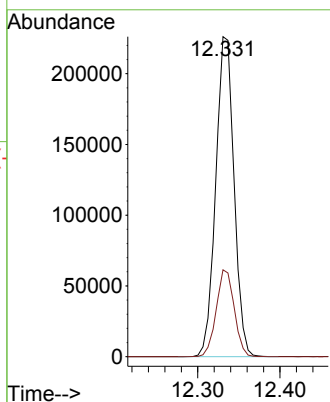
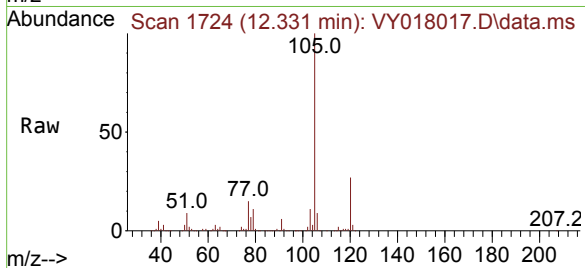




#73
Isopropylbenzene
Concen: 22.103 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

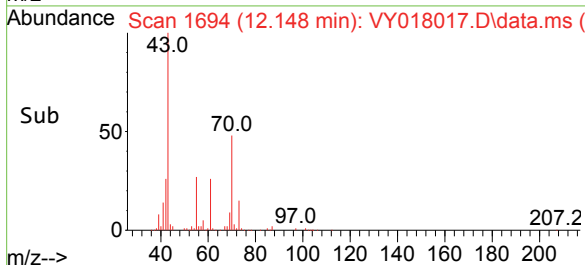
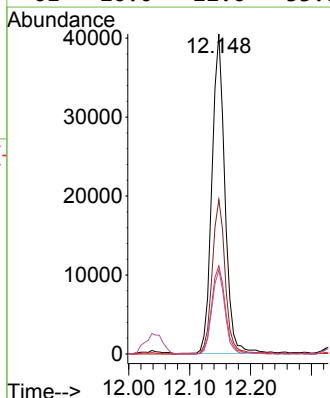
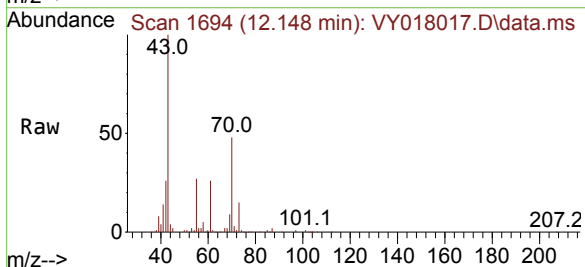
Instrument :
MSVOA_Y
ClientSampleId :

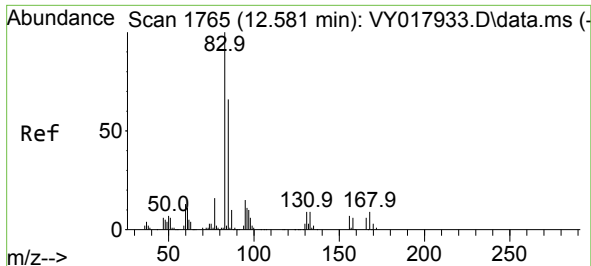
Tgt Ion:105 Resp: 350067
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 18.727 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 43 Resp: 59873
Ion Ratio Lower Upper
43 100
70 48.3 41.4 62.2
55 29.3 23.3 34.9
61 26.0 22.6 33.8

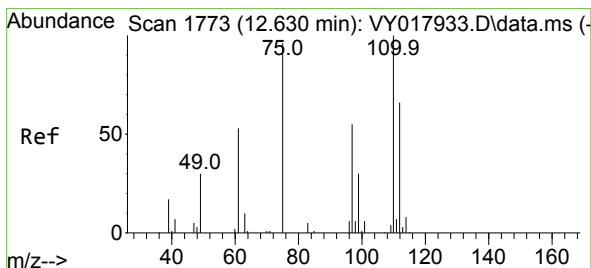
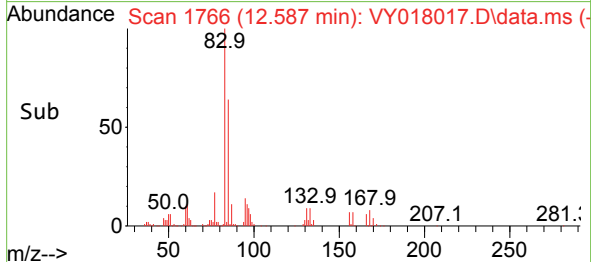
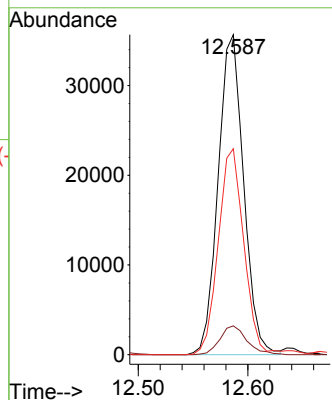
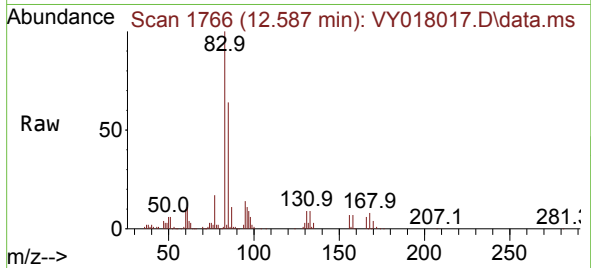




#75
1,1,2,2-Tetrachloroethane
Concen: 19.551 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

