

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017380.D
 Acq On : 14 Feb 2024 14:08
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 15 02:21:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	101428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	144750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	60627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	23781	22.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	44.200%#
35) Dibromofluoromethane	7.728	113	24306	22.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.420%#
50) Toluene-d8	10.191	98	95786	22.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	45.160%#
62) 4-Bromofluorobenzene	12.495	95	27996	21.532	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	17600	20.373	ug/l	88
3) Chloromethane	2.119	50	36987	22.629	ug/l	97
4) Vinyl Chloride	2.260	62	44157	22.640	ug/l	97
5) Bromomethane	2.656	94	32816	23.702	ug/l	96
6) Chloroethane	2.802	64	29287	23.565	ug/l	95
7) Trichlorofluoromethane	3.137	101	45714	23.327	ug/l	98
8) Diethyl Ether	3.540	74	12456	22.014	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	27172	23.047	ug/l	99
10) Methyl Iodide	4.107	142	22683	19.574	ug/l	98
11) Tert butyl alcohol	4.960	59	7679	104.293	ug/l	96
12) 1,1-Dichloroethene	3.881	96	24956	22.950	ug/l	97
13) Acrolein	3.735	56	13113	112.744	ug/l	96
14) Allyl chloride	4.491	41	37028	23.029	ug/l	98
15) Acrylonitrile	5.180	53	25291	103.901	ug/l	100
16) Acetone	3.954	43	30646	107.568	ug/l	96
17) Carbon Disulfide	4.210	76	79408	22.892	ug/l	98
18) Methyl Acetate	4.491	43	10561	14.341	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	51748	21.408	ug/l	100
20) Methylene Chloride	4.729	84	30655	22.852	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	28507	22.947	ug/l	97
22) Diisopropyl ether	6.131	45	78616	22.815	ug/l	98
23) Vinyl Acetate	6.076	43	223581	118.394	ug/l	100
24) 1,1-Dichloroethane	6.033	63	49687	23.111	ug/l	98
25) 2-Butanone	6.996	43	38209	108.547	ug/l	93
26) 2,2-Dichloropropane	6.990	77	42224	22.931	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	29745	22.239	ug/l	96
28) Bromochloromethane	7.344	49	18333	19.682	ug/l	97
29) Tetrahydrofuran	7.362	42	19969	102.296	ug/l	98
30) Chloroform	7.521	83	48858	22.791	ug/l	99
31) Cyclohexane	7.795	56	47026	22.951	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	44800	23.553	ug/l	99
36) 1,1-Dichloropropene	7.929	75	41659	23.245	ug/l	99
37) Ethyl Acetate	7.088	43	15319	21.025	ug/l	99
38) Carbon Tetrachloride	7.911	117	39321	22.865	ug/l	98
39) Methylcyclohexane	9.197	83	48480	22.593	ug/l	98
40) Benzene	8.173	78	114215	22.747	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	19182	51.655	ug/l #	34
42) 1,2-Dichloroethane	8.246	62	28662	22.429	ug/l	98
43) Isopropyl Acetate	8.283	43	26722	20.475	ug/l	97
44) Trichloroethene	8.953	130	28977	22.333	ug/l	100
45) 1,2-Dichloropropane	9.228	63	27113	22.437	ug/l	99
46) Dibromomethane	9.319	93	13593	21.678	ug/l	96
47) Bromodichloromethane	9.508	83	35697	22.134	ug/l	96
48) Methyl methacrylate	9.301	41	12802	18.604	ug/l	99
49) 1,4-Dioxane	9.307	88	2842	439.857	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	72095	101.668	ug/l	99
52) Toluene	10.252	92	68937	22.593	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	32072	21.465	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	40663	22.232	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	18424	21.424	ug/l	97
56) Ethyl methacrylate	10.520	69	20880	23.821	ug/l	98
57) 1,3-Dichloropropane	10.801	76	31908	21.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	52039	92.568	ug/l	99
59) 2-Hexanone	10.843	43	54349	106.653	ug/l	99
60) Dibromochloromethane	10.996	129	21185	21.212	ug/l	99
61) 1,2-Dibromoethane	11.099	107	16646	21.107	ug/l	100
64) Tetrachloroethene	10.734	164	24241	22.651	ug/l	97
65) Chlorobenzene	11.526	112	69121	22.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	24170	21.896	ug/l	99
67) Ethyl Benzene	11.605	91	128154	22.672	ug/l	99
68) m/p-Xylenes	11.715	106	97785	45.881	ug/l	99
69) o-Xylene	12.044	106	44155	22.902	ug/l	100
70) Styrene	12.057	104	70951	23.987	ug/l	99
71) Bromoform	12.221	173	11174	20.879	ug/l #	99
73) Isopropylbenzene	12.343	105	120602	23.870	ug/l	99
74) N-amyl acetate	12.154	43	21772	21.795	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	19333	21.352	ug/l	96
76) 1,2,3-Trichloropropane	12.648	75	23799	38.048	ug/l #	100
77) Bromobenzene	12.624	156	23689	22.264	ug/l	98
78) n-propylbenzene	12.684	91	148348	23.850	ug/l	100
79) 2-Chlorotoluene	12.770	91	80498	23.716	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	93480	23.543	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	6023	22.011	ug/l	94
82) 4-Chlorotoluene	12.867	91	82945	23.738	ug/l	100
83) tert-Butylbenzene	13.087	119	81932	23.627	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	91934	23.454	ug/l	99
85) sec-Butylbenzene	13.264	105	130459	24.656	ug/l	100
86) p-Isopropyltoluene	13.379	119	101550	23.717	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	48516	22.530	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	47896	22.865	ug/l	98
89) n-Butylbenzene	13.709	91	98802	23.756	ug/l	98
90) Hexachloroethane	13.971	117	20965	23.623	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	40290	22.703	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2172	19.316	ug/l	97
93) 1,2,4-Trichlorobenzene	15.026	180	19982	22.568	ug/l	99
94) Hexachlorobutadiene	15.123	225	12815	23.450	ug/l	98
95) Naphthalene	15.251	128	30828	20.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	15950	21.472	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Feb 15 01:05:41 2024
Response via : Initial Calibration

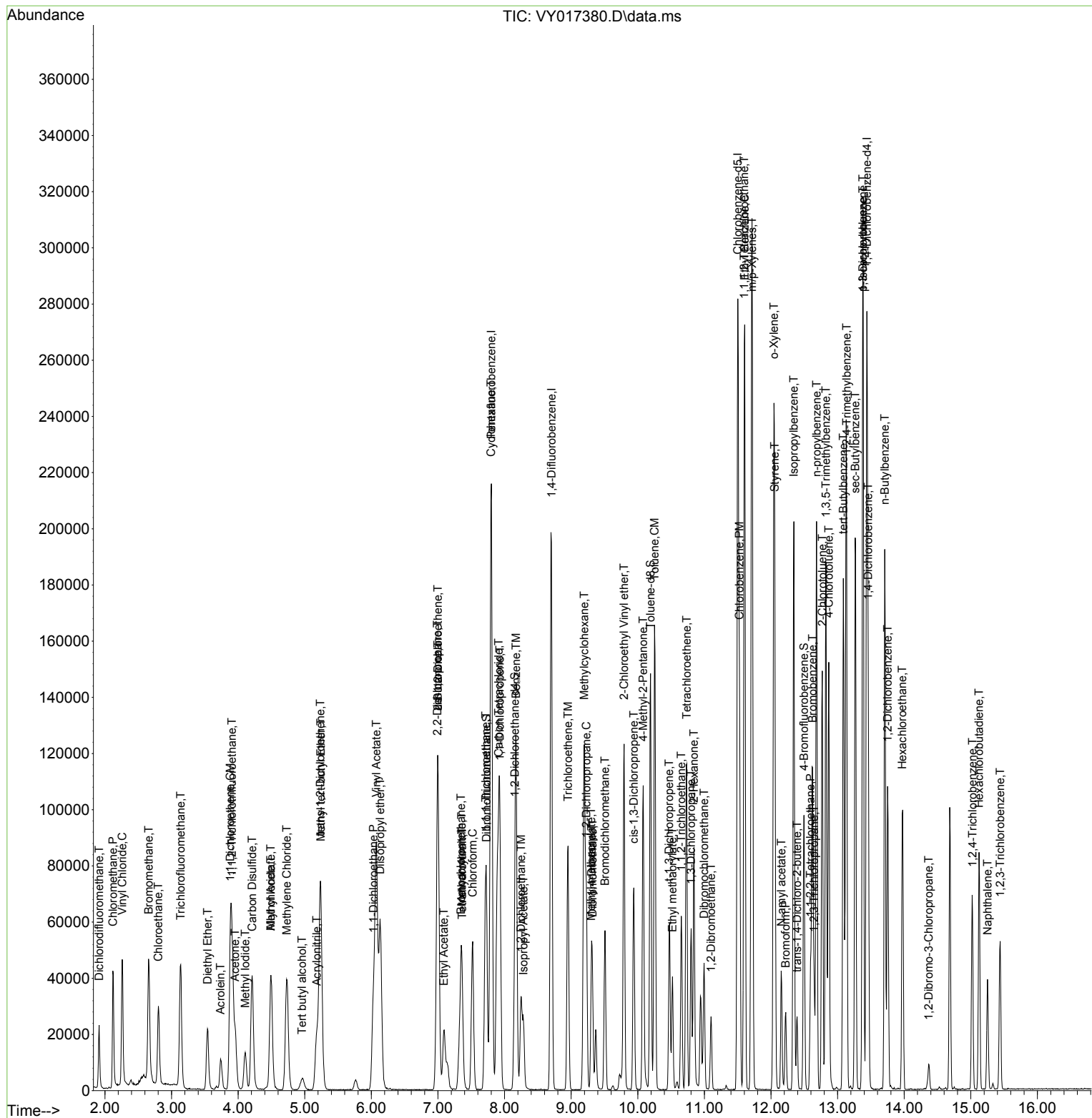
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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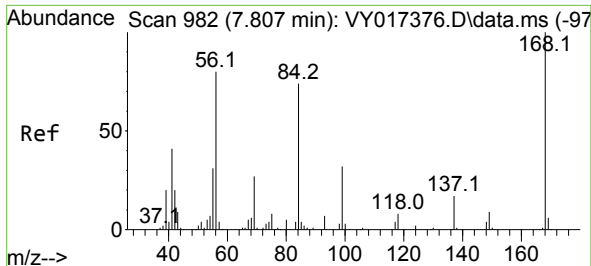
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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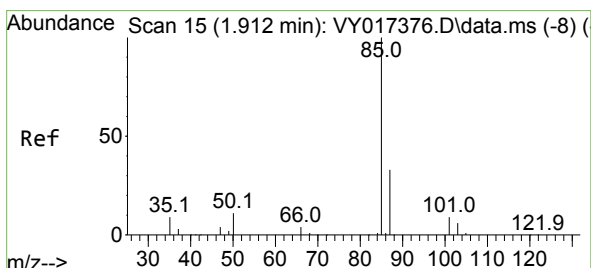
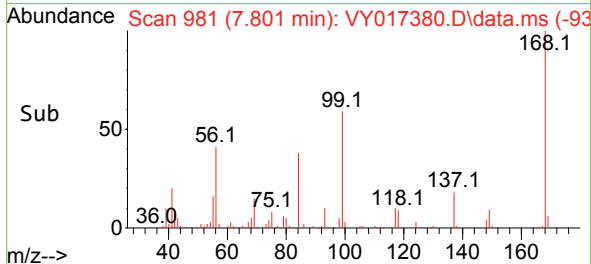
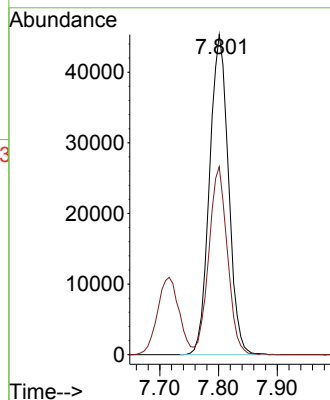
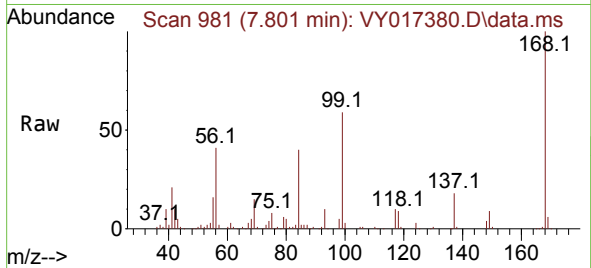




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017380.D
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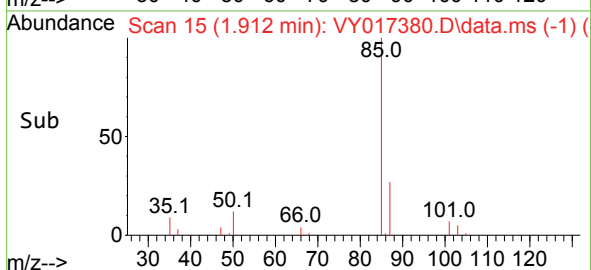
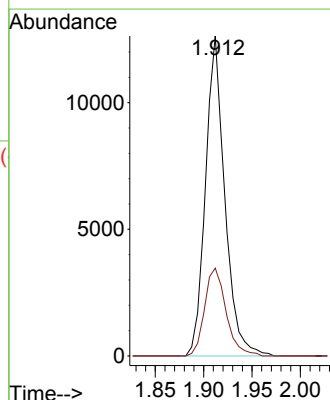
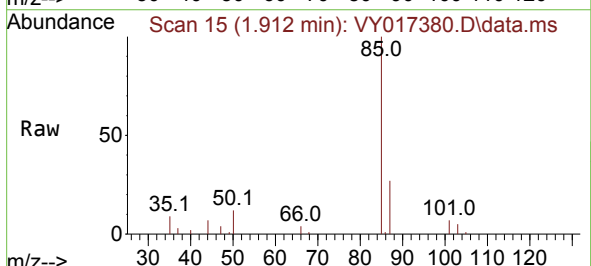
Instrument :
MSVOA_Y
ClientSampleId :

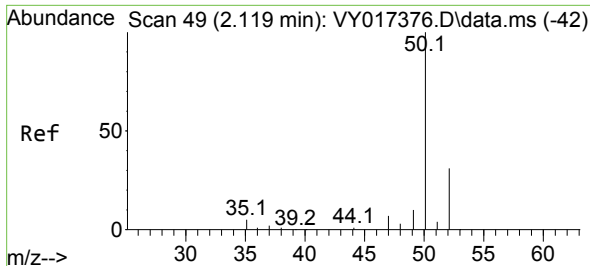
Tgt Ion:168 Resp: 101428
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.373 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

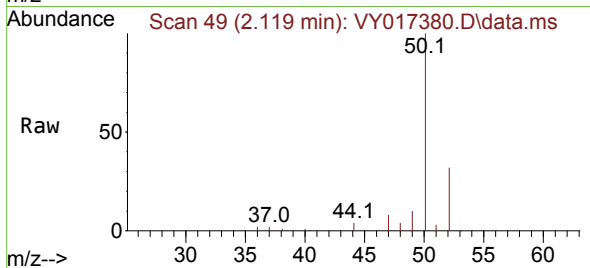
Tgt Ion: 85 Resp: 17600
Ion Ratio Lower Upper
85 100
87 27.5 17.1 51.3



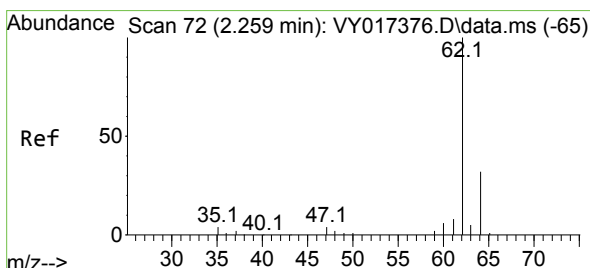
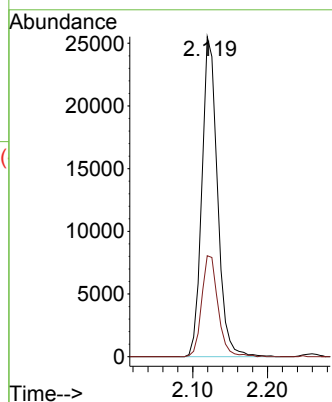
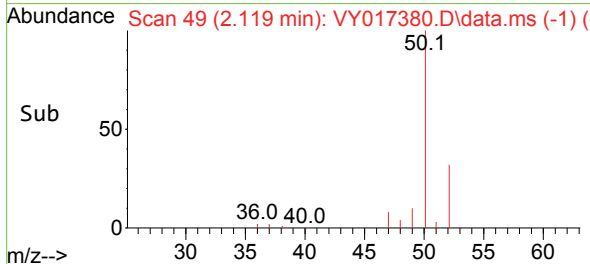


#3
Chloromethane
Concen: 22.629 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

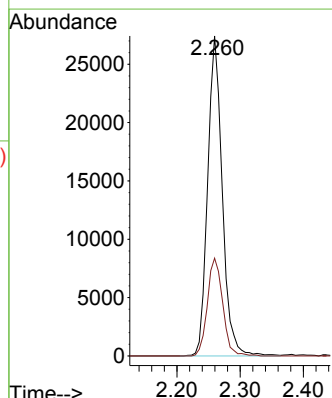
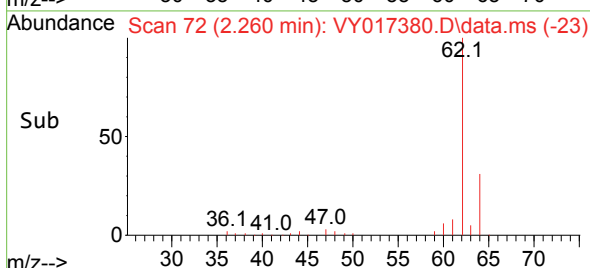
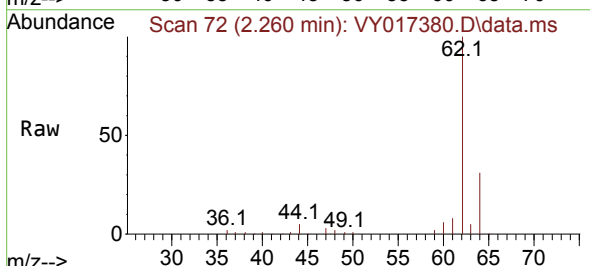


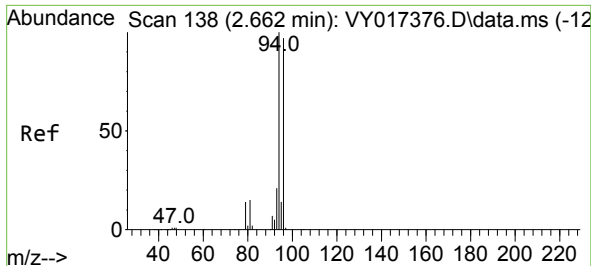
Tgt Ion: 50 Resp: 36987
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1



#4
Vinyl Chloride
Concen: 22.640 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 62 Resp: 44157
Ion Ratio Lower Upper
62 100
64 30.6 25.7 38.5

