

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018043.D
 Acq On : 25 Apr 2024 11:58
 Operator : SY/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 01:58:45 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	7.795	168	372897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	576942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	507365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	250385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144789	44.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.722	113	170557	47.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.185	98	686822	50.853	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.489	95	212963	50.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66525	22.488	ug/l	100
3) Chloromethane	2.119	50	78756	16.067	ug/l	98
4) Vinyl Chloride	2.253	62	89932	16.277	ug/l	99
5) Bromomethane	2.650	94	66226	18.009	ug/l	97
6) Chloroethane	2.796	64	56991	16.339	ug/l	95
7) Trichlorofluoromethane	3.131	101	120596	19.368	ug/l	95
8) Diethyl Ether	3.534	74	37546	19.082	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	75882	19.570	ug/l	95
10) Methyl Iodide	4.095	142	103071	19.980	ug/l	97
11) Tert butyl alcohol	4.960	59	20702	79.669	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	76252	20.257	ug/l	93
13) Acrolein	3.729	56	30518	121.431	ug/l	99
14) Allyl chloride	4.485	41	94333	19.365	ug/l	93
15) Acrylonitrile	5.168	53	77149	96.571	ug/l	100
16) Acetone	3.948	43	51059	80.079	ug/l	94
17) Carbon Disulfide	4.198	76	211843	17.691	ug/l	99
18) Methyl Acetate	4.491	43	31292	18.655	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	158117	19.274	ug/l	98
20) Methylene Chloride	4.716	84	91491	21.180	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	82119	19.914	ug/l	96
22) Diisopropyl ether	6.125	45	220632	20.660	ug/l	98
23) Vinyl Acetate	6.070	43	597985	94.428	ug/l	99
24) 1,1-Dichloroethane	6.027	63	140134	20.098	ug/l	100
25) 2-Butanone	6.996	43	83861	89.480	ug/l	97
26) 2,2-Dichloropropane	6.990	77	116016	20.739	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	97414	20.685	ug/l	99
28) Bromochloromethane	7.338	49	57747	21.054	ug/l	99
29) Tetrahydrofuran	7.356	42	54659	91.903	ug/l	97
30) Chloroform	7.515	83	146028	20.492	ug/l	97
31) Cyclohexane	7.795	56	115111	18.663	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	122727	20.677	ug/l	98
36) 1,1-Dichloropropene	7.923	75	102622	19.825	ug/l	99
37) Ethyl Acetate	7.082	43	39665	18.625	ug/l	98
38) Carbon Tetrachloride	7.905	117	111822	21.382	ug/l	98
39) Methylcyclohexane	9.191	83	126987	18.825	ug/l	95
40) Benzene	8.167	78	341894	21.086	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19371	14.415	ug/l	96
42) 1,2-Dichloroethane	8.240	62	75589	20.346	ug/l	99
43) Isopropyl Acetate	8.277	43	72767	18.330	ug/l	99
44) Trichloroethene	8.947	130	88740	21.538	ug/l	95
45) 1,2-Dichloropropane	9.222	63	78786	21.109	ug/l	98
46) Dibromomethane	9.313	93	41948	20.318	ug/l	94
47) Bromodichloromethane	9.502	83	110718	21.376	ug/l	98
48) Methyl methacrylate	9.295	41	33799	18.580	ug/l	97
49) 1,4-Dioxane	9.301	88	8590	364.468	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	198527	94.333	ug/l	98
52) Toluene	10.252	92	214750	21.584	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	98484	20.827	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	123688	21.293	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	59008	21.026	ug/l	98
56) Ethyl methacrylate	10.514	69	71094	19.431	ug/l	97
57) 1,3-Dichloropropane	10.795	76	99372	20.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	169275	89.006	ug/l	99
59) 2-Hexanone	10.837	43	134950	93.936	ug/l	98
60) Dibromochloromethane	10.990	129	78872	21.867	ug/l	97
61) 1,2-Dibromoethane	11.093	107	54111	20.688	ug/l	99
64) Tetrachloroethene	10.727	164	78314	21.547	ug/l	99
65) Chlorobenzene	11.520	112	242411	21.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82075	22.384	ug/l	98
67) Ethyl Benzene	11.599	91	395109	21.103	ug/l	98
68) m/p-Xylenes	11.709	106	313475	43.592	ug/l	99
69) o-Xylene	12.038	106	145861	21.720	ug/l	99
70) Styrene	12.050	104	250245	22.048	ug/l	99
71) Bromoform	12.215	173	45846	21.641	ug/l #	94
73) Isopropylbenzene	12.337	105	384048	21.050	ug/l	99
74) N-amyl acetate	12.148	43	66554	18.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65473	19.242	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	79194	33.706	ug/l #	100
77) Bromobenzene	12.611	156	96100	21.766	ug/l	94
78) n-propylbenzene	12.678	91	465999	21.051	ug/l	99
79) 2-Chlorotoluene	12.764	91	261207	21.082	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	309808	21.415	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	21552	18.913	ug/l	97
82) 4-Chlorotoluene	12.861	91	269051	20.967	ug/l	97
83) tert-Butylbenzene	13.081	119	281754	21.324	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	312230	21.672	ug/l	99
85) sec-Butylbenzene	13.258	105	418157	21.070	ug/l	98
86) p-Isopropyltoluene	13.373	119	347944	21.336	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	188064	21.468	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	185670	21.590	ug/l	99
89) n-Butylbenzene	13.703	91	317965	20.725	ug/l	98
90) Hexachloroethane	13.965	117	71076	21.255	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	163124	21.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7934	18.127	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	88378	20.081	ug/l	99
94) Hexachlorobutadiene	15.117	225	55565	21.282	ug/l	98
95) Naphthalene	15.245	128	132584	18.281	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	73960	20.027	ug/l	99

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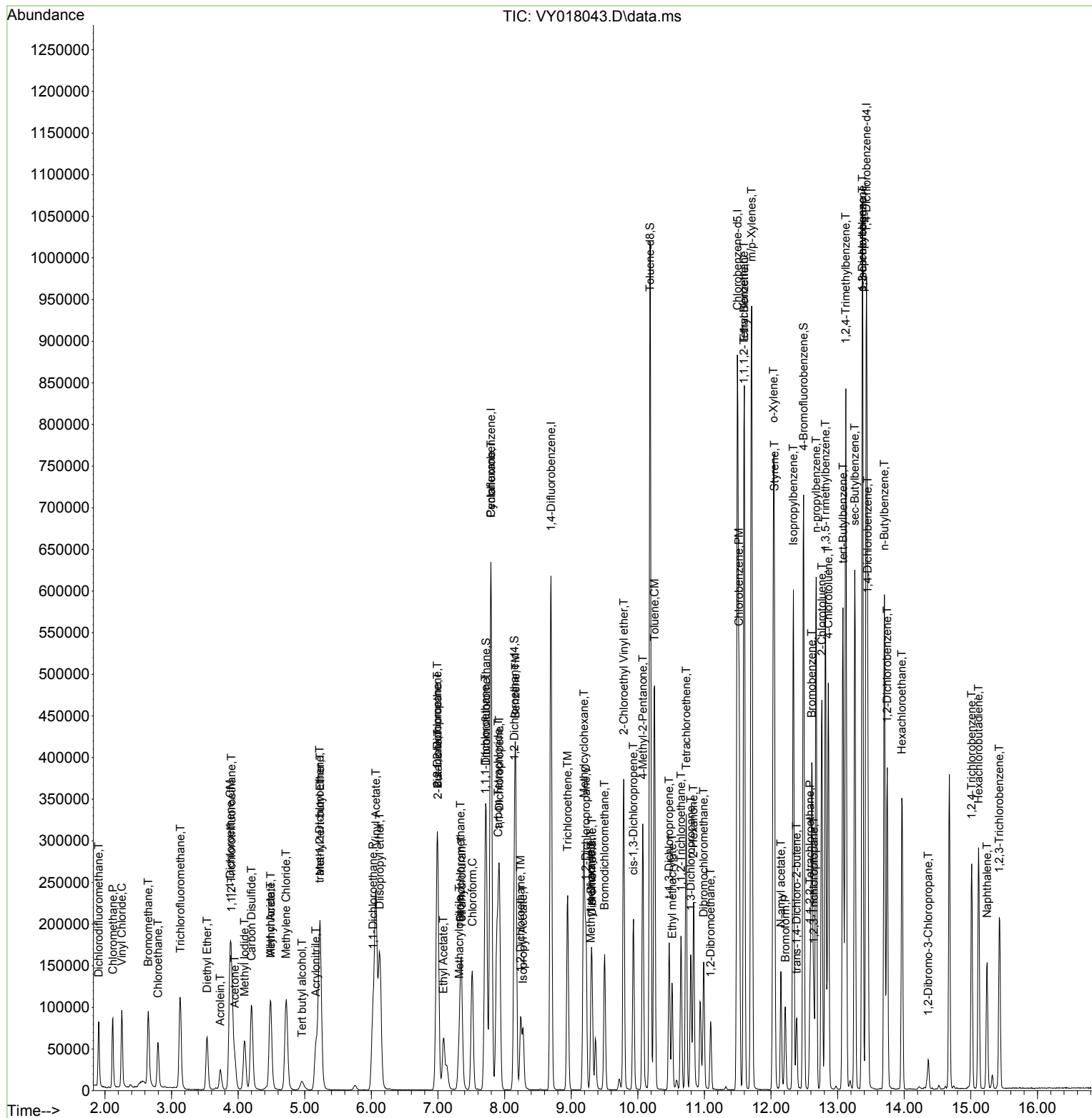
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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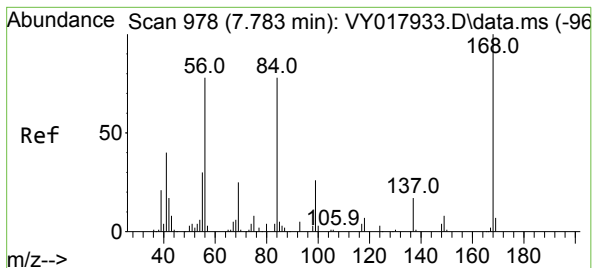
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

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Instrument :

MSVOA_Y

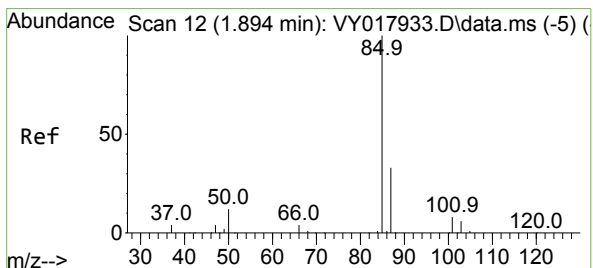
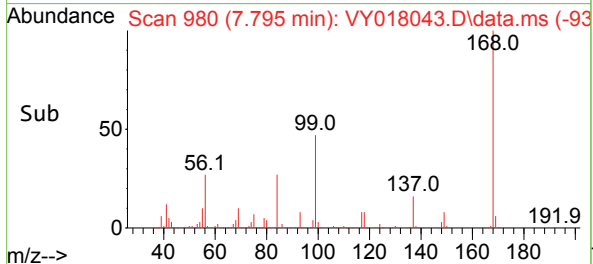
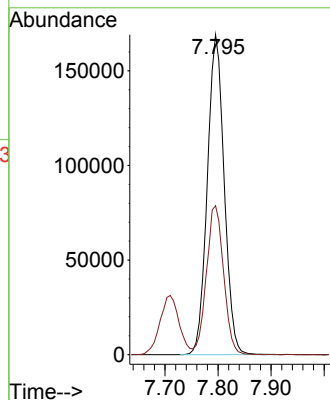
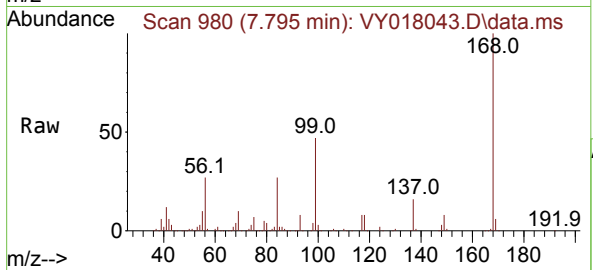
ClientSampleId :

Tgt Ion:168 Resp: 372897

Ion Ratio Lower Upper

168 100

99 46.6 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 22.488 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY018043.D

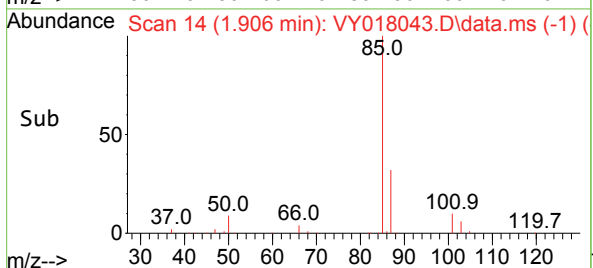
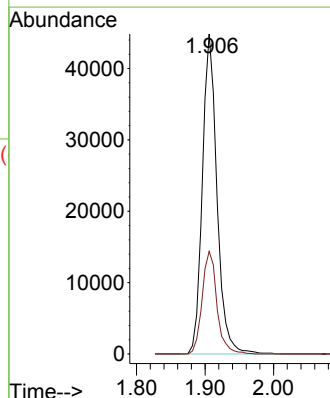
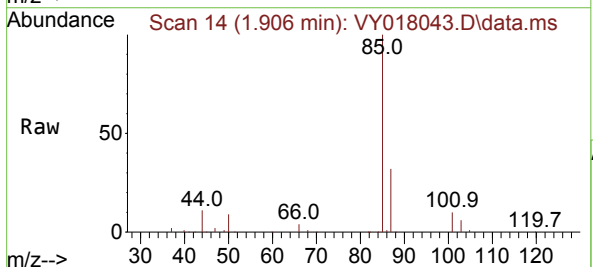
Acq: 25 Apr 2024 11:58

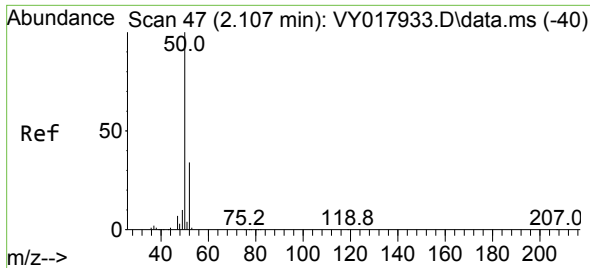
Tgt Ion: 85 Resp: 66525

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0

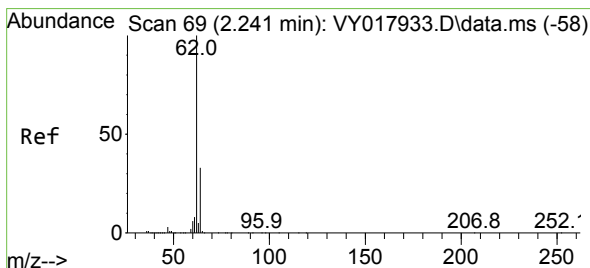
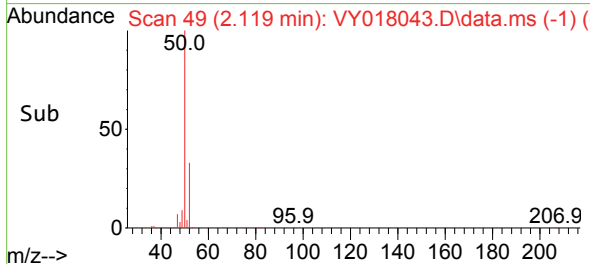
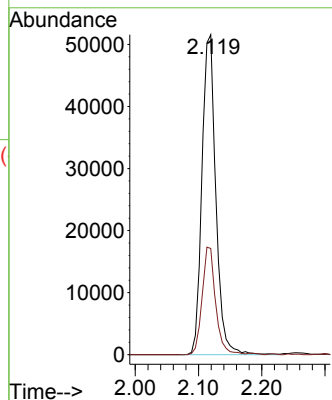
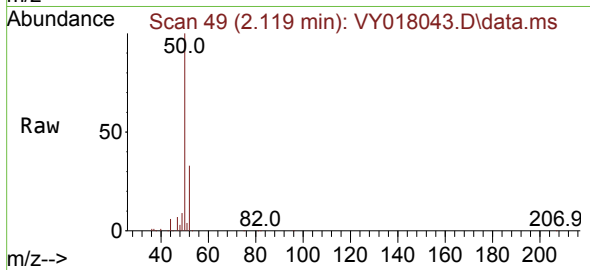




#3
Chloromethane
Concen: 16.067 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY018043.D
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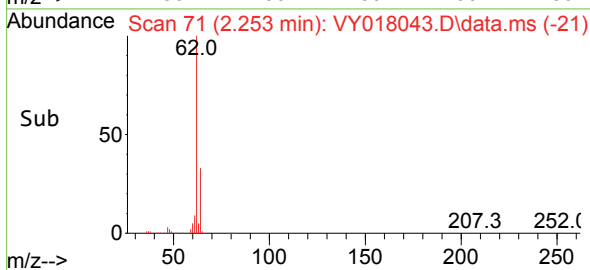
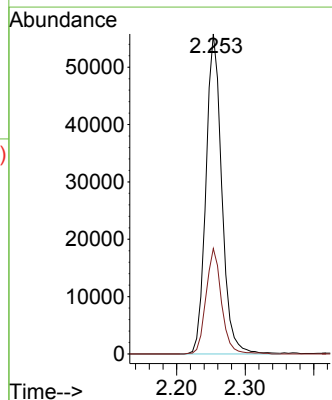
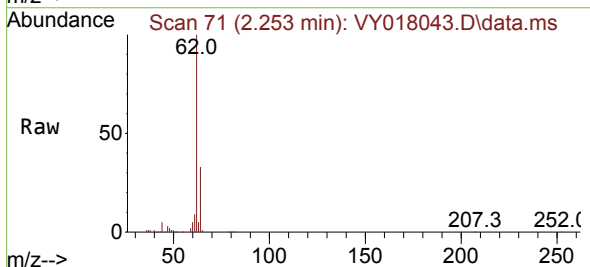
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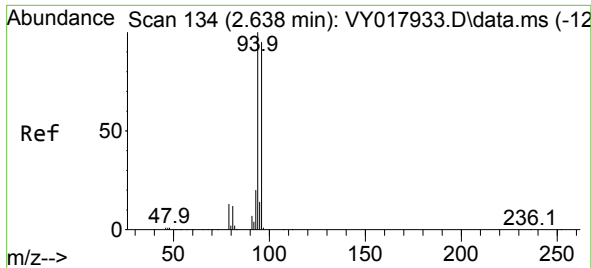
Tgt Ion: 50 Resp: 78756
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 16.277 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion: 62 Resp: 89932
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

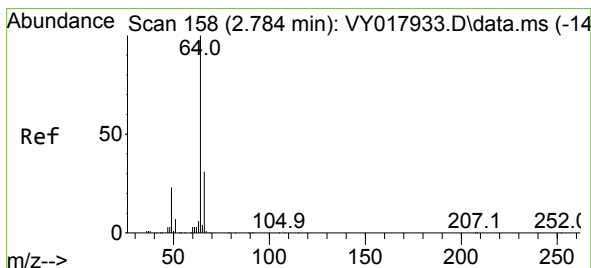
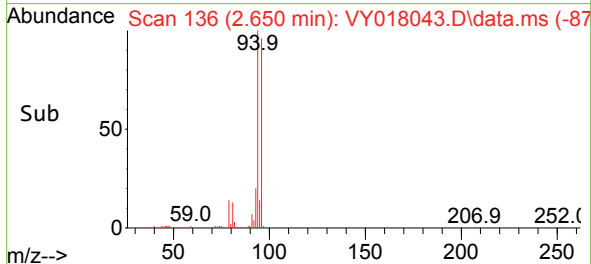
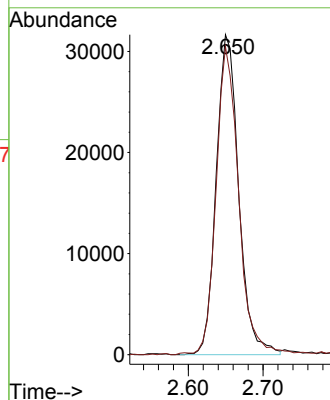
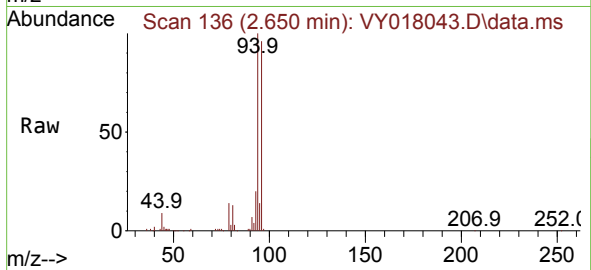




#5
Bromomethane
Concen: 18.009 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
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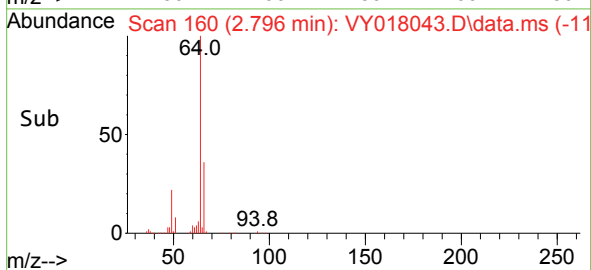
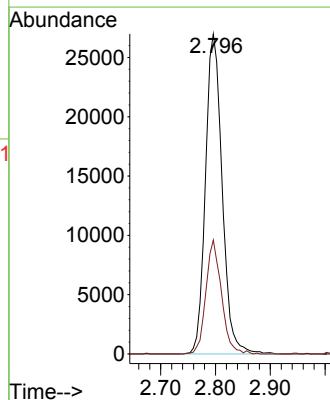
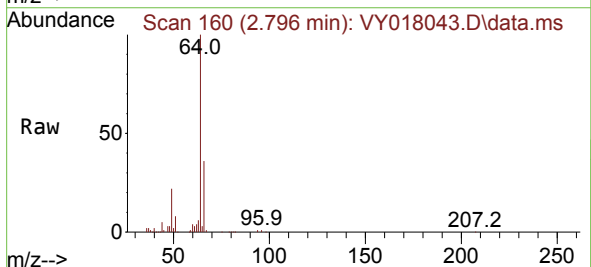
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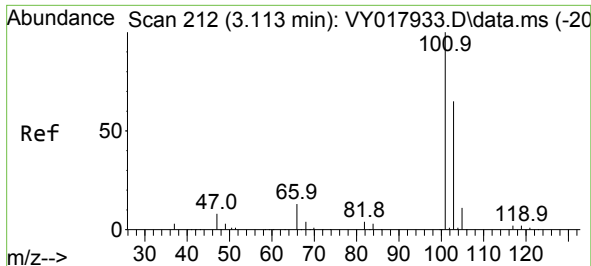
Tgt Ion: 94 Resp: 66226
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 16.339 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
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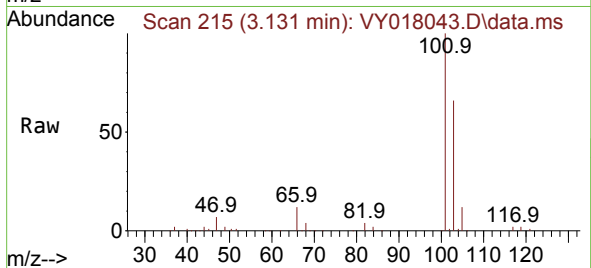
Tgt Ion: 64 Resp: 56991
Ion Ratio Lower Upper
64 100
66 35.6 26.1 39.1



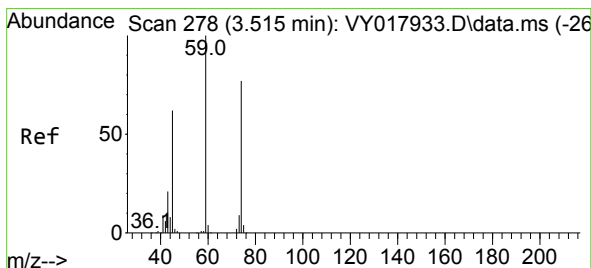
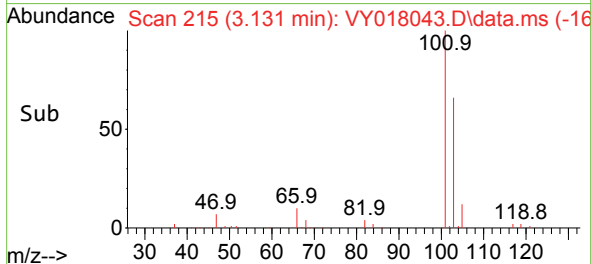
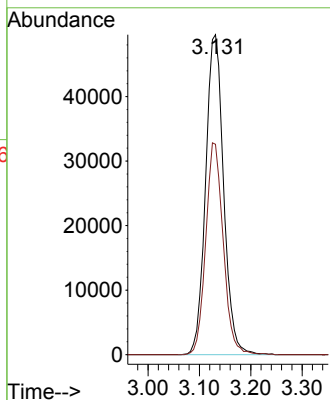


#7
 Trichlorofluoromethane
 Concen: 19.368 ug/l
 RT: 3.131 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018043.D
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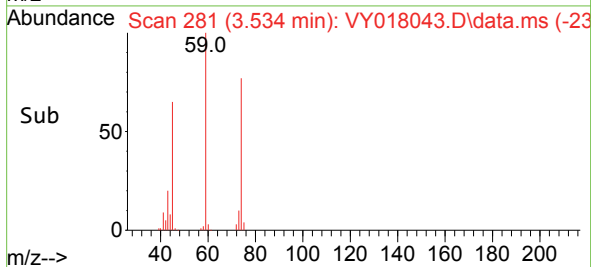
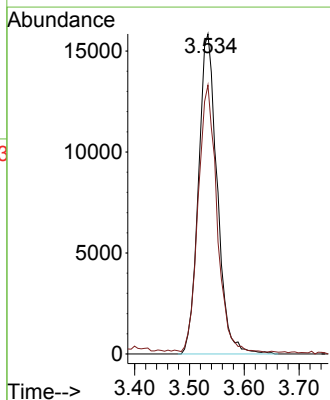
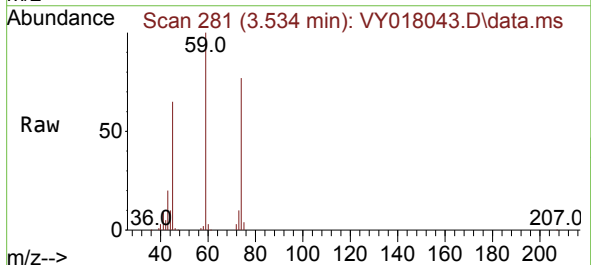


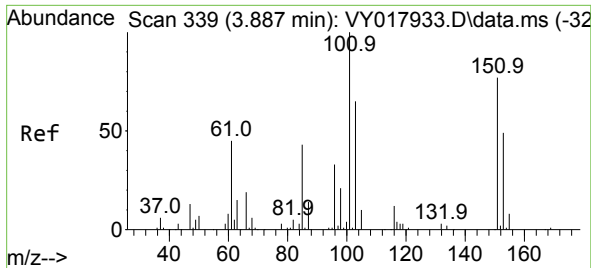
Tgt Ion:101 Resp: 120596
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.082 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 37546
 Ion Ratio Lower Upper
 74 100
 45 84.0 41.3 124.1