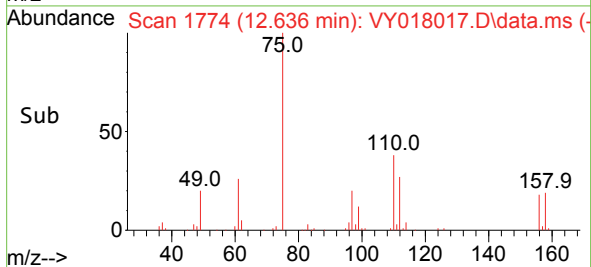
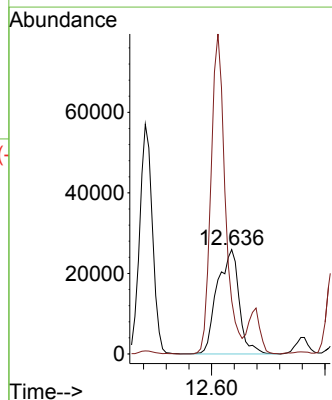
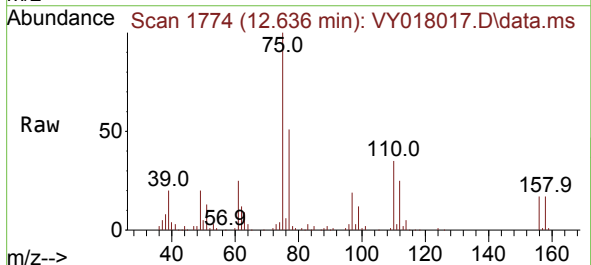
Instrument :
MSVOA_Y
ClientSampleId :

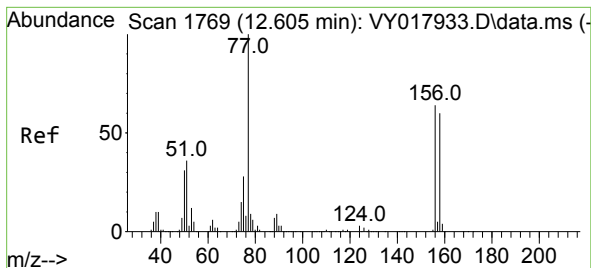
Tgt Ion: 83 Resp: 57751
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 65.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 34.153 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 75 Resp: 69661
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.897 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

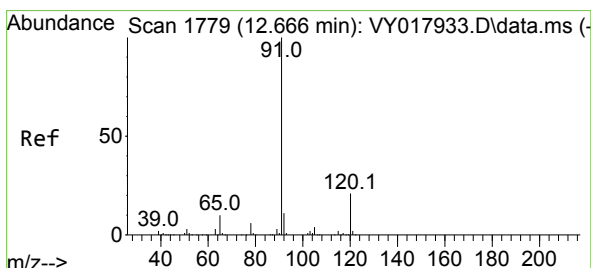
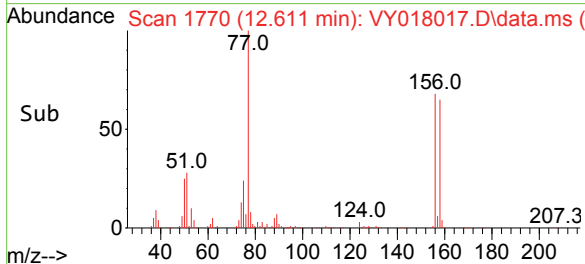
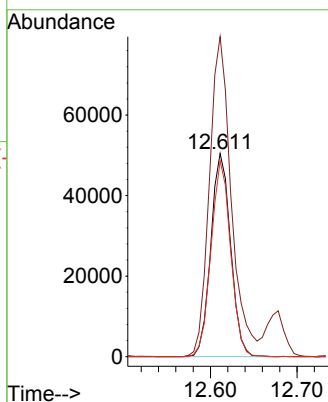
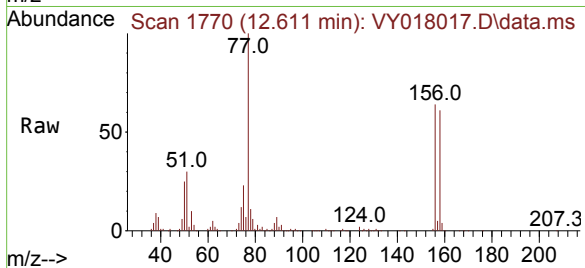
Tgt Ion:156 Resp: 80096

Ion Ratio Lower Upper

156 100

77 173.9 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 22.819 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018017.D

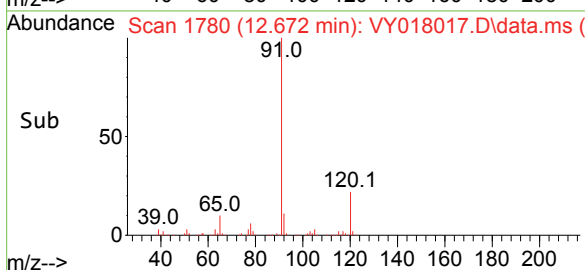
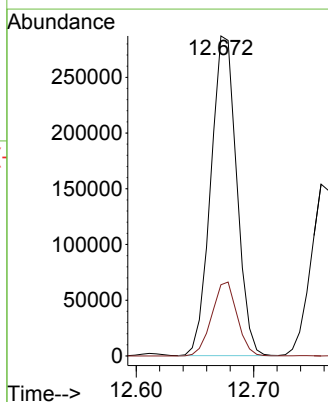
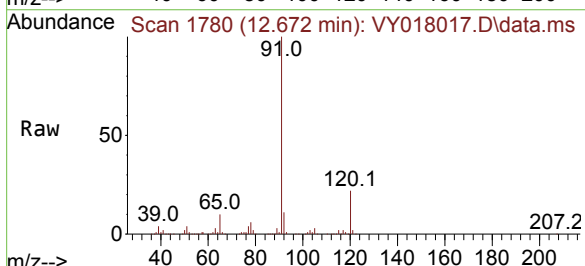
Acq: 23 Apr 2024 10:25

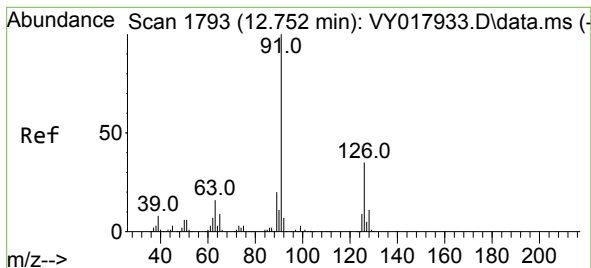
Tgt Ion: 91 Resp: 438512

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.303 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

