

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018028.D
 Acq On : 24 Apr 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 01:30:41 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	7.801	168	346846	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	526785	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	458654	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	214102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	145068	48.332	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.728	113	171627	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.191	98	692599	56.163	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.320%
62) 4-Bromofluorobenzene	12.489	95	201718	52.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	141384	51.382	ug/l	99
3) Chloromethane	2.119	50	199472	43.750	ug/l	97
4) Vinyl Chloride	2.259	62	234167	45.567	ug/l	98
5) Bromomethane	2.662	94	166776	48.757	ug/l	100
6) Chloroethane	2.802	64	153892	47.433	ug/l	97
7) Trichlorofluoromethane	3.137	101	293302	50.642	ug/l	95
8) Diethyl Ether	3.540	74	84722	46.293	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	192009	53.237	ug/l	98
10) Methyl Iodide	4.107	142	246263	51.324	ug/l	99
11) Tert butyl alcohol	4.960	59	39451	179.616	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	185652	53.024	ug/l	98
13) Acrolein	3.741	56	59935	256.394	ug/l	100
14) Allyl chloride	4.491	41	241962	53.401	ug/l	92
15) Acrylonitrile	5.174	53	169779	228.481	ug/l	99
16) Acetone	3.954	43	140170	236.349	ug/l	94
17) Carbon Disulfide	4.210	76	568572	51.047	ug/l	98
18) Methyl Acetate	4.491	43	64524	41.357	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	353491	46.325	ug/l	99
20) Methylene Chloride	4.729	84	199106	49.555	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	203503	53.058	ug/l	99
22) Diisopropyl ether	6.131	45	533266	53.685	ug/l	99
23) Vinyl Acetate	6.070	43	1470864	249.710	ug/l	98
24) 1,1-Dichloroethane	6.027	63	344087	53.054	ug/l	98
25) 2-Butanone	6.996	43	205844	236.133	ug/l	93
26) 2,2-Dichloropropane	6.996	77	284181	54.616	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	228605	52.187	ug/l	98
28) Bromochloromethane	7.344	49	131828	51.674	ug/l	95
29) Tetrahydrofuran	7.356	42	122395	221.251	ug/l	94
30) Chloroform	7.515	83	346341	52.251	ug/l	100
31) Cyclohexane	7.801	56	299498	52.204	ug/l	95
32) 1,1,1-Trichloroethane	7.716	97	294486	53.342	ug/l	98
36) 1,1-Dichloropropene	7.929	75	261167	55.257	ug/l	98
37) Ethyl Acetate	7.088	43	91365	46.985	ug/l	98
38) Carbon Tetrachloride	7.911	117	266046	55.716	ug/l	97
39) Methylcyclohexane	9.197	83	339756	55.162	ug/l	96
40) Benzene	8.173	78	812943	54.912	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	53463	43.572	ug/l	87
42) 1,2-Dichloroethane	8.246	62	168368	49.634	ug/l	99
43) Isopropyl Acetate	8.283	43	165716	45.718	ug/l	99
44) Trichloroethene	8.947	130	205815	54.708	ug/l	99
45) 1,2-Dichloropropane	9.228	63	189425	55.584	ug/l	100
46) Dibromomethane	9.313	93	93088	49.382	ug/l	97
47) Bromodichloromethane	9.508	83	251214	53.119	ug/l	99
48) Methyl methacrylate	9.301	41	79830	48.062	ug/l	94
49) 1,4-Dioxane	9.307	88	19446	903.639	ug/l #	90
51) 4-Methyl-2-Pentanone	10.081	43	452262	235.360	ug/l	98
52) Toluene	10.252	92	507240	55.835	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	222283	51.484	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	282153	53.197	ug/l	100
55) 1,1,2-Trichloroethane	10.654	97	128627	50.196	ug/l	96
56) Ethyl methacrylate	10.520	69	161350	48.299	ug/l	97
57) 1,3-Dichloropropane	10.801	76	221153	50.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	402809	231.967	ug/l	97
59) 2-Hexanone	10.837	43	333225	254.036	ug/l	96
60) Dibromochloromethane	10.990	129	167260	50.788	ug/l	99
61) 1,2-Dibromoethane	11.099	107	115683	48.441	ug/l	99
64) Tetrachloroethene	10.727	164	179097	54.510	ug/l	100
65) Chlorobenzene	11.526	112	546954	54.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	180903	54.577	ug/l	100
67) Ethyl Benzene	11.599	91	965149	57.023	ug/l	99
68) m/p-Xylenes	11.709	106	734392	112.970	ug/l	98
69) o-Xylene	12.038	106	340086	56.020	ug/l	98
70) Styrene	12.050	104	583132	56.833	ug/l	100
71) Bromoform	12.215	173	91655	47.859	ug/l #	98
73) Isopropylbenzene	12.337	105	909439	58.295	ug/l	99
74) N-amyl acetate	12.154	43	150230	47.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	139013	47.777	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	171134	85.179	ug/l #	100
77) Bromobenzene	12.617	156	205247	54.365	ug/l	97
78) n-propylbenzene	12.678	91	1117408	59.033	ug/l	100
79) 2-Chlorotoluene	12.764	91	603745	56.985	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	714247	57.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	48427	49.698	ug/l	97
82) 4-Chlorotoluene	12.861	91	610493	55.637	ug/l	99
83) tert-Butylbenzene	13.081	119	649794	57.512	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	711139	57.726	ug/l	99
85) sec-Butylbenzene	13.264	105	991041	58.398	ug/l	99
86) p-Isopropyltoluene	13.379	119	819264	58.751	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	406642	54.286	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	395487	53.782	ug/l	99
89) n-Butylbenzene	13.702	91	775160	59.087	ug/l	100
90) Hexachloroethane	13.971	117	162205	56.726	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	340425	52.677	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	16197	43.278	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	189576	50.374	ug/l	99
94) Hexachlorobutadiene	15.123	225	120607	54.022	ug/l	98
95) Naphthalene	15.245	128	286362	46.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	156452	49.544	ug/l	99

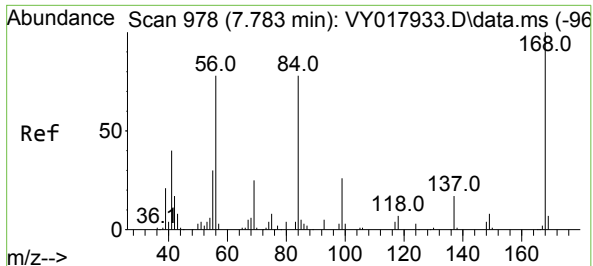
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
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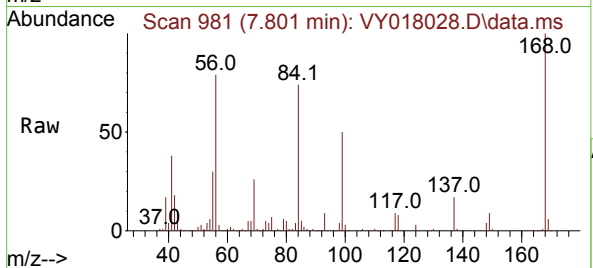
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

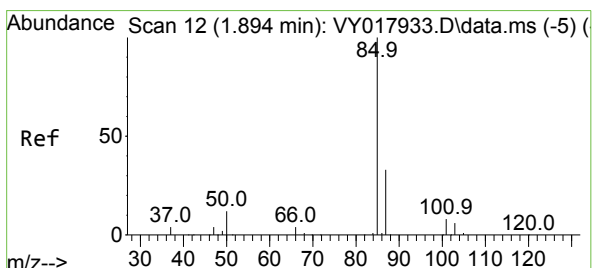
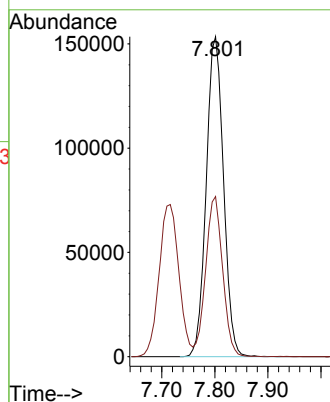
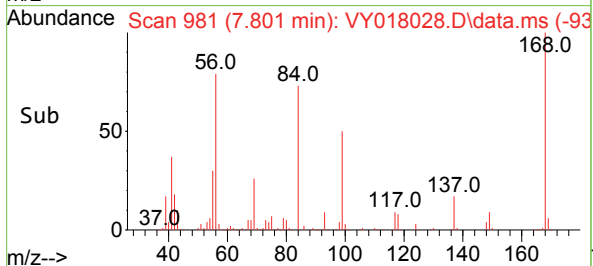


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Instrument :
MSVOA_Y
ClientSampleId :

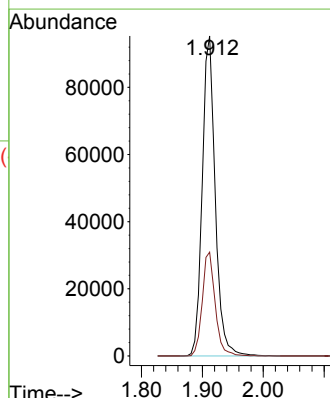
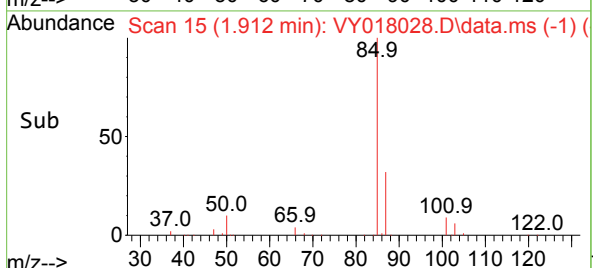
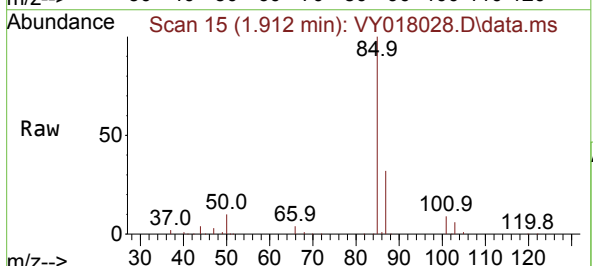


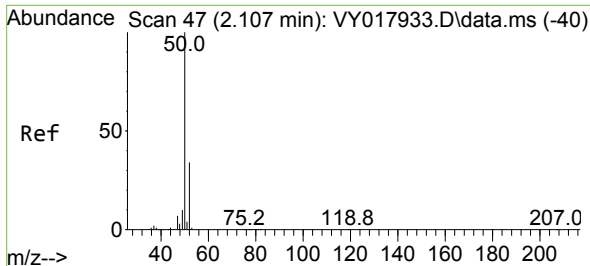
Tgt Ion:168 Resp: 346846
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 51.382 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 85 Resp: 141384
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

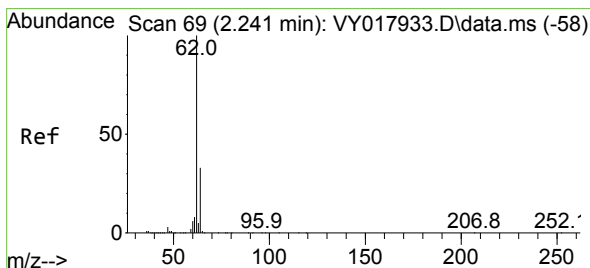
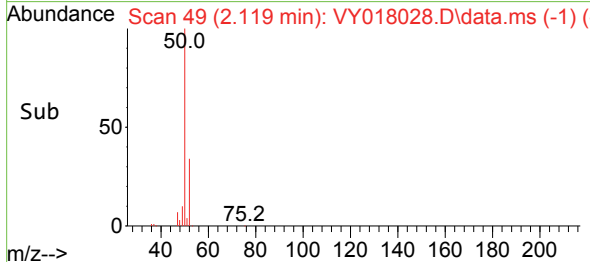
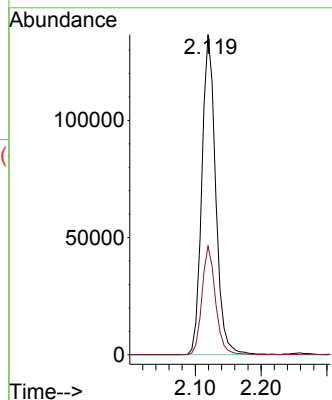
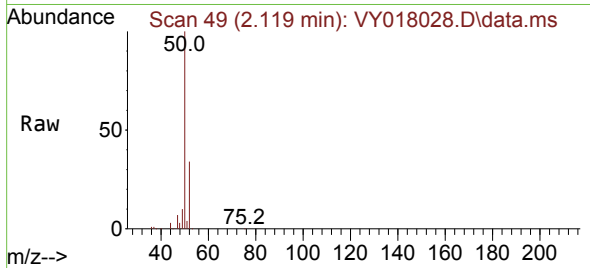




#3
Chloromethane
Concen: 43.750 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

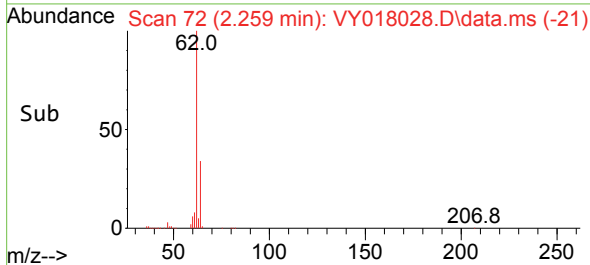
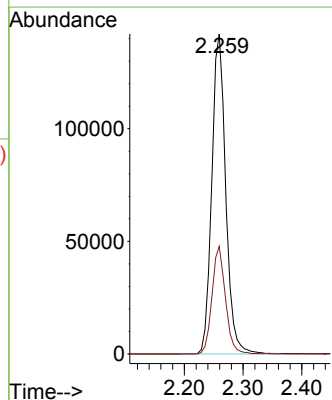
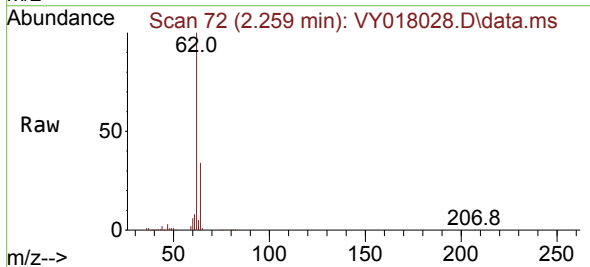
Instrument :
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ClientSampleId :

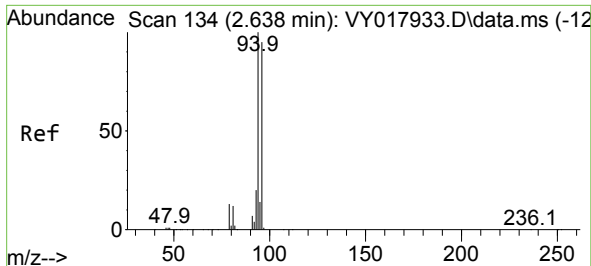
Tgt Ion: 50 Resp: 199472
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 45.567 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 62 Resp: 234167
Ion Ratio Lower Upper
62 100
64 33.7 26.1 39.1

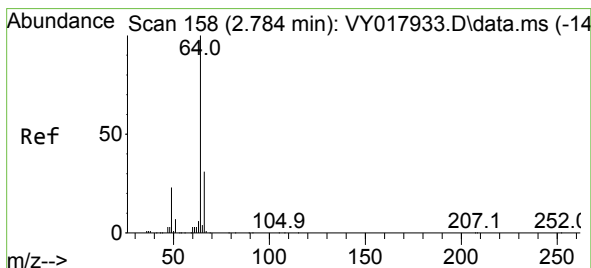
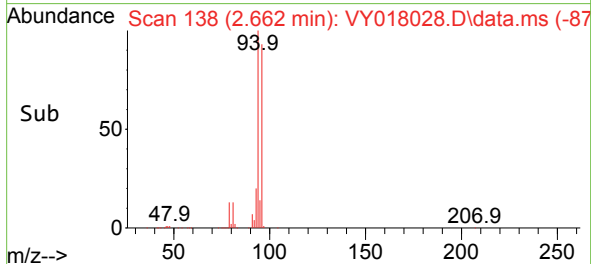
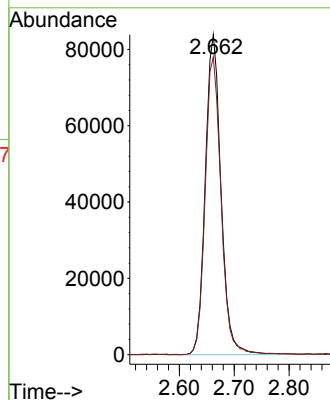
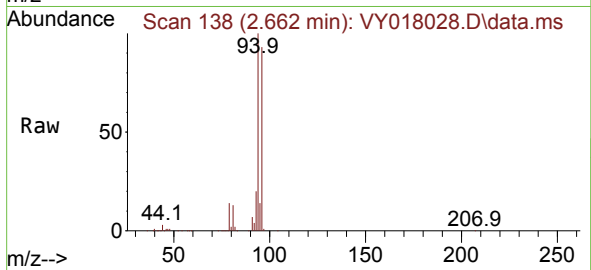




#5
Bromomethane
Concen: 48.757 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

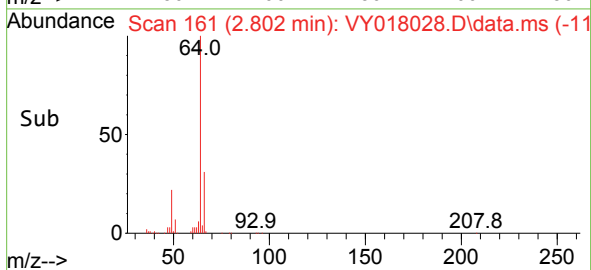
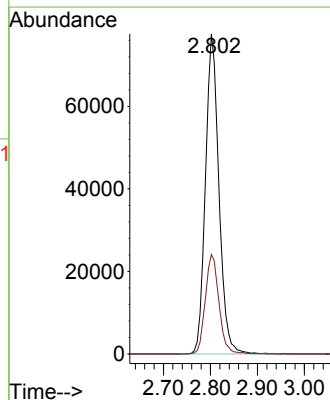
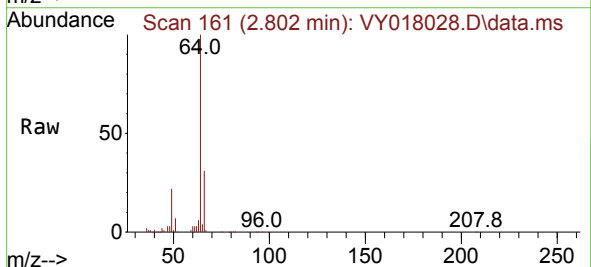
Instrument :
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ClientSampleId :

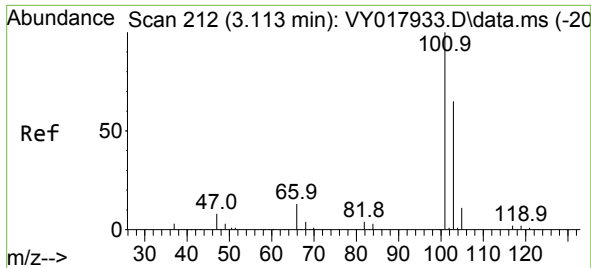
Tgt Ion: 94 Resp: 166776
Ion Ratio Lower Upper
94 100
96 93.0 74.1 111.1



#6
Chloroethane
Concen: 47.433 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 64 Resp: 153892
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1

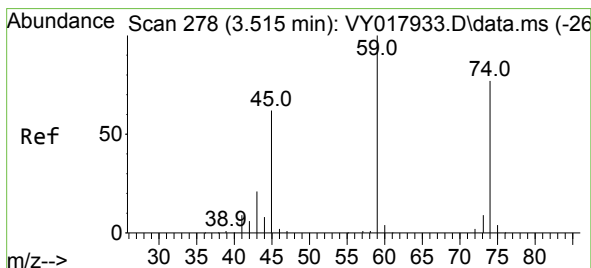
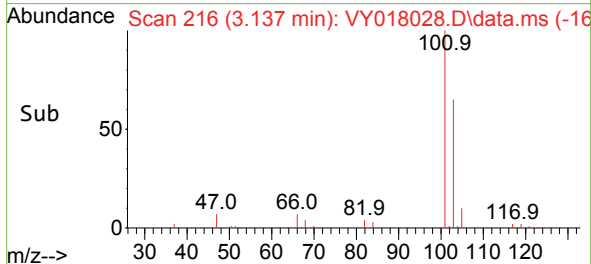
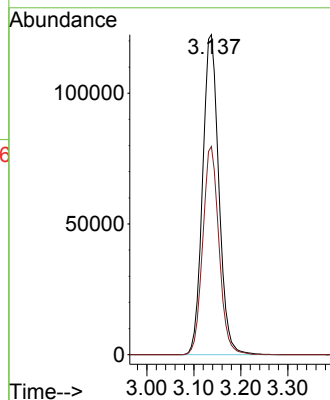
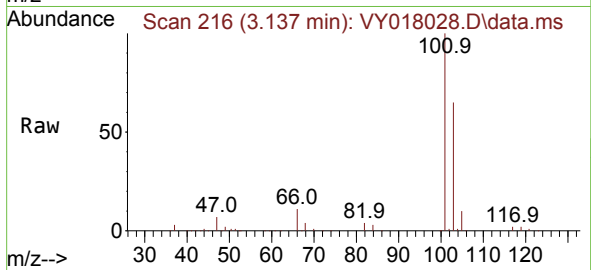




#7
 Trichlorofluoromethane
 Concen: 50.642 ug/l
 RT: 3.137 min Scan# 211
 Delta R.T. 0.012 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

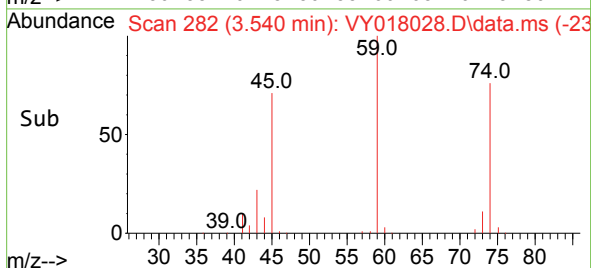
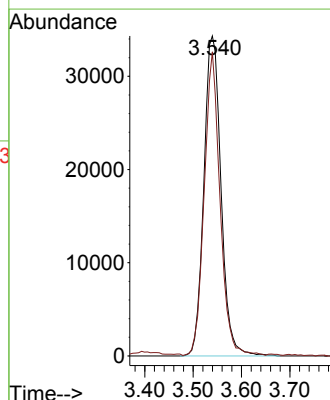
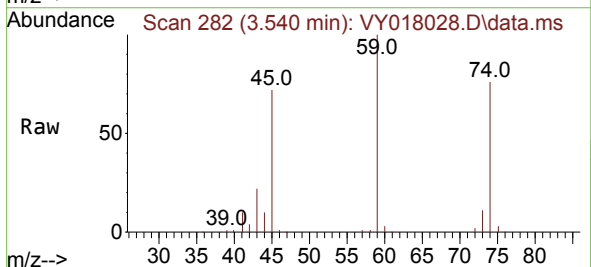
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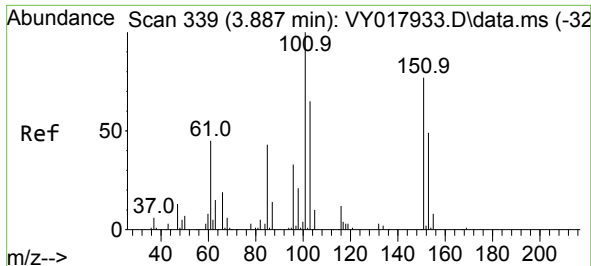
Tgt Ion:101 Resp: 293302
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 46.293 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.012 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

Tgt Ion: 74 Resp: 84722
 Ion Ratio Lower Upper
 74 100
 45 87.1 41.3 124.1

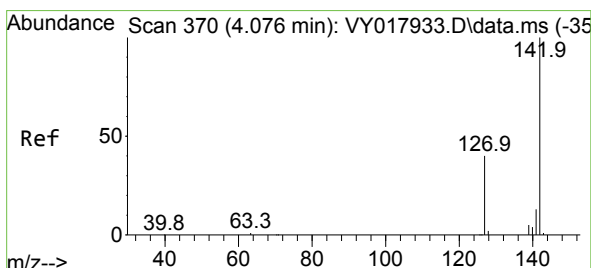
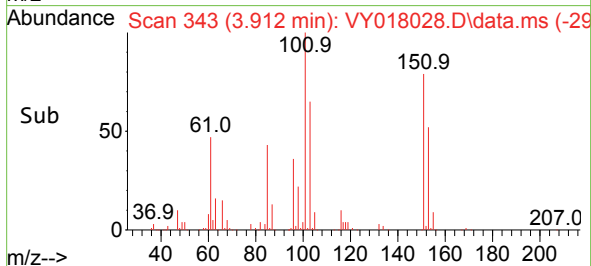
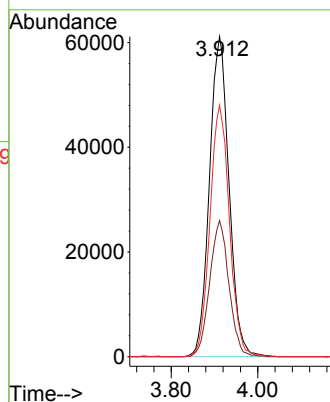
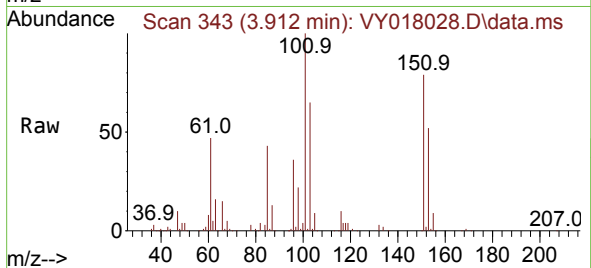




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.237 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

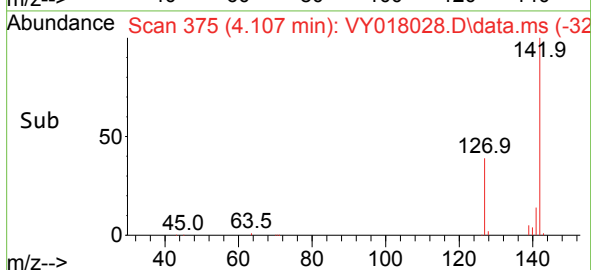
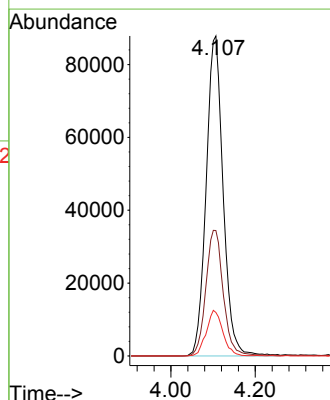
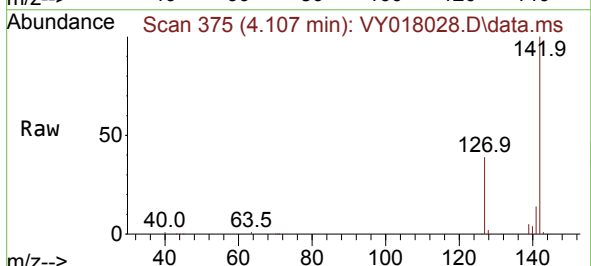
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ClientSampleId :