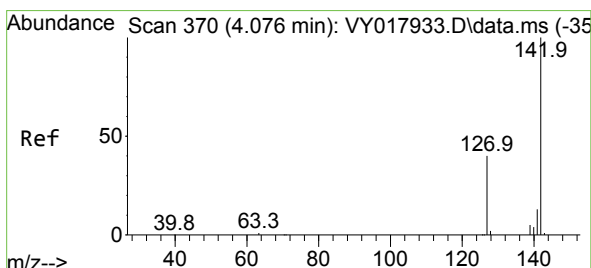
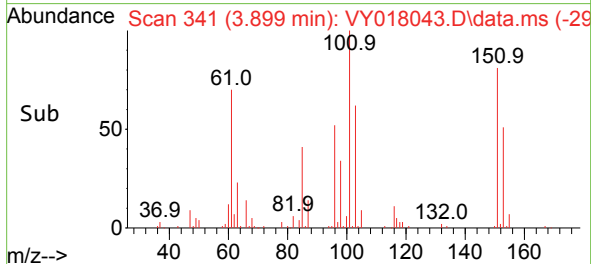
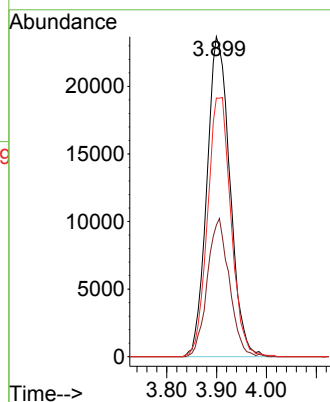
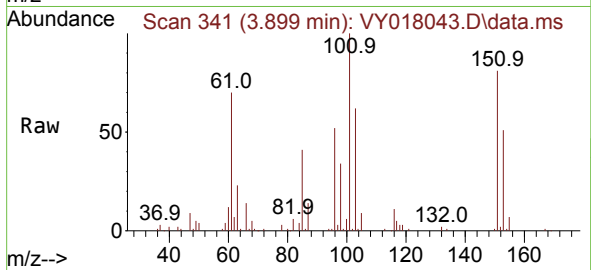




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.570 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

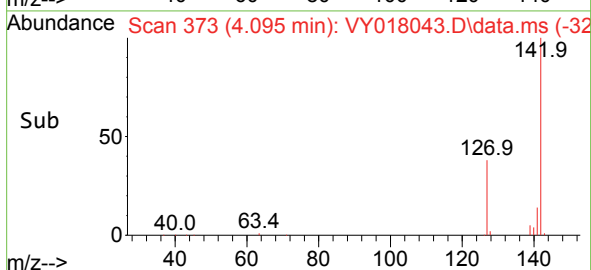
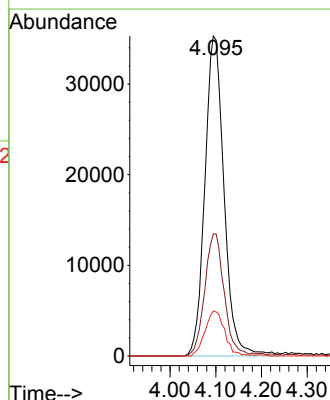
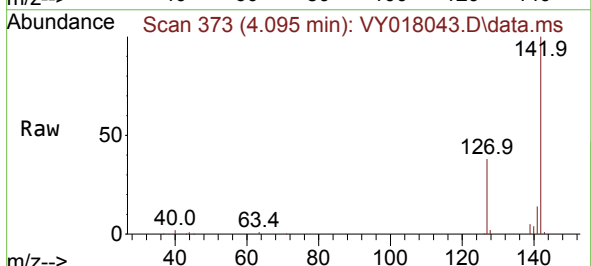
Instrument :
MSVOA_Y
ClientSampleId :

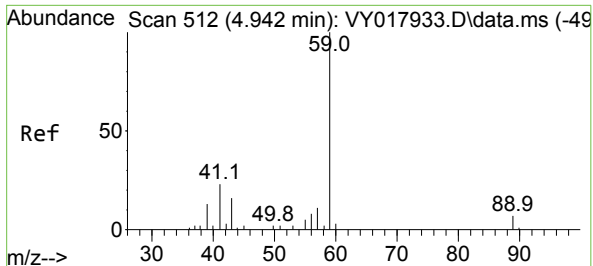
Tgt Ion:101 Resp: 75882
Ion Ratio Lower Upper
101 100
85 41.4 34.5 51.7
151 82.6 61.7 92.5



#10
Methyl Iodide
Concen: 19.980 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion:142 Resp: 103071
Ion Ratio Lower Upper
142 100
127 38.5 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 79.669 ug/l

RT: 4.960 min Scan# 512

Delta R.T. 0.006 min

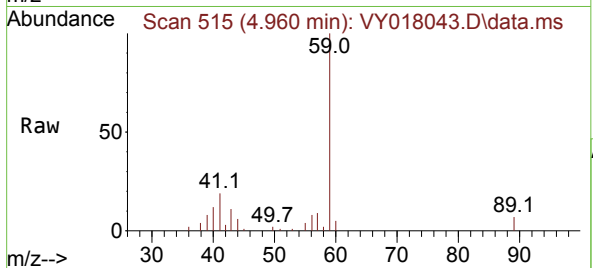
Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

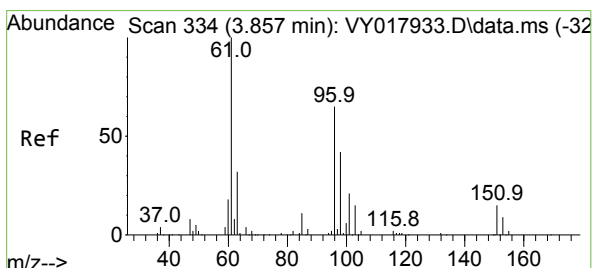
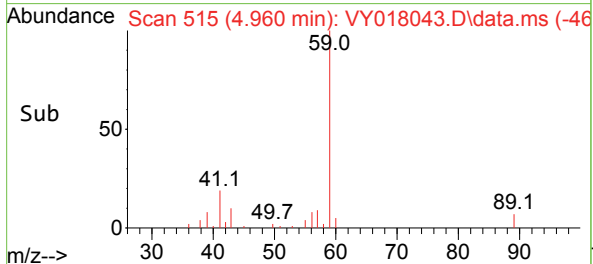
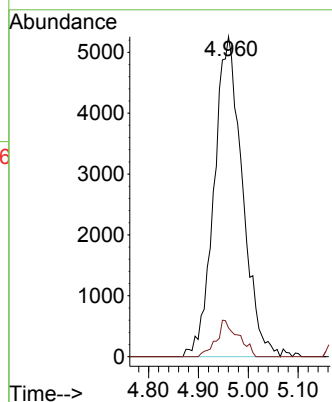


Tgt Ion: 59 Resp: 20702

Ion Ratio Lower Upper

59 100

57 8.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.257 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

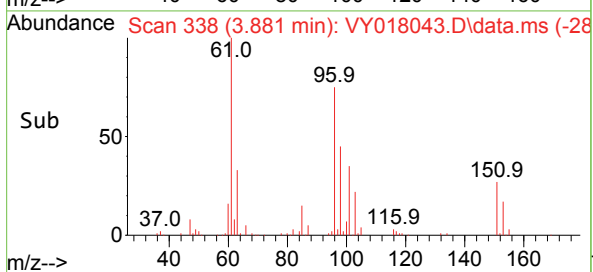
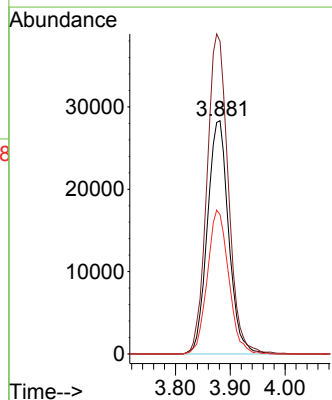
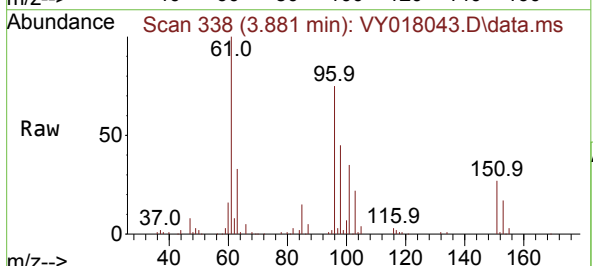
Tgt Ion: 96 Resp: 76252

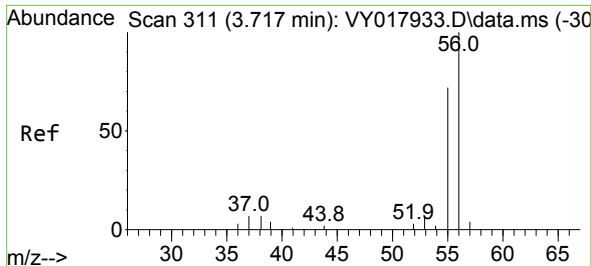
Ion Ratio Lower Upper

96 100

61 134.0 114.6 171.8

98 59.8 50.8 76.2





#13

Acrolein

Concen: 121.431 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

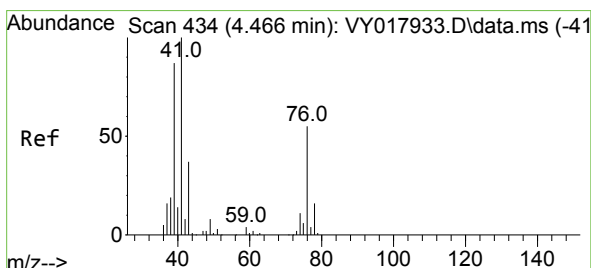
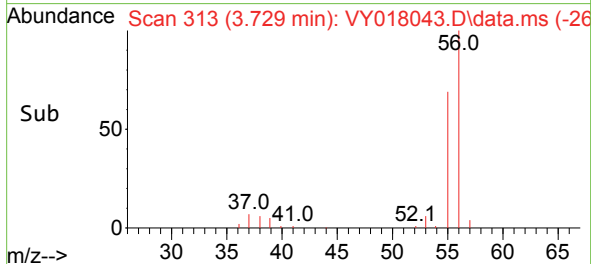
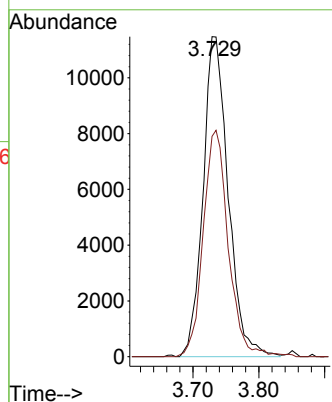
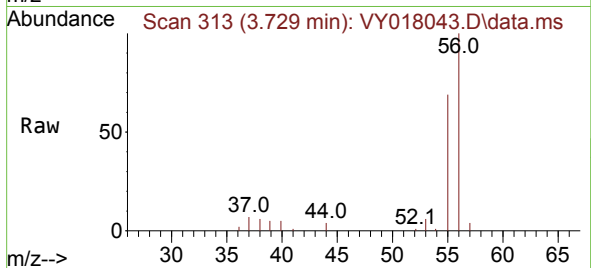
ClientSampleId :

Tgt Ion: 56 Resp: 30518

Ion Ratio Lower Upper

56 100

55 70.7 55.7 83.5



#14

Allyl chloride

Concen: 19.365 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

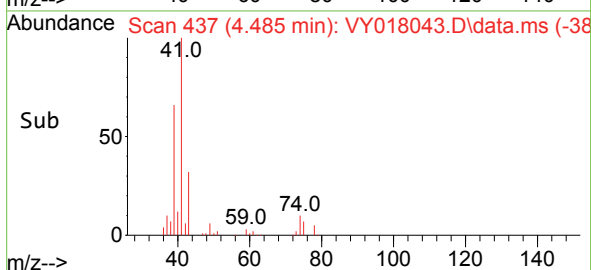
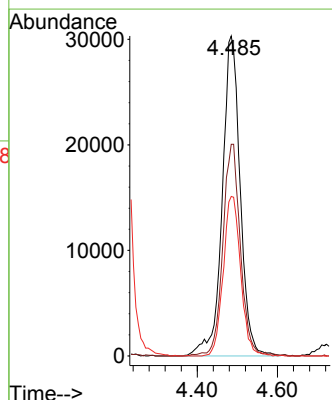
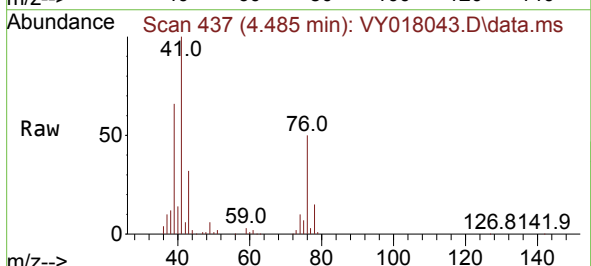
Tgt Ion: 41 Resp: 94333

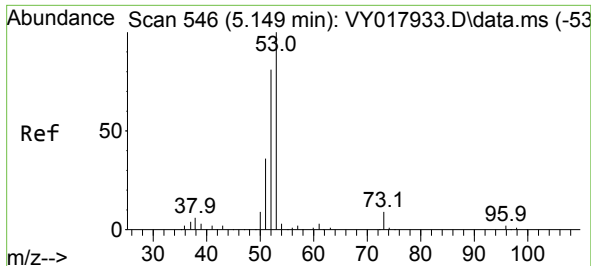
Ion Ratio Lower Upper

41 100

39 64.1 58.3 87.5

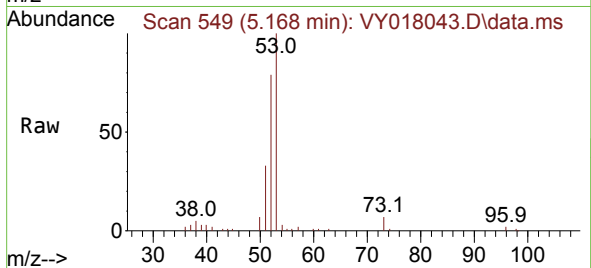
76 48.3 39.0 58.6



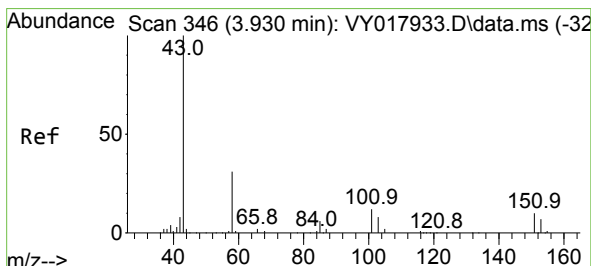
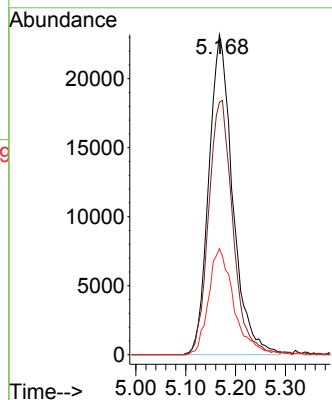
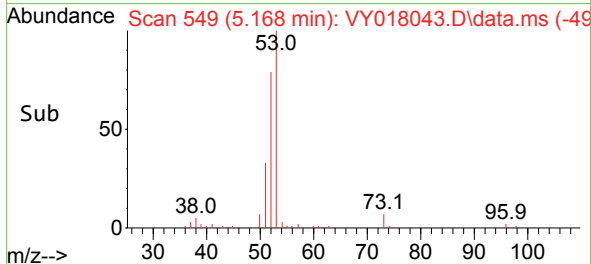


#15
Acrylonitrile
Concen: 96.571 ug/l
RT: 5.168 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

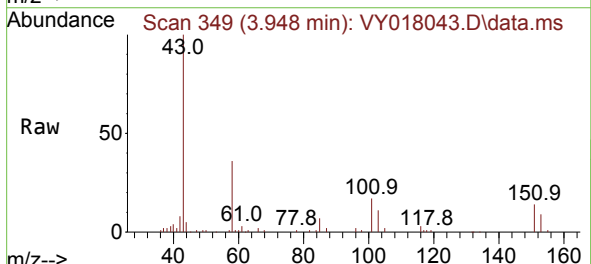
Instrument :
MSVOA_Y
ClientSampleId :



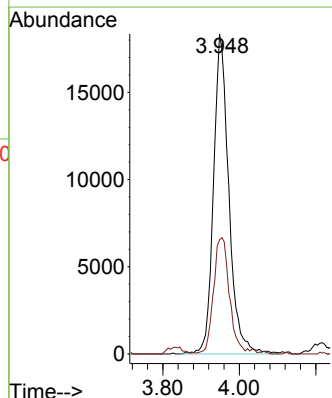
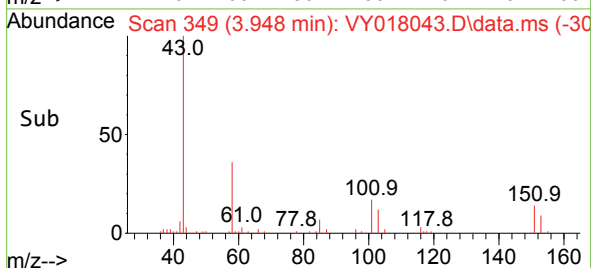
Tgt Ion: 53 Resp: 77149
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 35.3 28.4 42.6

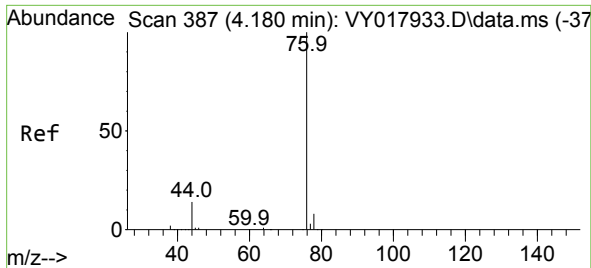


#16
Acetone
Concen: 80.079 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58



Tgt Ion: 43 Resp: 51059
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5





#17

Carbon Disulfide

Concen: 17.691 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

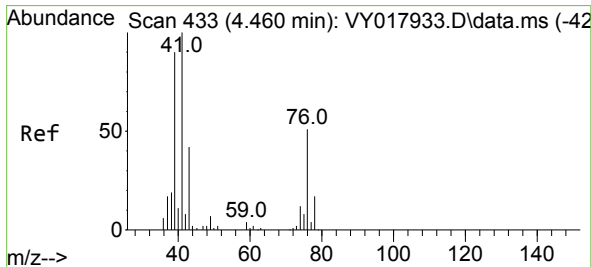
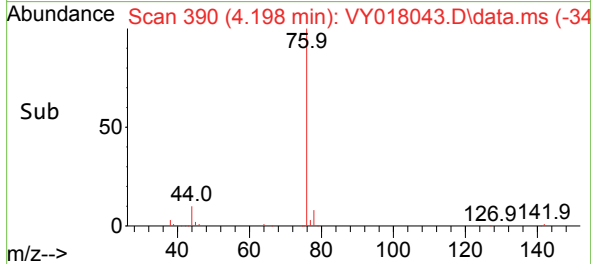
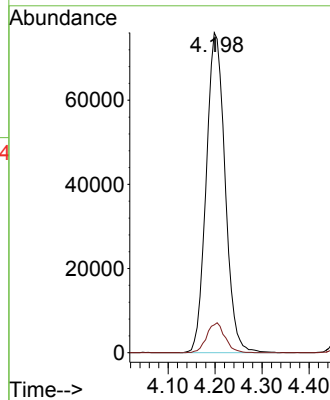
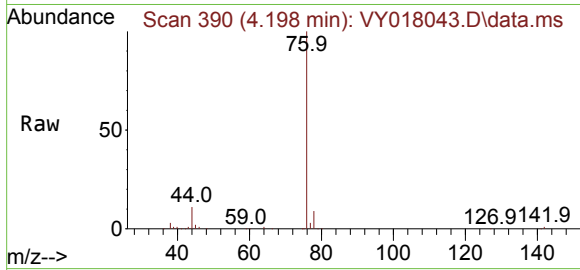
ClientSampleId :

Tgt Ion: 76 Resp: 211843

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



#18

Methyl Acetate

Concen: 18.655 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY018043.D

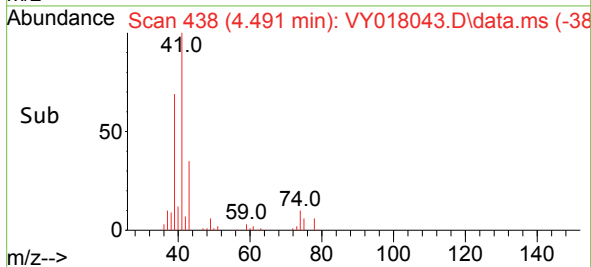
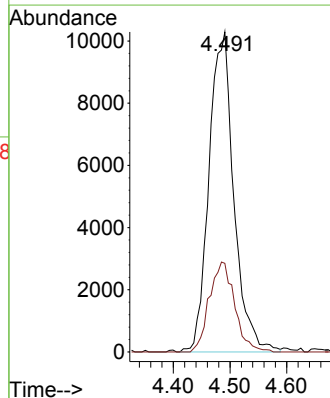
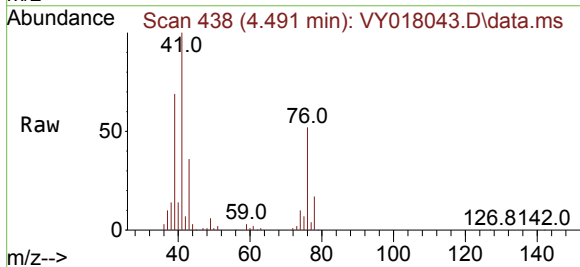
Acq: 25 Apr 2024 11:58

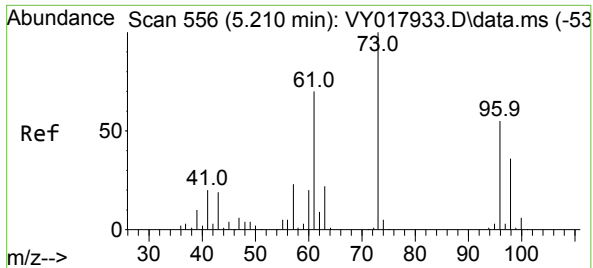
Tgt Ion: 43 Resp: 31292

Ion Ratio Lower Upper

43 100

74 28.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.274 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

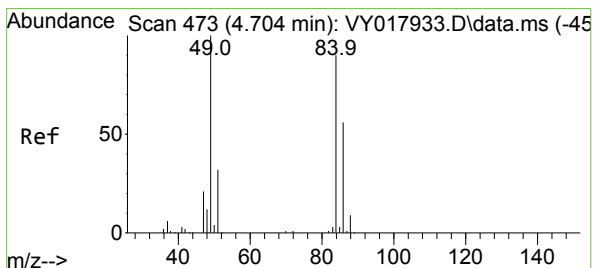
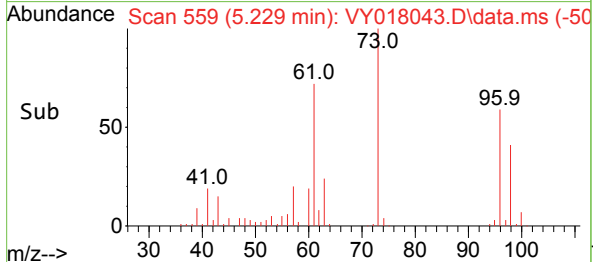
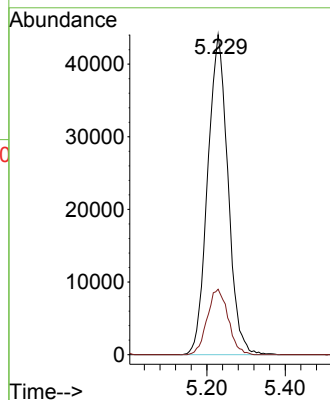
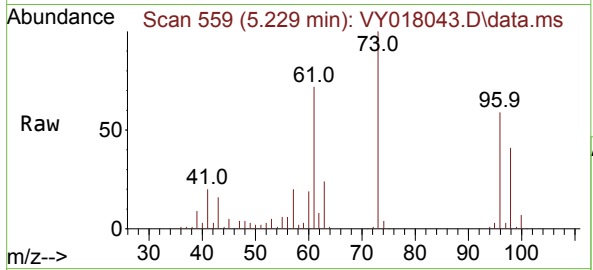
ClientSampleId :

Tgt Ion: 73 Resp: 158117

Ion Ratio Lower Upper

73 100

57 20.4 17.3 25.9



#20

Methylene Chloride

Concen: 21.180 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Tgt Ion: 84 Resp: 91491

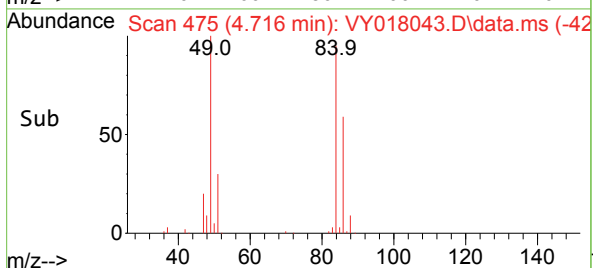
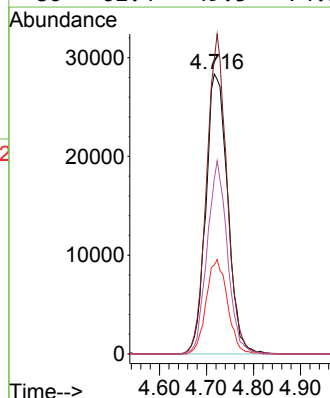
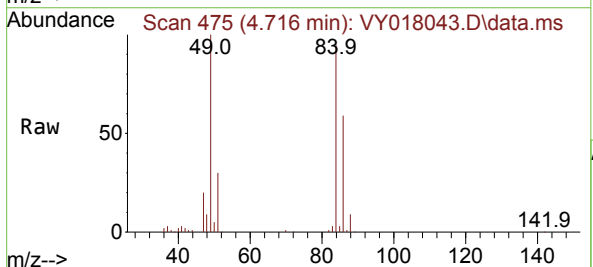
Ion Ratio Lower Upper