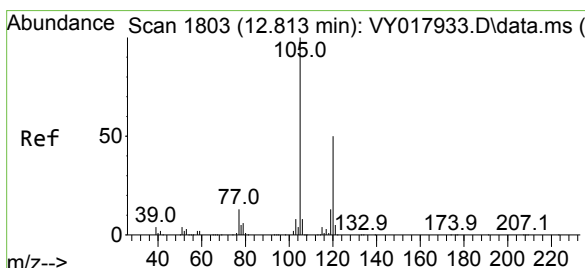
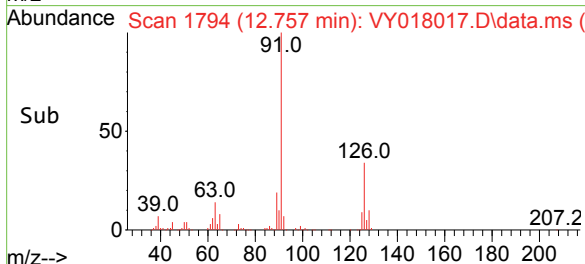
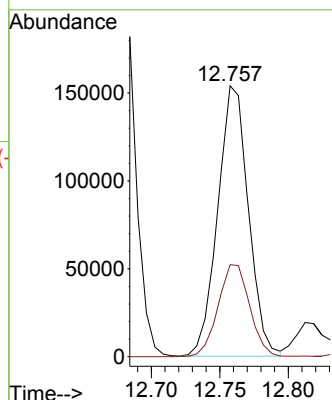
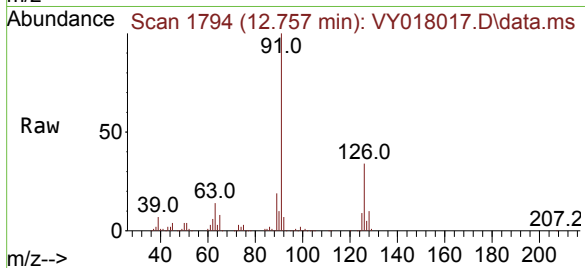
ClientSampleId :

Tgt Ion: 91 Resp: 239896

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.093 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018017.D

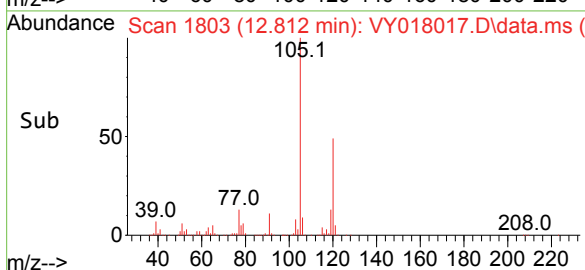
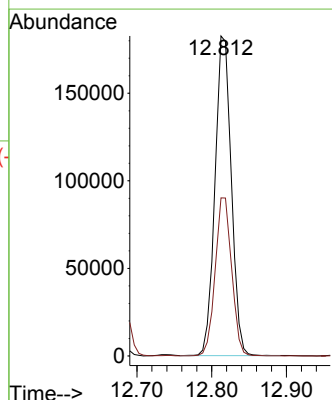
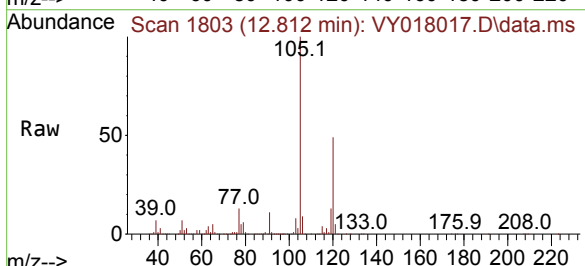
Acq: 23 Apr 2024 10:25

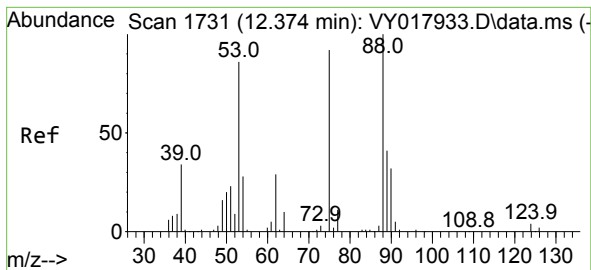
Tgt Ion:105 Resp: 277466

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

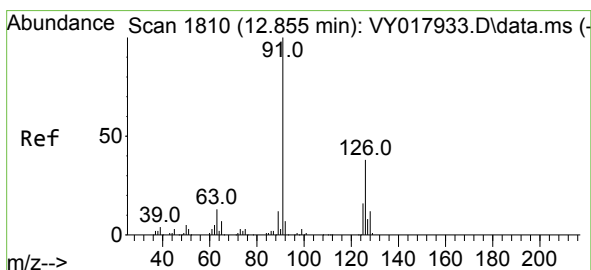
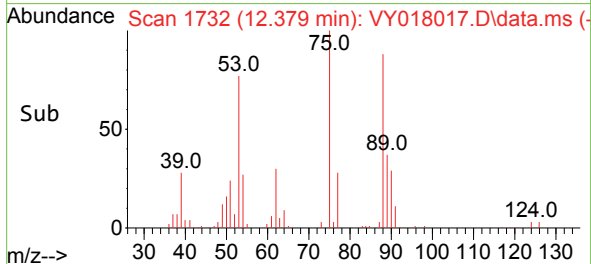
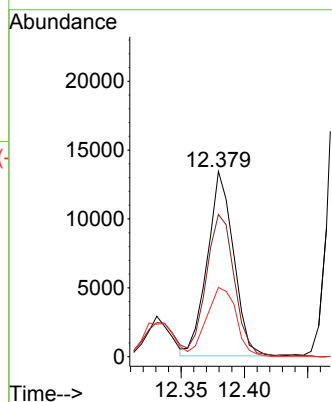
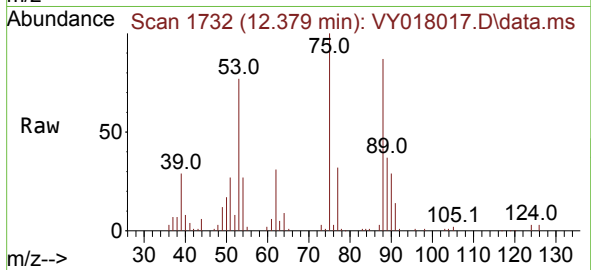




#81
trans-1,4-Dichloro-2-butene
Concen: 19.534 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

