

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018018.D
 Acq On : 23 Apr 2024 10:48
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	340157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	531501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	455965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	210826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151229	51.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.722	113	169804	51.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.560%	
50) Toluene-d8	10.185	98	680345	54.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	12.483	95	200407	52.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61574	22.818	ug/l	97
3) Chloromethane	2.113	50	94459	21.125	ug/l	96
4) Vinyl Chloride	2.253	62	107649	21.359	ug/l	99
5) Bromomethane	2.650	94	75487	22.503	ug/l	97
6) Chloroethane	2.790	64	68171	21.425	ug/l	97
7) Trichlorofluoromethane	3.125	101	126528	22.276	ug/l	96
8) Diethyl Ether	3.528	74	38265	21.319	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	80577	22.781	ug/l	100
10) Methyl Iodide	4.095	142	99452	21.134	ug/l	100
11) Tert butyl alcohol	4.954	59	21150	91.102	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	78509	22.864	ug/l	96
13) Acrolein	3.729	56	32192	140.421	ug/l	98
14) Allyl chloride	4.479	41	103613	23.317	ug/l	93
15) Acrylonitrile	5.161	53	78056	107.110	ug/l	99
16) Acetone	3.942	43	54133	93.072	ug/l	94
17) Carbon Disulfide	4.192	76	230109	21.066	ug/l	98
18) Methyl Acetate	4.479	43	30338	19.828	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	154003	20.579	ug/l	99
20) Methylene Chloride	4.716	84	87737	22.266	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	82487	21.929	ug/l	95
22) Diisopropyl ether	6.119	45	233230	23.942	ug/l	96
23) Vinyl Acetate	6.058	43	631056	109.242	ug/l	95
24) 1,1-Dichloroethane	6.015	63	146355	23.010	ug/l	97
25) 2-Butanone	6.990	43	87513	102.364	ug/l	94
26) 2,2-Dichloropropane	6.984	77	116638	22.857	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	92513	21.535	ug/l	95
28) Bromochloromethane	7.338	49	61973	24.770	ug/l	89
29) Tetrahydrofuran	7.350	42	54744	100.906	ug/l	93
30) Chloroform	7.509	83	144858	22.284	ug/l	99
31) Cyclohexane	7.789	56	124406	22.111	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	120551	22.266	ug/l	97
36) 1,1-Dichloropropene	7.917	75	106248	22.280	ug/l	98
37) Ethyl Acetate	7.076	43	42145	21.481	ug/l	97
38) Carbon Tetrachloride	7.899	117	107788	22.373	ug/l	98
39) Methylcyclohexane	9.185	83	130609	21.017	ug/l	91
40) Benzene	8.161	78	337746	22.611	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22555	18.219	ug/l	88
42) 1,2-Dichloroethane	8.240	62	73403	21.447	ug/l	99
43) Isopropyl Acetate	8.277	43	75269	20.581	ug/l	98
44) Trichloroethene	8.941	130	83289	21.943	ug/l	96
45) 1,2-Dichloropropane	9.216	63	78207	22.745	ug/l	98
46) Dibromomethane	9.307	93	39484	20.760	ug/l	99
47) Bromodichloromethane	9.496	83	104227	21.843	ug/l	96
48) Methyl methacrylate	9.295	41	33569	20.031	ug/l	96
49) 1,4-Dioxane	9.301	88	8150	375.363	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	198965	102.624	ug/l	96
52) Toluene	10.246	92	203972	22.253	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	92842	21.313	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	115968	21.671	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	54012	20.891	ug/l	96
56) Ethyl methacrylate	10.514	69	65340	19.385	ug/l	95
57) 1,3-Dichloropropane	10.795	76	93133	21.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	170192	97.140	ug/l	96
59) 2-Hexanone	10.837	43	133399	100.795	ug/l	95
60) Dibromochloromethane	10.990	129	68872	20.727	ug/l	98
61) 1,2-Dibromoethane	11.093	107	48740	20.228	ug/l	98
64) Tetrachloroethene	10.721	164	71235	21.809	ug/l	97
65) Chlorobenzene	11.520	112	221667	22.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	73309	22.247	ug/l	99
67) Ethyl Benzene	11.593	91	376901	22.399	ug/l	99
68) m/p-Xylenes	11.703	106	289042	44.725	ug/l	97
69) o-Xylene	12.032	106	132028	21.876	ug/l	98
70) Styrene	12.044	104	224527	22.012	ug/l	100
71) Bromoform	12.209	173	37646	19.774	ug/l #	97
73) Isopropylbenzene	12.331	105	348867	22.710	ug/l	100
74) N-amyl acetate	12.148	43	64610	20.835	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	59967	20.930	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	74606	37.711	ug/l #	100
77) Bromobenzene	12.611	156	81135	21.825	ug/l	97
78) n-propylbenzene	12.672	91	437374	23.466	ug/l	99
79) 2-Chlorotoluene	12.758	91	238292	22.841	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	277172	22.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20161	21.012	ug/l	99
82) 4-Chlorotoluene	12.855	91	245276	22.700	ug/l	99
83) tert-Butylbenzene	13.075	119	247881	22.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	276130	22.763	ug/l	99
85) sec-Butylbenzene	13.251	105	385367	23.061	ug/l	100
86) p-Isopropyltoluene	13.373	119	309614	22.548	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	158612	21.503	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	155945	21.537	ug/l	99
89) n-Butylbenzene	13.696	91	295009	22.837	ug/l	97
90) Hexachloroethane	13.965	117	63827	22.668	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	136217	21.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7141	19.377	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	74953	20.226	ug/l	96
94) Hexachlorobutadiene	15.111	225	46617	21.205	ug/l	98
95) Naphthalene	15.239	128	111755	18.300	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62438	20.080	ug/l	98

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QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

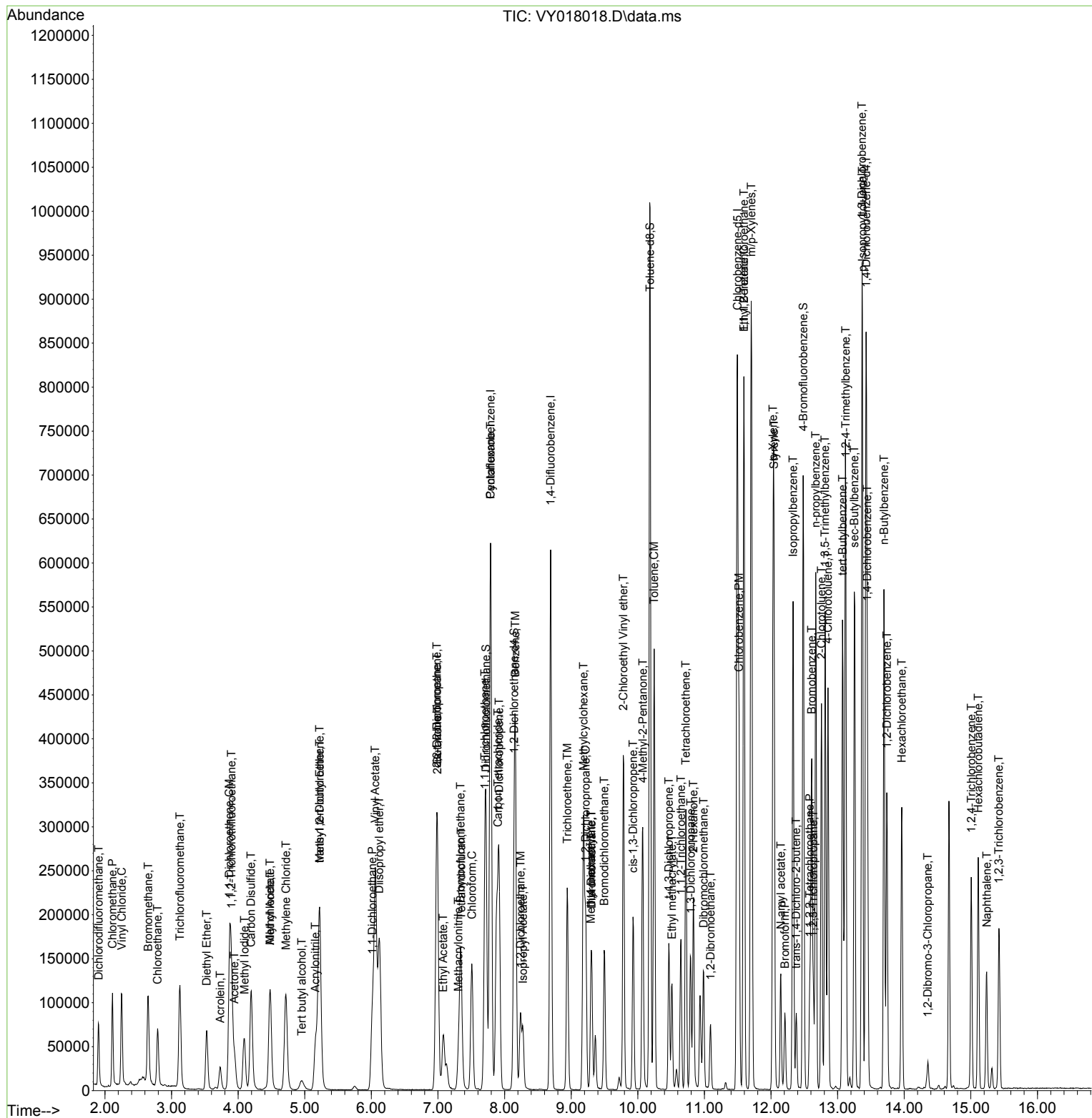
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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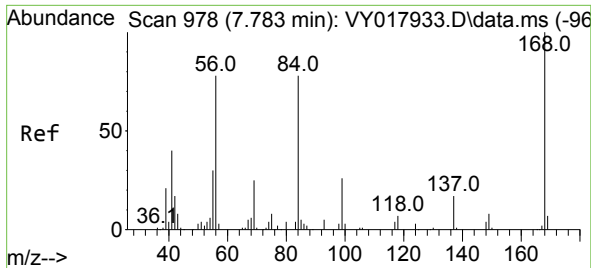
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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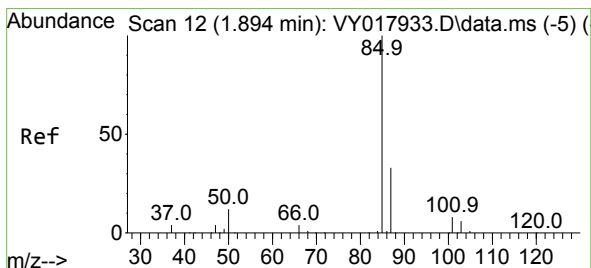
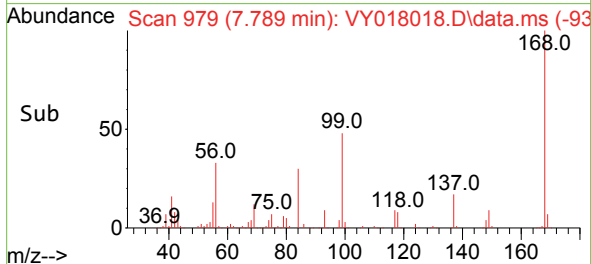
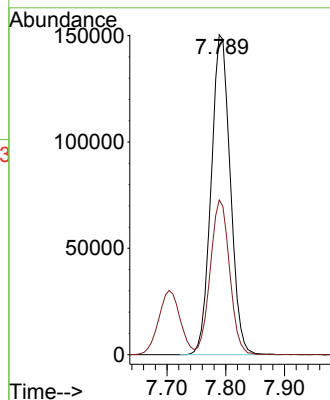
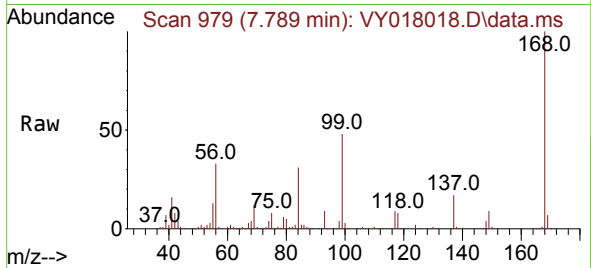




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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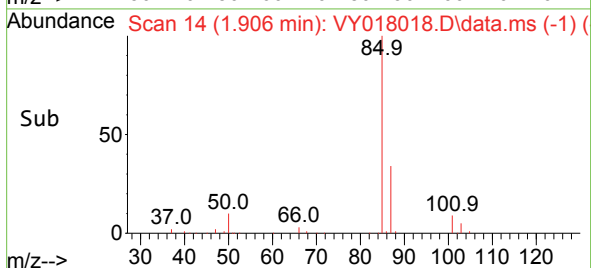
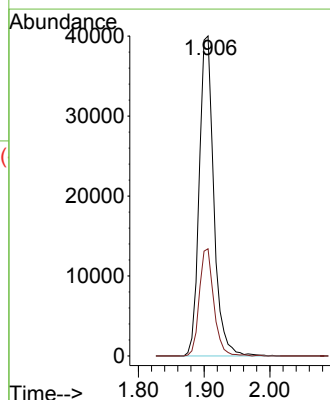
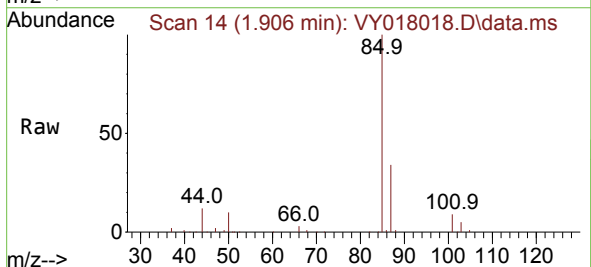
Instrument :
MSVOA_Y
ClientSampleId :

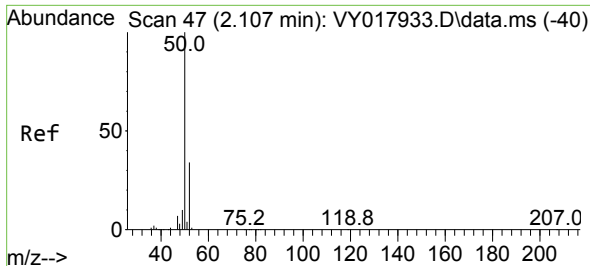
Tgt Ion:168 Resp: 340157
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.818 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 85 Resp: 61574
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0

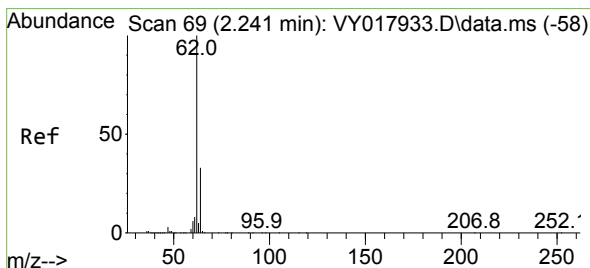
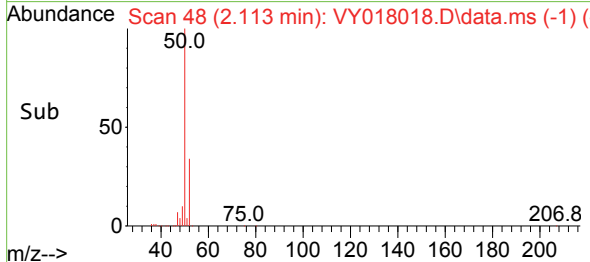
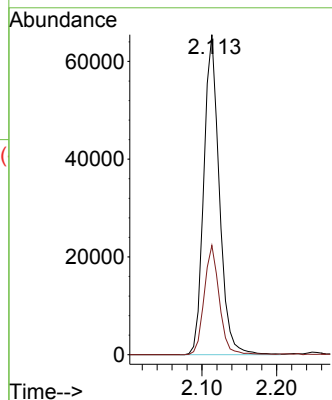
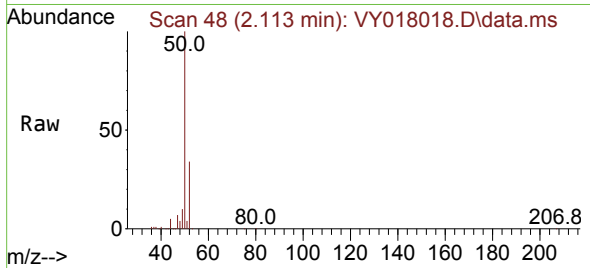




#3
Chloromethane
Concen: 21.125 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

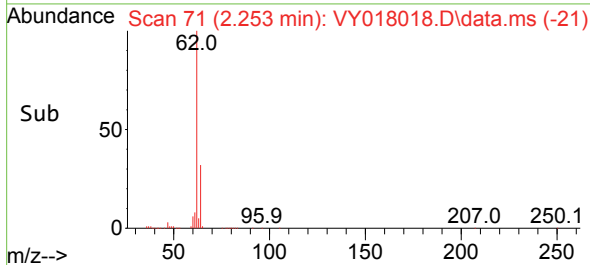
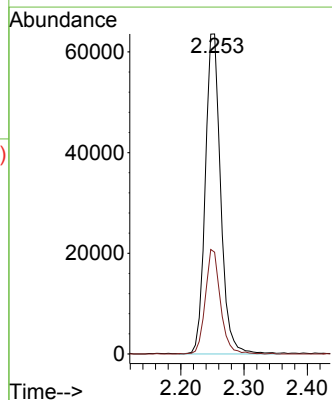
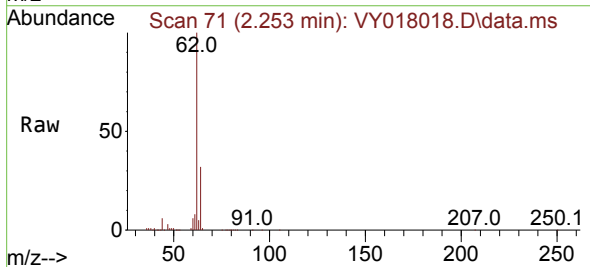
Instrument :
MSVOA_Y
ClientSampleId :

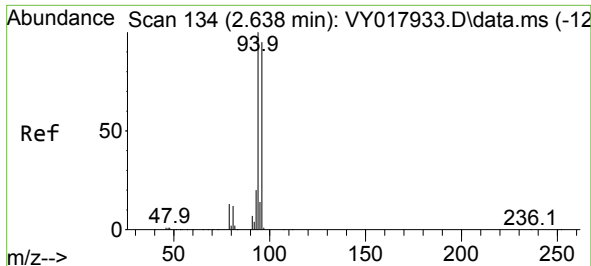
Tgt Ion: 50 Resp: 94459
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 21.359 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 62 Resp: 107649
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

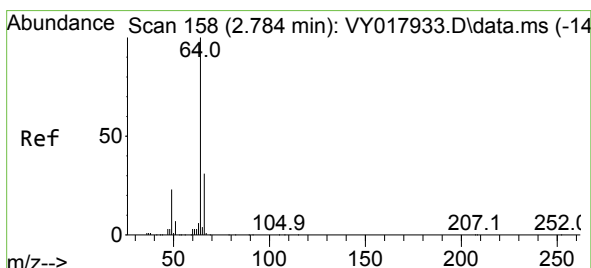
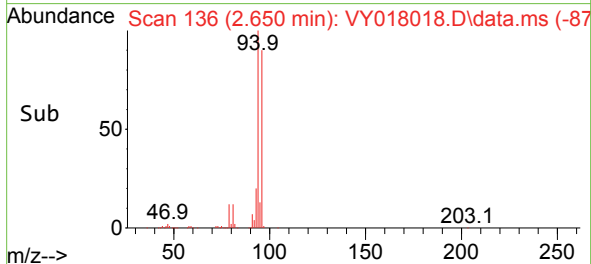
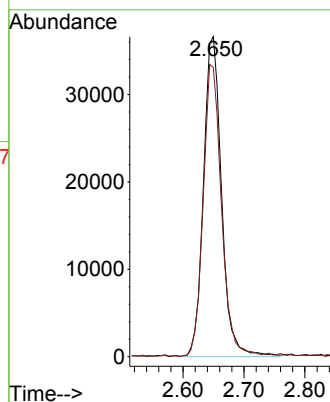
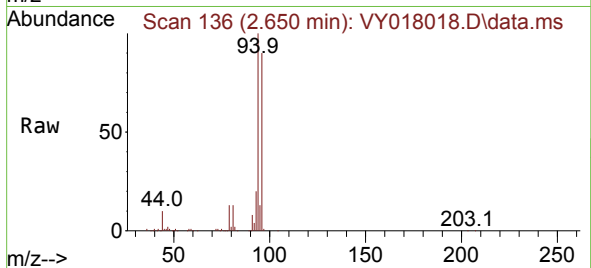




#5
Bromomethane
Concen: 22.503 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018018.D
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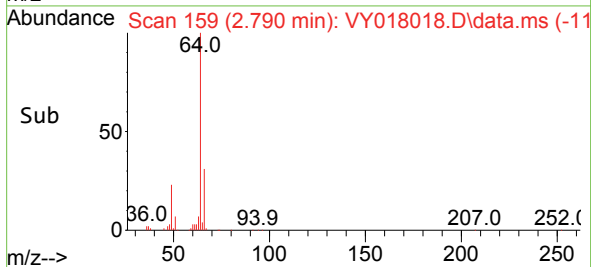
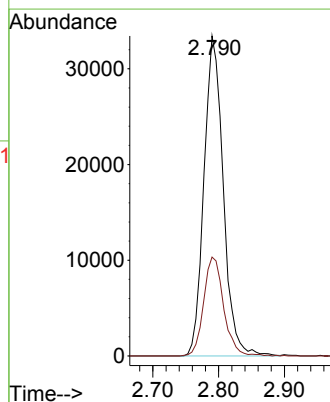
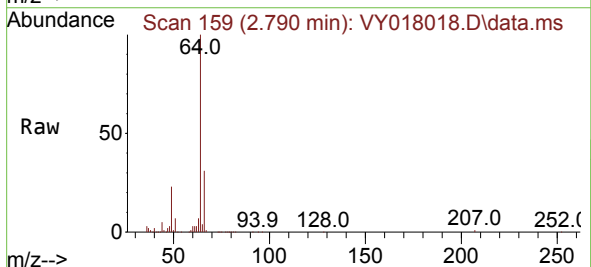
Instrument :
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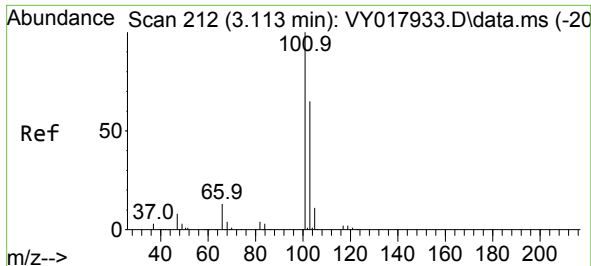
Tgt Ion: 94 Resp: 75487
Ion Ratio Lower Upper
94 100
96 90.2 74.1 111.1



#6
Chloroethane
Concen: 21.425 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 64 Resp: 68171
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

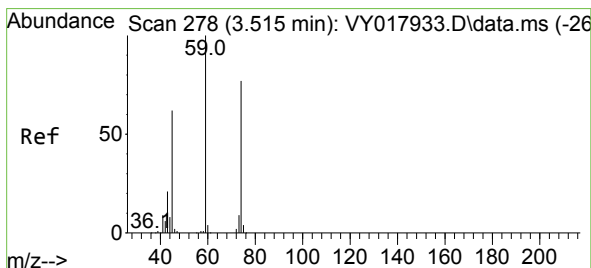
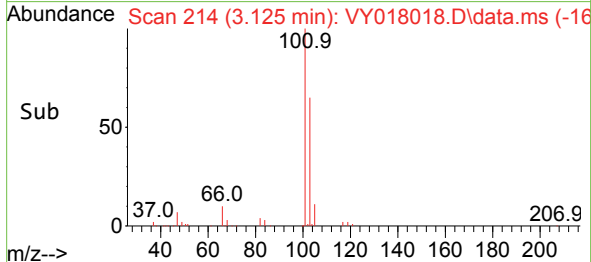
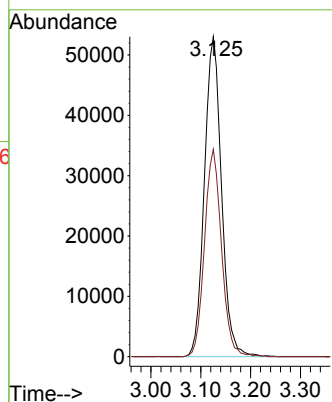
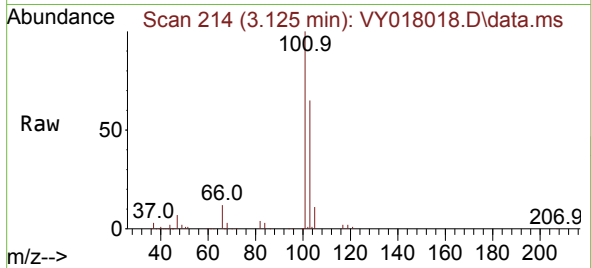




#7
 Trichlorofluoromethane
 Concen: 22.276 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

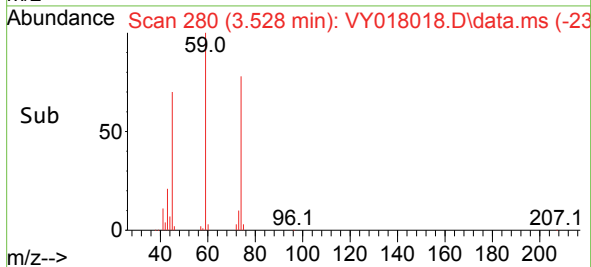
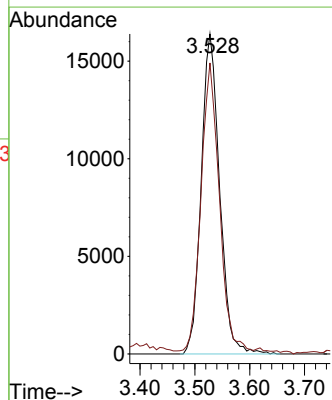
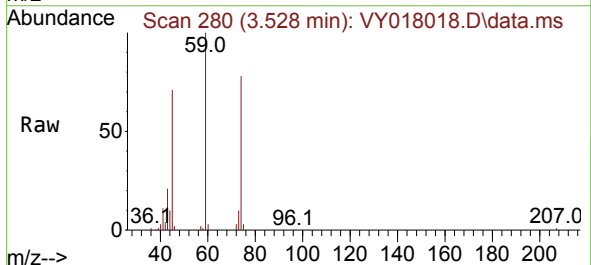
Instrument :
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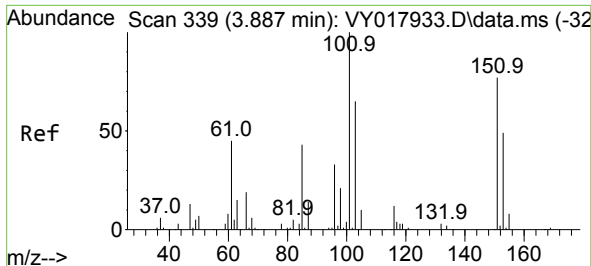
Tgt Ion:101 Resp: 126528
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.319 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 38265
 Ion Ratio Lower Upper
 74 100
 45 88.8 41.3 124.1