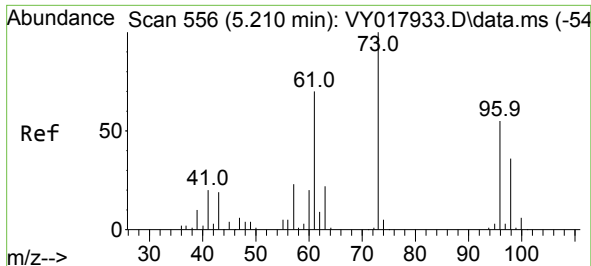
84 100

49 105.2 84.4 126.6

51 31.8 26.0 39.0

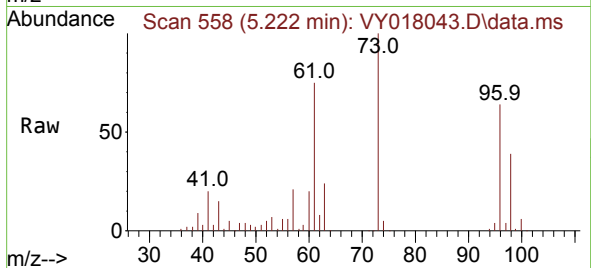
86 62.4 49.5 74.3



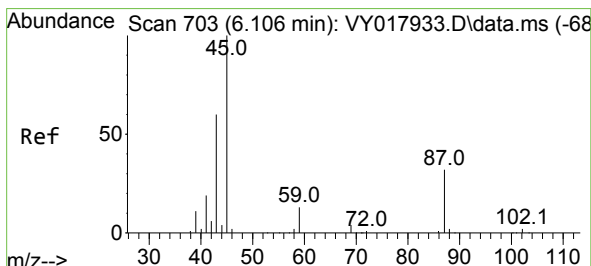
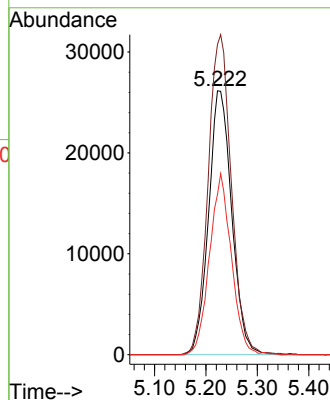
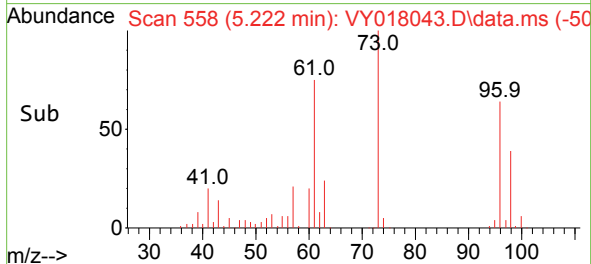


#21
trans-1,2-Dichloroethene
Concen: 19.914 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

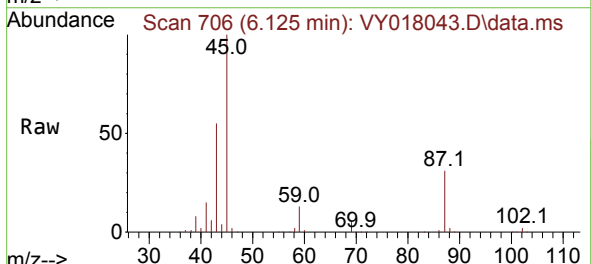
Instrument :
MSVOA_Y
ClientSampleId :



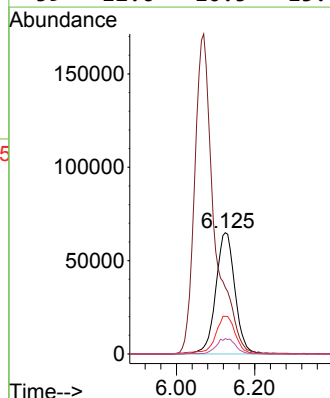
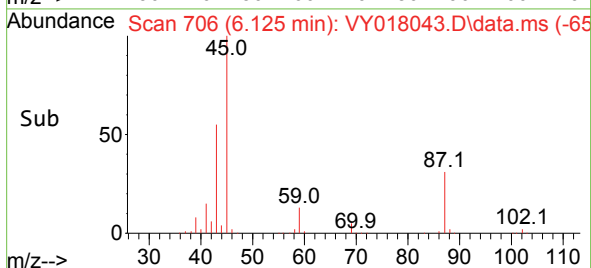
Tgt Ion: 96 Resp: 82119
Ion Ratio Lower Upper
96 100
61 117.6 97.5 146.3
98 60.7 50.5 75.7

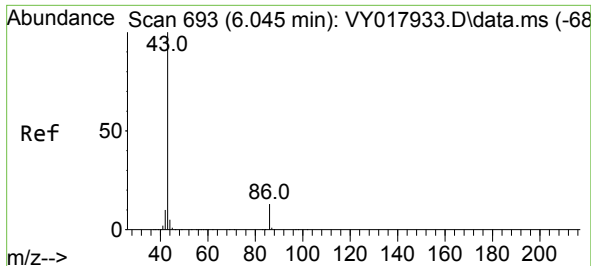


#22
Diisopropyl ether
Concen: 20.660 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58



Tgt Ion: 45 Resp: 220632
Ion Ratio Lower Upper
45 100
43 54.3 42.2 63.2
87 31.0 25.0 37.6
59 12.6 10.5 15.7

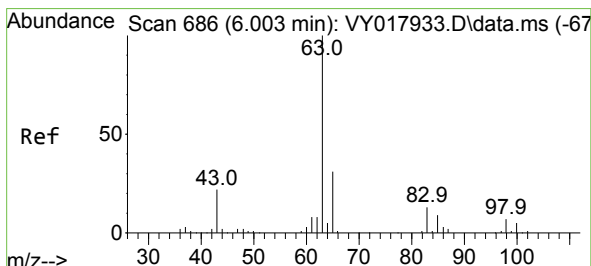
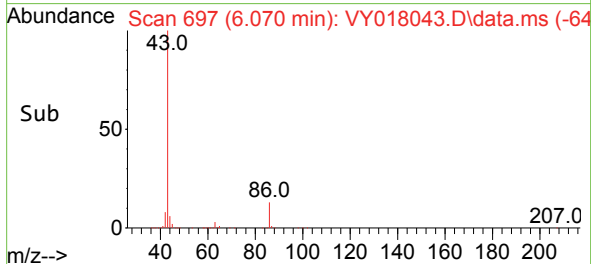
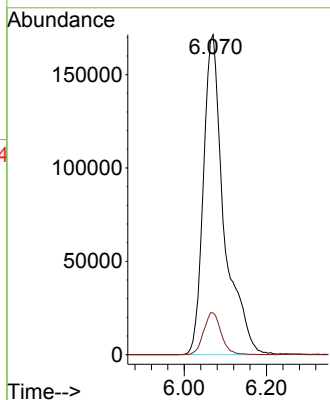
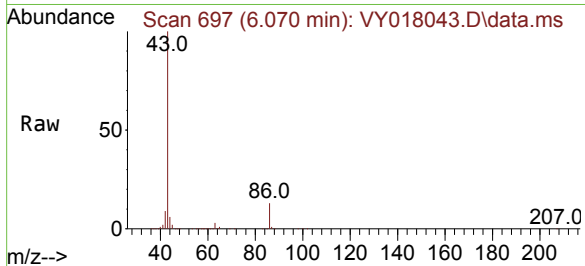




#23
 Vinyl Acetate
 Concen: 94.428 ug/l
 RT: 6.070 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

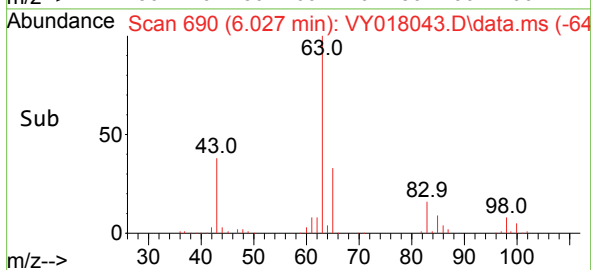
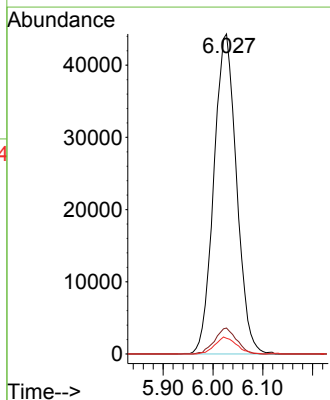
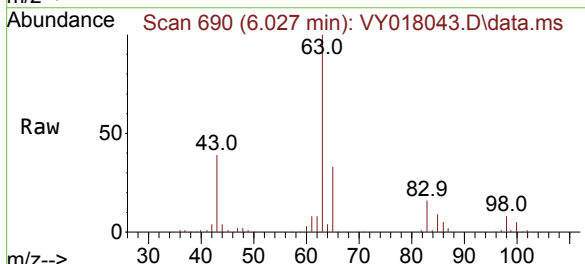
Instrument :
 MSVOA_Y
 ClientSampleId :

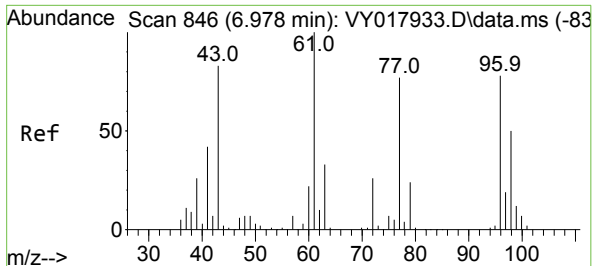
Tgt Ion: 43 Resp: 597985
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.098 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

Tgt Ion: 63 Resp: 140134
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 89.480 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

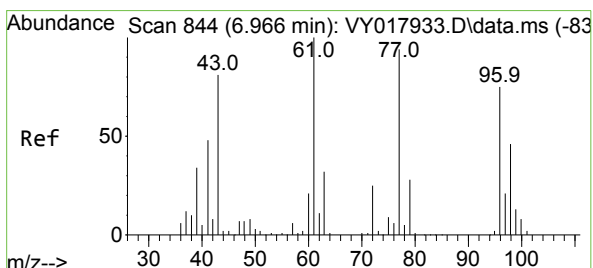
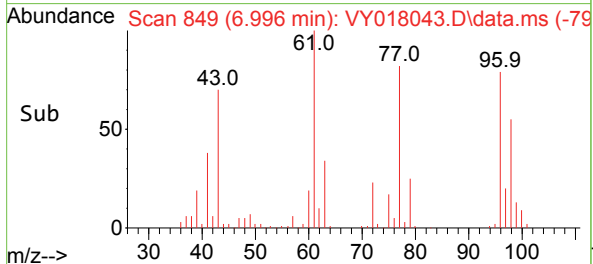
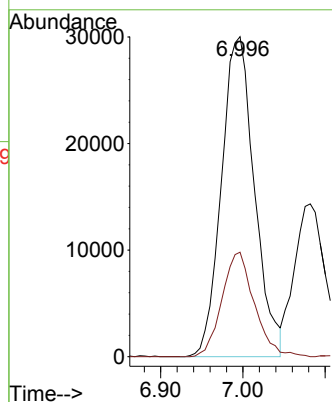
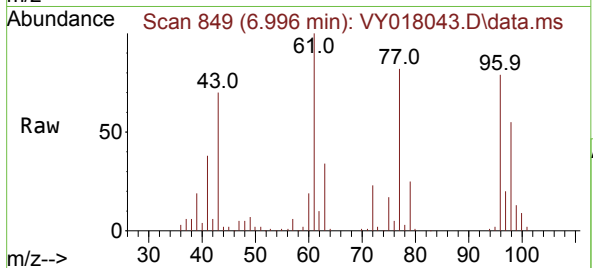
ClientSampleId :

Tgt Ion: 43 Resp: 83861

Ion Ratio Lower Upper

43 100

72 32.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.739 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY018043.D

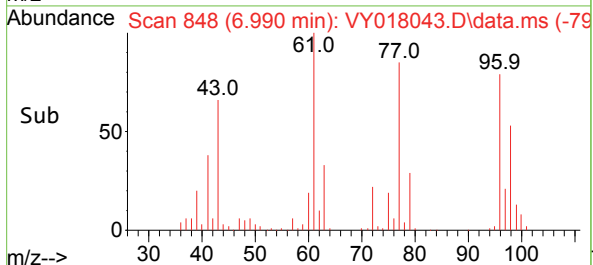
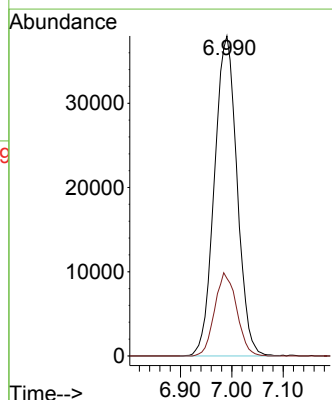
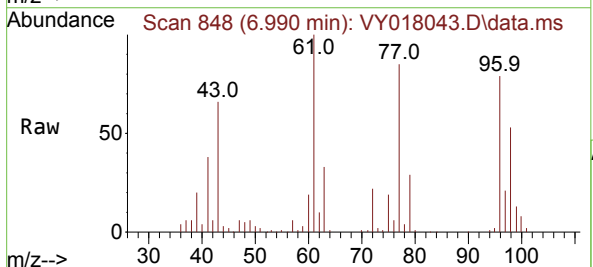
Acq: 25 Apr 2024 11:58

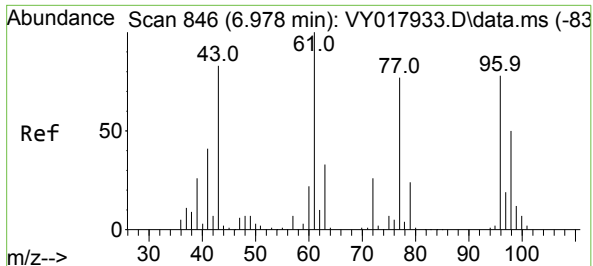
Tgt Ion: 77 Resp: 116016

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1

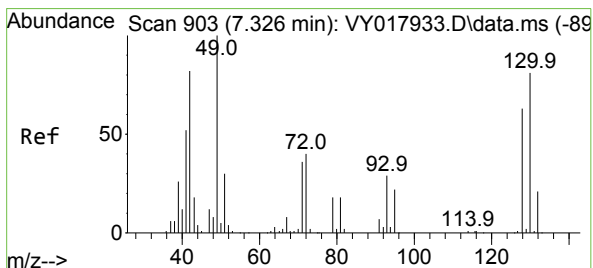
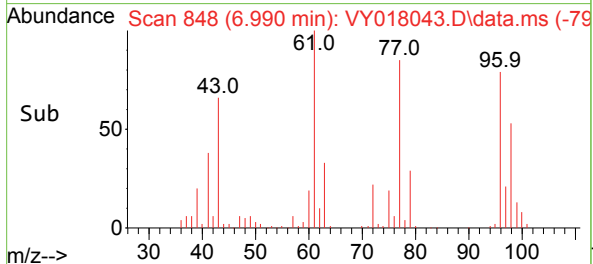
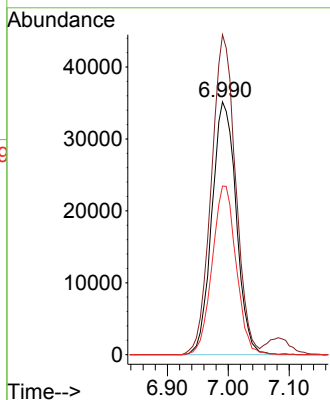
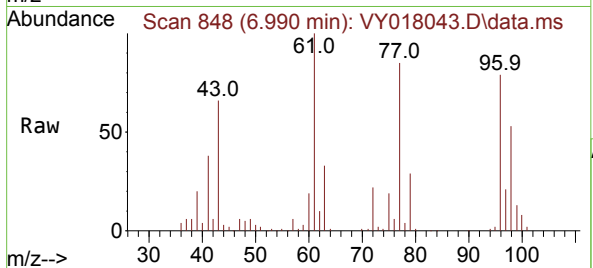




#27
 cis-1,2-Dichloroethene
 Concen: 20.685 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

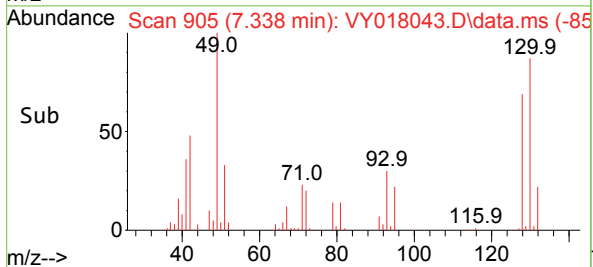
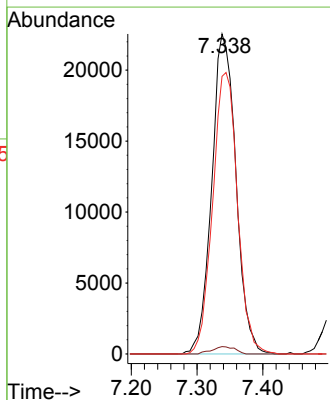
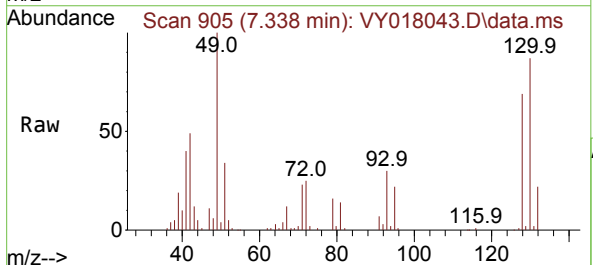
Instrument :
 MSVOA_Y
 ClientSampleId :

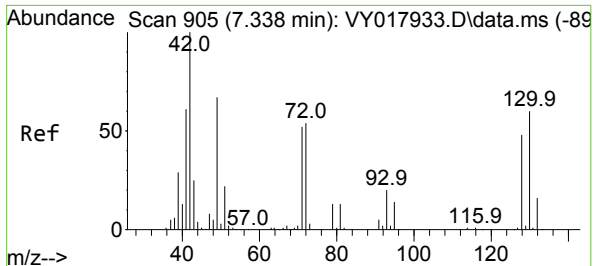
Tgt Ion: 96 Resp: 97414
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 256.2
 98 65.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.054 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

Tgt Ion: 49 Resp: 57747
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 90.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 91.903 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

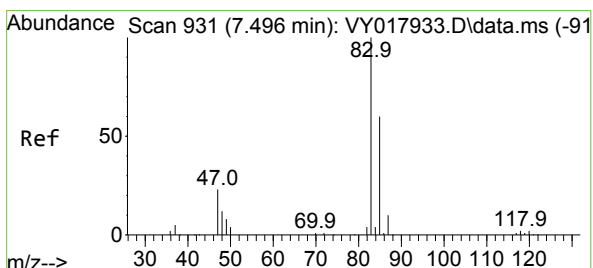
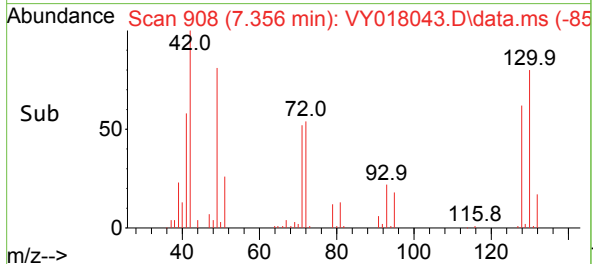
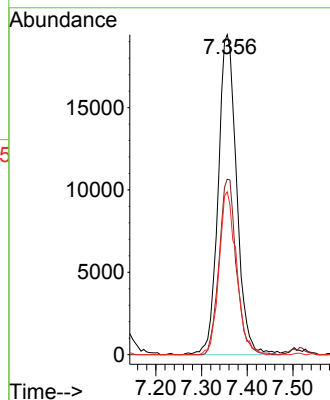
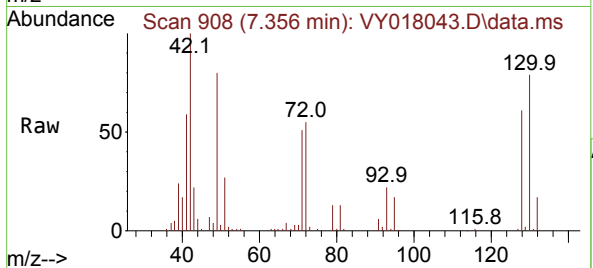
Tgt Ion: 42 Resp: 54659

Ion Ratio Lower Upper

42 100

72 51.6 43.0 64.4

71 48.3 40.8 61.2



#30

Chloroform

Concen: 20.492 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY018043.D

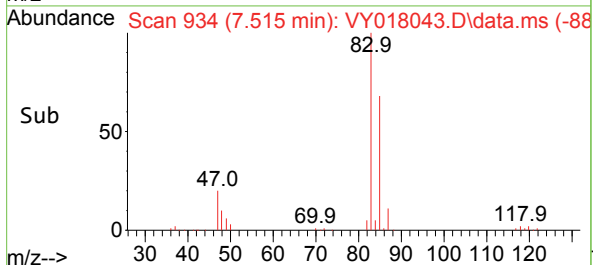
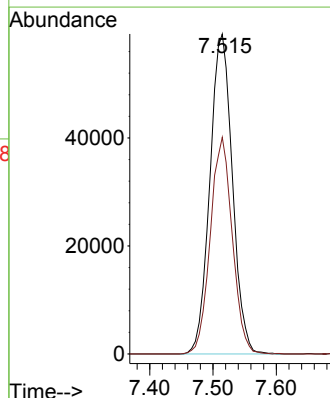
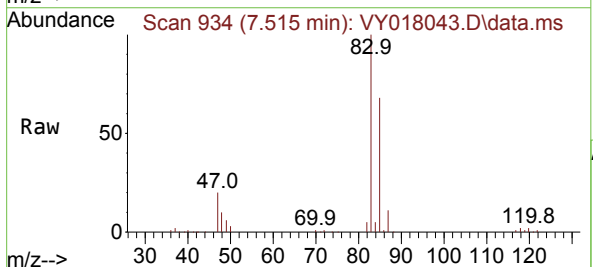
Acq: 25 Apr 2024 11:58

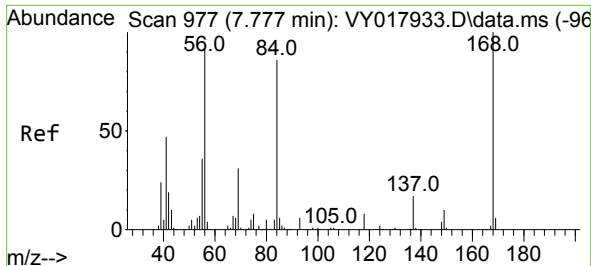
Tgt Ion: 83 Resp: 146028

Ion Ratio Lower Upper

83 100

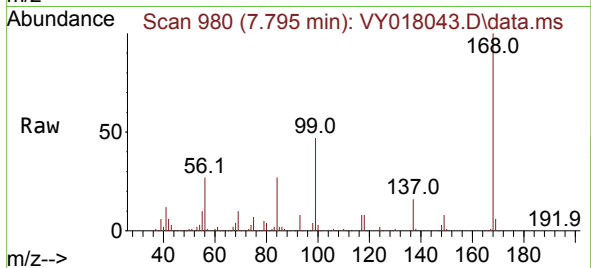
85 67.7 52.2 78.4



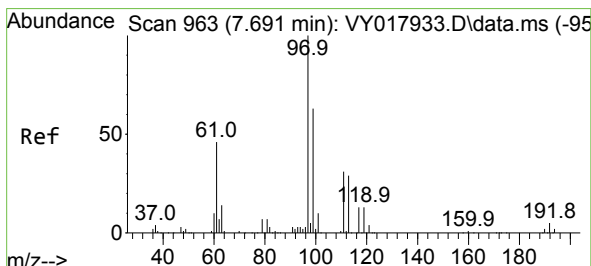
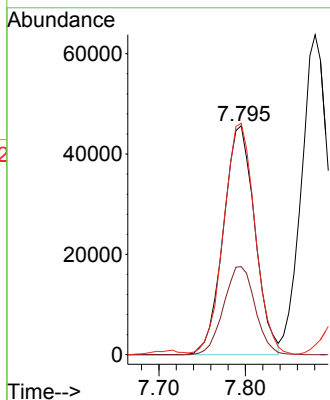
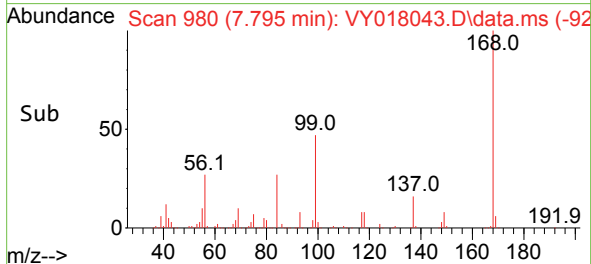


#31
Cyclohexane
Concen: 18.663 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

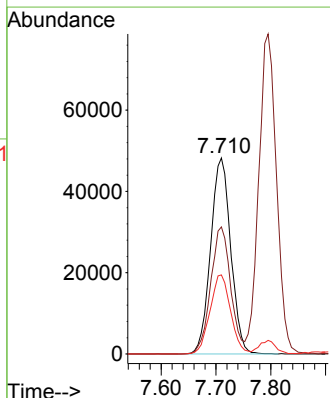
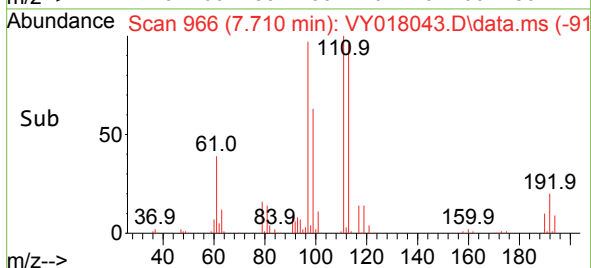
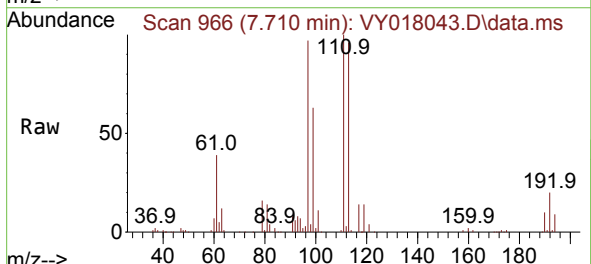


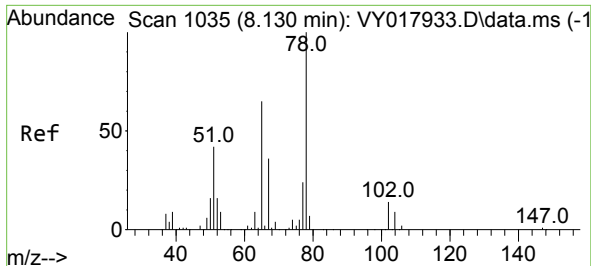
Tgt Ion: 56 Resp: 115111
Ion Ratio Lower Upper
56 100
69 38.4 28.7 43.1
84 100.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.677 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion: 97 Resp: 122727
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 41.4 32.6 48.8

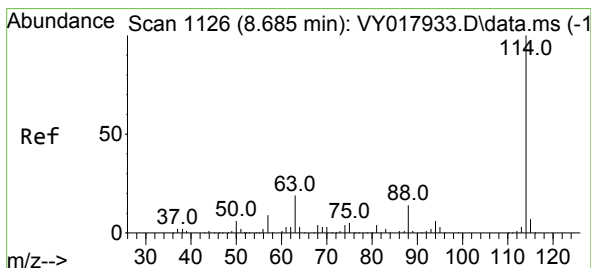
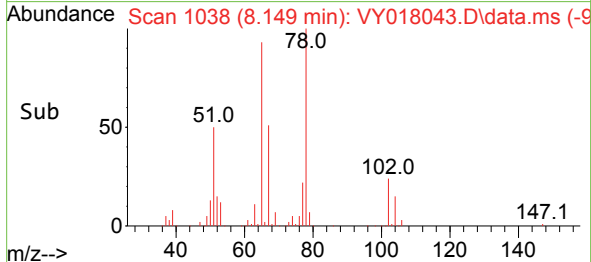
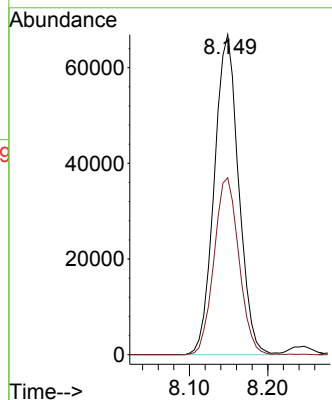
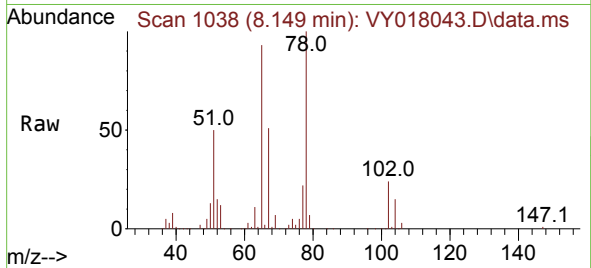