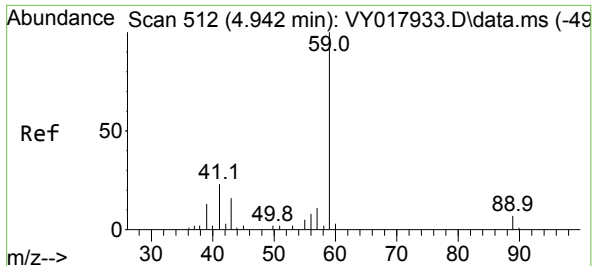
Tgt Ion:101 Resp: 192009
Ion Ratio Lower Upper
101 100
85 41.8 34.5 51.7
151 78.3 61.7 92.5



#10
Methyl Iodide
Concen: 51.324 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion:142 Resp: 246263
Ion Ratio Lower Upper
142 100
127 40.3 32.8 49.2
141 13.9 11.4 17.2

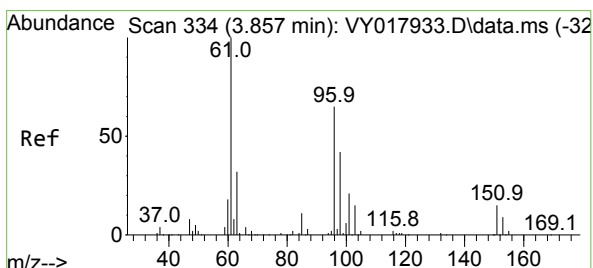
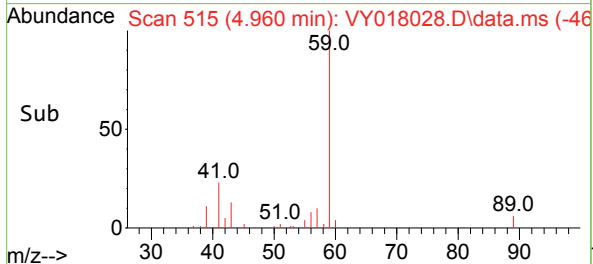
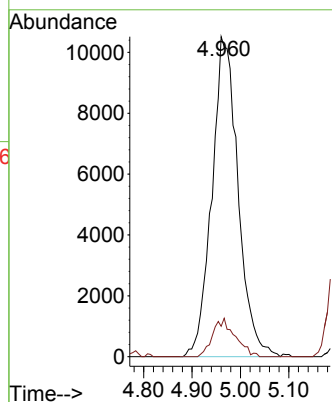
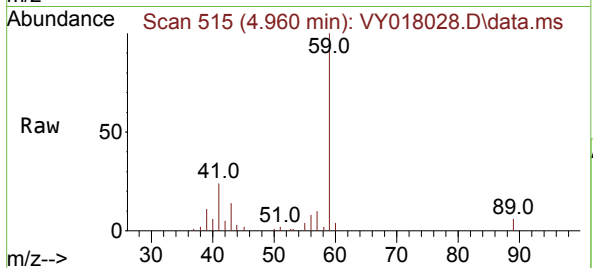




#11
Tert butyl alcohol
Concen: 179.616 ug/l
RT: 4.960 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

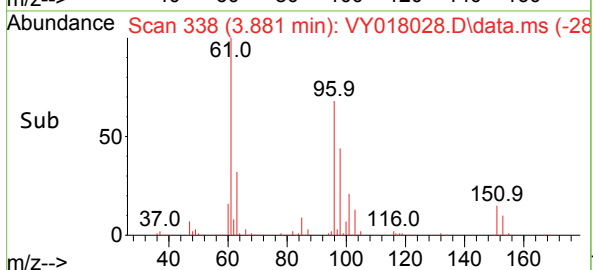
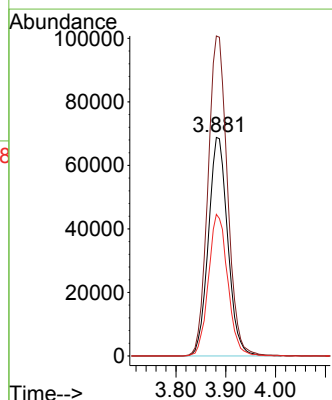
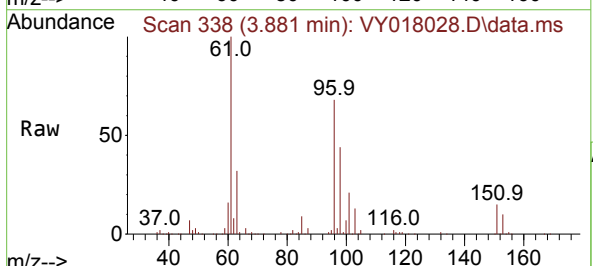
Instrument :
MSVOA_Y
ClientSampleId :

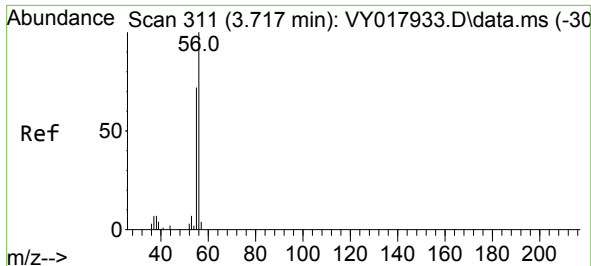
Tgt Ion: 59 Resp: 39451
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.024 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 96 Resp: 185652
Ion Ratio Lower Upper
96 100
61 146.4 114.6 171.8
98 64.7 50.8 76.2





#13

Acrolein

Concen: 256.394 ug/l

RT: 3.741 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

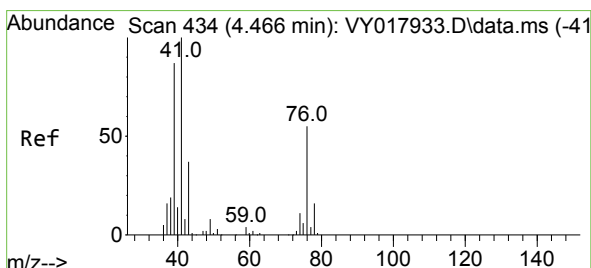
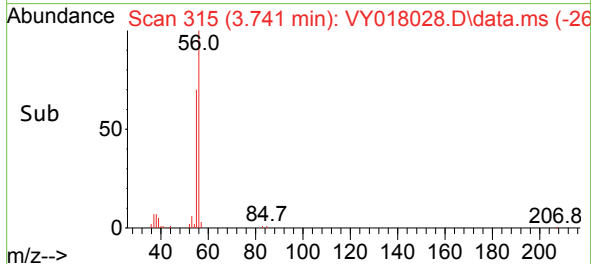
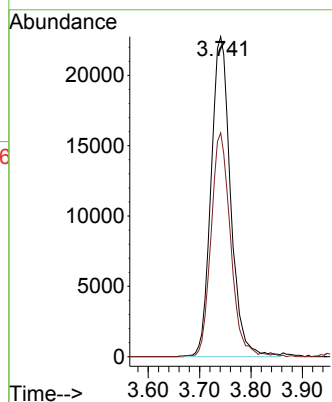
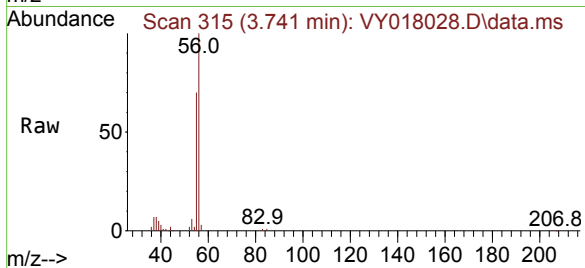
ClientSampleId :

Tgt Ion: 56 Resp: 59935

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 53.401 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

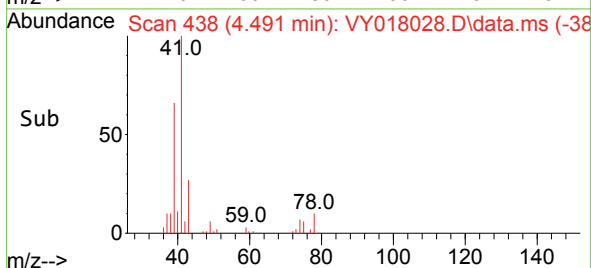
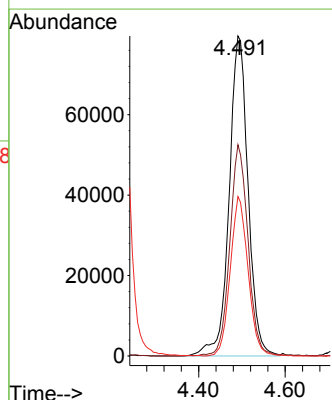
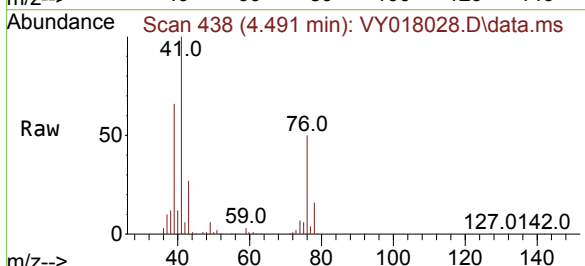
Tgt Ion: 41 Resp: 241962

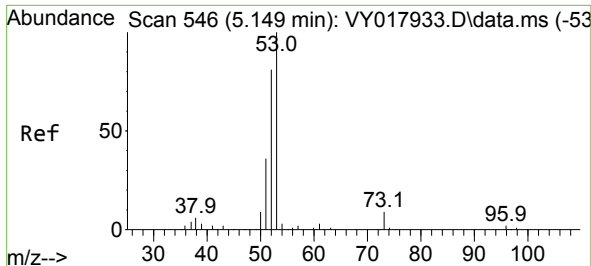
Ion Ratio Lower Upper

41 100

39 63.7 58.3 87.5

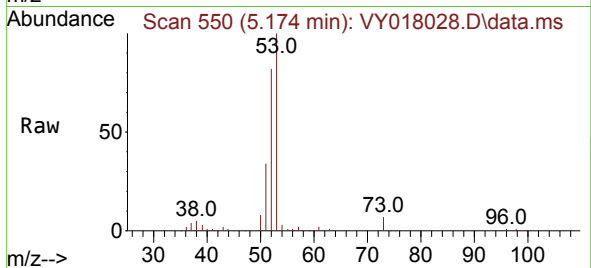
76 46.9 39.0 58.6



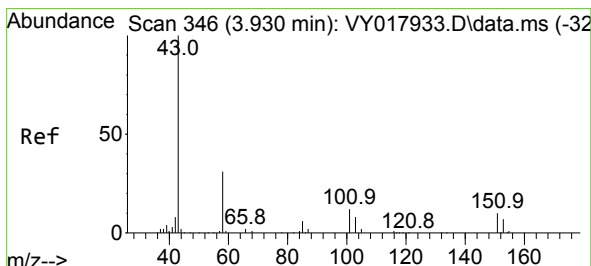
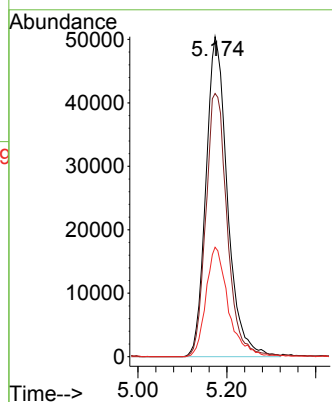
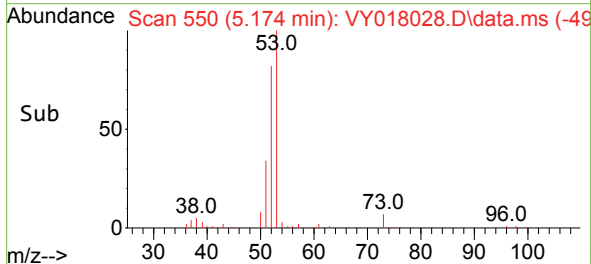


#15
Acrylonitrile
Concen: 228.481 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Instrument :
MSVOA_Y
ClientSampleId :

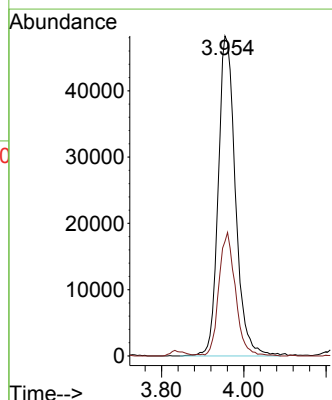
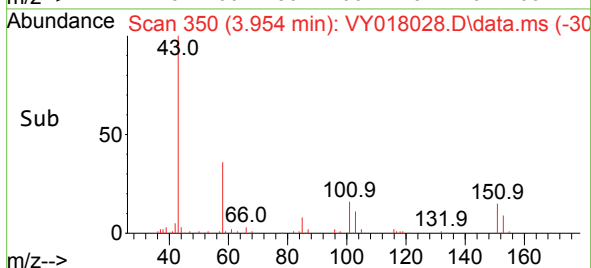
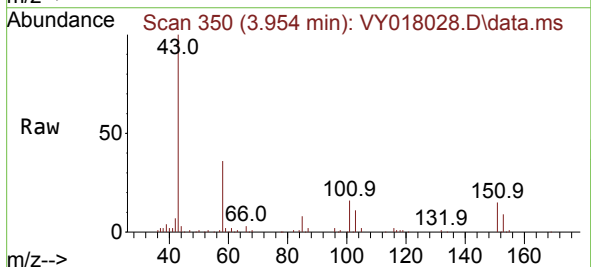


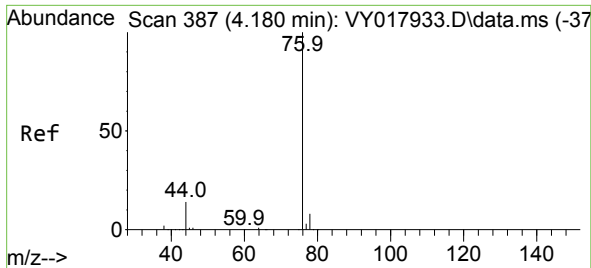
Tgt Ion: 53 Resp: 169779
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 35.7 28.4 42.6



#16
Acetone
Concen: 236.349 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 43 Resp: 140170
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5

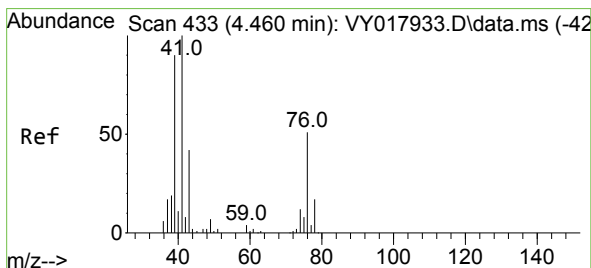
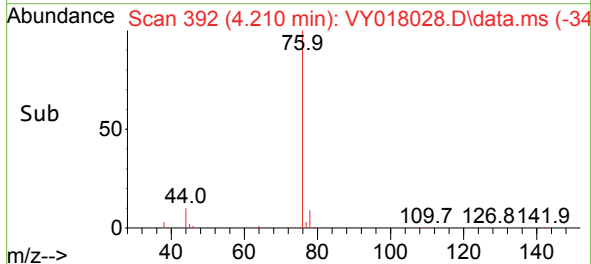
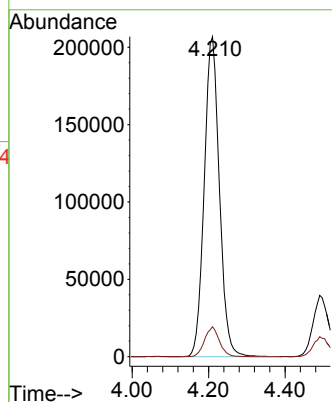
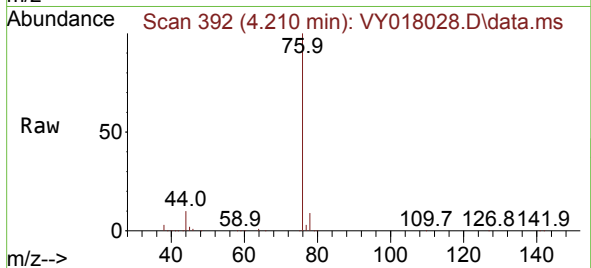




#17
Carbon Disulfide
Concen: 51.047 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

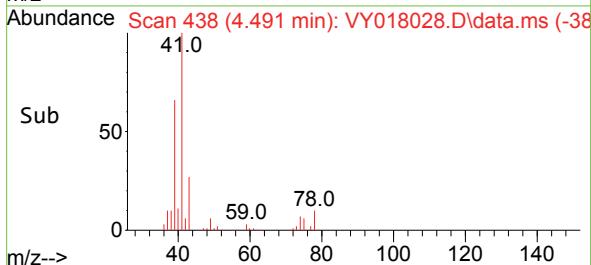
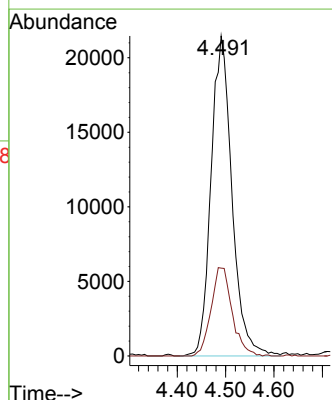
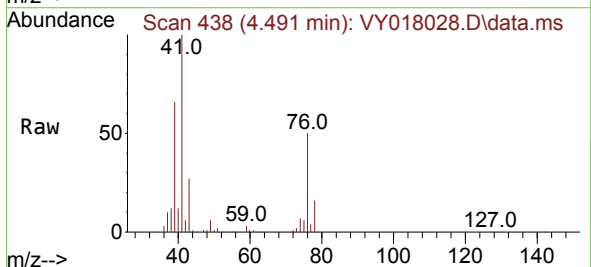
Instrument :
MSVOA_Y
ClientSampleId :

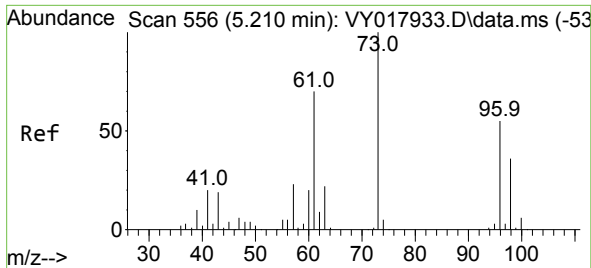
Tgt Ion: 76 Resp: 568572
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 41.357 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 43 Resp: 64524
Ion Ratio Lower Upper
43 100
74 27.8 23.3 34.9

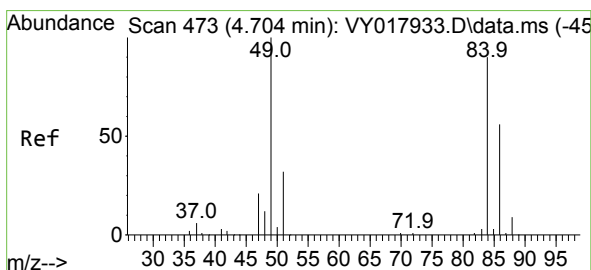
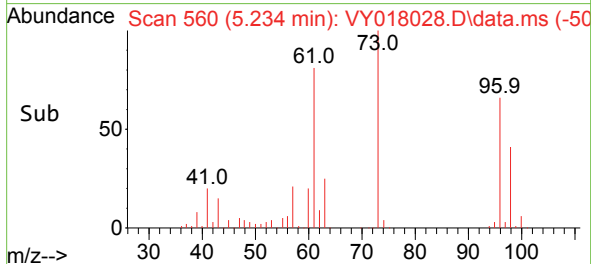
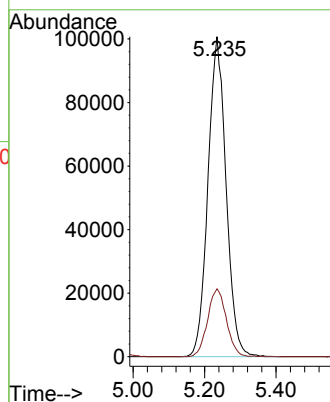
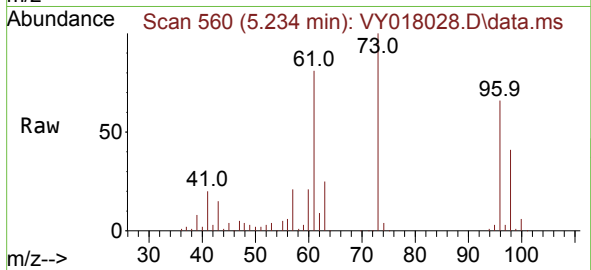




#19
Methyl tert-butyl Ether
Concen: 46.325 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

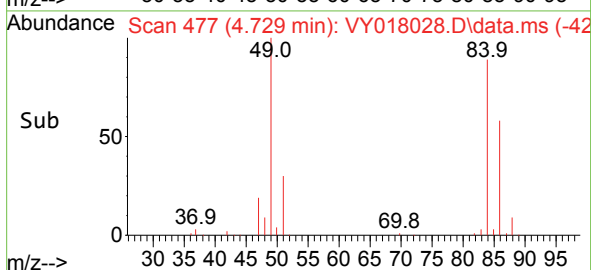
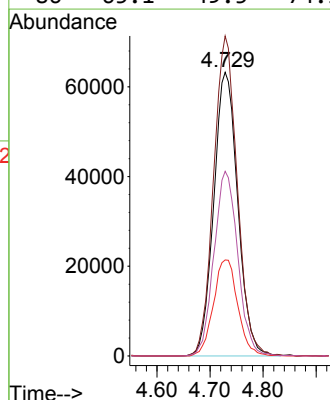
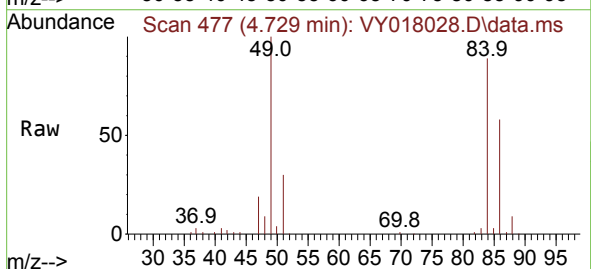
Instrument :
MSVOA_Y
ClientSampleId :

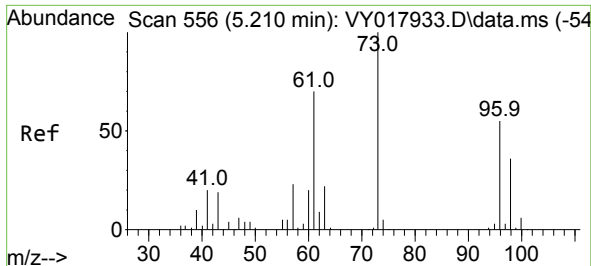
Tgt Ion: 73 Resp: 353491
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 49.555 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

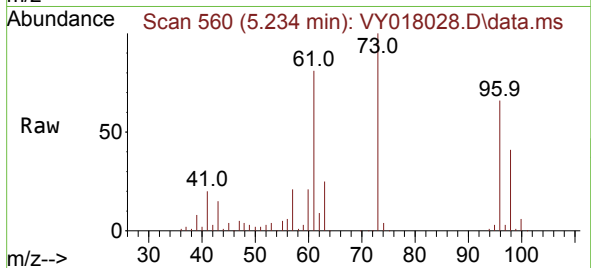
Tgt Ion: 84 Resp: 199106
Ion Ratio Lower Upper
84 100
49 112.8 84.4 126.6
51 33.8 26.0 39.0
86 65.1 49.5 74.3



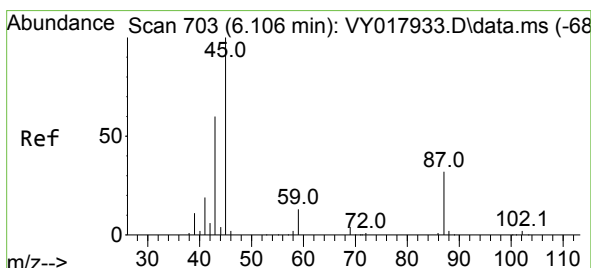
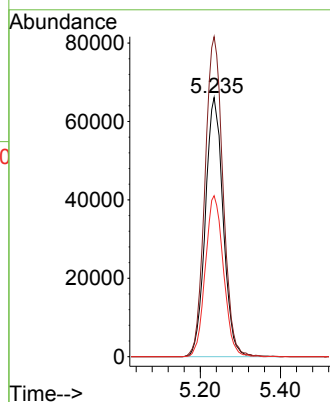
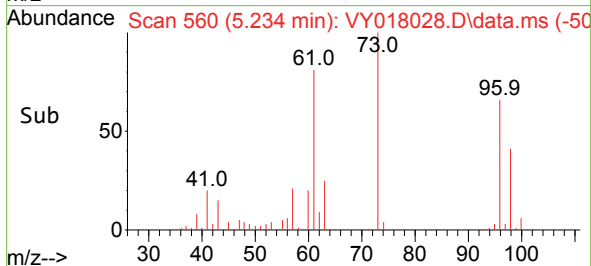


#21
trans-1,2-Dichloroethene
Concen: 53.058 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

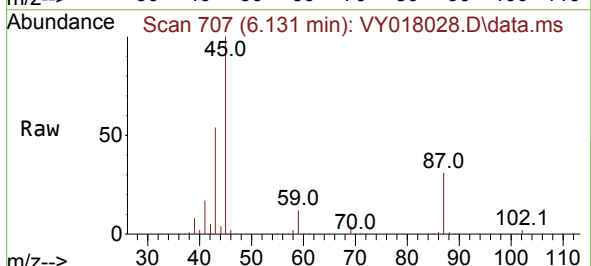
Instrument :
MSVOA_Y
ClientSampleId :