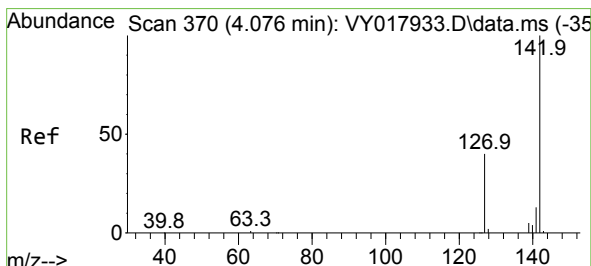
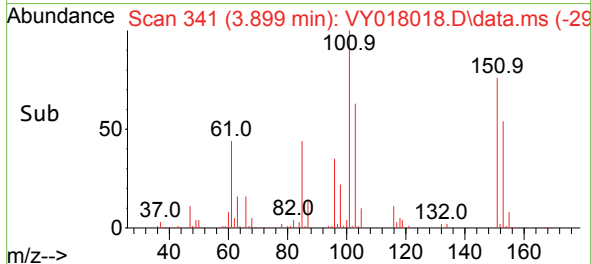
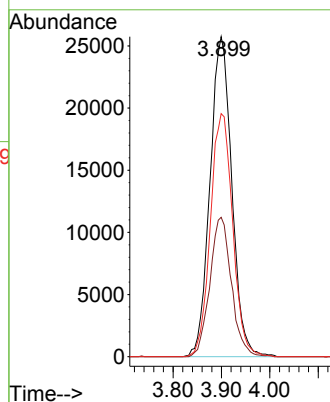
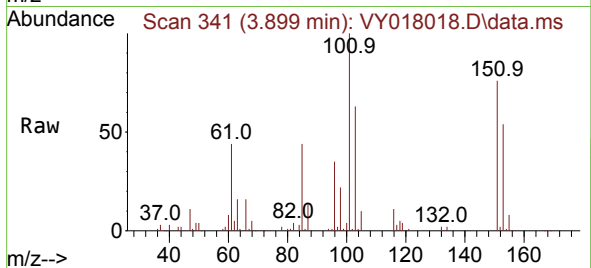




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.781 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

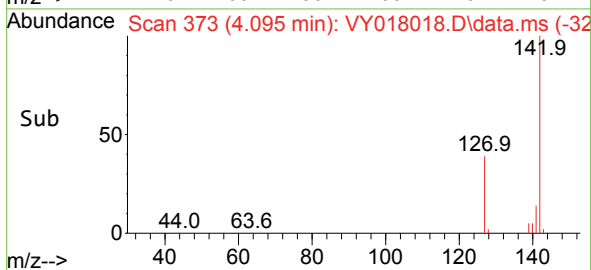
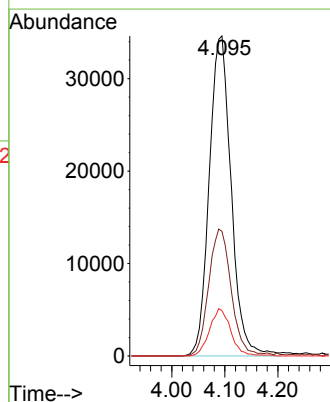
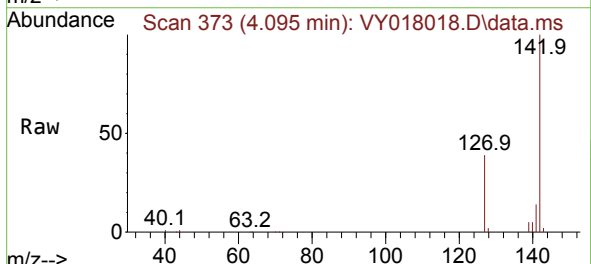
Instrument :
MSVOA_Y
ClientSampleId :

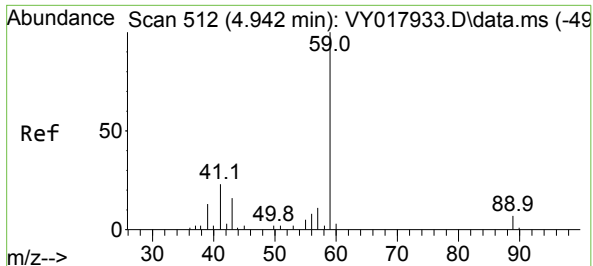
Tgt Ion:101 Resp: 80577
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 77.7 61.7 92.5



#10
Methyl Iodide
Concen: 21.134 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion:142 Resp: 99452
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 91.102 ug/l

RT: 4.954 min Scan# 512

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

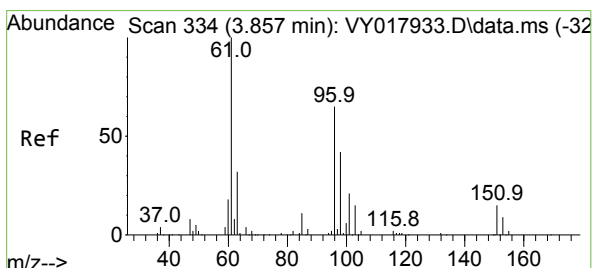
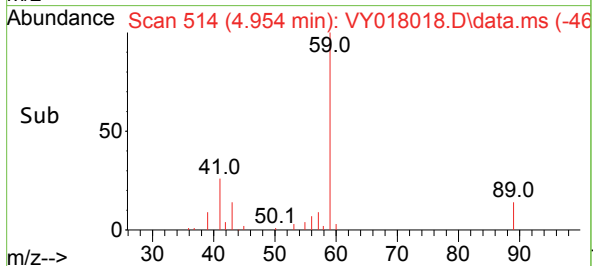
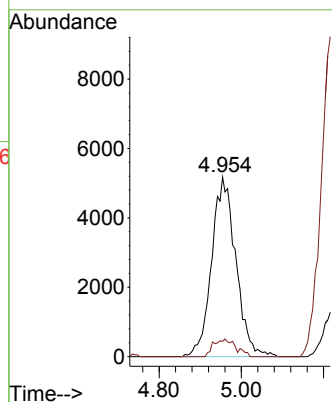
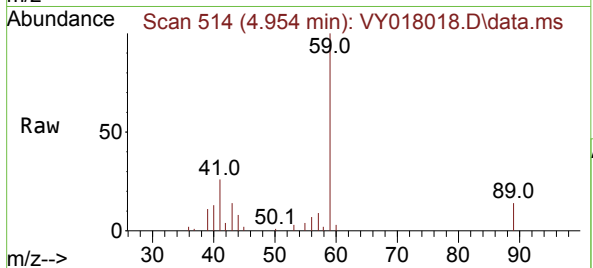
ClientSampleId :

Tgt Ion: 59 Resp: 21150

Ion Ratio Lower Upper

59 100

57 9.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 22.864 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

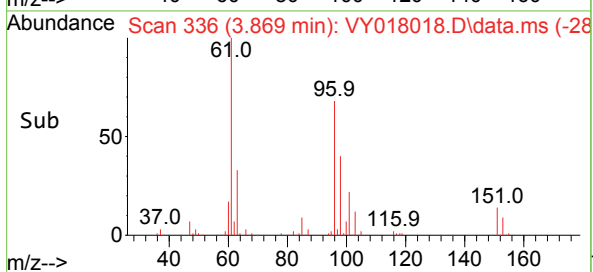
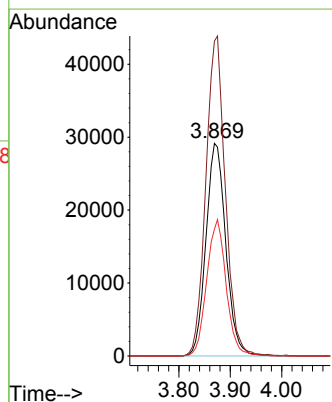
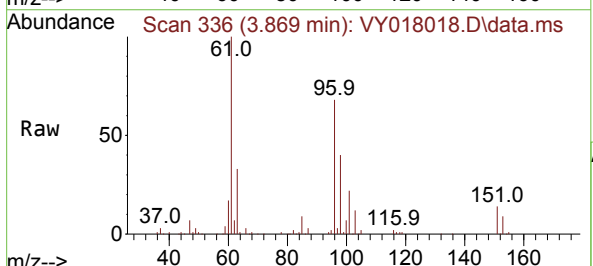
Tgt Ion: 96 Resp: 78509

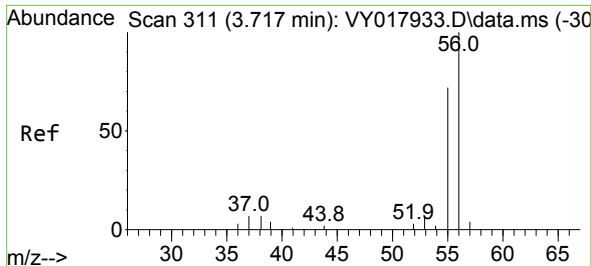
Ion Ratio Lower Upper

96 100

61 148.1 114.6 171.8

98 59.6 50.8 76.2





#13

Acrolein

Concen: 140.421 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

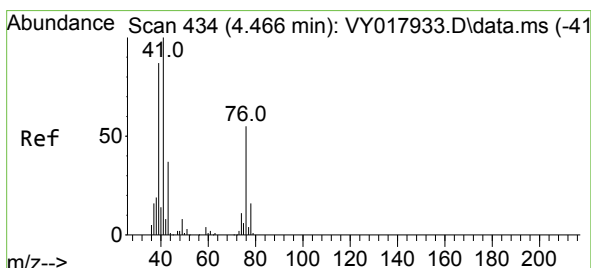
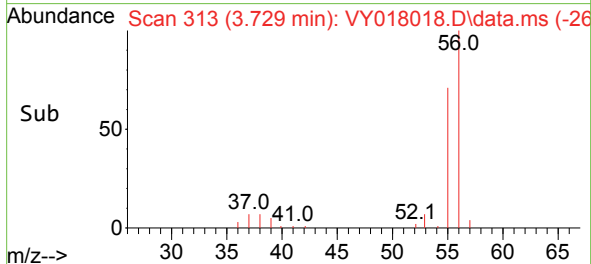
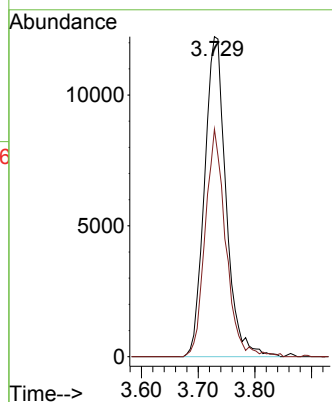
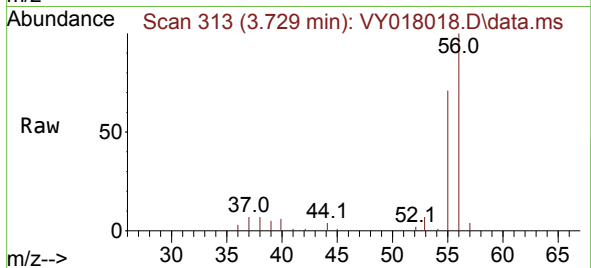
ClientSampleId :

Tgt Ion: 56 Resp: 32192

Ion Ratio Lower Upper

56 100

55 68.2 55.7 83.5



#14

Allyl chloride

Concen: 23.317 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

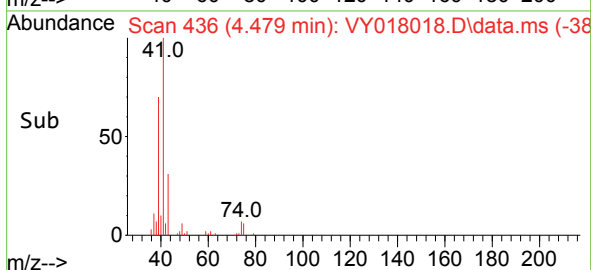
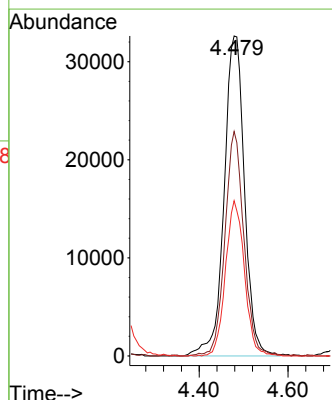
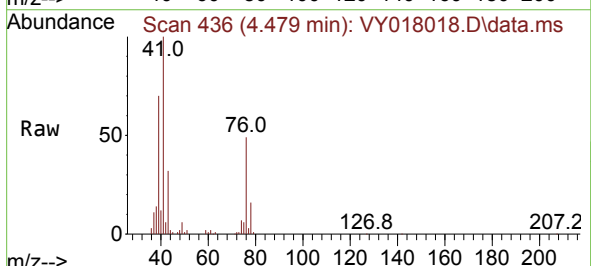
Tgt Ion: 41 Resp: 103613

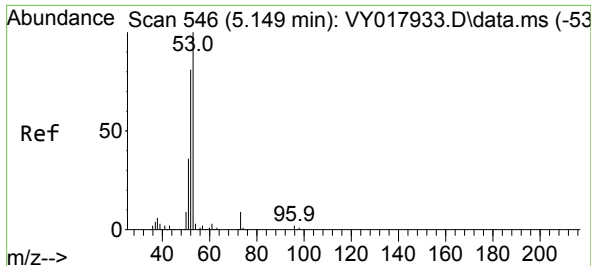
Ion Ratio Lower Upper

41 100

39 65.5 58.3 87.5

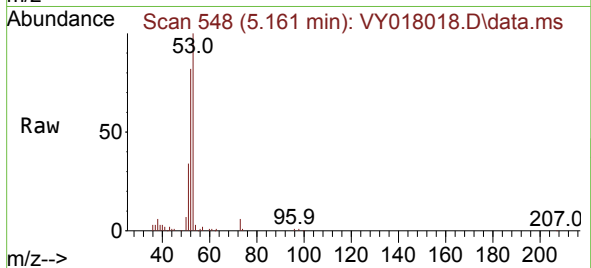
76 45.1 39.0 58.6



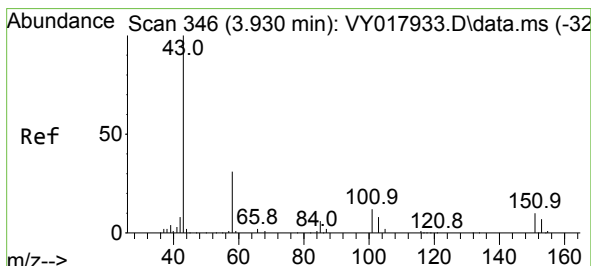
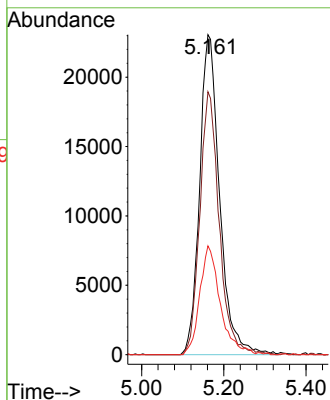
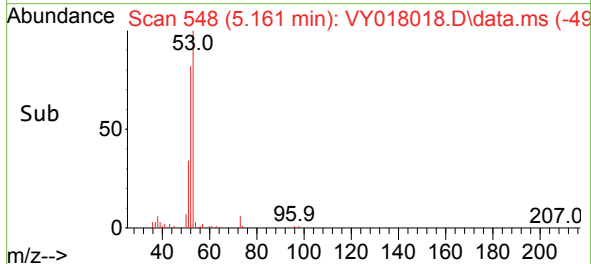


#15
Acrylonitrile
Concen: 107.110 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Instrument :
MSVOA_Y
ClientSampleId :

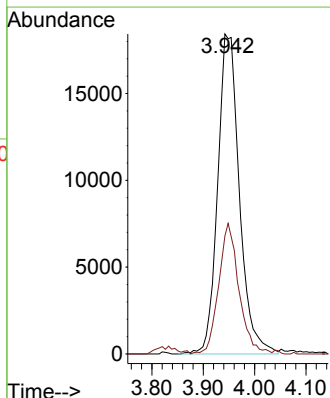
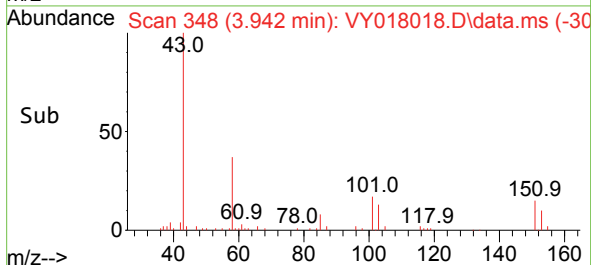
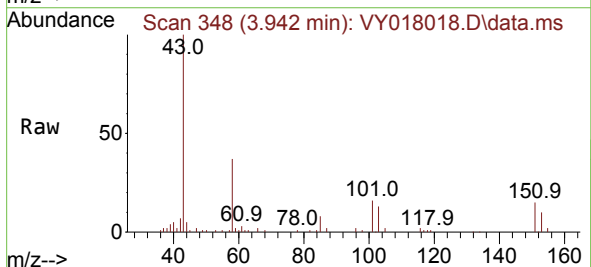


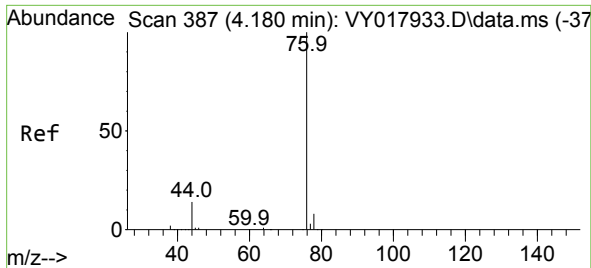
Tgt Ion: 53 Resp: 78056
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 34.8 28.4 42.6



#16
Acetone
Concen: 93.072 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 43 Resp: 54133
Ion Ratio Lower Upper
43 100
58 36.0 31.7 47.5





#17

Carbon Disulfide

Concen: 21.066 ug/l

RT: 4.192 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

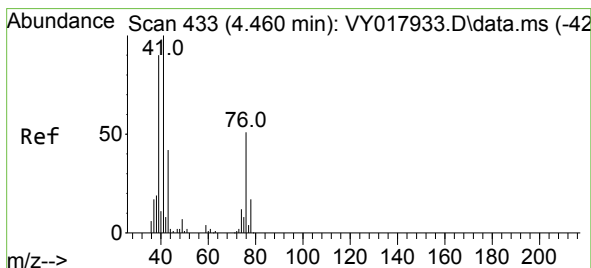
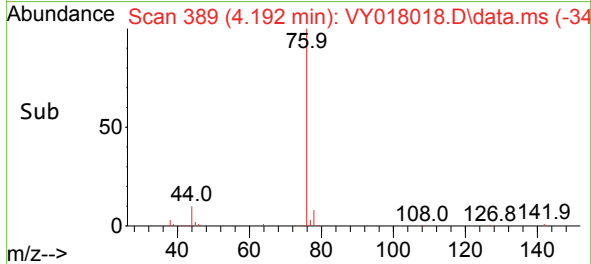
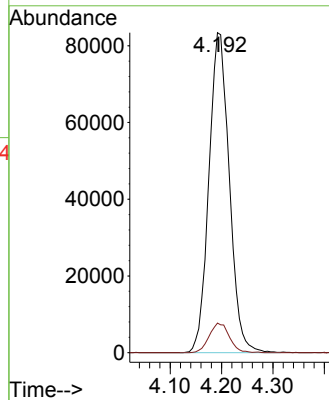
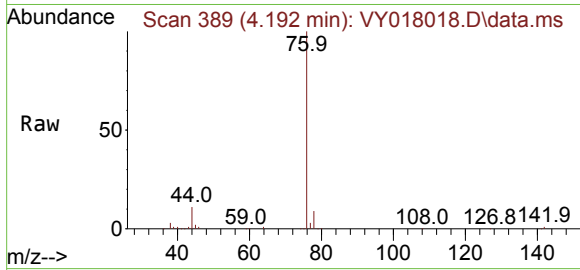
ClientSampleId :

Tgt Ion: 76 Resp: 230109

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 19.828 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018018.D

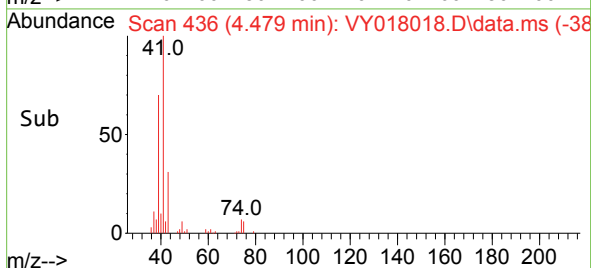
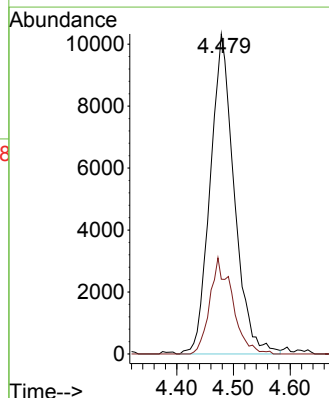
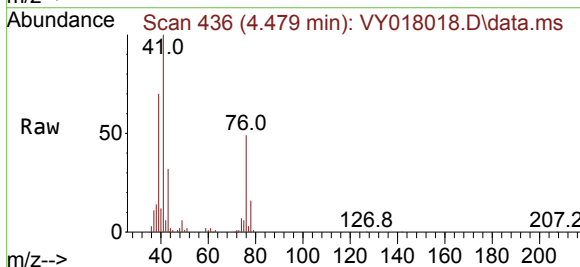
Acq: 23 Apr 2024 10:48

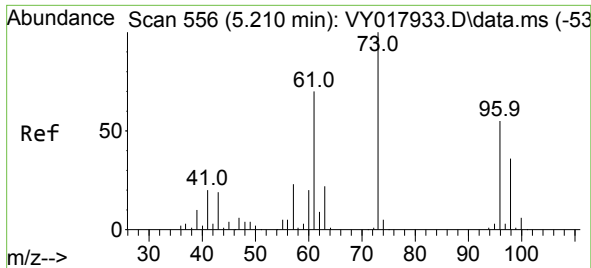
Tgt Ion: 43 Resp: 30338

Ion Ratio Lower Upper

43 100

74 28.5 23.3 34.9

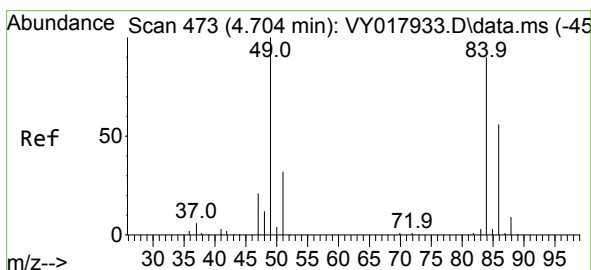
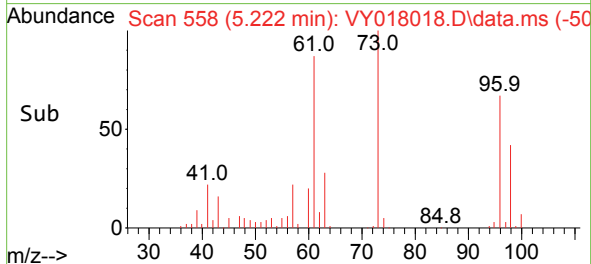
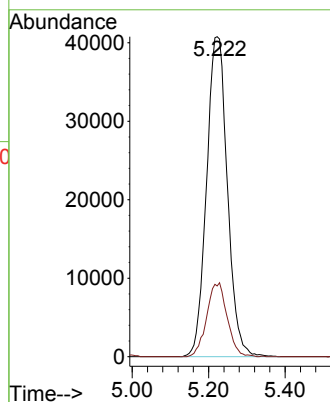
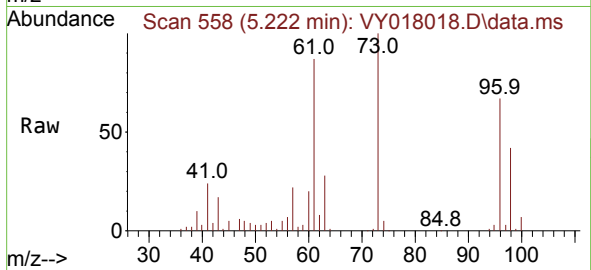




#19
Methyl tert-butyl Ether
Concen: 20.579 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

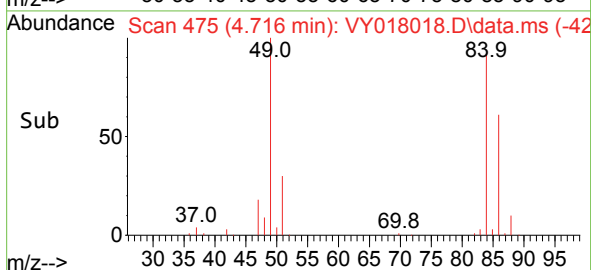
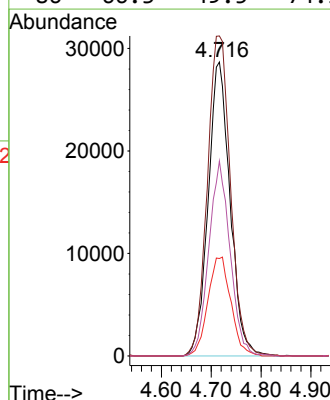
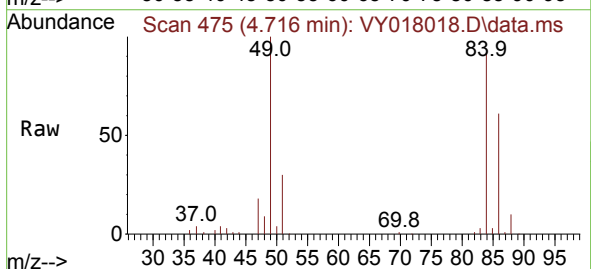
Instrument :
MSVOA_Y
ClientSampleId :

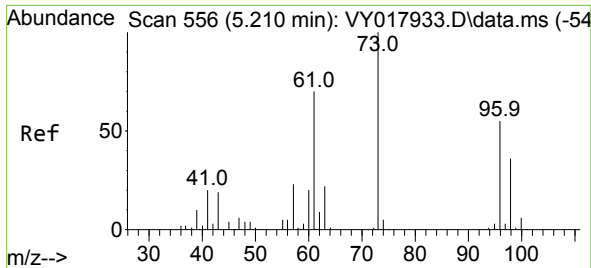
Tgt Ion: 73 Resp: 154003
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 22.266 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

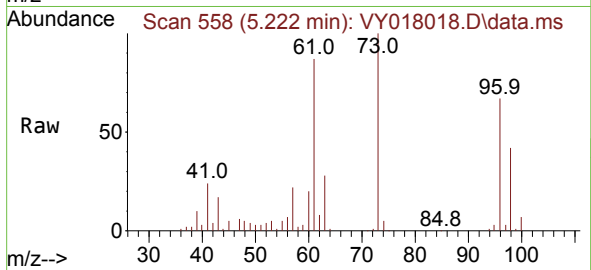
Tgt Ion: 84 Resp: 87737
Ion Ratio Lower Upper
84 100
49 108.9 84.4 126.6
51 33.2 26.0 39.0
86 66.3 49.5 74.3