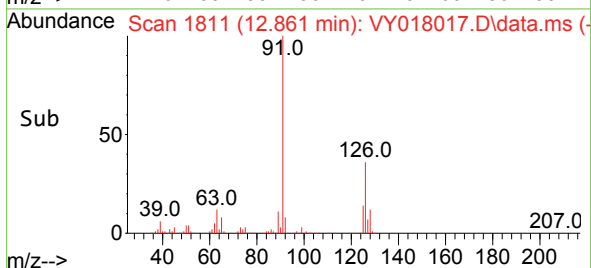
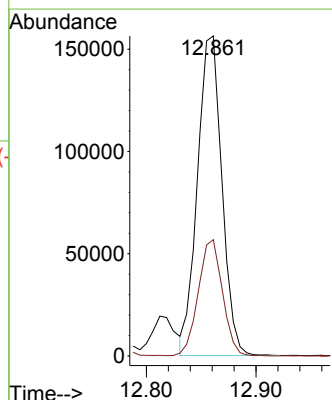
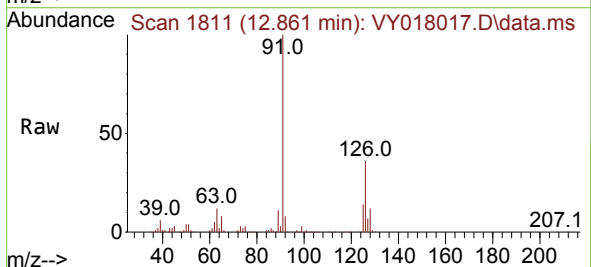
Instrument :
MSVOA_Y
ClientSampleId :

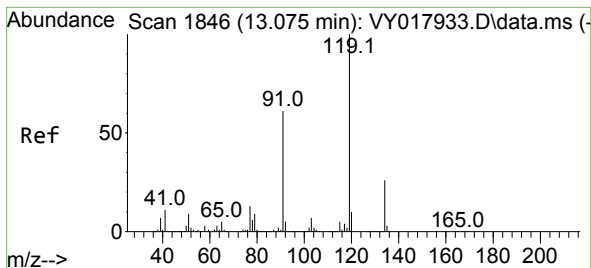
Tgt Ion: 75 Resp: 19324
Ion Ratio Lower Upper
75 100
53 83.5 66.8 100.2
89 42.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.748 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

Tgt Ion: 91 Resp: 242268
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.457 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

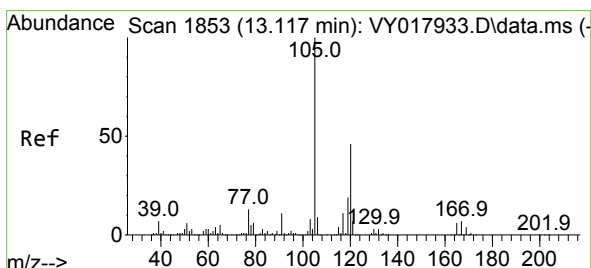
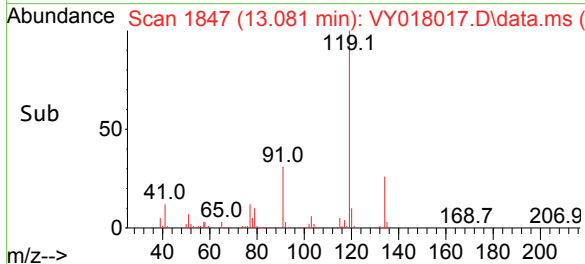
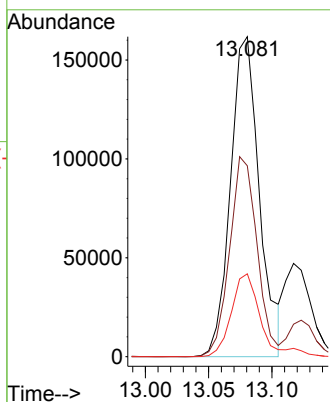
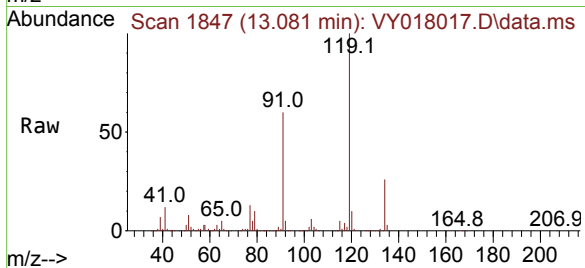
Tgt Ion:119 Resp: 257596

Ion Ratio Lower Upper

119 100

91 59.5 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.015 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018017.D

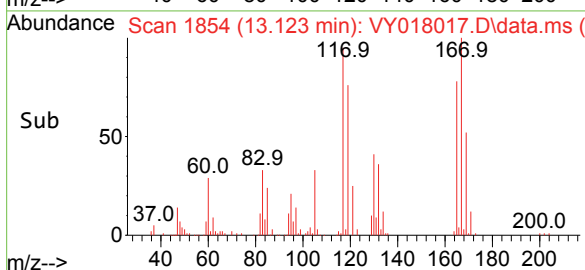
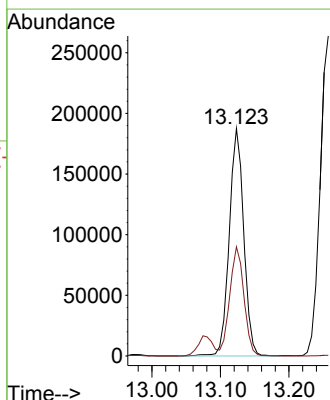
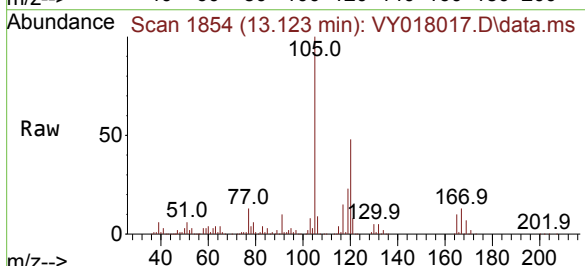
Acq: 23 Apr 2024 10:25