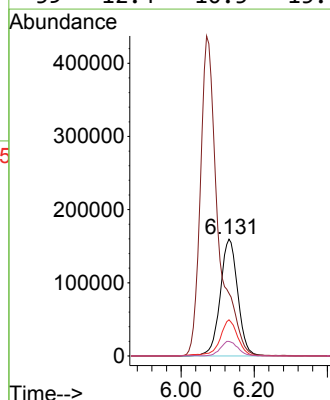
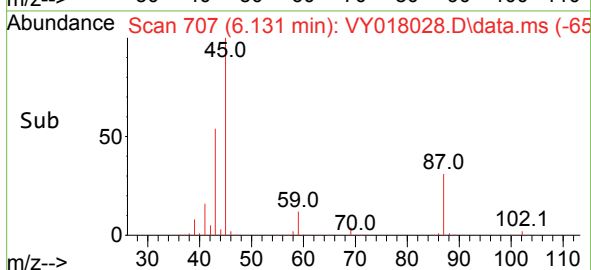
Tgt Ion: 96 Resp: 203503
Ion Ratio Lower Upper
96 100
61 123.5 97.5 146.3
98 62.1 50.5 75.7

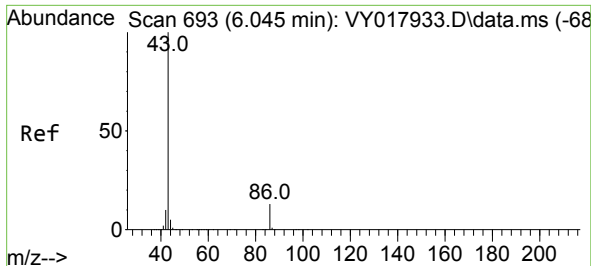


#22
Diisopropyl ether
Concen: 53.685 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11



Tgt Ion: 45 Resp: 533266
Ion Ratio Lower Upper
45 100
43 53.5 42.2 63.2
87 30.9 25.0 37.6
59 12.4 10.5 15.7

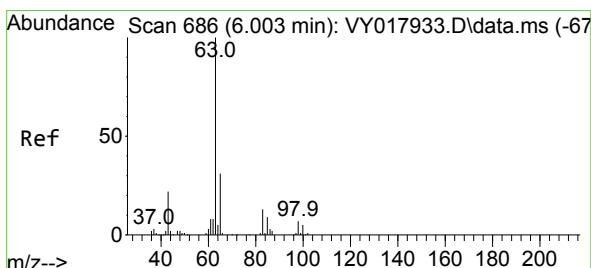
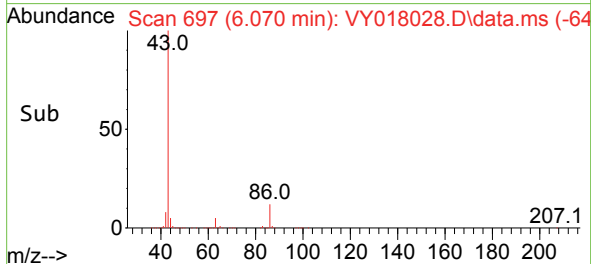
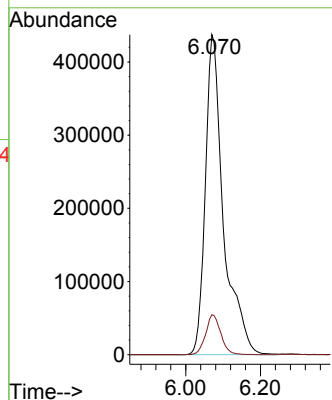
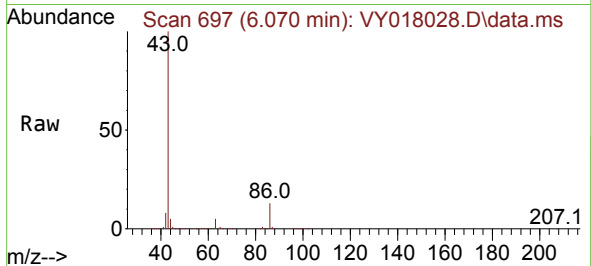




#23
 Vinyl Acetate
 Concen: 249.710 ug/l
 RT: 6.070 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

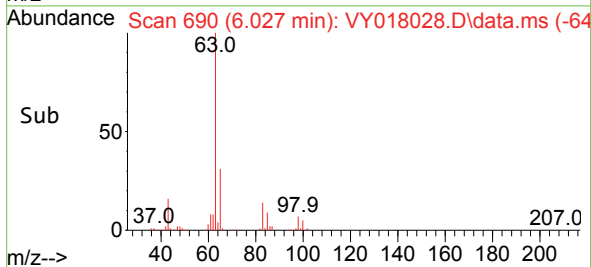
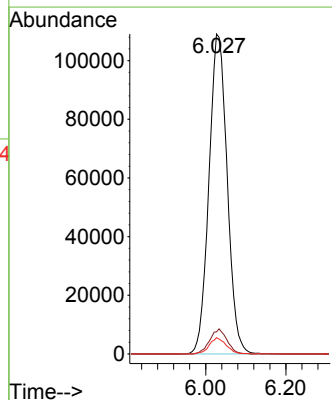
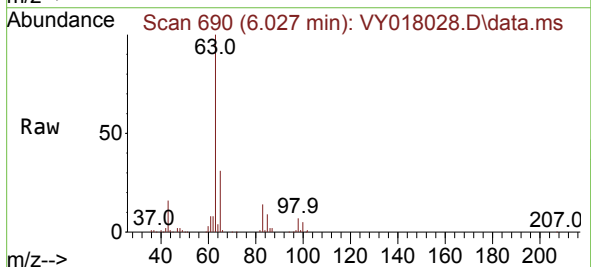
Instrument :
 MSVOA_Y
 ClientSampleId :

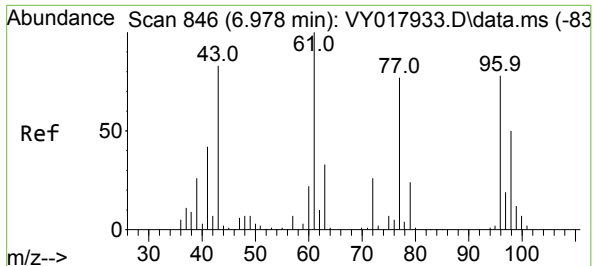
Tgt Ion: 43 Resp: 1470864
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.054 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

Tgt Ion: 63 Resp: 344087
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 236.133 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

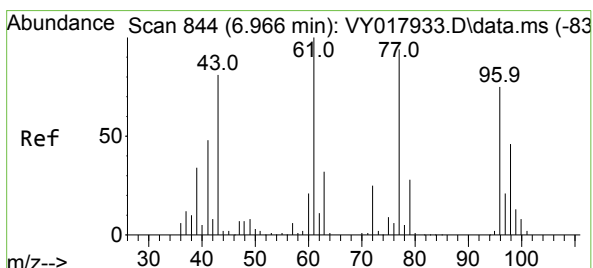
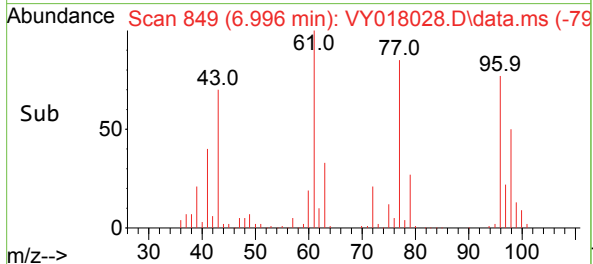
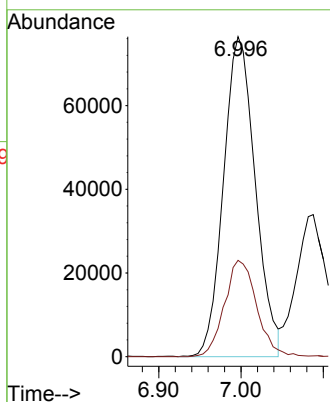
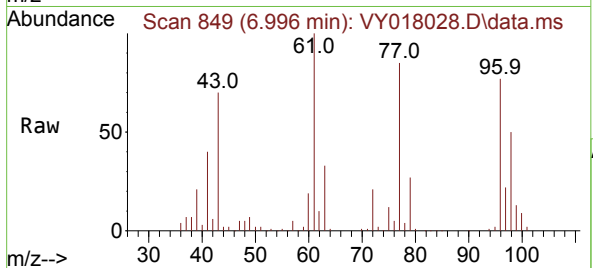
ClientSampleId :

Tgt Ion: 43 Resp: 205844

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 54.616 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY018028.D

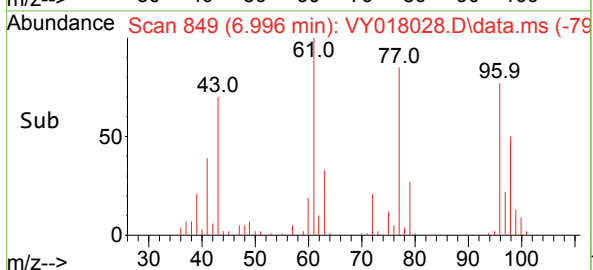
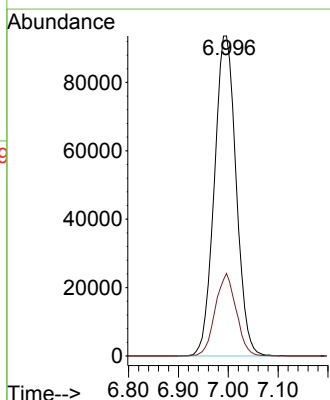
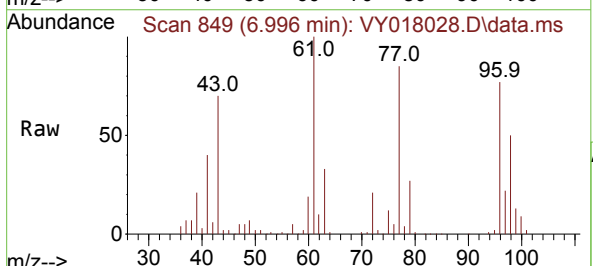
Acq: 24 Apr 2024 09:11

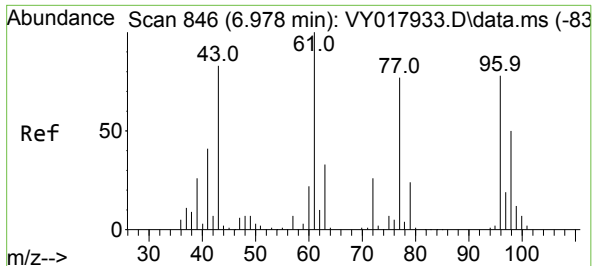
Tgt Ion: 77 Resp: 284181

Ion Ratio Lower Upper

77 100

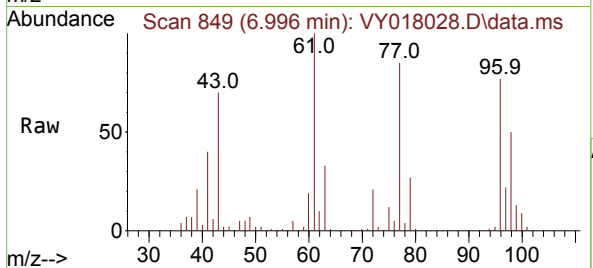
97 24.8 12.0 36.1





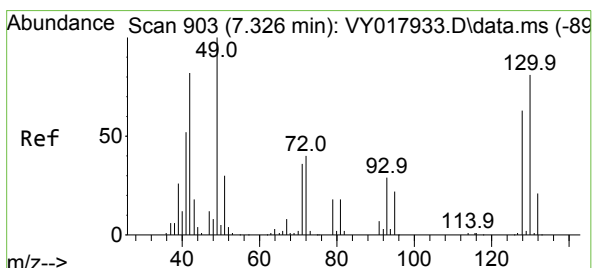
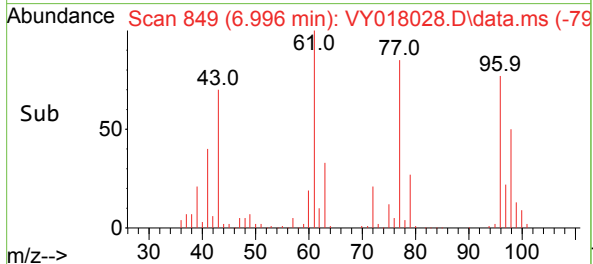
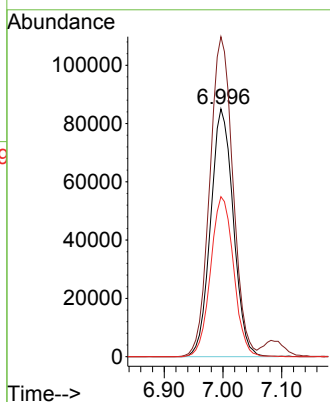
#27
 cis-1,2-Dichloroethene
 Concen: 52.187 ug/l
 RT: 6.996 min Scan# 846
 Delta R.T. 0.012 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 228605

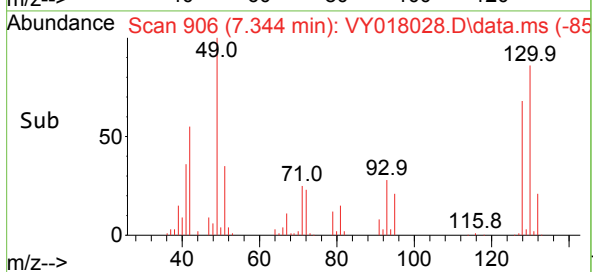
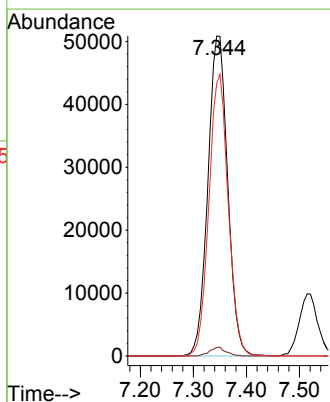
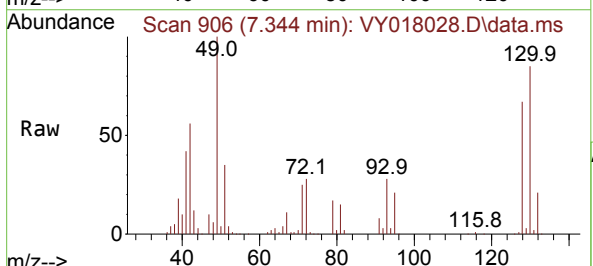
Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	256.2
98	65.4	0.0	130.0

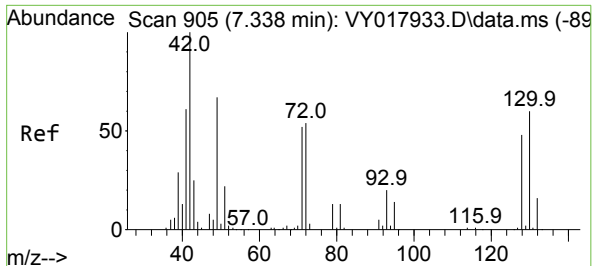


#28
 Bromochloromethane
 Concen: 51.674 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

Tgt Ion: 49 Resp: 131828

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	86.0	72.7	109.1





#29

Tetrahydrofuran

Concen: 221.251 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

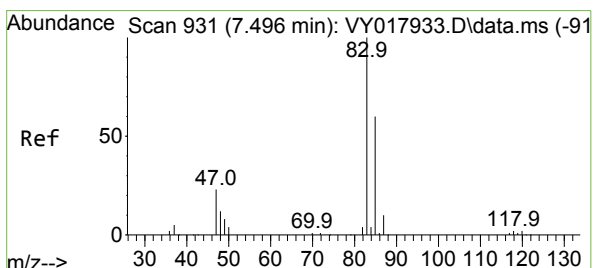
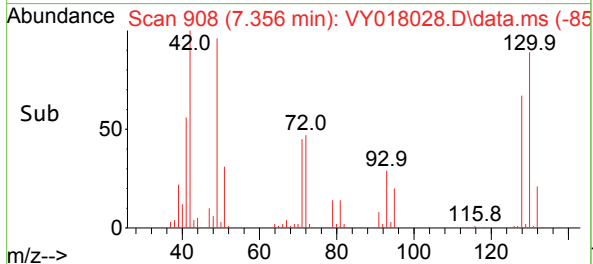
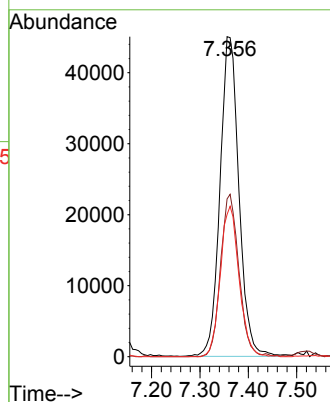
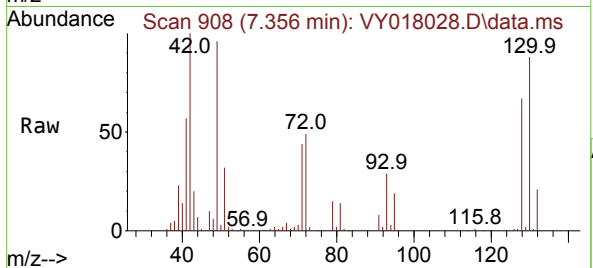
Tgt Ion: 42 Resp: 122395

Ion Ratio Lower Upper

42 100

72 48.9 43.0 64.4

71 46.7 40.8 61.2



#30

Chloroform

Concen: 52.251 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY018028.D

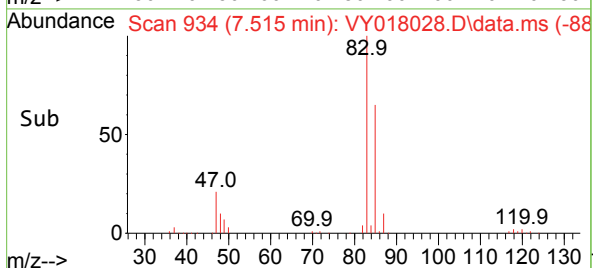
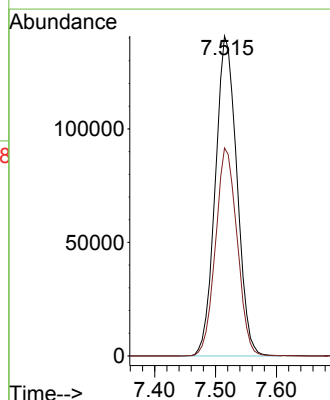
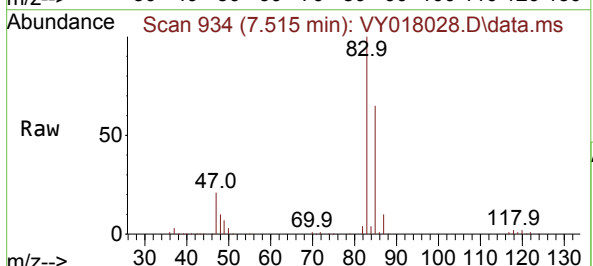
Acq: 24 Apr 2024 09:11

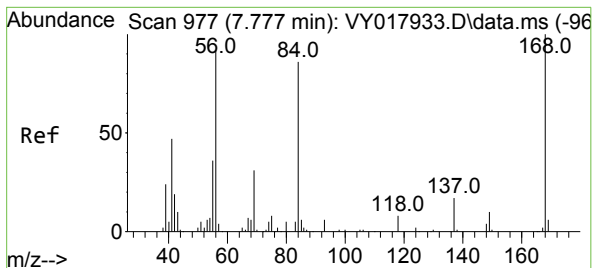
Tgt Ion: 83 Resp: 346341

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4





#31

Cyclohexane

Concen: 52.204 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

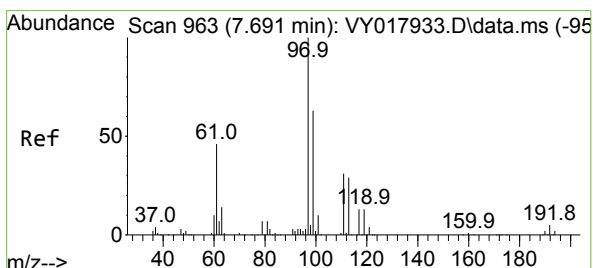
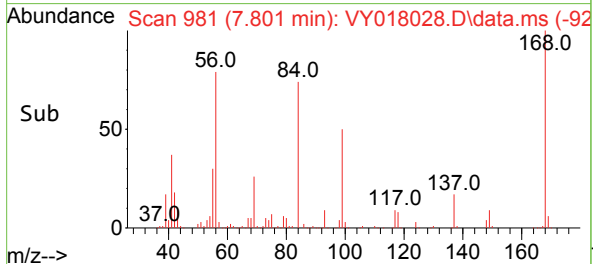
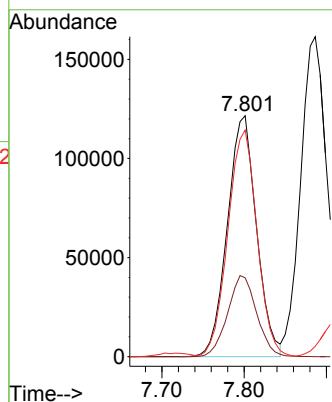
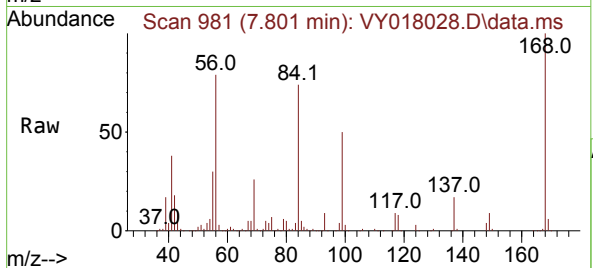
Tgt Ion: 56 Resp: 299498

Ion Ratio Lower Upper

56 100

69 32.7 28.7 43.1

84 92.6 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 53.342 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

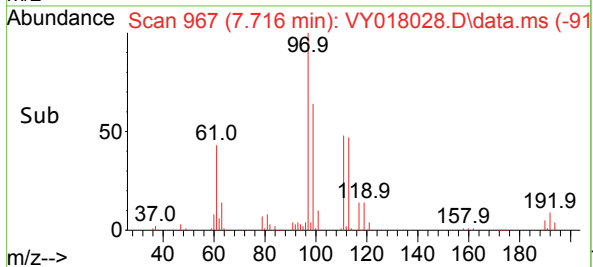
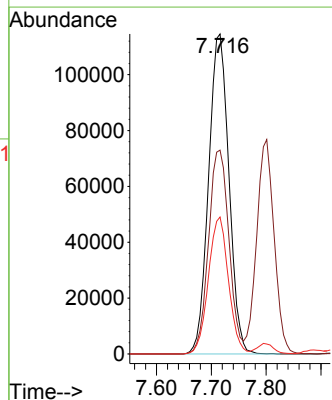
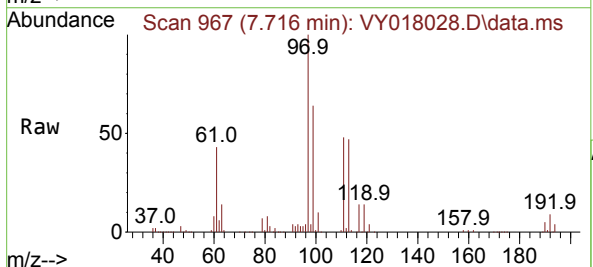
Tgt Ion: 97 Resp: 294486

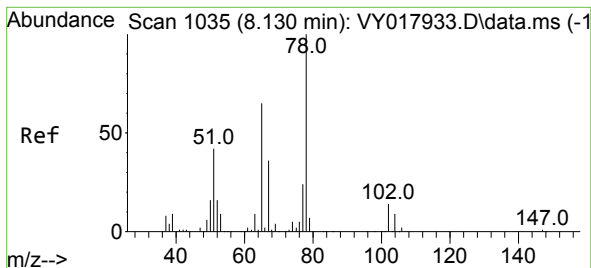
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 42.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.332 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

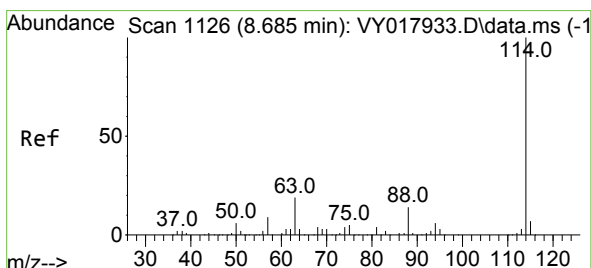
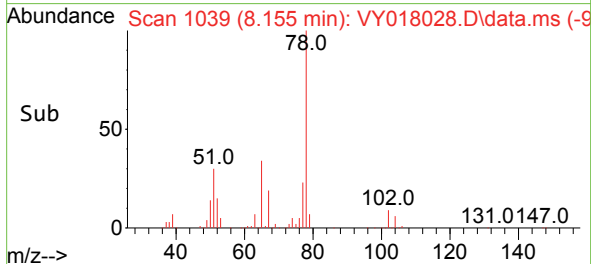
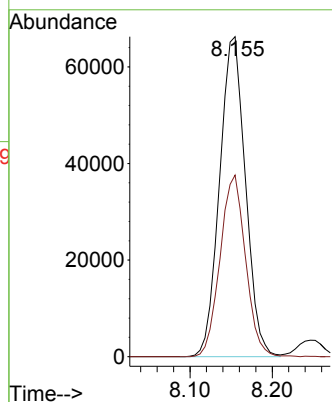
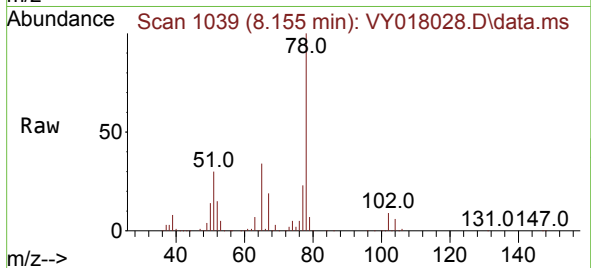
ClientSampleId :

Tgt Ion: 65 Resp: 145068

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

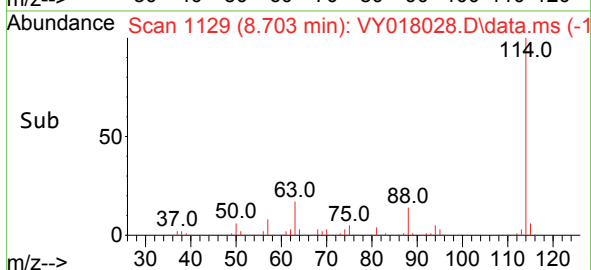
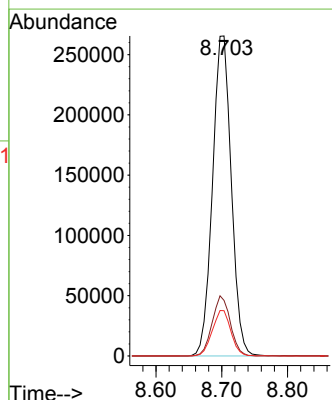
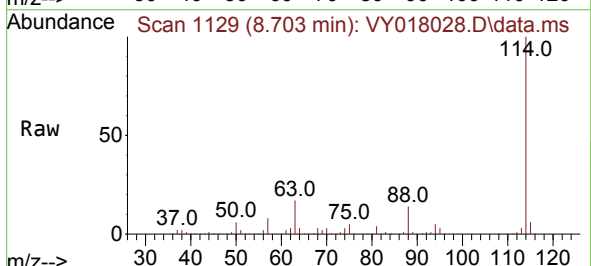
Tgt Ion: 114 Resp: 526785