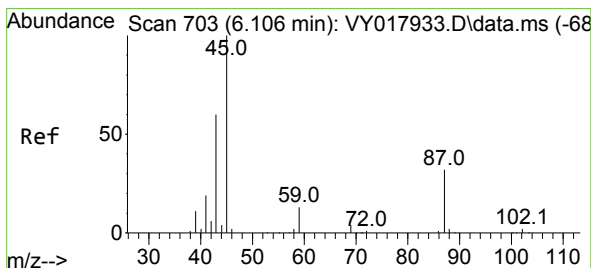
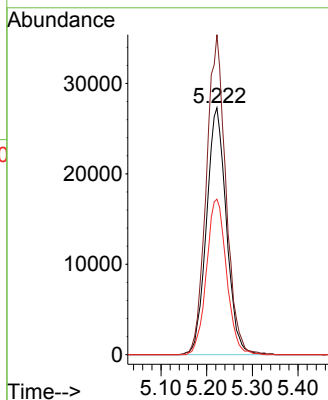
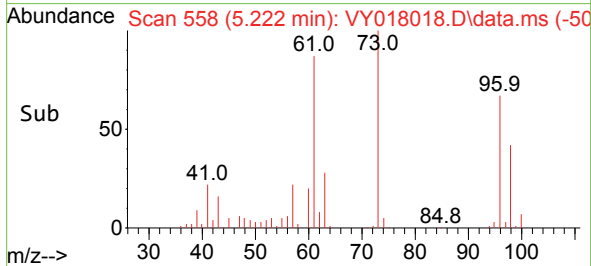


#21
trans-1,2-Dichloroethene
Concen: 21.929 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

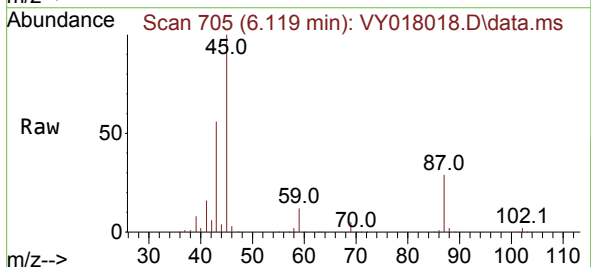
Instrument :
MSVOA_Y
ClientSampleId :



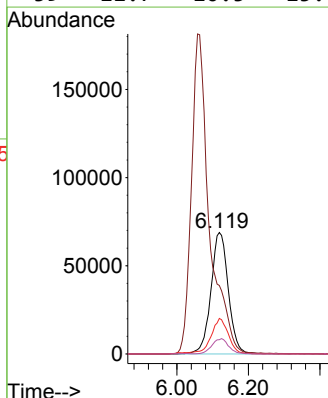
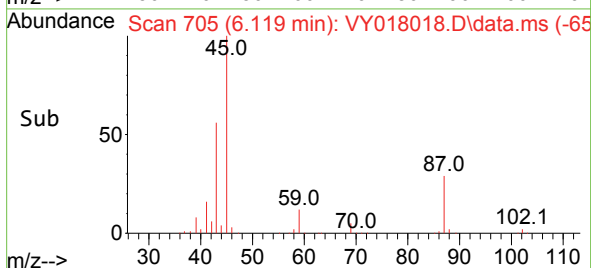
Tgt Ion: 96 Resp: 82487
Ion Ratio Lower Upper
96 100
61 129.7 97.5 146.3
98 63.0 50.5 75.7

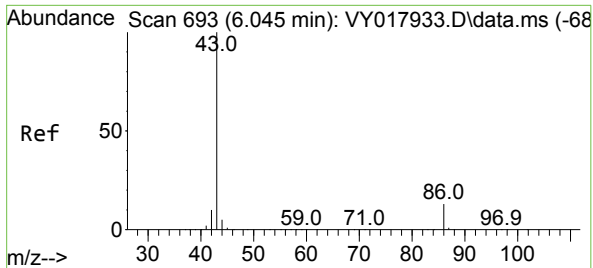


#22
Diisopropyl ether
Concen: 23.942 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48



Tgt Ion: 45 Resp: 233230
Ion Ratio Lower Upper
45 100
43 56.0 42.2 63.2
87 29.3 25.0 37.6
59 11.7 10.5 15.7

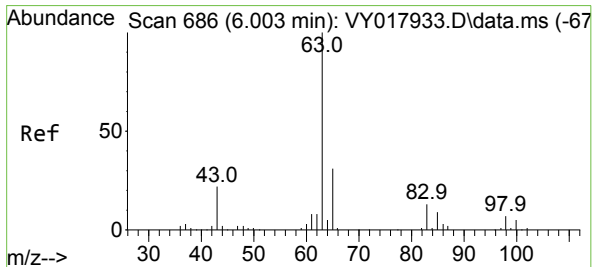
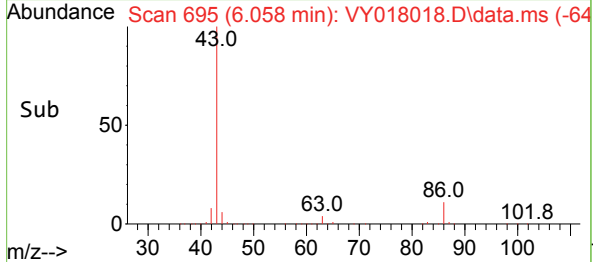
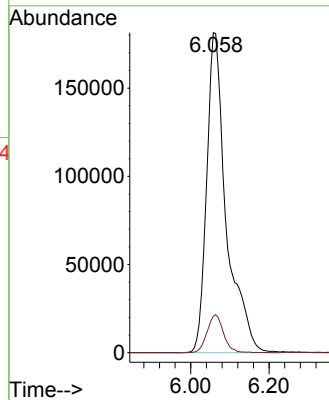
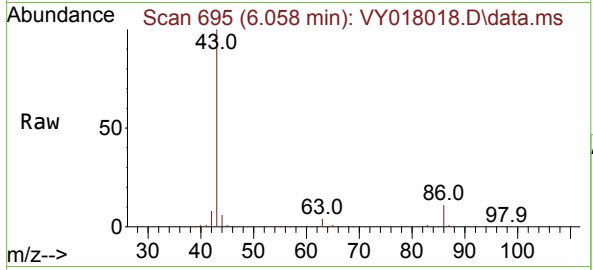




#23
 Vinyl Acetate
 Concen: 109.242 ug/l
 RT: 6.058 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

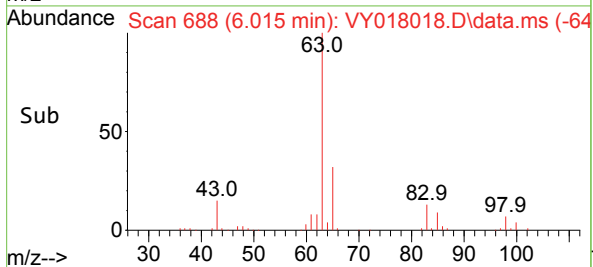
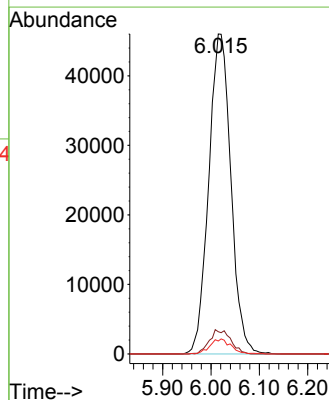
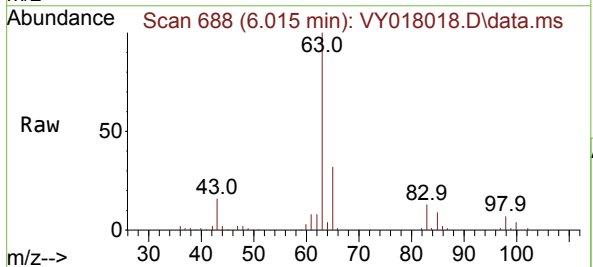
Instrument :
 MSVOA_Y
 ClientSampleId :

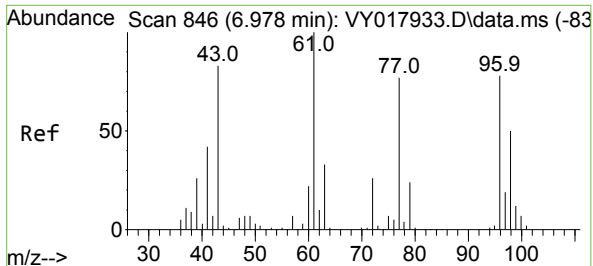
Tgt Ion: 43 Resp: 631056
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.010 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

Tgt Ion: 63 Resp: 146355
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 102.364 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

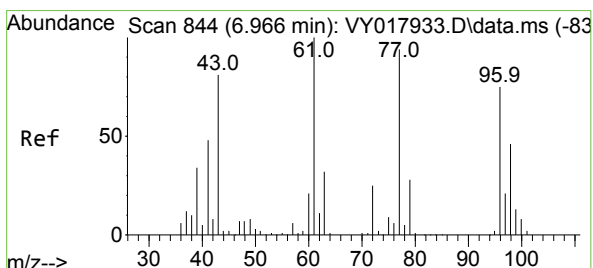
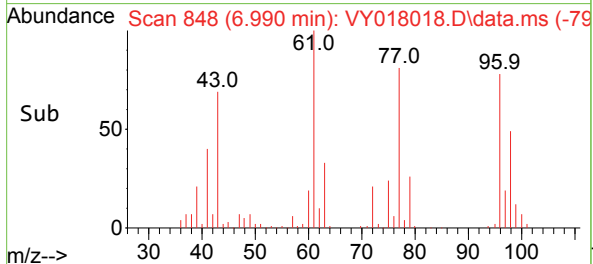
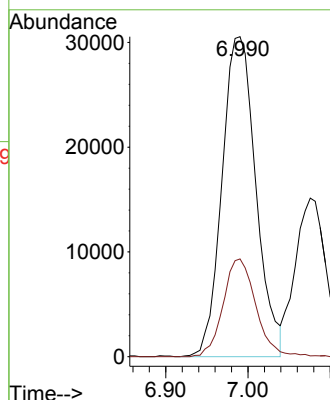
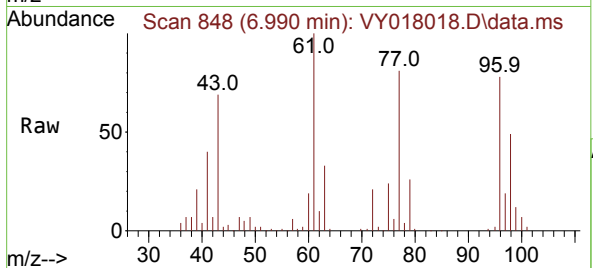
ClientSampleId :

Tgt Ion: 43 Resp: 87513

Ion Ratio Lower Upper

43 100

72 30.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 22.857 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY018018.D

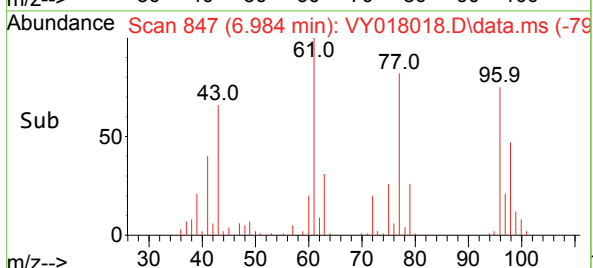
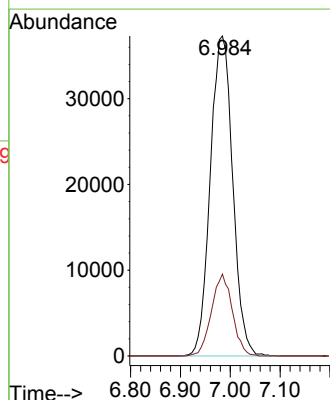
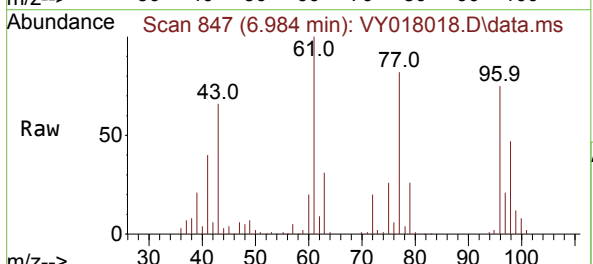
Acq: 23 Apr 2024 10:48

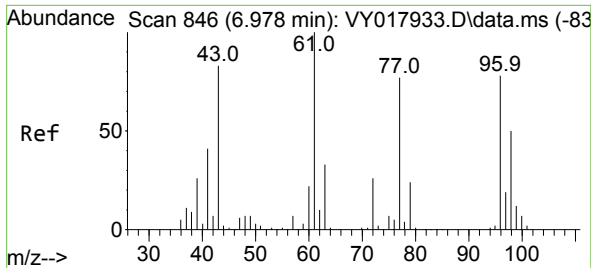
Tgt Ion: 77 Resp: 116638

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1



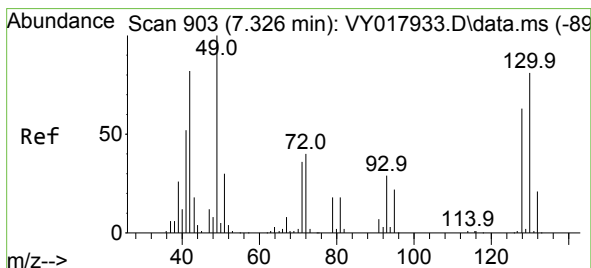
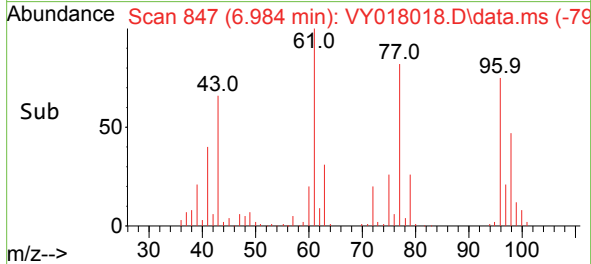
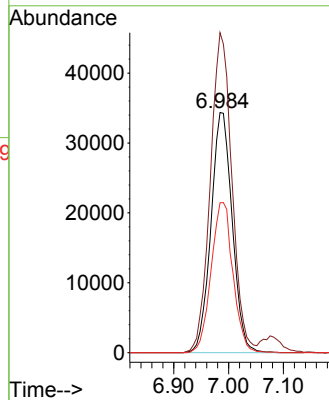
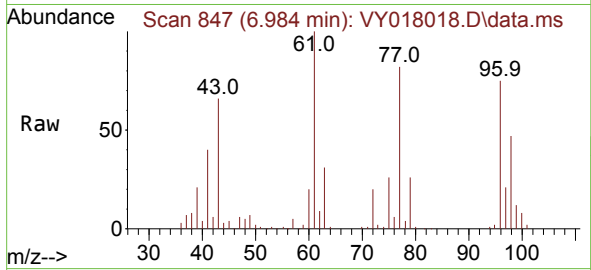


#27
 cis-1,2-Dichloroethene
 Concen: 21.535 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 92513

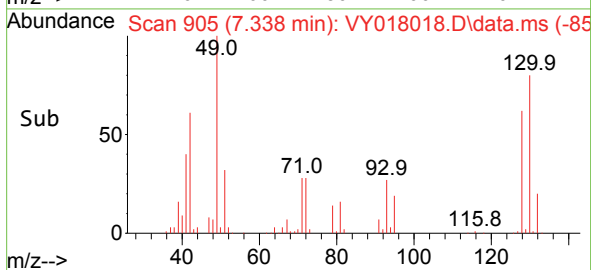
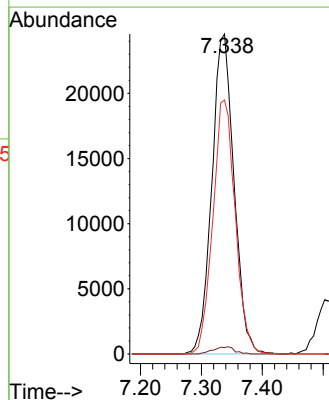
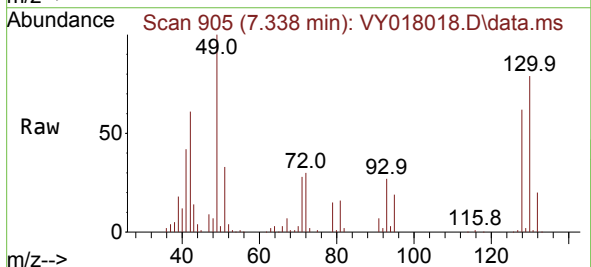
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	256.2
98	64.1	0.0	130.0

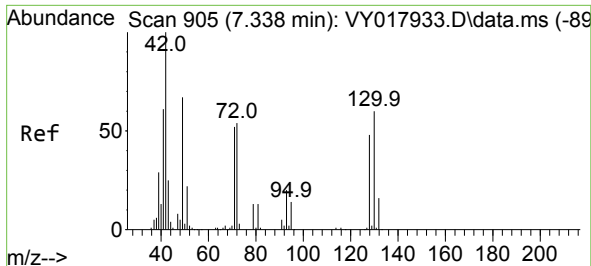


#28
 Bromochloromethane
 Concen: 24.770 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

Tgt Ion: 49 Resp: 61973

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	80.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 100.906 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018018.D

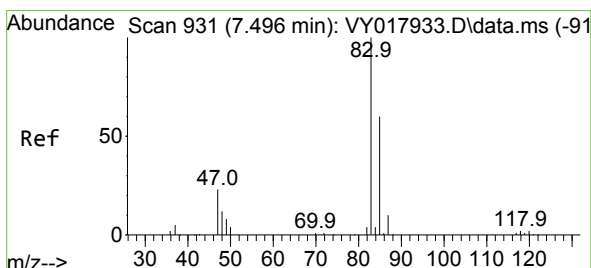
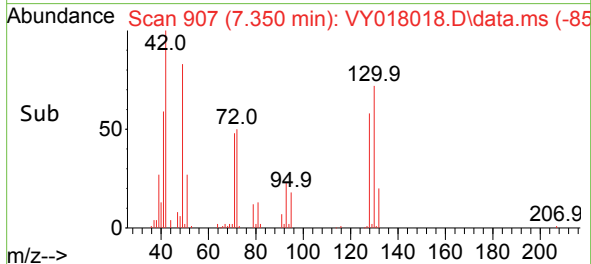
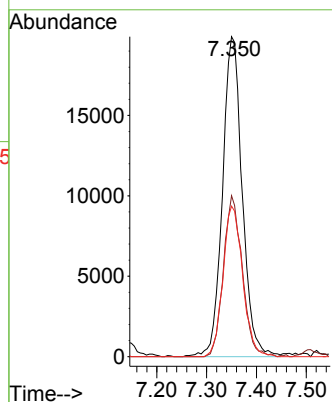
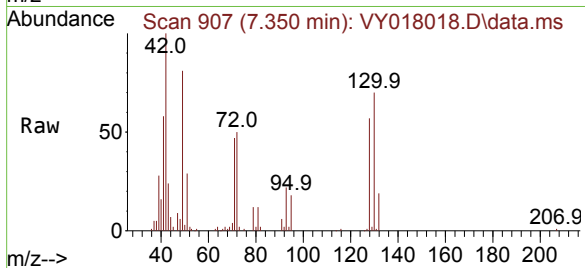
Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	54744
Ion	Ratio	Lower	Upper
42	100		
72	47.9	43.0	64.4
71	46.8	40.8	61.2



#30

Chloroform

Concen: 22.284 ug/l

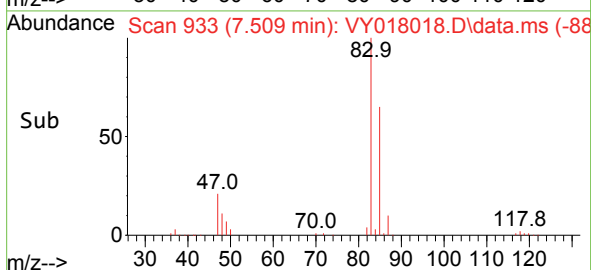
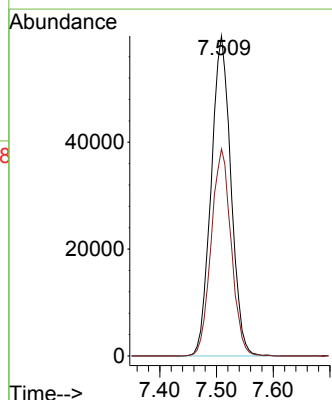
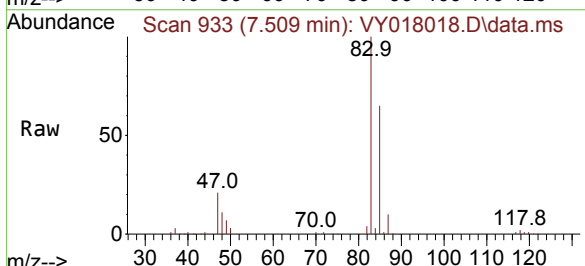
RT: 7.509 min Scan# 933

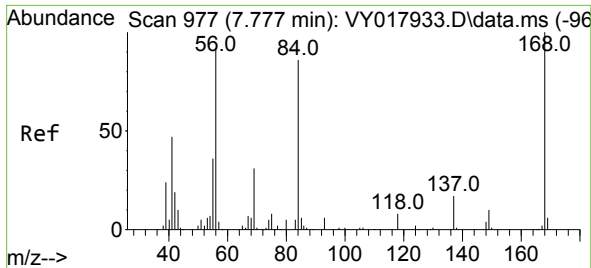
Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

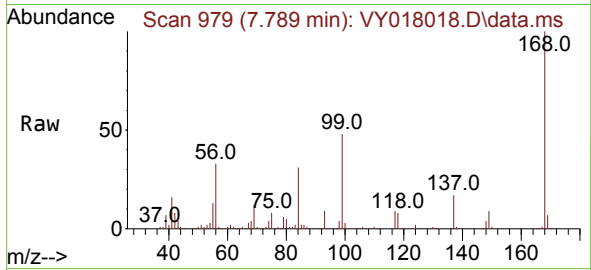
Tgt Ion:	83	Resp:	144858
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.4



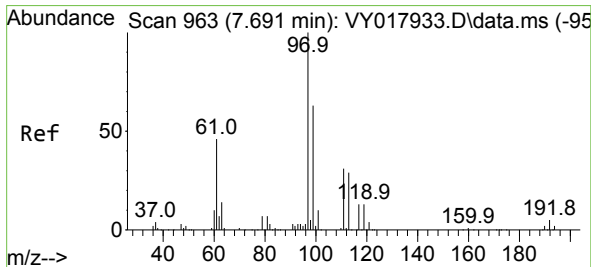
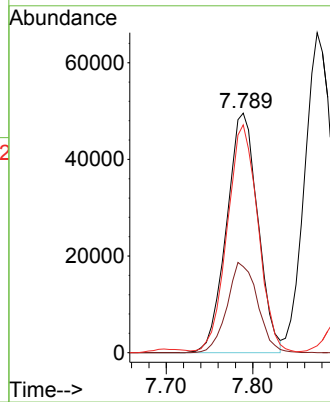
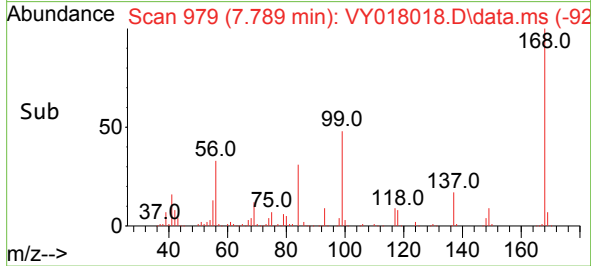


#31
Cyclohexane
Concen: 22.111 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

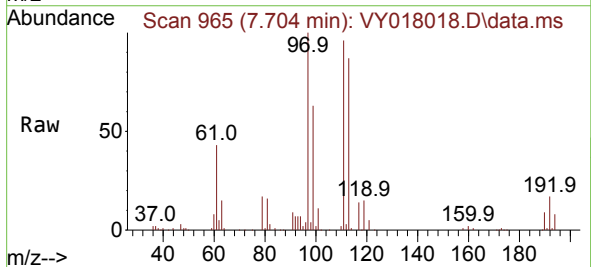
Instrument :
MSVOA_Y
ClientSampleId :



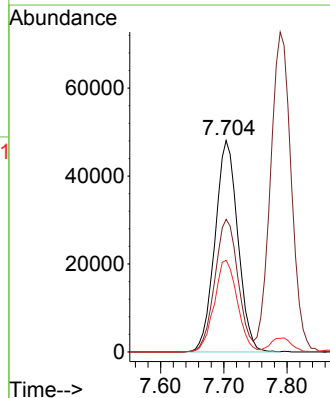
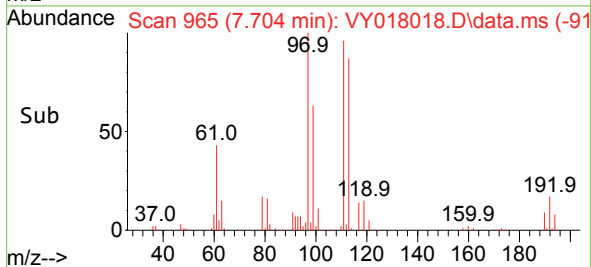
Tgt Ion: 56 Resp: 124406
Ion Ratio Lower Upper
56 100
69 35.9 28.7 43.1
84 93.9 77.7 116.5

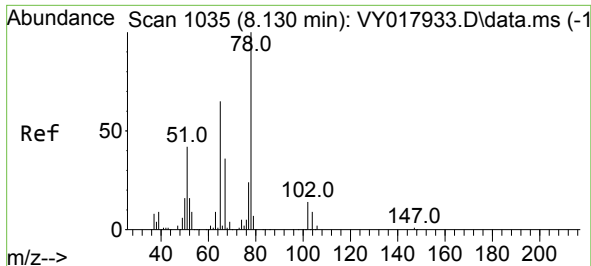


#32
1,1,1-Trichloroethane
Concen: 22.266 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48



Tgt Ion: 97 Resp: 120551
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.375 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

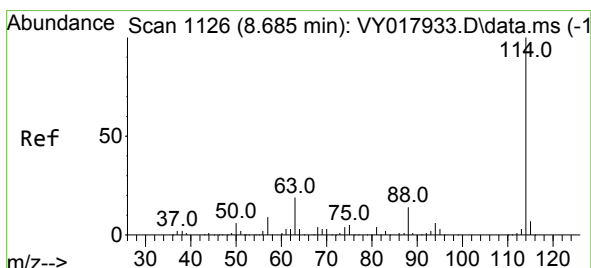
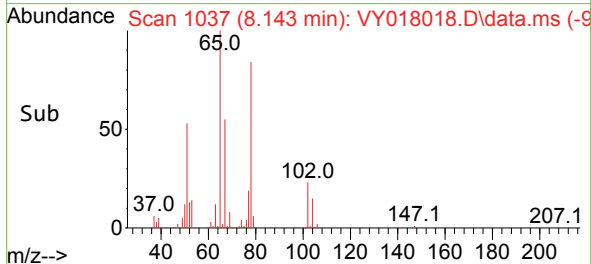
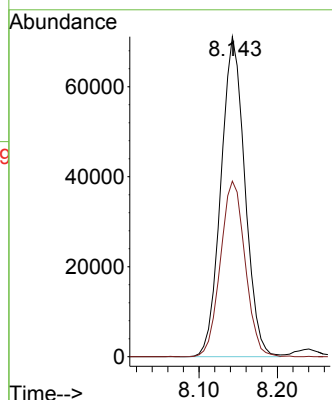
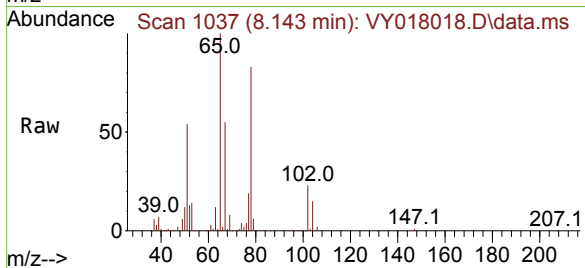
ClientSampleId :