#33
1,2-Dichloroethane-d4
Concen: 44.869 ug/l
RT: 8.149 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

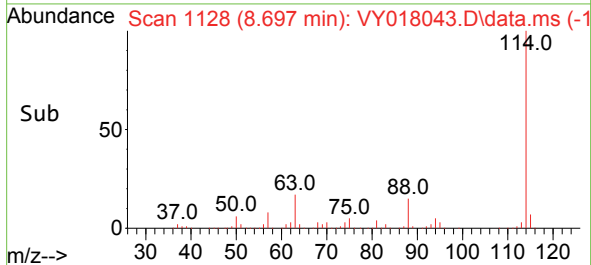
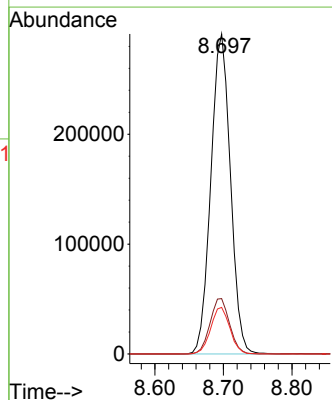
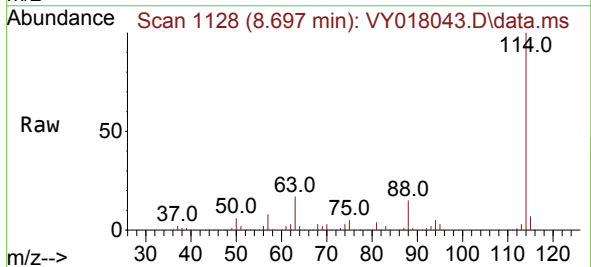
Instrument :
MSVOA_Y
ClientSampleId :

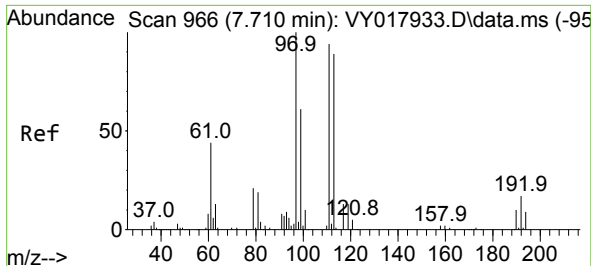
Tgt Ion: 65 Resp: 144789
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

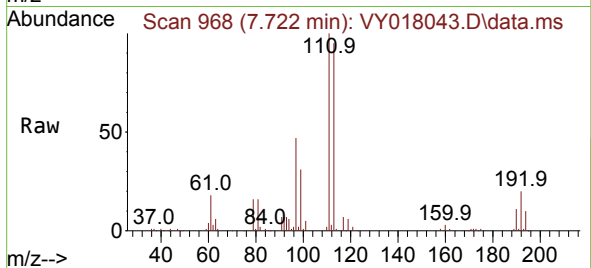
Tgt Ion:114 Resp: 576942
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.6 0.0 27.2



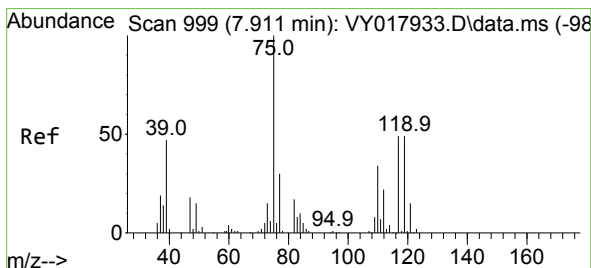
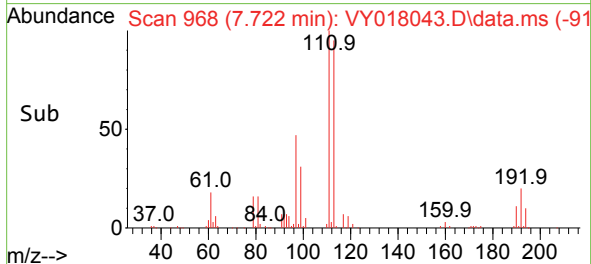
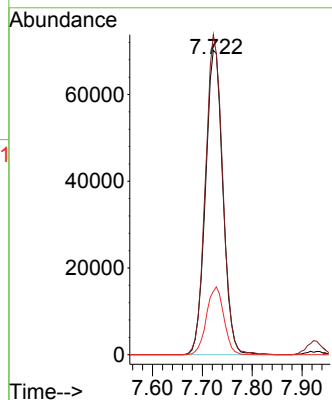


#35
Dibromofluoromethane
Concen: 47.918 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

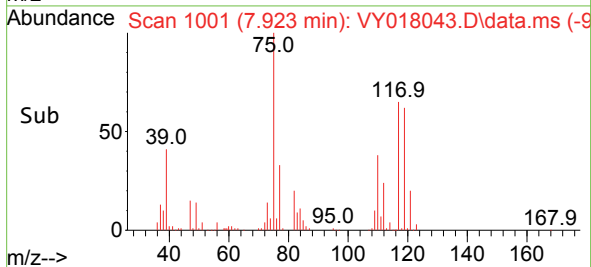
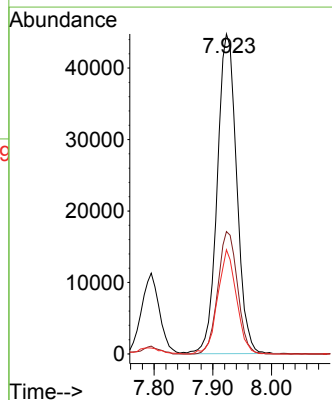
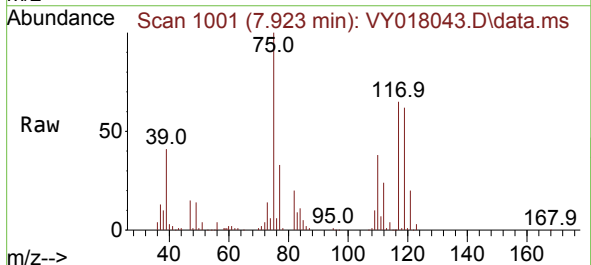


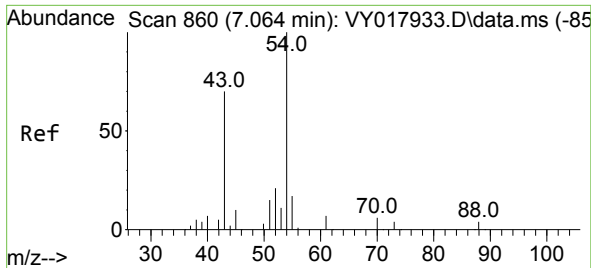
Tgt Ion:113 Resp: 170557
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 22.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.825 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

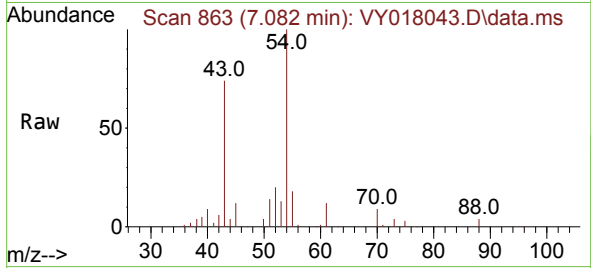
Tgt Ion: 75 Resp: 102622
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 31.5 25.3 37.9



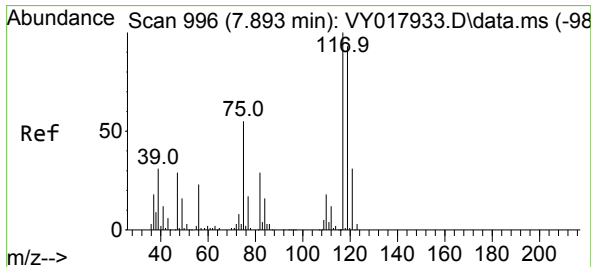
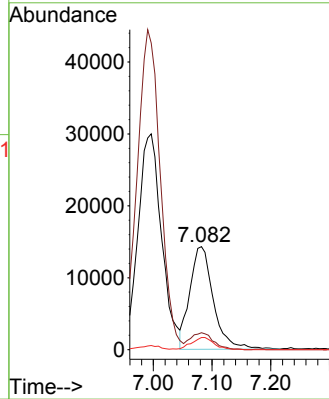
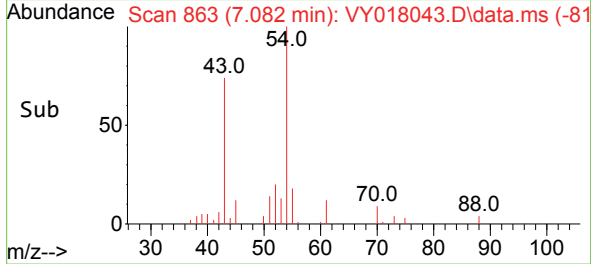


#37
Ethyl Acetate
Concen: 18.625 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

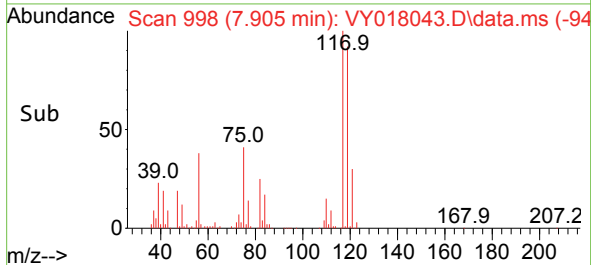
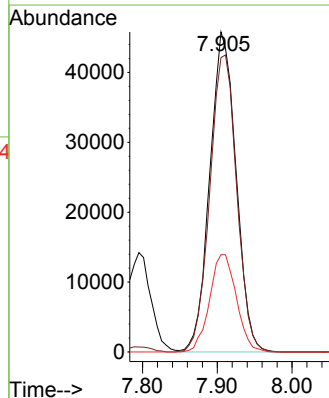
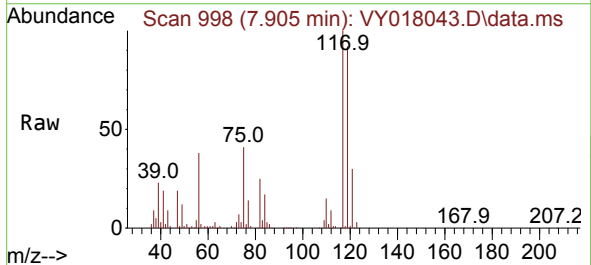


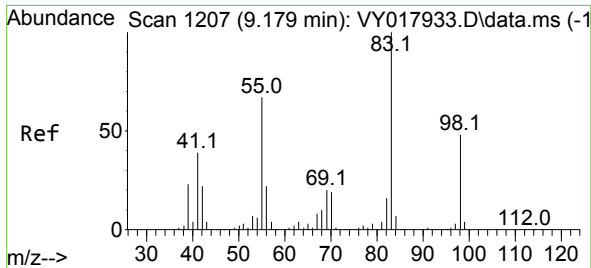
Tgt Ion:	43	Resp:	39665
Ion Ratio	Lower	Upper	
43	100		
61	16.2	12.6	19.0
70	11.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 21.382 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion:	117	Resp:	111822
Ion Ratio	Lower	Upper	
117	100		
119	92.0	75.8	113.6
121	30.4	24.0	36.0

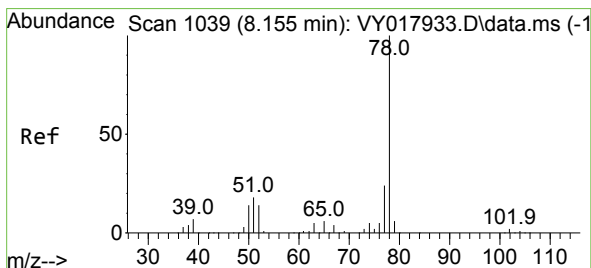
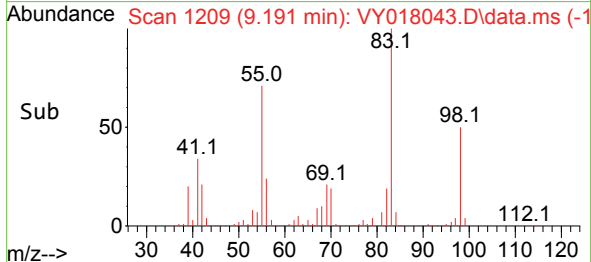
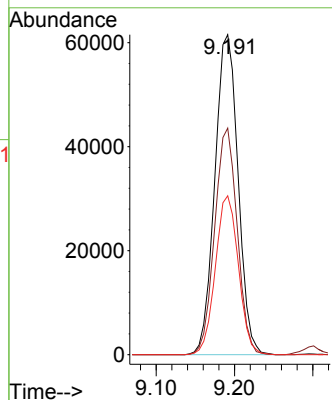
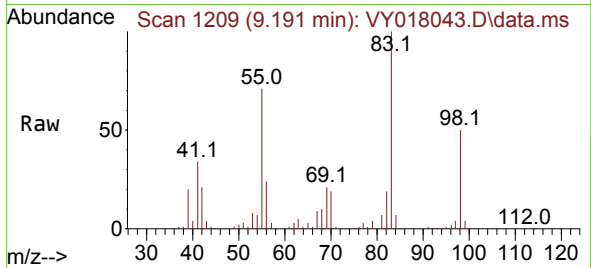




#39
Methylcyclohexane
Concen: 18.825 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

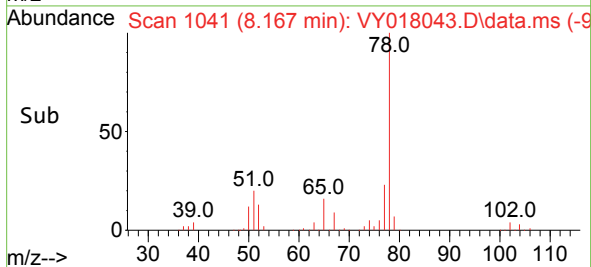
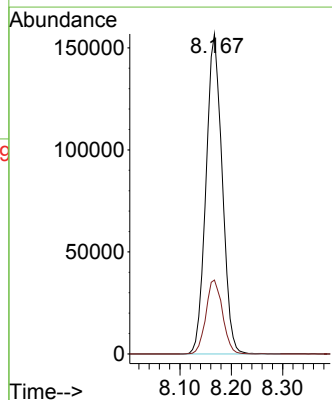
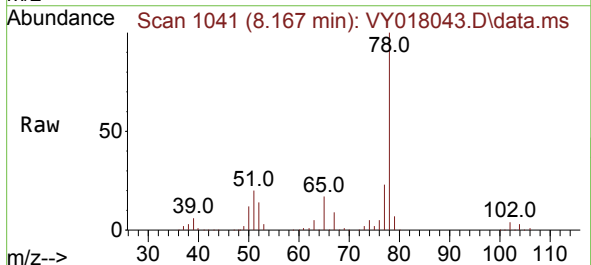
Instrument :
MSVOA_Y
ClientSampleId :

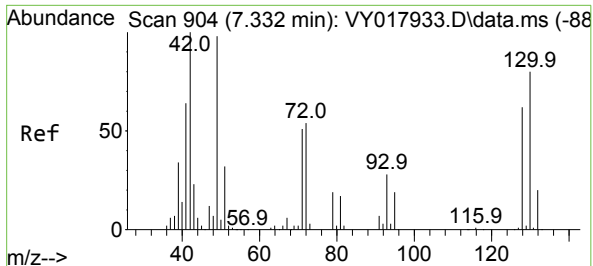
Tgt Ion: 83 Resp: 126987
Ion Ratio Lower Upper
83 100
55 70.8 51.5 77.3
98 49.6 40.5 60.7



#40
Benzene
Concen: 21.086 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

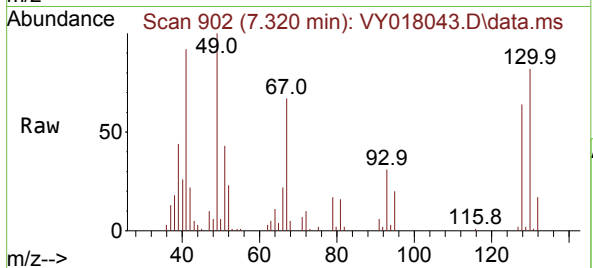
Tgt Ion: 78 Resp: 341894
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3



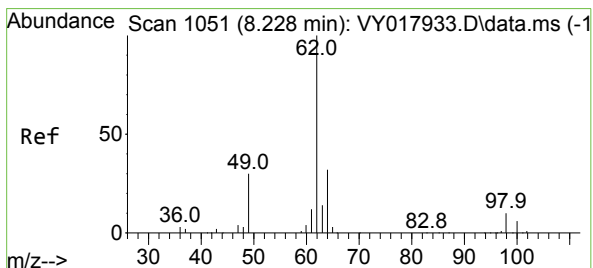
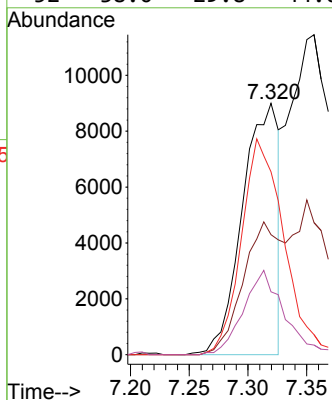
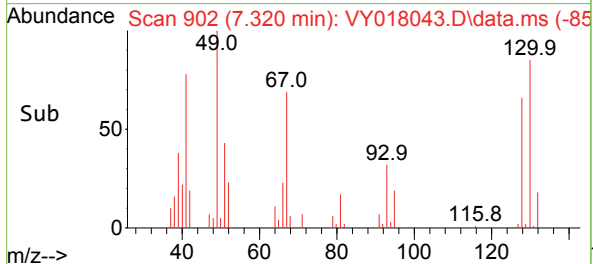


#41
Methacrylonitrile
Concen: 14.415 ug/l
RT: 7.320 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

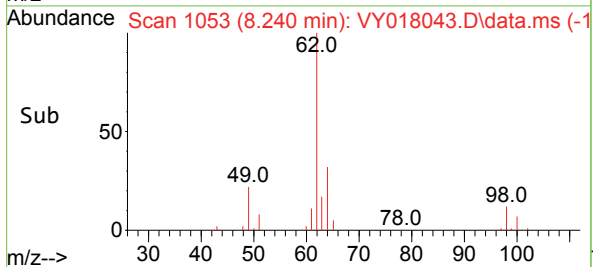
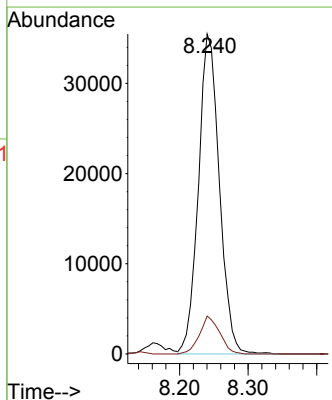
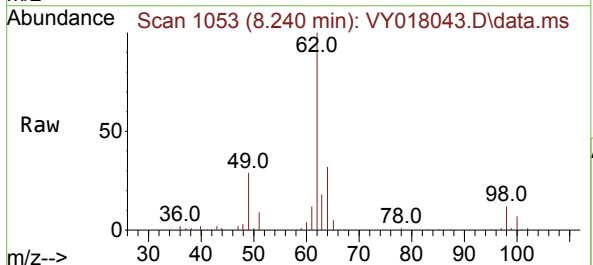


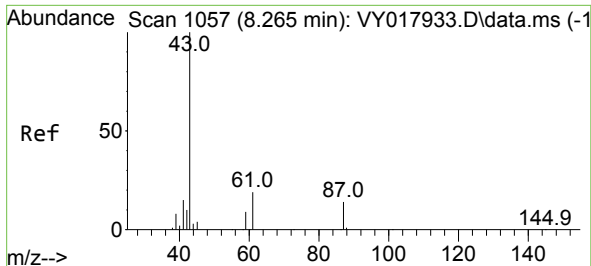
Tgt Ion:	41	Resp:	19371
Ion	Ratio	Lower	Upper
41	100		
39	58.3	48.0	72.0
67	100.8	75.1	112.7
52	38.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.346 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

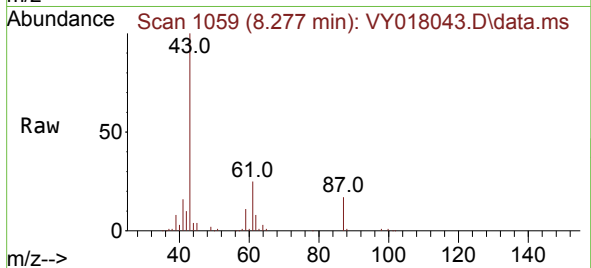
Tgt Ion:	62	Resp:	75589
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0



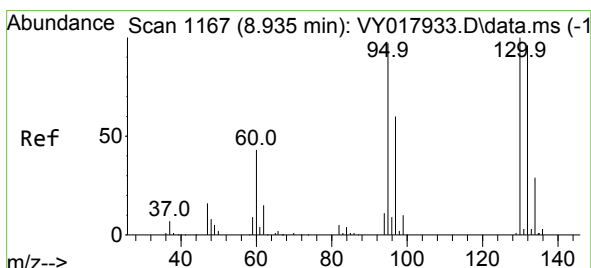
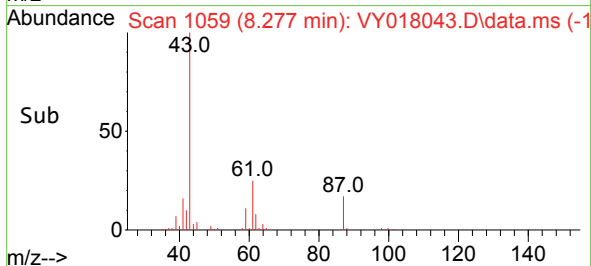
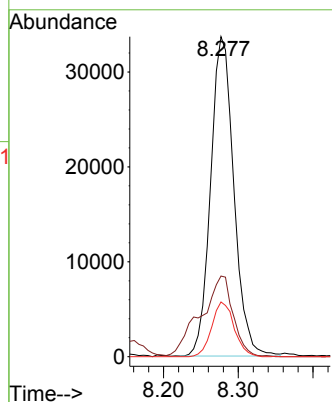


#43
Isopropyl Acetate
Concen: 18.330 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

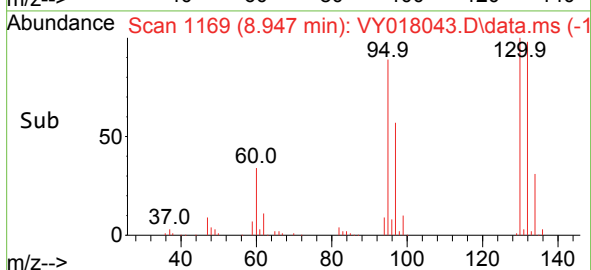
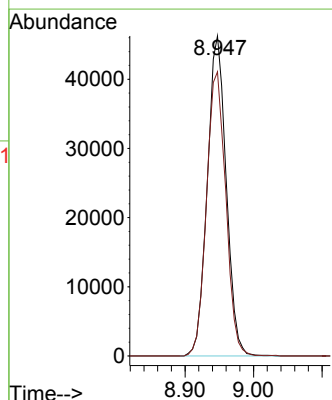
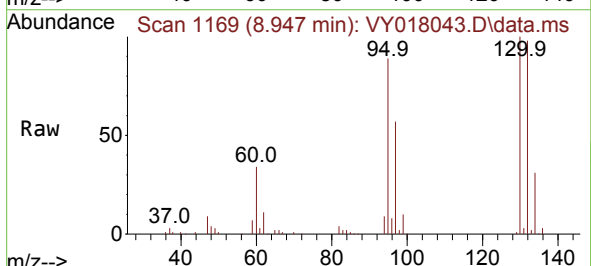


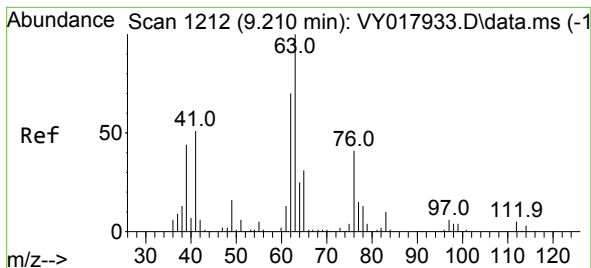
Tgt Ion	Ratio	Lower	Upper
43	100		
61	35.4	27.9	41.9
87	16.6	13.1	19.7



#44
Trichloroethene
Concen: 21.538 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 21.109 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

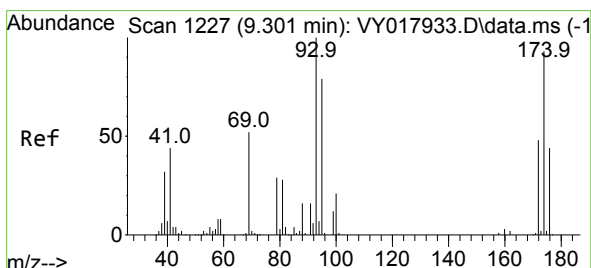
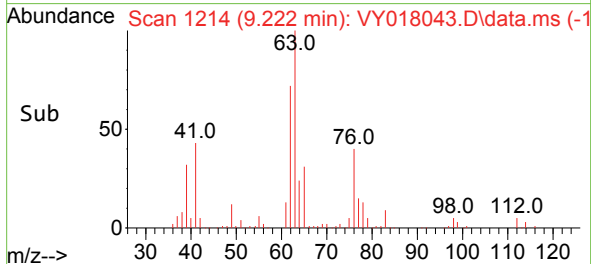
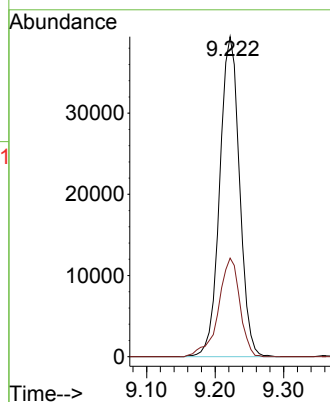
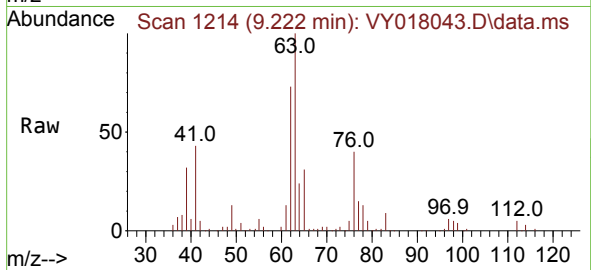
ClientSampleId :