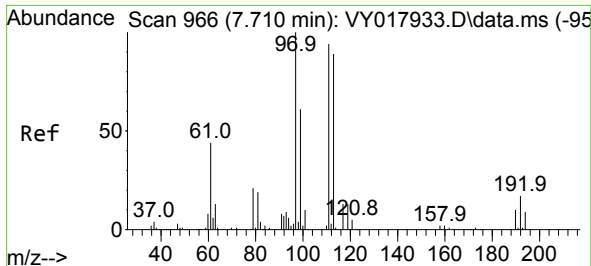
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.2 0.0 27.2

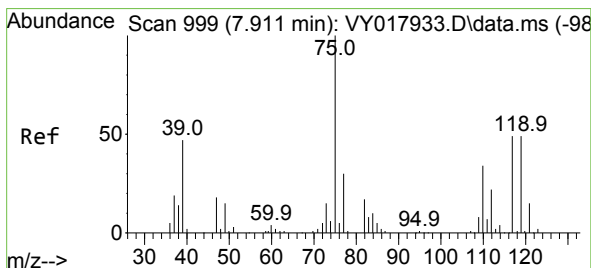
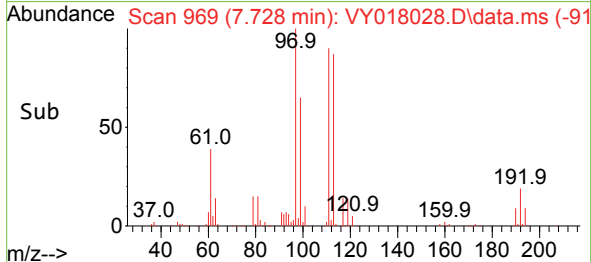
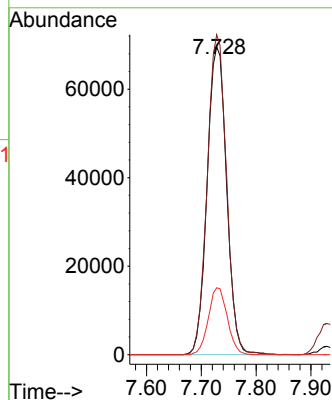
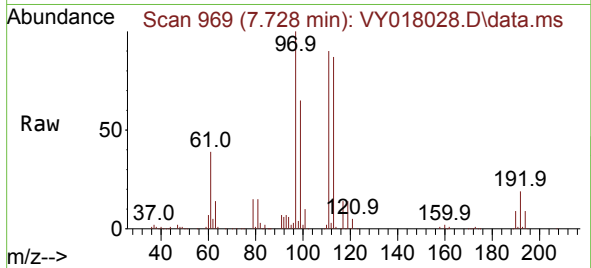




#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

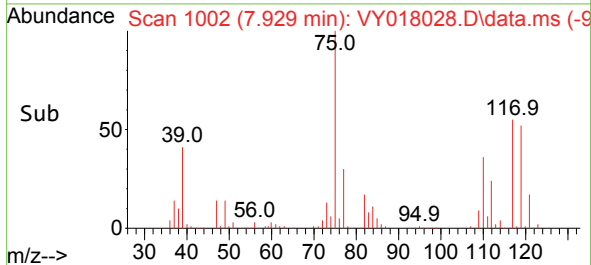
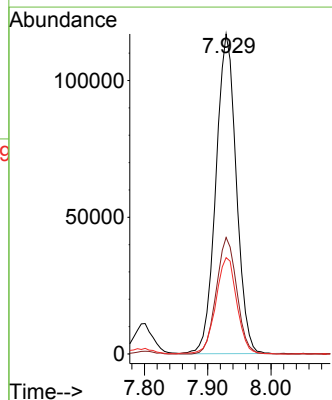
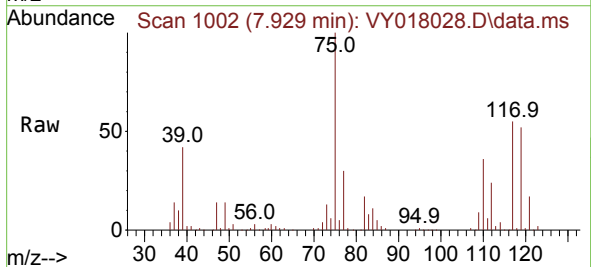
Instrument :
MSVOA_Y
ClientSampleId :

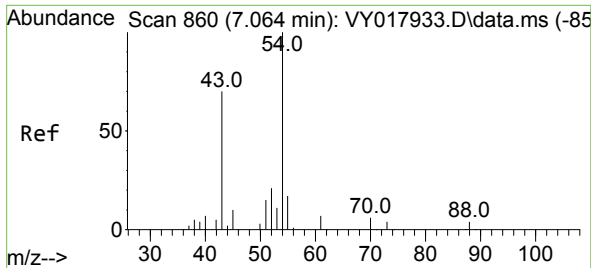
Tgt Ion:113 Resp: 171627
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 55.257 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 75 Resp: 261167
Ion Ratio Lower Upper
75 100
110 36.5 19.0 57.0
77 31.2 25.3 37.9

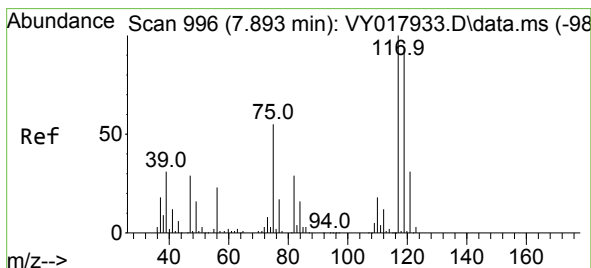
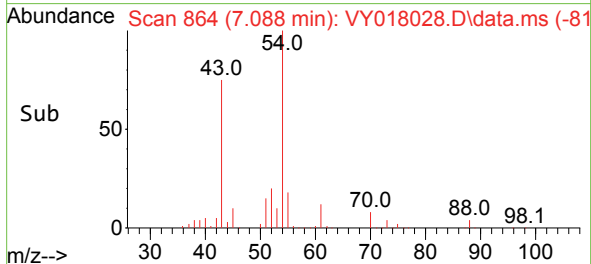
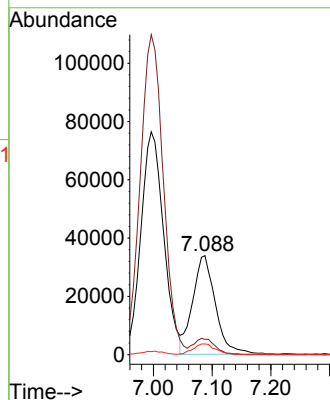
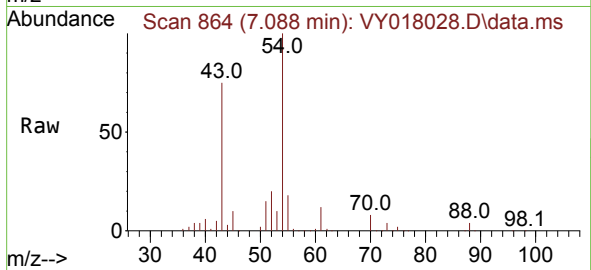




#37
Ethyl Acetate
Concen: 46.985 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

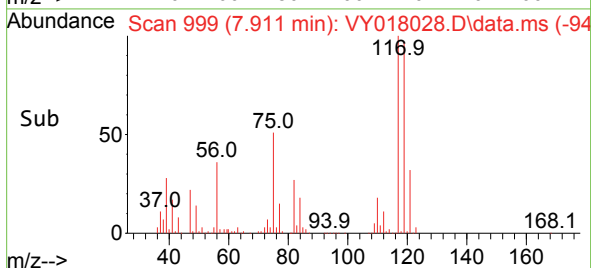
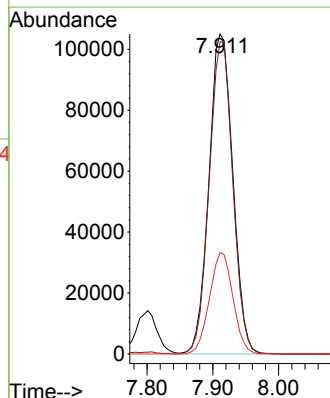
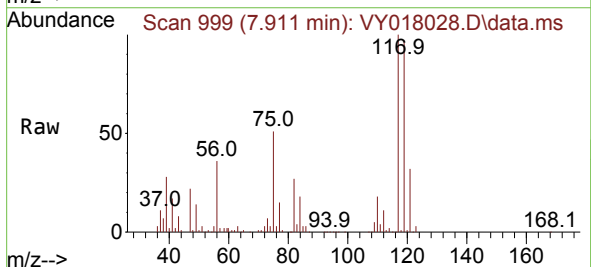
Instrument :
MSVOA_Y
ClientSampleId :

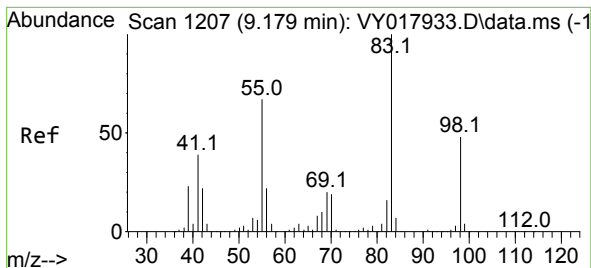
Tgt Ion: 43 Resp: 91365
Ion Ratio Lower Upper
43 100
61 15.3 12.6 19.0
70 10.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.716 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 117 Resp: 266046
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
121 31.7 24.0 36.0





#39

Methylcyclohexane

Concen: 55.162 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

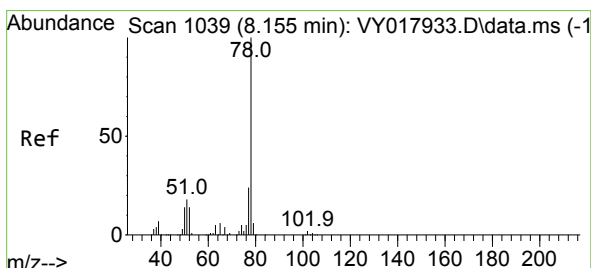
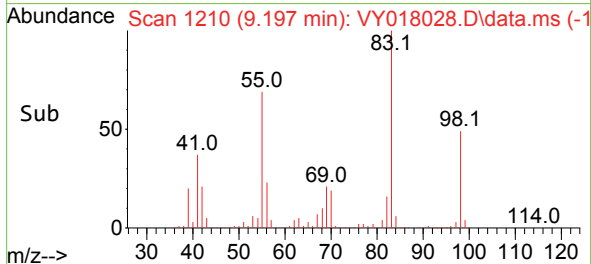
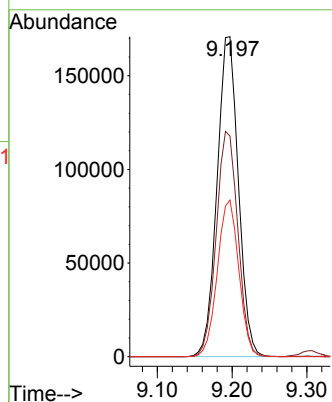
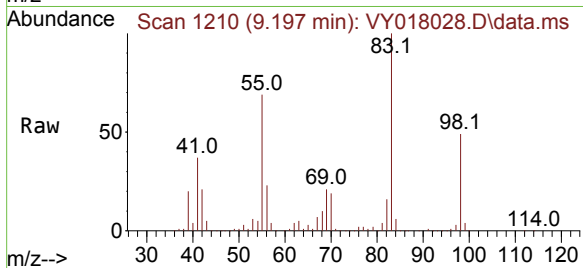
Tgt Ion: 83 Resp: 339756

Ion Ratio Lower Upper

83 100

55 69.0 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 54.912 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY018028.D

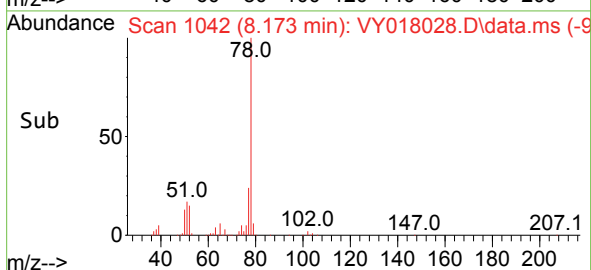
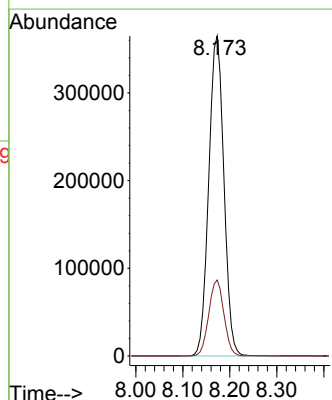
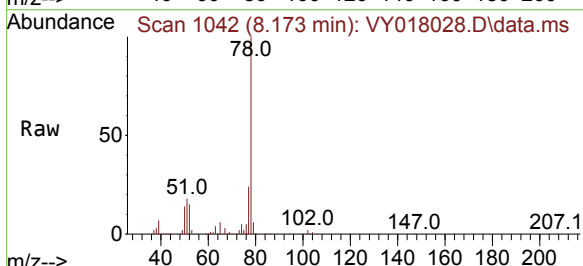
Acq: 24 Apr 2024 09:11

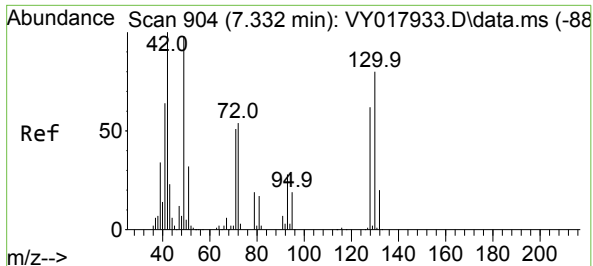
Tgt Ion: 78 Resp: 812943

Ion Ratio Lower Upper

78 100

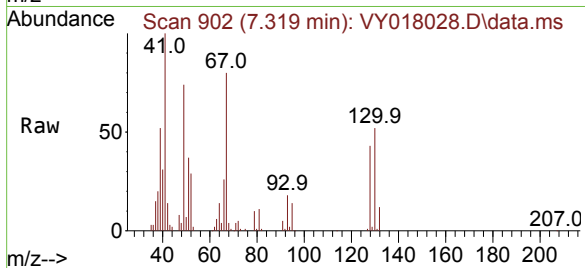
77 23.8 19.5 29.3



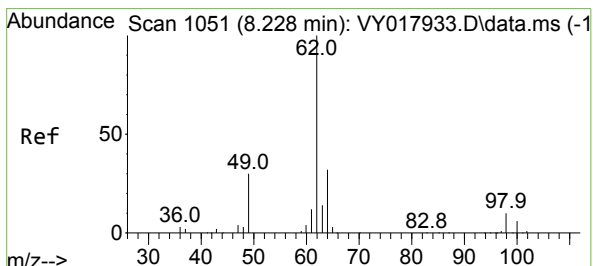
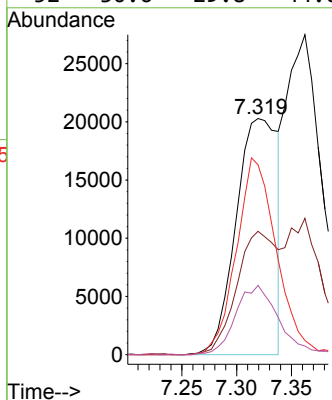
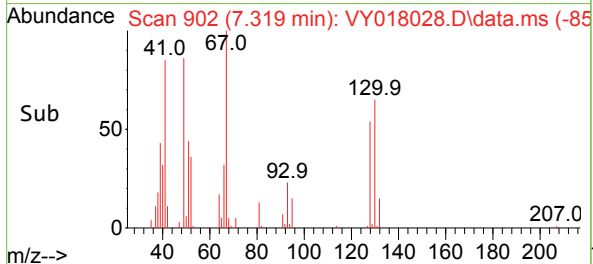


#41
Methacrylonitrile
Concen: 43.572 ug/l
RT: 7.319 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Instrument :
MSVOA_Y
ClientSampleId :

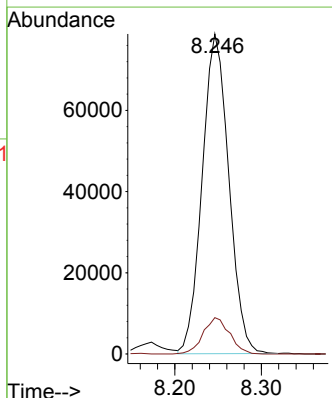
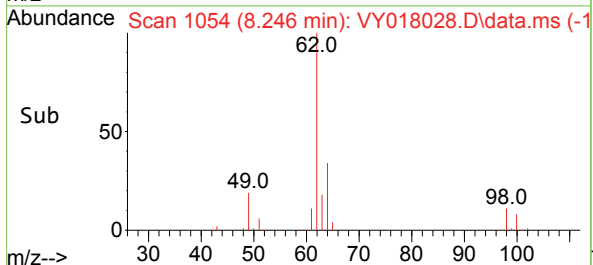
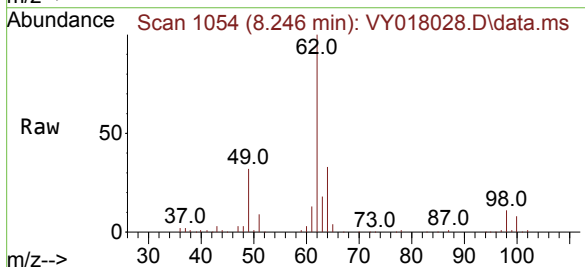


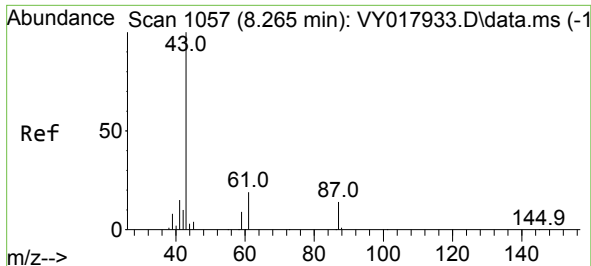
Tgt Ion:	41	Resp:	53463
Ion Ratio	Lower	Upper	
41	100		
39	50.2	48.0	72.0
67	81.0	75.1	112.7
52	30.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 49.634 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

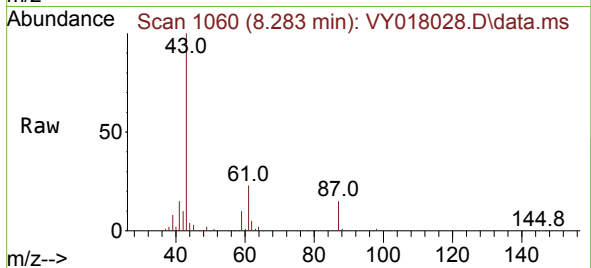
Tgt Ion:	62	Resp:	168368
Ion Ratio	Lower	Upper	
62	100		
98	11.3	0.0	22.0



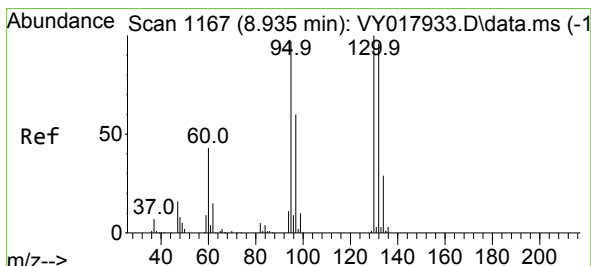
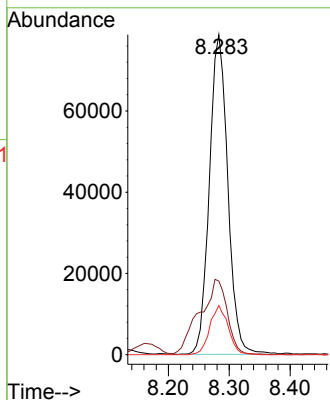
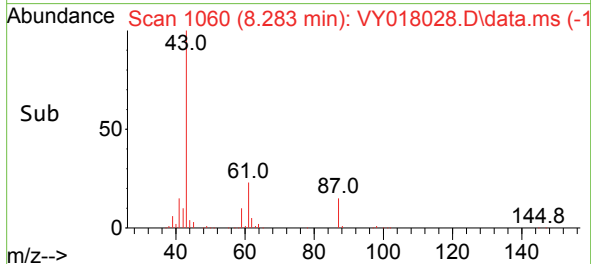


#43
Isopropyl Acetate
Concen: 45.718 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Instrument :
MSVOA_Y
ClientSampleId :

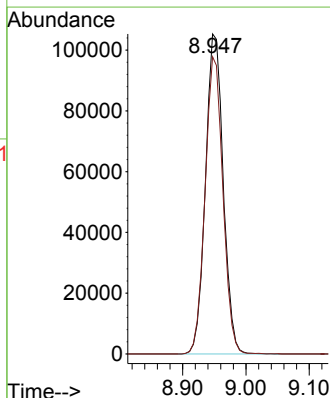
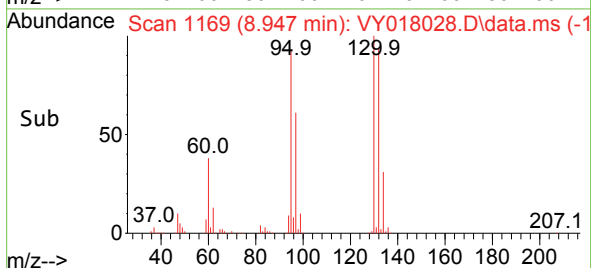
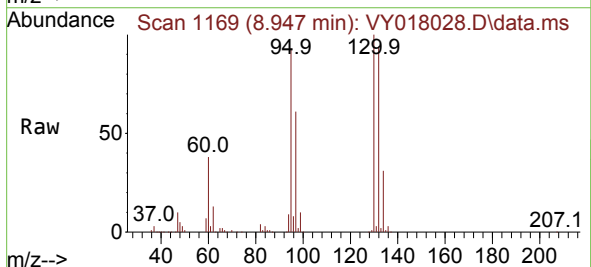


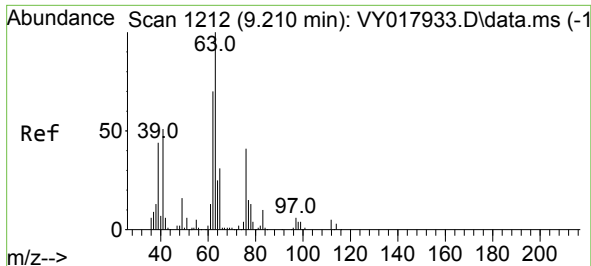
Tgt Ion: 43 Resp: 165716
Ion Ratio Lower Upper
43 100
61 35.2 27.9 41.9
87 15.3 13.1 19.7



#44
Trichloroethene
Concen: 54.708 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion:130 Resp: 205815
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.584 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

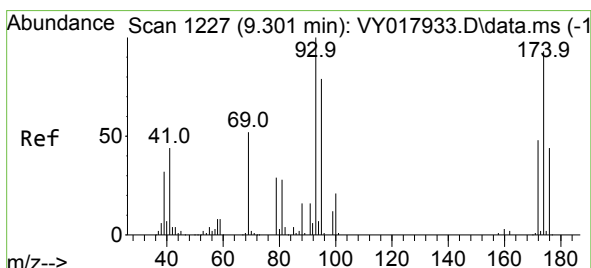
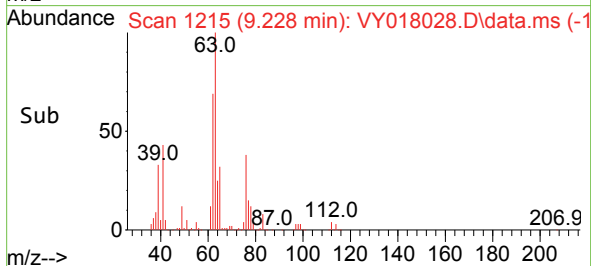
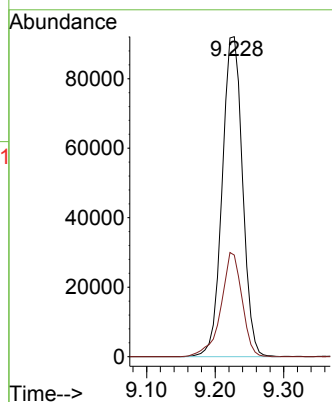
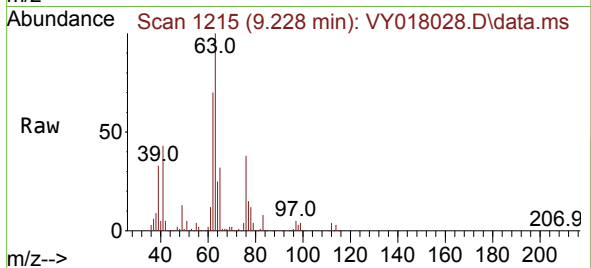
ClientSampleId :

Tgt Ion: 63 Resp: 189425

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 49.382 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

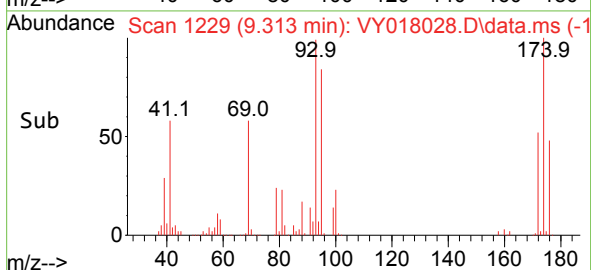
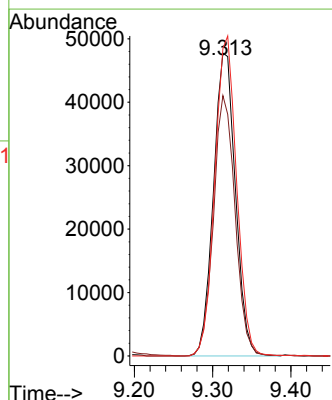
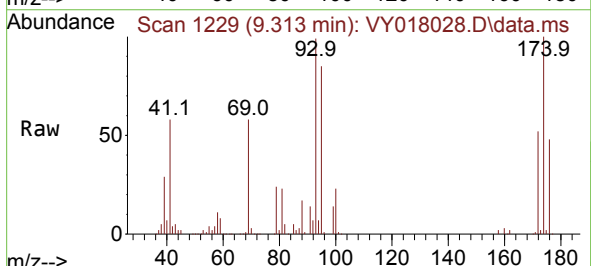
Tgt Ion: 93 Resp: 93088