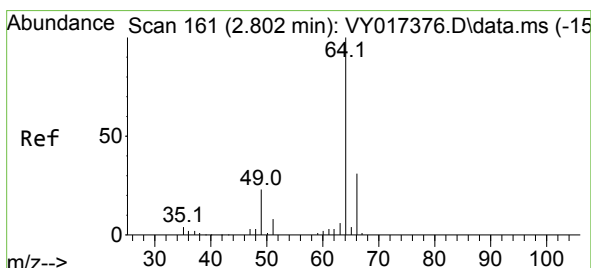
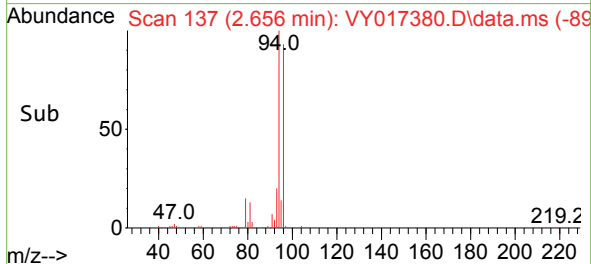
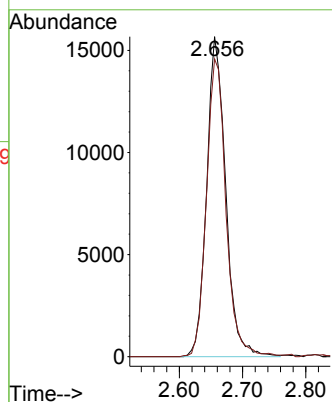
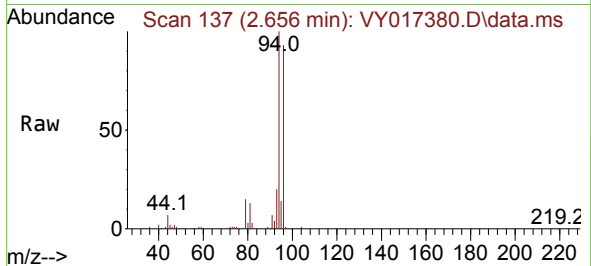




#5
Bromomethane
Concen: 23.702 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

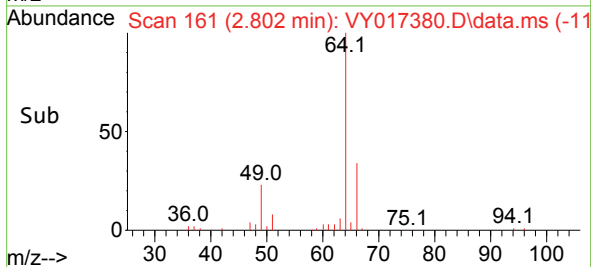
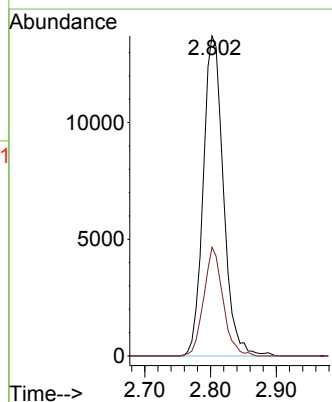
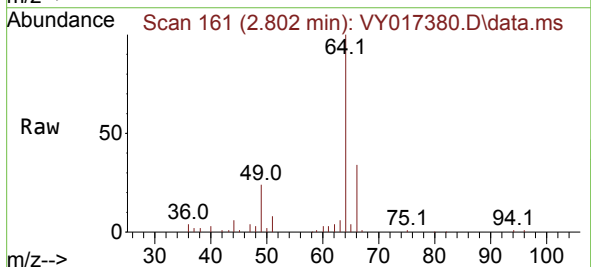
Instrument :
MSVOA_Y
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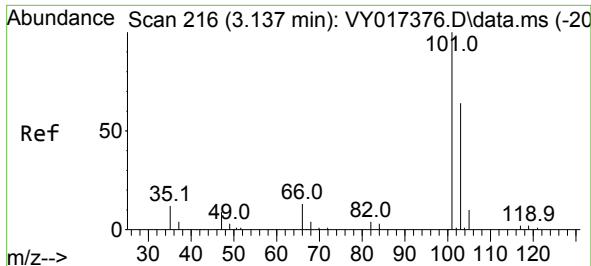
Tgt Ion: 94 Resp: 32816
Ion Ratio Lower Upper
94 100
96 93.0 77.3 115.9



#6
Chloroethane
Concen: 23.565 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017380.D
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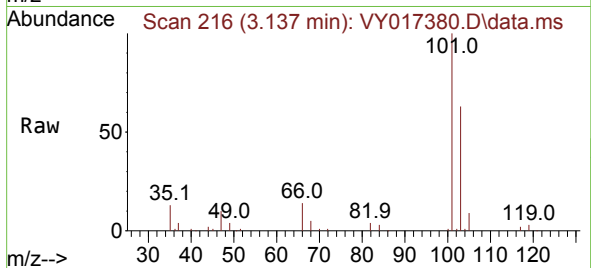
Tgt Ion: 64 Resp: 29287
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7



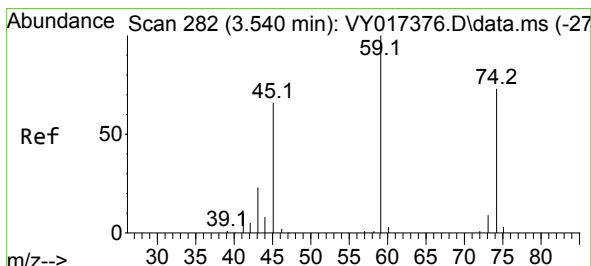
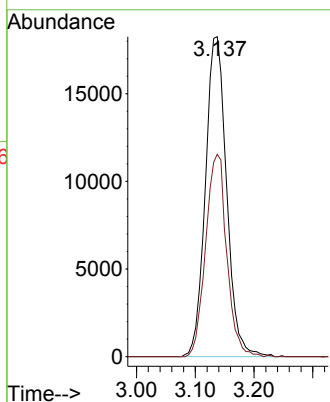
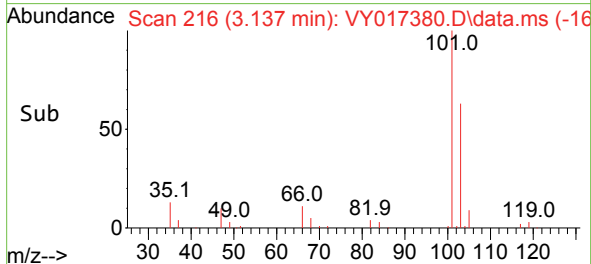


#7
 Trichlorofluoromethane
 Concen: 23.327 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY017380.D
 Acq: 14 Feb 2024 14:08

Instrument :
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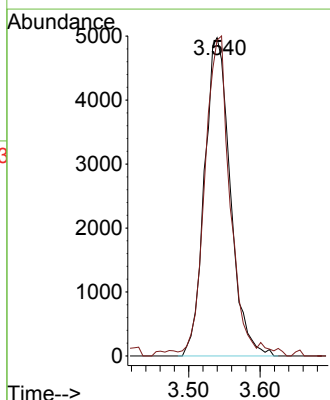
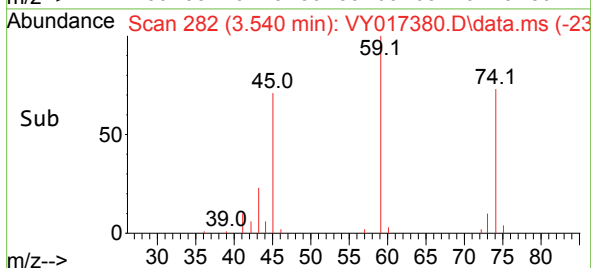
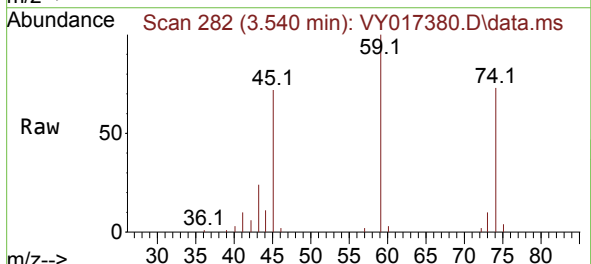


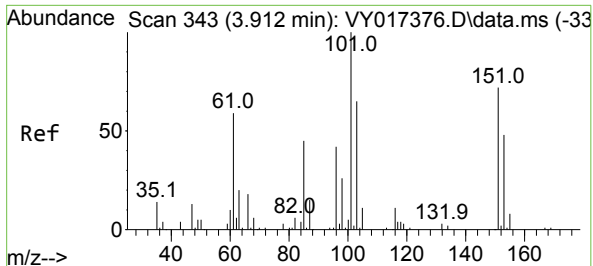
Tgt Ion:101 Resp: 45714
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 22.014 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY017380.D
 Acq: 14 Feb 2024 14:08

Tgt Ion: 74 Resp: 12456
 Ion Ratio Lower Upper
 74 100
 45 99.1 47.9 143.7

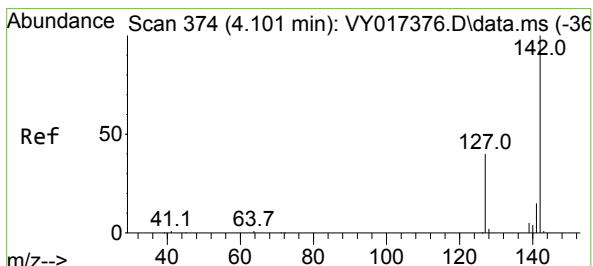
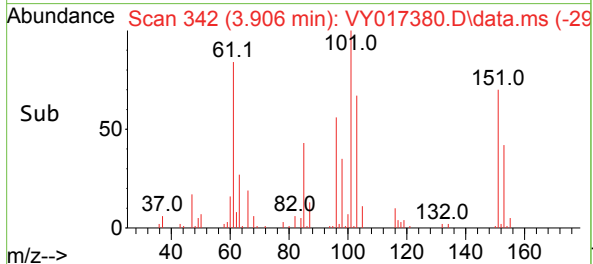
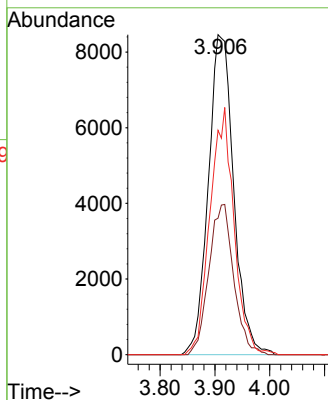
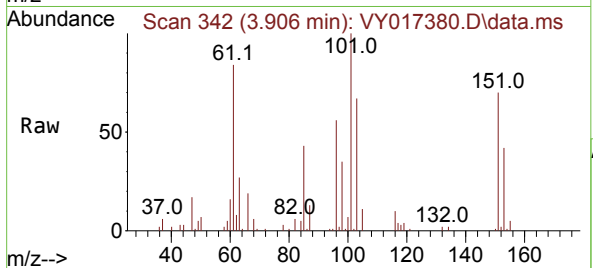




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.047 ug/l
RT: 3.906 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

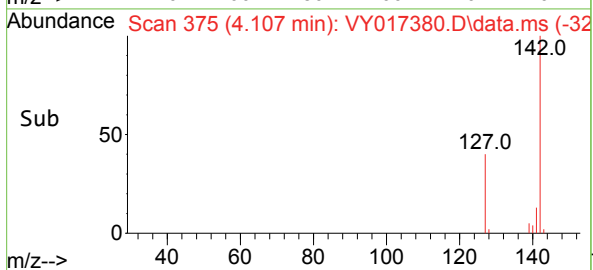
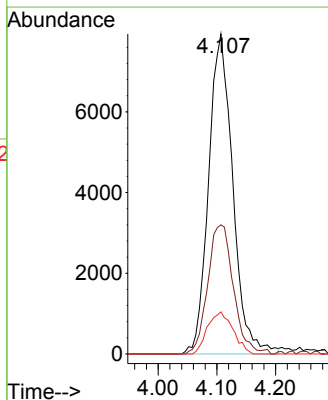
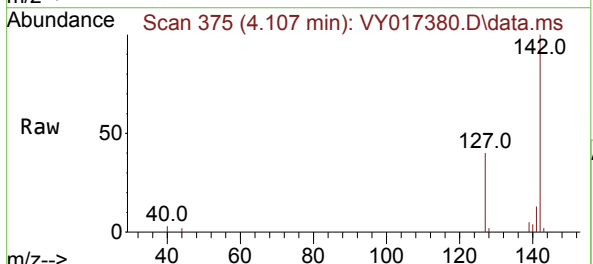
Instrument :
MSVOA_Y
ClientSampleId :

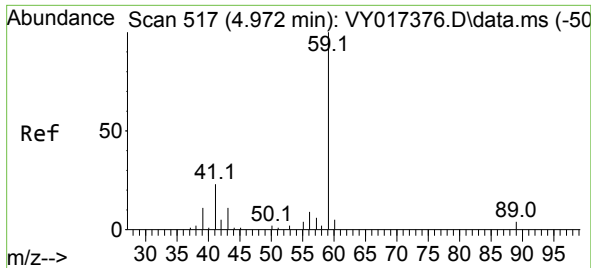
Tgt Ion:101 Resp: 27172
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 73.2 58.6 88.0



#10
Methyl Iodide
Concen: 19.574 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion:142 Resp: 22683
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 13.9 11.8 17.6

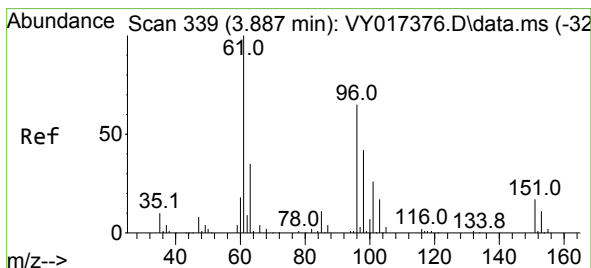
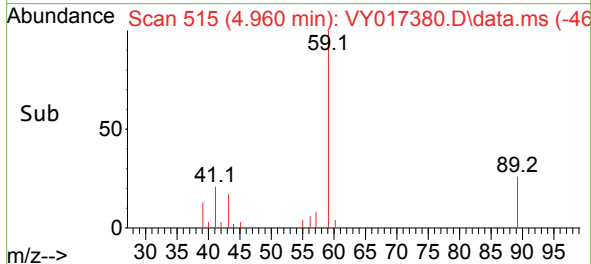
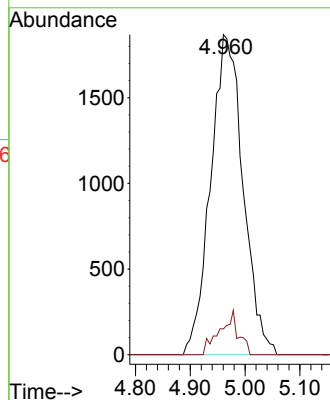
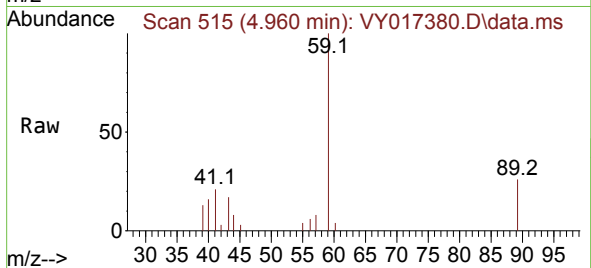




#11
Tert butyl alcohol
Concen: 104.293 ug/l
RT: 4.960 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

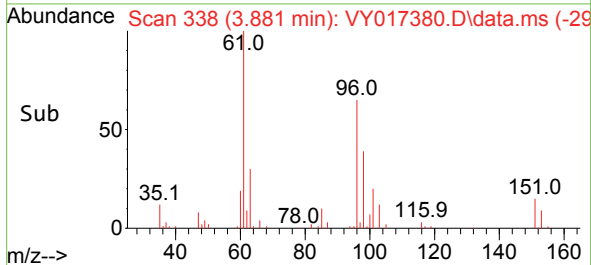
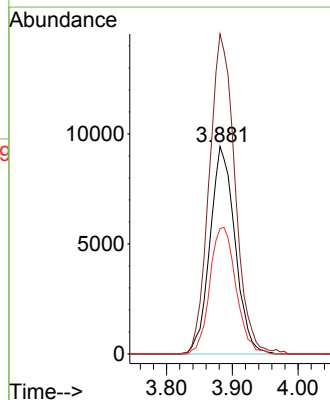
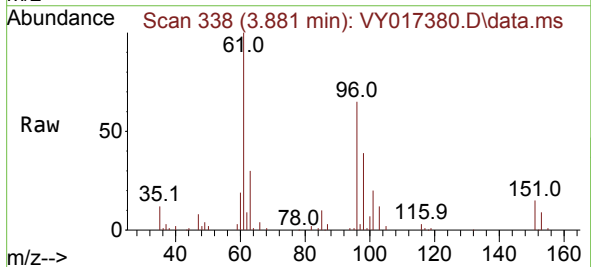
Instrument :
MSVOA_Y
ClientSampleId :

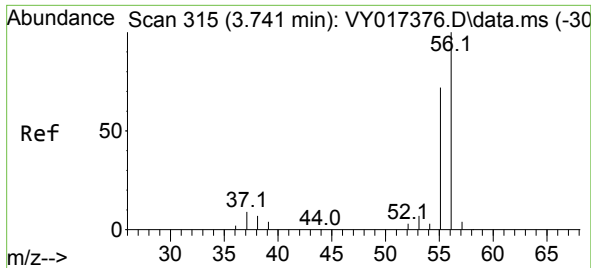
Tgt Ion: 59 Resp: 7679
Ion Ratio Lower Upper
59 100
57 7.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 22.950 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 96 Resp: 24956
Ion Ratio Lower Upper
96 100
61 154.2 124.2 186.2
98 60.4 52.6 79.0





#13

Acrolein

Concen: 112.744 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

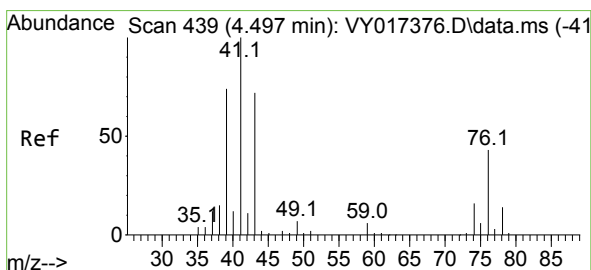
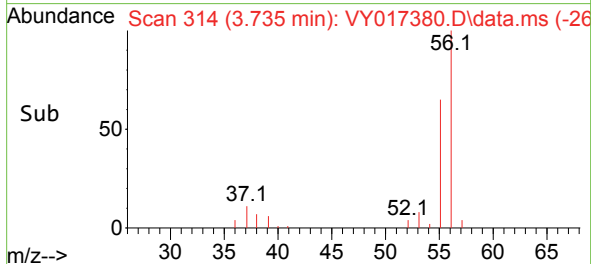
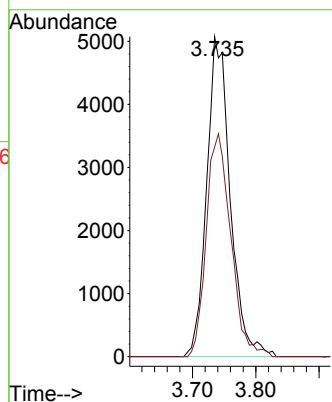
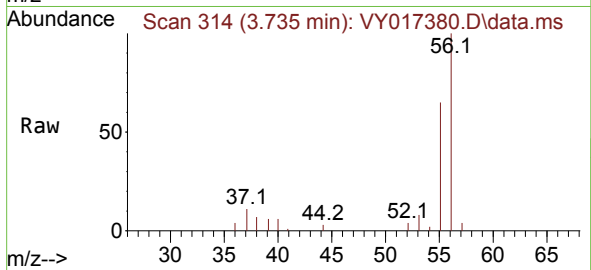
ClientSampleId :