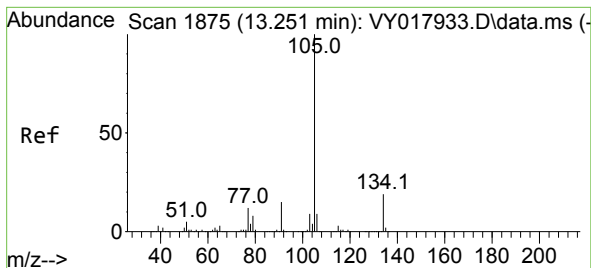
Tgt Ion:105 Resp: 275333

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.480 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

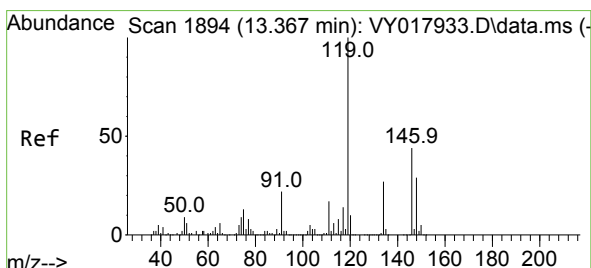
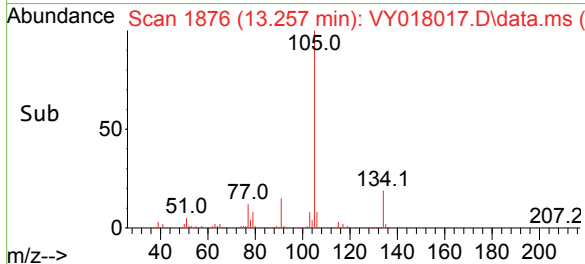
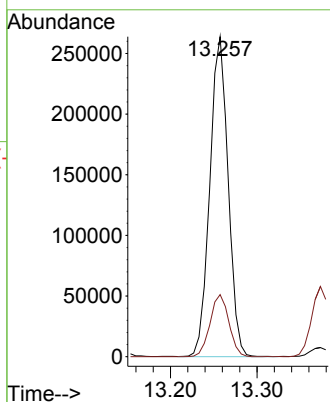
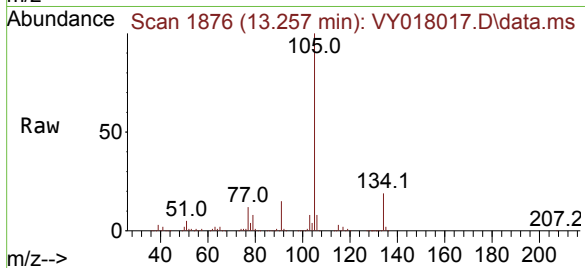
ClientSampleId :

Tgt Ion:105 Resp: 387304

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.917 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

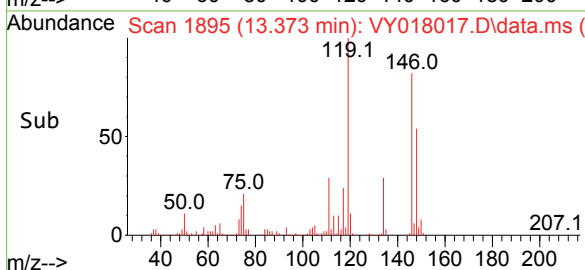
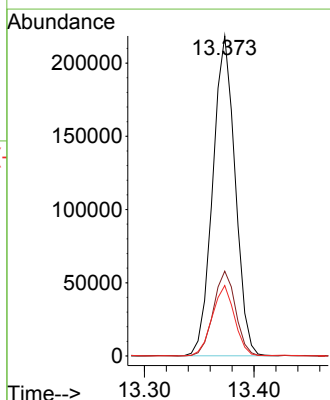
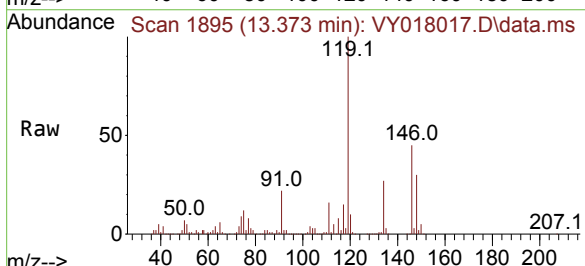
Tgt Ion:119 Resp: 310280

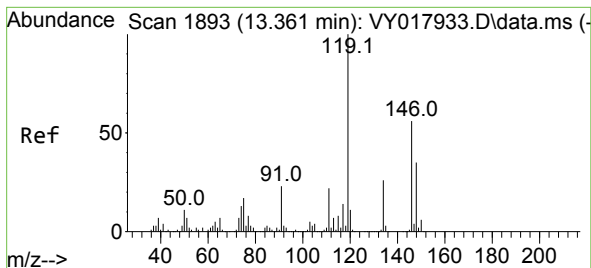
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.770 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

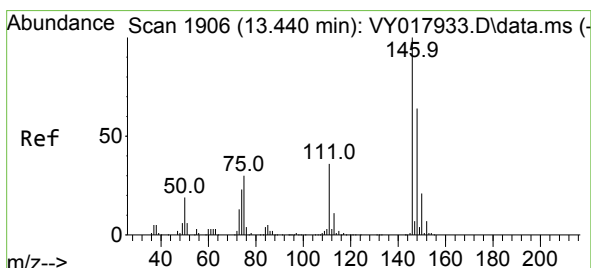
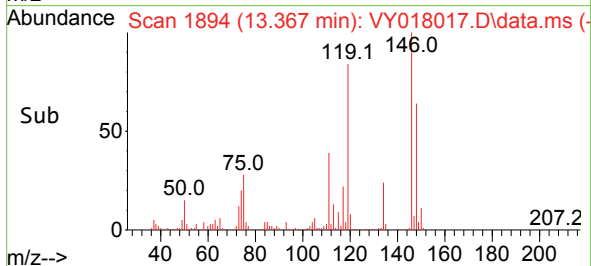
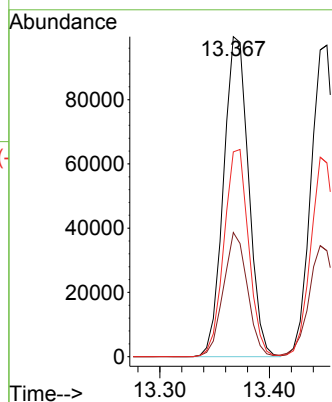
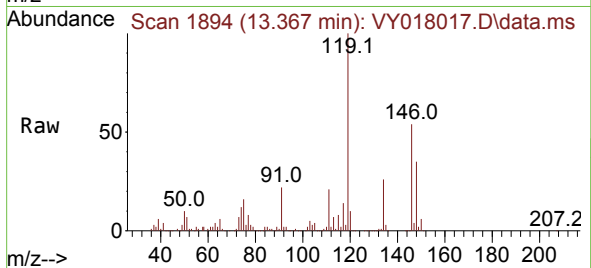
Tgt Ion:146 Resp: 157952