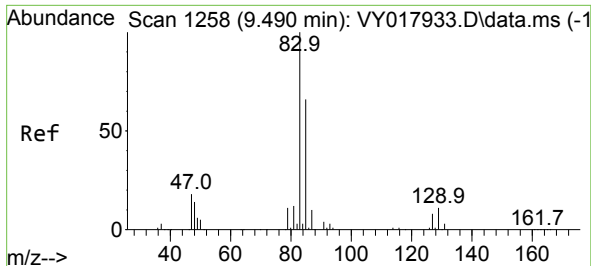
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

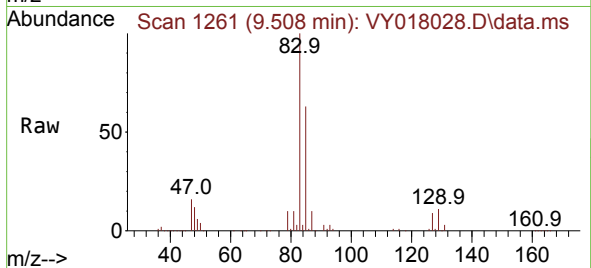
174 104.9 80.9 121.3



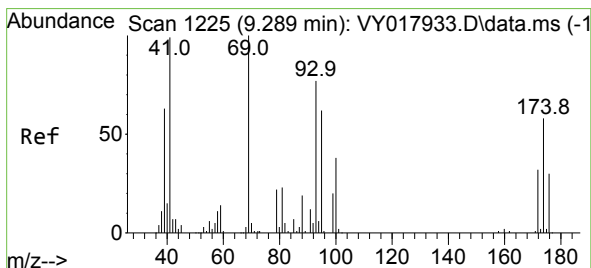
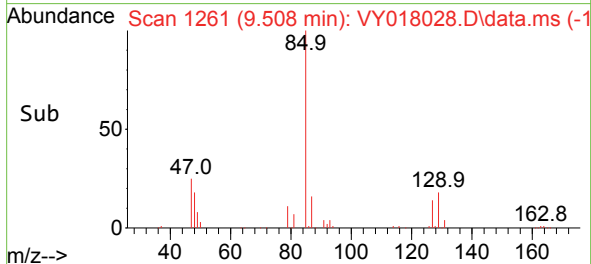
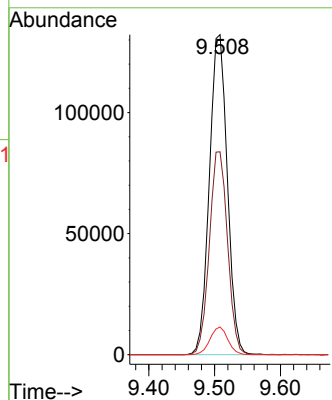


#47
Bromodichloromethane
Concen: 53.119 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.012 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Instrument :
MSVOA_Y
ClientSampleId :

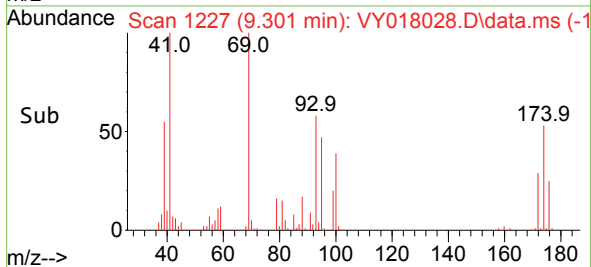
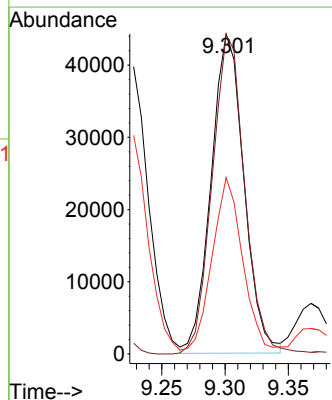
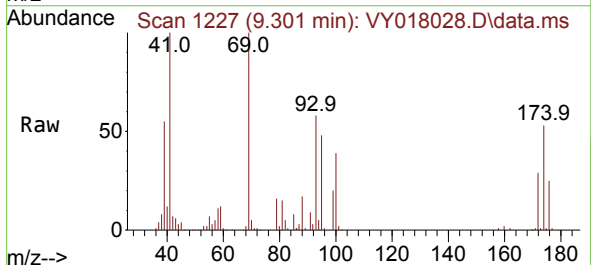


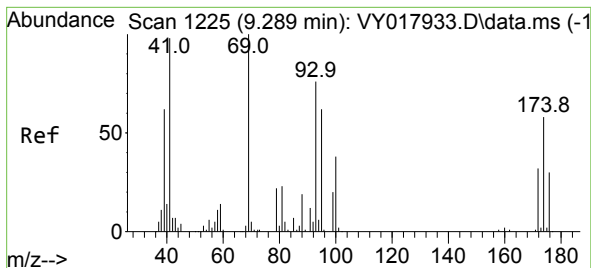
Tgt Ion: 83 Resp: 251214
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 48.062 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 41 Resp: 79830
Ion Ratio Lower Upper
41 100
69 99.7 84.1 126.1
39 49.4 43.6 65.4





#49

1,4-Dioxane

Concen: 903.639 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

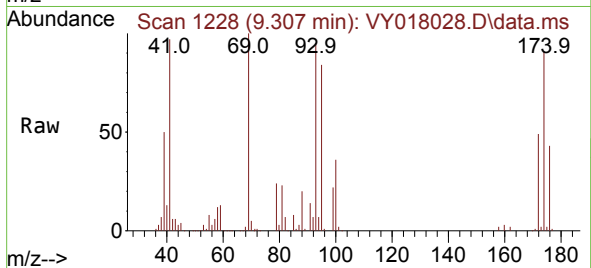
Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :



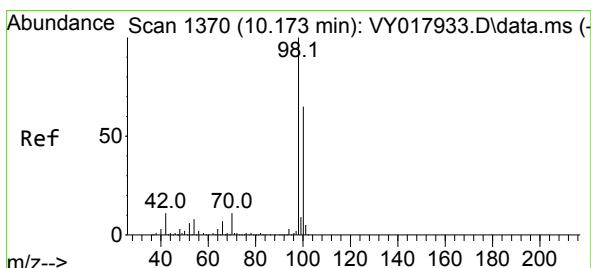
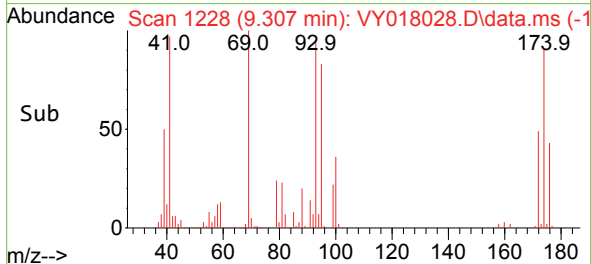
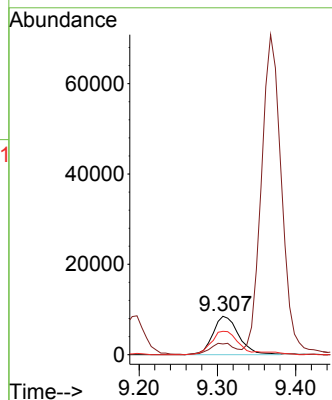
Tgt Ion: 88 Resp: 19446

Ion Ratio Lower Upper

88 100

43 29.5 0.0 0.0#

58 69.1 49.3 73.9



#50

Toluene-d8

Concen: 56.163 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.012 min

Lab File: VY018028.D

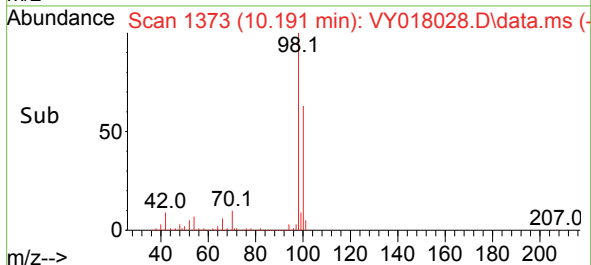
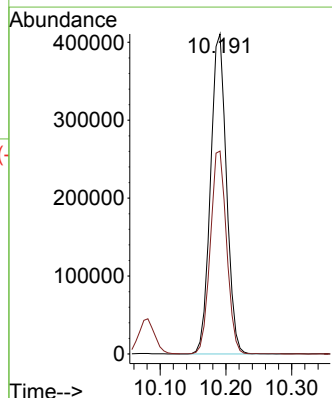
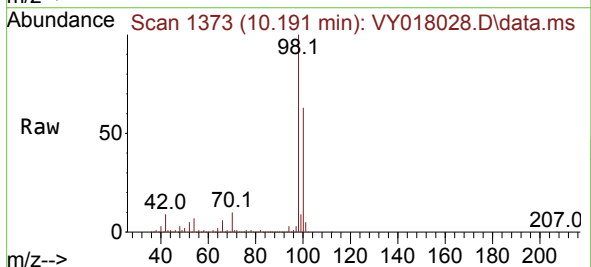
Acq: 24 Apr 2024 09:11

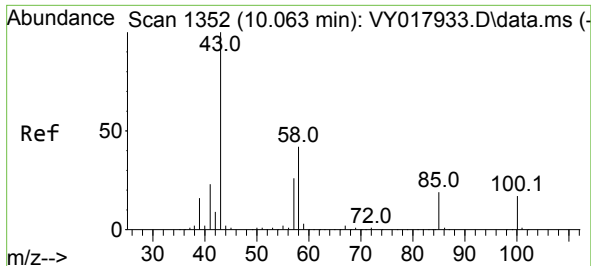
Tgt Ion: 98 Resp: 692599

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 235.360 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

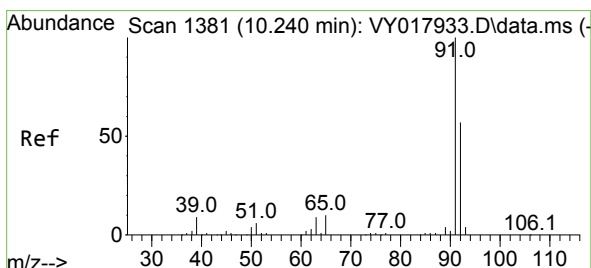
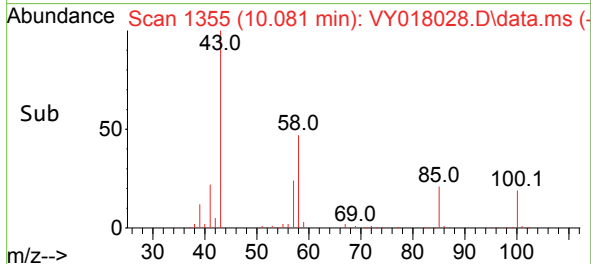
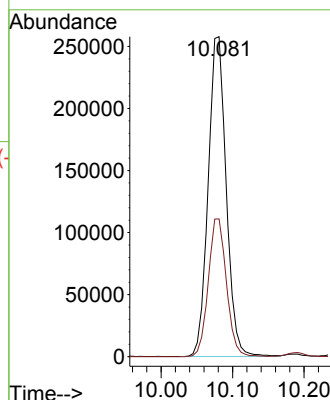
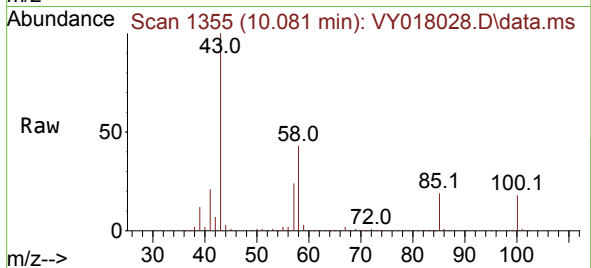
ClientSampleId :

Tgt Ion: 43 Resp: 452262

Ion Ratio Lower Upper

43 100

58 43.4 35.7 53.5



#52

Toluene

Concen: 55.835 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY018028.D

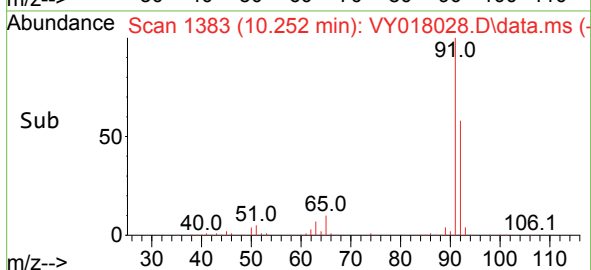
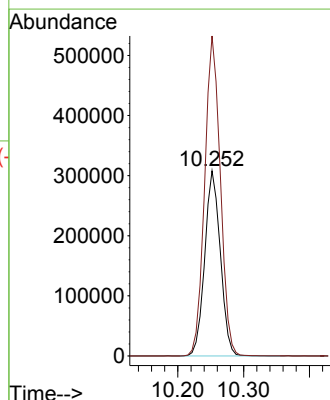
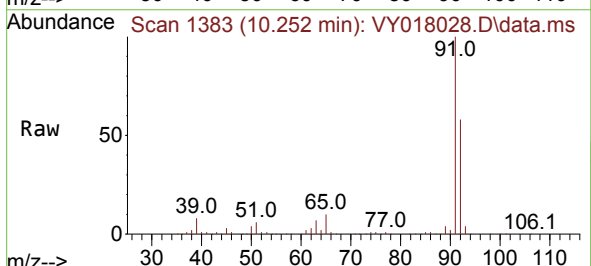
Acq: 24 Apr 2024 09:11

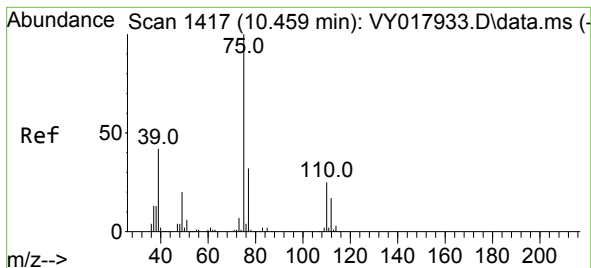
Tgt Ion: 92 Resp: 507240

Ion Ratio Lower Upper

92 100

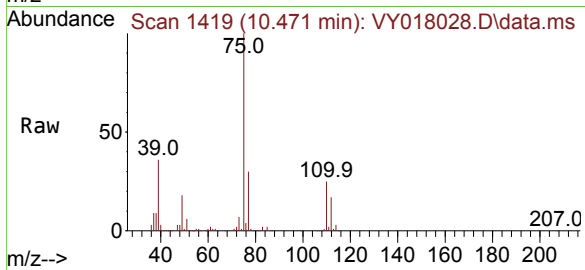
91 174.3 139.0 208.6



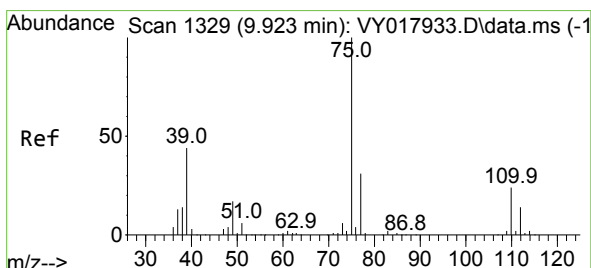
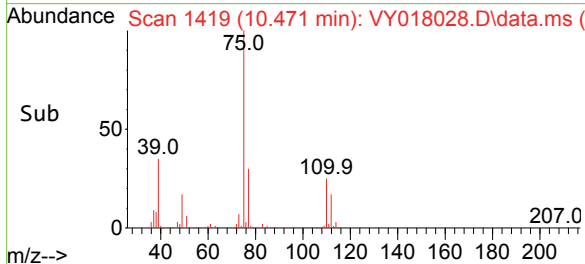
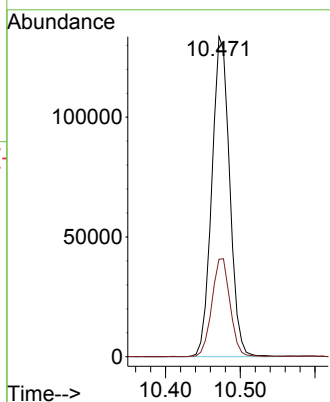


#53
t-1,3-Dichloropropene
Concen: 51.484 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Instrument :
MSVOA_Y
ClientSampleId :

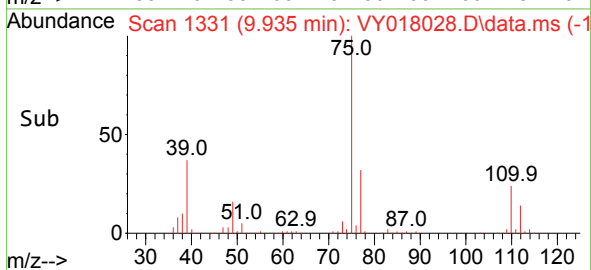
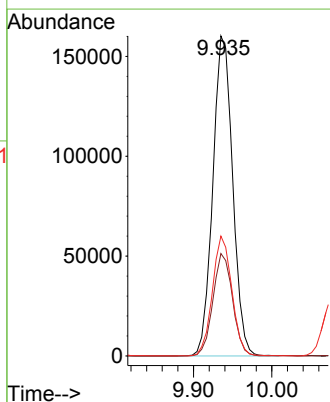
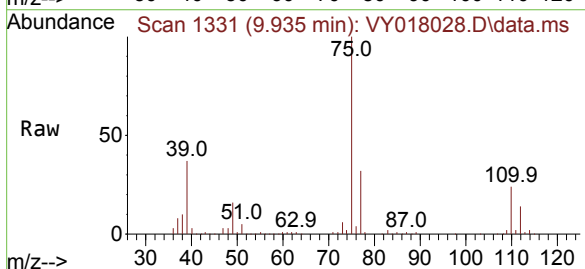


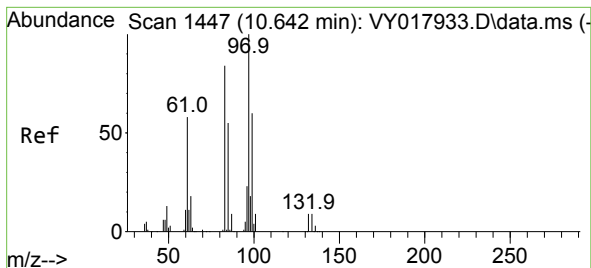
Tgt Ion: 75 Resp: 222283
Ion Ratio Lower Upper
75 100
77 30.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 53.197 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 75 Resp: 282153
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 37.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 50.196 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

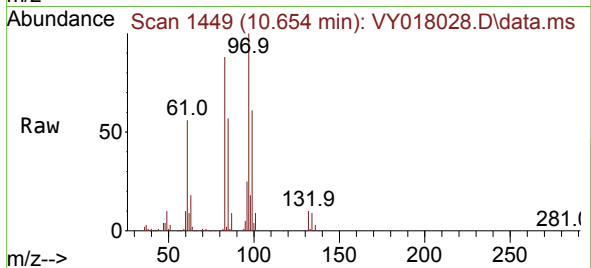
Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 128627

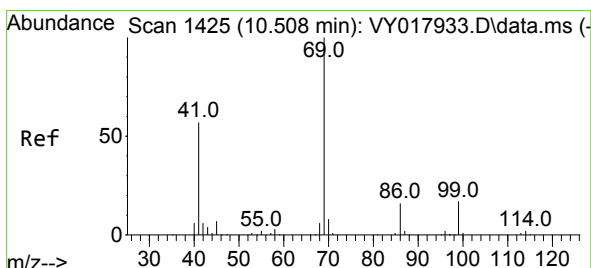
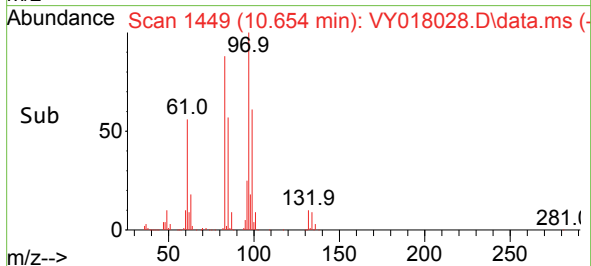
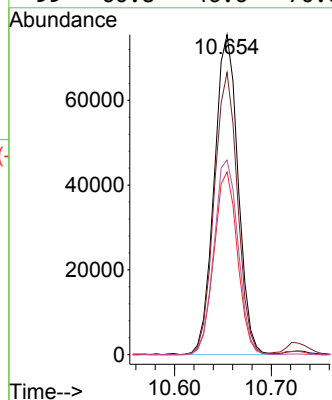
Ion Ratio Lower Upper

97 100

83 88.3 67.5 101.3

85 57.2 42.9 64.3

99 60.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 48.299 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

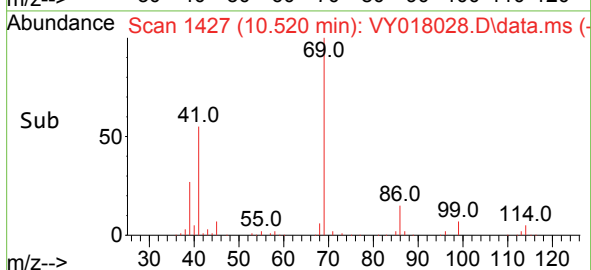
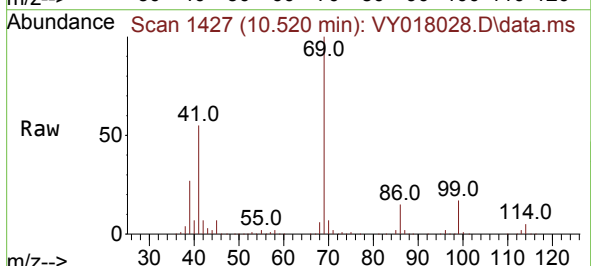
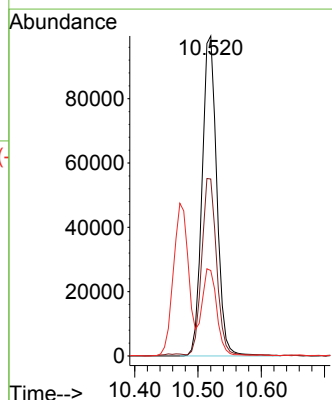
Tgt Ion: 69 Resp: 161350

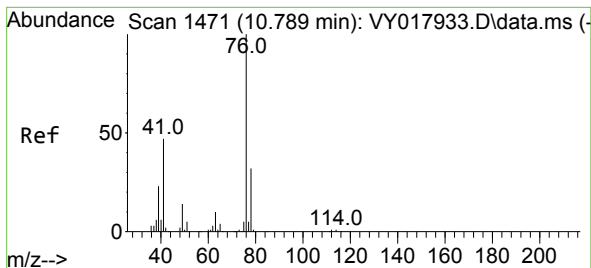
Ion Ratio Lower Upper

69 100

41 55.4 42.3 63.5

39 27.3 22.9 34.3





#57

1,3-Dichloropropane

Concen: 50.968 ug/l

RT: 10.801 min Scan# 1471

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

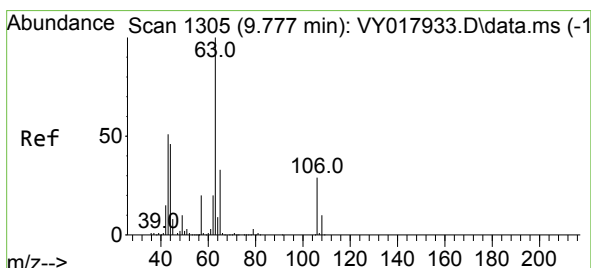
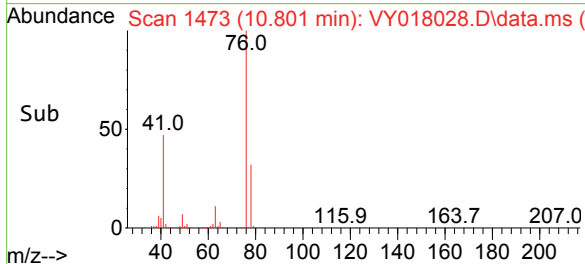
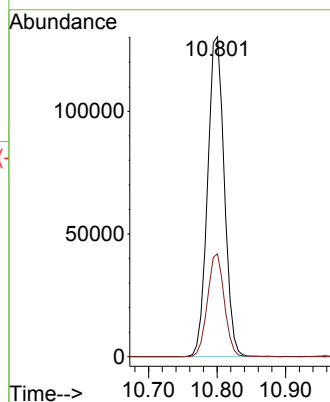
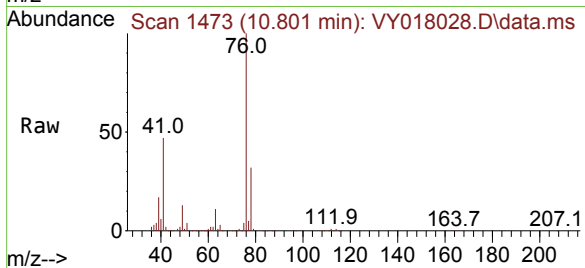
ClientSampleId :

Tgt Ion: 76 Resp: 221153

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 231.967 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY018028.D

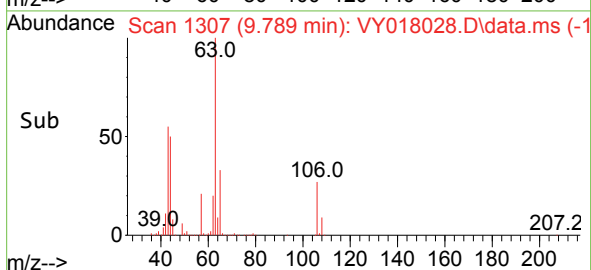
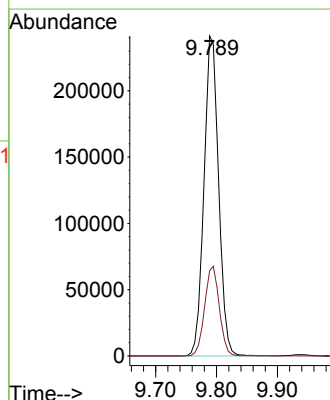
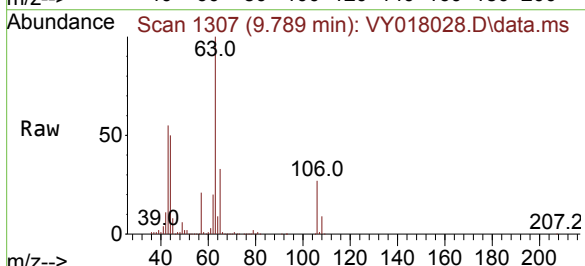
Acq: 24 Apr 2024 09:11