Tgt Ion: 56 Resp: 13113

Ion Ratio Lower Upper

56 100

55 72.9 55.4 83.0



#14

Allyl chloride

Concen: 23.029 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

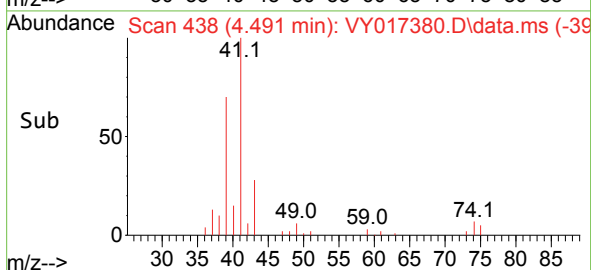
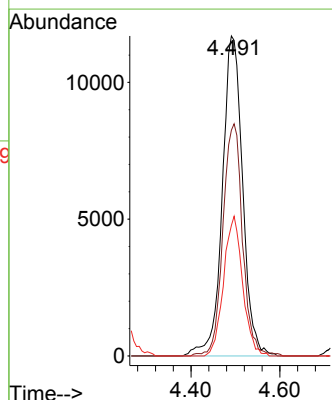
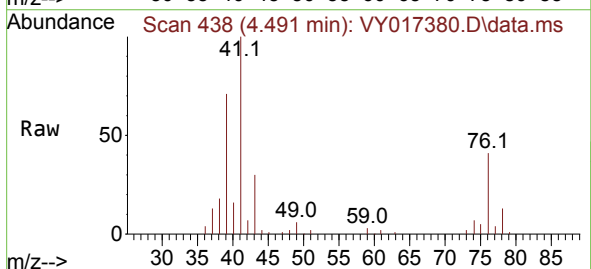
Tgt Ion: 41 Resp: 37028

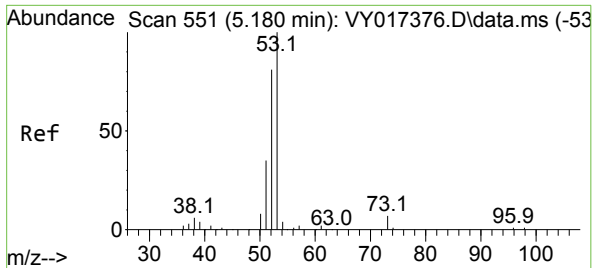
Ion Ratio Lower Upper

41 100

39 70.0 54.7 82.1

76 40.9 31.8 47.6

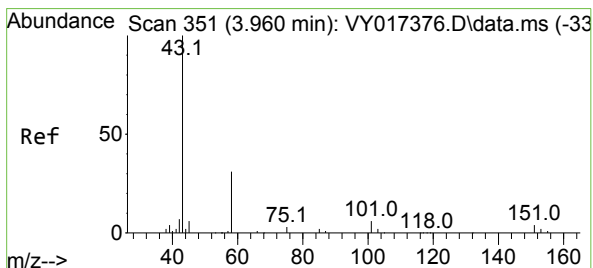
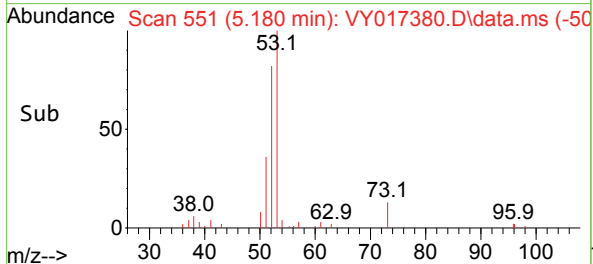
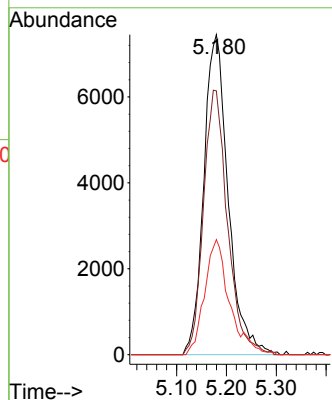
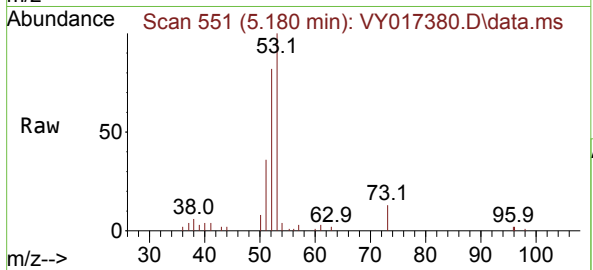




#15
Acrylonitrile
Concen: 103.901 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

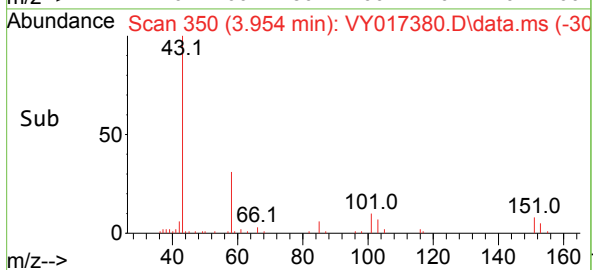
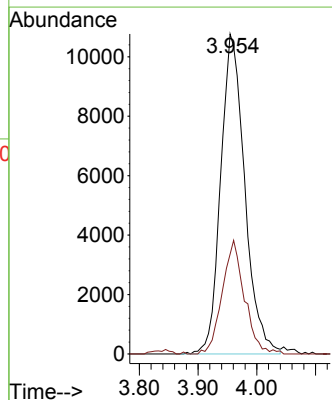
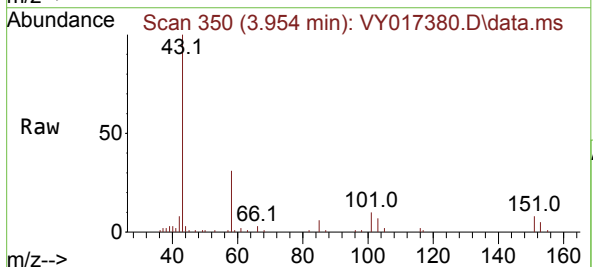
Instrument :
MSVOA_Y
ClientSampleId :

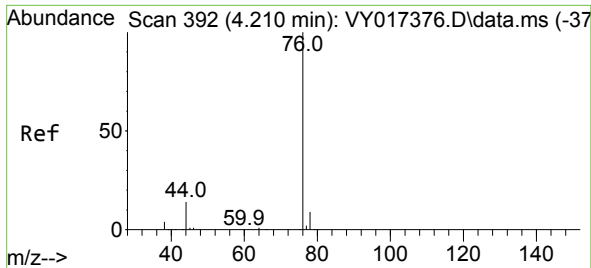
Tgt Ion: 53	Resp: 25291
Ion Ratio	Lower Upper
53	100
52	81.5 65.1 97.7
51	36.9 29.0 43.4



#16
Acetone
Concen: 107.568 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 43	Resp: 30646
Ion Ratio	Lower Upper
43	100
58	31.2 26.6 39.8

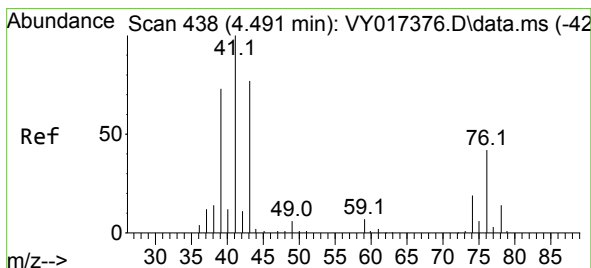
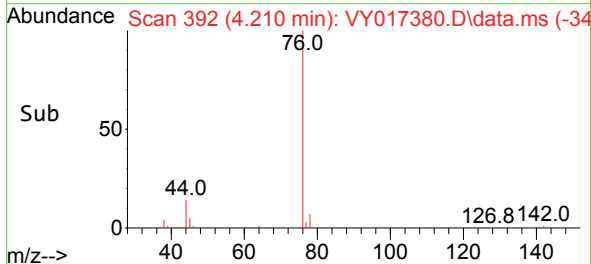
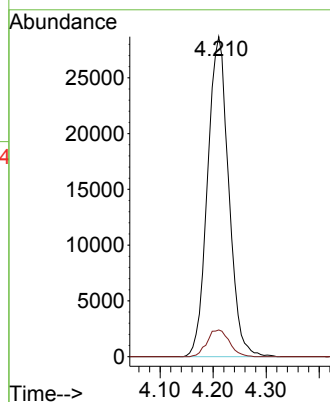
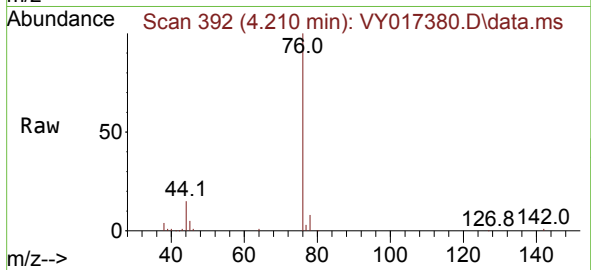




#17
Carbon Disulfide
Concen: 22.892 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

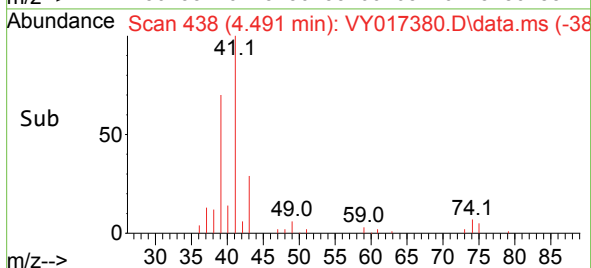
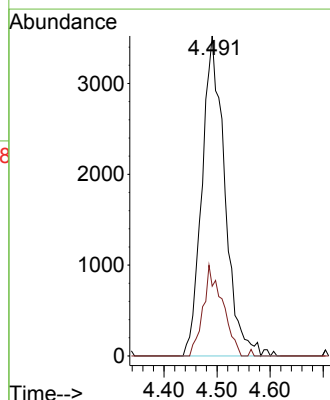
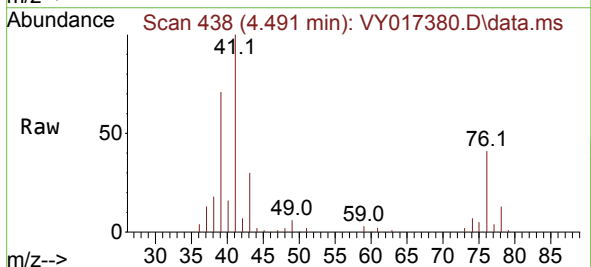
Instrument :
MSVOA_Y
ClientSampleId :

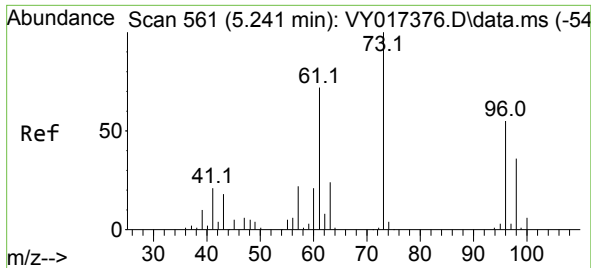
Tgt Ion: 76 Resp: 79408
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 14.341 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 43 Resp: 10561
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 21.408 ug/l

RT: 5.241 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

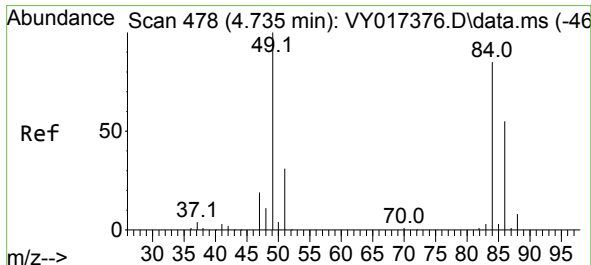
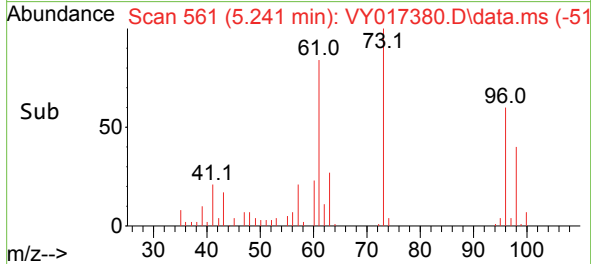
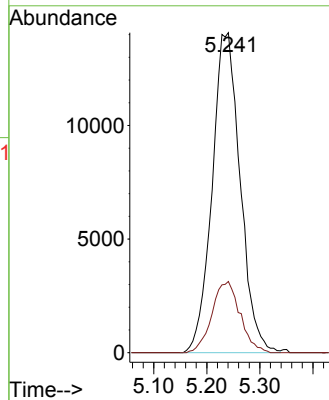
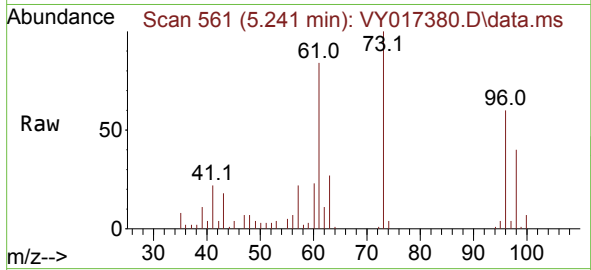
ClientSampleId :

Tgt Ion: 73 Resp: 51748

Ion Ratio Lower Upper

73 100

57 22.3 17.7 26.5



#20

Methylene Chloride

Concen: 22.852 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Tgt Ion: 84 Resp: 30655

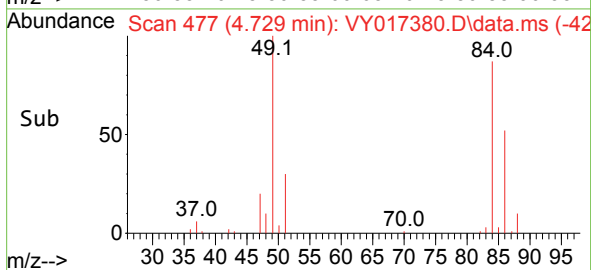
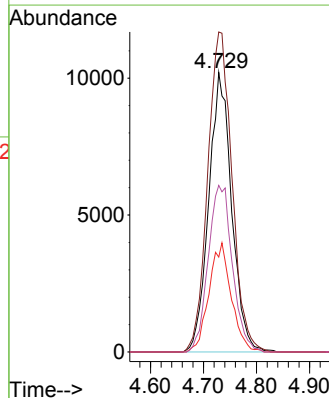
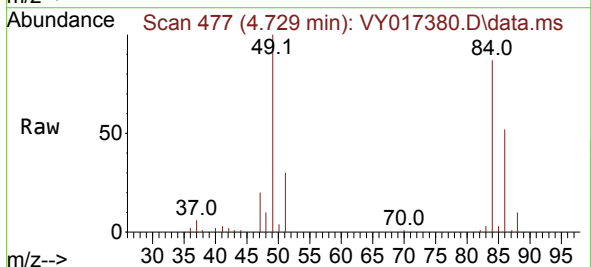
Ion Ratio Lower Upper

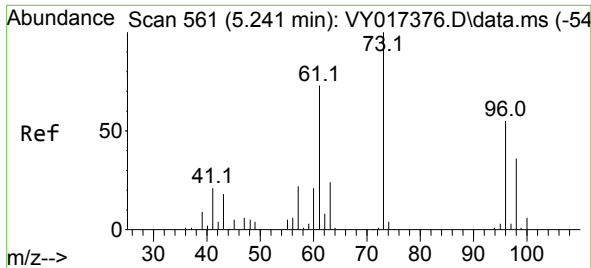
84 100

49 114.5 95.2 142.8

51 34.0 29.9 44.9

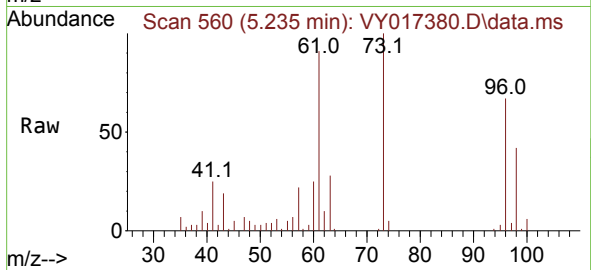
86 59.6 52.2 78.4



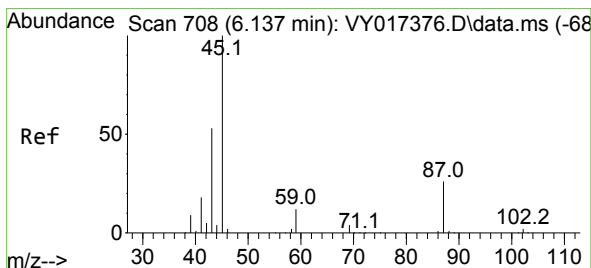
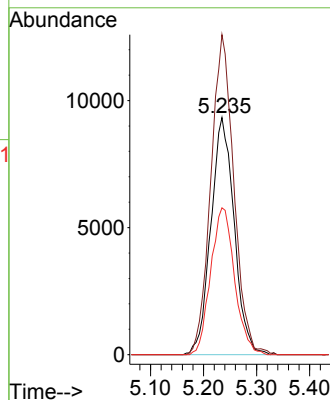
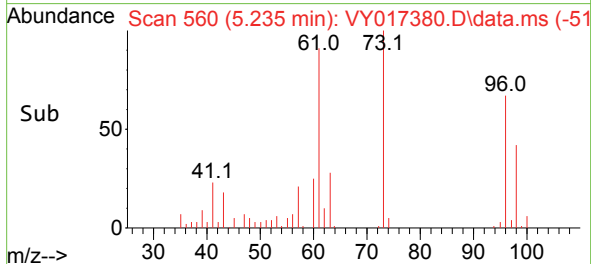


#21
trans-1,2-Dichloroethene
Concen: 22.947 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

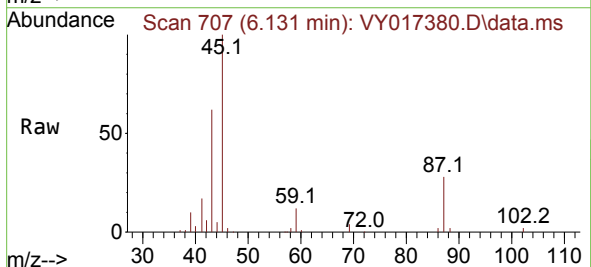
Instrument :
MSVOA_Y
ClientSampleId :



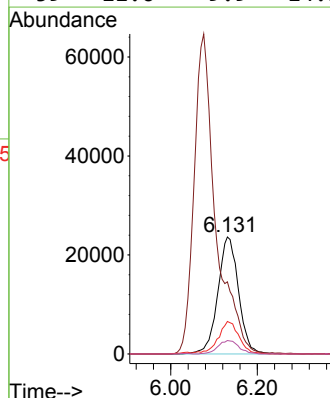
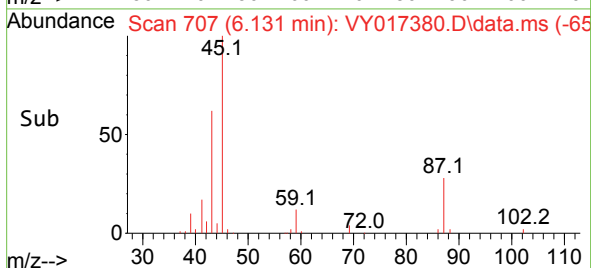
Tgt Ion: 96 Resp: 28507
Ion Ratio Lower Upper
96 100
61 134.9 104.6 156.8
98 61.9 50.9 76.3

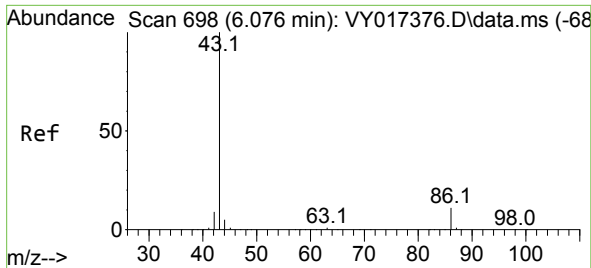


#22
Diisopropyl ether
Concen: 22.815 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08



Tgt Ion: 45 Resp: 78616
Ion Ratio Lower Upper
45 100
43 60.9 46.8 70.2
87 27.7 22.2 33.2
59 11.6 9.9 14.9