Tgt Ion: 63 Resp: 78786

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 20.318 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

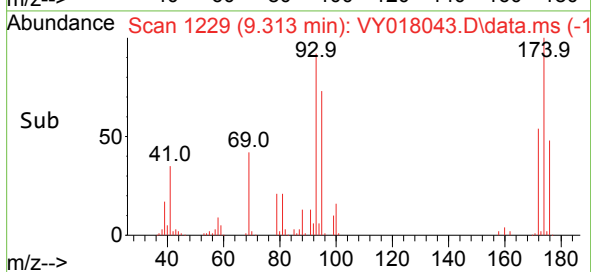
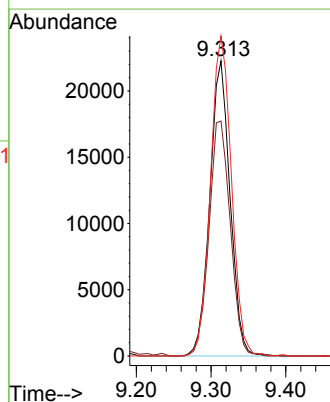
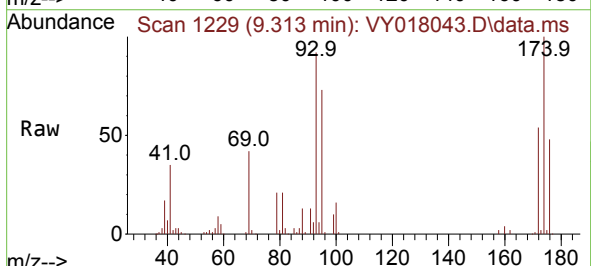
Tgt Ion: 93 Resp: 41948

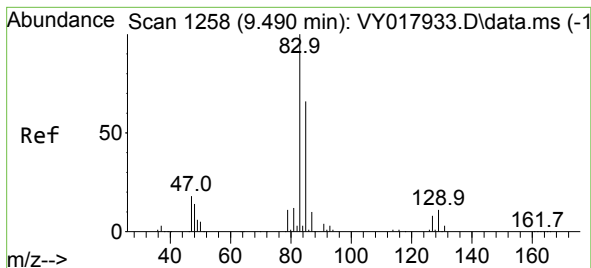
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 111.8 80.9 121.3





#47

Bromodichloromethane

Concen: 21.376 ug/l

RT: 9.502 min Scan# 110718

Delta R.T. 0.006 min

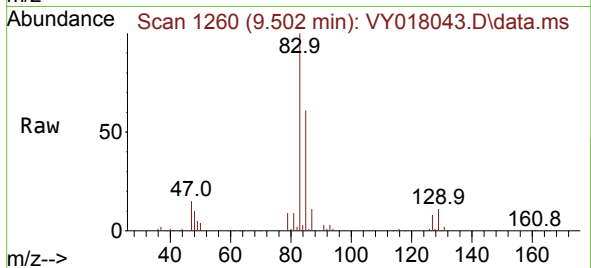
Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :



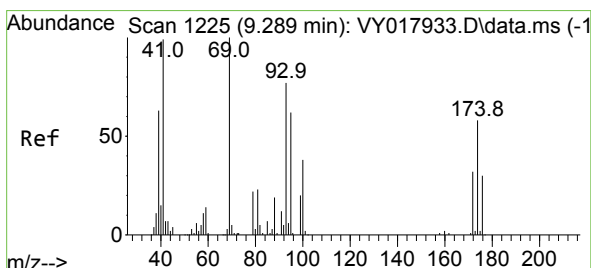
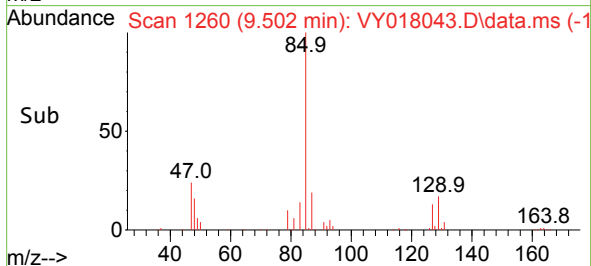
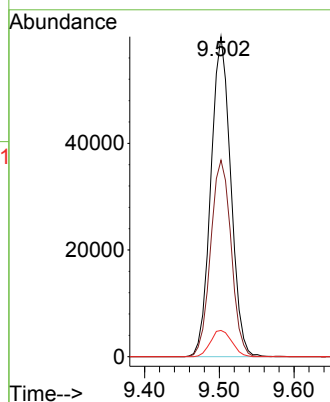
Tgt Ion: 83 Resp: 110718

Ion Ratio Lower Upper

83 100

85 61.4 50.1 75.1

127 8.2 7.4 11.0



#48

Methyl methacrylate

Concen: 18.580 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

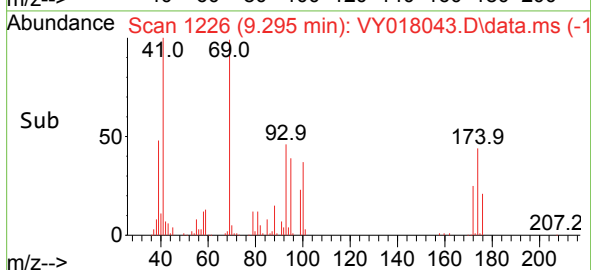
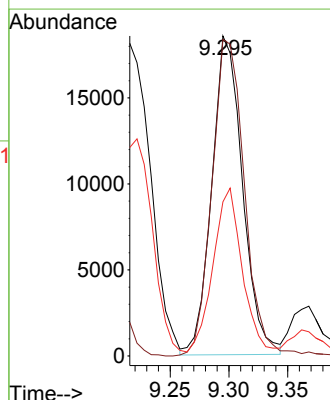
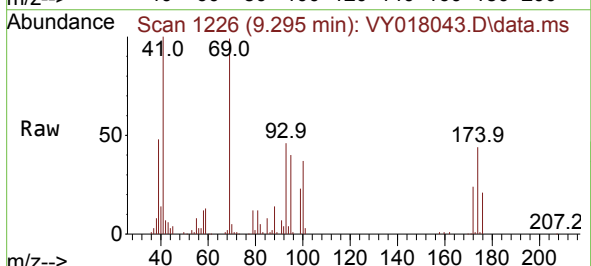
Tgt Ion: 41 Resp: 33799

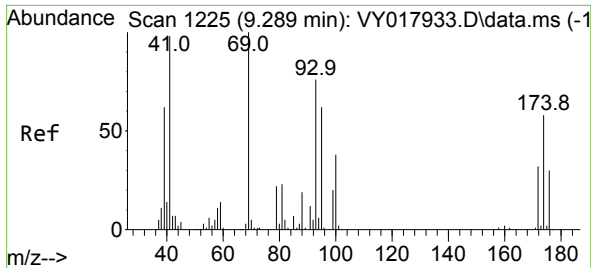
Ion Ratio Lower Upper

41 100

69 105.4 84.1 126.1

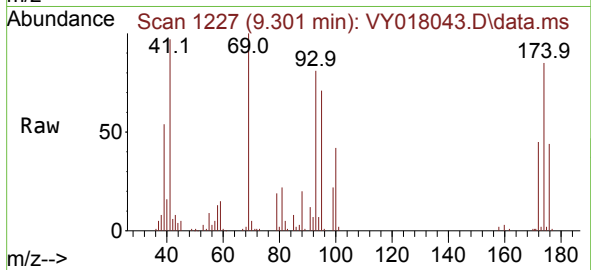
39 49.1 43.6 65.4



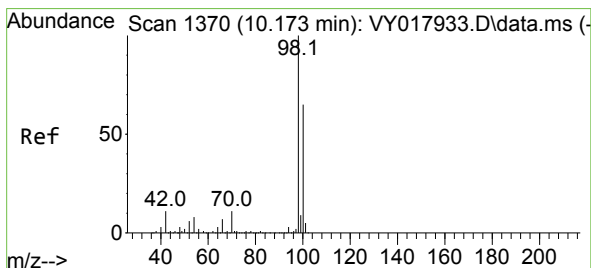
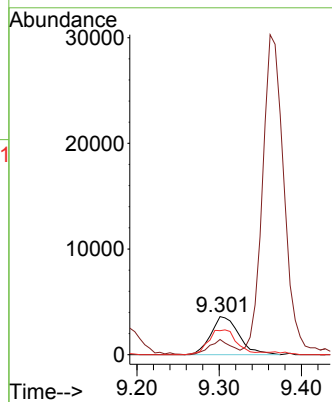
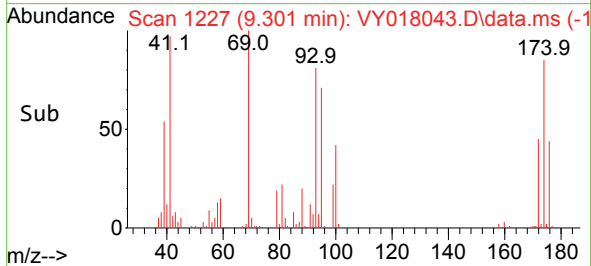


#49
1,4-Dioxane
Concen: 364.468 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

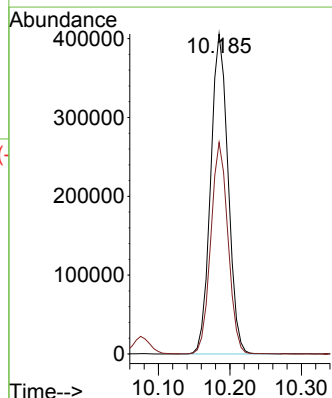
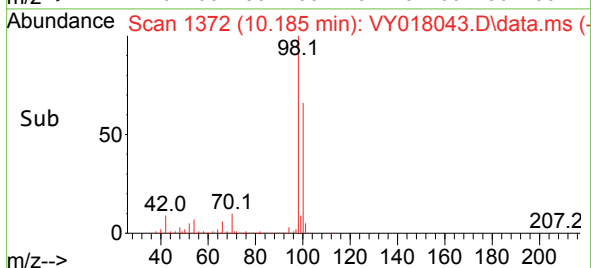
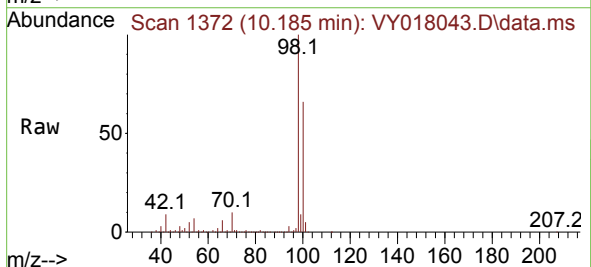


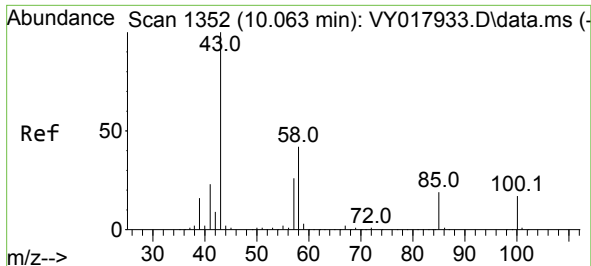
Tgt Ion: 88 Resp: 8590
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0#
58 66.9 49.3 73.9



#50
Toluene-d8
Concen: 50.853 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion: 98 Resp: 686822
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

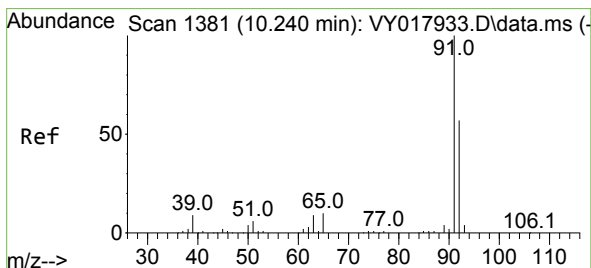
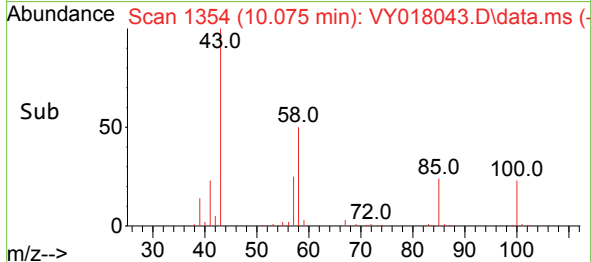
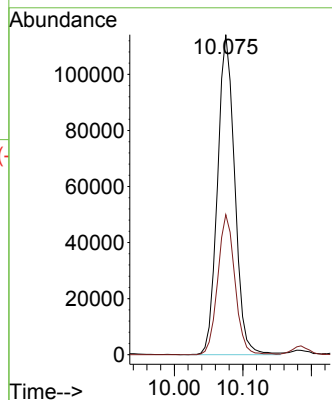
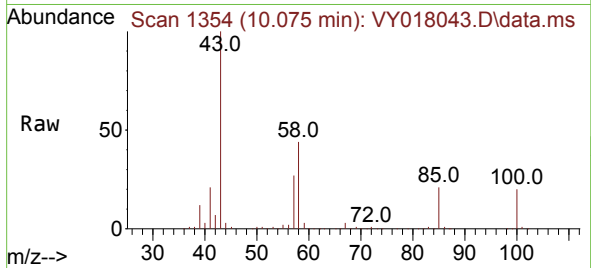




#51
4-Methyl-2-Pentanone
Concen: 94.333 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

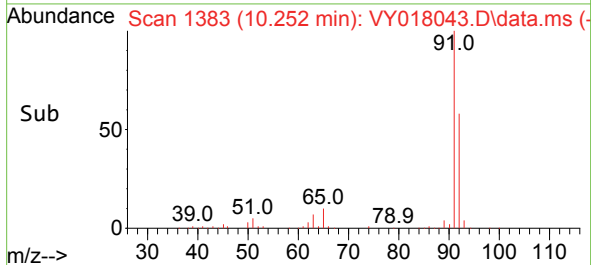
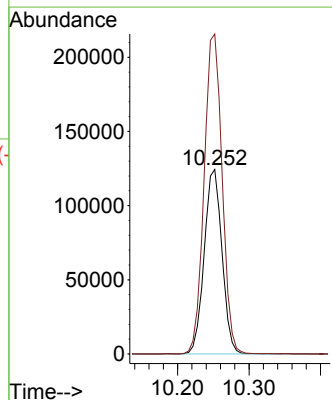
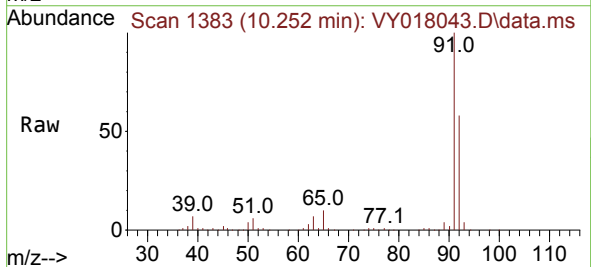
Instrument :
MSVOA_Y
ClientSampleId :

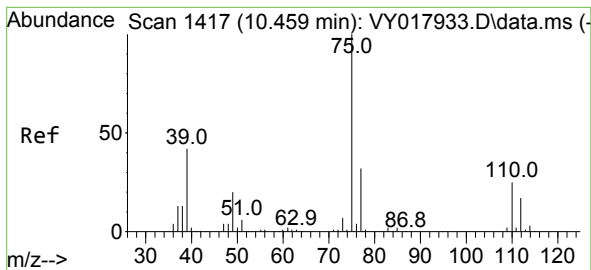
Tgt Ion: 43 Resp: 198527
Ion Ratio Lower Upper
43 100
58 43.6 35.7 53.5



#52
Toluene
Concen: 21.584 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion: 92 Resp: 214750
Ion Ratio Lower Upper
92 100
91 175.6 139.0 208.6

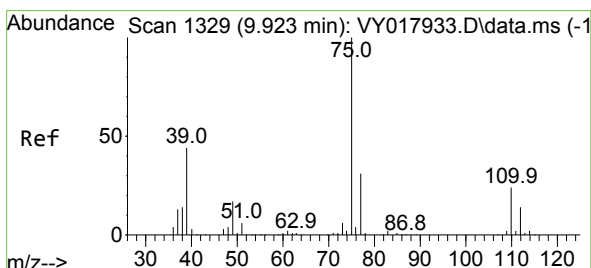
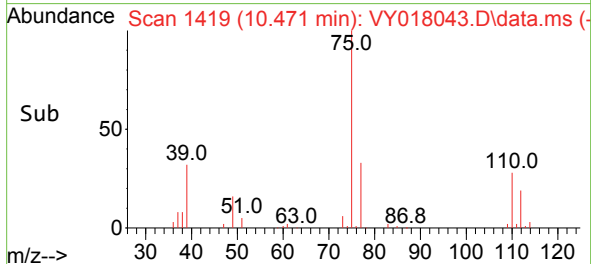
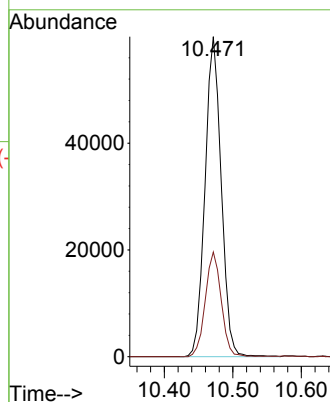
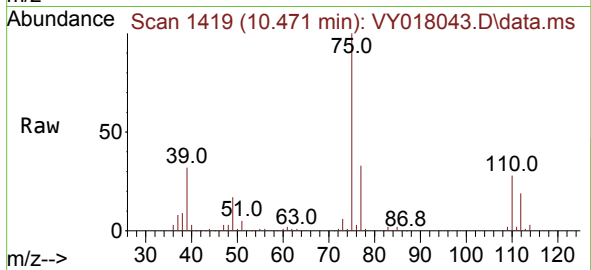




#53
 t-1,3-Dichloropropene
 Concen: 20.827 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

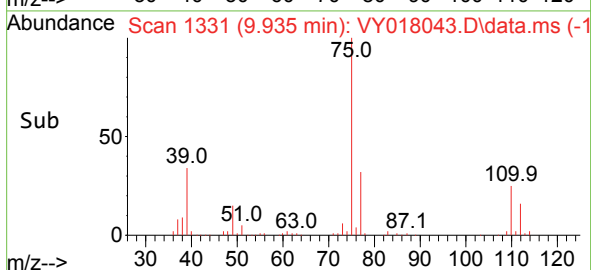
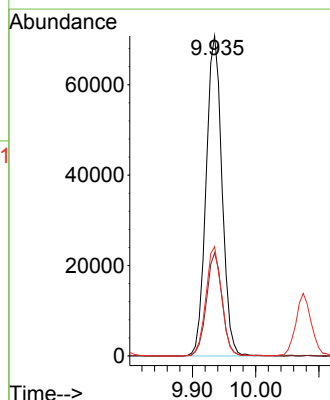
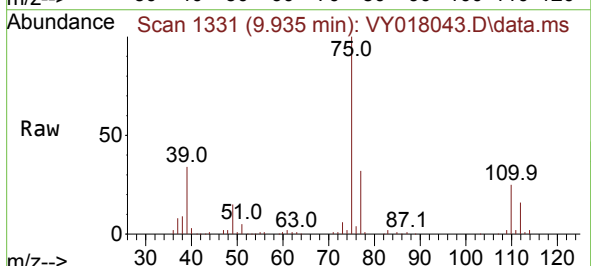
Instrument :
 MSVOA_Y
 ClientSampleId :

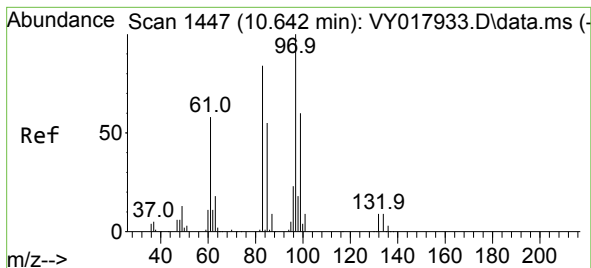
Tgt Ion: 75 Resp: 98484
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.293 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

Tgt Ion: 75 Resp: 123688
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 34.1 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.026 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 59008

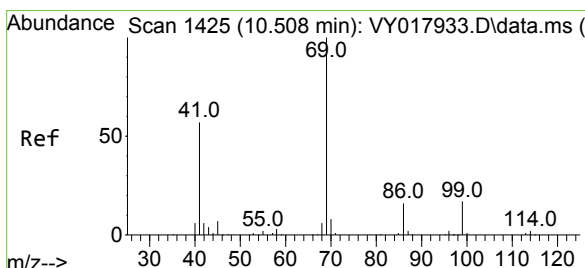
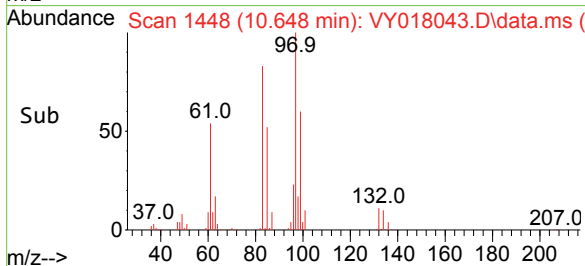
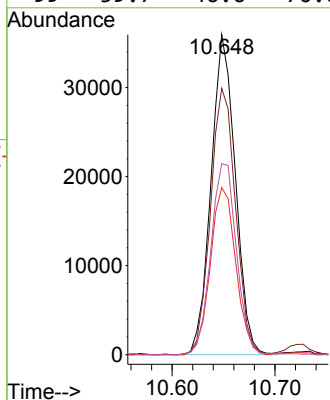
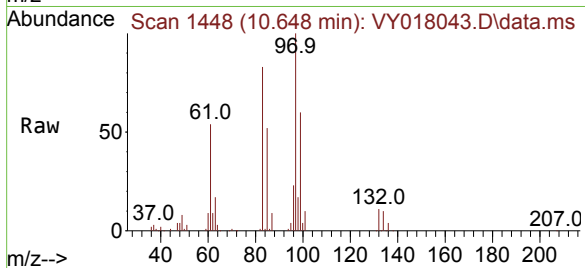
Ion Ratio Lower Upper

97 100

83 83.2 67.5 101.3

85 52.2 42.9 64.3

99 59.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.431 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

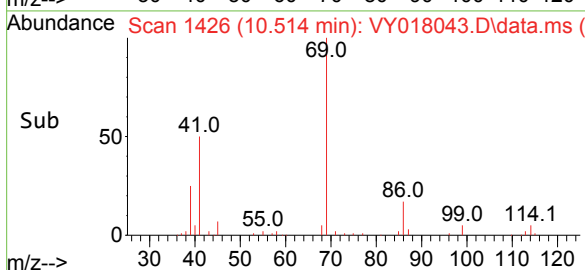
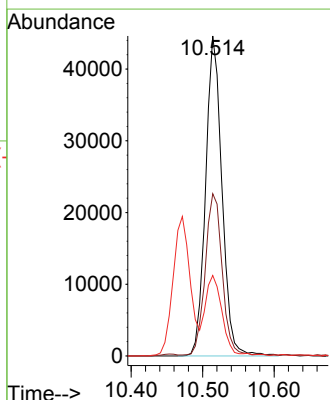
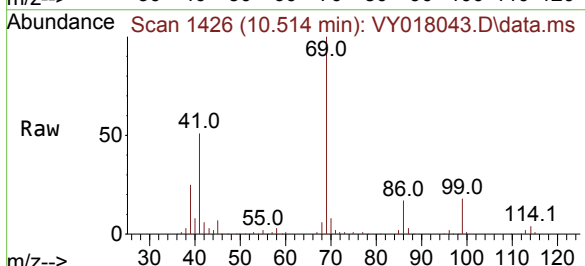
Tgt Ion: 69 Resp: 71094

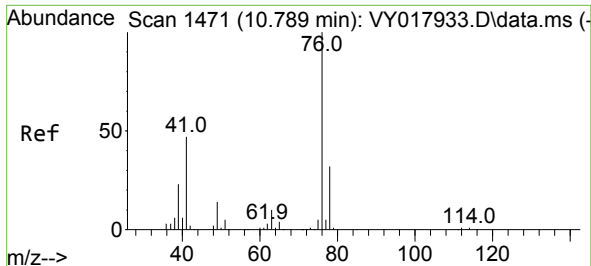
Ion Ratio Lower Upper

69 100

41 52.2 42.3 63.5

39 25.5 22.9 34.3





#57

1,3-Dichloropropane

Concen: 20.911 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

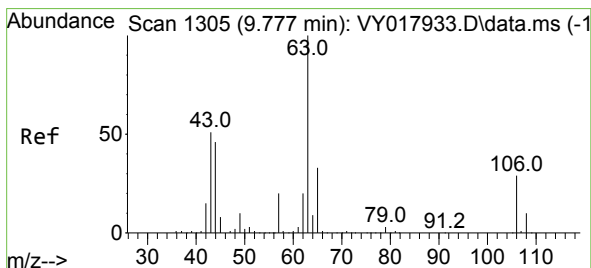
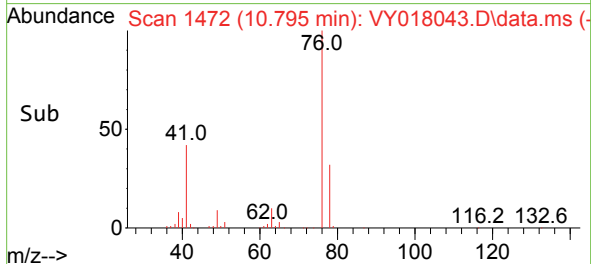
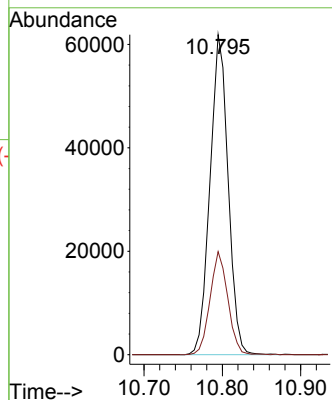
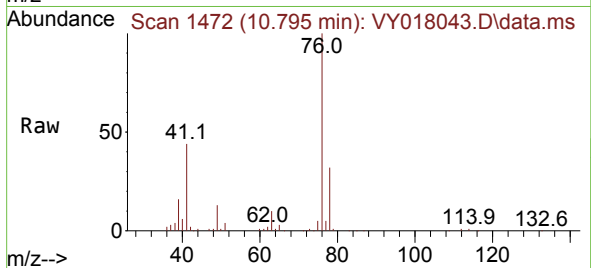
ClientSampleId :

Tgt Ion: 76 Resp: 99372

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.006 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY018043.D