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.837 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

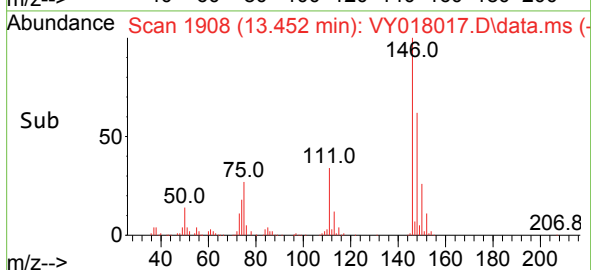
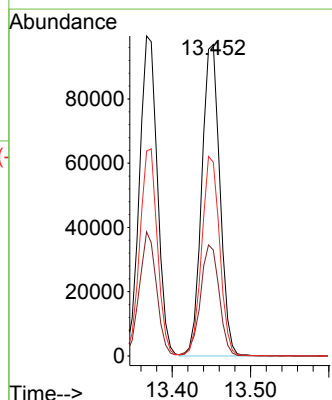
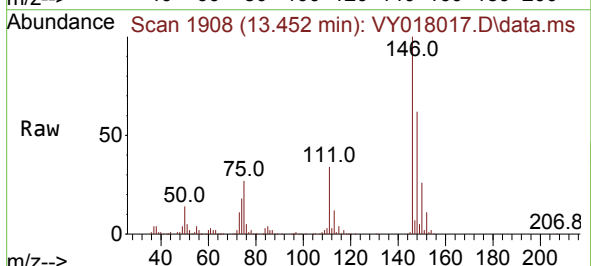
Tgt Ion:146 Resp: 155559

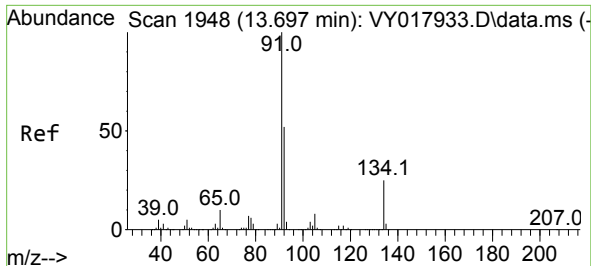
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

148 63.5 32.4 97.2

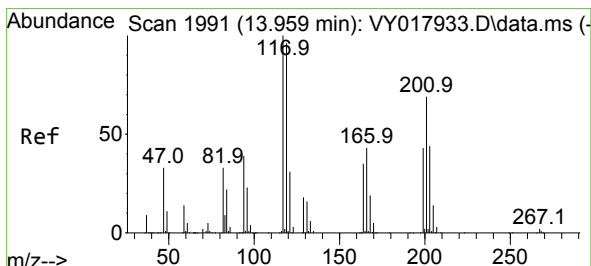
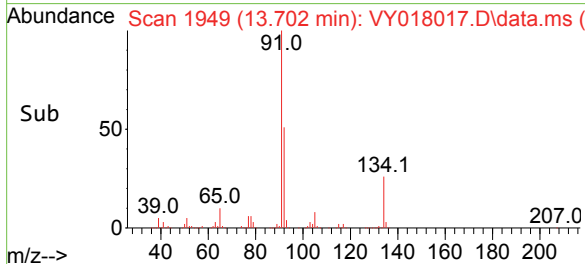
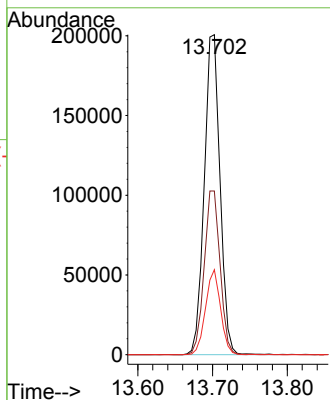
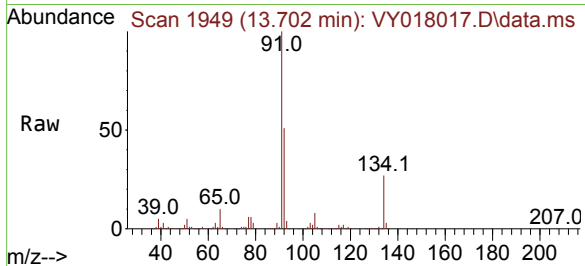




#89
n-Butylbenzene
Concen: 22.070 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

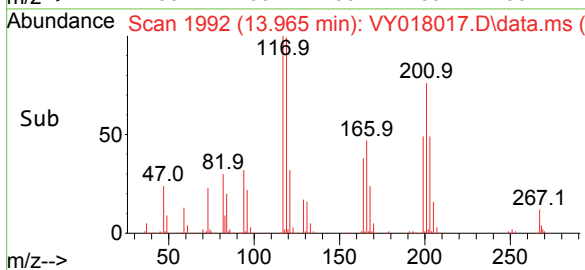
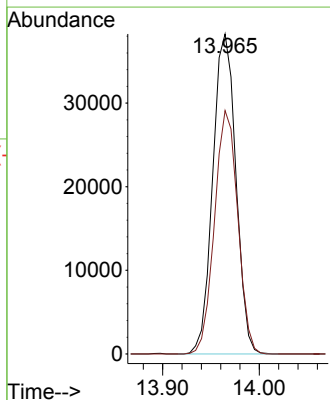
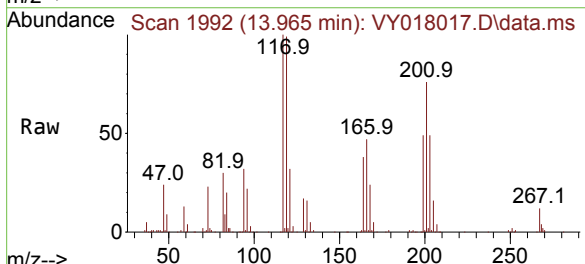
Instrument :
MSVOA_Y
ClientSampleId :