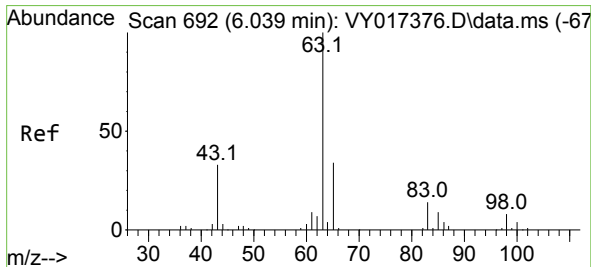
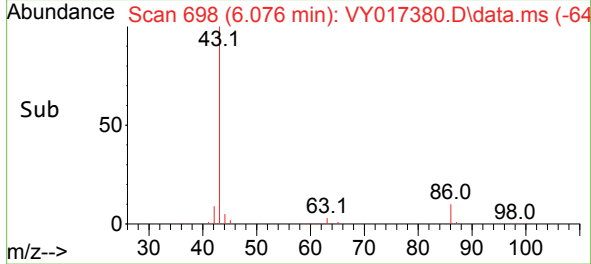
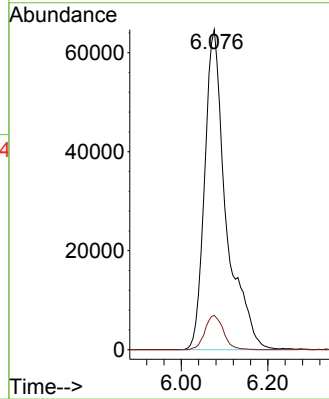
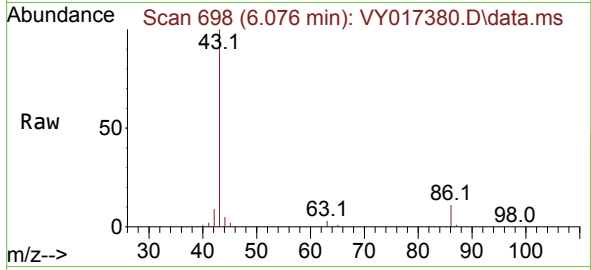




#23
 Vinyl Acetate
 Concen: 118.394 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017380.D
 Acq: 14 Feb 2024 14:08

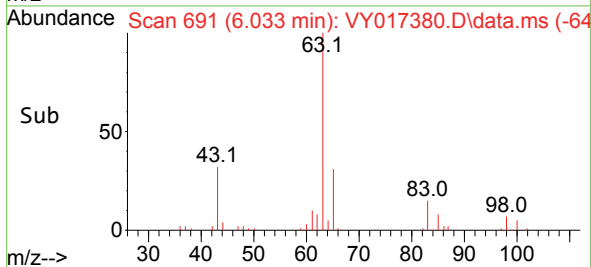
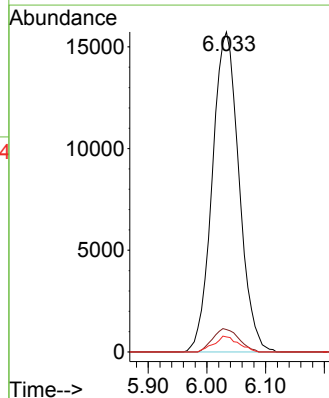
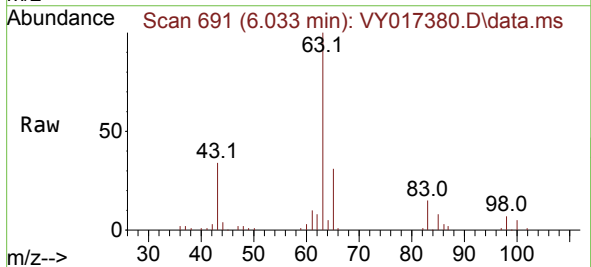
Instrument :
 MSVOA_Y
 ClientSampleId :

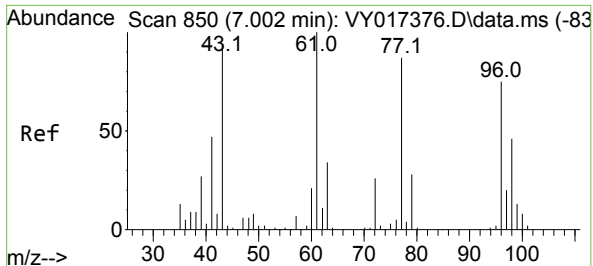
Tgt Ion: 43 Resp: 223581
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 23.111 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY017380.D
 Acq: 14 Feb 2024 14:08

Tgt Ion: 63 Resp: 49687
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 108.547 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

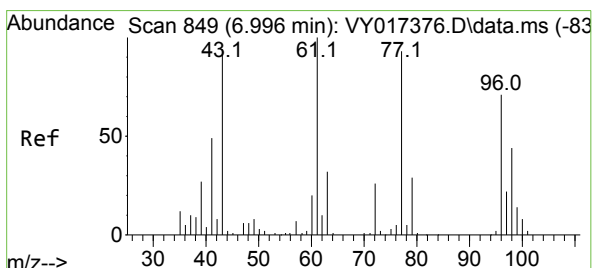
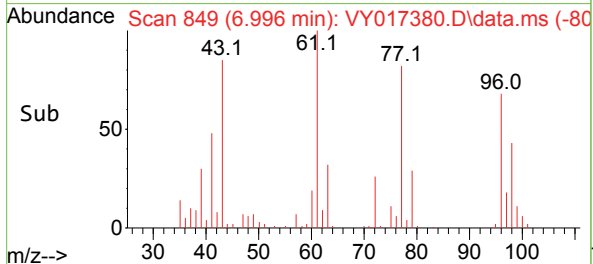
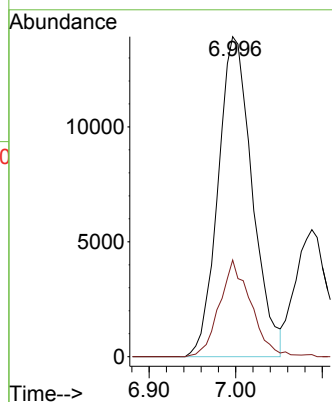
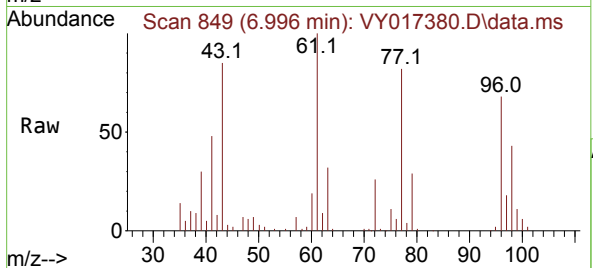
ClientSampleId :

Tgt Ion: 43 Resp: 38209

Ion Ratio Lower Upper

43 100

72 30.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.931 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017380.D

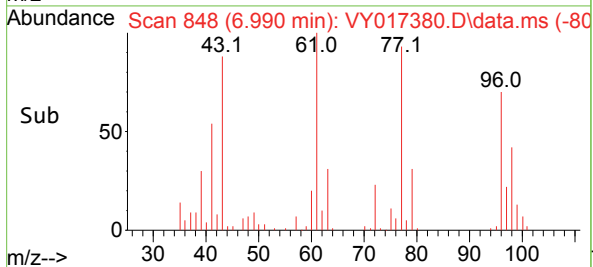
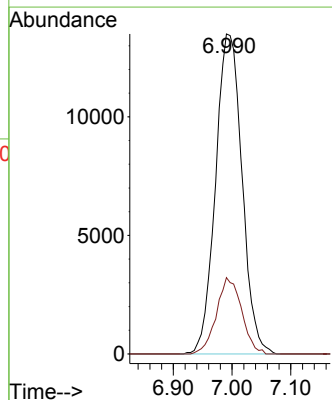
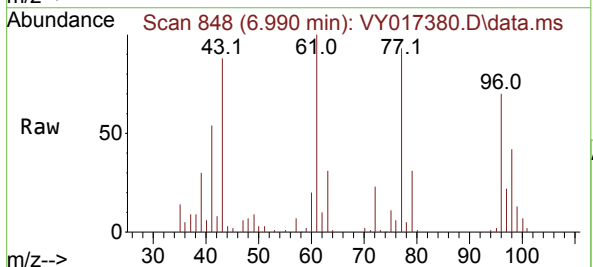
Acq: 14 Feb 2024 14:08

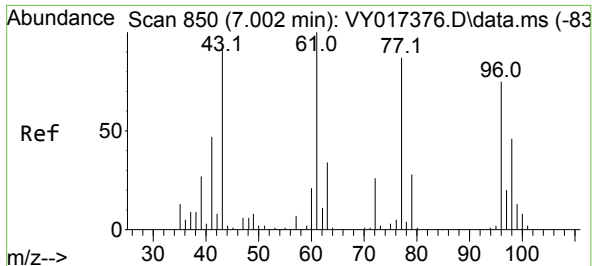
Tgt Ion: 77 Resp: 42224

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.239 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

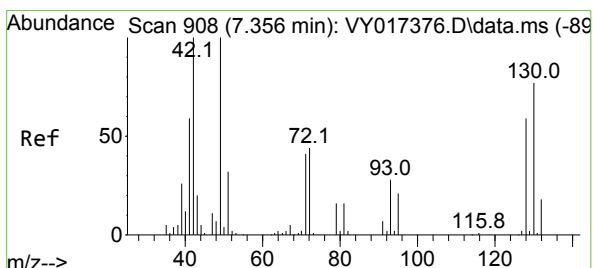
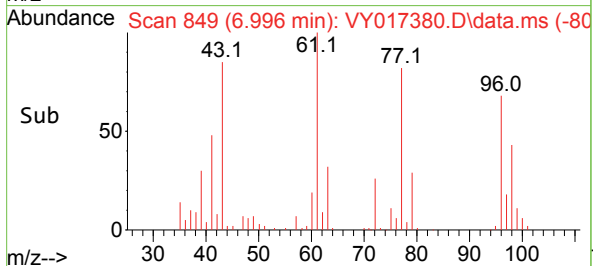
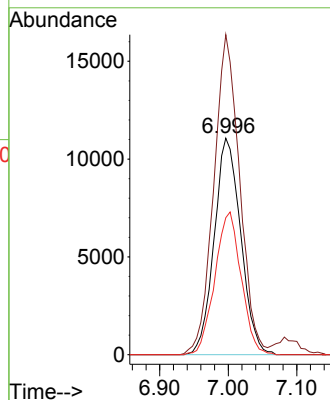
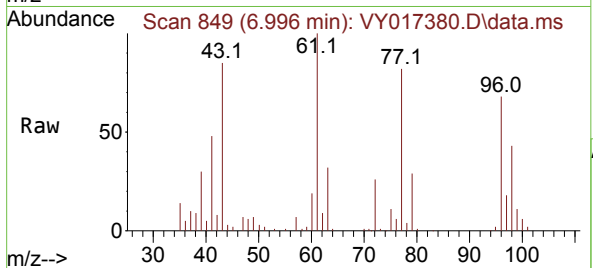
Tgt Ion: 96 Resp: 29745

Ion Ratio Lower Upper

96 100

61 144.4 0.0 278.8

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 19.682 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

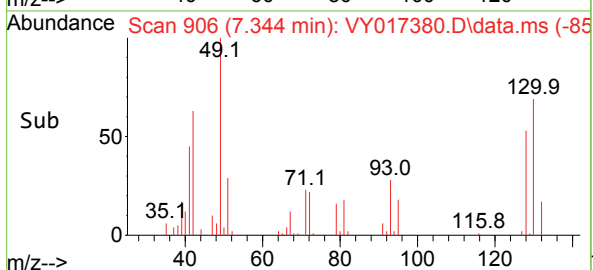
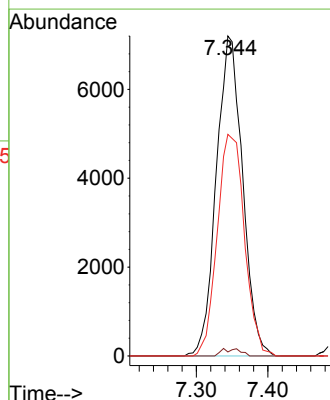
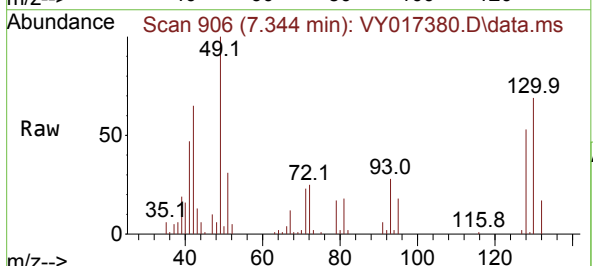
Tgt Ion: 49 Resp: 18333

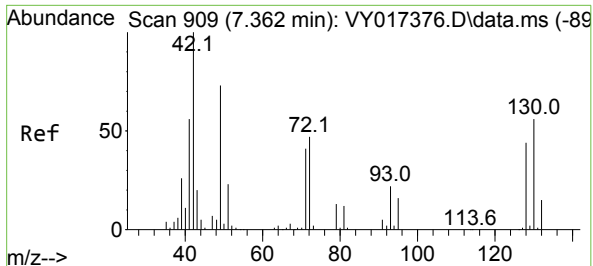
Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

130 71.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 102.296 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

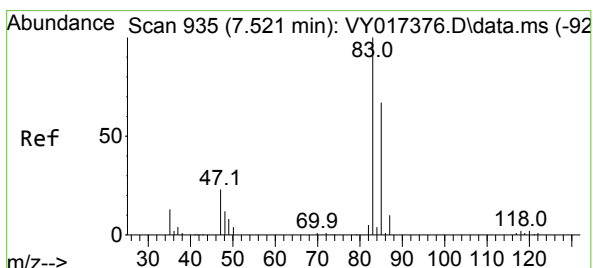
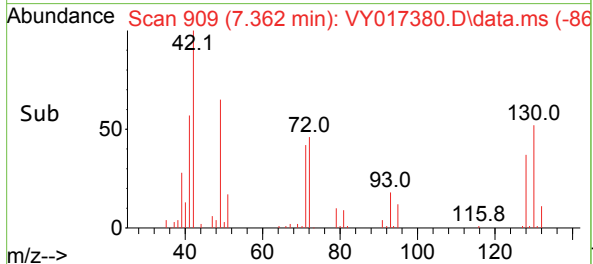
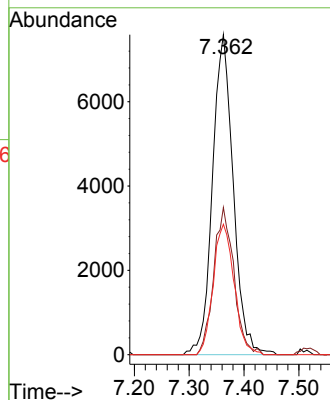
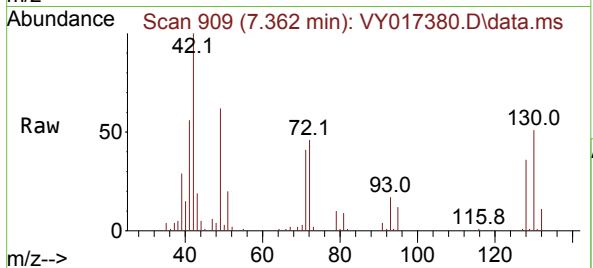
Tgt Ion: 42 Resp: 19969

Ion Ratio Lower Upper

42 100

72 44.6 36.6 54.8

71 41.0 33.8 50.6



#30

Chloroform

Concen: 22.791 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY017380.D

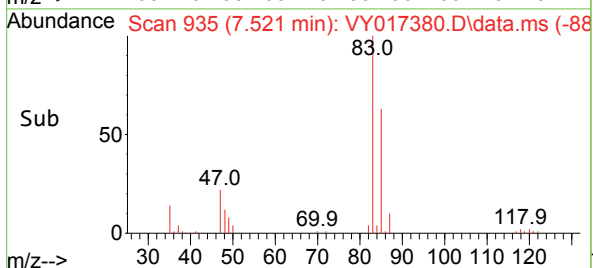
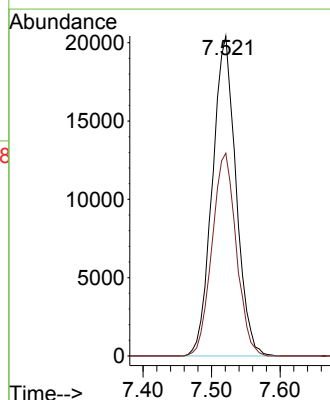
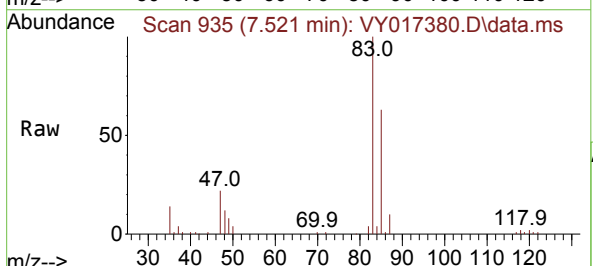
Acq: 14 Feb 2024 14:08

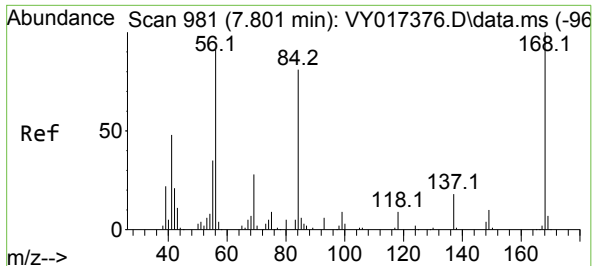
Tgt Ion: 83 Resp: 48858

Ion Ratio Lower Upper

83 100

85 63.4 51.2 76.8

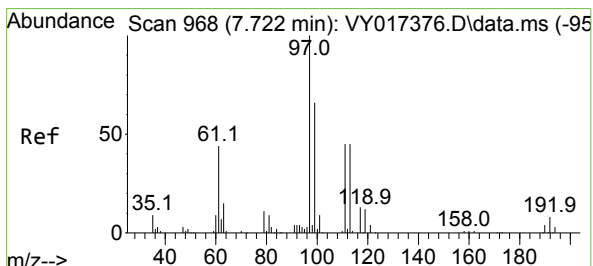
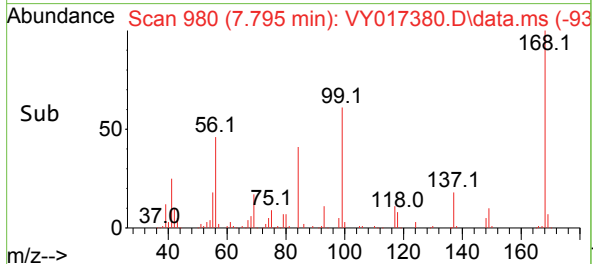
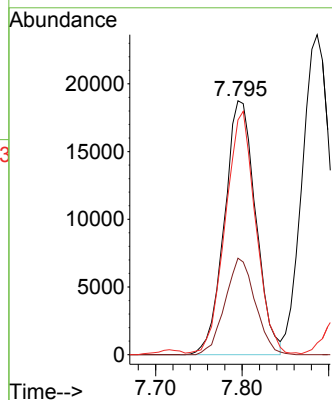
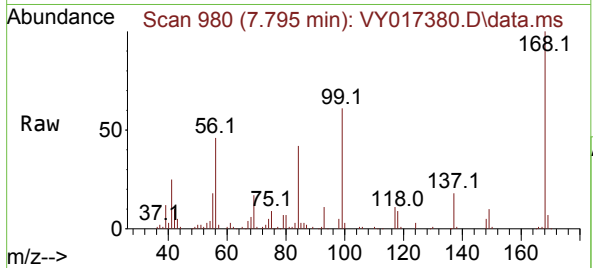




#31
Cyclohexane
Concen: 22.951 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