Tgt Ion: 65 Resp: 151229

Ion Ratio Lower Upper

65 100

67 56.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

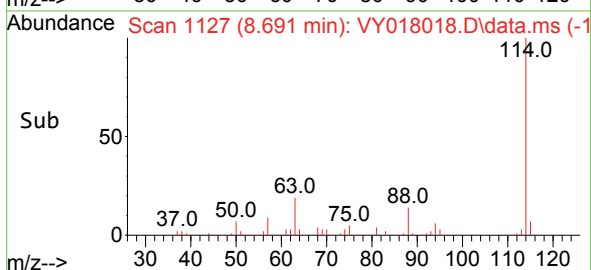
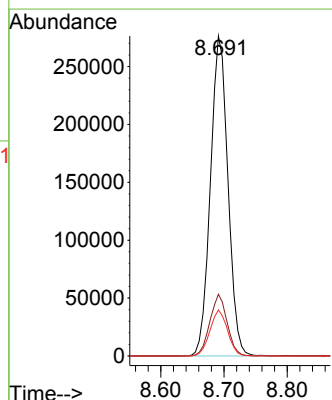
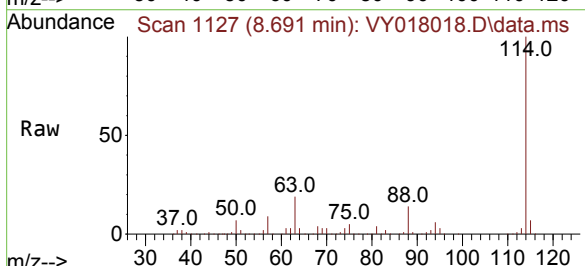
Tgt Ion: 114 Resp: 531501

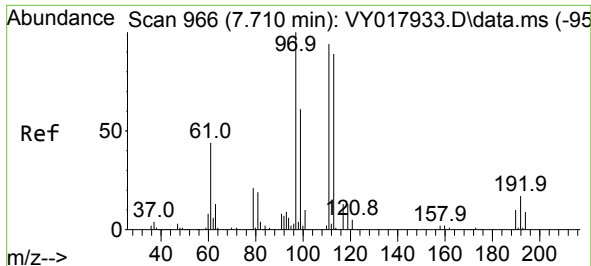
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.4 0.0 27.2

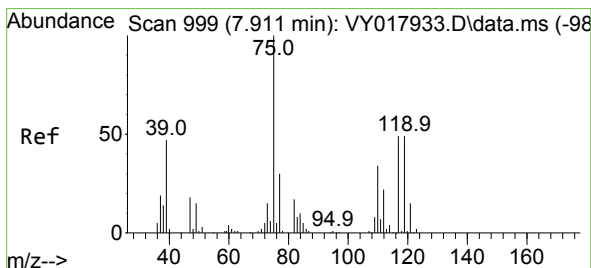
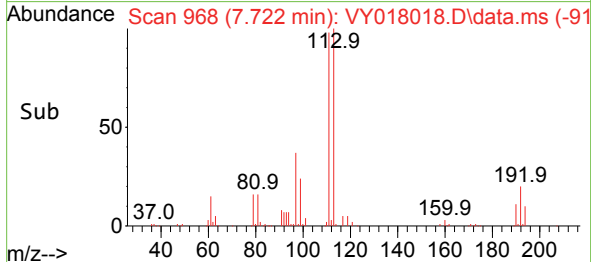
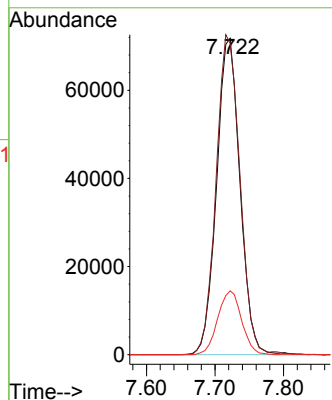
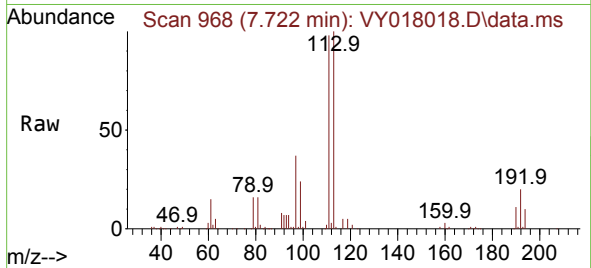




#35
Dibromofluoromethane
Concen: 51.785 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

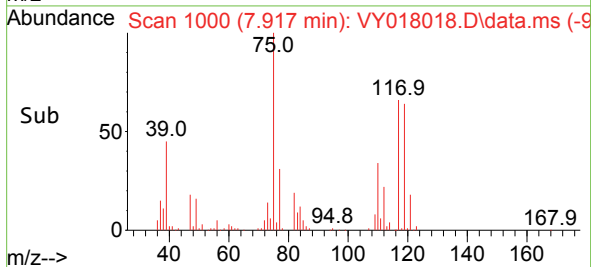
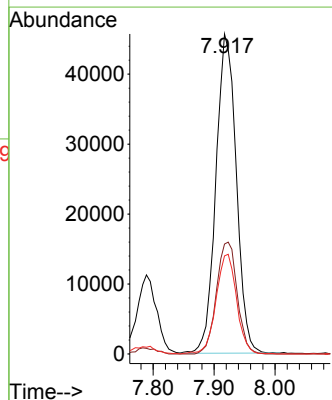
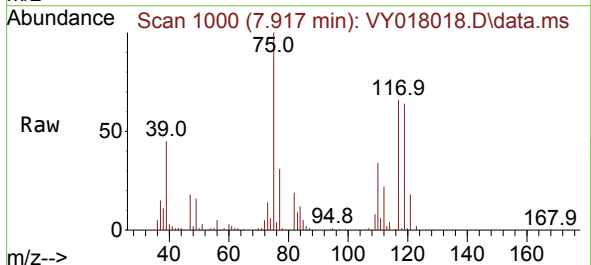
Instrument :
MSVOA_Y
ClientSampleId :

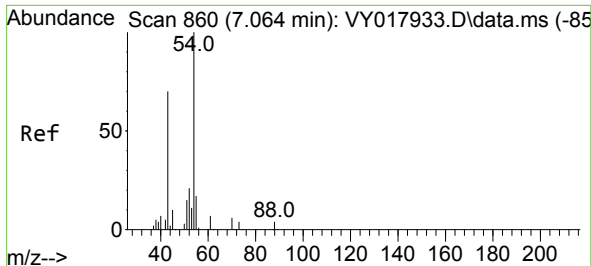
Tgt Ion:113 Resp: 169804
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 22.280 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 75 Resp: 106248
Ion Ratio Lower Upper
75 100
110 35.6 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 21.481 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

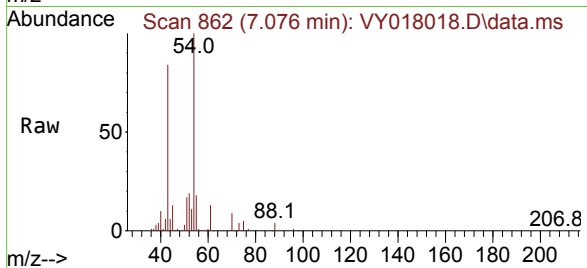
Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :



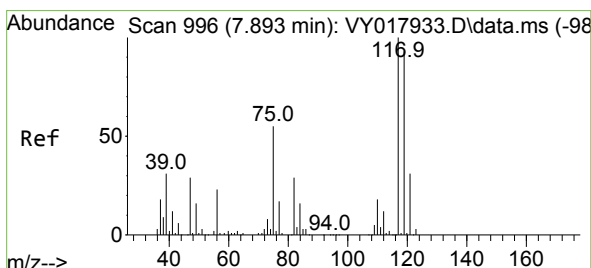
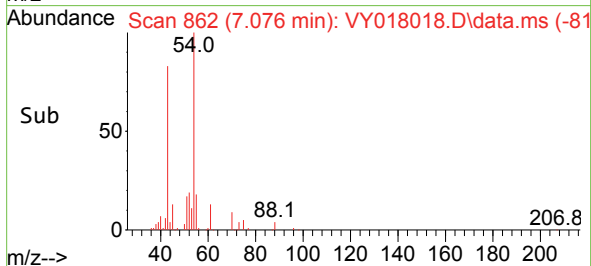
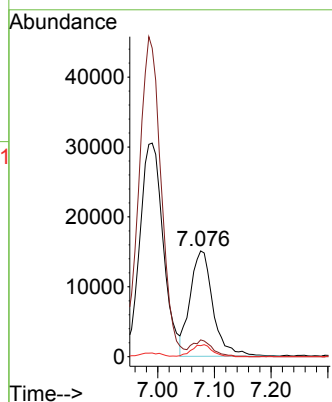
Tgt Ion: 43 Resp: 42145

Ion Ratio Lower Upper

43 100

61 14.1 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.373 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

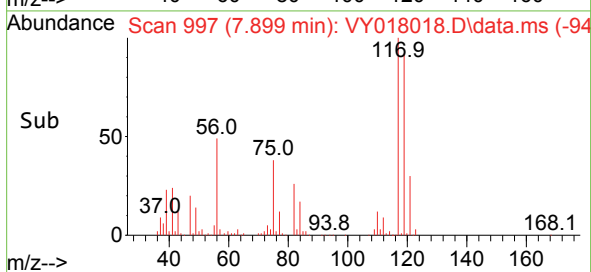
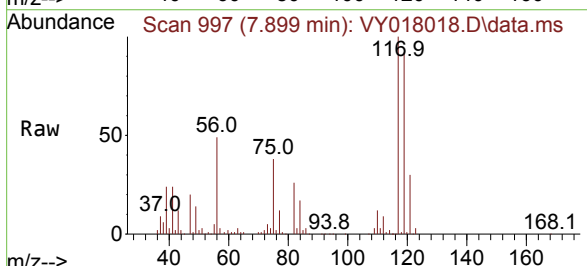
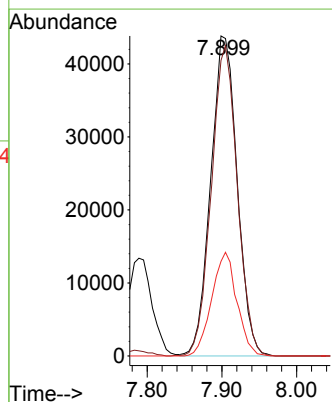
Tgt Ion: 117 Resp: 107788

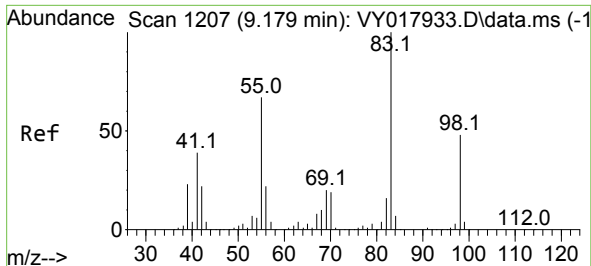
Ion Ratio Lower Upper

117 100

119 92.3 75.8 113.6

121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 21.017 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

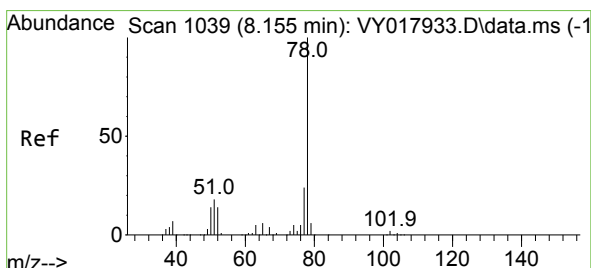
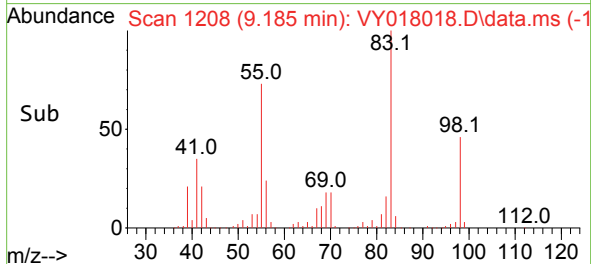
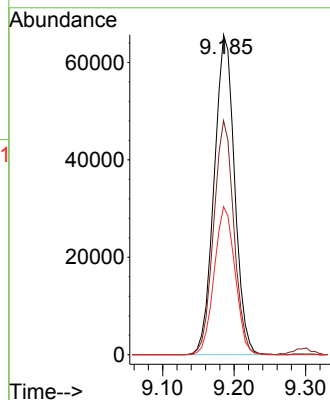
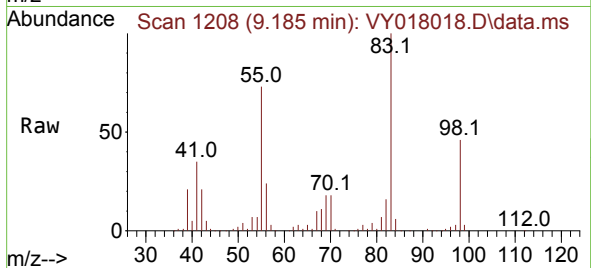
Tgt Ion: 83 Resp: 130609

Ion Ratio Lower Upper

83 100

55 73.2 51.5 77.3

98 46.3 40.5 60.7



#40

Benzene

Concen: 22.611 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY018018.D

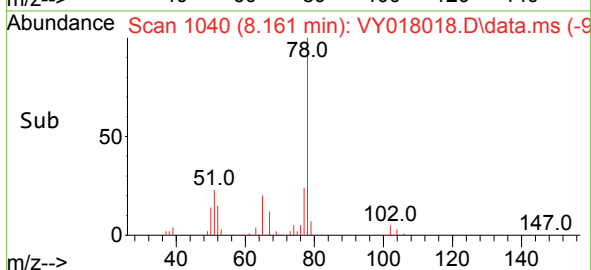
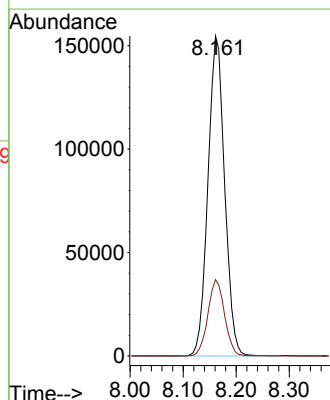
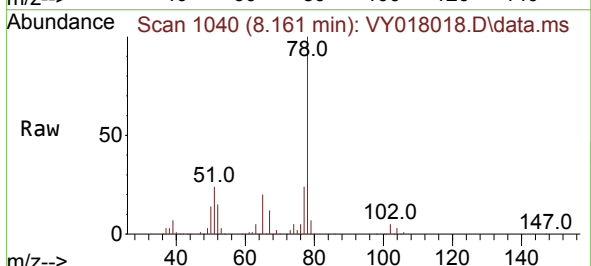
Acq: 23 Apr 2024 10:48

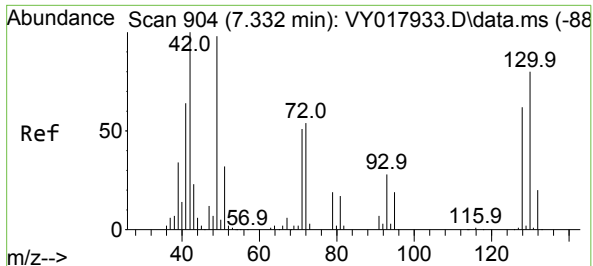
Tgt Ion: 78 Resp: 337746

Ion Ratio Lower Upper

78 100

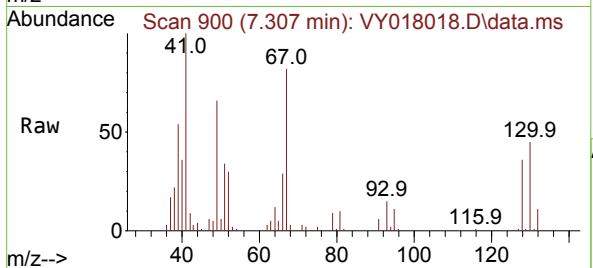
77 23.9 19.5 29.3



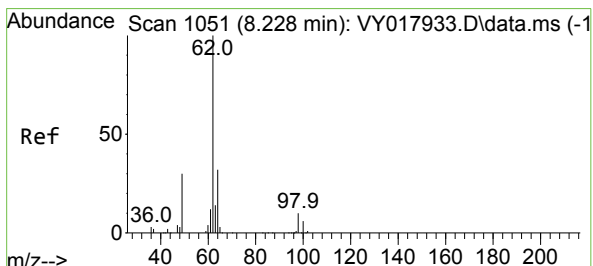
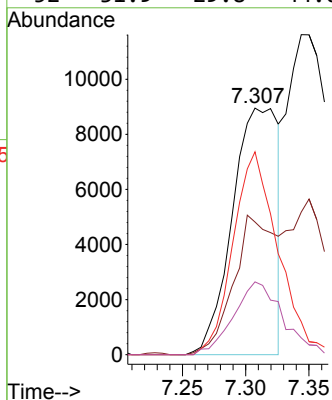
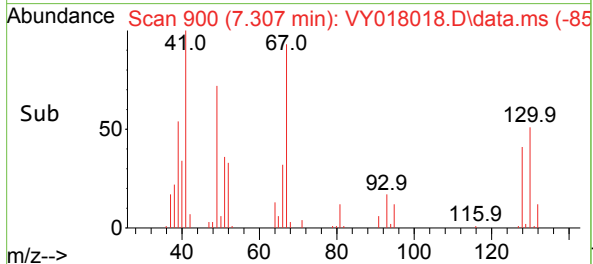


#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Instrument :
MSVOA_Y
ClientSampleId :

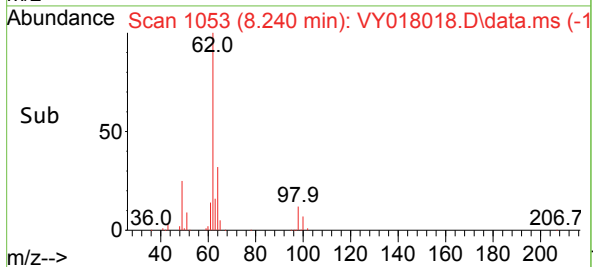
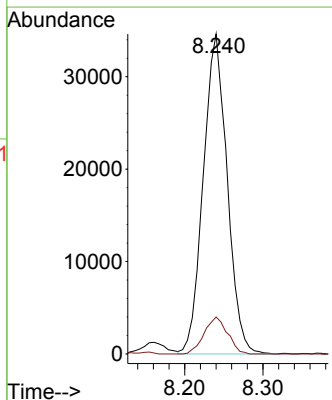
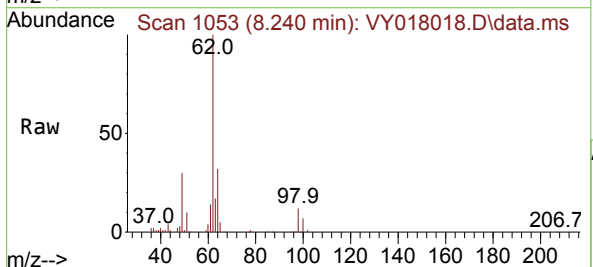


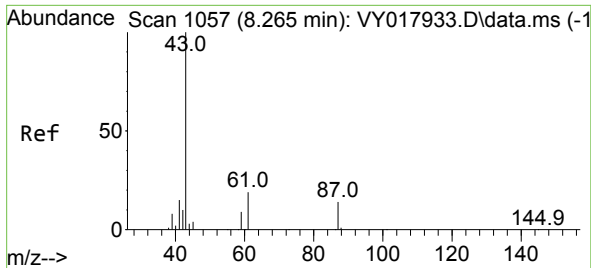
Tgt Ion: 41 Resp: 22555
Ion Ratio Lower Upper
41 100
39 51.6 48.0 72.0
67 81.5 75.1 112.7
52 31.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.447 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 62 Resp: 73403
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 20.581 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

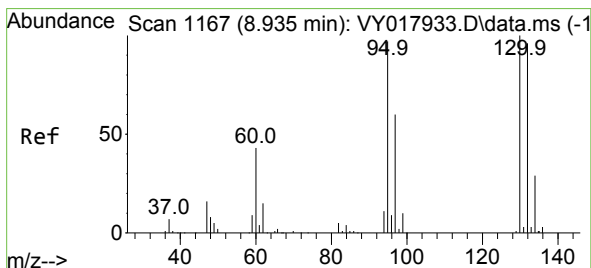
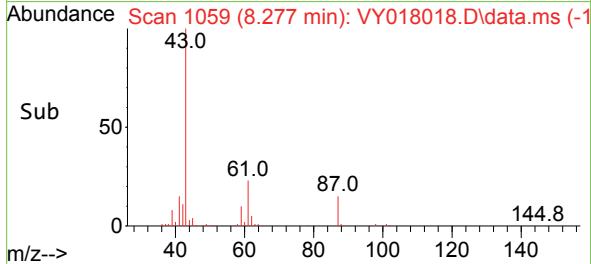
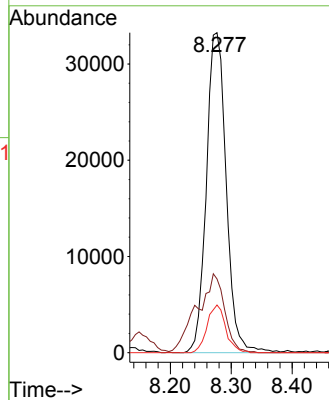
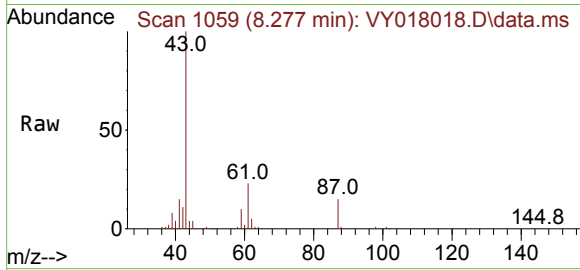
Tgt Ion: 43 Resp: 75269

Ion Ratio Lower Upper

43 100

61 34.4 27.9 41.9

87 14.0 13.1 19.7



#44

Trichloroethene

Concen: 21.943 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY018018.D

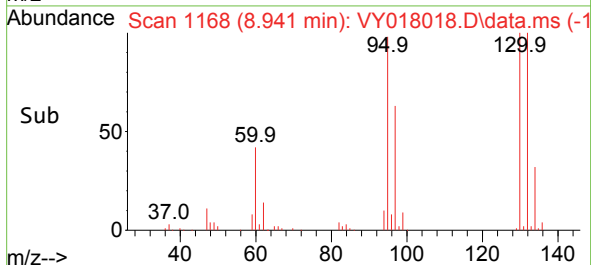
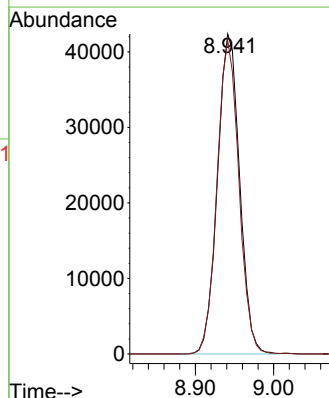
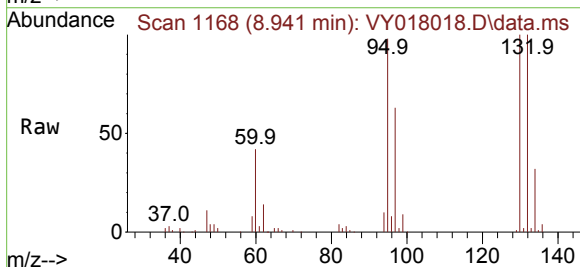
Acq: 23 Apr 2024 10:48

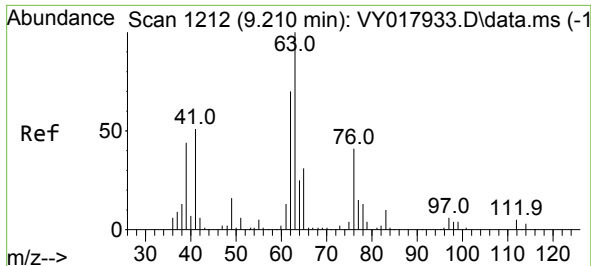
Tgt Ion:130 Resp: 83289

Ion Ratio Lower Upper

130 100

95 98.0 0.0 188.0

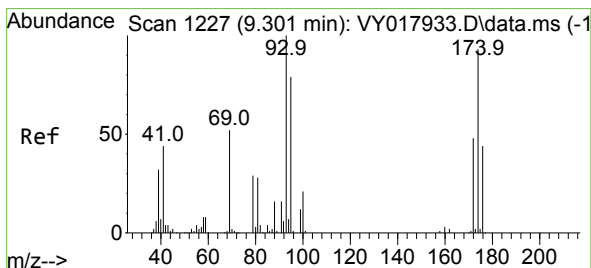
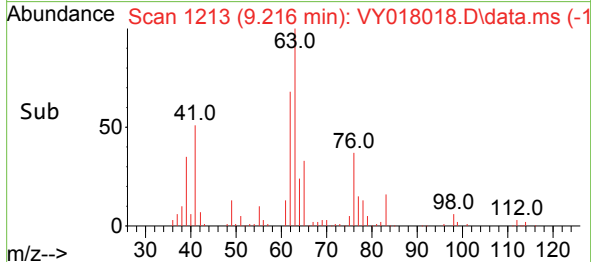
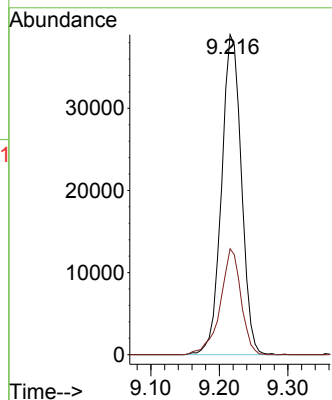
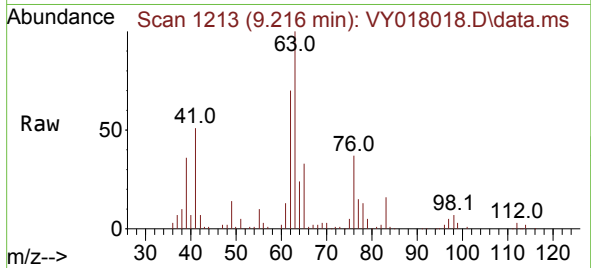




#45
1,2-Dichloropropane
Concen: 22.745 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