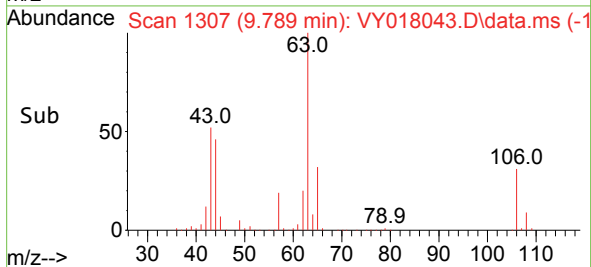
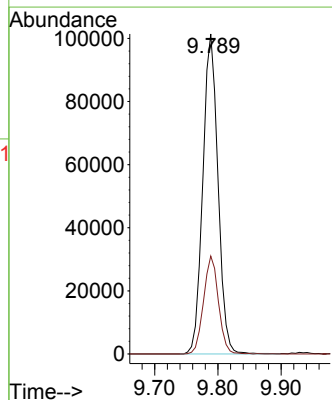
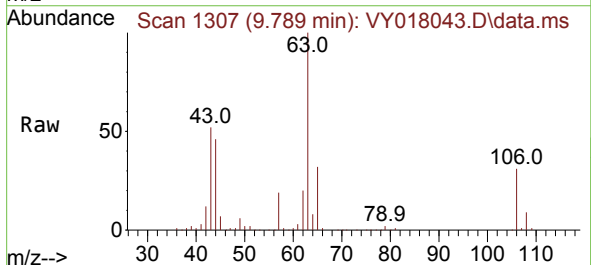
Acq: 25 Apr 2024 11:58

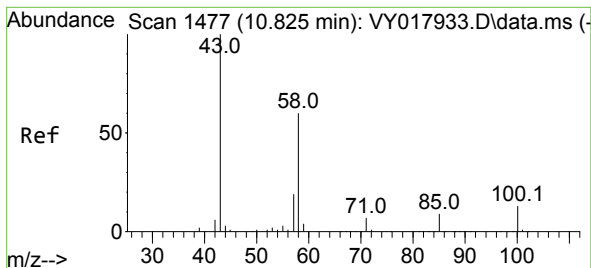
Tgt Ion: 63 Resp: 169275

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5





#59

2-Hexanone

Concen: 93.936 ug/l

RT: 10.837 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

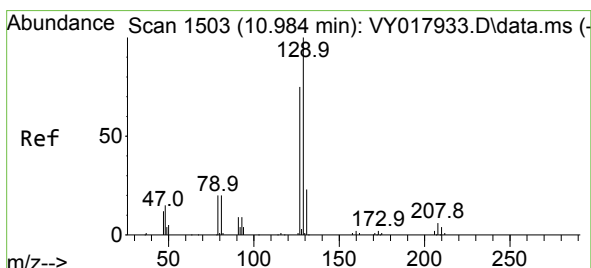
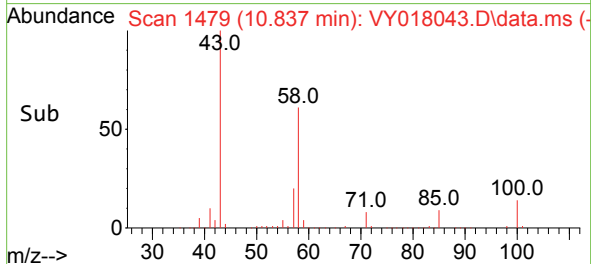
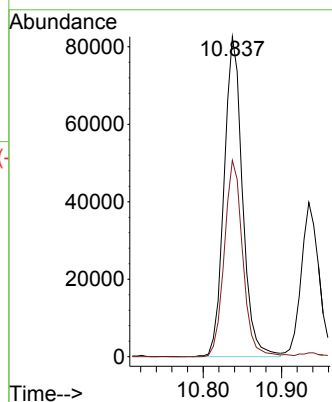
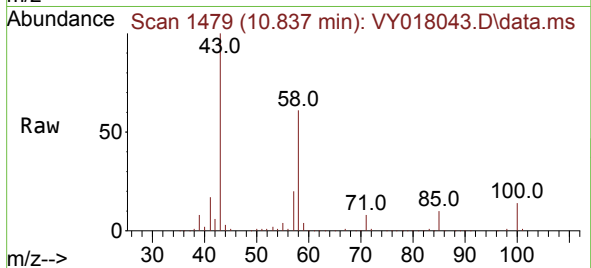
ClientSampleId :

Tgt Ion: 43 Resp: 134950

Ion Ratio Lower Upper

43 100

58 61.5 31.4 94.0



#60

Dibromochloromethane

Concen: 21.867 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY018043.D

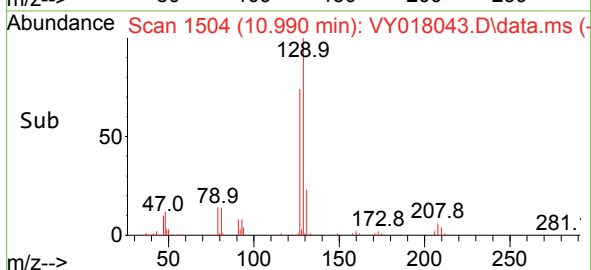
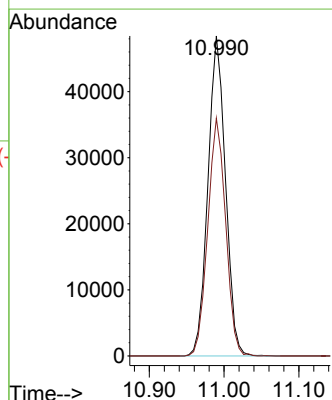
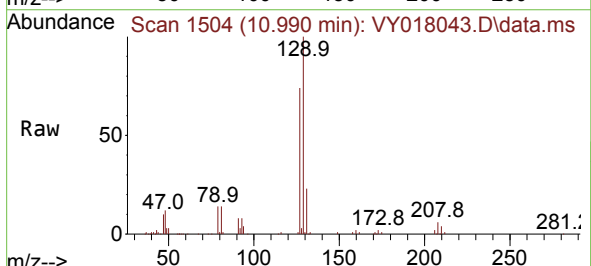
Acq: 25 Apr 2024 11:58

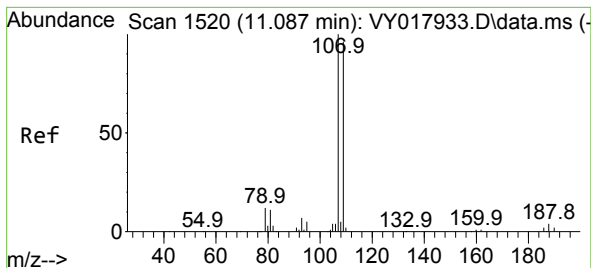
Tgt Ion: 129 Resp: 78872

Ion Ratio Lower Upper

129 100

127 75.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.688 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

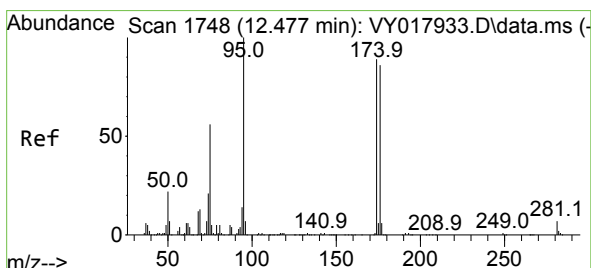
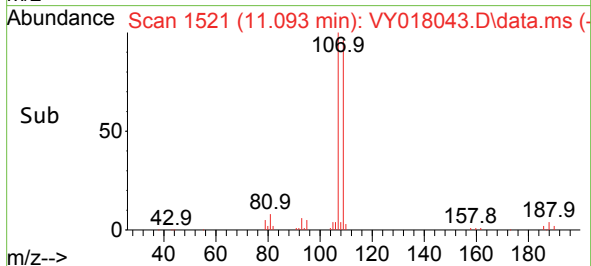
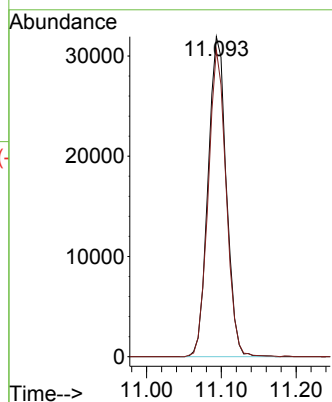
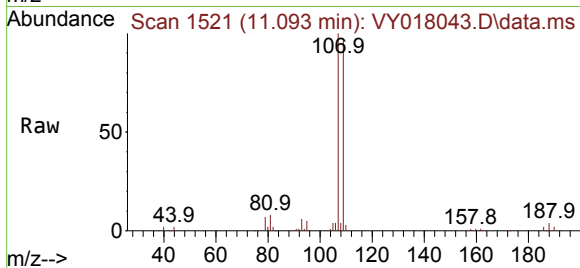
ClientSampleId :

Tgt Ion:107 Resp: 54111

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.913 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

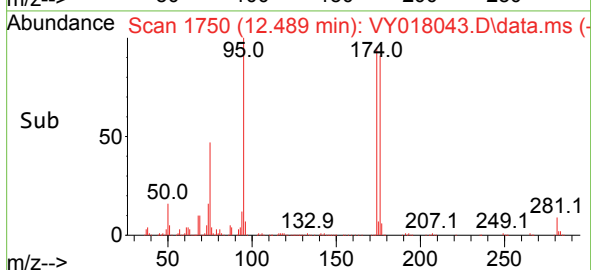
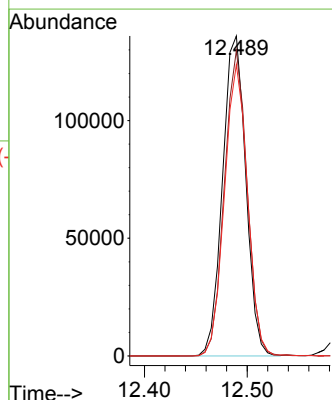
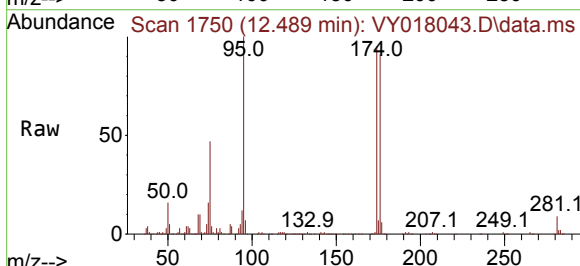
Tgt Ion: 95 Resp: 212963

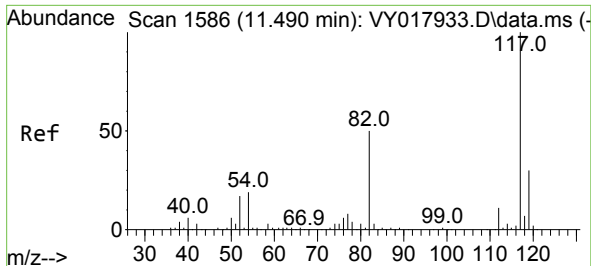
Ion Ratio Lower Upper

95 100

174 93.5 0.0 175.6

176 90.6 0.0 171.4

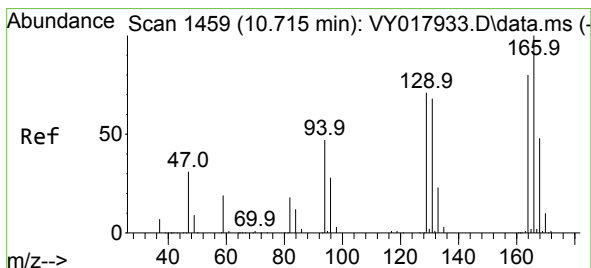
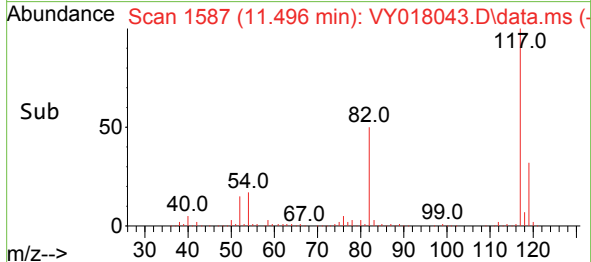
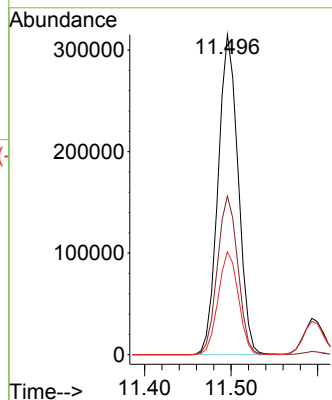
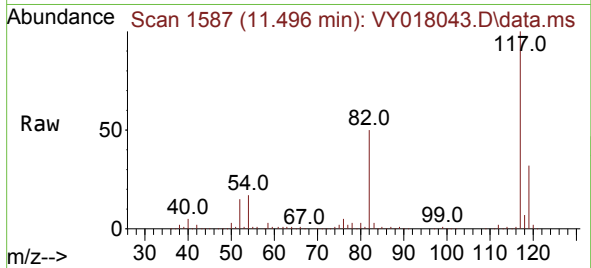




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

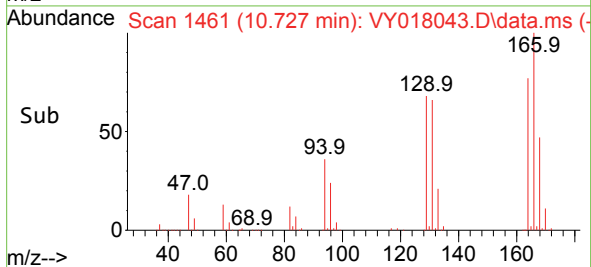
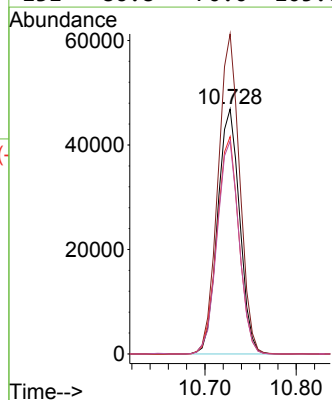
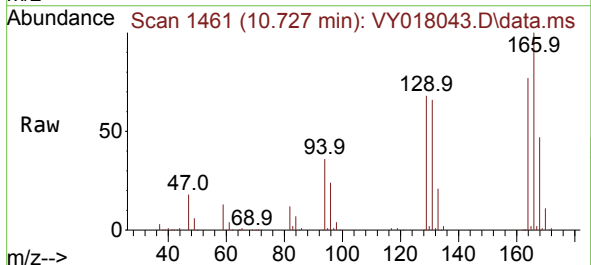
Instrument :
MSVOA_Y
ClientSampleId :

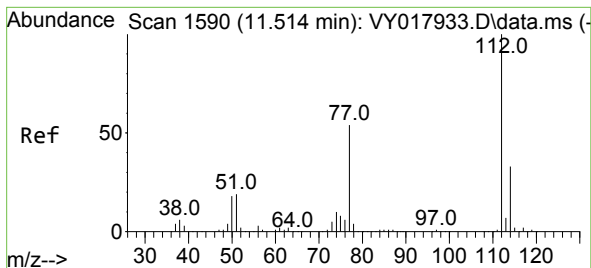
Tgt Ion:117 Resp: 507365
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 21.547 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion:164 Resp: 78314
Ion Ratio Lower Upper
164 100
166 130.6 102.6 154.0
129 88.7 72.0 108.0
131 86.8 70.0 105.0





#65

Chlorobenzene

Concen: 21.800 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

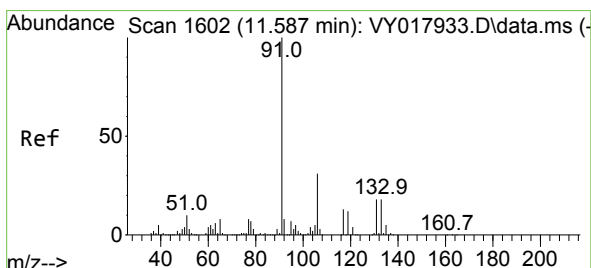
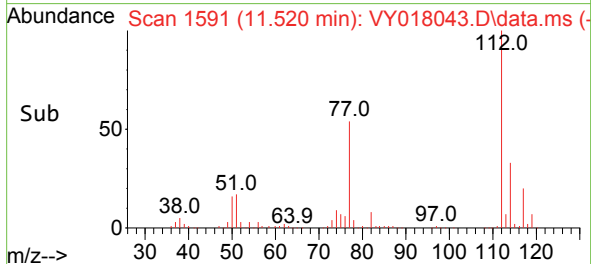
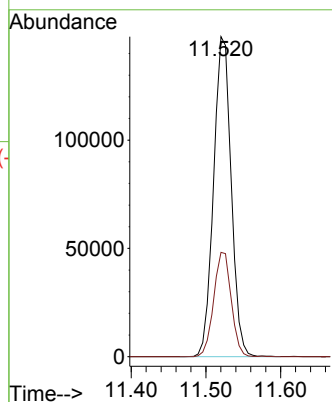
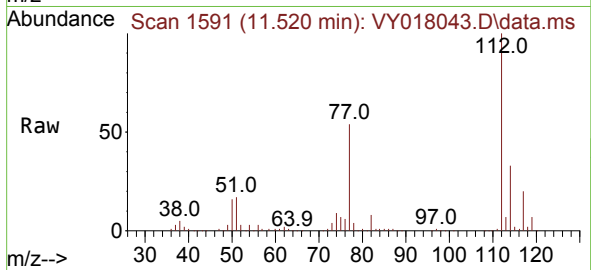
ClientSampleId :

Tgt Ion:112 Resp: 242411

Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.384 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

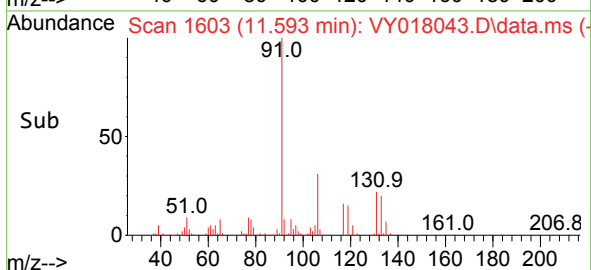
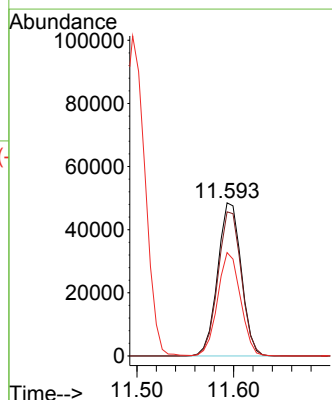
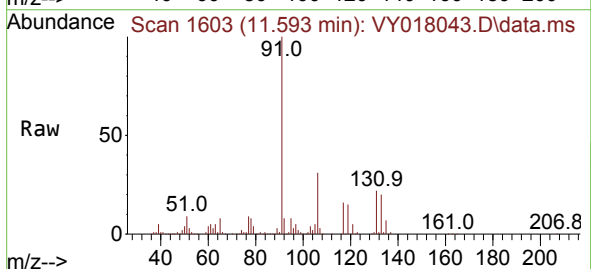
Tgt Ion:131 Resp: 82075

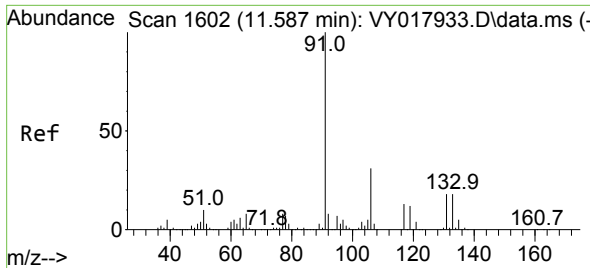
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.3

119 65.8 34.1 102.2

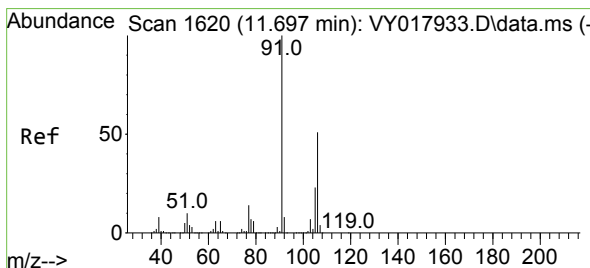
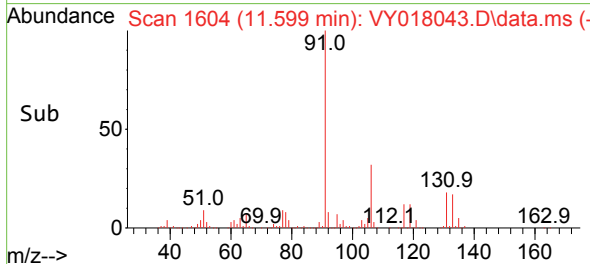
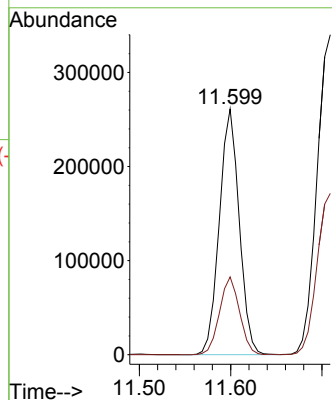
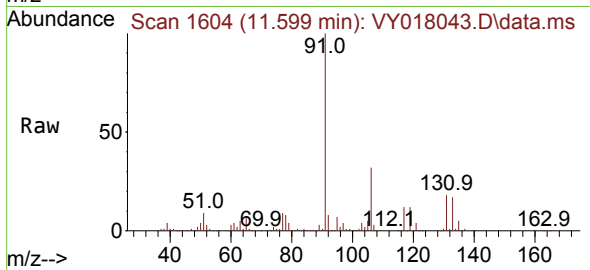




#67
Ethyl Benzene
Concen: 21.103 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

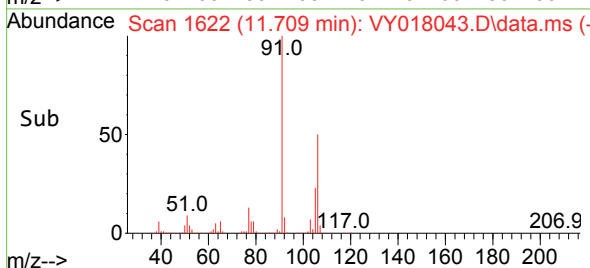
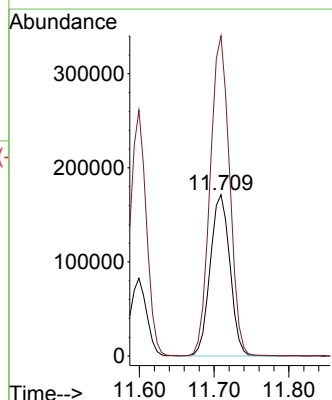
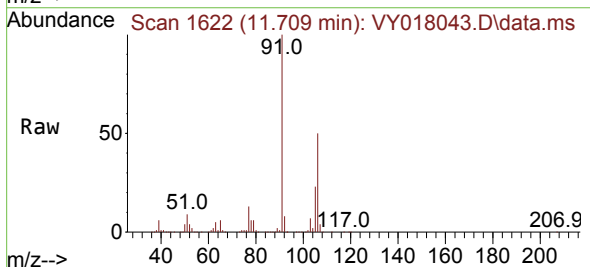
Instrument :
MSVOA_Y
ClientSampleId :

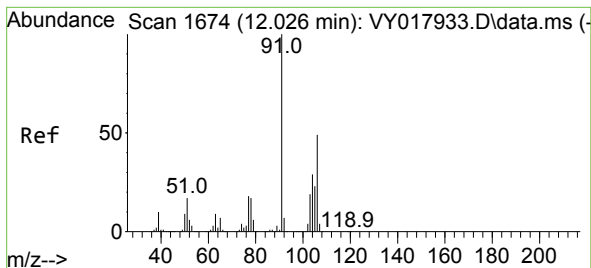
Tgt Ion: 91 Resp: 395109
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 43.592 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion:106 Resp: 313475
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0





#69

o-Xylene

Concen: 21.720 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

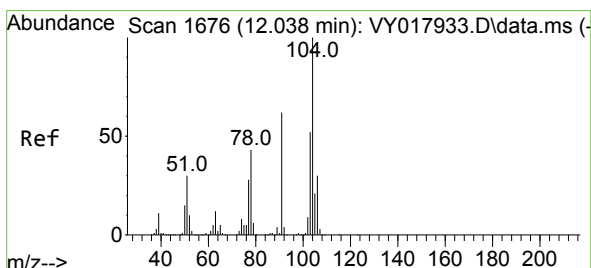
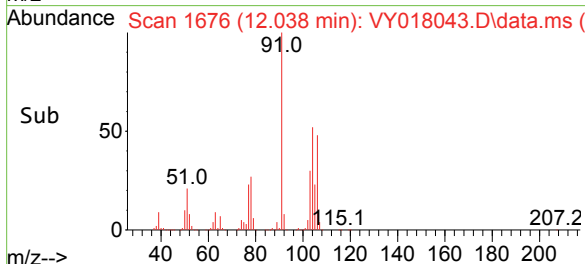
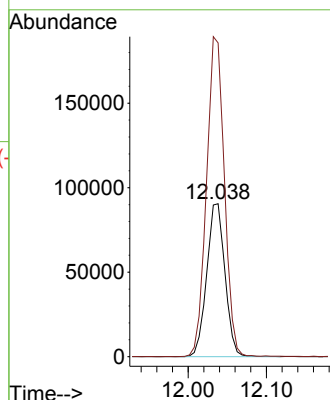
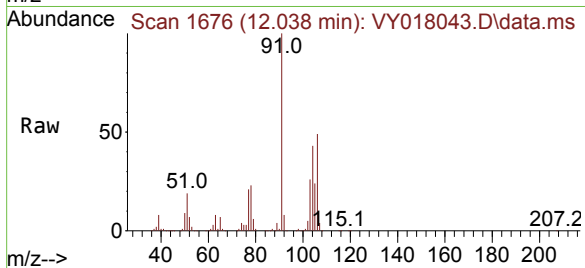
ClientSampleId :

Tgt Ion:106 Resp: 145861

Ion Ratio Lower Upper

106 100

91 205.7 103.6 310.8



#70

Styrene

Concen: 22.048 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

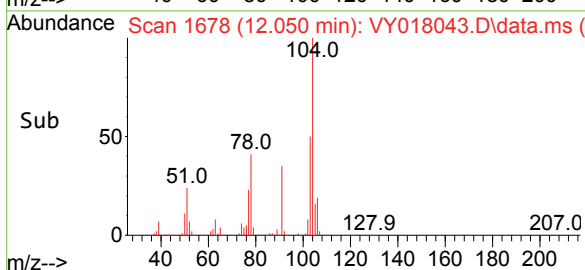
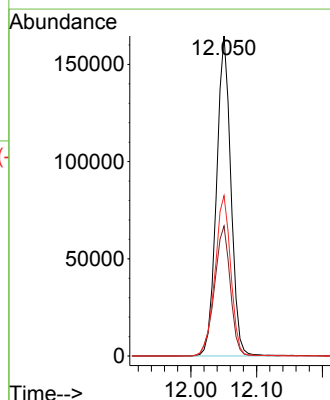
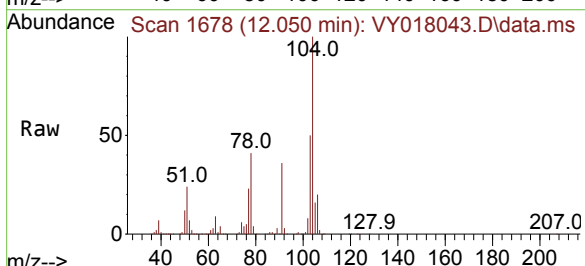
Tgt Ion:104 Resp: 250245