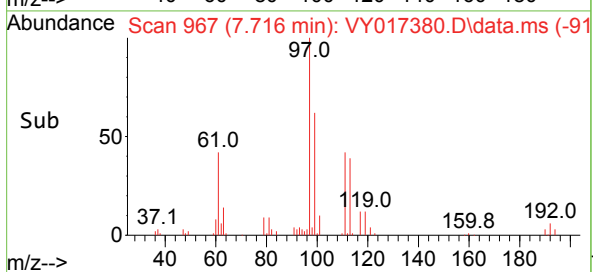
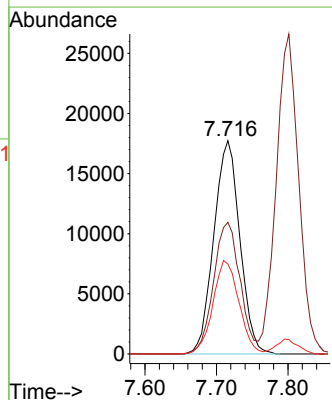
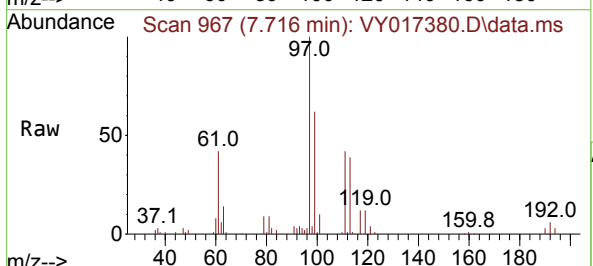
Instrument :
MSVOA_Y
ClientSampleId :

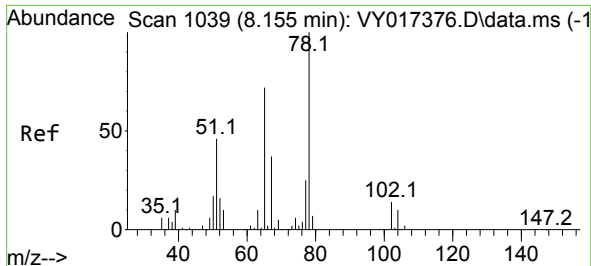
Tgt Ion: 56 Resp: 47026
Ion Ratio Lower Upper
56 100
69 38.0 27.0 40.6
84 91.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 23.553 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 97 Resp: 44800
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 22.096 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

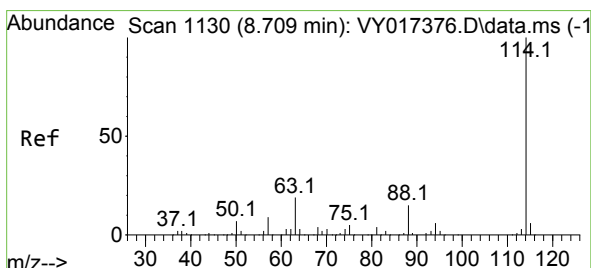
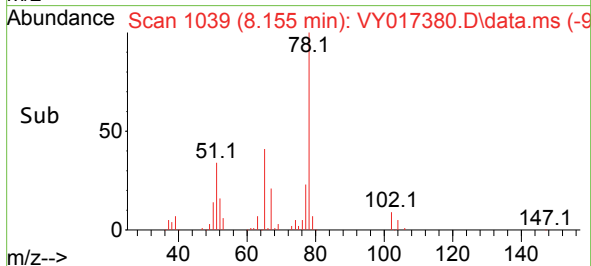
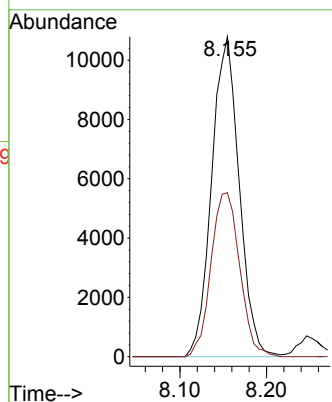
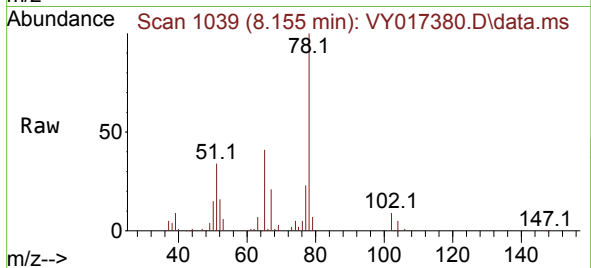
ClientSampleId :

Tgt Ion: 65 Resp: 23781

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

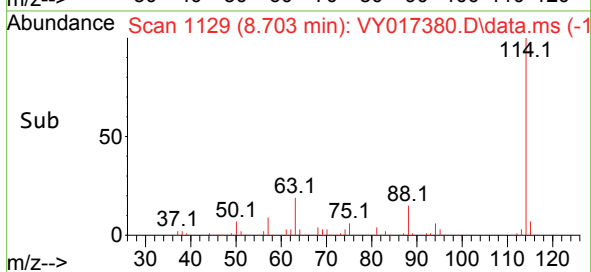
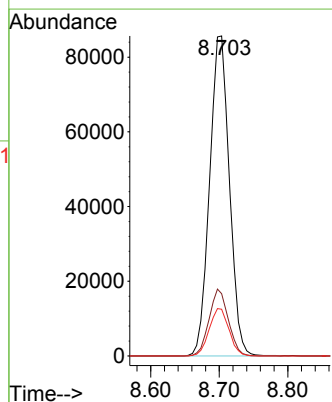
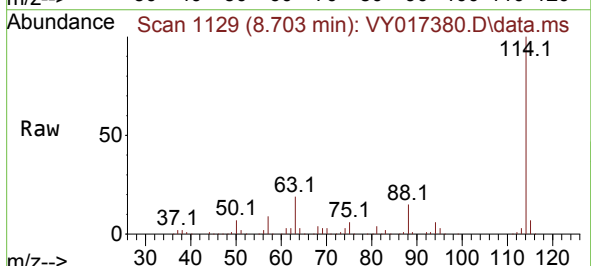
Tgt Ion: 114 Resp: 171677

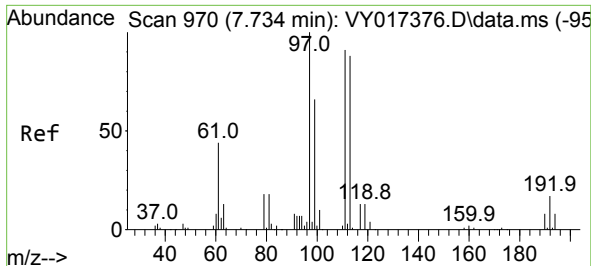
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

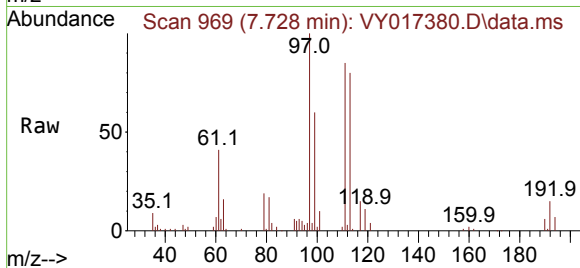
88 14.6 0.0 29.0



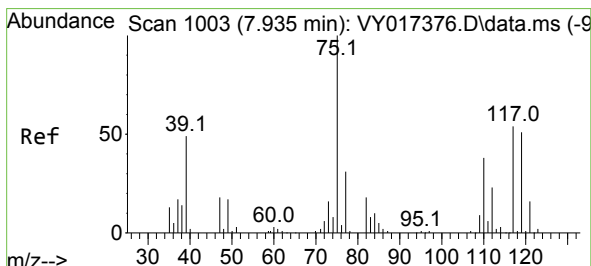
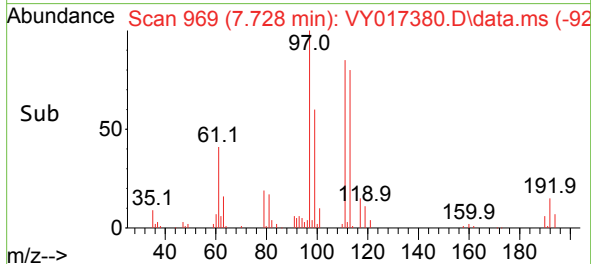
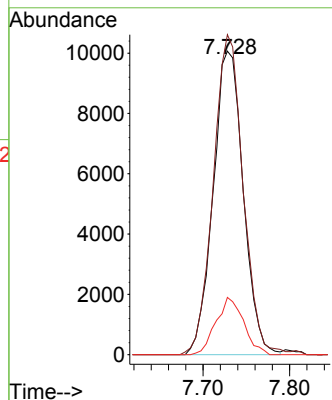


#35
Dibromofluoromethane
Concen: 22.206 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

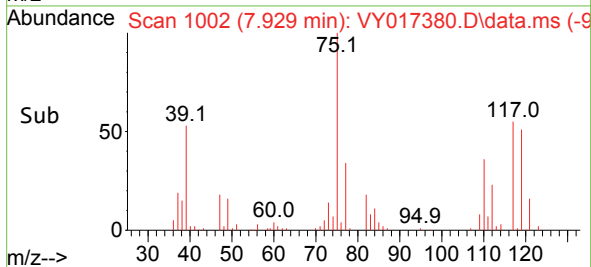
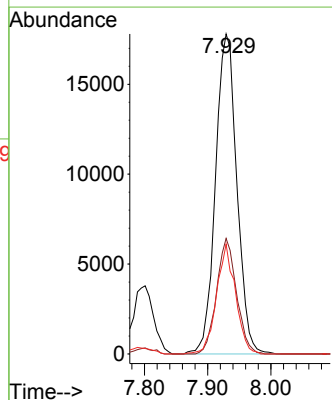
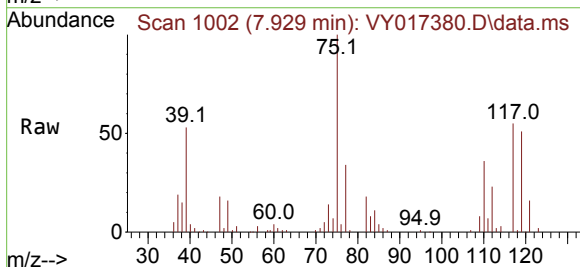


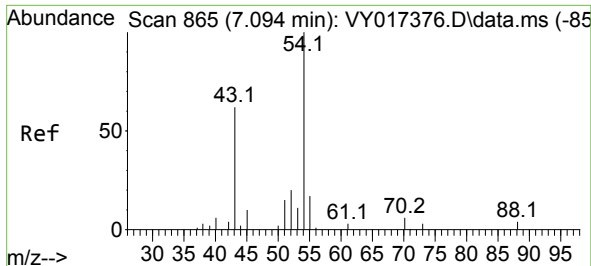
Tgt Ion:113 Resp: 24306
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 23.245 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 75 Resp: 41659
Ion Ratio Lower Upper
75 100
110 33.7 17.4 52.3
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 21.025 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.006 min

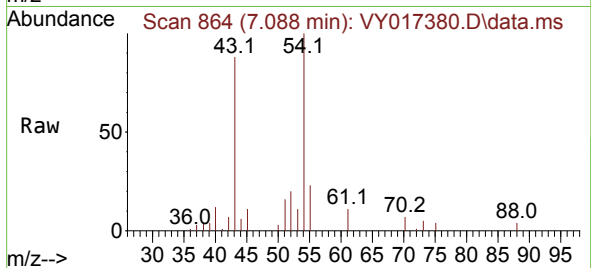
Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :



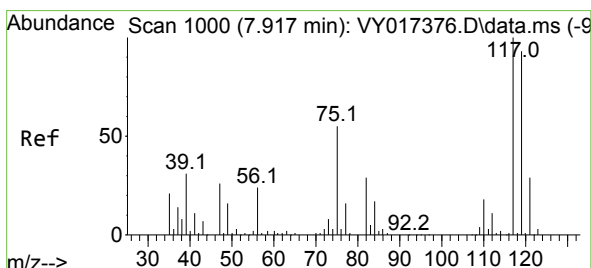
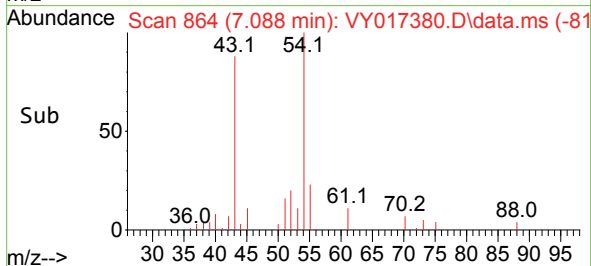
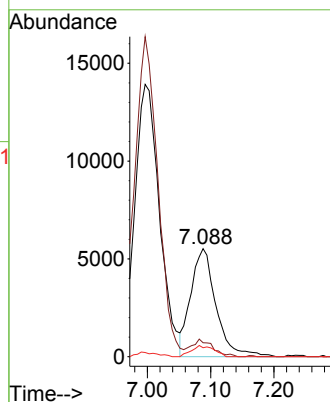
Tgt Ion: 43 Resp: 15319

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 22.865 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

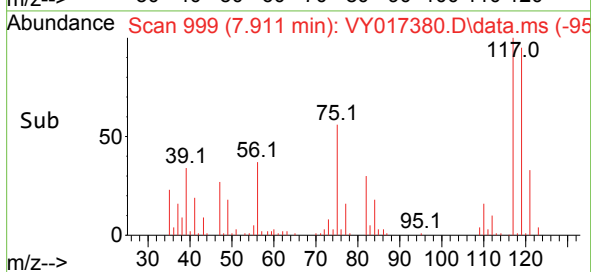
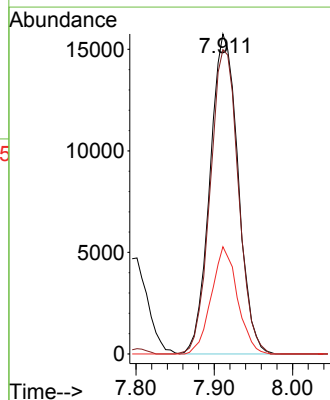
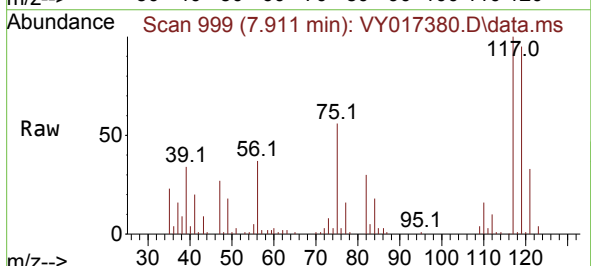
Tgt Ion: 117 Resp: 39321

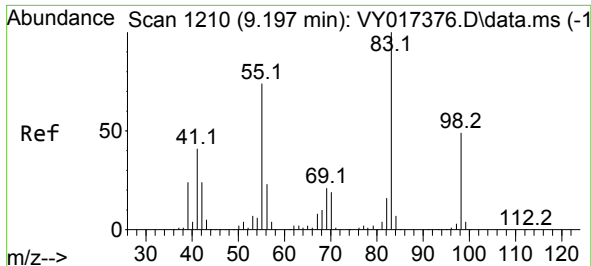
Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0

121 33.5 24.2 36.2

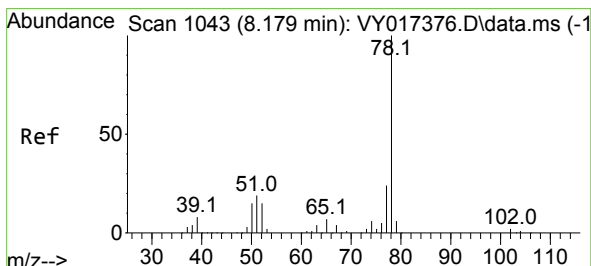
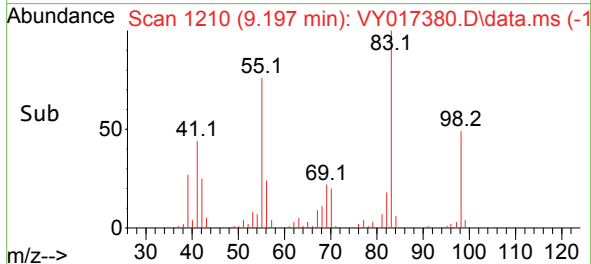
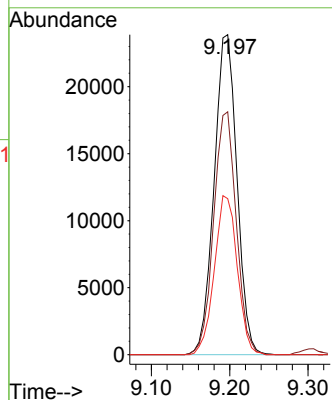
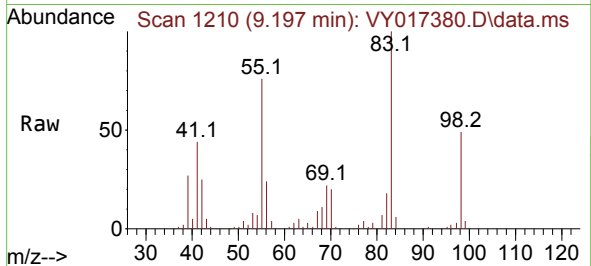




#39
Methylcyclohexane
Concen: 22.593 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

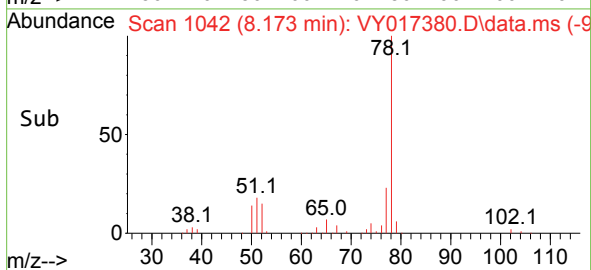
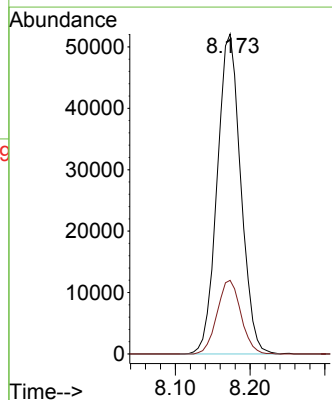
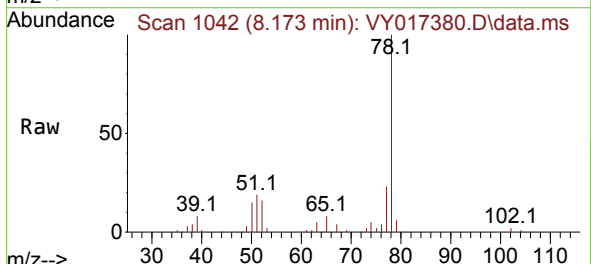
Instrument :
MSVOA_Y
ClientSampleId :

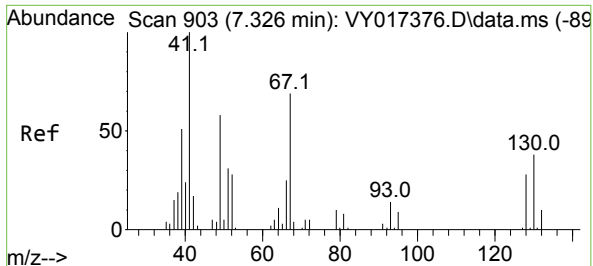
Tgt Ion: 83 Resp: 48480
Ion Ratio Lower Upper
83 100
55 75.9 59.7 89.5
98 48.8 38.0 57.0



#40
Benzene
Concen: 22.747 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

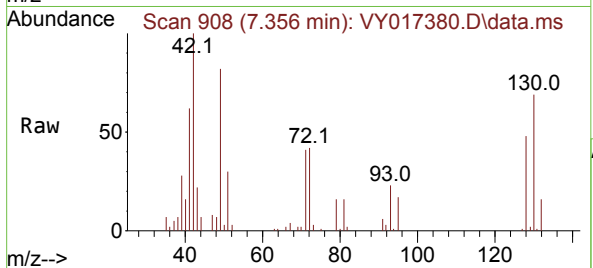
Tgt Ion: 78 Resp: 114215
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