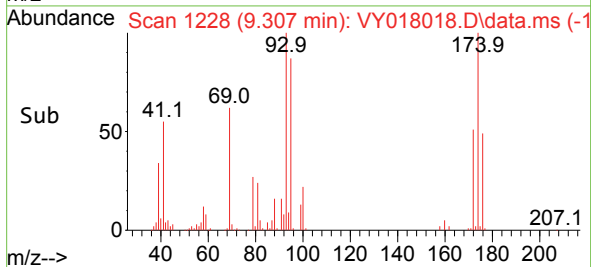
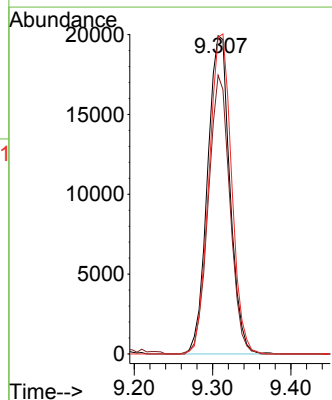
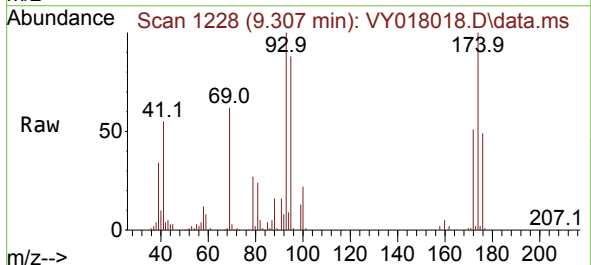
Instrument :
MSVOA_Y
ClientSampleId :

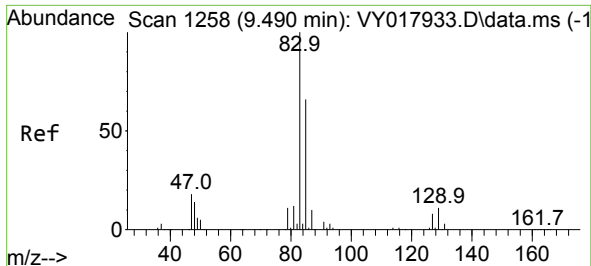
Tgt Ion: 63 Resp: 78207
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.2



#46
Dibromomethane
Concen: 20.760 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 93 Resp: 39484
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.4
174 101.7 80.9 121.3

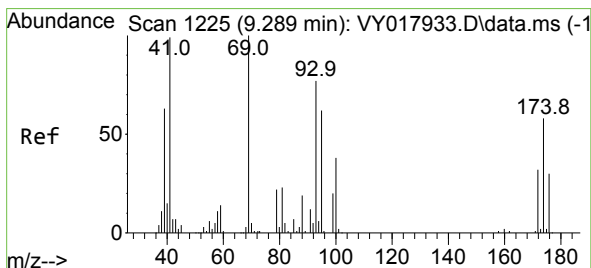
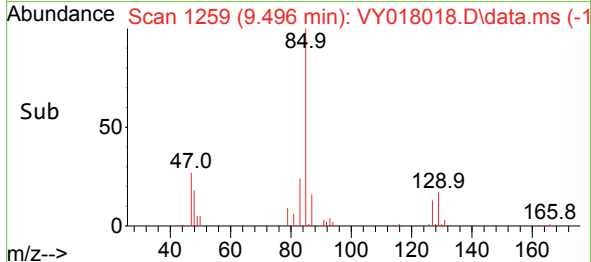
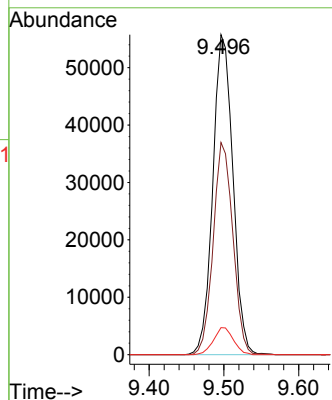
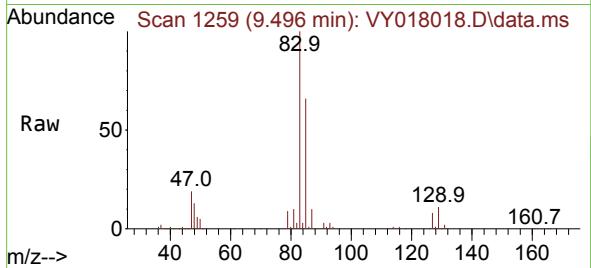




#47
Bromodichloromethane
Concen: 21.843 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

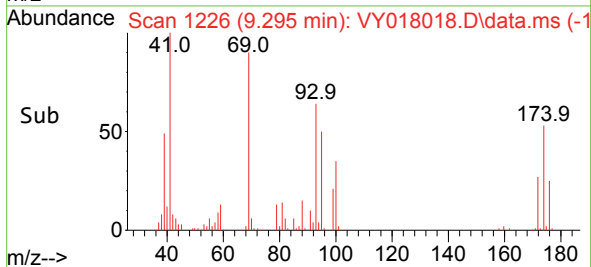
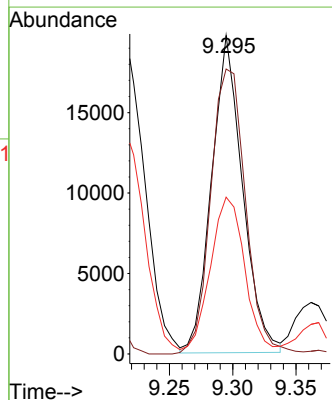
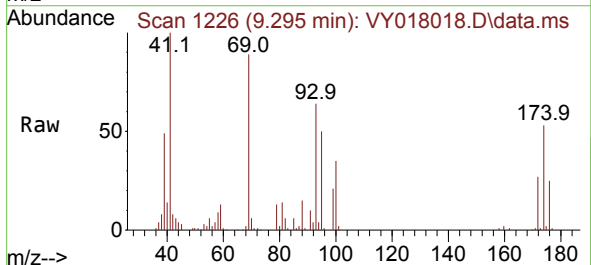
Instrument :
MSVOA_Y
ClientSampleId :

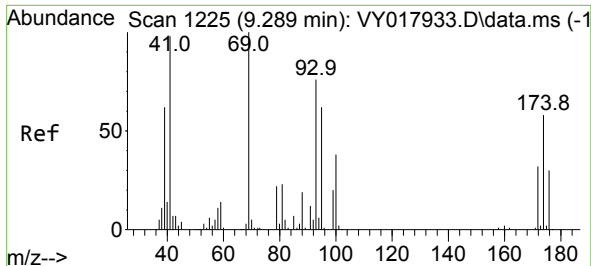
Tgt Ion: 83 Resp: 104227
Ion Ratio Lower Upper
83 100
85 66.3 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 20.031 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

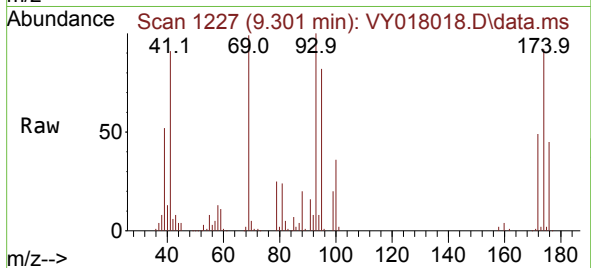
Tgt Ion: 41 Resp: 33569
Ion Ratio Lower Upper
41 100
69 101.1 84.1 126.1
39 52.4 43.6 65.4



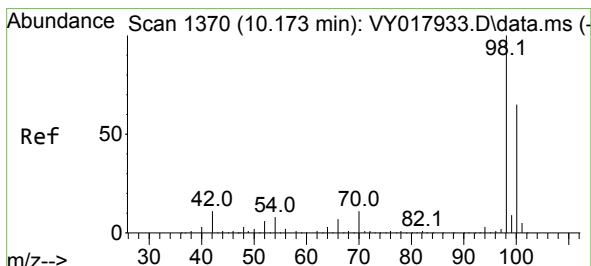
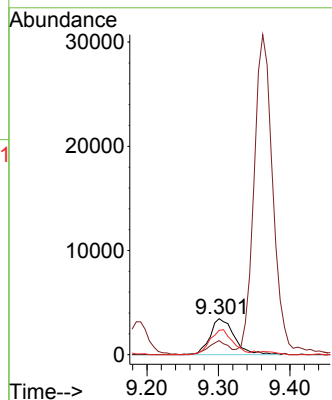
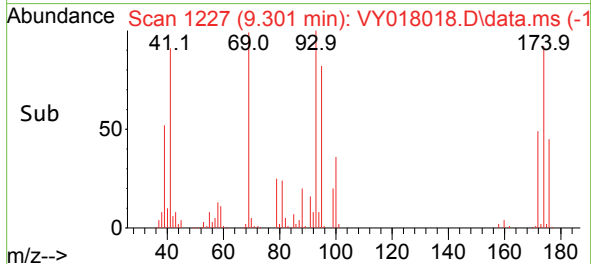


#49
1,4-Dioxane
Concen: 375.363 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Instrument :
MSVOA_Y
ClientSampleId :

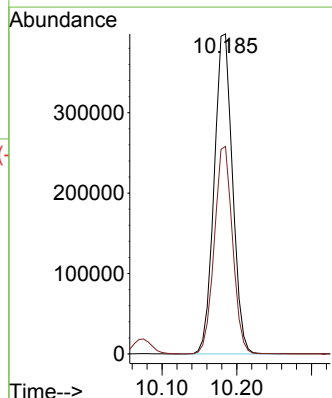
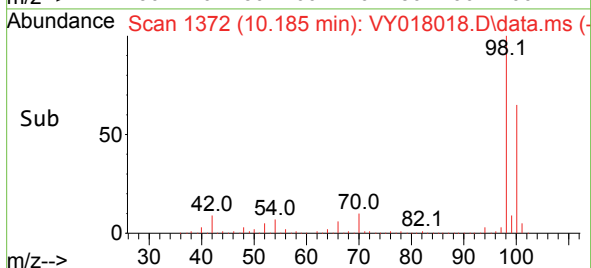
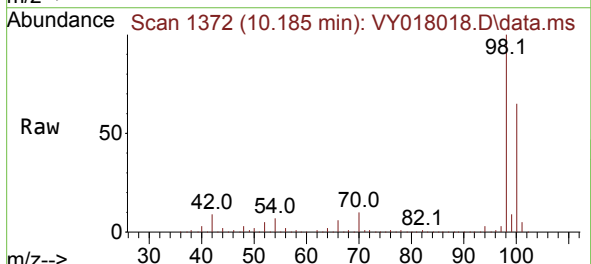


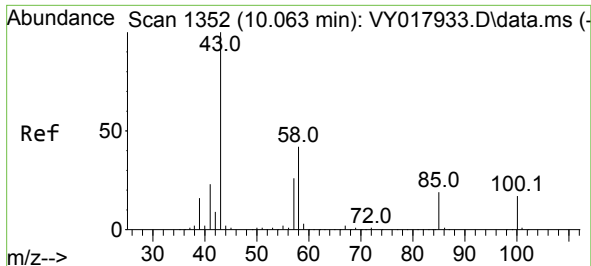
Tgt Ion: 88 Resp: 8150
Ion Ratio Lower Upper
88 100
43 31.3 0.0 0.0#
58 65.1 49.3 73.9



#50
Toluene-d8
Concen: 54.680 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 98 Resp: 680345
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 102.624 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

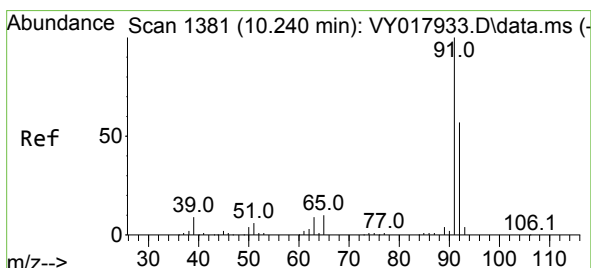
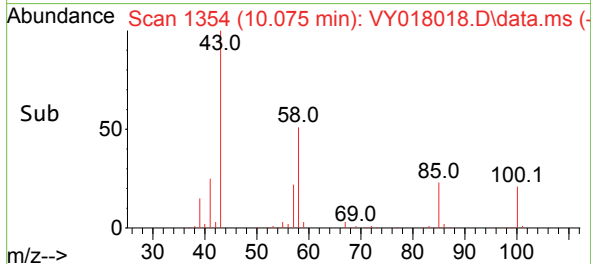
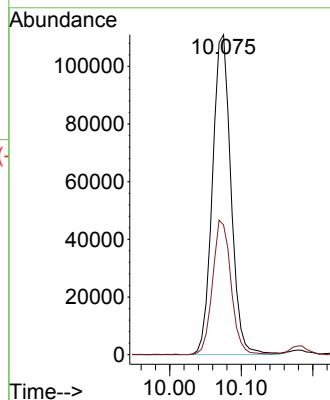
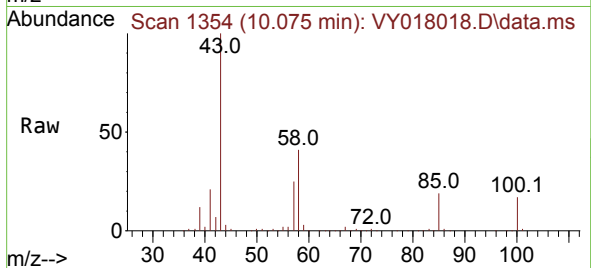
ClientSampleId :

Tgt Ion: 43 Resp: 198965

Ion Ratio Lower Upper

43 100

58 42.0 35.7 53.5



#52

Toluene

Concen: 22.253 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY018018.D

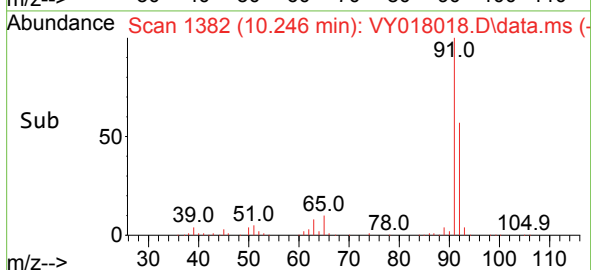
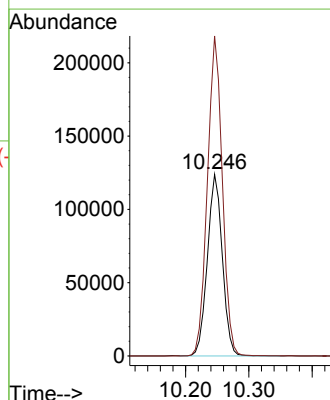
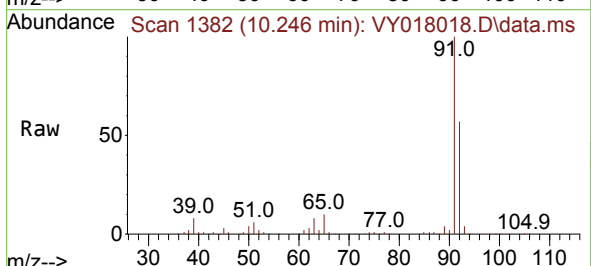
Acq: 23 Apr 2024 10:48

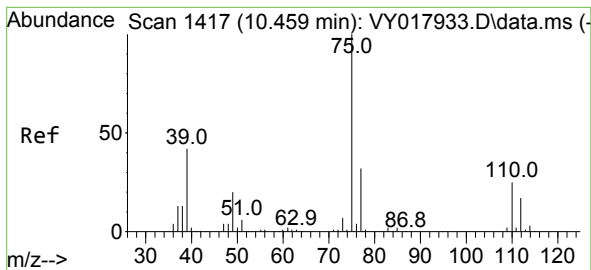
Tgt Ion: 92 Resp: 203972

Ion Ratio Lower Upper

92 100

91 176.0 139.0 208.6

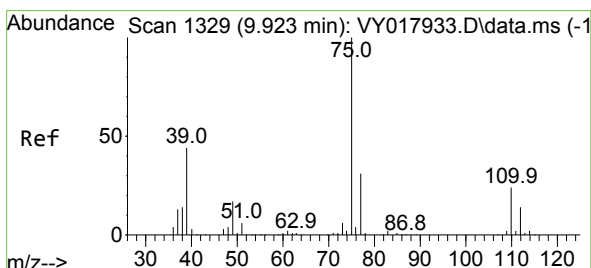
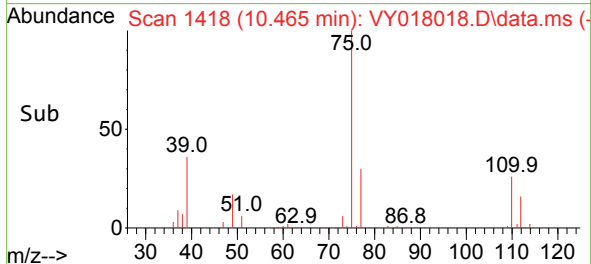
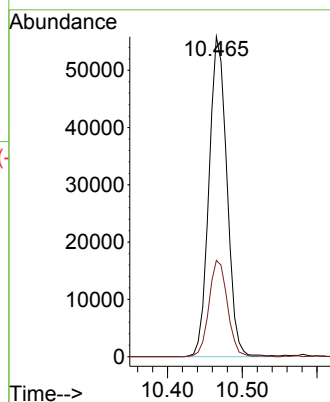
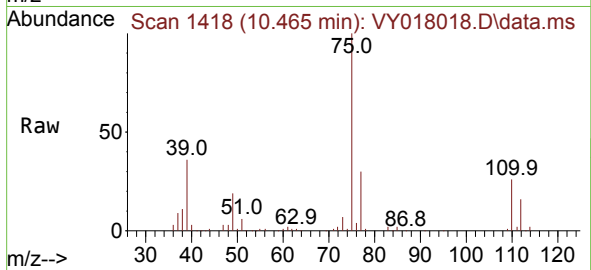




#53
 t-1,3-Dichloropropene
 Concen: 21.313 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

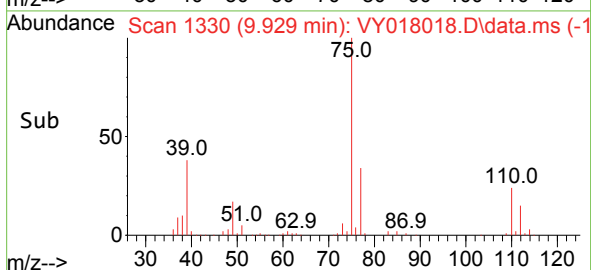
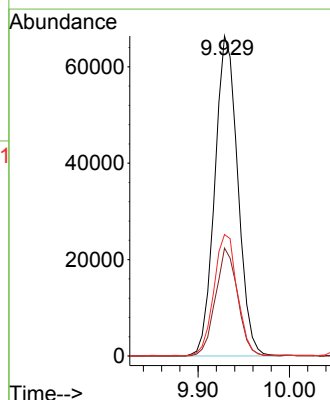
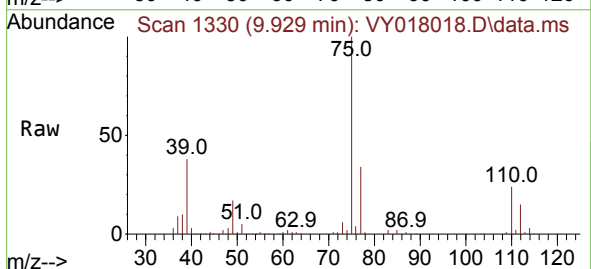
Instrument :
 MSVOA_Y
 ClientSampleId :

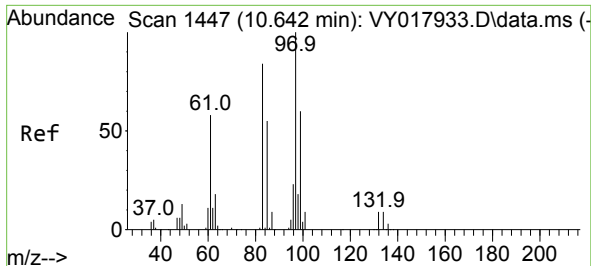
Tgt Ion: 75 Resp: 92842
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.671 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY018018.D
 Acq: 23 Apr 2024 10:48

Tgt Ion: 75 Resp: 115968
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0
 39 37.8 29.8 44.6

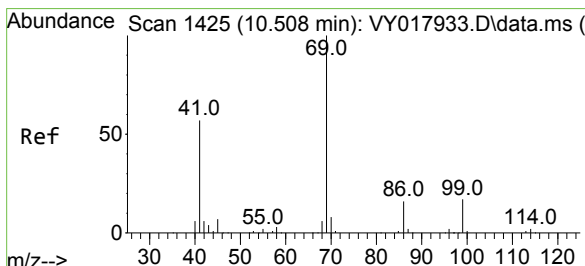
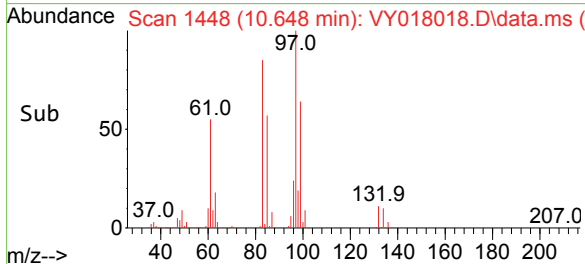
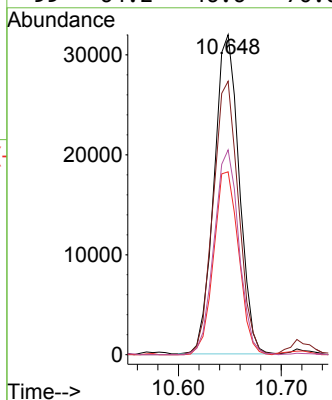
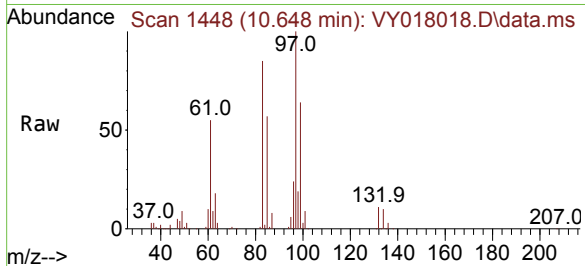




#55
1,1,2-Trichloroethane
Concen: 20.891 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

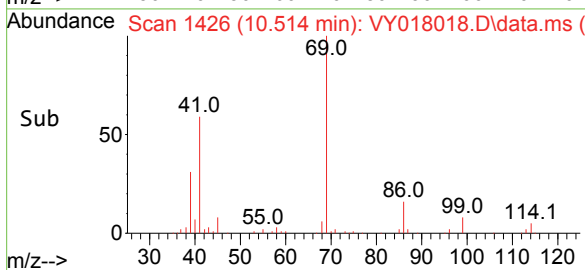
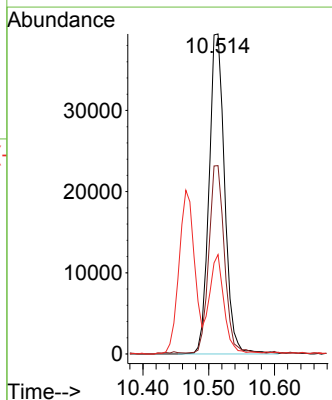
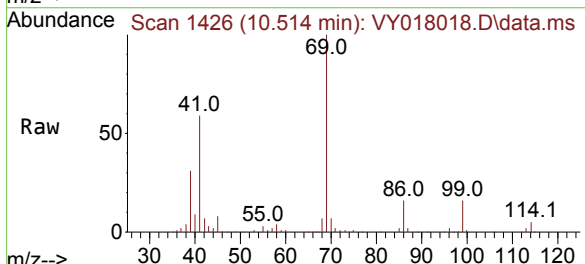
Instrument :
MSVOA_Y
ClientSampleId :

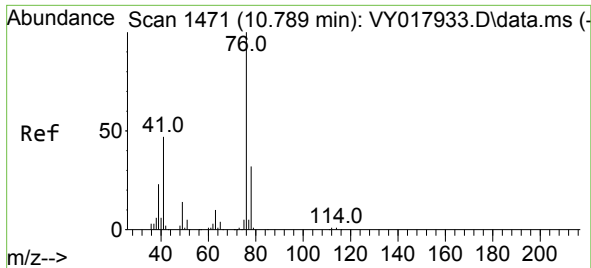
Tgt Ion:	97	Resp:	54012
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.5	101.3
85	57.3	42.9	64.3
99	64.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 19.385 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion:	69	Resp:	65340
Ion	Ratio	Lower	Upper
69	100		
41	58.2	42.3	63.5
39	28.7	22.9	34.3





#57

1,3-Dichloropropane

Concen: 21.273 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

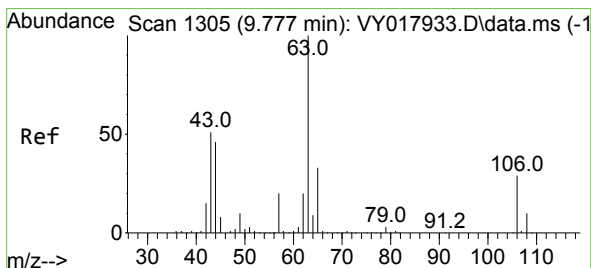
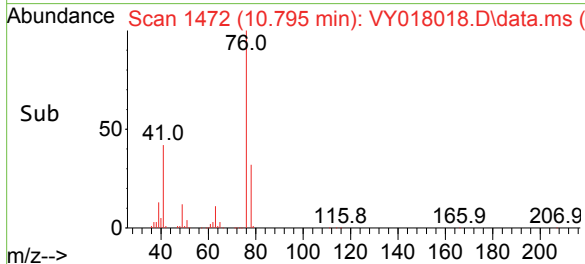
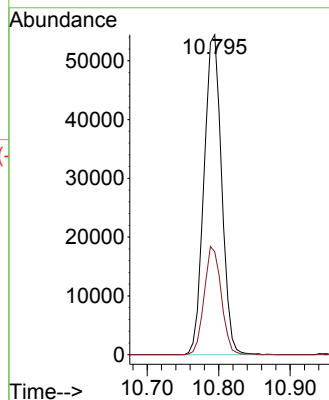
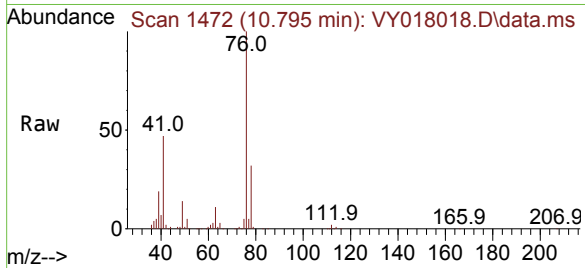
ClientSampleId :

Tgt Ion: 76 Resp: 93133

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.140 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018018.D

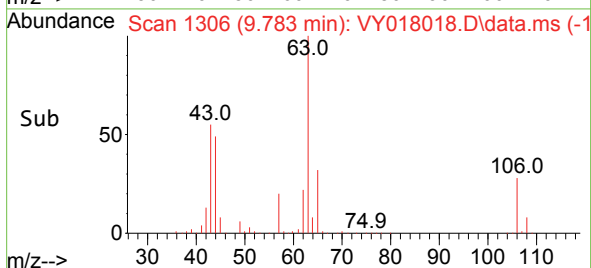
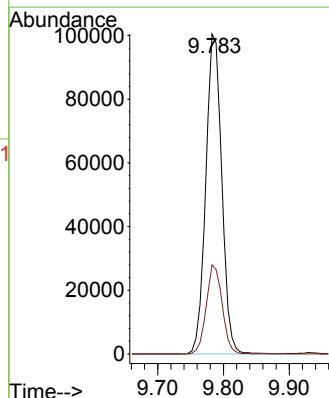
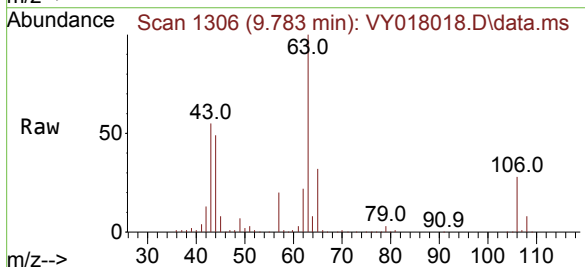
Acq: 23 Apr 2024 10:48