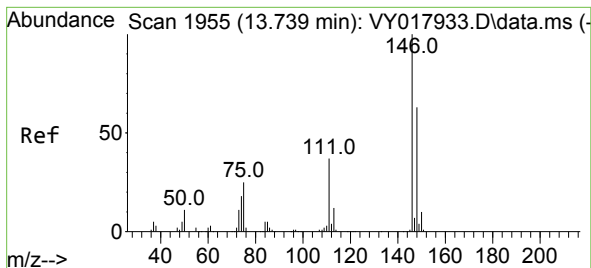
Tgt Ion: 91 Resp: 293940
Ion Ratio Lower Upper
91 100
92 51.7 26.6 79.7
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 21.811 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

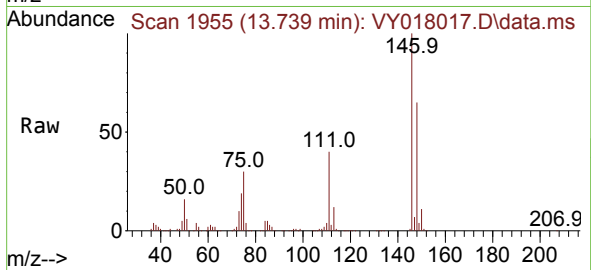
Tgt Ion: 117 Resp: 63315
Ion Ratio Lower Upper
117 100
201 76.5 37.4 112.2



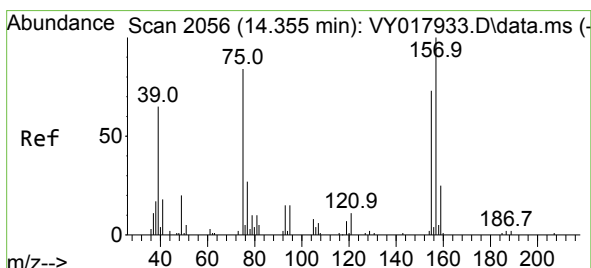
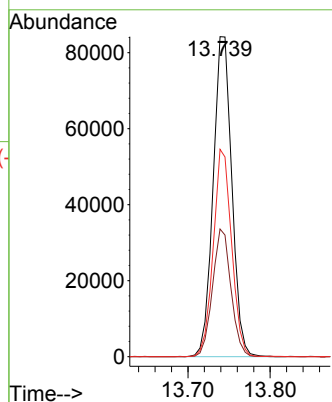
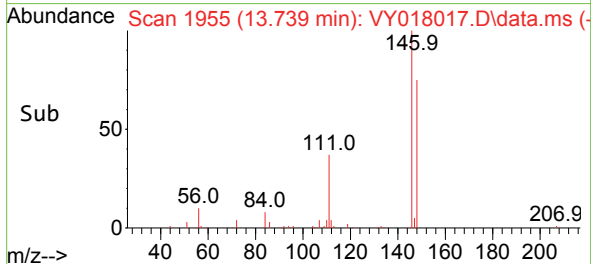


#91
1,2-Dichlorobenzene
Concen: 20.247 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25

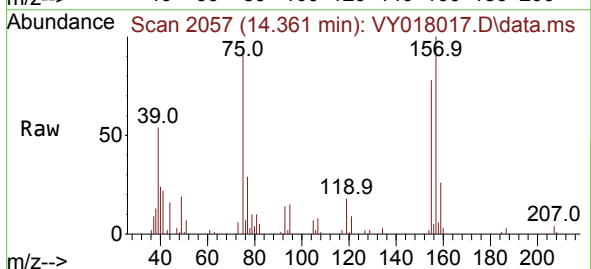
Instrument :
MSVOA_Y
ClientSampleId :



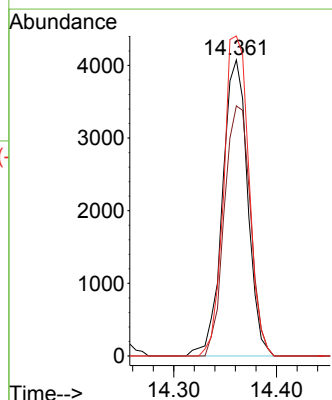
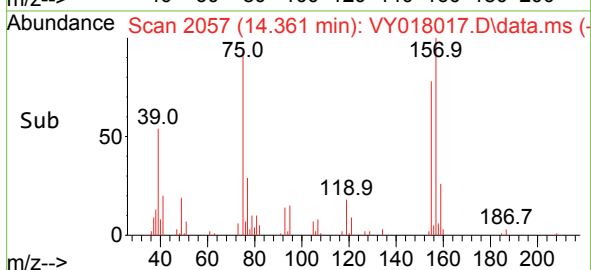
Tgt Ion:146 Resp: 132837
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.7
148 63.5 31.8 95.4

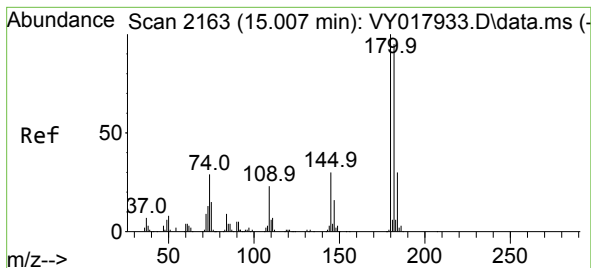


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.202 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY018017.D
Acq: 23 Apr 2024 10:25



Tgt Ion: 75 Resp: 6916
Ion Ratio Lower Upper
75 100
155 87.6 48.6 145.8
157 108.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.004 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