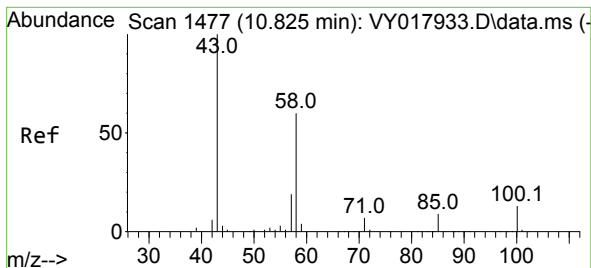
Tgt Ion: 63 Resp: 402809

Ion Ratio Lower Upper

63 100

106 28.1 23.7 35.5

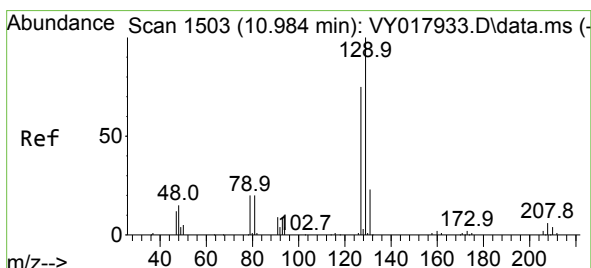
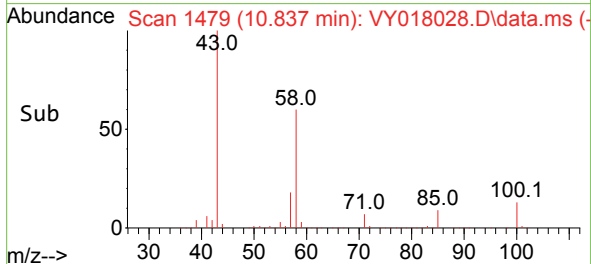
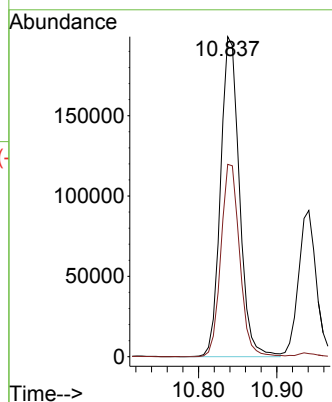
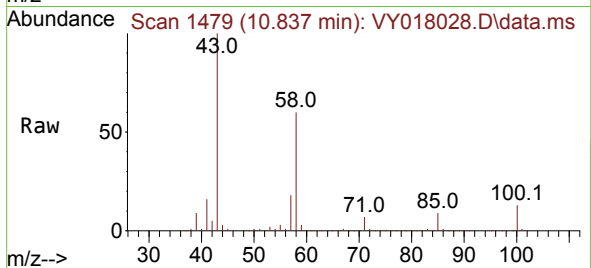




#59
2-Hexanone
Concen: 254.036 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

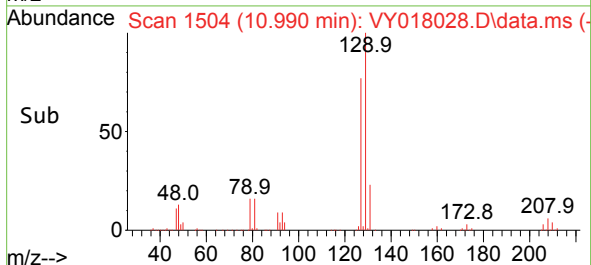
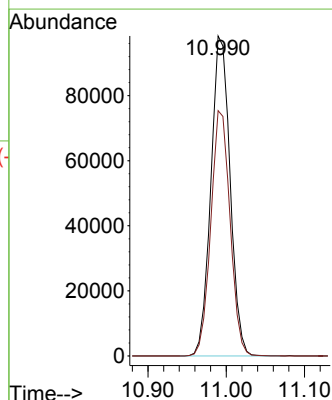
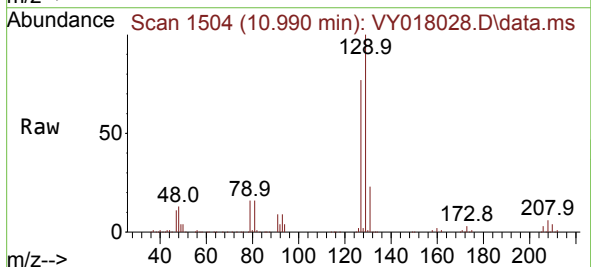
Instrument :
MSVOA_Y
ClientSampleId :

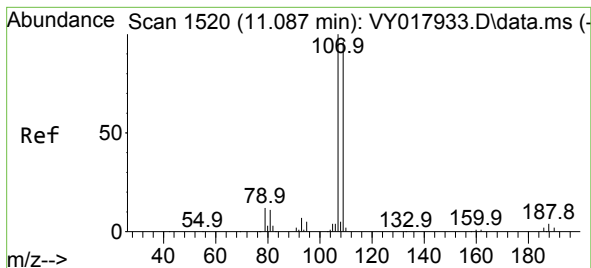
Tgt Ion: 43 Resp: 333225
Ion Ratio Lower Upper
43 100
58 60.0 31.4 94.0



#60
Dibromochloromethane
Concen: 50.788 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 129 Resp: 167260
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 48.441 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

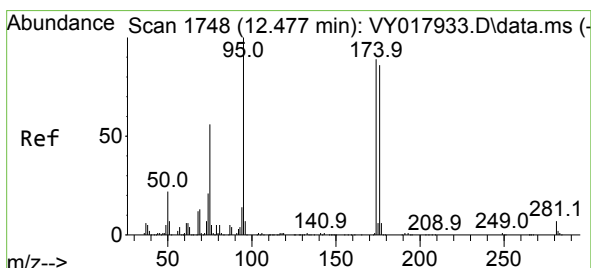
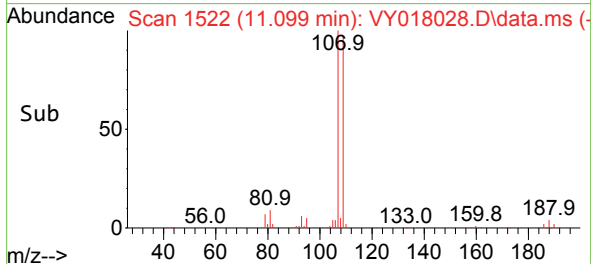
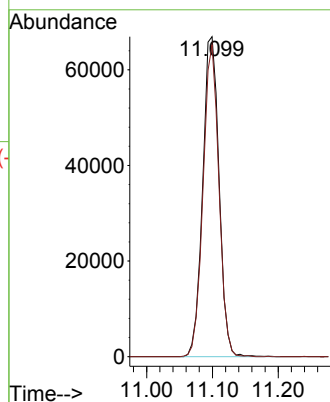
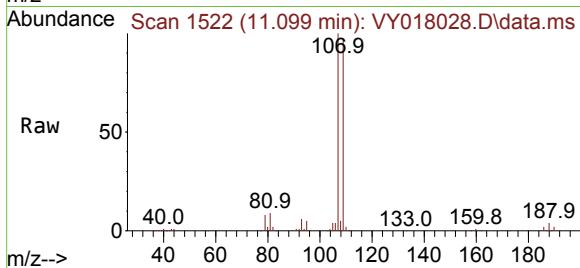
ClientSampleId :

Tgt Ion:107 Resp: 115683

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.816 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

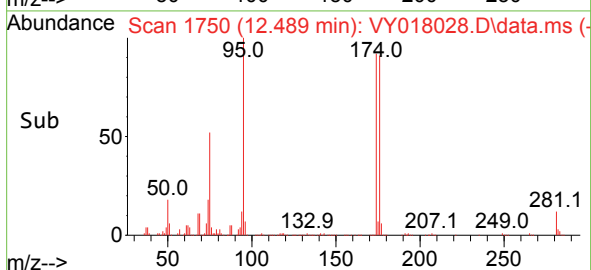
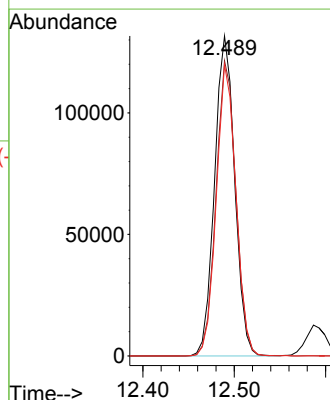
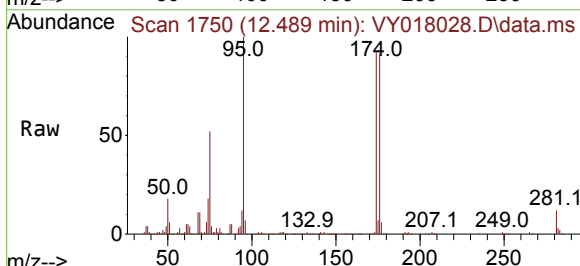
Tgt Ion: 95 Resp: 201718

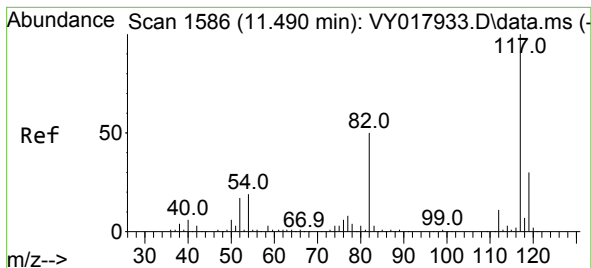
Ion Ratio Lower Upper

95 100

174 91.2 0.0 175.6

176 88.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

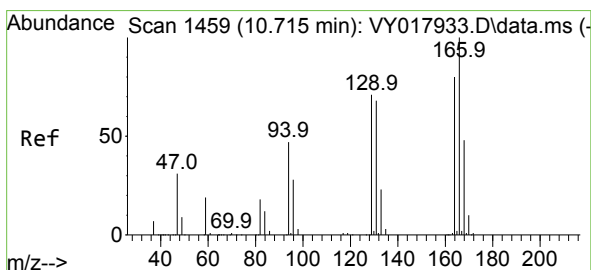
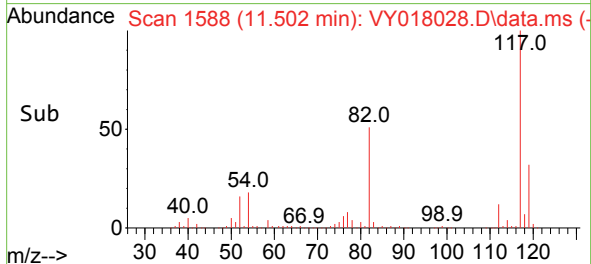
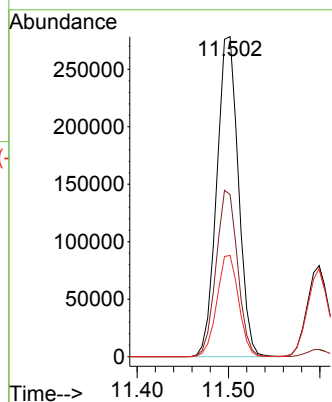
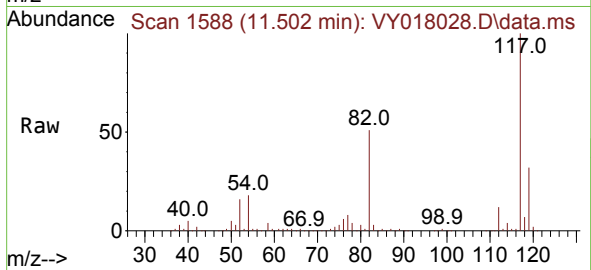
Tgt Ion:117 Resp: 458654

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 54.510 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Tgt Ion:164 Resp: 179097

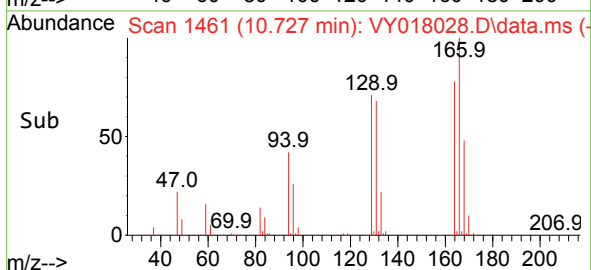
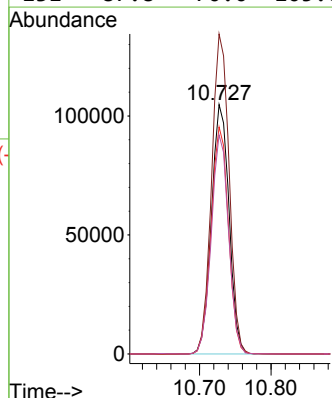
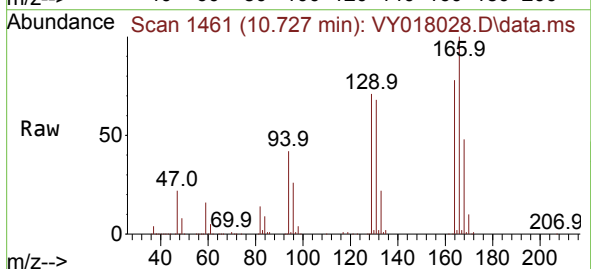
Ion Ratio Lower Upper

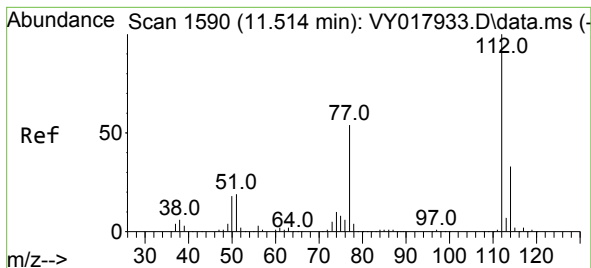
164 100

166 128.3 102.6 154.0

129 91.0 72.0 108.0

131 87.8 70.0 105.0





#65

Chlorobenzene

Concen: 54.412 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

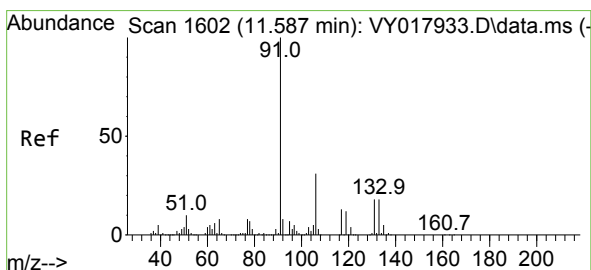
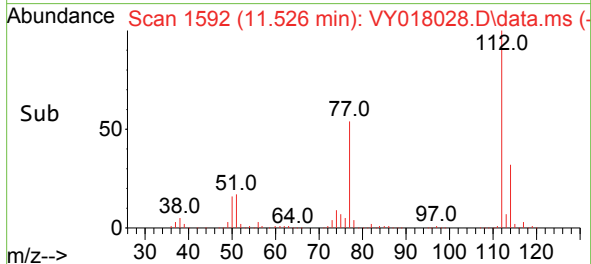
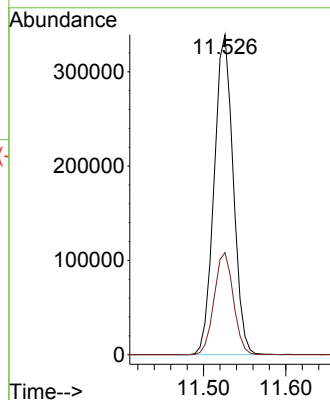
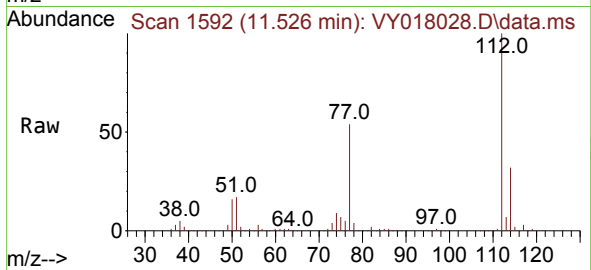
ClientSampleId :

Tgt Ion:112 Resp: 546954

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.577 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

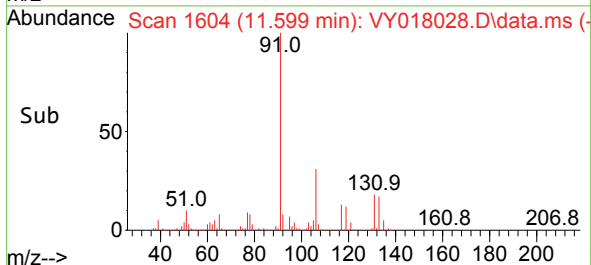
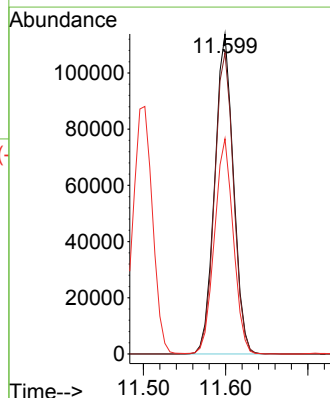
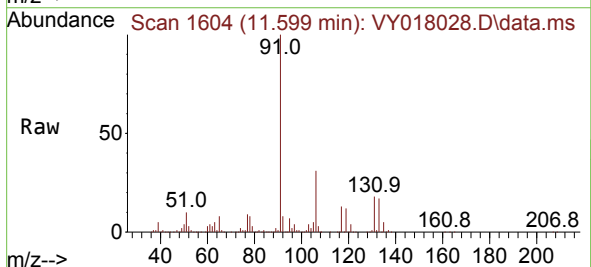
Tgt Ion:131 Resp: 180903

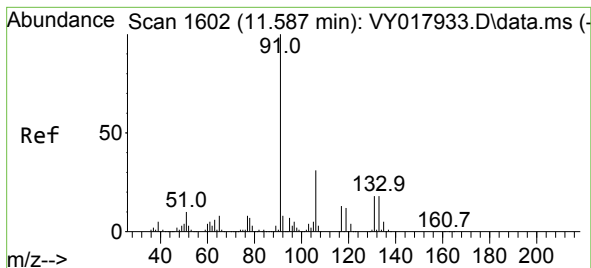
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 57.023 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

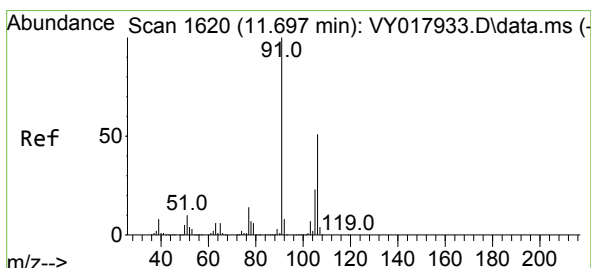
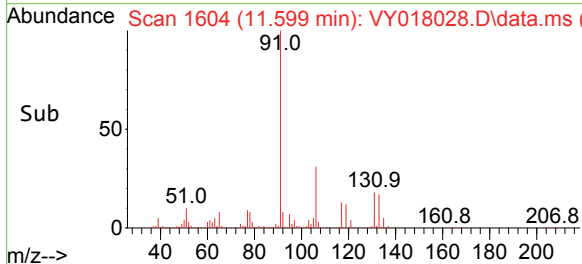
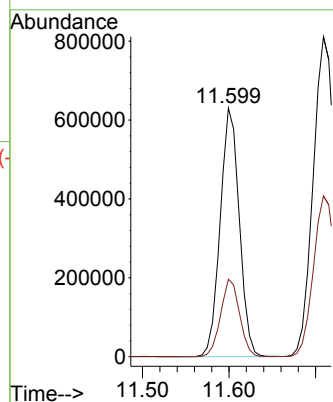
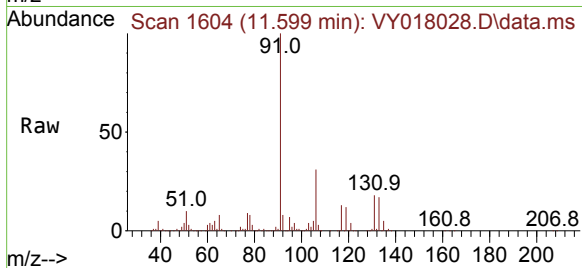
ClientSampleId :

Tgt Ion: 91 Resp: 965149

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 112.970 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY018028.D

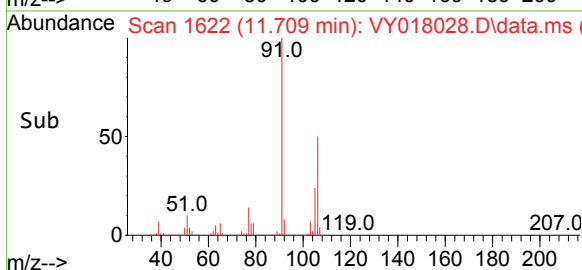
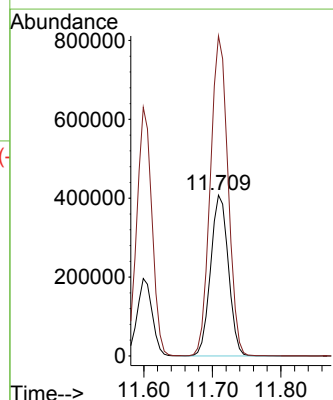
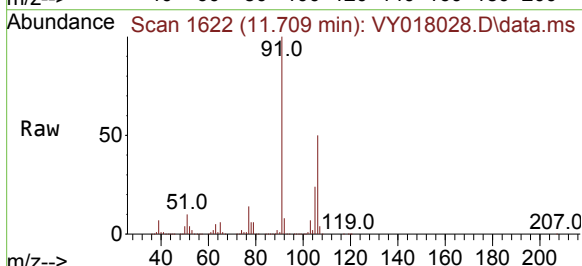
Acq: 24 Apr 2024 09:11

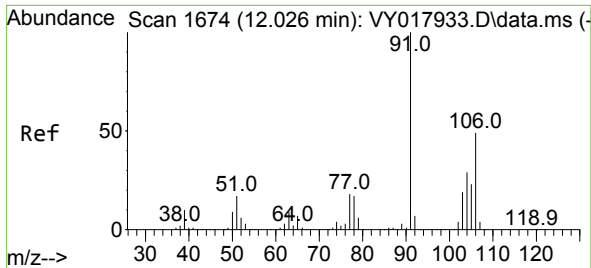
Tgt Ion:106 Resp: 734392

Ion Ratio Lower Upper

106 100

91 198.4 156.0 234.0

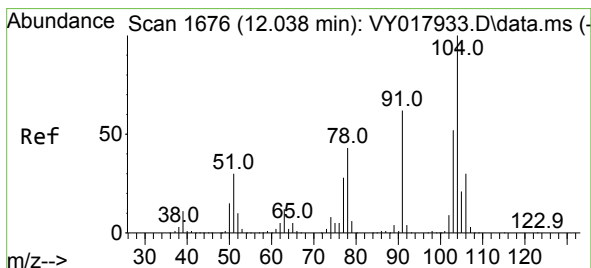
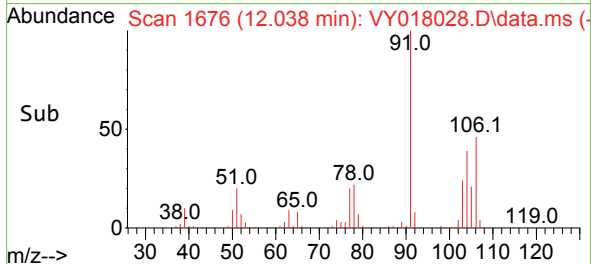
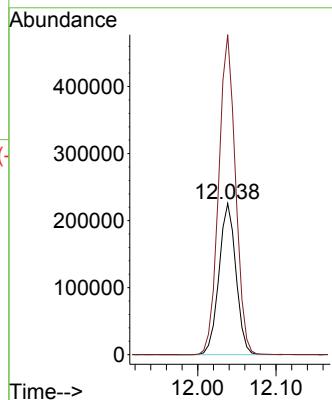
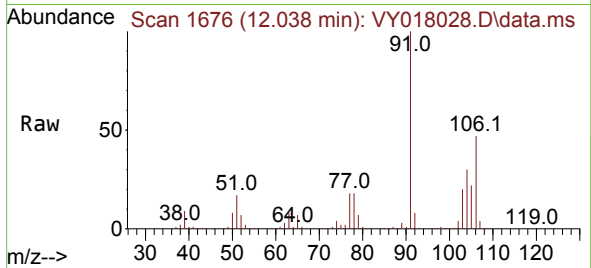




#69
o-Xylene
Concen: 56.020 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

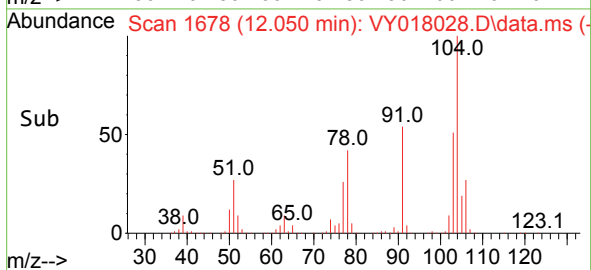
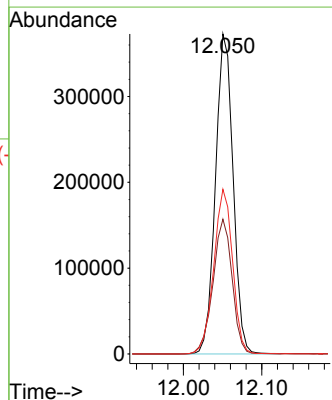
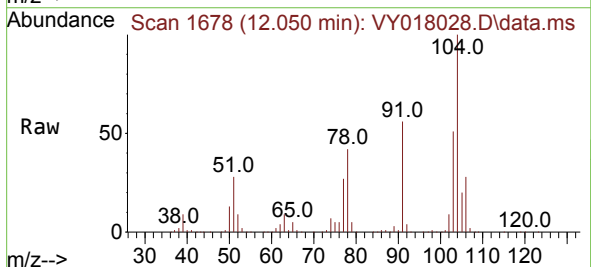
Instrument :
MSVOA_Y
ClientSampleId :

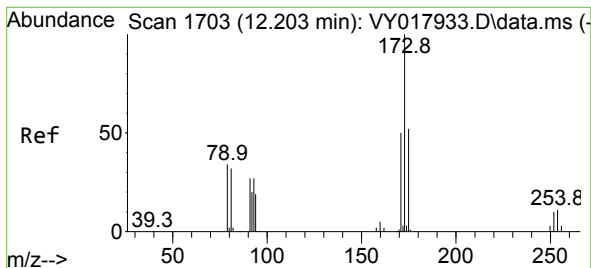
Tgt Ion:106 Resp: 340086
Ion Ratio Lower Upper
106 100
91 209.9 103.6 310.8



#70
Styrene
Concen: 56.833 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion:104 Resp: 583132
Ion Ratio Lower Upper
104 100
78 45.8 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 47.859 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018028.D