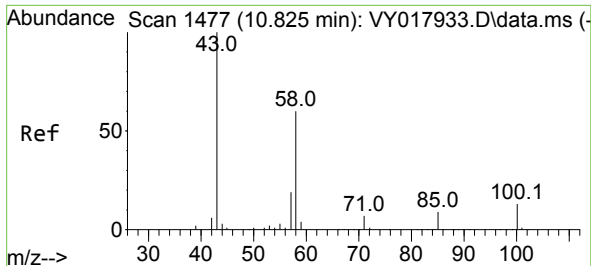
Tgt Ion: 63 Resp: 170192

Ion Ratio Lower Upper

63 100

106 27.6 23.7 35.5

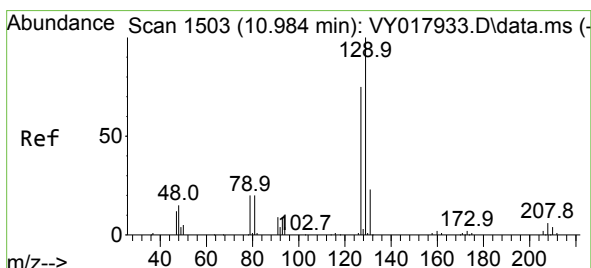
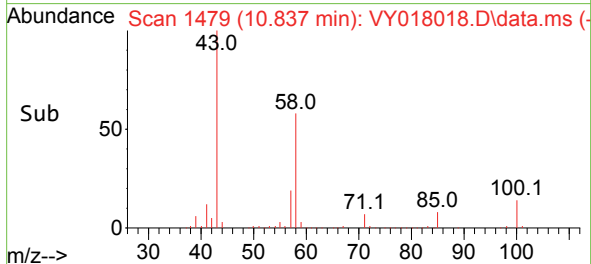
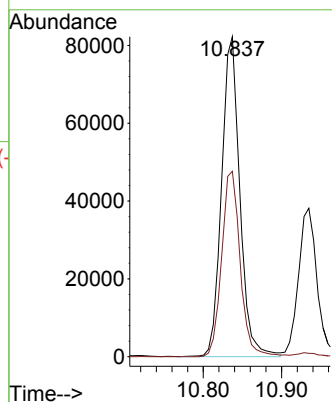
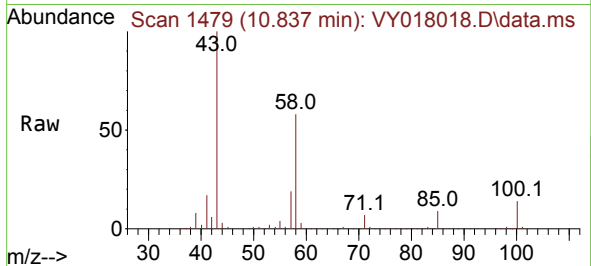




#59
2-Hexanone
Concen: 100.795 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

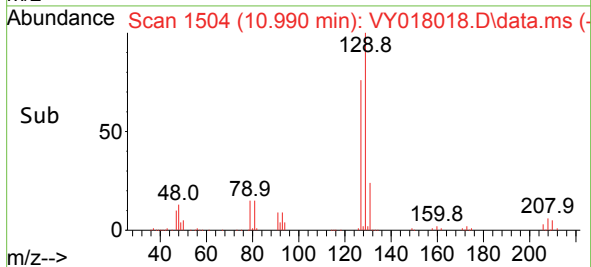
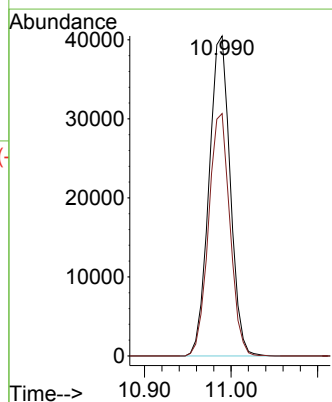
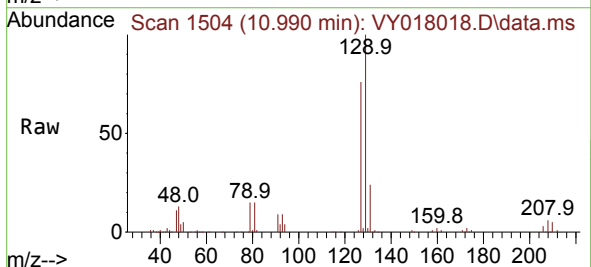
Instrument :
MSVOA_Y
ClientSampleId :

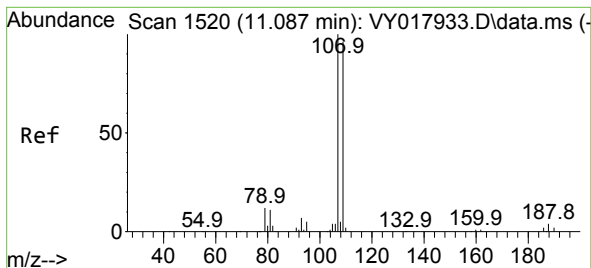
Tgt Ion: 43 Resp: 133399
Ion Ratio Lower Upper
43 100
58 58.9 31.4 94.0



#60
Dibromochloromethane
Concen: 20.727 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 129 Resp: 68872
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.228 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

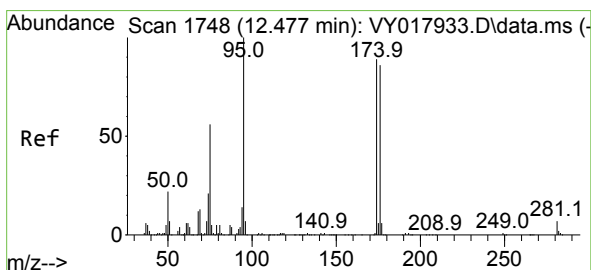
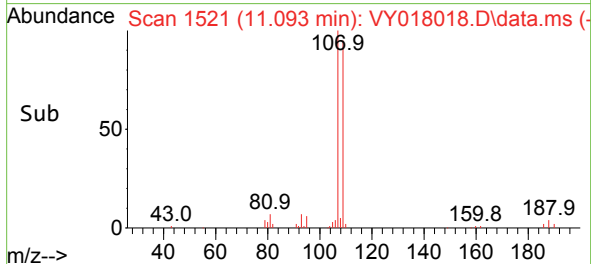
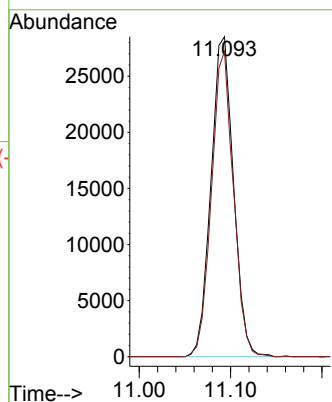
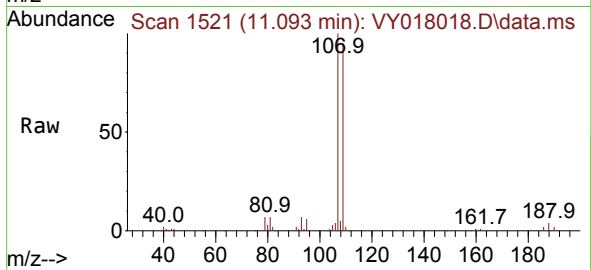
ClientSampleId :

Tgt Ion:107 Resp: 48740

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.008 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

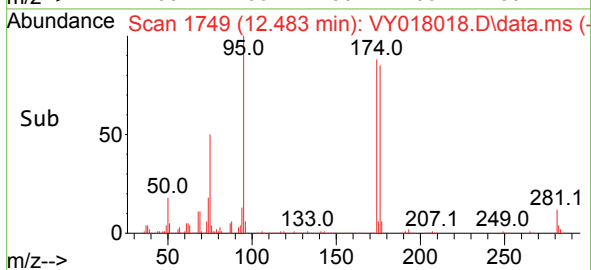
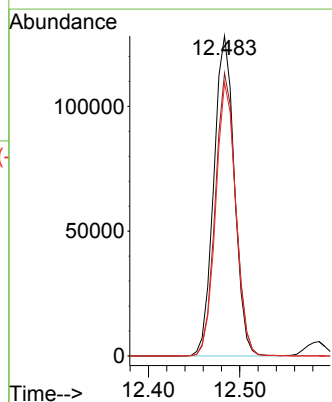
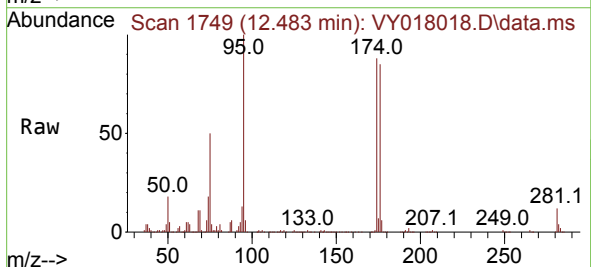
Tgt Ion: 95 Resp: 200407

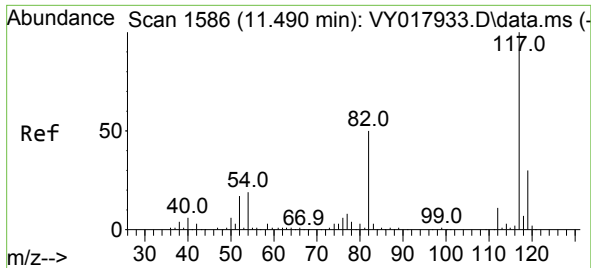
Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.6

176 83.5 0.0 171.4

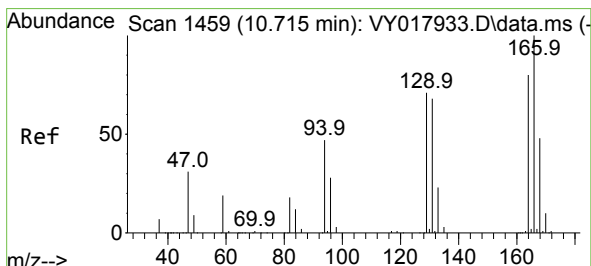
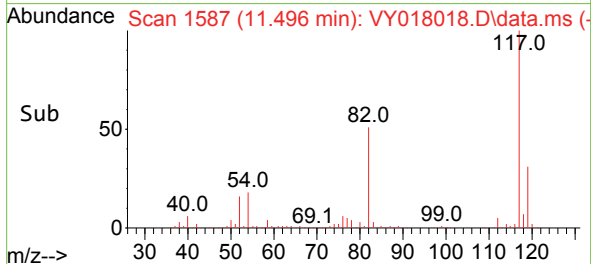
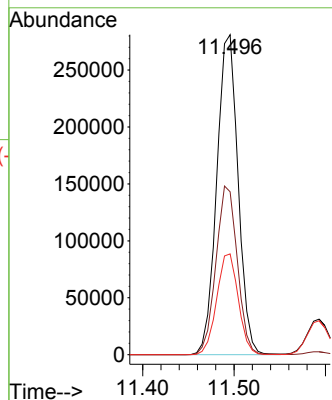
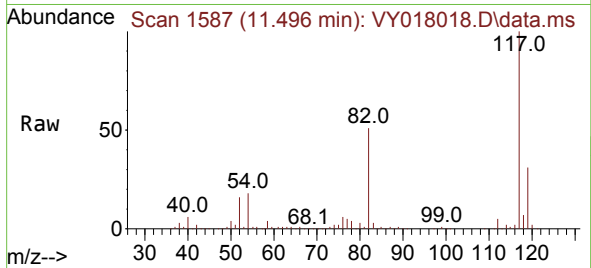




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

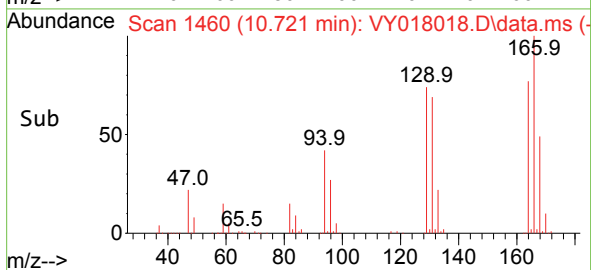
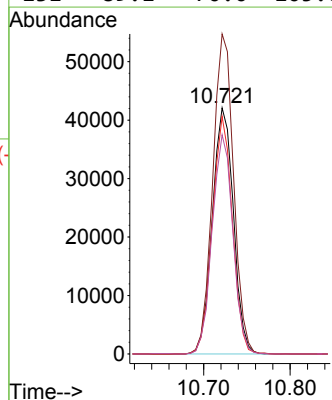
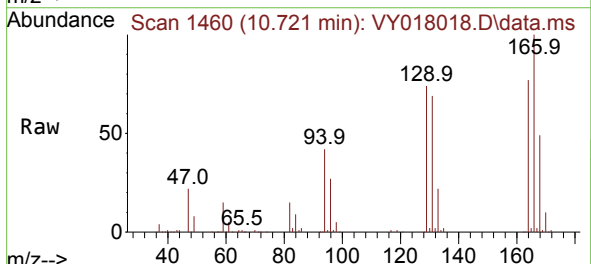
Instrument :
MSVOA_Y
ClientSampleId :

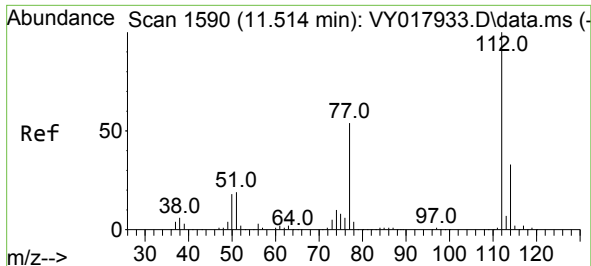
Tgt Ion:117 Resp: 455965
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 21.809 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion:164 Resp: 71235
Ion Ratio Lower Upper
164 100
166 130.0 102.6 154.0
129 96.5 72.0 108.0
131 89.1 70.0 105.0

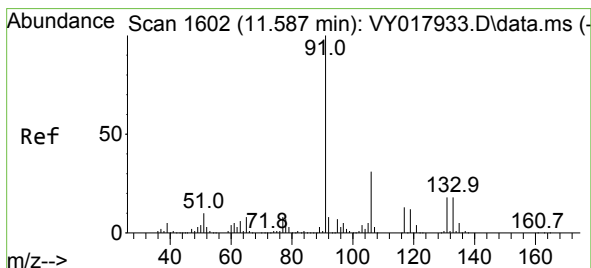
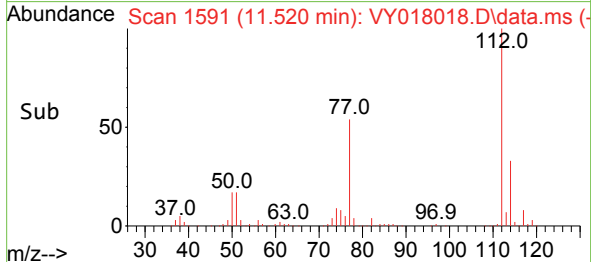
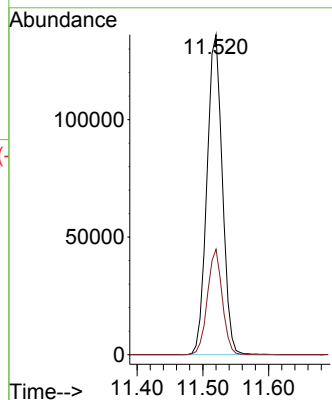
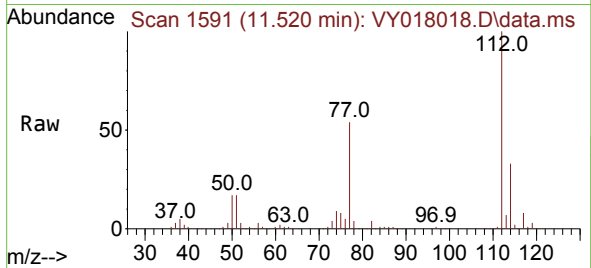




#65
Chlorobenzene
Concen: 22.182 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

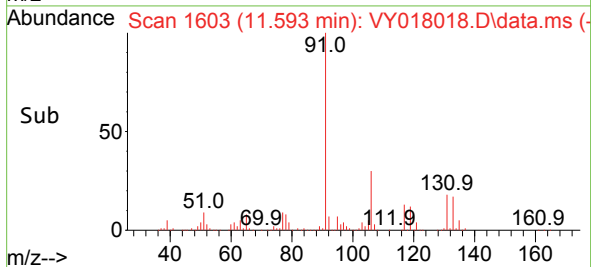
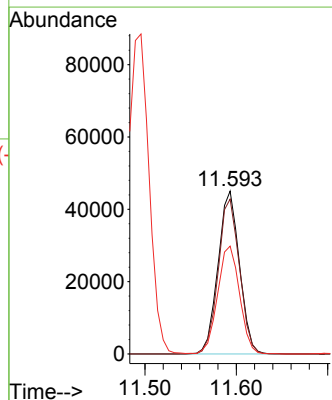
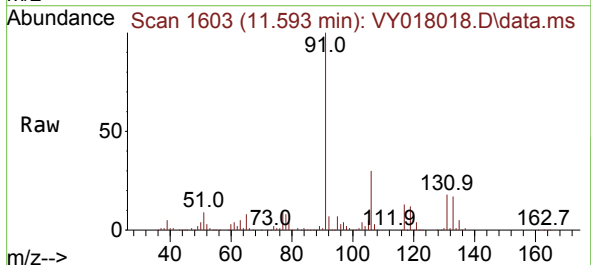
Instrument :
MSVOA_Y
ClientSampleId :

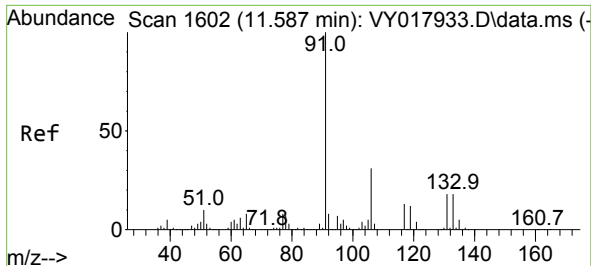
Tgt Ion:112 Resp: 221667
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.247 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion:131 Resp: 73309
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 68.0 34.1 102.2

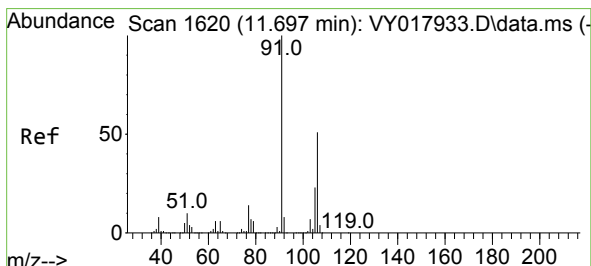
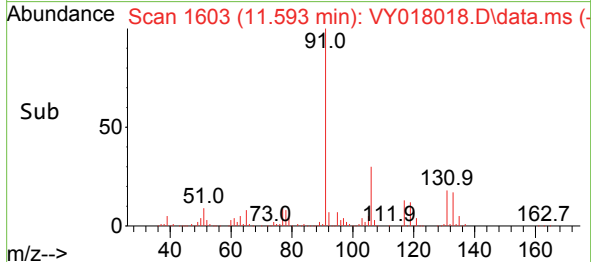
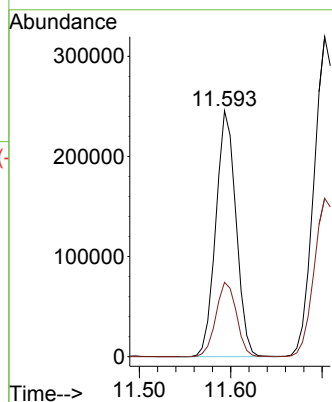
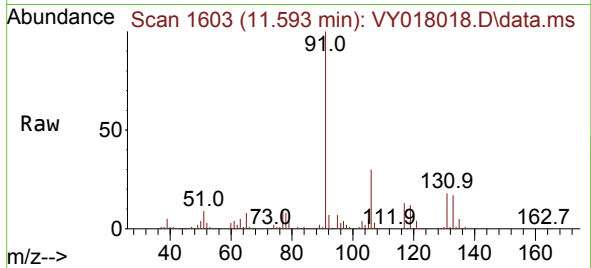




#67
Ethyl Benzene
Concen: 22.399 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

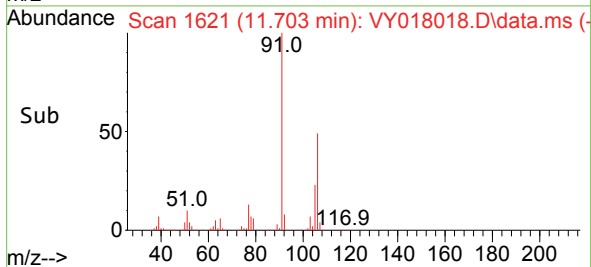
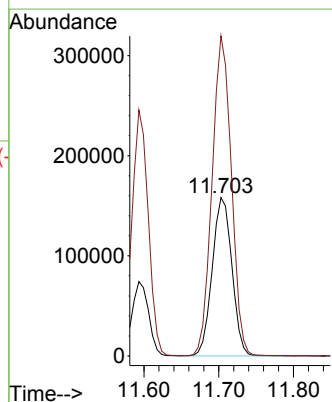
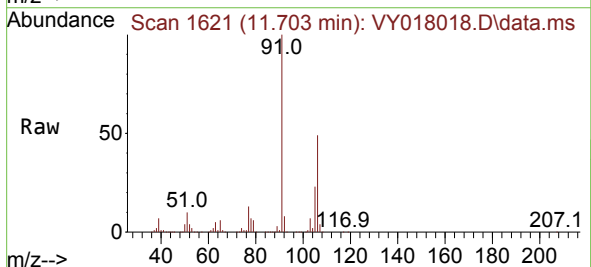
Instrument :
MSVOA_Y
ClientSampleId :

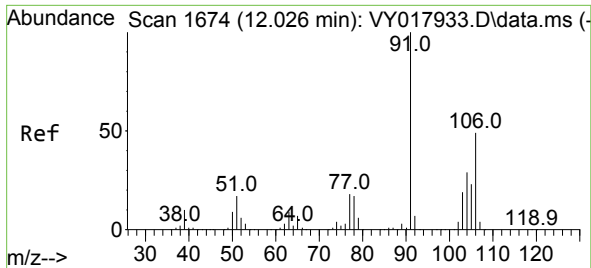
Tgt Ion: 91 Resp: 376901
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 44.725 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion:106 Resp: 289042
Ion Ratio Lower Upper
106 100
91 198.9 156.0 234.0

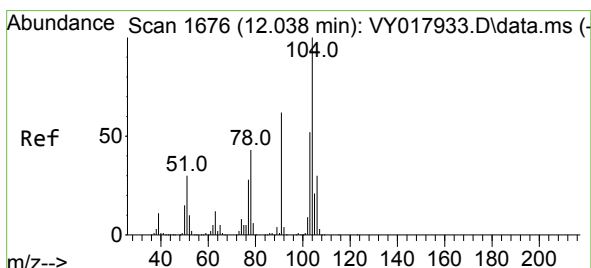
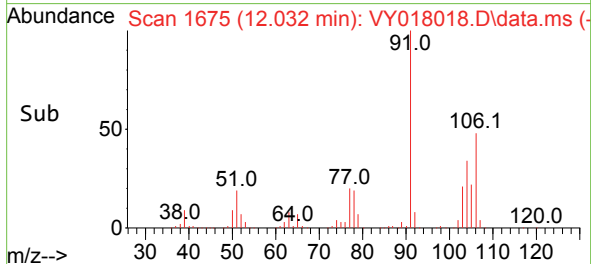
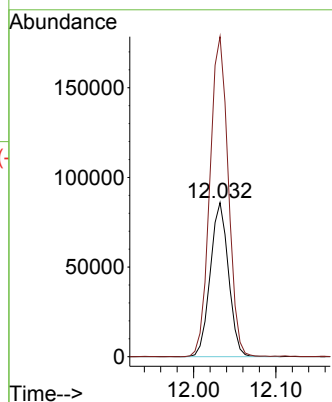
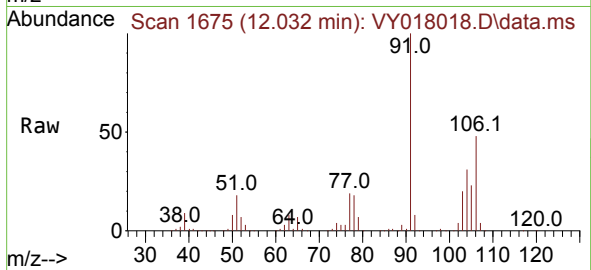




#69
o-Xylene
Concen: 21.876 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

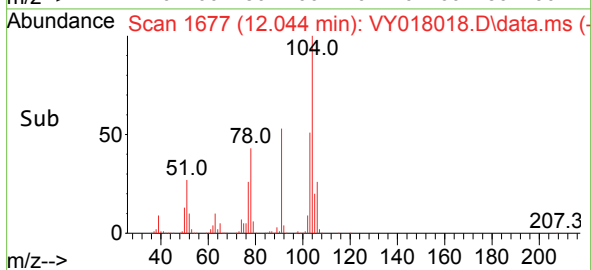
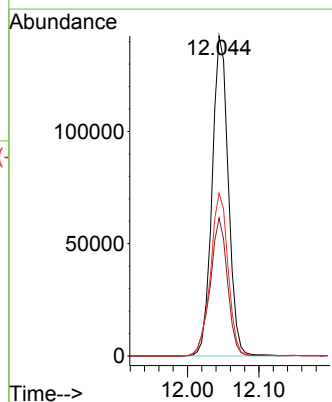
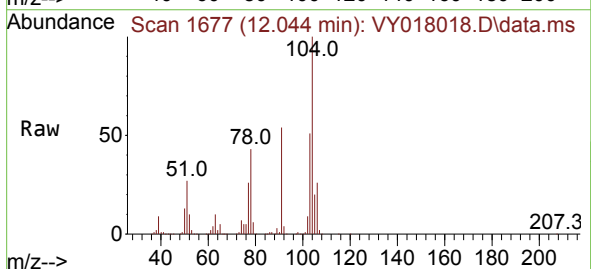
Instrument :
MSVOA_Y
ClientSampleId :

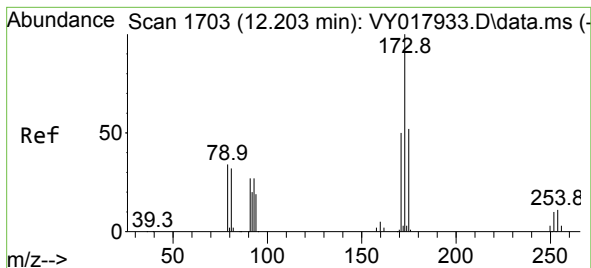
Tgt Ion:106 Resp: 132028
Ion Ratio Lower Upper
106 100
91 210.1 103.6 310.8