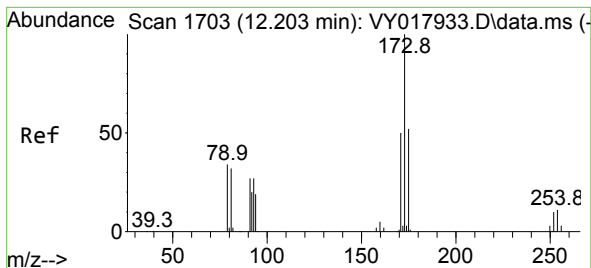
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 21.641 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

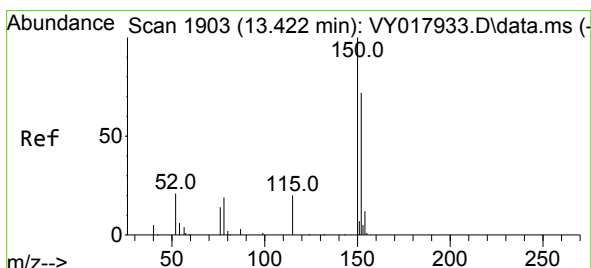
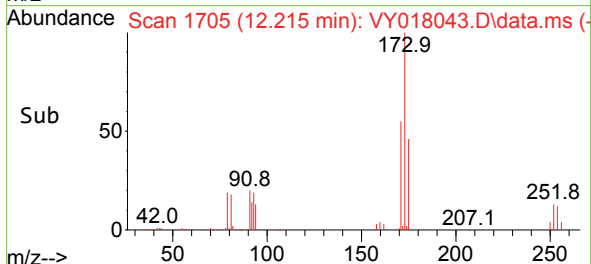
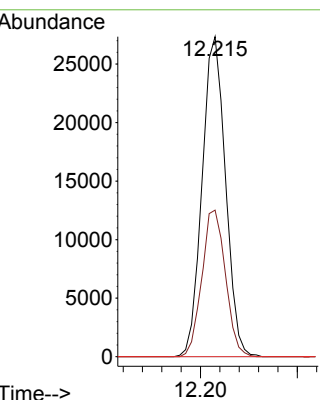
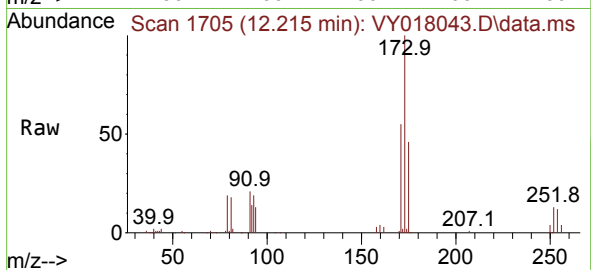
Tgt Ion:173 Resp: 45846

Ion Ratio Lower Upper

173 100

175 46.2 25.1 75.3

254 0.0 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: VY018043.D

Acq: 25 Apr 2024 11:58

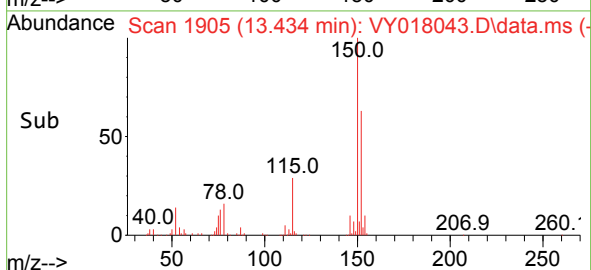
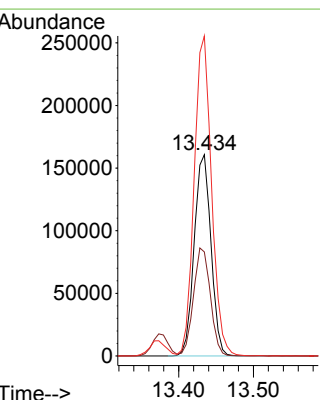
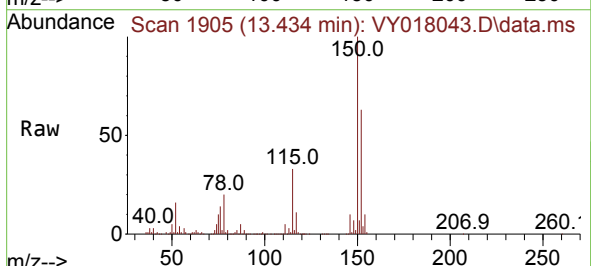
Tgt Ion:152 Resp: 250385

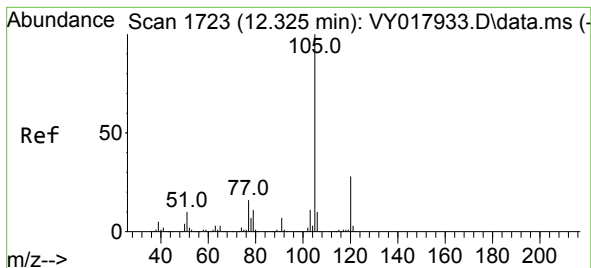
Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 164.4 0.0 345.6





#73

Isopropylbenzene

Concen: 21.050 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

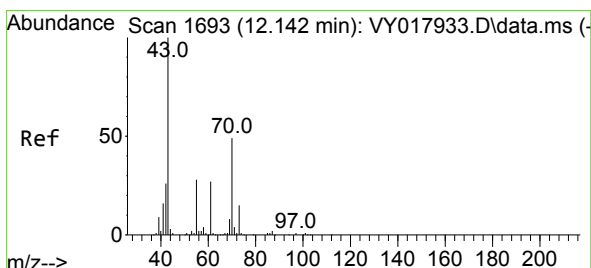
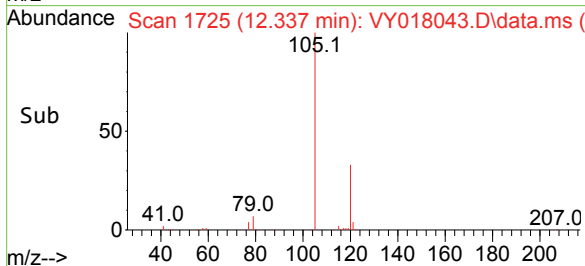
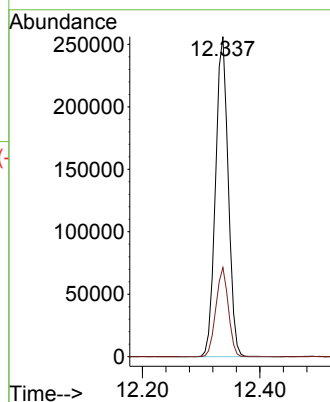
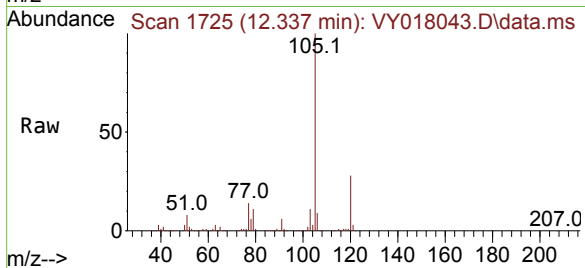
ClientSampleId :

Tgt Ion:105 Resp: 384048

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 18.071 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Tgt Ion: 43 Resp: 66554

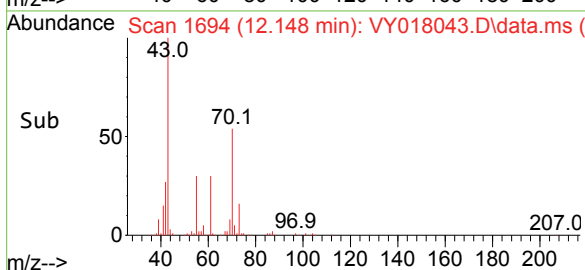
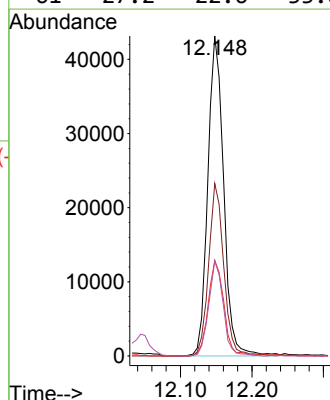
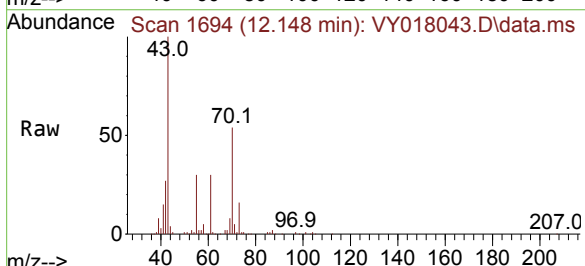
Ion Ratio Lower Upper

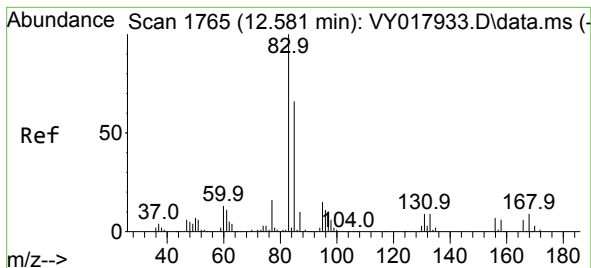
43 100

70 51.7 41.4 62.2

55 29.9 23.3 34.9

61 27.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.242 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

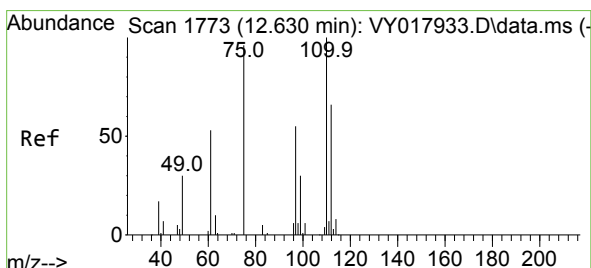
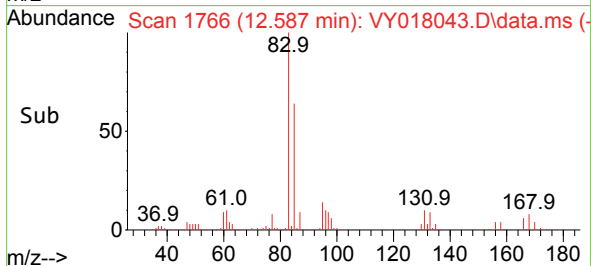
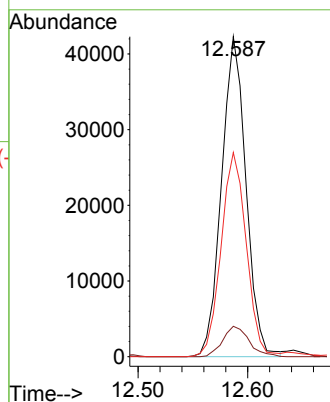
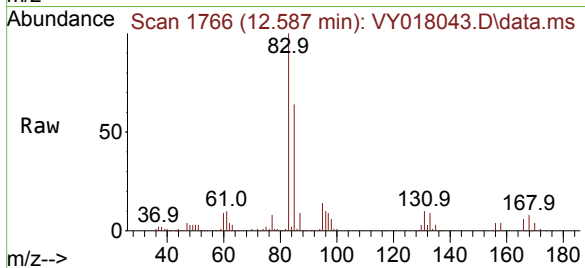
Tgt Ion: 83 Resp: 65473

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 65.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.706 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY018043.D

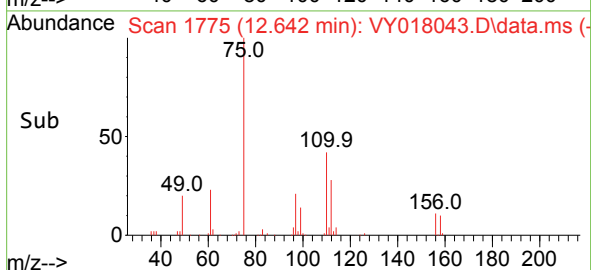
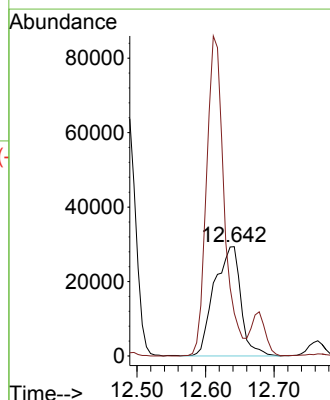
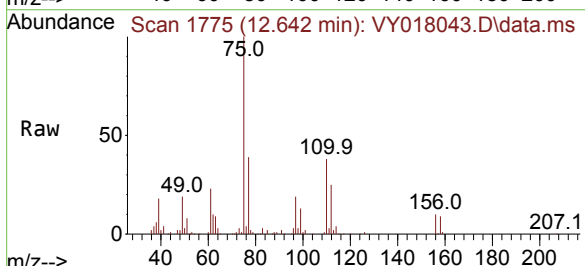
Acq: 25 Apr 2024 11:58

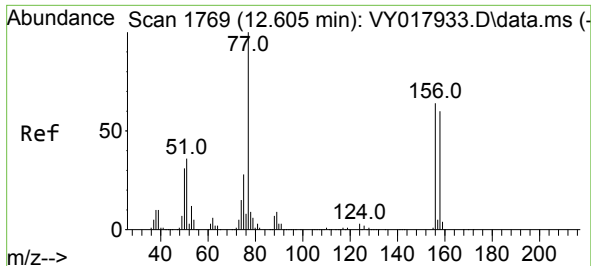
Tgt Ion: 75 Resp: 79194

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

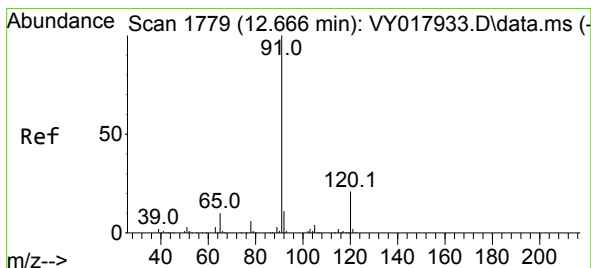
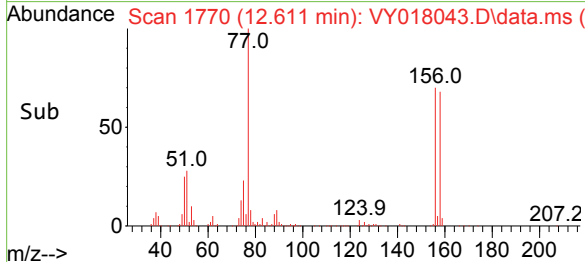
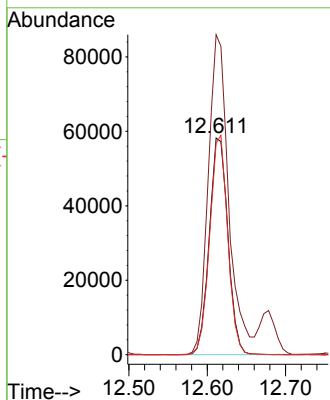
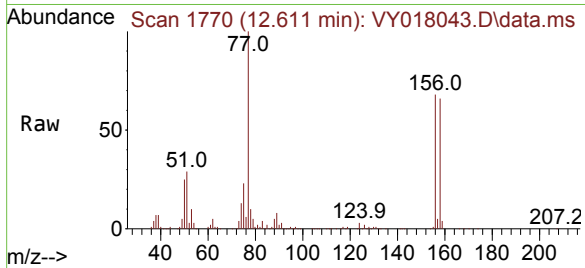




#77
Bromobenzene
Concen: 21.766 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

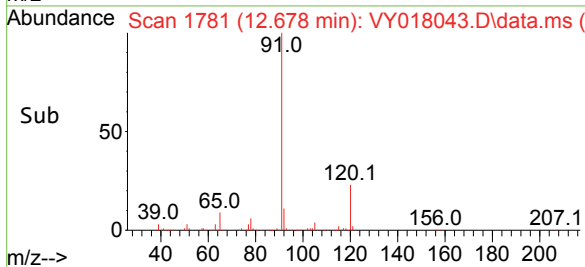
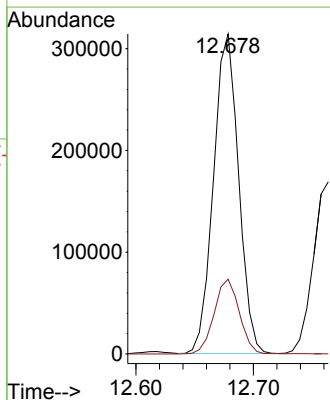
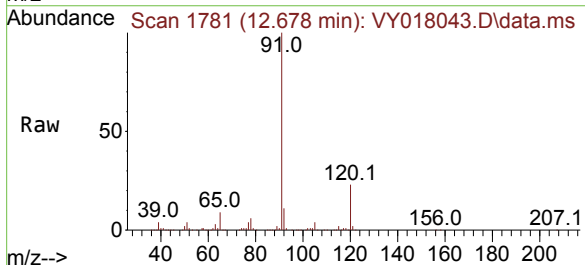
Instrument :
MSVOA_Y
ClientSampleId :

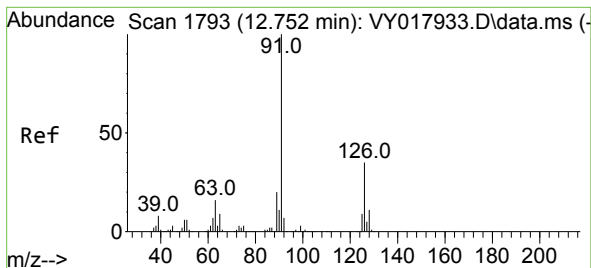
Tgt Ion:156 Resp: 96100
Ion Ratio Lower Upper
156 100
77 162.3 87.1 261.3
158 97.9 48.6 145.9



#78
n-propylbenzene
Concen: 21.051 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion: 91 Resp: 465999
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.082 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

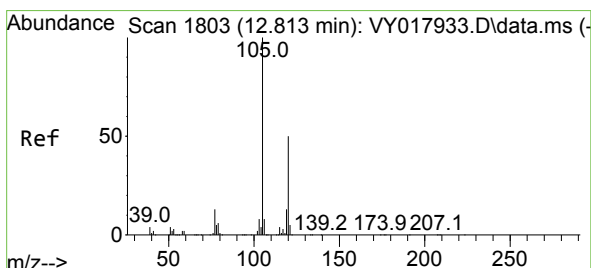
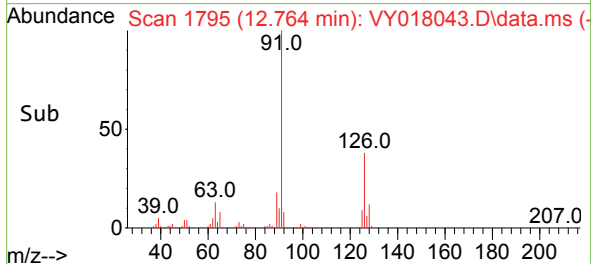
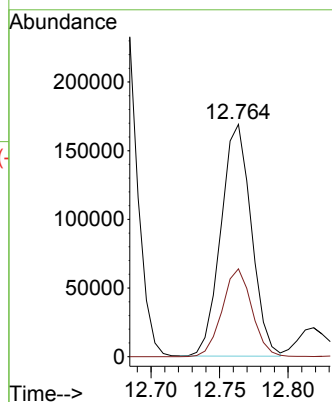
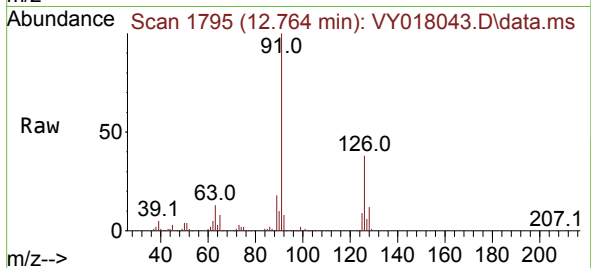
ClientSampleId :

Tgt Ion: 91 Resp: 261207

Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.415 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY018043.D

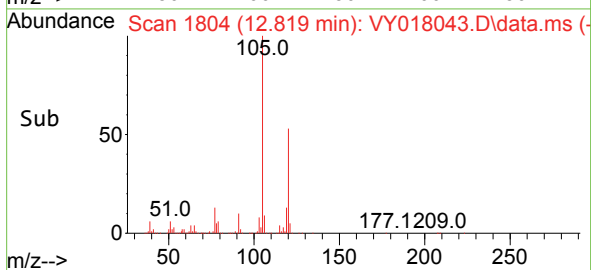
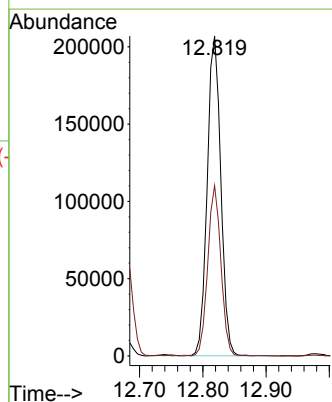
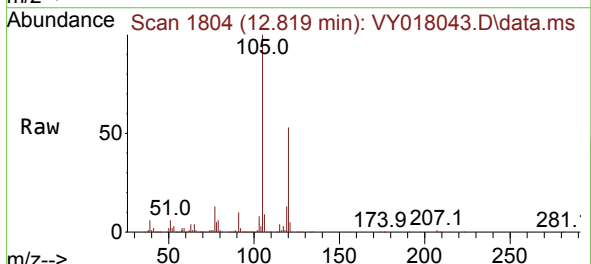
Acq: 25 Apr 2024 11:58

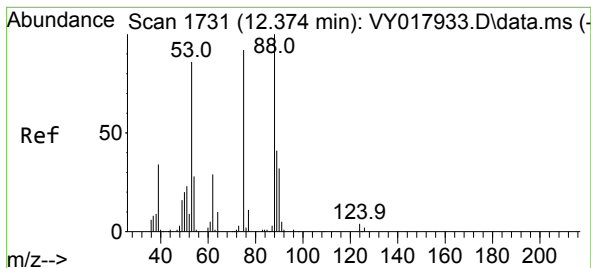
Tgt Ion:105 Resp: 309808

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.2

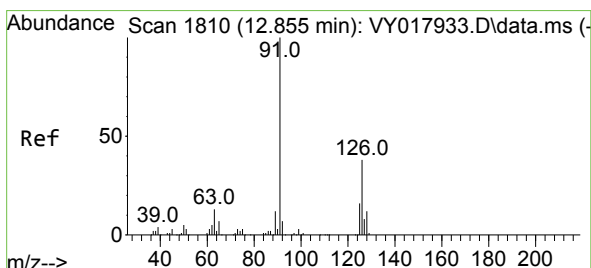
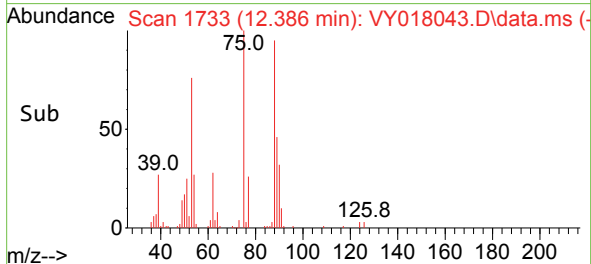
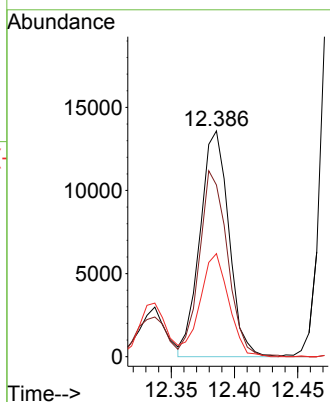
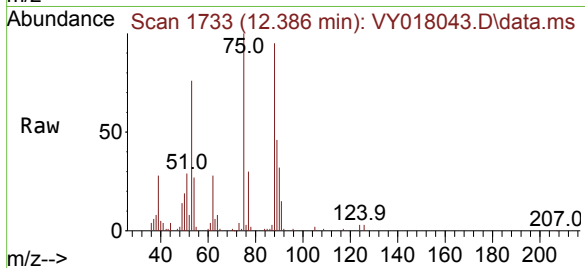




#81
trans-1,4-Dichloro-2-butene
Concen: 18.913 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

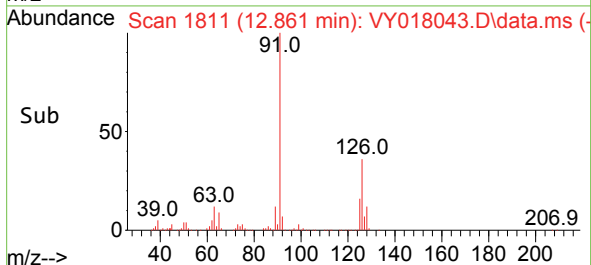
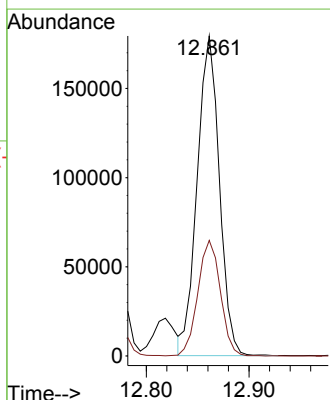
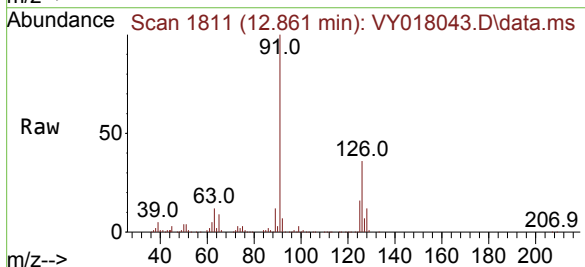
Instrument :
MSVOA_Y
ClientSampleId :

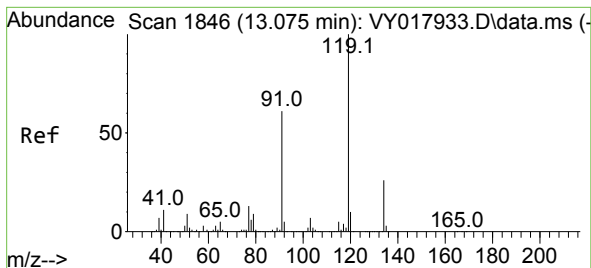
Tgt Ion: 75 Resp: 21552
Ion Ratio Lower Upper
75 100
53 80.2 66.8 100.2
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.967 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion: 91 Resp: 269051
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.324 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

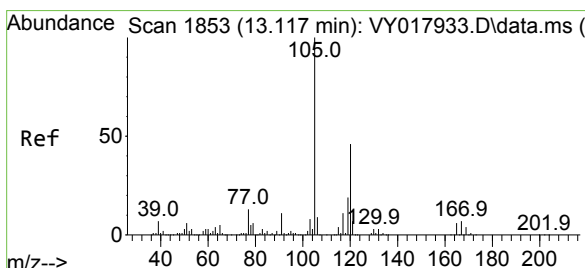
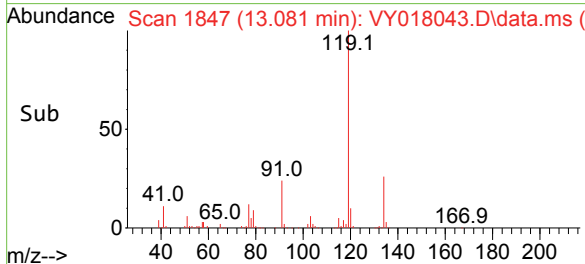
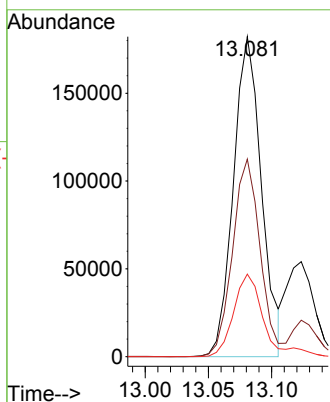
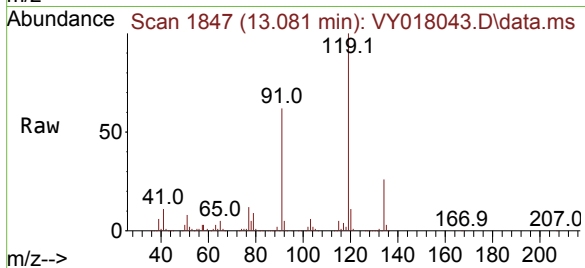
Tgt Ion:119 Resp: 281754