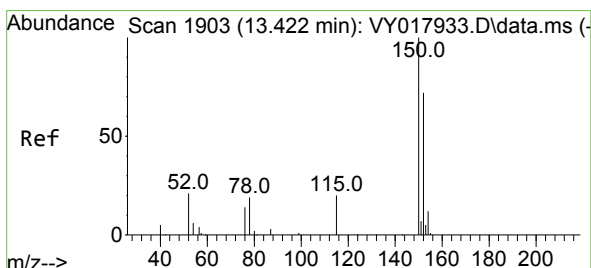
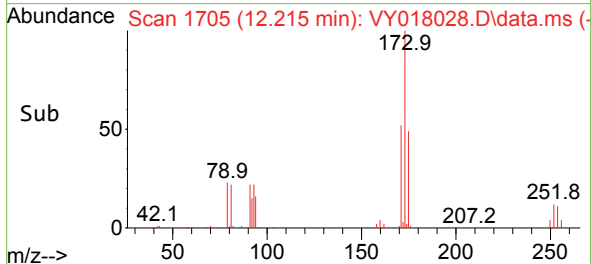
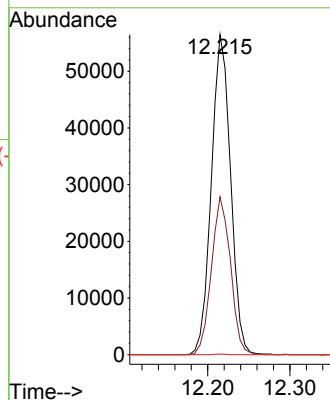
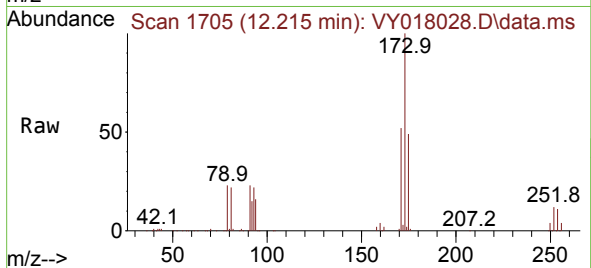
Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	91655
Ion Ratio	Lower	Upper
173	100	
175	48.9	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

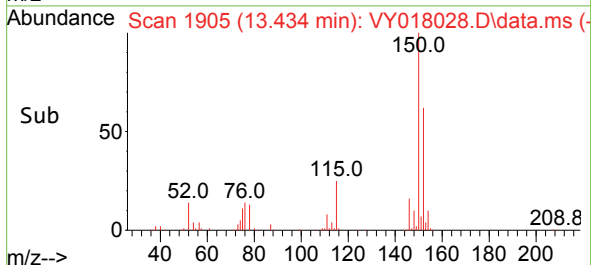
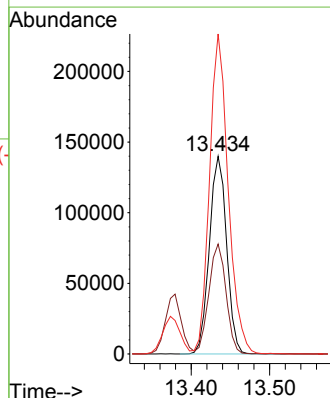
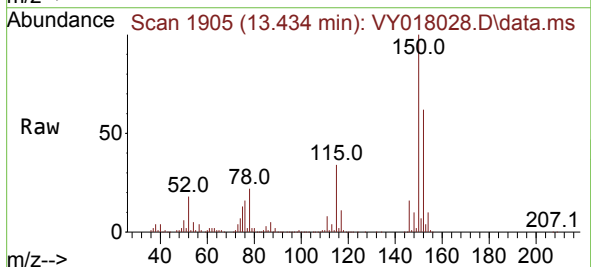
RT: 13.434 min Scan# 1905

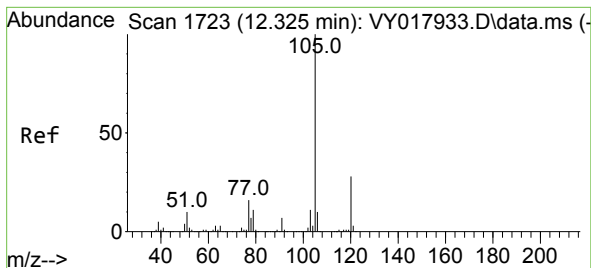
Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Tgt Ion:152	Resp:	214102
Ion Ratio	Lower	Upper
152	100	
115	55.3	28.2 84.7
150	175.5	0.0 345.6





#73

Isopropylbenzene

Concen: 58.295 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

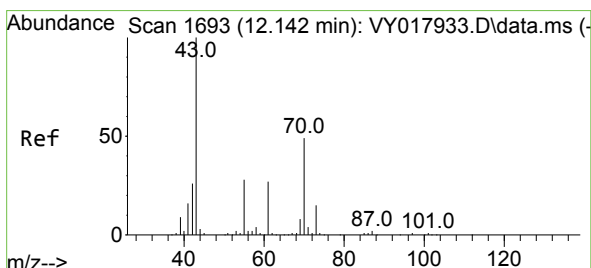
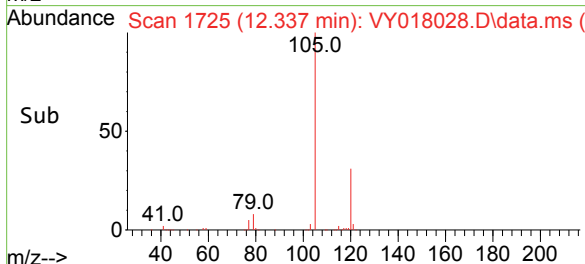
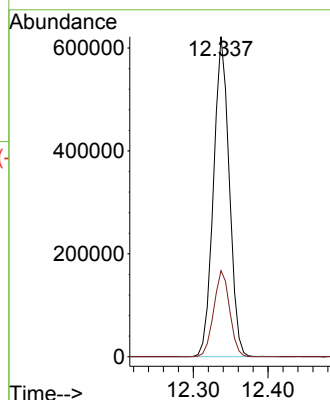
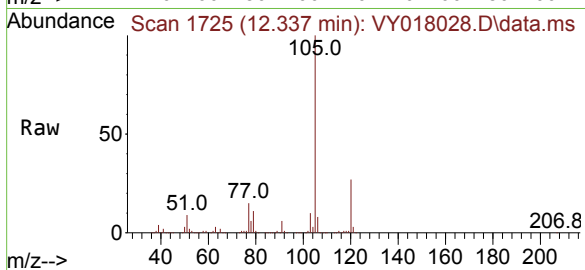
ClientSampleId :

Tgt Ion:105 Resp: 909439

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 47.703 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Tgt Ion: 43 Resp: 150230

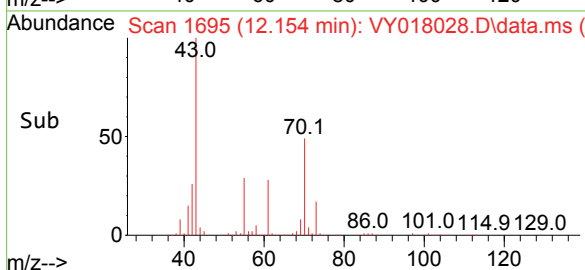
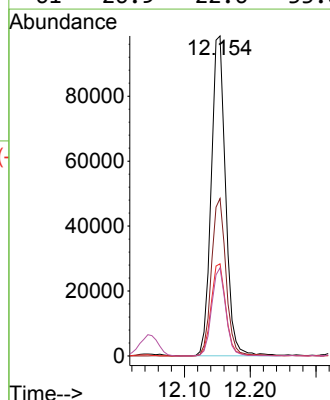
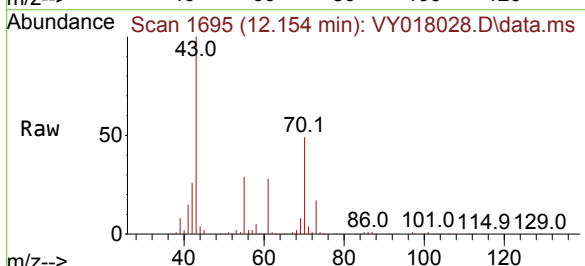
Ion Ratio Lower Upper

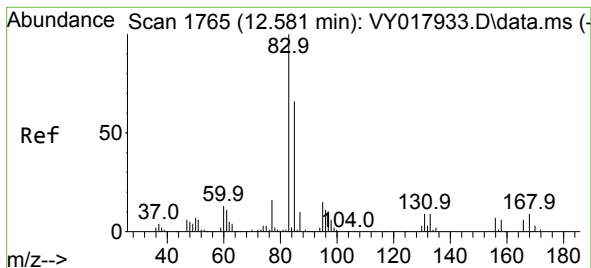
43 100

70 49.7 41.4 62.2

55 29.8 23.3 34.9

61 26.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.777 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

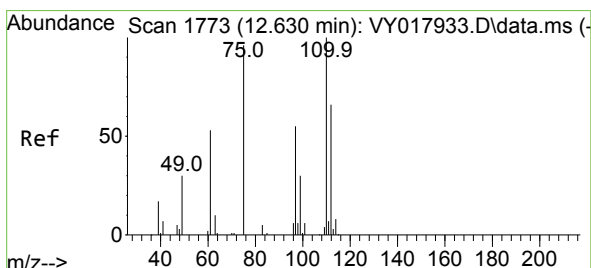
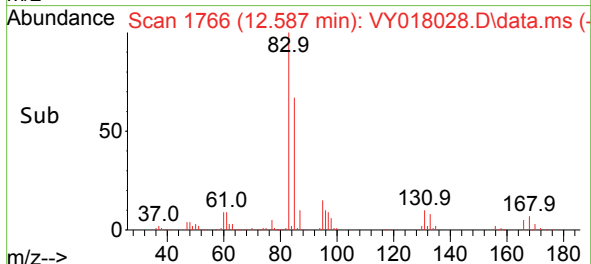
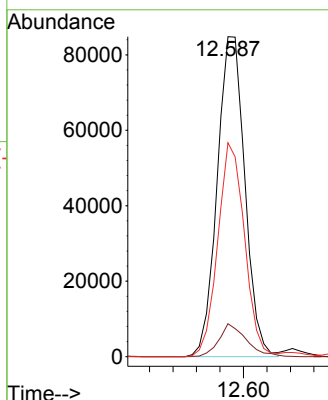
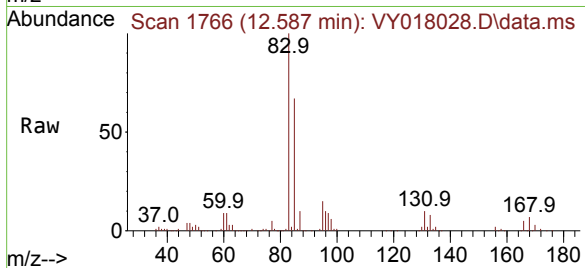
Tgt Ion: 83 Resp: 139013

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.179 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY018028.D

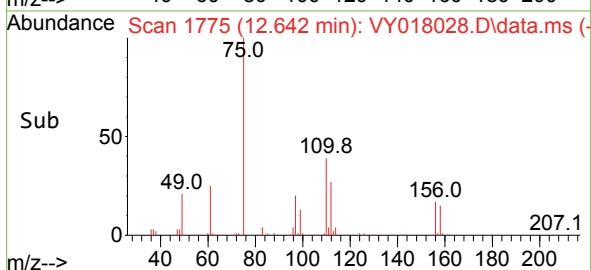
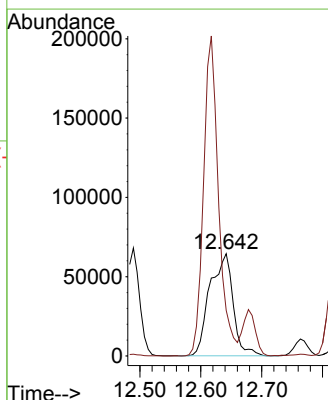
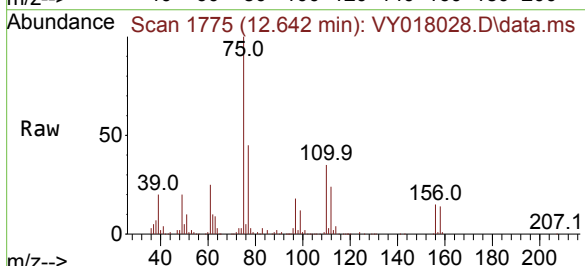
Acq: 24 Apr 2024 09:11

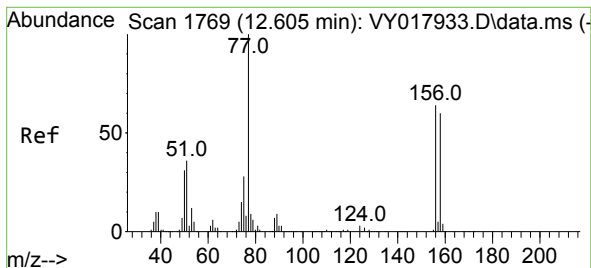
Tgt Ion: 75 Resp: 171134

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.365 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

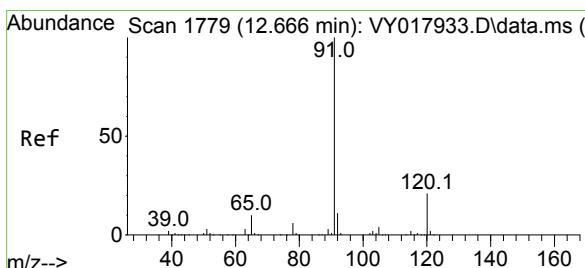
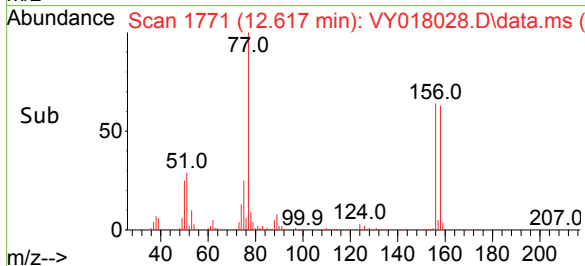
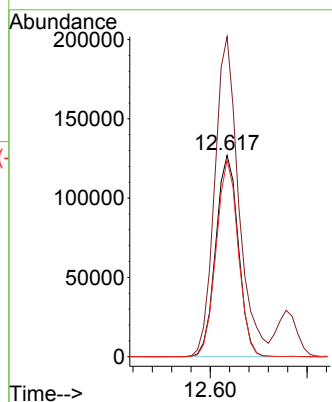
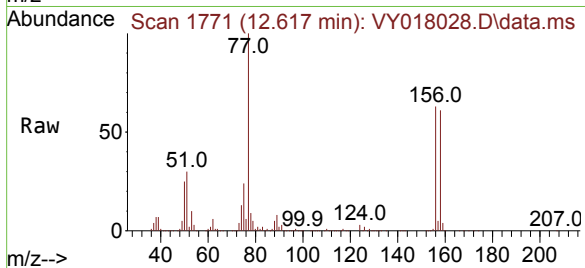
Tgt Ion:156 Resp: 205247

Ion Ratio Lower Upper

156 100

77 169.1 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 59.033 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY018028.D

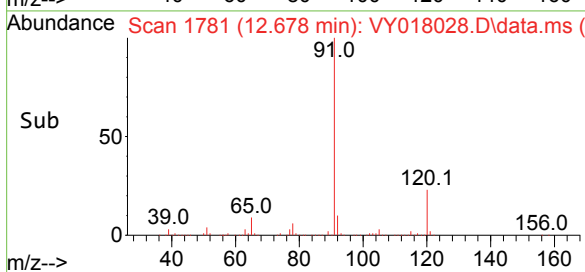
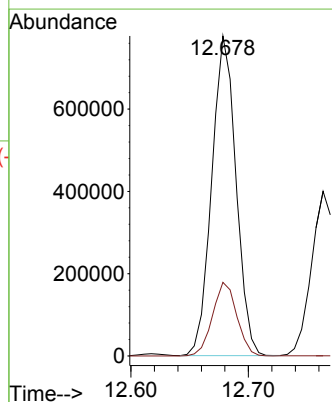
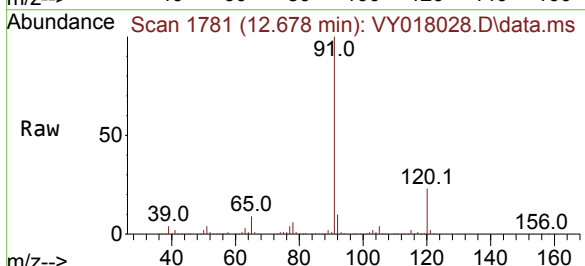
Acq: 24 Apr 2024 09:11

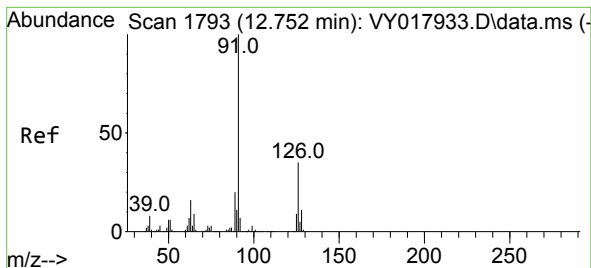
Tgt Ion: 91 Resp: 1117408

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.985 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

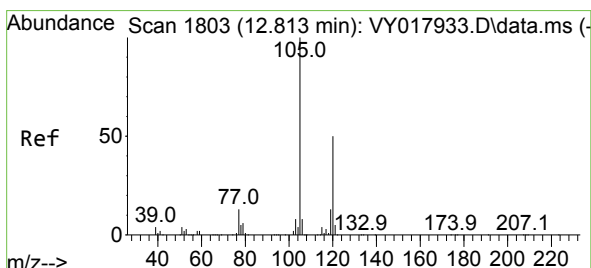
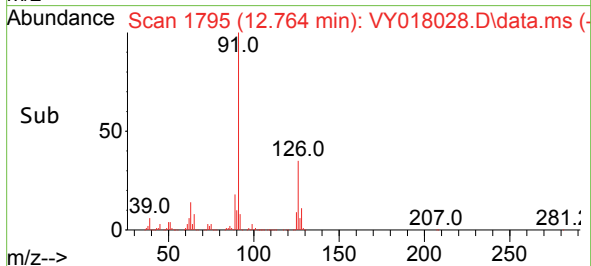
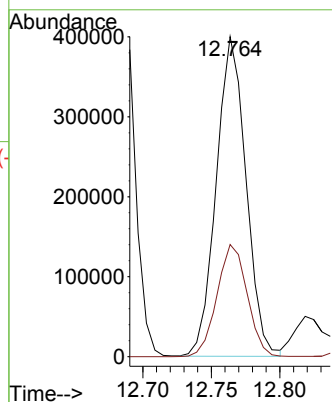
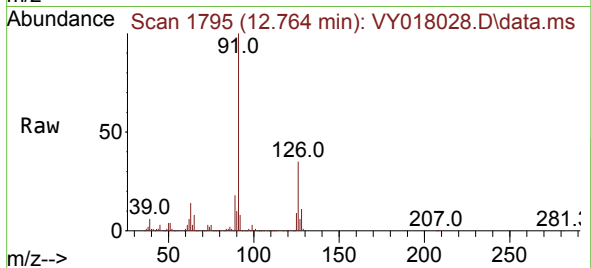
ClientSampleId :

Tgt Ion: 91 Resp: 603745

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 57.738 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY018028.D

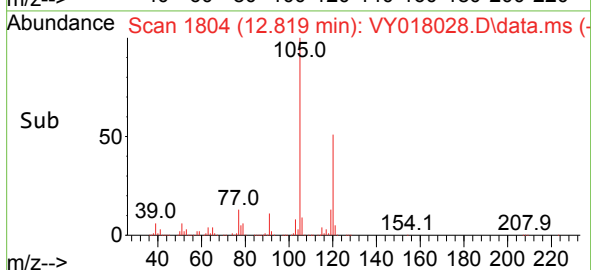
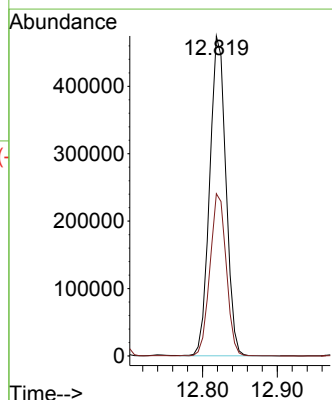
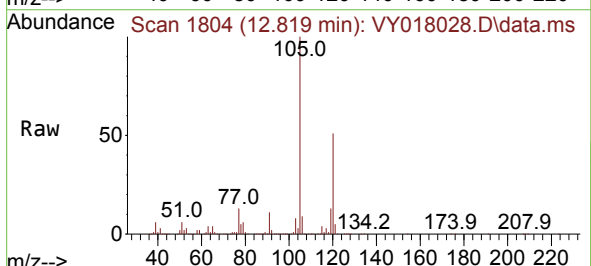
Acq: 24 Apr 2024 09:11

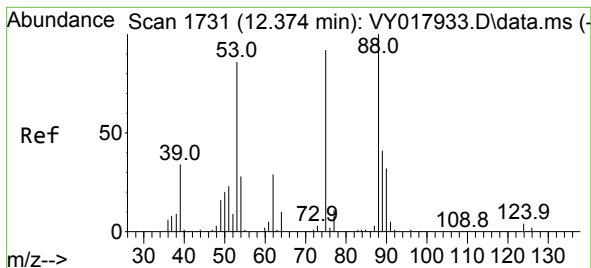
Tgt Ion: 105 Resp: 714247

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.2

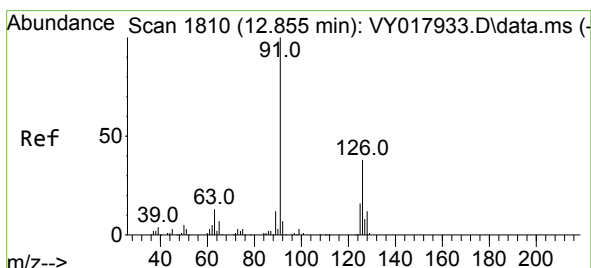
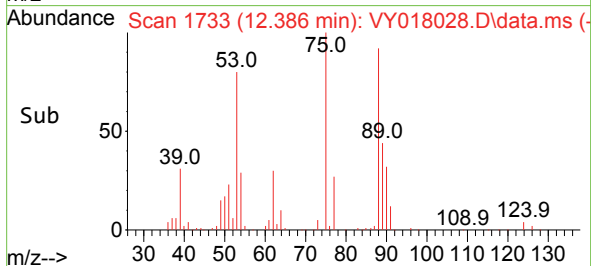
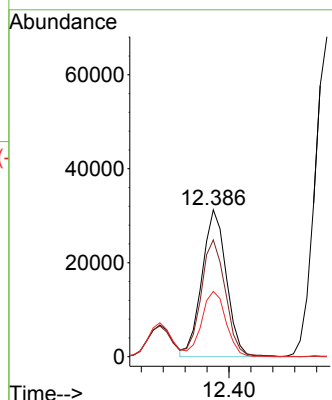
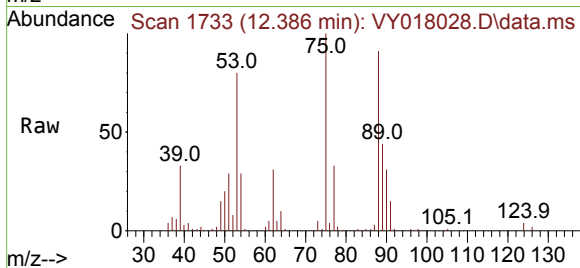




#81
trans-1,4-Dichloro-2-butene
Concen: 49.698 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

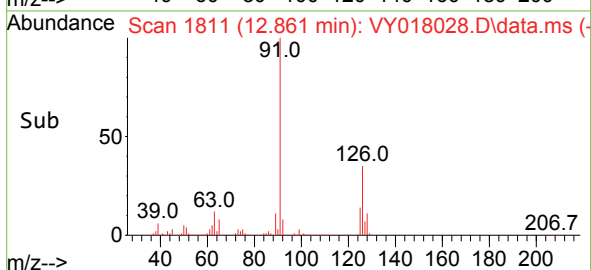
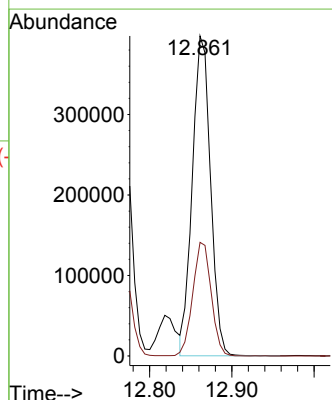
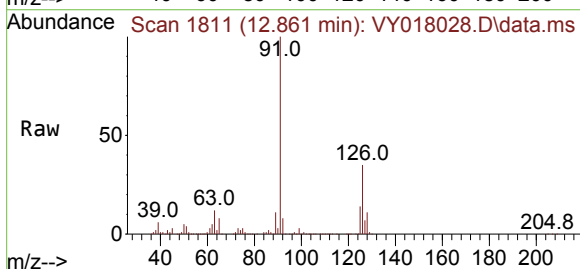
Instrument :
MSVOA_Y
ClientSampleId :

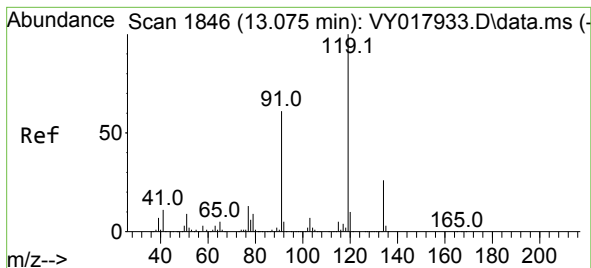
Tgt Ion: 75 Resp: 48427
Ion Ratio Lower Upper
75 100
53 79.6 66.8 100.2
89 43.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.637 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018028.D
Acq: 24 Apr 2024 09:11

Tgt Ion: 91 Resp: 610493
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 57.512 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

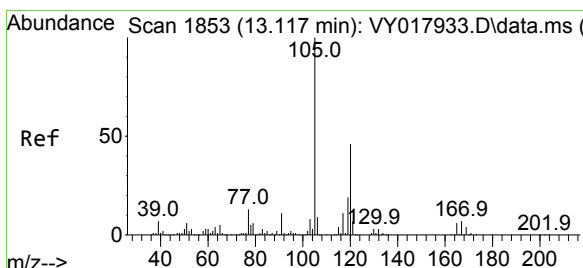
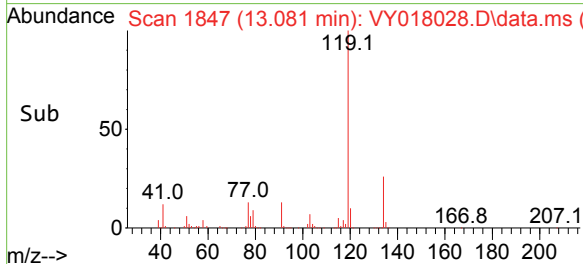
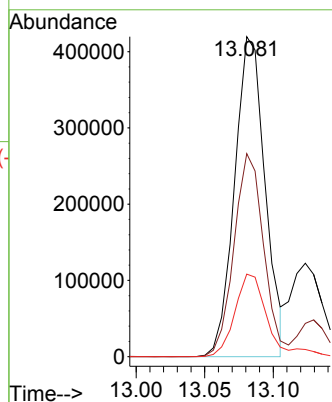
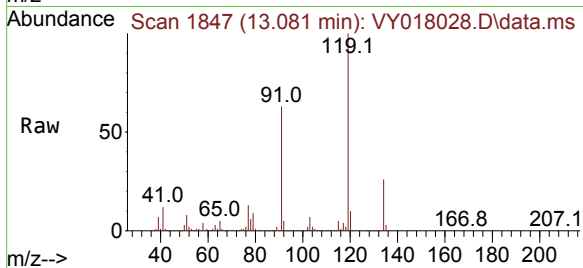
Tgt Ion:119 Resp: 649794