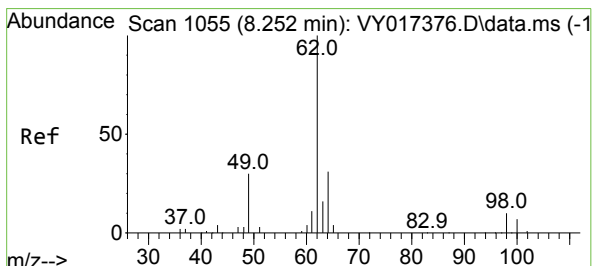
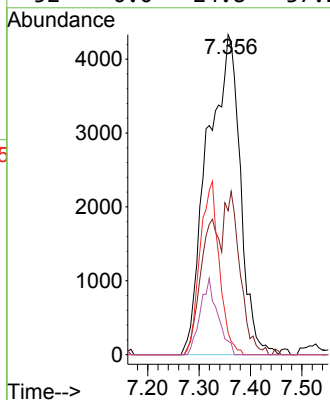
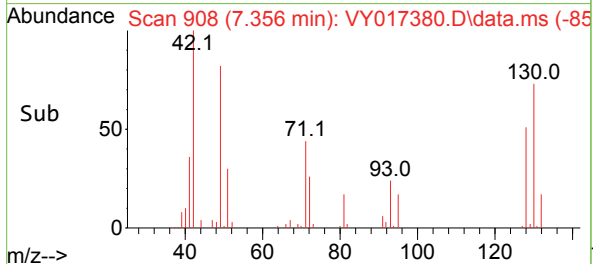


#41
Methacrylonitrile
Concen: 51.655 ug/l
RT: 7.356 min Scan# 903
Delta R.T. 0.031 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

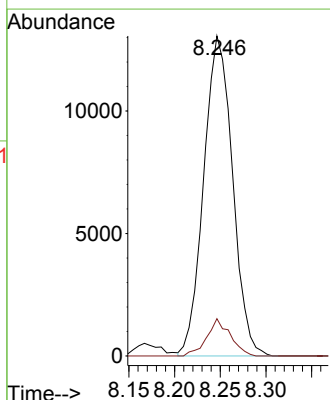
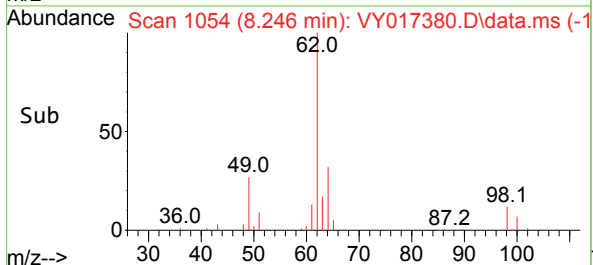
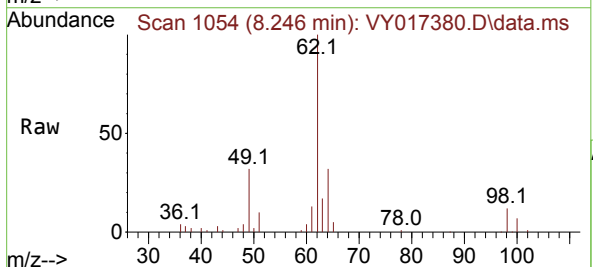


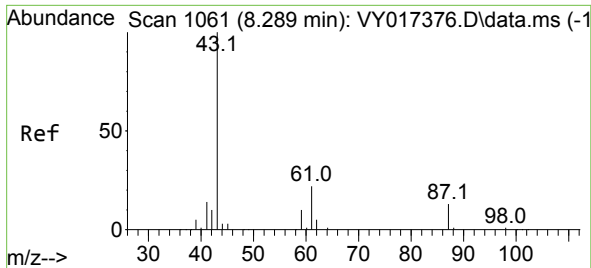
Tgt Ion: 41 Resp: 19182
Ion Ratio Lower Upper
41 100
39 24.3 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 22.429 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 62 Resp: 28662
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.2

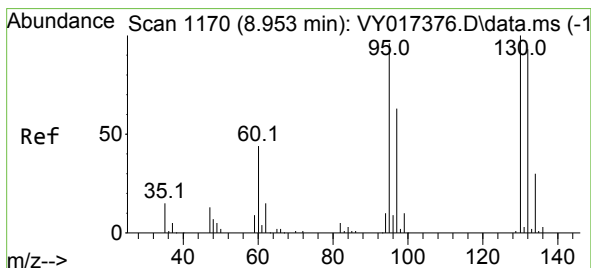
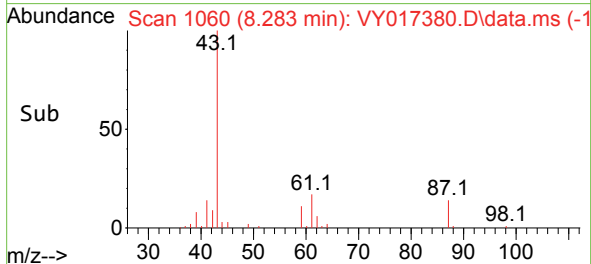
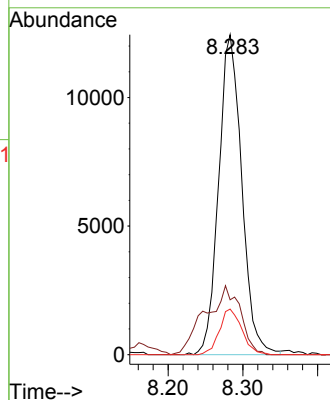
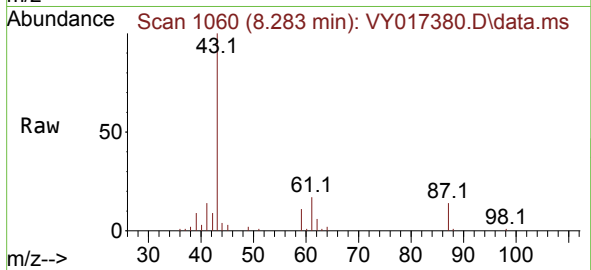




#43
Isopropyl Acetate
Concen: 20.475 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

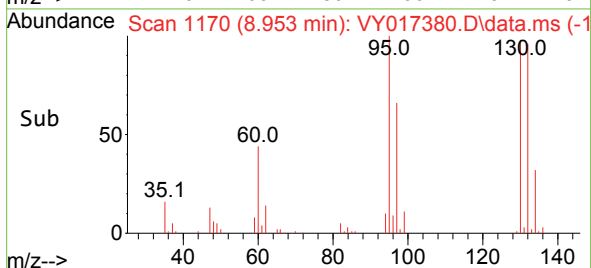
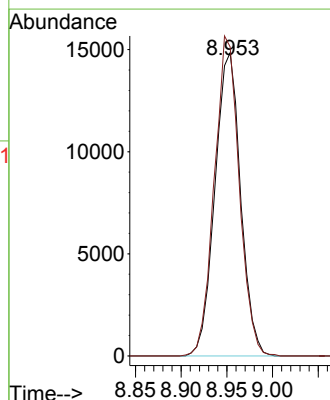
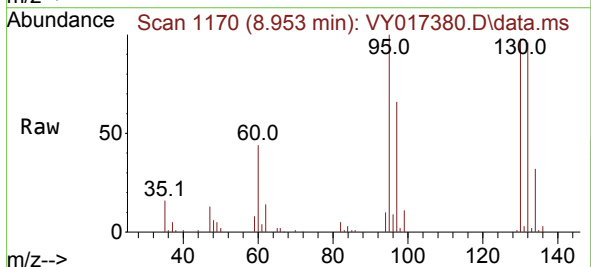
Instrument :
MSVOA_Y
ClientSampleId :

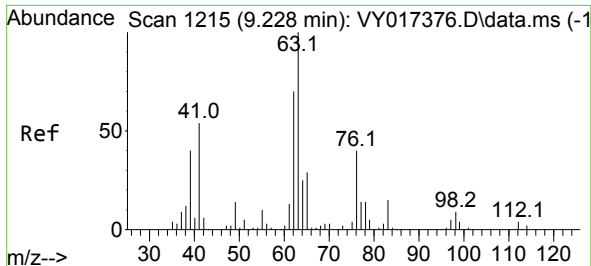
Tgt Ion: 43 Resp: 26722
Ion Ratio Lower Upper
43 100
61 32.7 24.8 37.2
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 22.333 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion:130 Resp: 28977
Ion Ratio Lower Upper
130 100
95 102.0 0.0 203.8

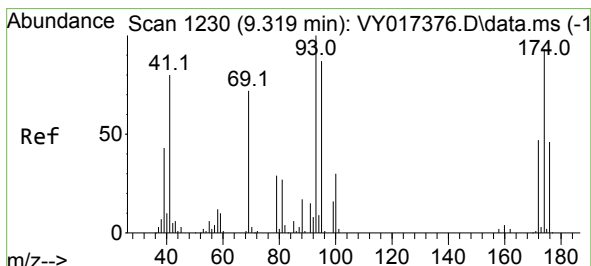
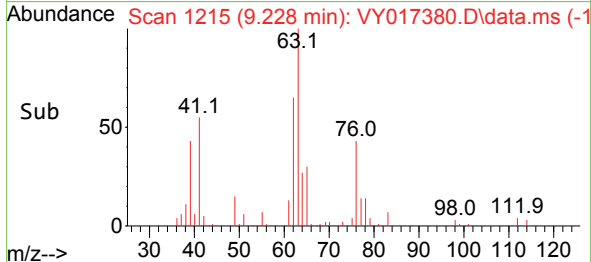
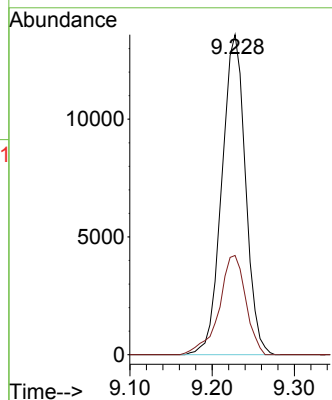
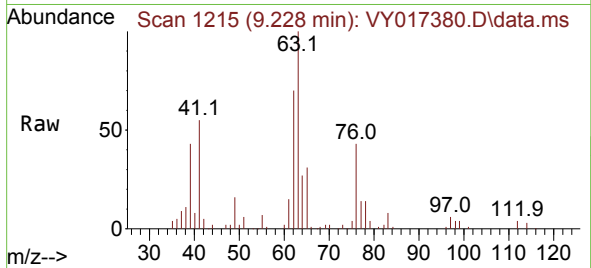




#45
1,2-Dichloropropane
Concen: 22.437 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

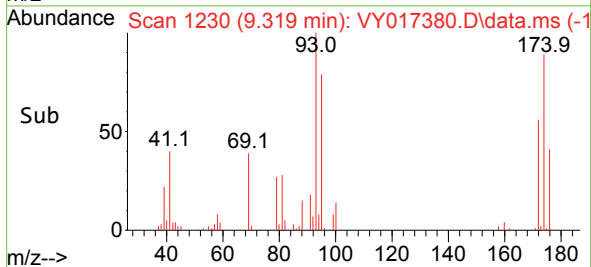
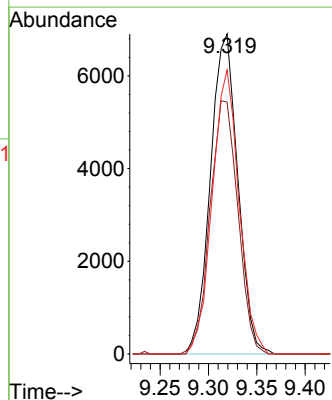
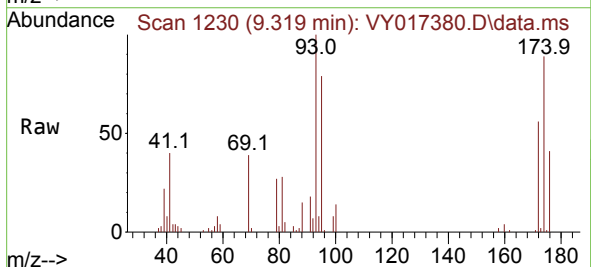
Instrument :
MSVOA_Y
ClientSampleId :

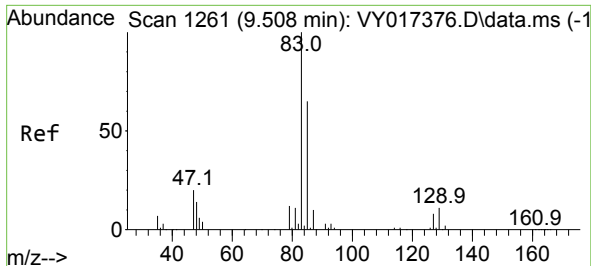
Tgt Ion: 63 Resp: 27113
Ion Ratio Lower Upper
63 100
65 31.0 24.6 36.8



#46
Dibromomethane
Concen: 21.678 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 93 Resp: 13593
Ion Ratio Lower Upper
93 100
95 80.4 66.6 99.8
174 86.9 73.8 110.6

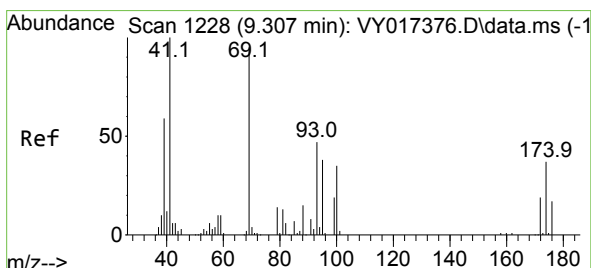
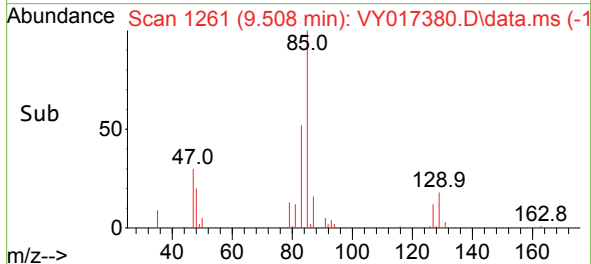
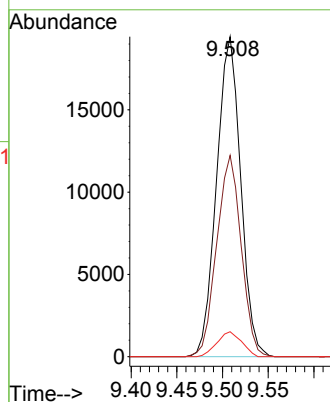
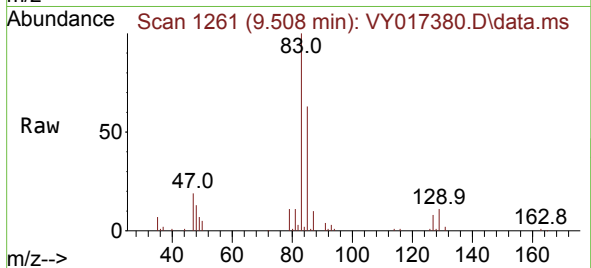




#47
Bromodichloromethane
Concen: 22.134 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

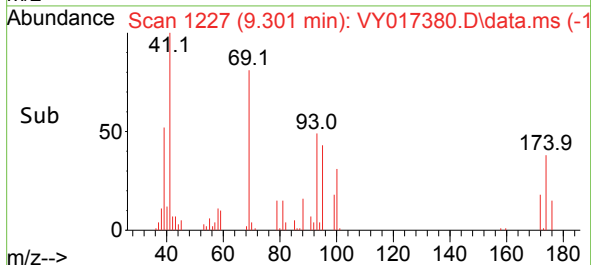
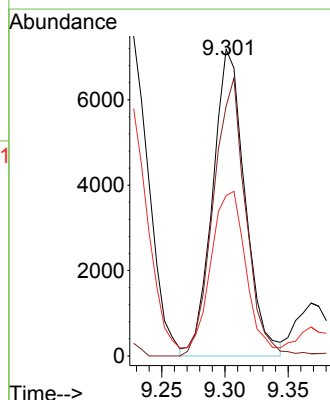
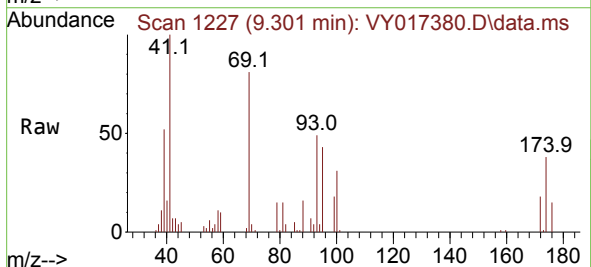
Instrument :
MSVOA_Y
ClientSampleId :

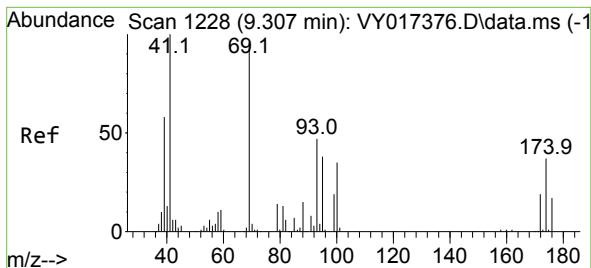
Tgt Ion: 83 Resp: 35697
Ion Ratio Lower Upper
83 100
85 62.9 53.2 79.8
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 18.604 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 41 Resp: 12802
Ion Ratio Lower Upper
41 100
69 90.7 72.1 108.1
39 53.8 42.8 64.2





#49

1,4-Dioxane

Concen: 439.857 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

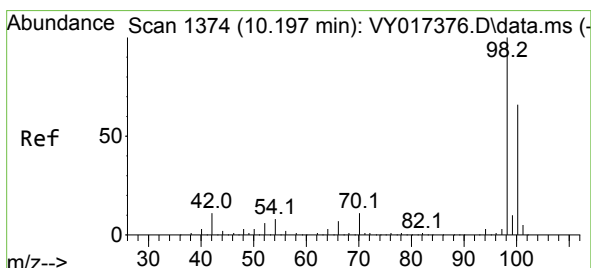
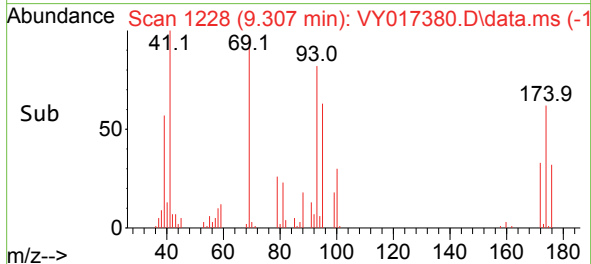
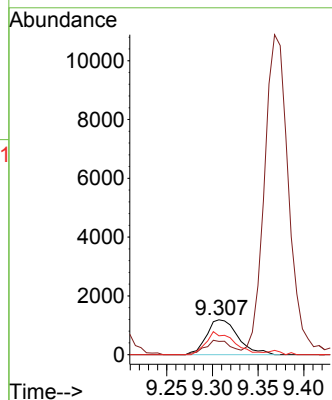
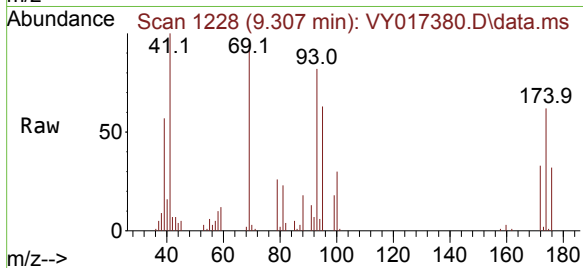
Tgt Ion: 88 Resp: 2842