Ion Ratio Lower Upper

119 100

91 60.2 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.672 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018043.D

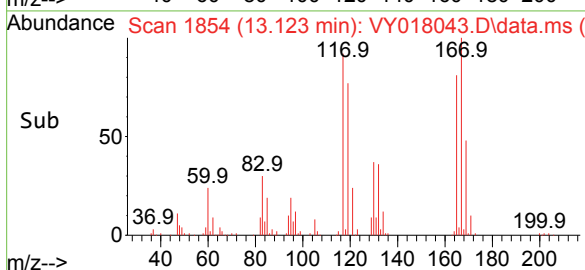
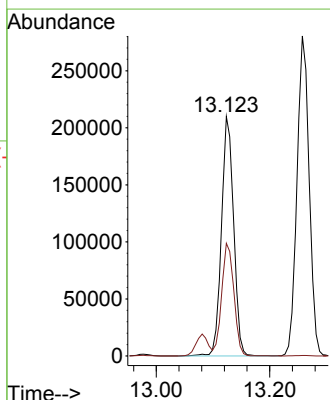
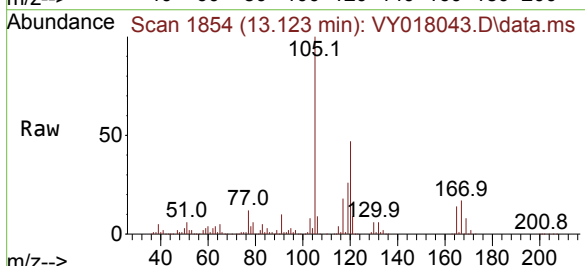
Acq: 25 Apr 2024 11:58

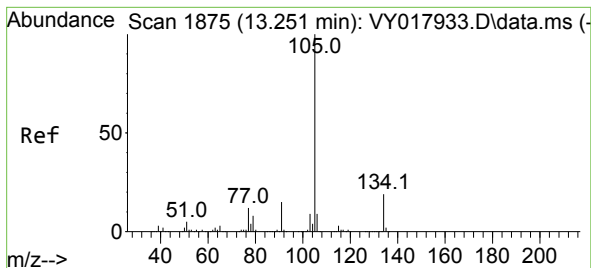
Tgt Ion:105 Resp: 312230

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.070 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

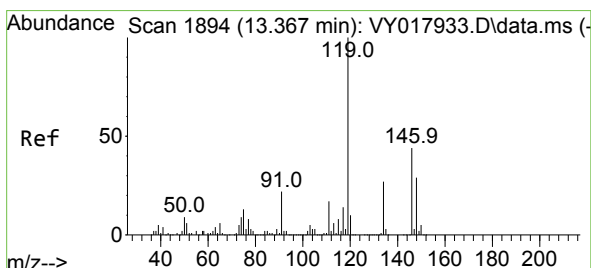
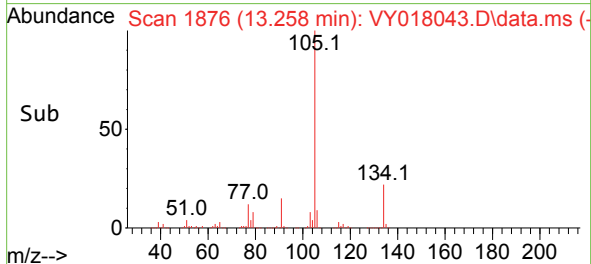
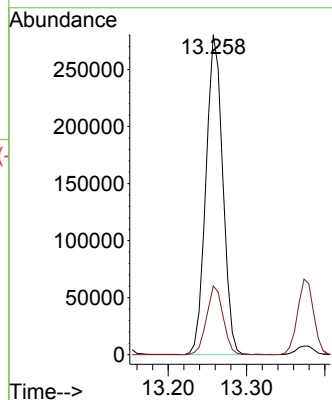
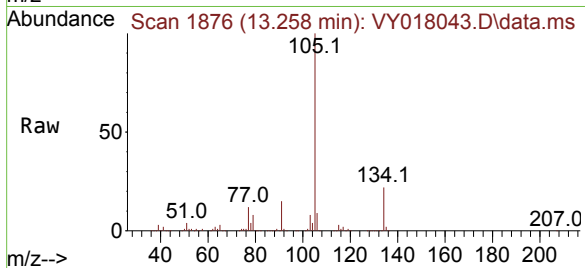
ClientSampleId :

Tgt Ion:105 Resp: 418157

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.336 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

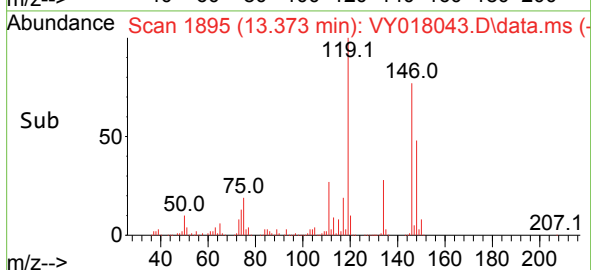
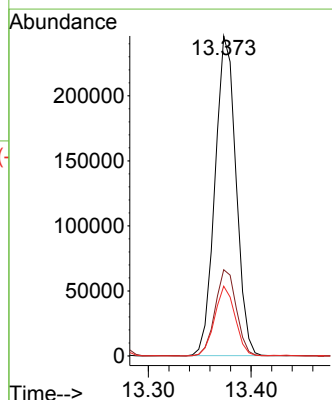
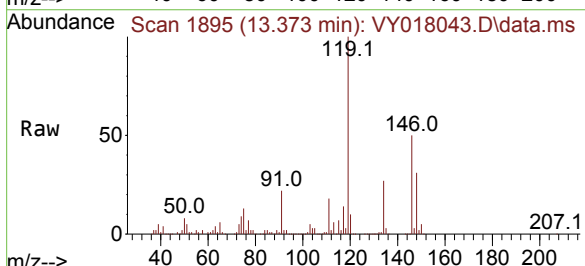
Tgt Ion:119 Resp: 347944

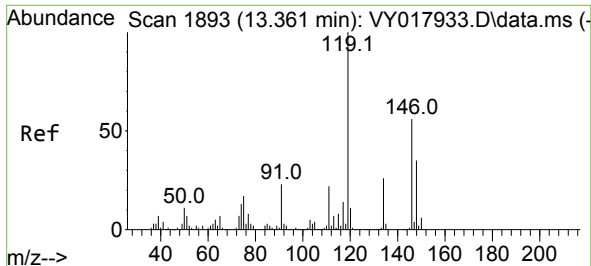
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 21.2 10.7 32.1

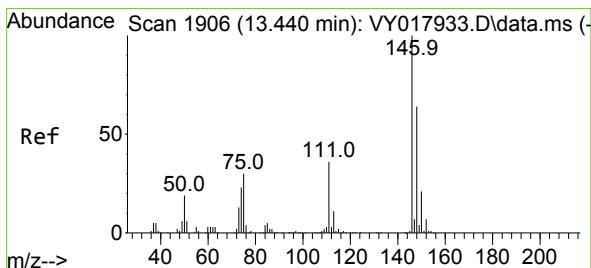
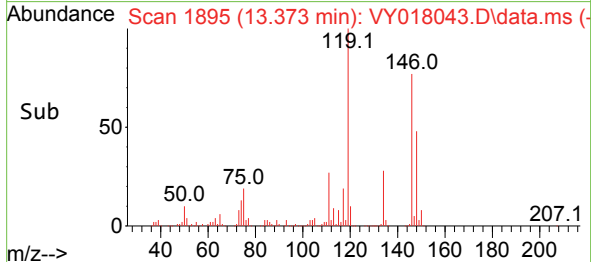
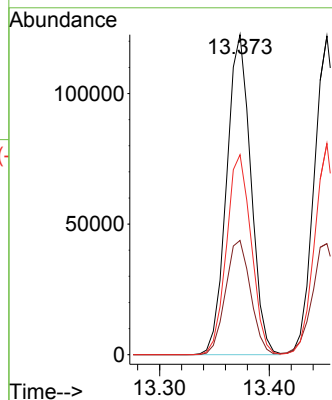
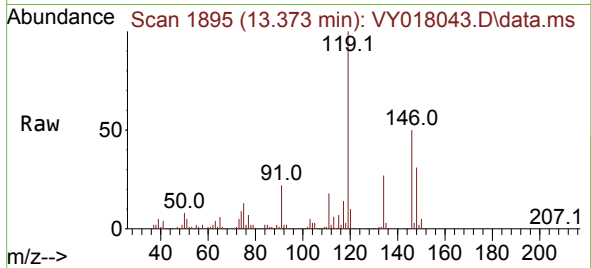




#87
1,3-Dichlorobenzene
Concen: 21.468 ug/l
RT: 13.373 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

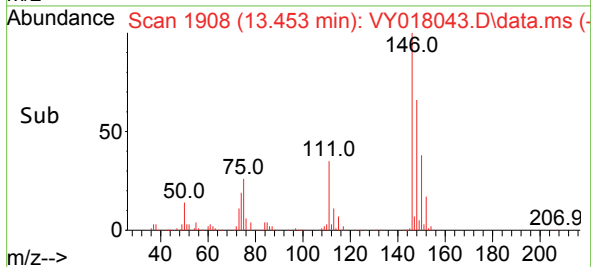
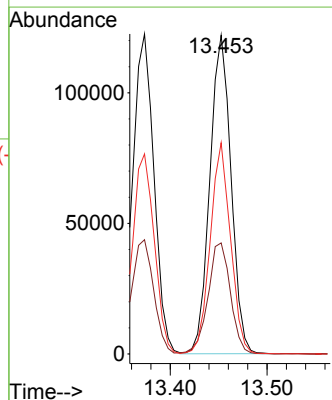
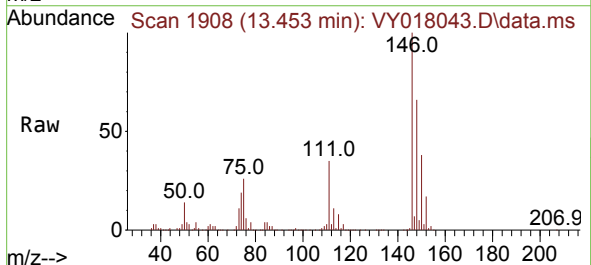
Instrument :
MSVOA_Y
ClientSampleId :

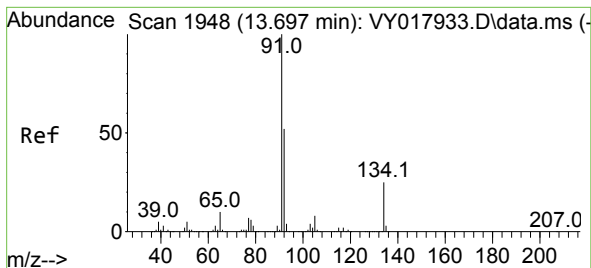
Tgt Ion:146 Resp: 188064
Ion Ratio Lower Upper
146 100
111 36.9 19.0 57.0
148 63.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 21.590 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY018043.D
Acq: 25 Apr 2024 11:58

Tgt Ion:146 Resp: 185670
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 20.725 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

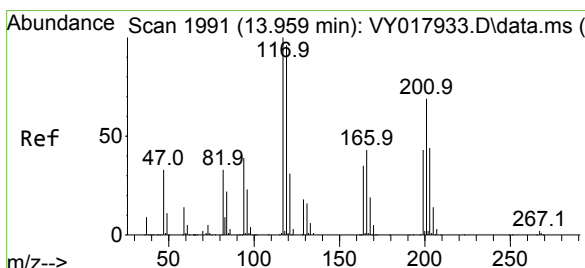
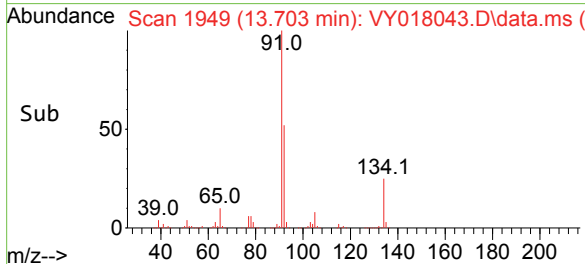
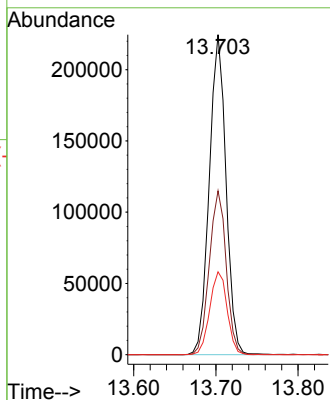
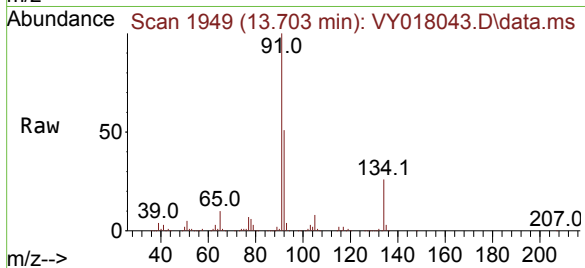
Tgt Ion: 91 Resp: 317965

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 26.9 12.9 38.7



#90

Hexachloroethane

Concen: 21.255 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018043.D

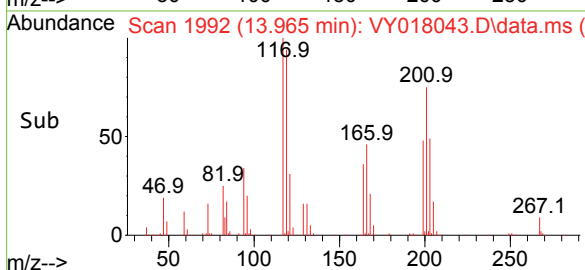
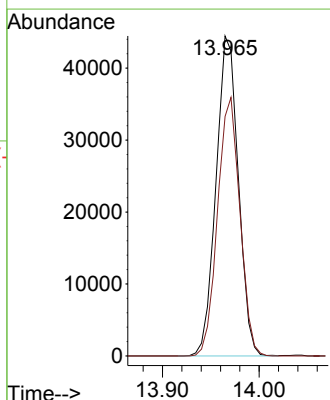
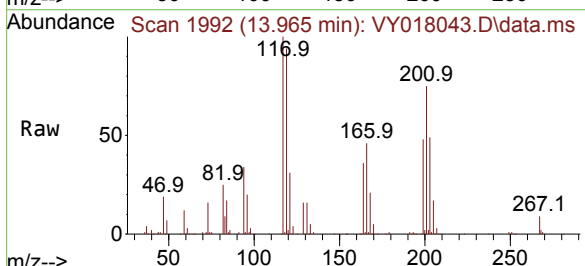
Acq: 25 Apr 2024 11:58

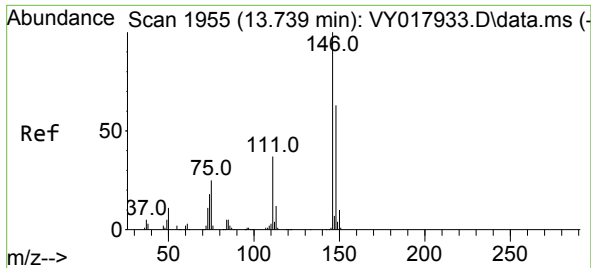
Tgt Ion: 117 Resp: 71076

Ion Ratio Lower Upper

117 100

201 80.9 37.4 112.2

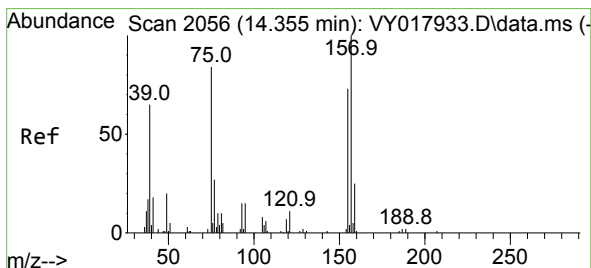
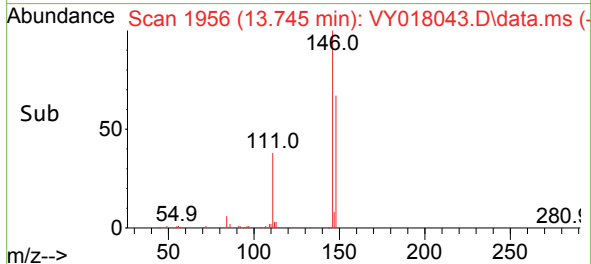
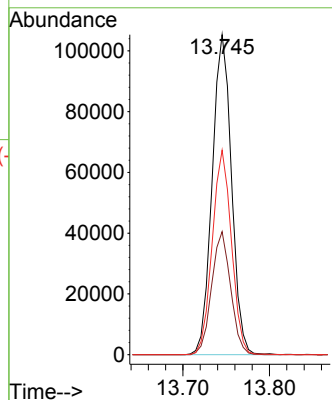
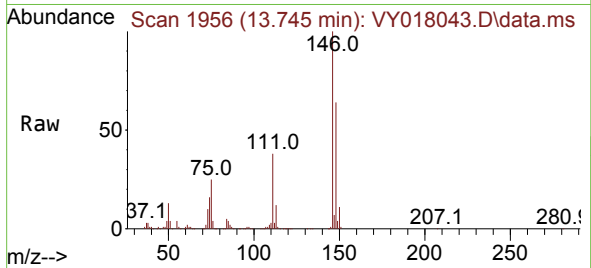




#91
 1,2-Dichlorobenzene
 Concen: 21.584 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

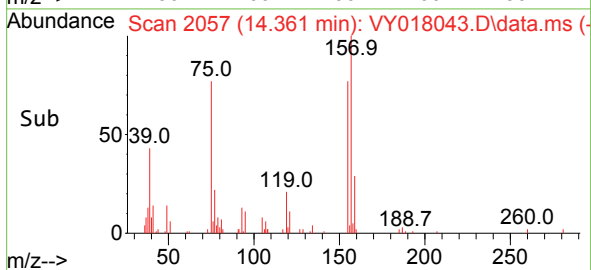
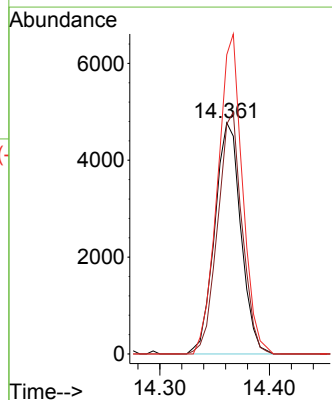
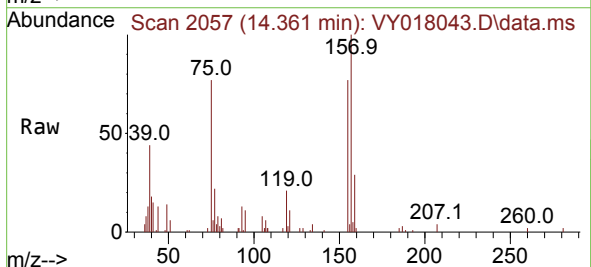
Instrument :
 MSVOA_Y
 ClientSampleId :

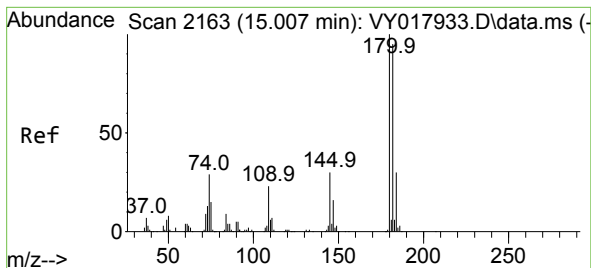
Tgt Ion:146 Resp: 163124
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.9 59.7
 148 63.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.127 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY018043.D
 Acq: 25 Apr 2024 11:58

Tgt Ion: 75 Resp: 7934
 Ion Ratio Lower Upper
 75 100
 155 97.2 48.6 145.8
 157 131.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.081 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

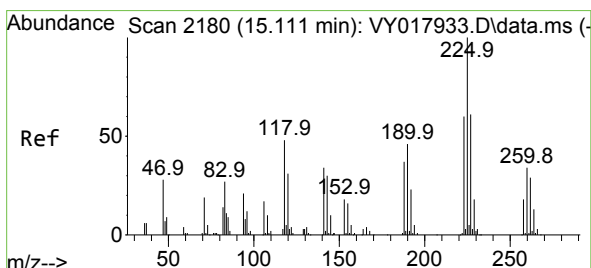
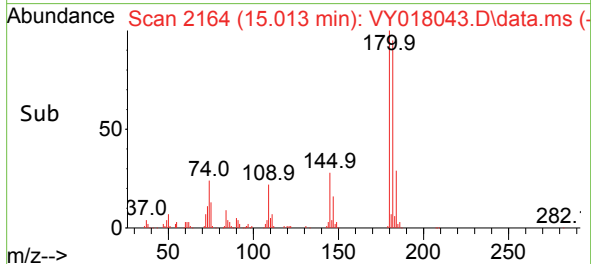
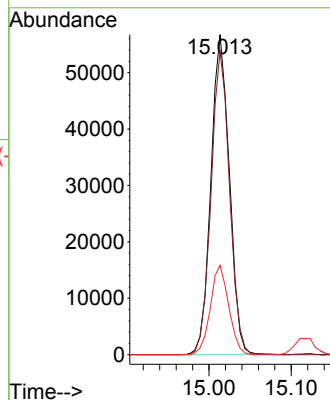
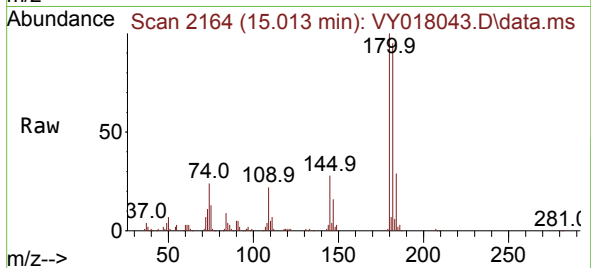
Tgt Ion:180 Resp: 88378

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.282 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

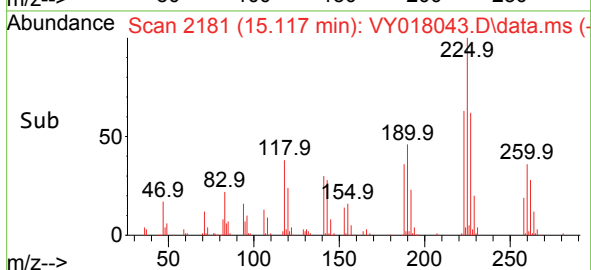
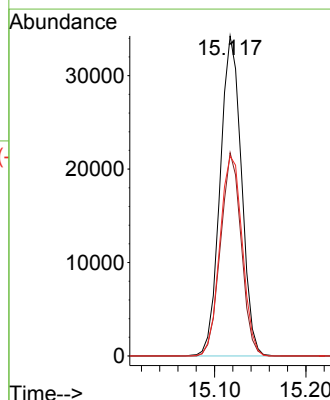
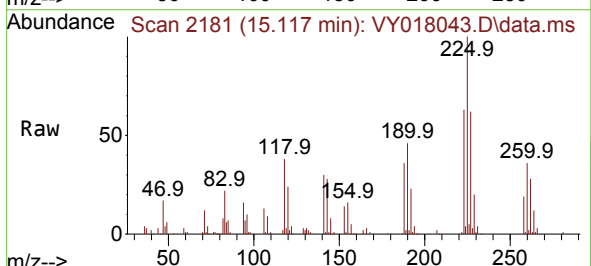
Tgt Ion:225 Resp: 55565

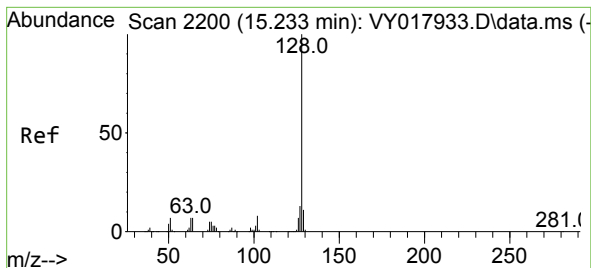
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 65.6 31.9 95.9





#95

Naphthalene

Concen: 18.281 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.012 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

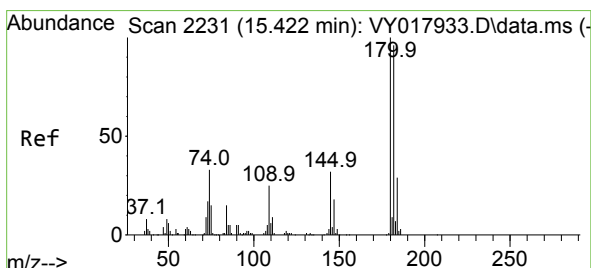
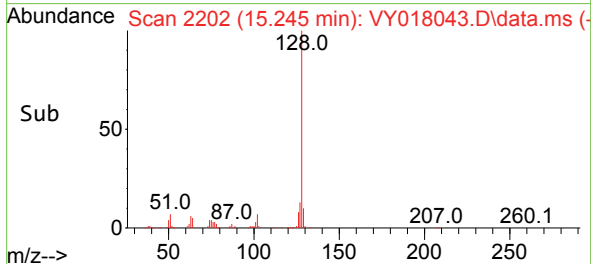
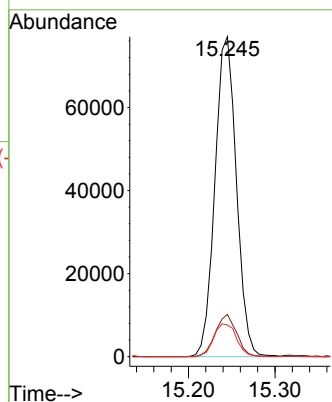
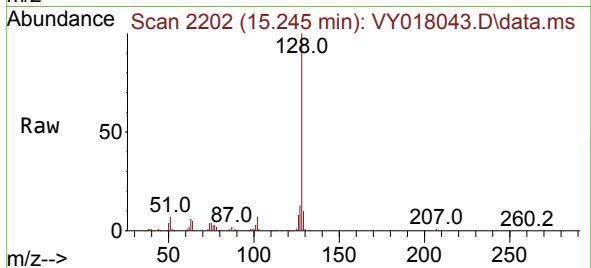
Tgt Ion:128 Resp: 132584

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.027 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018043.D

Acq: 25 Apr 2024 11:58

Tgt Ion:180 Resp: 73960

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 29.1 15.4 46.1