#70
Styrene
Concen: 22.012 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion:104 Resp: 224527
Ion Ratio Lower Upper
104 100
78 46.2 37.0 55.4
103 55.2 44.2 66.2





#71

Bromoform

Concen: 19.774 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018018.D

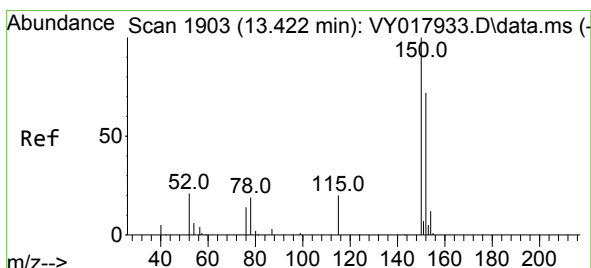
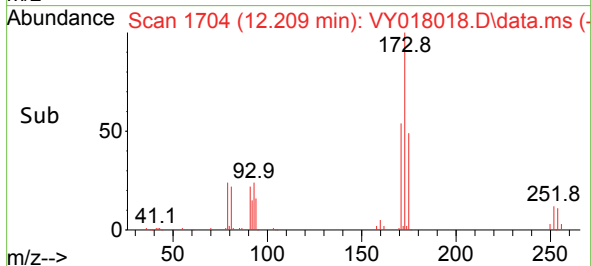
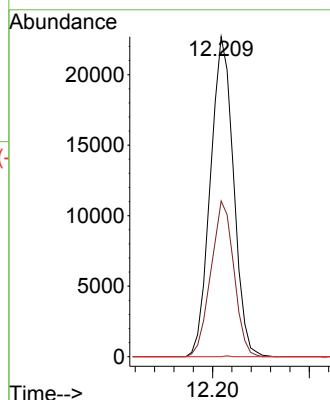
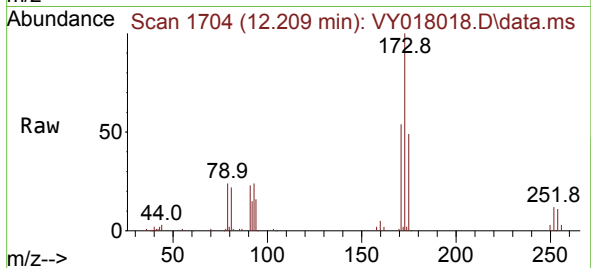
Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	37646
Ion Ratio	Lower	Upper
173	100	
175	48.4	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

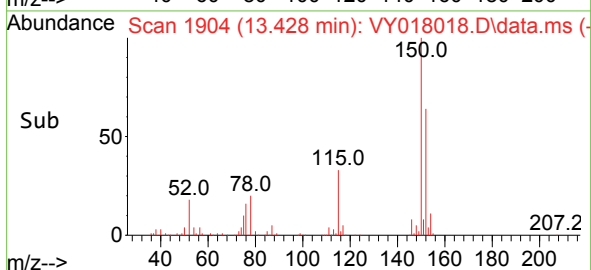
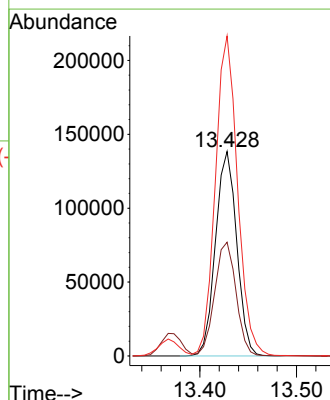
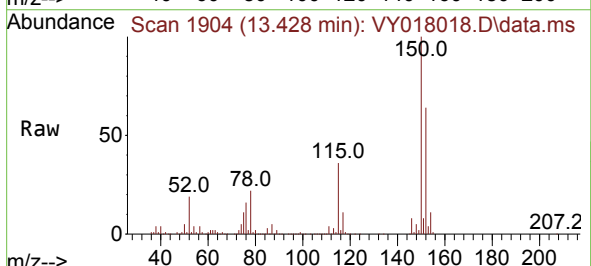
RT: 13.428 min Scan# 1904

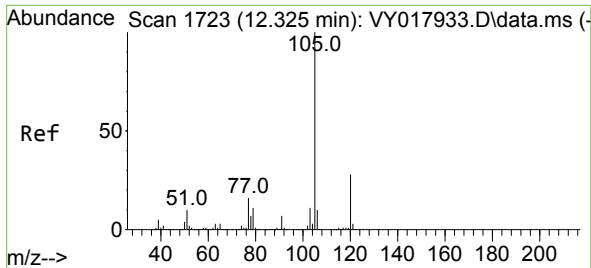
Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

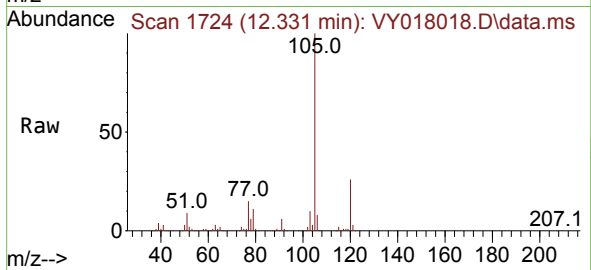
Tgt Ion:152	Resp:	210826
Ion Ratio	Lower	Upper
152	100	
115	56.0	28.2 84.7
150	163.5	0.0 345.6



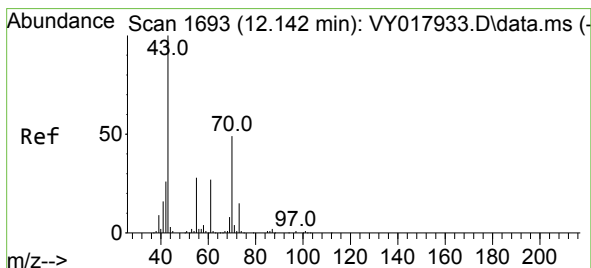
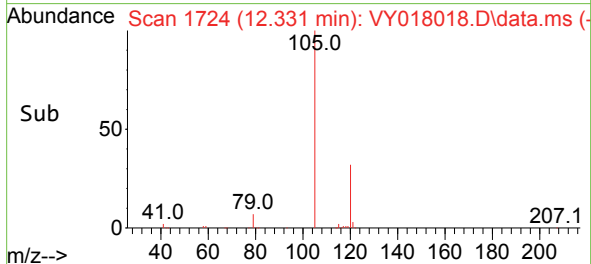
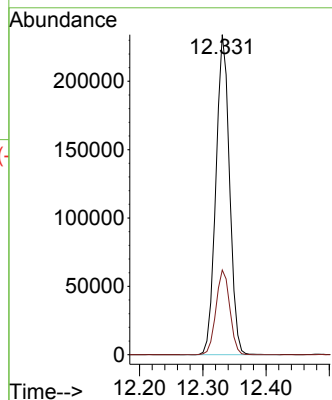


#73
Isopropylbenzene
Concen: 22.710 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Instrument :
MSVOA_Y
ClientSampleId :

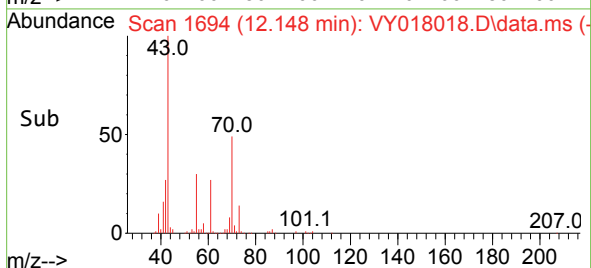
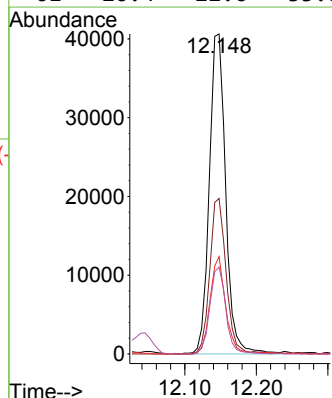
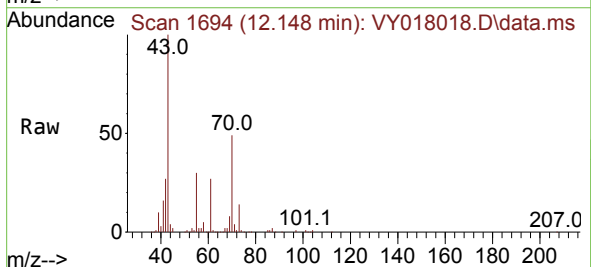


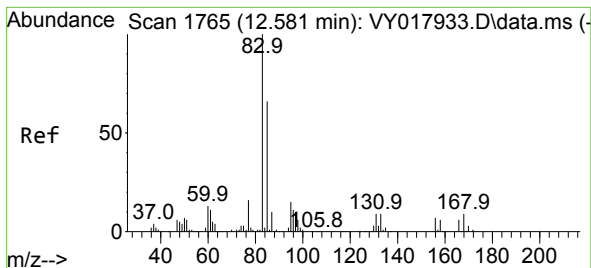
Tgt Ion:105 Resp: 348867
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-amy1 acetate
Concen: 20.835 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 43 Resp: 64610
Ion Ratio Lower Upper
43 100
70 48.9 41.4 62.2
55 28.9 23.3 34.9
61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.930 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

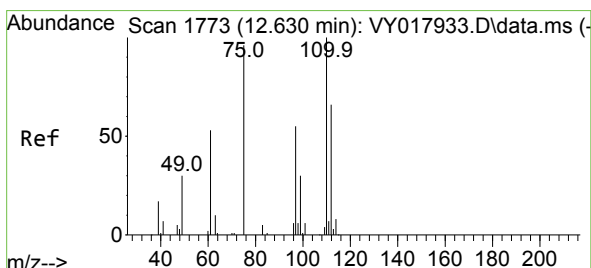
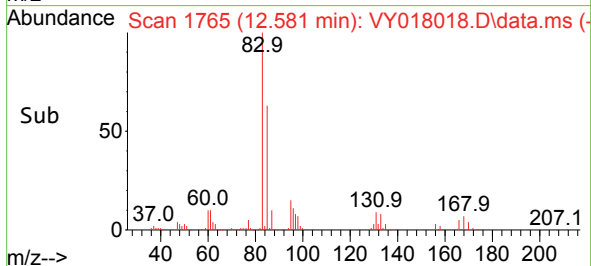
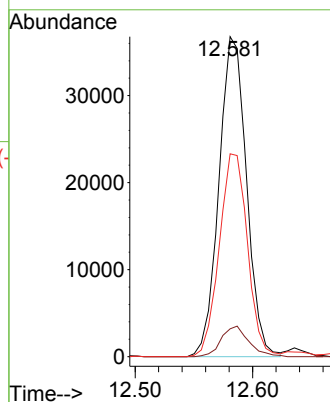
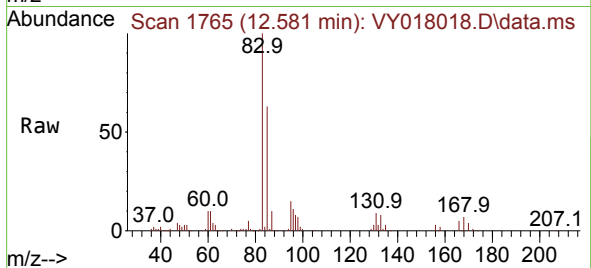
Tgt Ion: 83 Resp: 59967

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.711 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018018.D

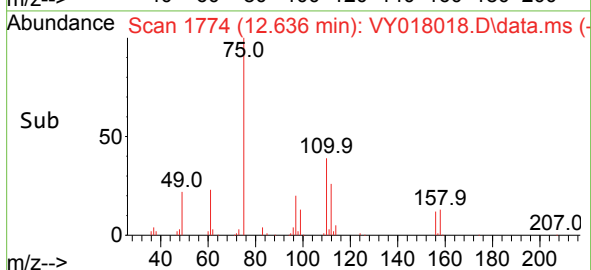
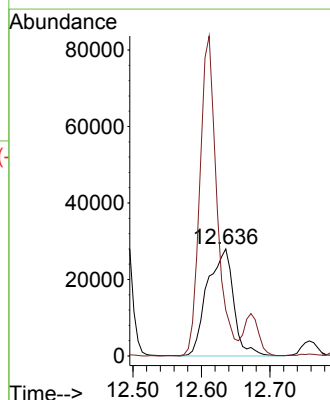
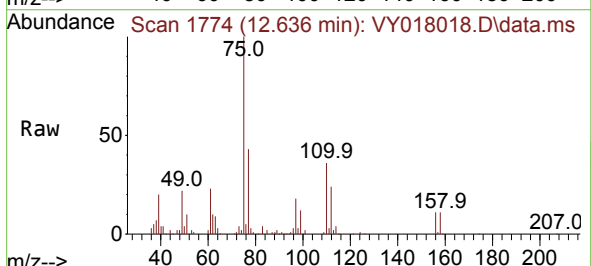
Acq: 23 Apr 2024 10:48

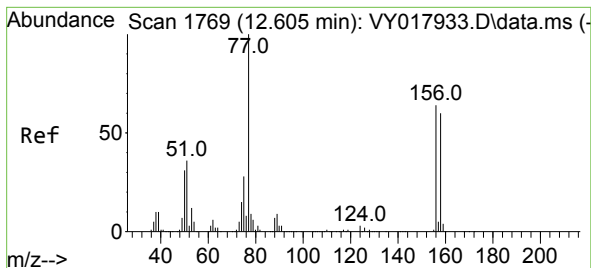
Tgt Ion: 75 Resp: 74606

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.825 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018018.D

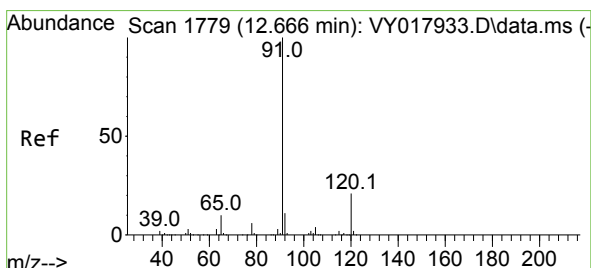
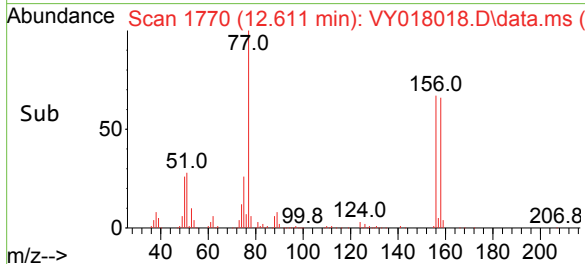
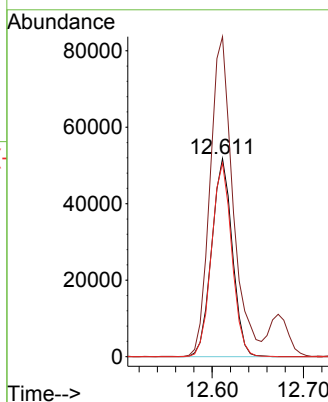
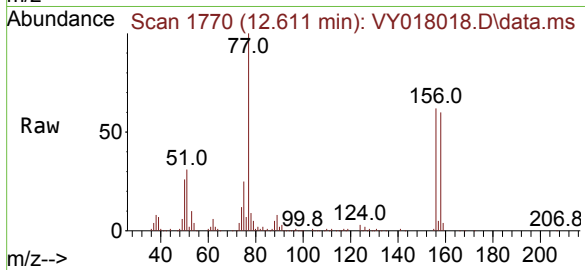
Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	81135
Ion Ratio	Lower	Upper	
156	100		
77	179.2	87.1	261.3
158	96.4	48.6	145.9



#78

n-propylbenzene

Concen: 23.466 ug/l

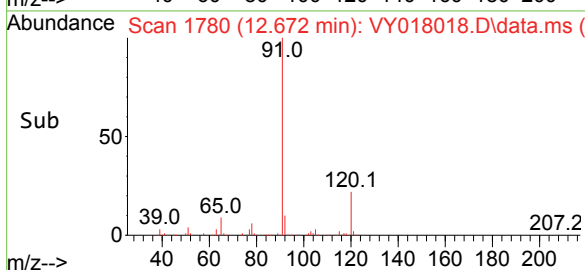
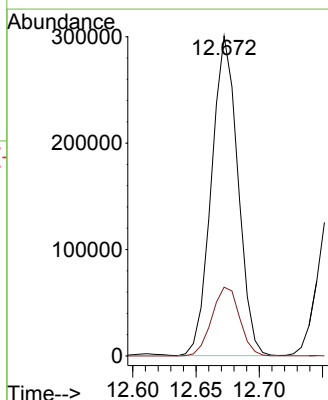
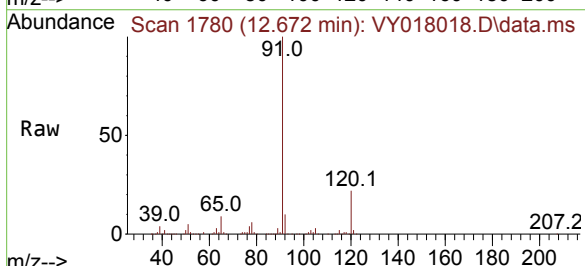
RT: 12.672 min Scan# 1780

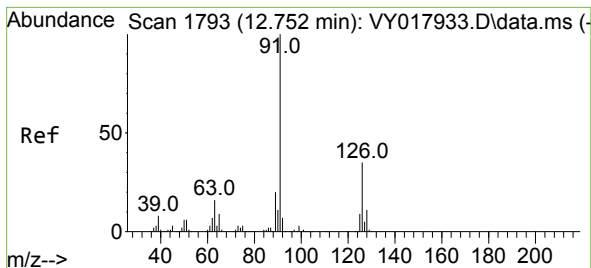
Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Tgt Ion:	91	Resp:	437374
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 22.841 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

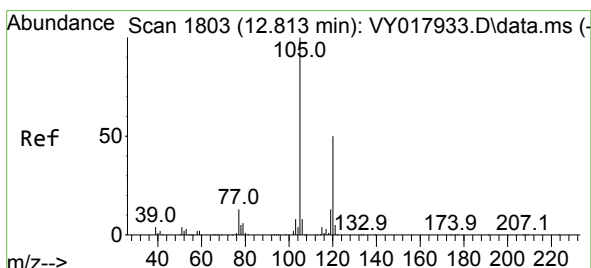
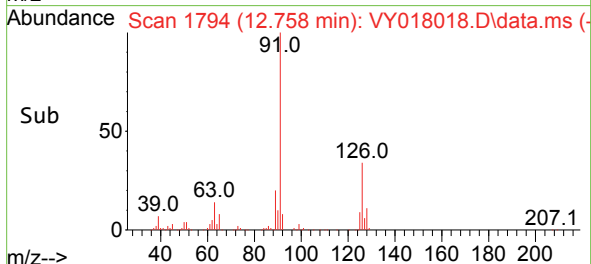
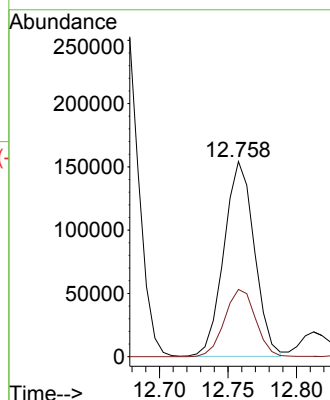
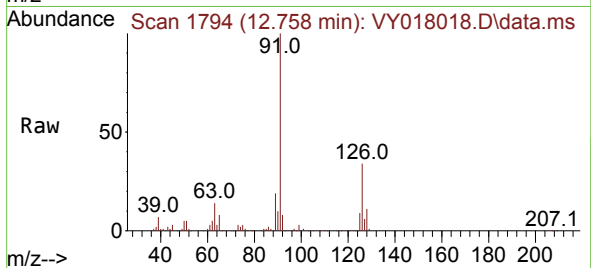
ClientSampleId :

Tgt Ion: 91 Resp: 238292

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.754 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018018.D

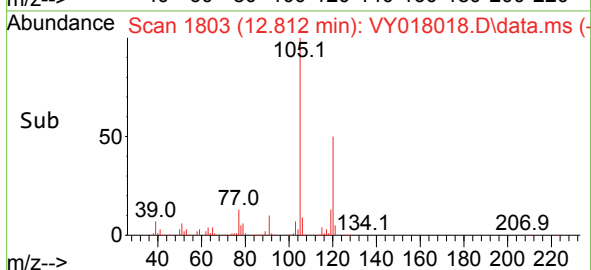
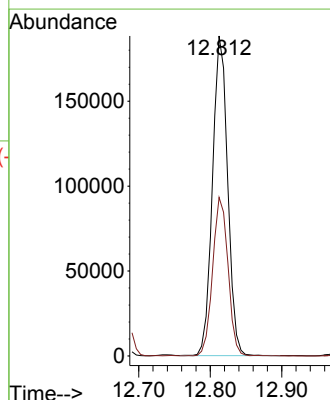
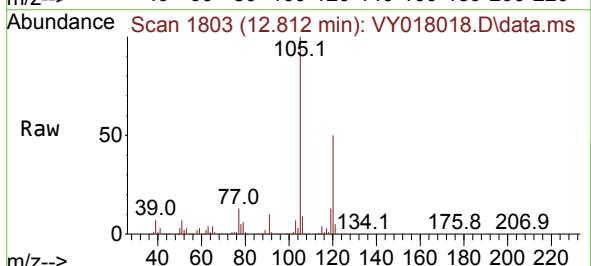
Acq: 23 Apr 2024 10:48

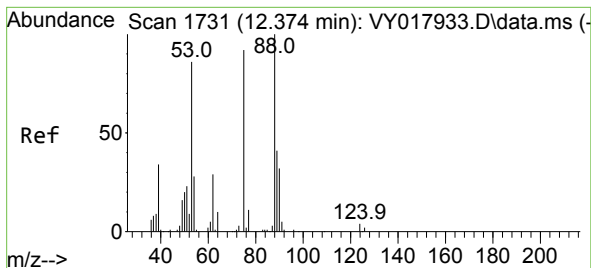
Tgt Ion: 105 Resp: 277172

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

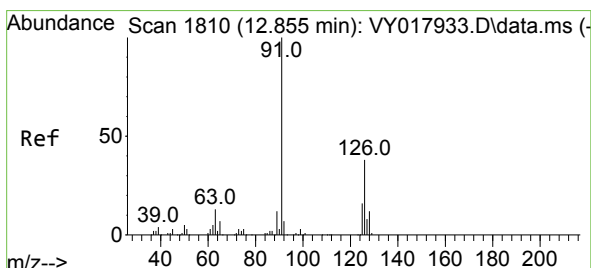
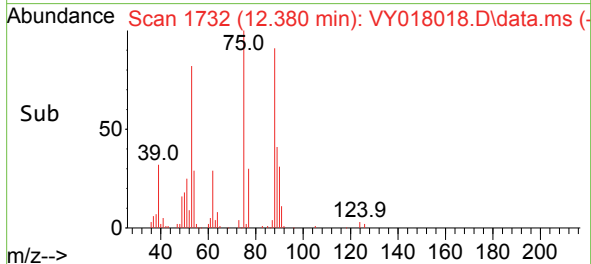
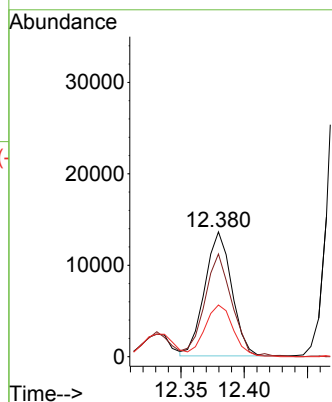
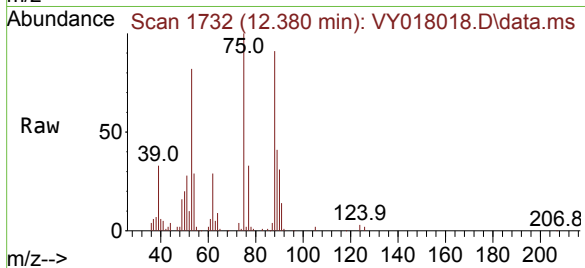




#81
trans-1,4-Dichloro-2-butene
Concen: 21.012 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

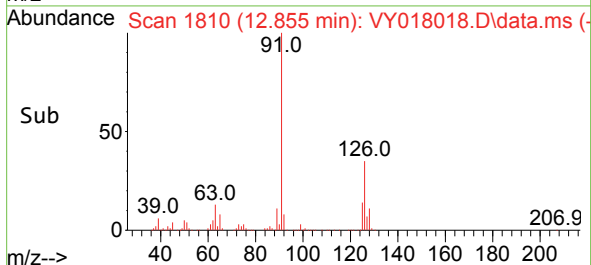
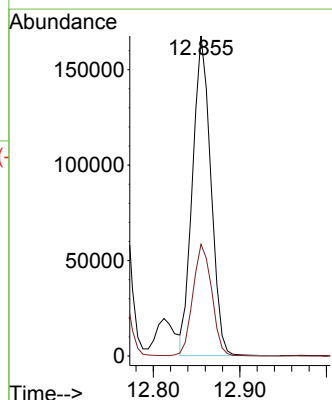
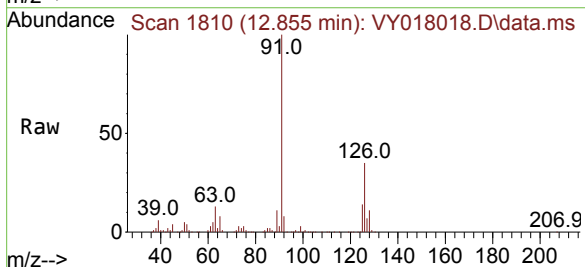
Instrument :
MSVOA_Y
ClientSampleId :

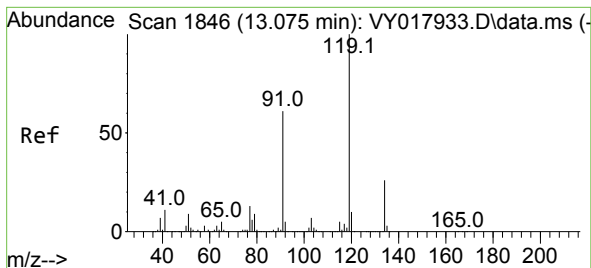
Tgt Ion: 75 Resp: 20161
Ion Ratio Lower Upper
75 100
53 84.1 66.8 100.2
89 43.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.700 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

Tgt Ion: 91 Resp: 245276
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.280 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