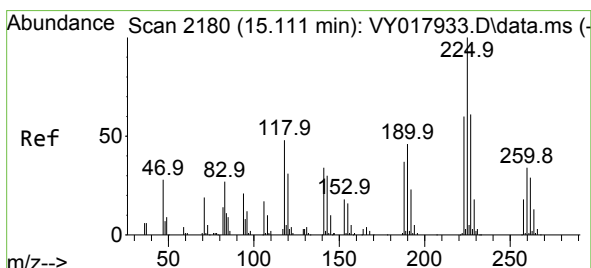
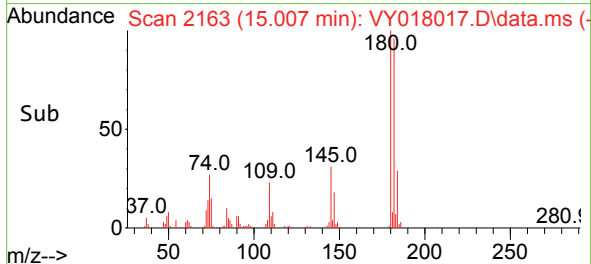
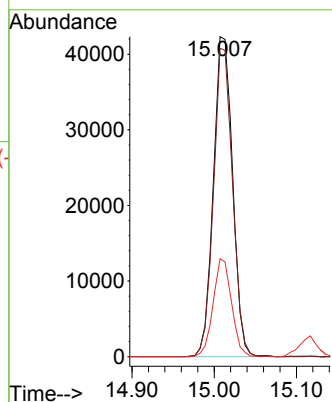
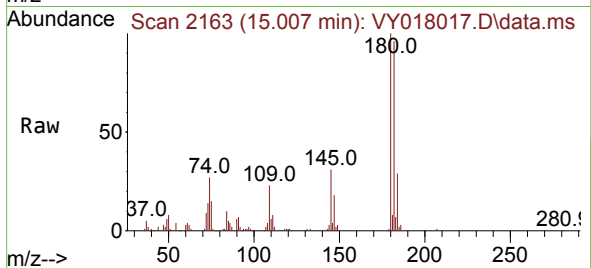
Tgt Ion:180 Resp: 68788

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.154 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

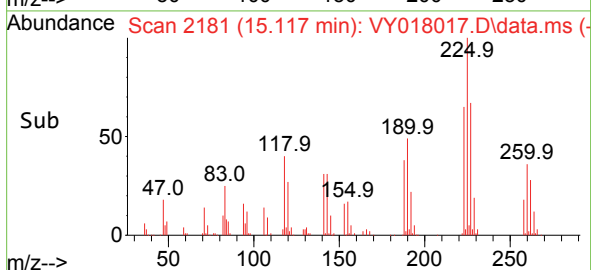
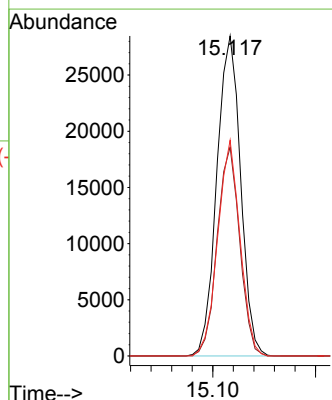
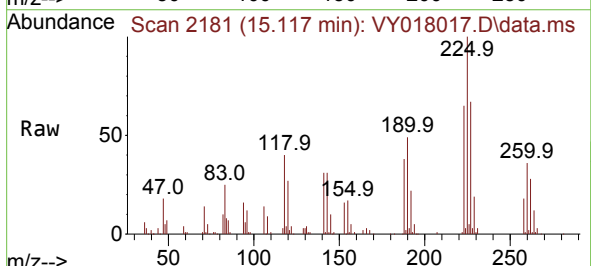
Tgt Ion:225 Resp: 45679

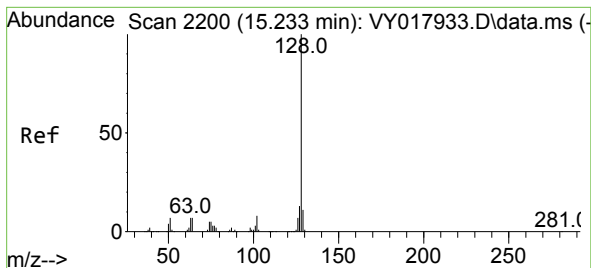
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 15.889 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Instrument :

MSVOA_Y

ClientSampleId :

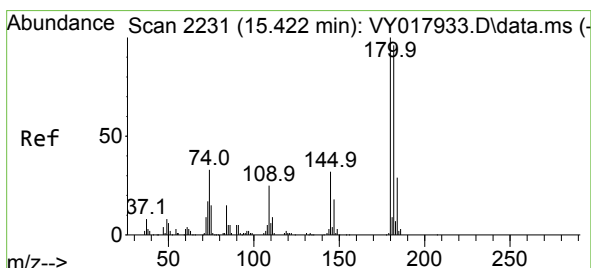
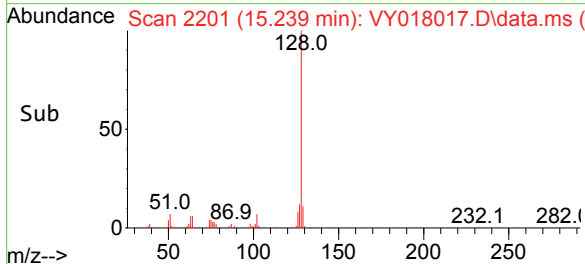
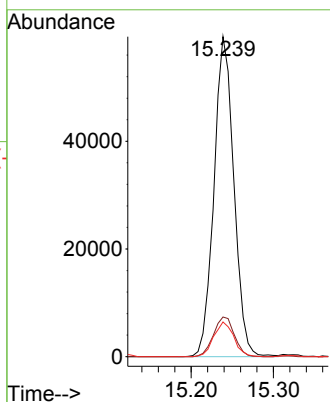
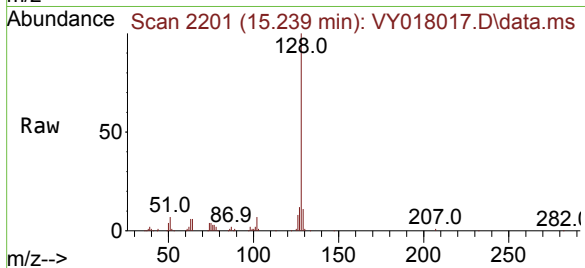
Tgt Ion:128 Resp: 100040

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.365 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018017.D

Acq: 23 Apr 2024 10:25

Tgt Ion:180 Resp: 55671

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 30.6 15.4 46.1