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.726 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY018028.D

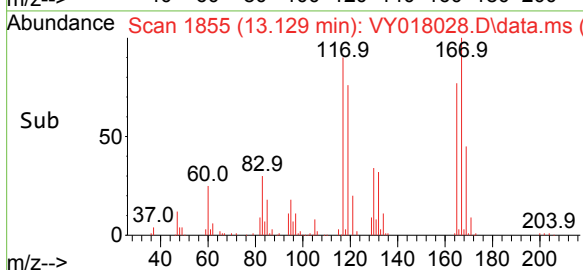
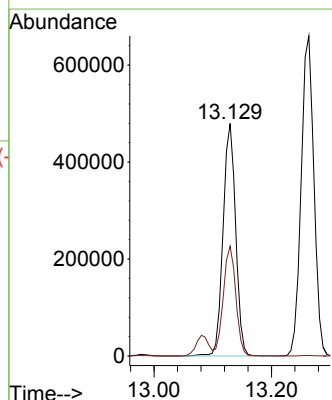
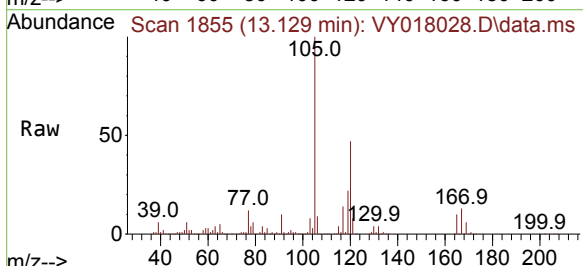
Acq: 24 Apr 2024 09:11

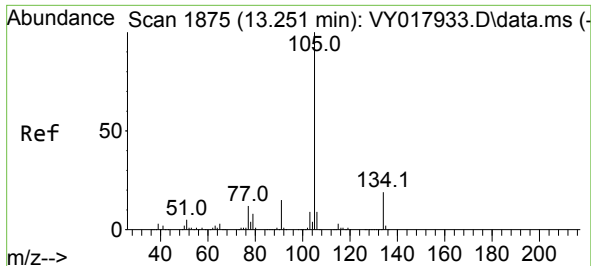
Tgt Ion:105 Resp: 711139

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6

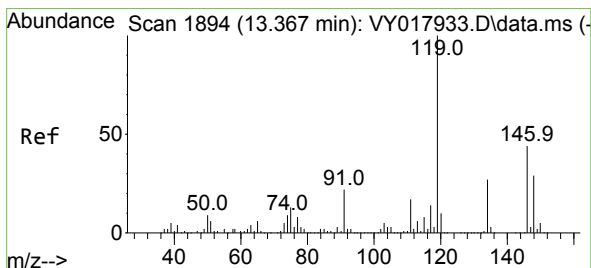
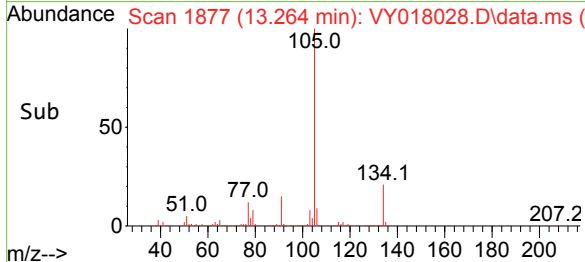
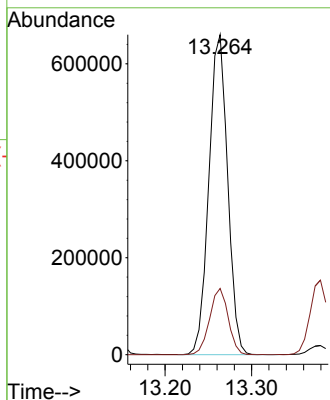
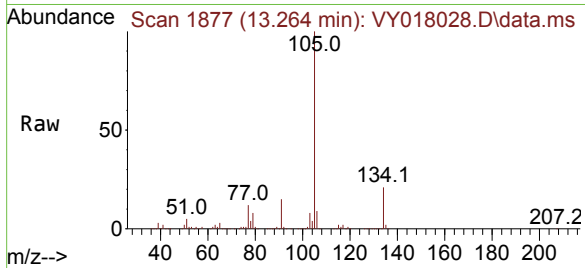




#85
 sec-Butylbenzene
 Concen: 58.398 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.012 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

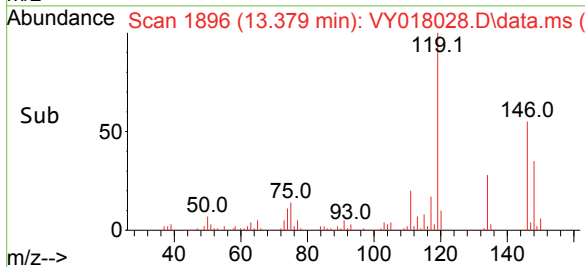
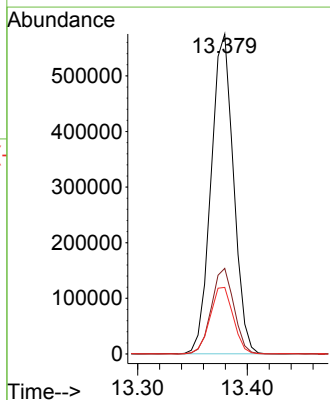
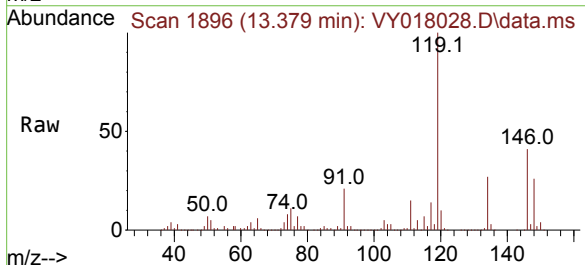
Instrument :
 MSVOA_Y
 ClientSampleId :

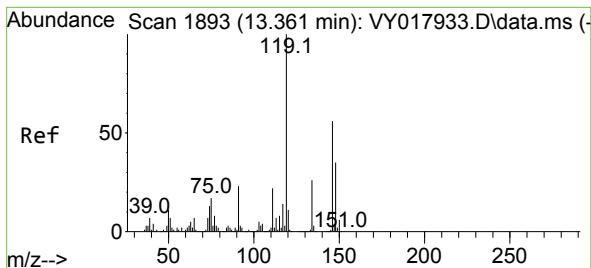
Tgt Ion:105 Resp: 991041
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 58.751 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.012 min
 Lab File: VY018028.D
 Acq: 24 Apr 2024 09:11

Tgt Ion:119 Resp: 819264
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 21.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.286 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

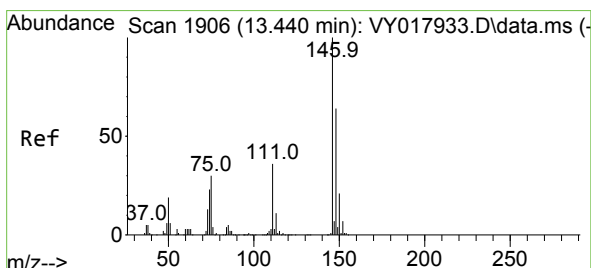
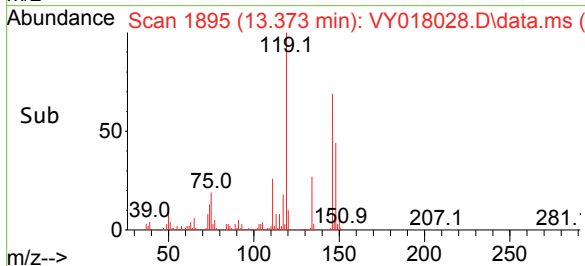
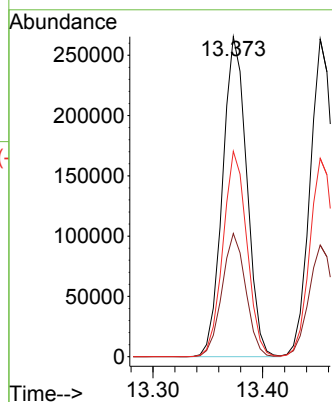
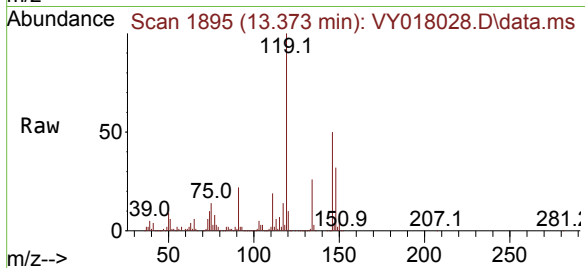
Tgt Ion:146 Resp: 406642

Ion Ratio Lower Upper

146 100

111 37.8 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.782 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

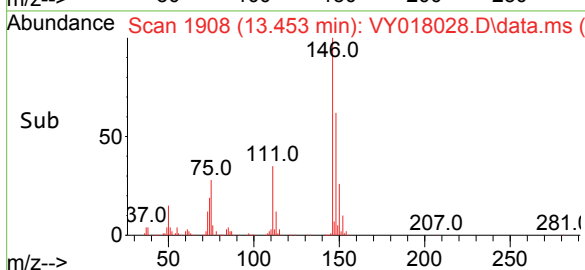
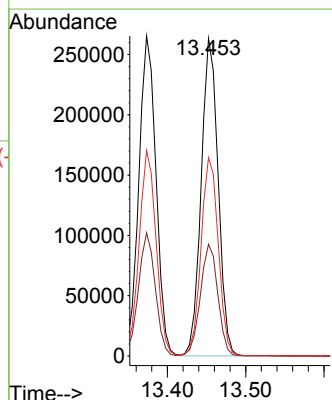
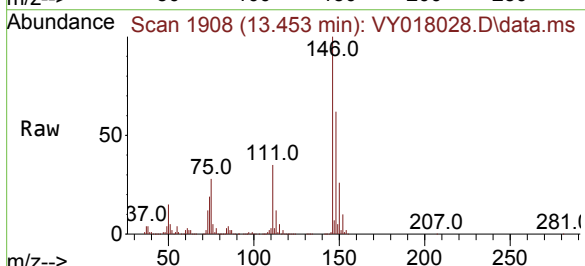
Tgt Ion:146 Resp: 395487

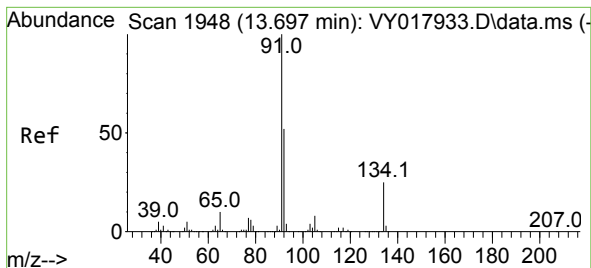
Ion Ratio Lower Upper

146 100

111 36.2 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 59.087 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

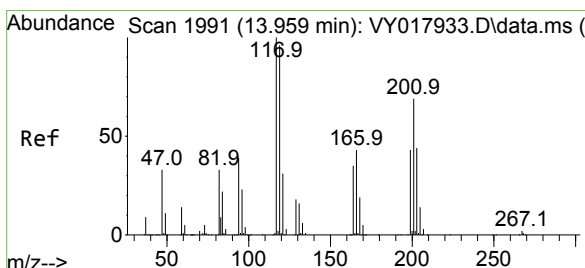
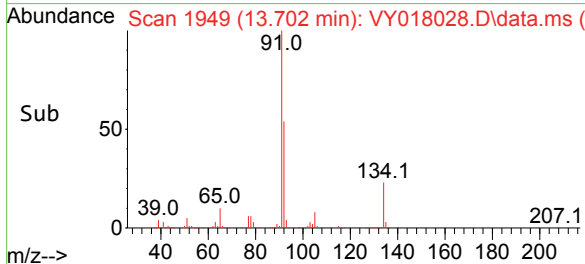
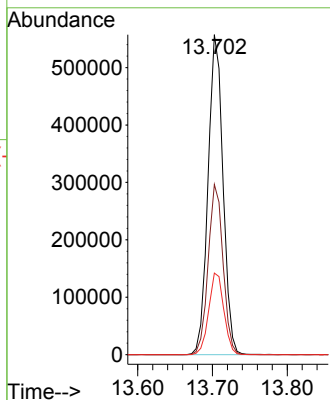
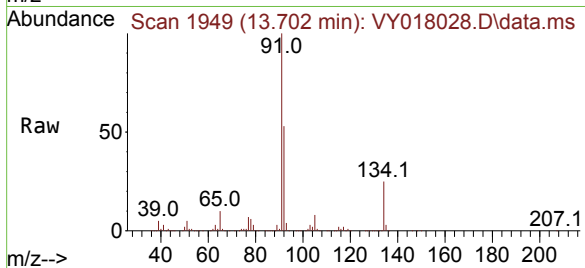
Tgt Ion: 91 Resp: 775160

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 56.726 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY018028.D

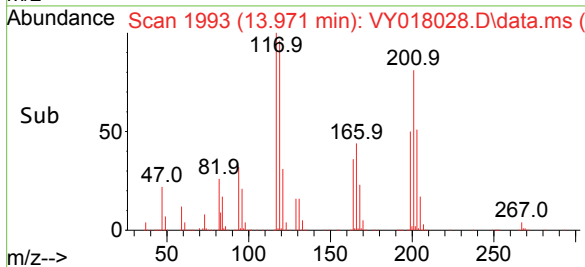
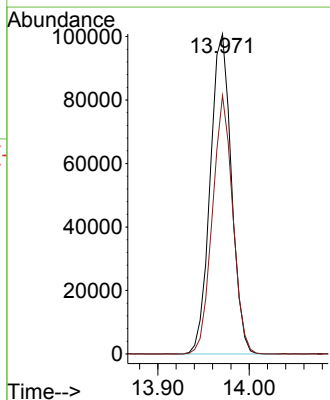
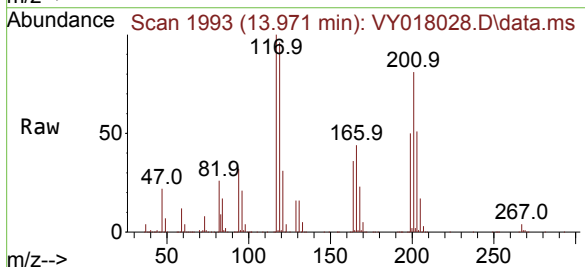
Acq: 24 Apr 2024 09:11

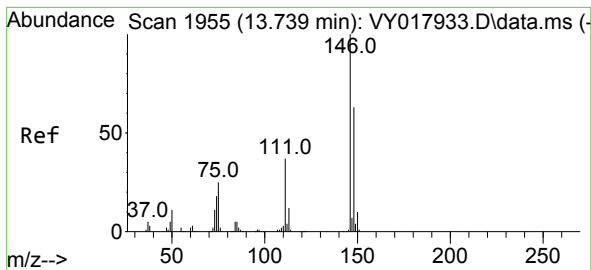
Tgt Ion: 117 Resp: 162205

Ion Ratio Lower Upper

117 100

201 77.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 52.677 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

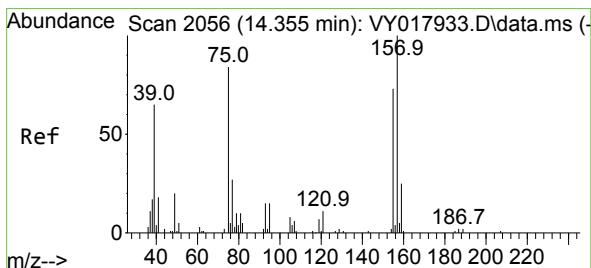
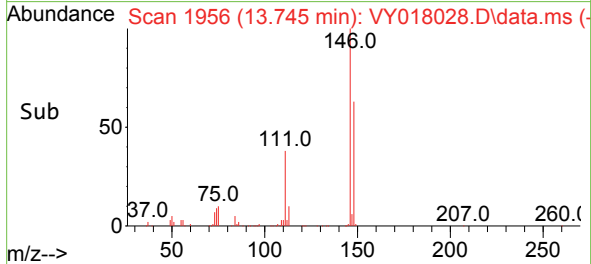
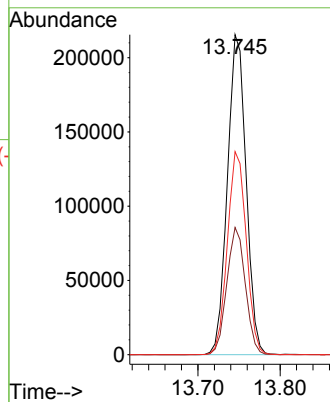
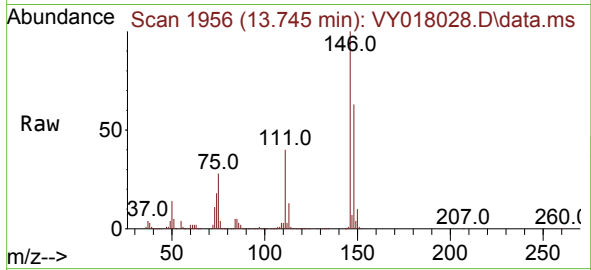
Tgt Ion:146 Resp: 340425

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.278 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

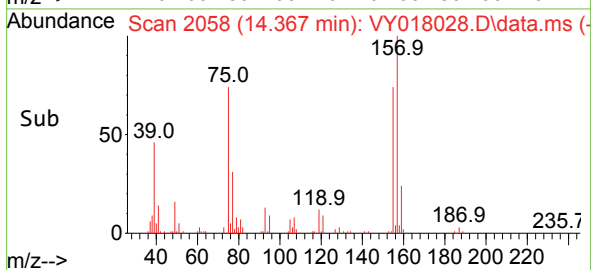
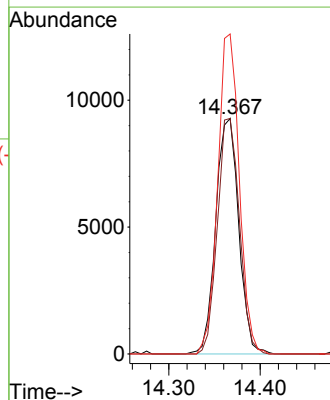
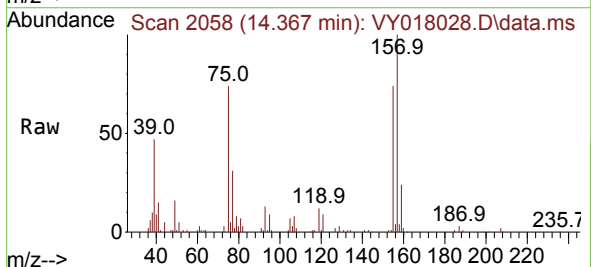
Tgt Ion: 75 Resp: 16197

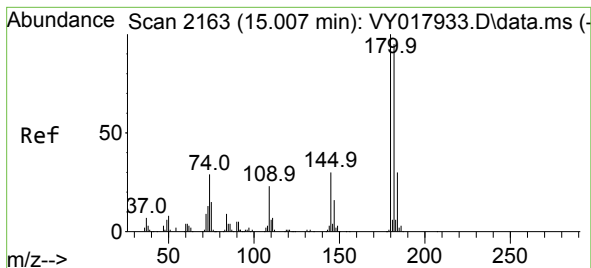
Ion Ratio Lower Upper

75 100

155 95.8 48.6 145.8

157 127.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.374 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

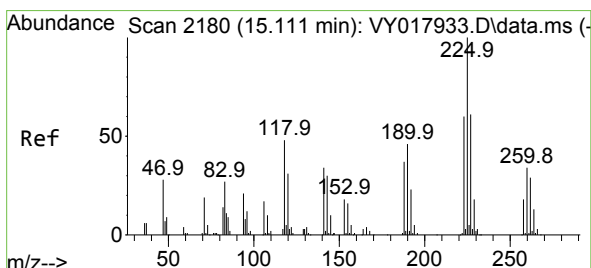
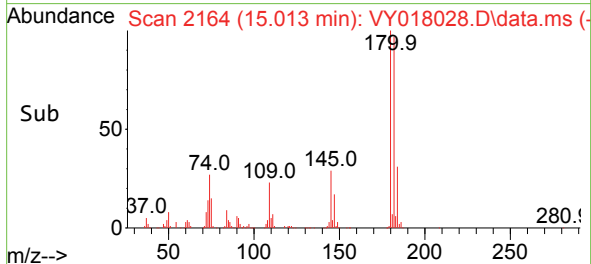
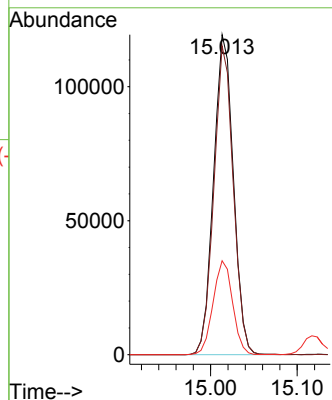
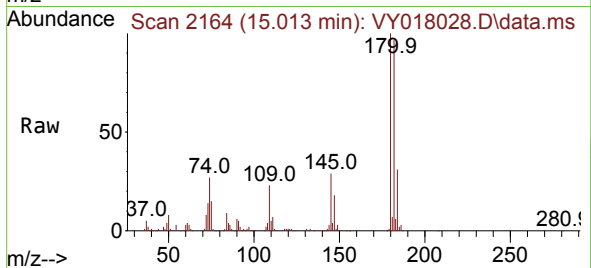
Tgt Ion:180 Resp: 189576

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.022 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

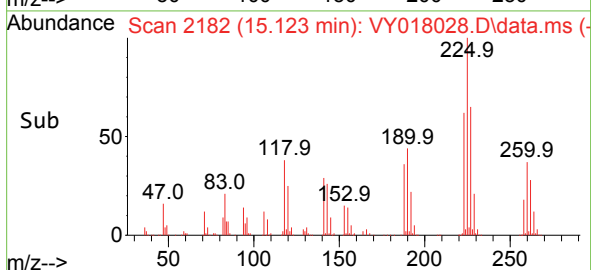
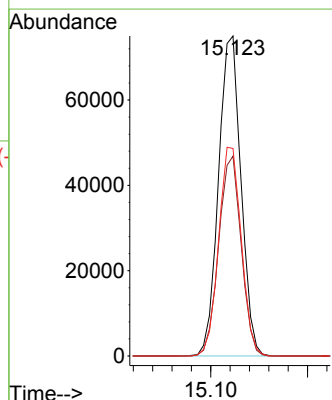
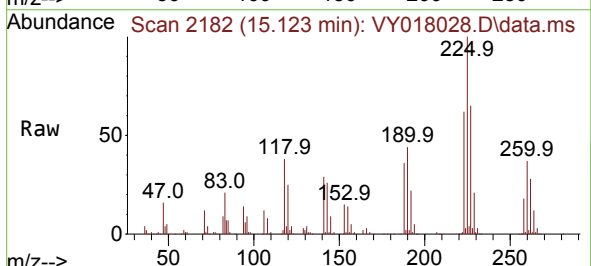
Tgt Ion:225 Resp: 120607

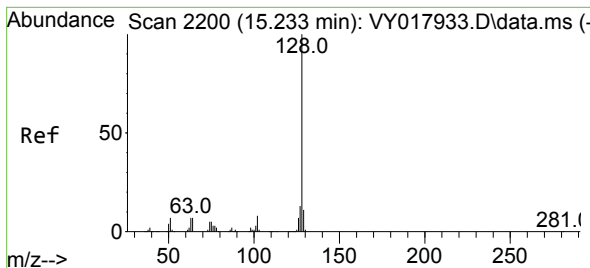
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 46.175 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Instrument :

MSVOA_Y

ClientSampleId :

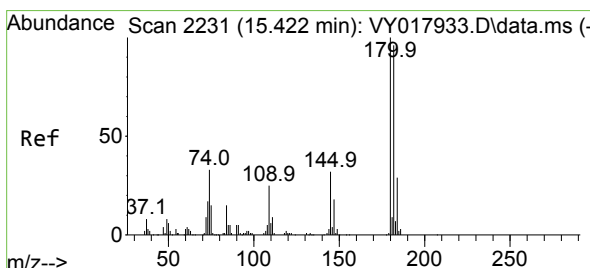
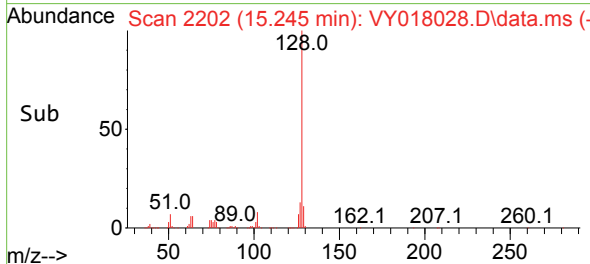
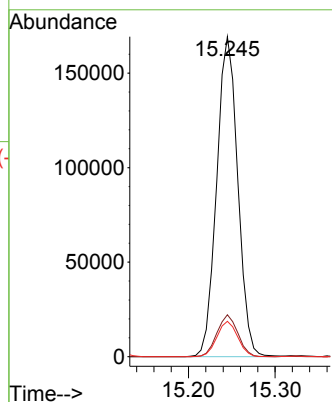
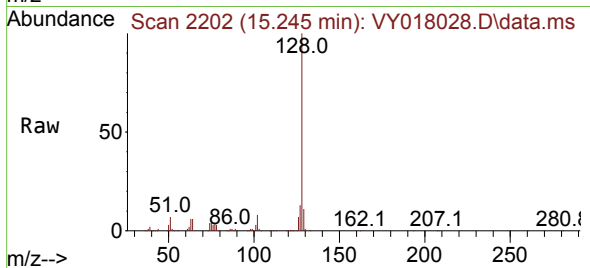
Tgt Ion:128 Resp: 286362

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.544 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.012 min

Lab File: VY018028.D

Acq: 24 Apr 2024 09:11

Tgt Ion:180 Resp: 156452

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 29.4 15.4 46.1