Ion Ratio Lower Upper

88 100

43 34.4 28.2 42.4

58 58.8 52.2 78.2



#50

Toluene-d8

Concen: 22.585 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017380.D

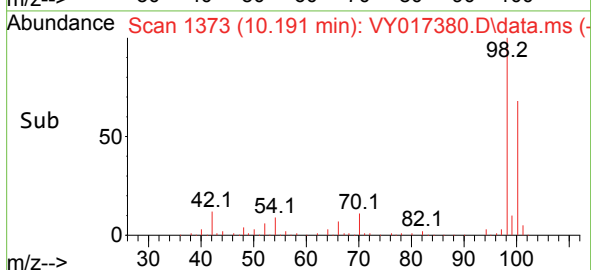
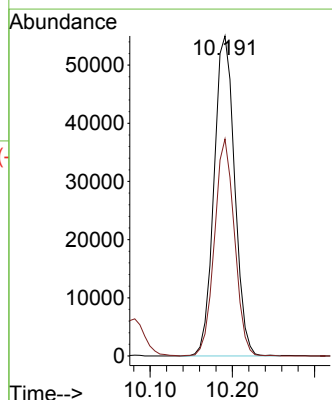
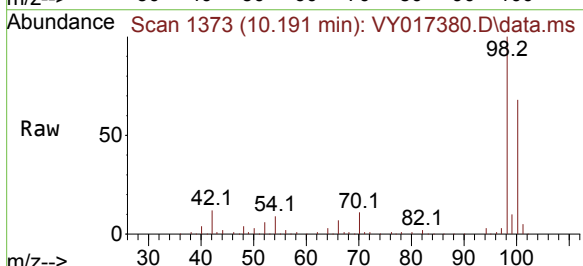
Acq: 14 Feb 2024 14:08

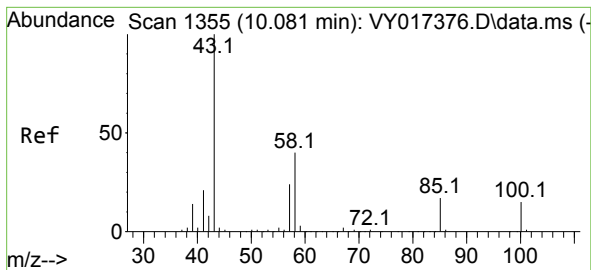
Tgt Ion: 98 Resp: 95786

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5

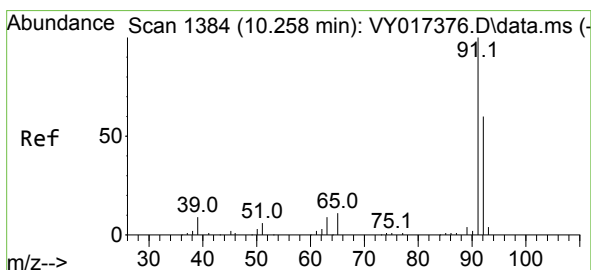
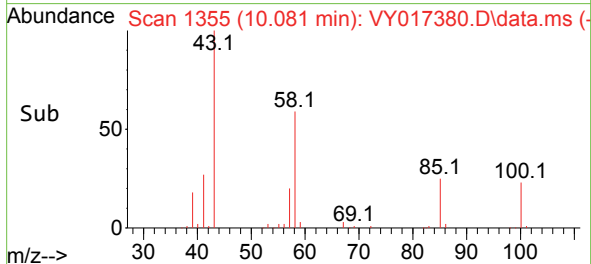
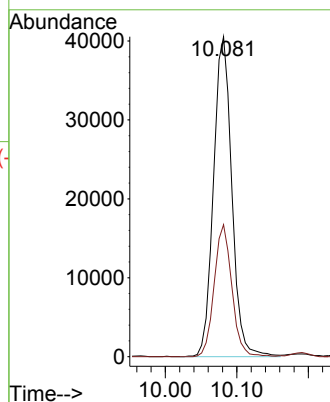
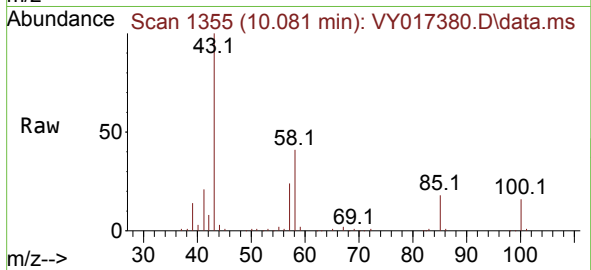




#51
4-Methyl-2-Pentanone
Concen: 101.668 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

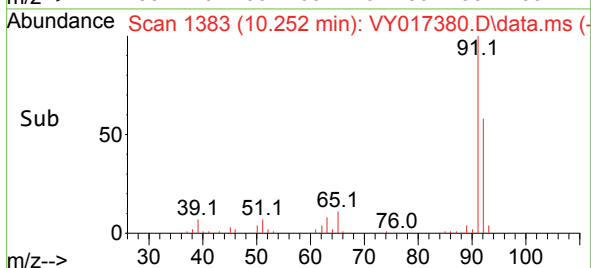
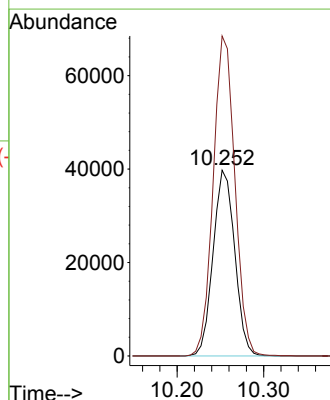
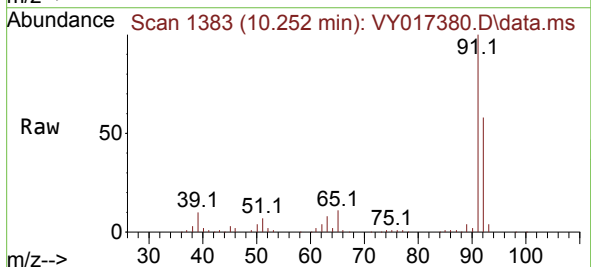
Instrument :
MSVOA_Y
ClientSampleId :

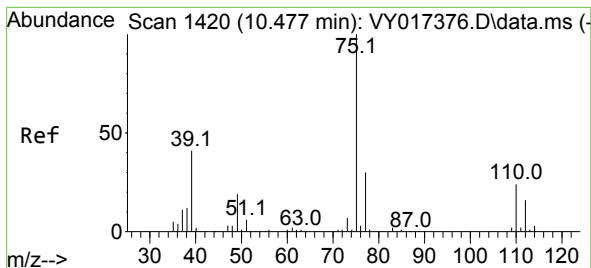
Tgt Ion: 43 Resp: 72095
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2



#52
Toluene
Concen: 22.593 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 92 Resp: 68937
Ion Ratio Lower Upper
92 100
91 172.8 137.6 206.4

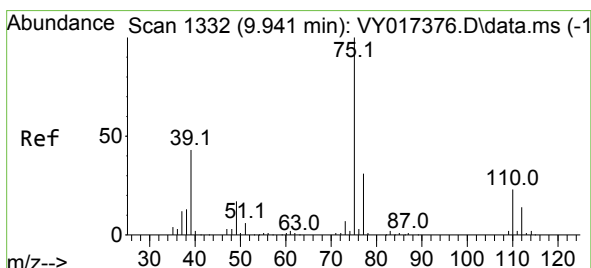
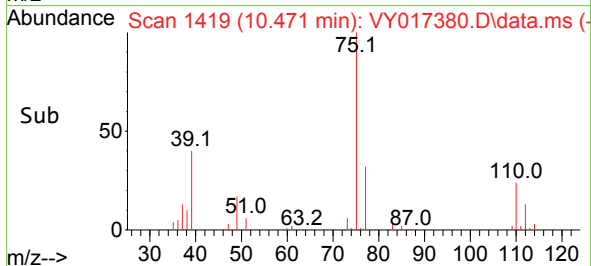
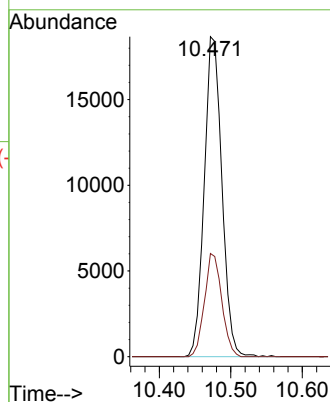
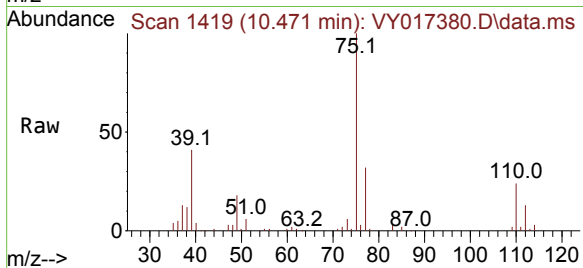




#53
 t-1,3-Dichloropropene
 Concen: 21.465 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017380.D
 Acq: 14 Feb 2024 14:08

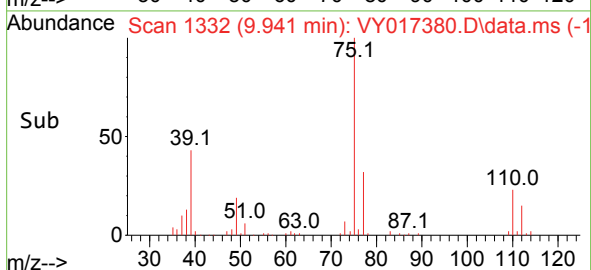
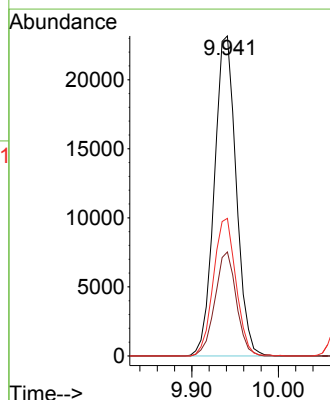
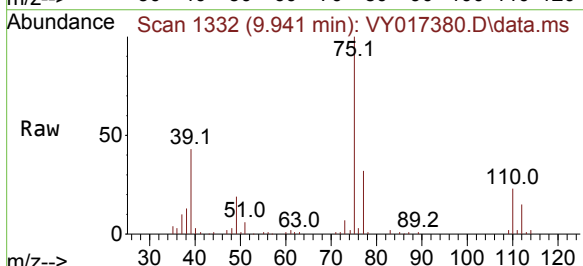
Instrument :
 MSVOA_Y
 ClientSampleId :

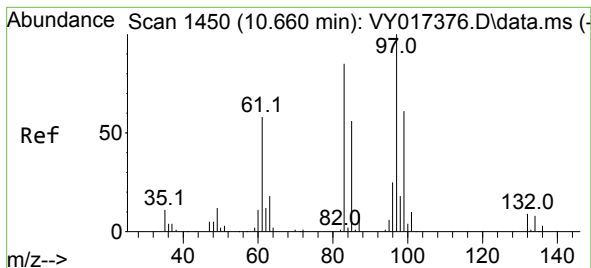
Tgt Ion: 75 Resp: 32072
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.232 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY017380.D
 Acq: 14 Feb 2024 14:08

Tgt Ion: 75 Resp: 40663
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 43.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.424 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 18424

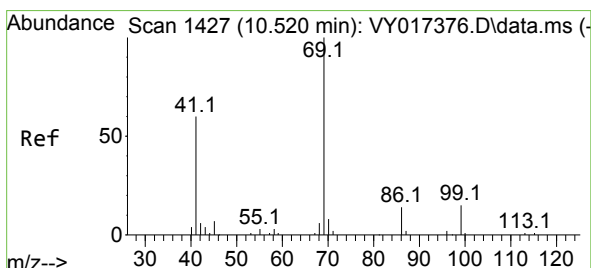
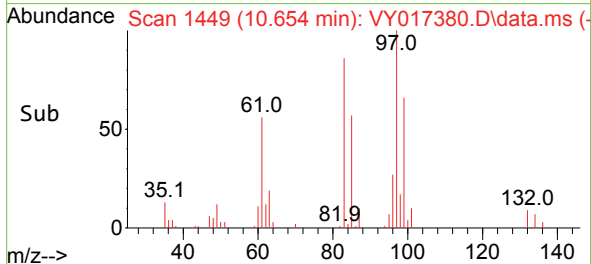
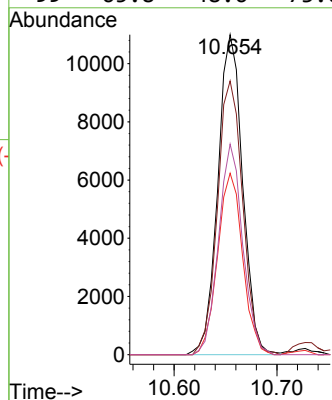
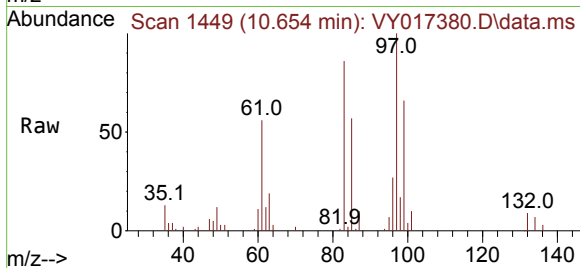
Ion Ratio Lower Upper

97 100

83 85.5 69.4 104.2

85 56.7 43.9 65.9

99 65.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 23.821 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

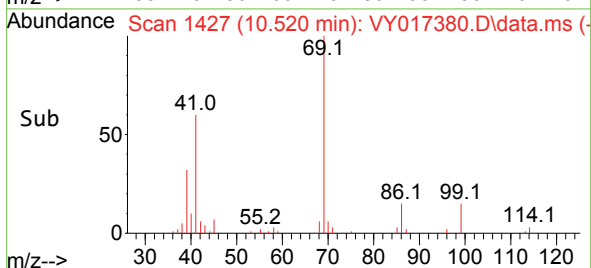
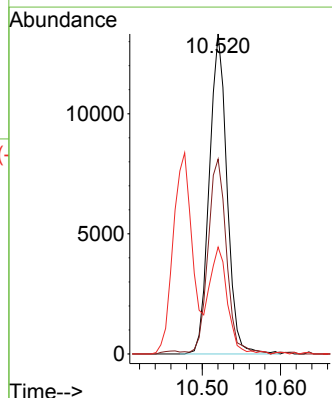
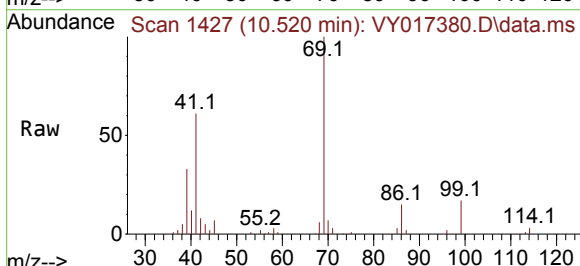
Tgt Ion: 69 Resp: 20880

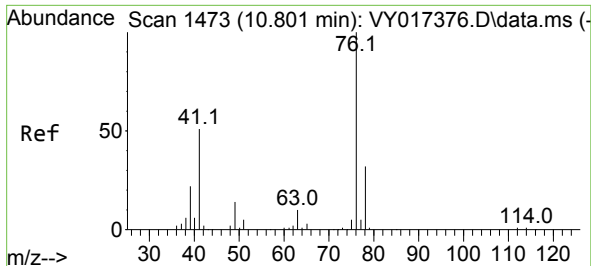
Ion Ratio Lower Upper

69 100

41 63.6 49.2 73.8

39 33.2 26.8 40.2

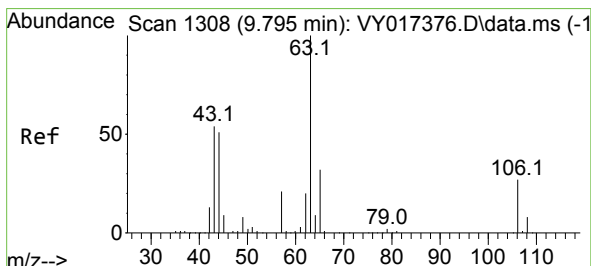
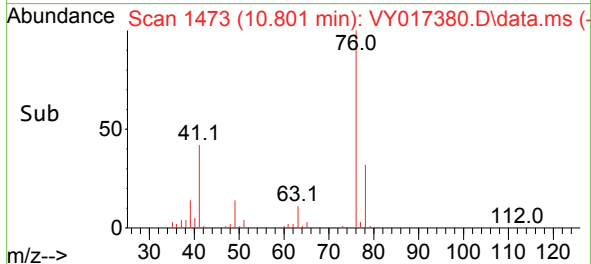
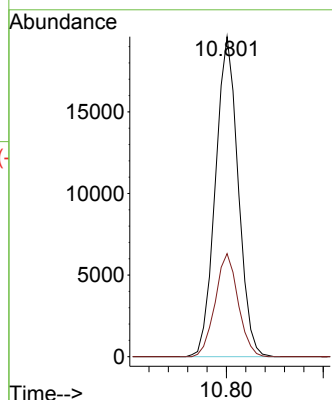
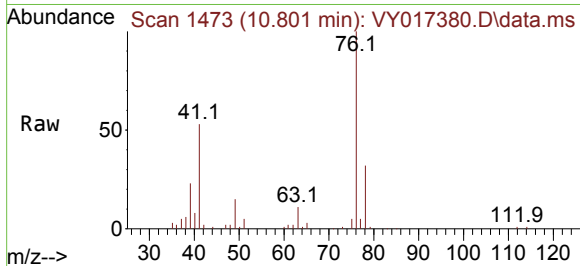




#57
1,3-Dichloropropane
Concen: 21.543 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

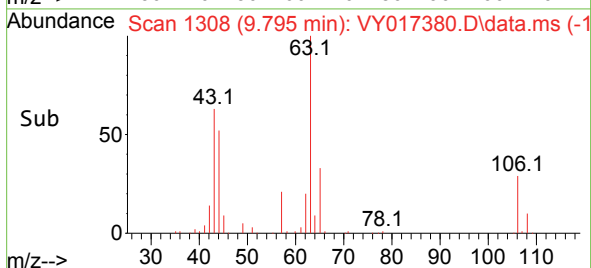
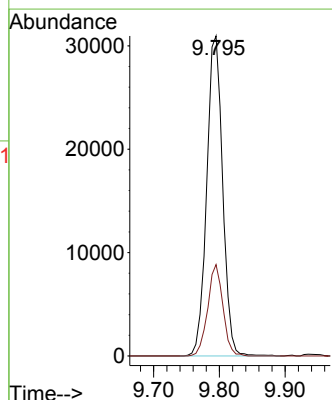
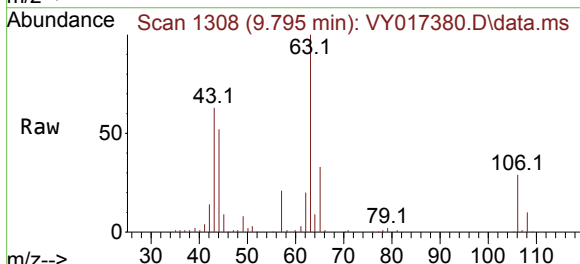
Instrument :
MSVOA_Y
ClientSampleId :

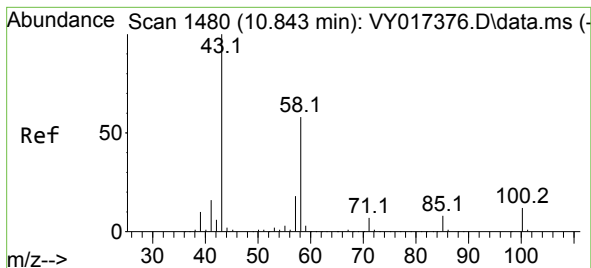
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1



#58
2-Chloroethyl Vinyl ether
Concen: 92.568 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.4	33.6