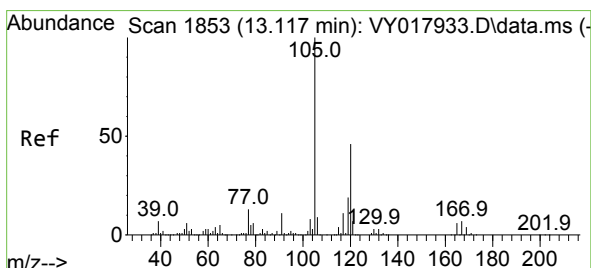
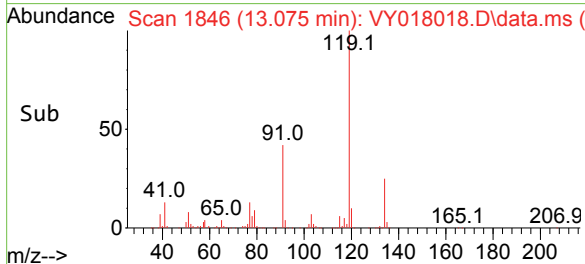
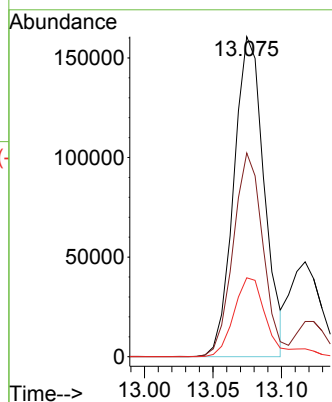
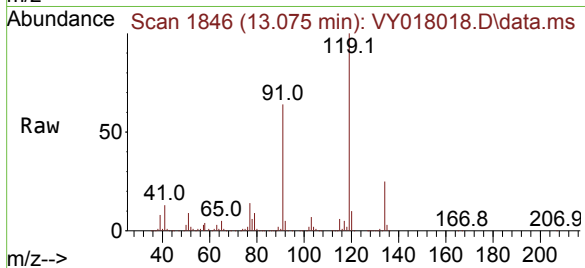
Tgt Ion:119 Resp: 247881

Ion Ratio Lower Upper

119 100

91 62.8 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.763 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018018.D

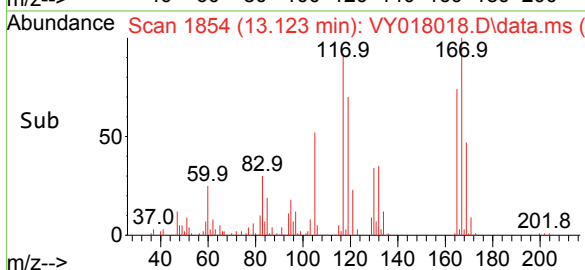
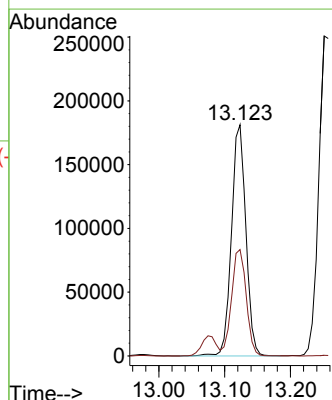
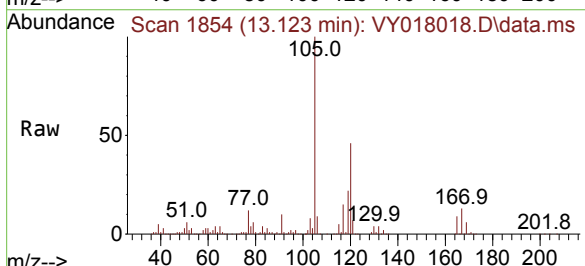
Acq: 23 Apr 2024 10:48

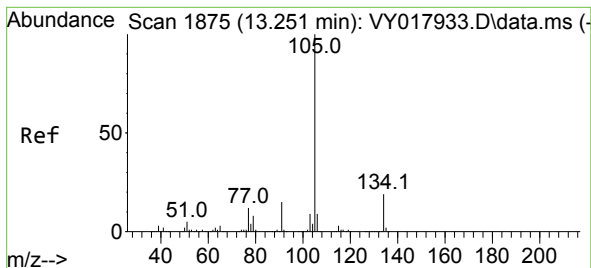
Tgt Ion:105 Resp: 276130

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.061 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

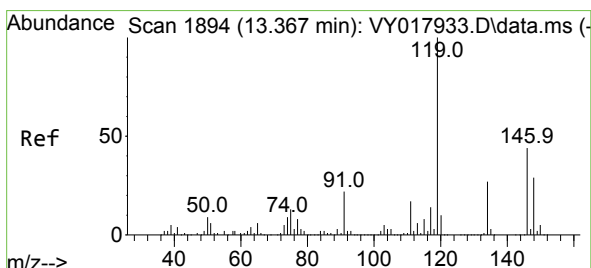
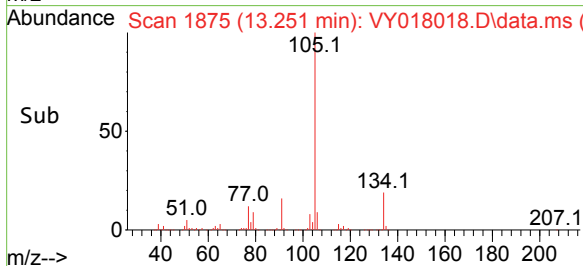
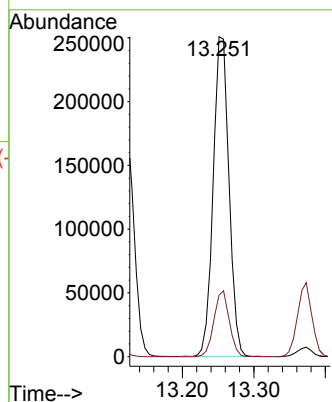
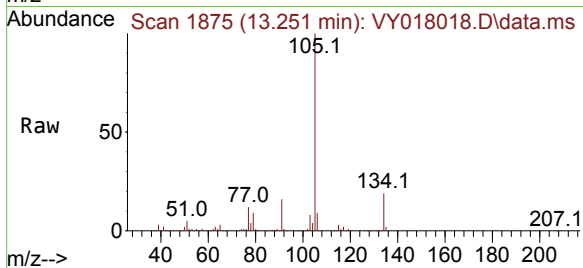
ClientSampleId :

Tgt Ion:105 Resp: 385367

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.548 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

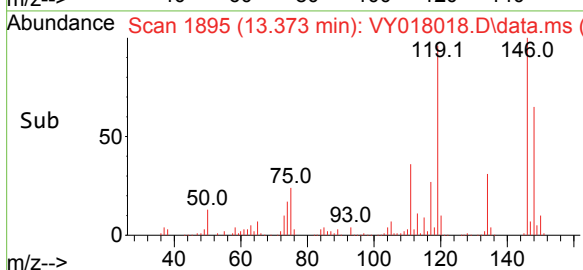
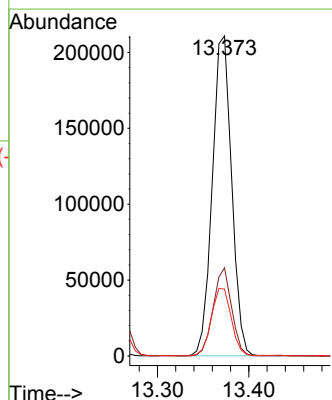
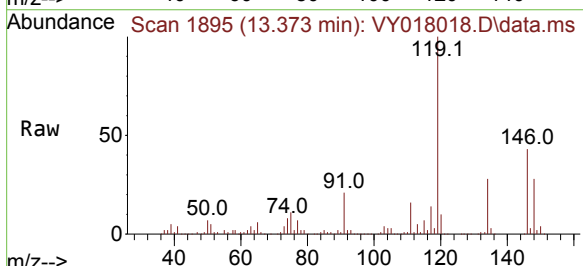
Tgt Ion:119 Resp: 309614

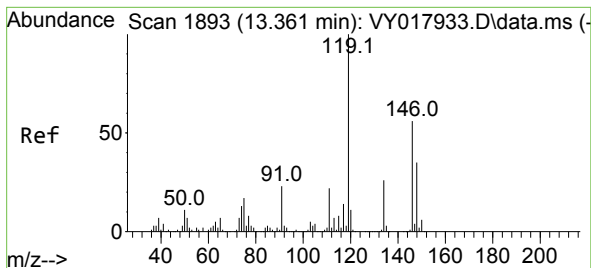
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.503 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

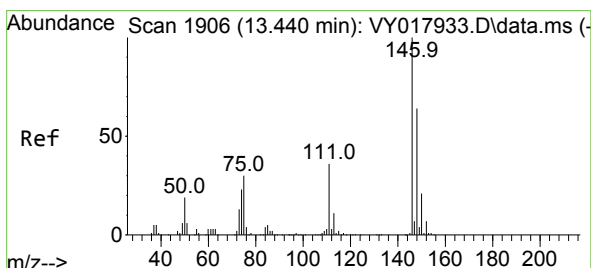
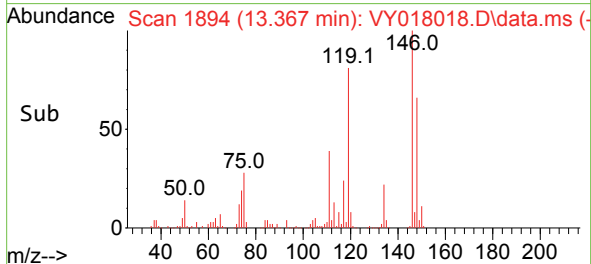
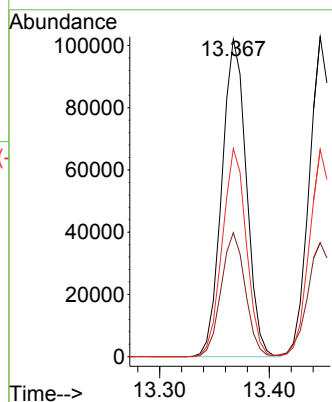
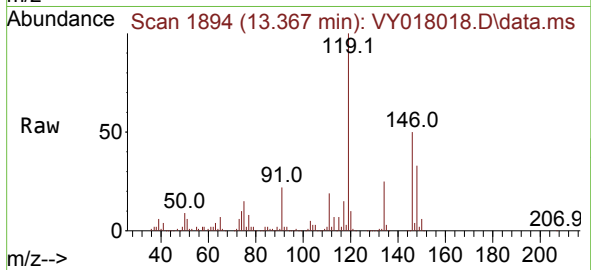
Tgt Ion:146 Resp: 158612

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.537 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

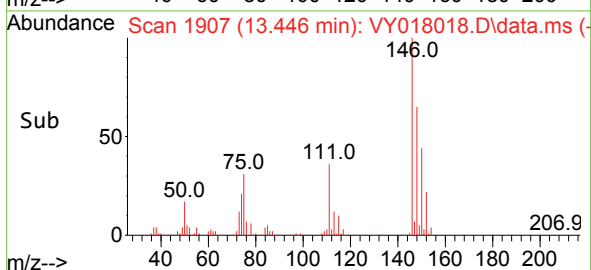
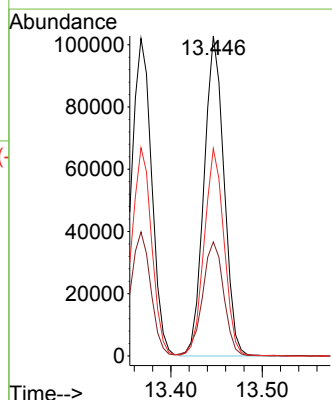
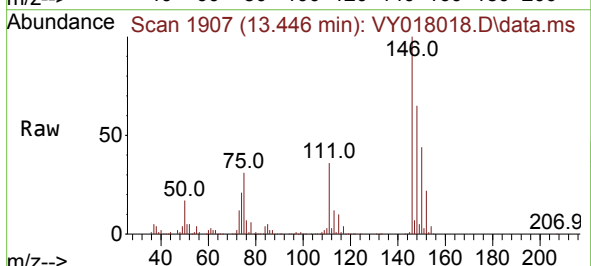
Tgt Ion:146 Resp: 155945

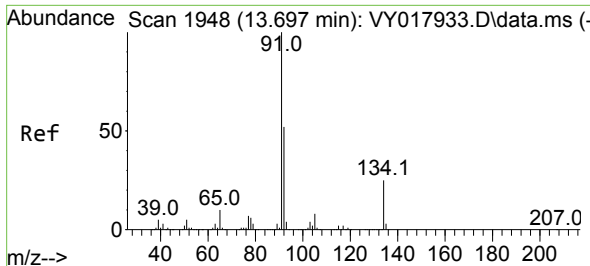
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 64.6 32.4 97.2

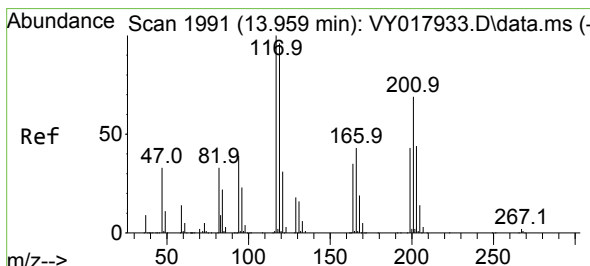
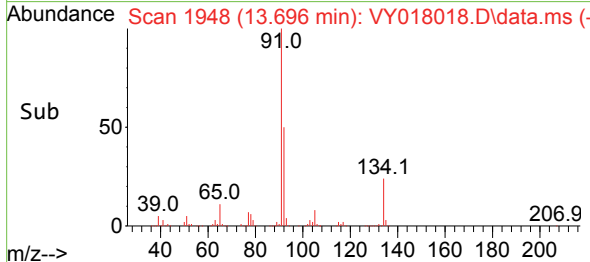
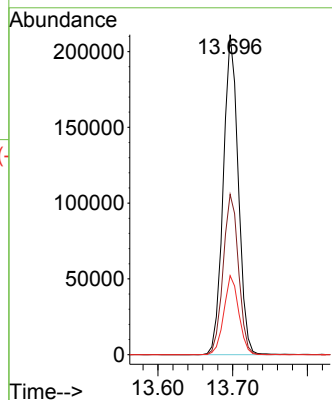
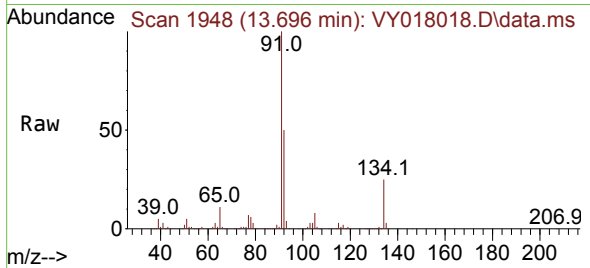




#89
n-Butylbenzene
Concen: 22.837 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

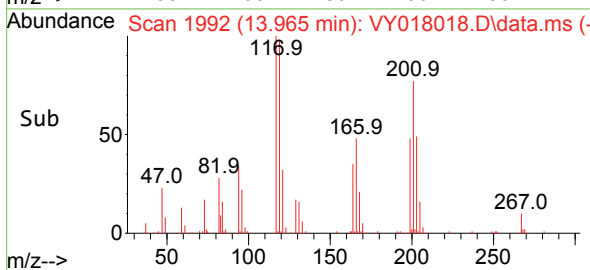
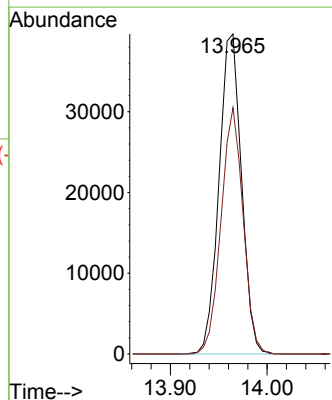
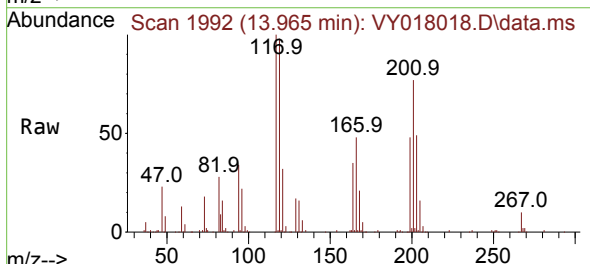
Instrument :
MSVOA_Y
ClientSampleId :

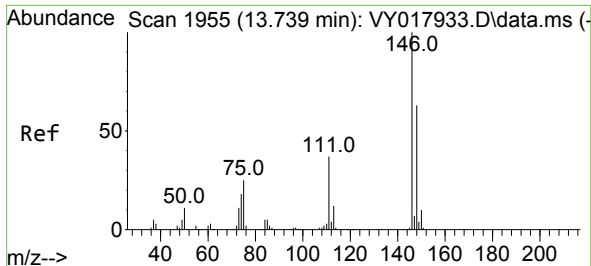
Tgt Ion: 91 Resp: 295009
Ion Ratio Lower Upper
91 100
92 51.3 26.6 79.7
134 24.6 12.9 38.7



#90
Hexachloroethane
Concen: 22.668 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

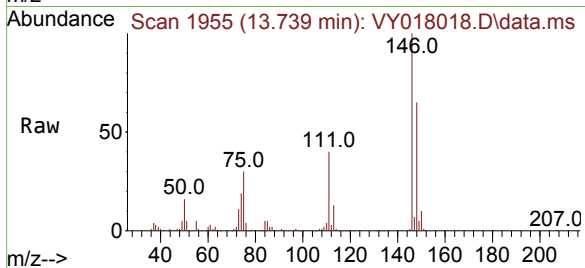
Tgt Ion: 117 Resp: 63827
Ion Ratio Lower Upper
117 100
201 75.4 37.4 112.2



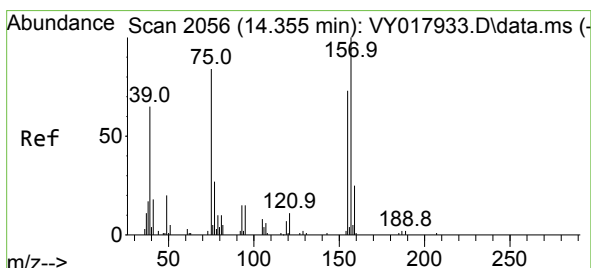
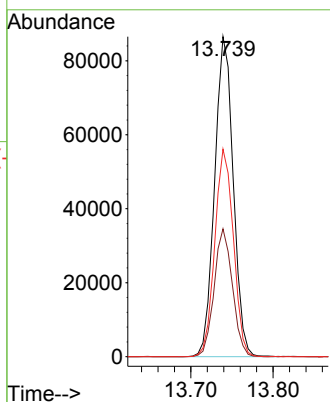
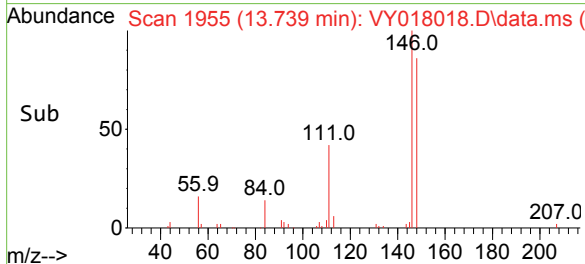


#91
1,2-Dichlorobenzene
Concen: 21.406 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48

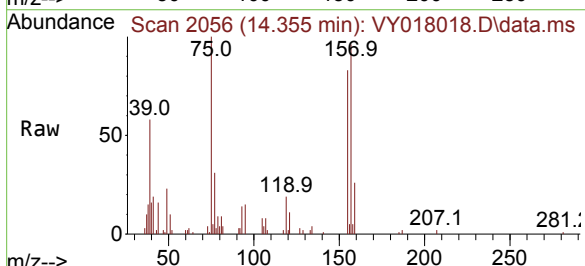
Instrument :
MSVOA_Y
ClientSampleId :



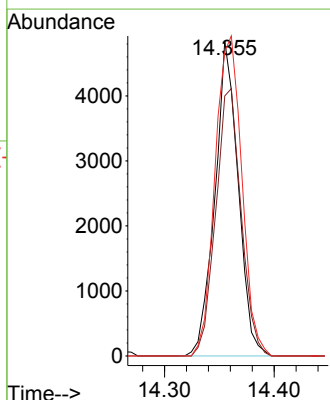
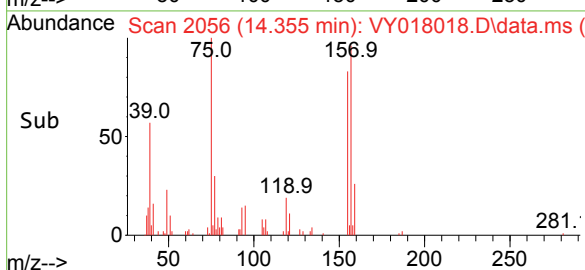
Tgt Ion:146 Resp: 136217
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 64.8 31.8 95.4

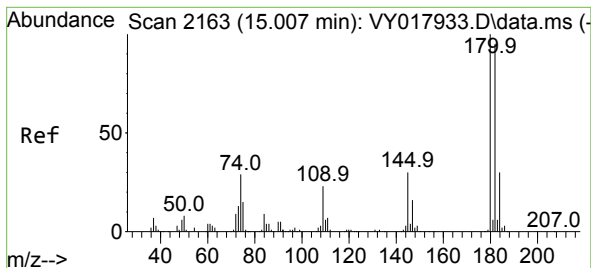


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.377 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018018.D
Acq: 23 Apr 2024 10:48



Tgt Ion: 75 Resp: 7141
Ion Ratio Lower Upper
75 100
155 92.4 48.6 145.8
157 116.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.226 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

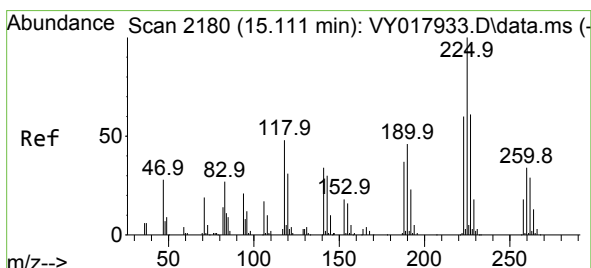
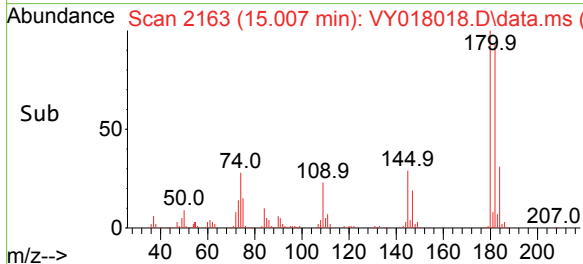
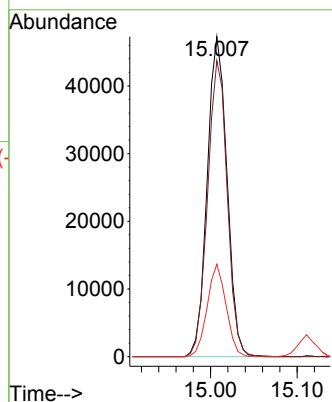
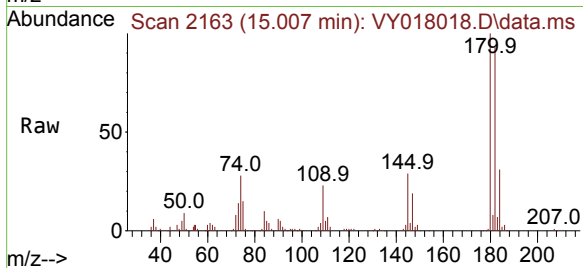
Tgt Ion:180 Resp: 74953

Ion Ratio Lower Upper

180 100

182 91.9 47.9 143.8

145 27.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.205 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

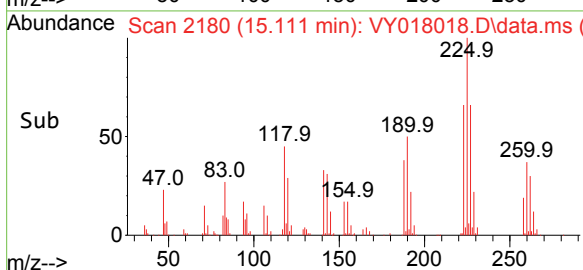
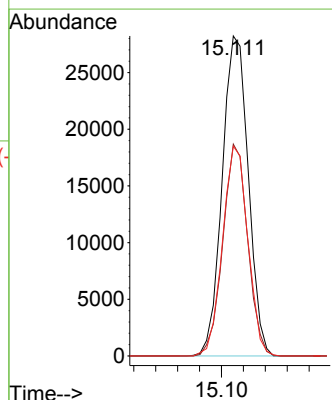
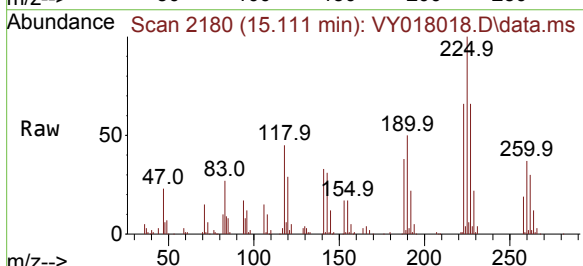
Tgt Ion:225 Resp: 46617

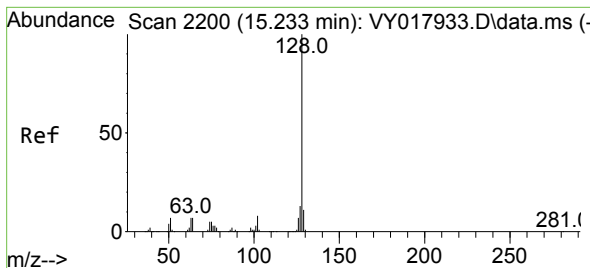
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 18.300 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

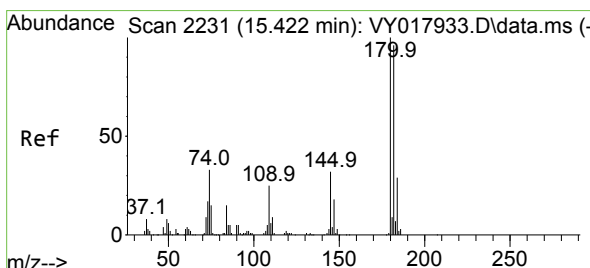
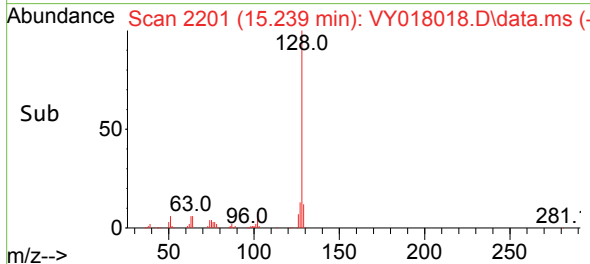
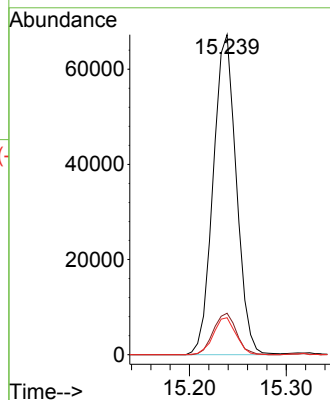
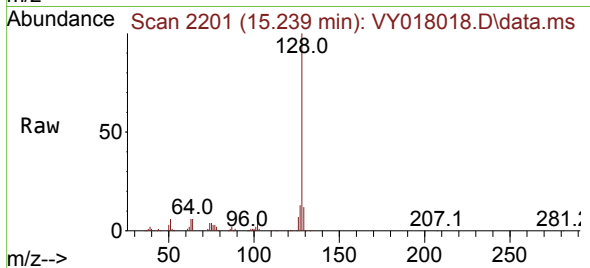
Tgt Ion:128 Resp: 111755

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.080 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018018.D

Acq: 23 Apr 2024 10:48

Tgt Ion:180 Resp: 62438

Ion Ratio Lower Upper

180 100

182 93.0 47.6 142.9

145 29.8 15.4 46.1