#59

2-Hexanone

Concen: 106.653 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

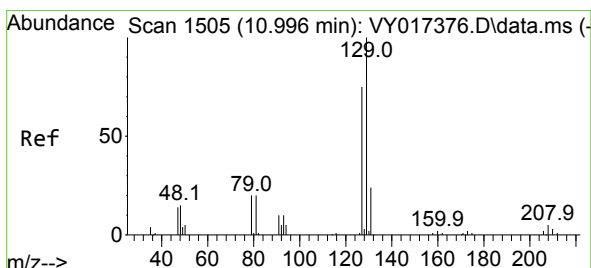
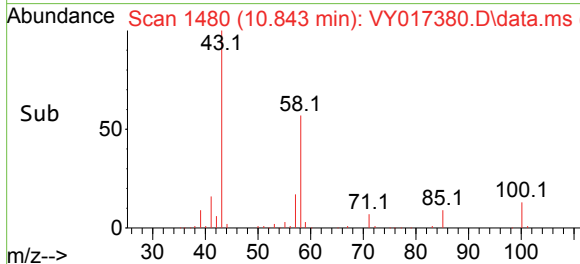
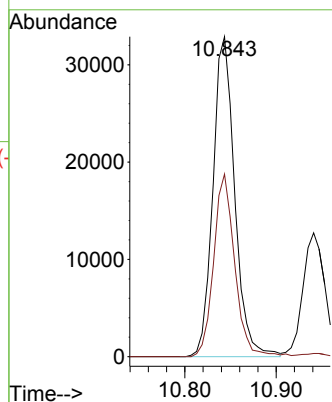
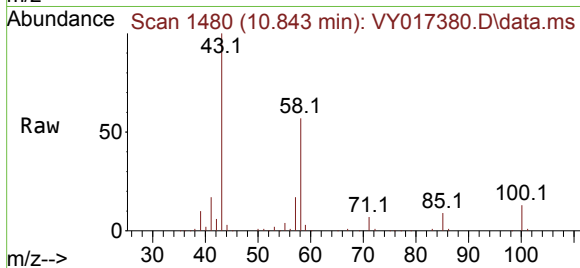
ClientSampleId :

Tgt Ion: 43 Resp: 54349

Ion Ratio Lower Upper

43 100

58 55.3 28.1 84.3



#60

Dibromochloromethane

Concen: 21.212 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.000 min

Lab File: VY017380.D

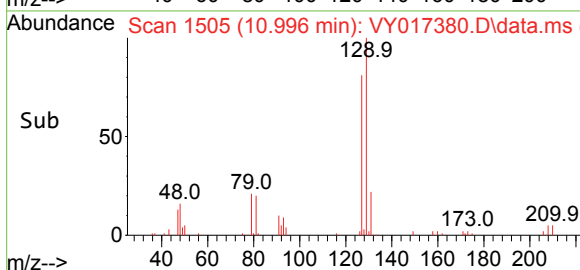
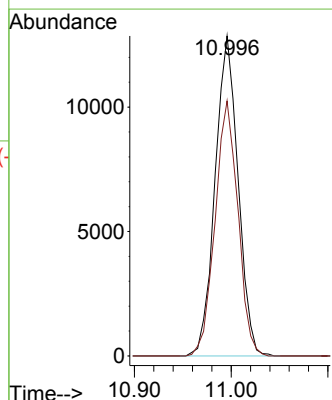
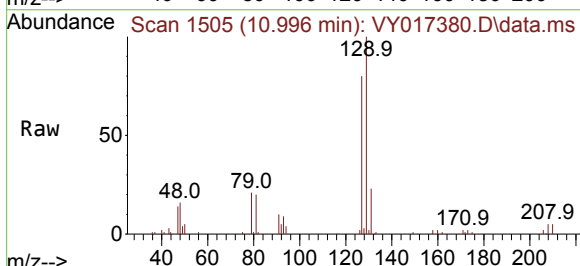
Acq: 14 Feb 2024 14:08

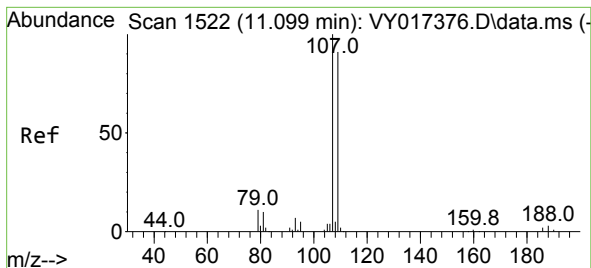
Tgt Ion:129 Resp: 21185

Ion Ratio Lower Upper

129 100

127 79.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.107 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

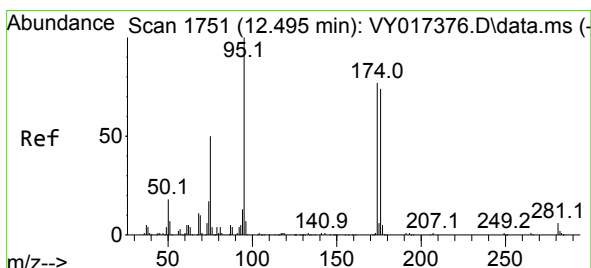
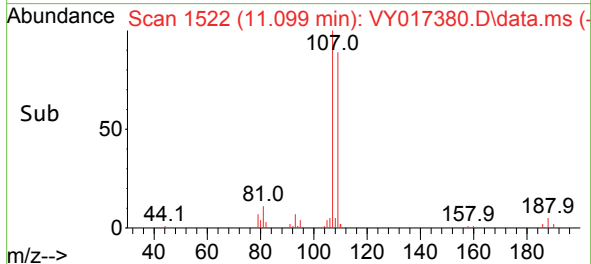
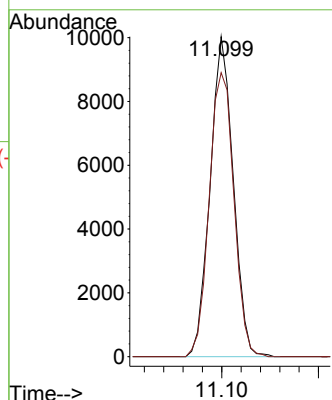
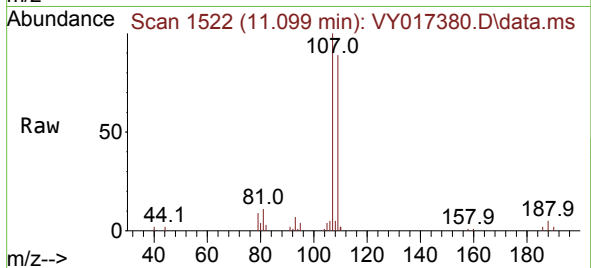
ClientSampleId :

Tgt Ion:107 Resp: 16646

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 21.532 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

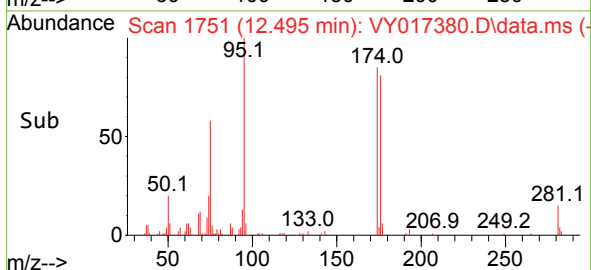
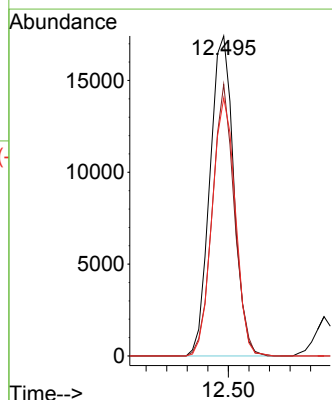
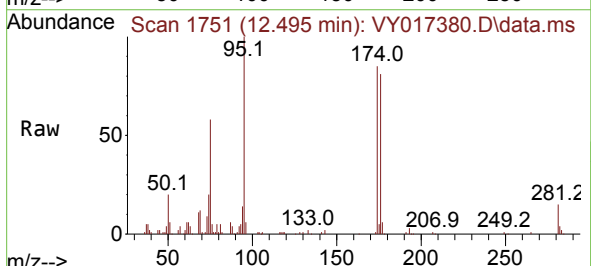
Tgt Ion: 95 Resp: 27996

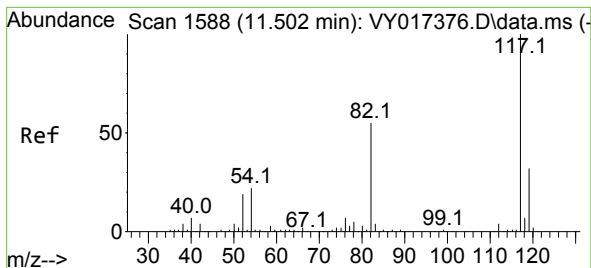
Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.0

176 78.6 0.0 151.8

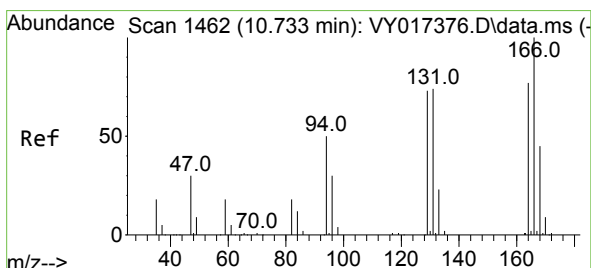
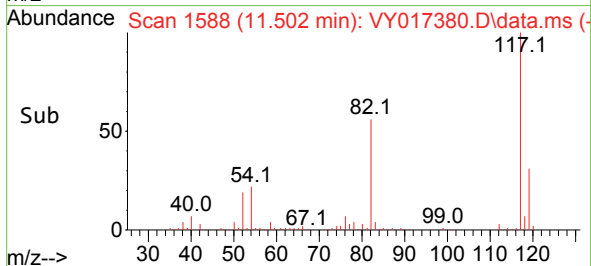
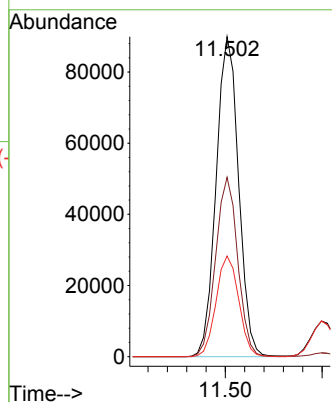
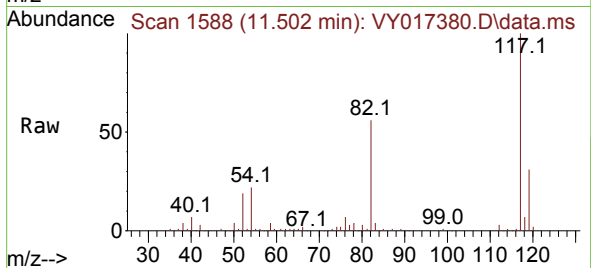




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

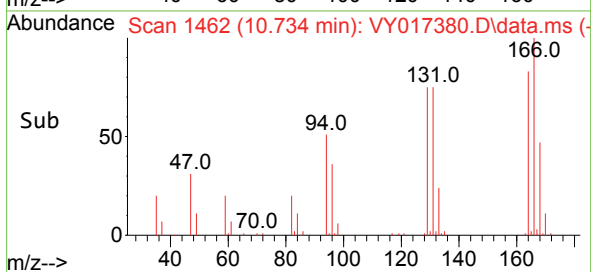
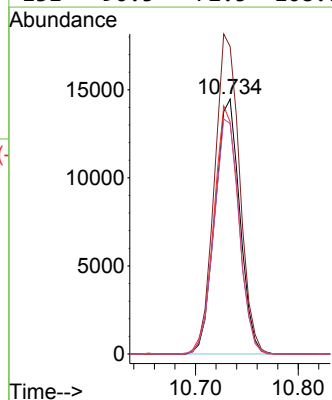
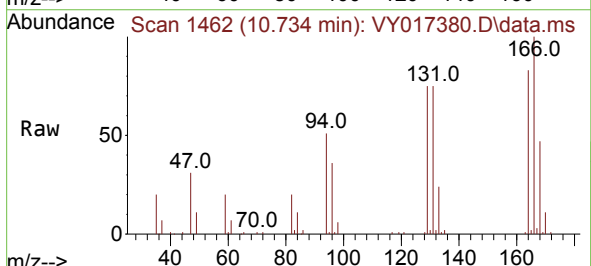
Instrument :
MSVOA_Y
ClientSampleId :

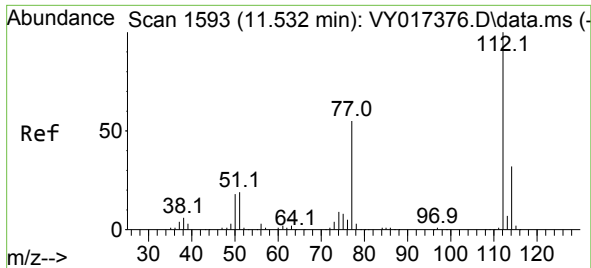
Tgt Ion:117 Resp: 144750
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 22.651 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion:164 Resp: 24241
Ion Ratio Lower Upper
164 100
166 120.8 98.8 148.2
129 91.1 78.9 118.3
131 90.5 72.5 108.7

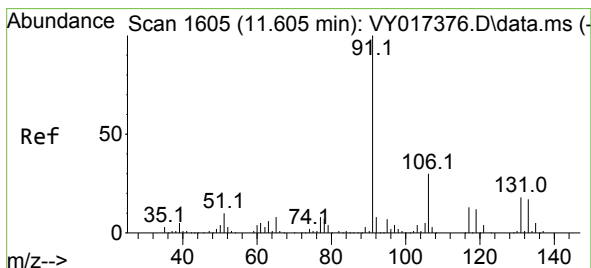
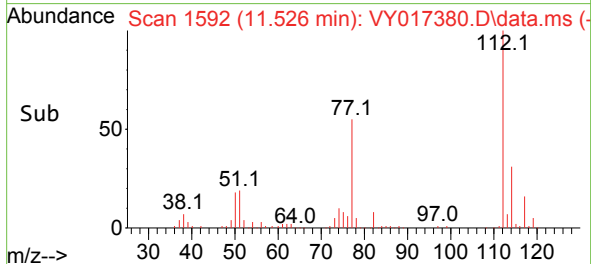
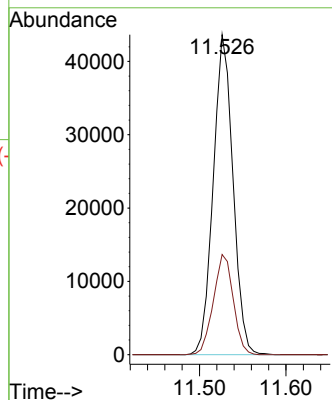
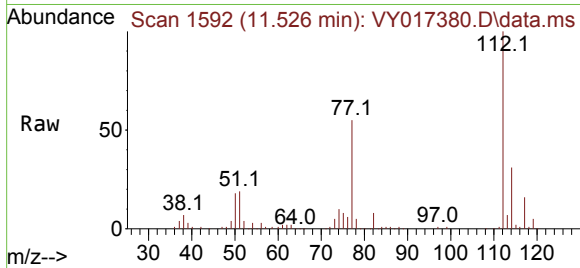




#65
Chlorobenzene
Concen: 22.524 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

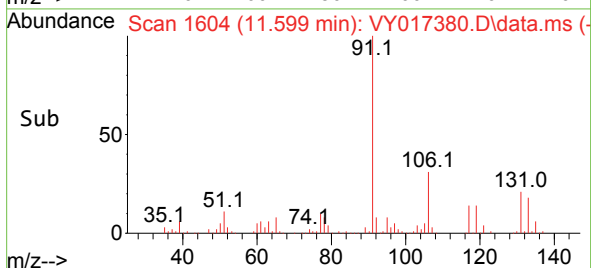
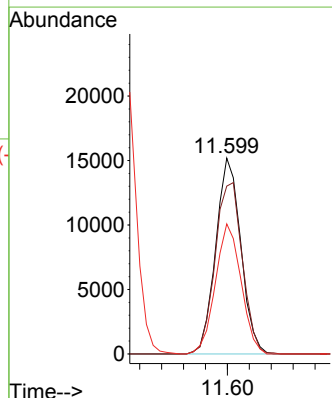
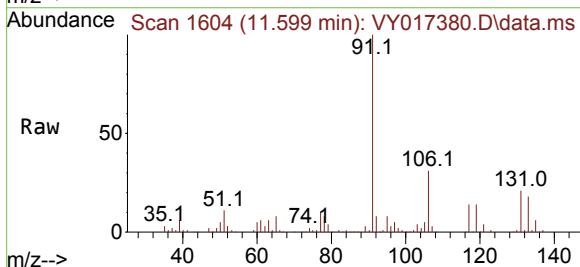
Instrument :
MSVOA_Y
ClientSampleId :

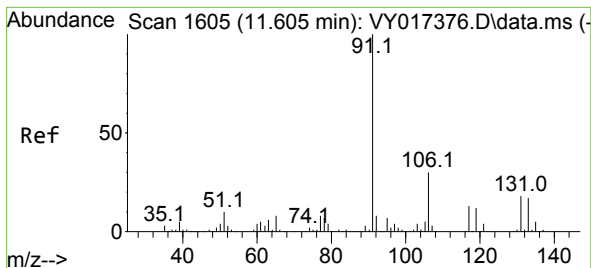
Tgt Ion:112 Resp: 69121
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.896 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion:131 Resp: 24170
Ion Ratio Lower Upper
131 100
133 94.8 47.0 141.0
119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 22.672 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

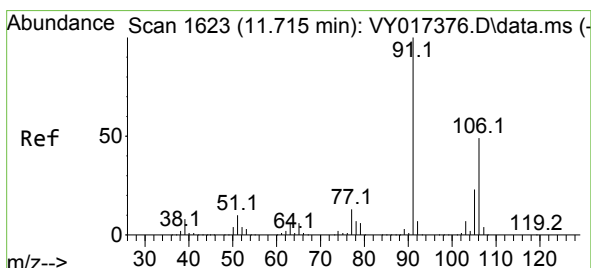
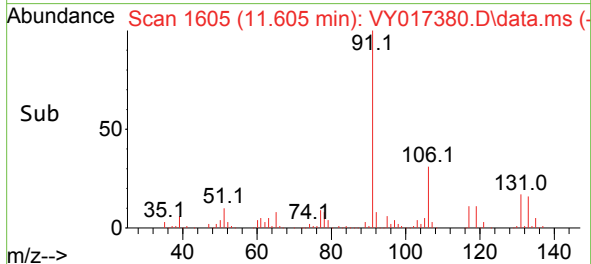
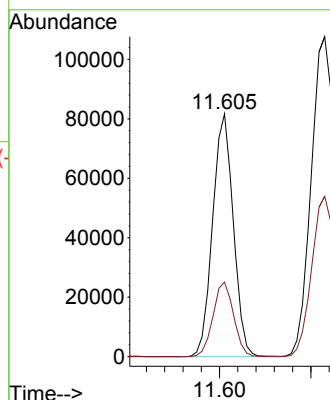
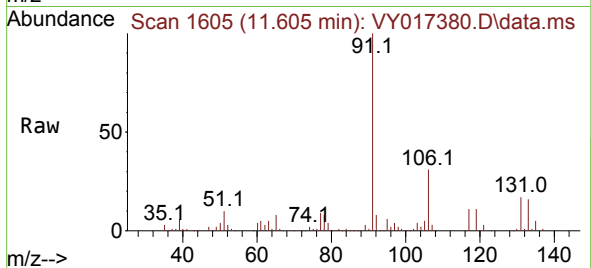
ClientSampleId :

Tgt Ion: 91 Resp: 128154

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 45.881 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.000 min

Lab File: VY017380.D

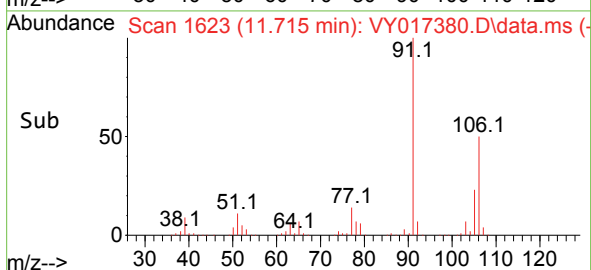
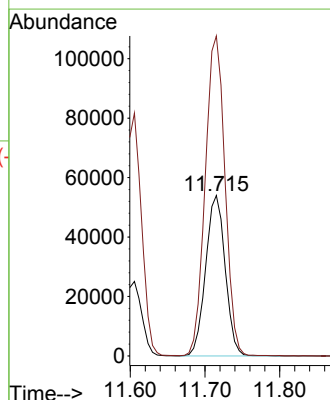
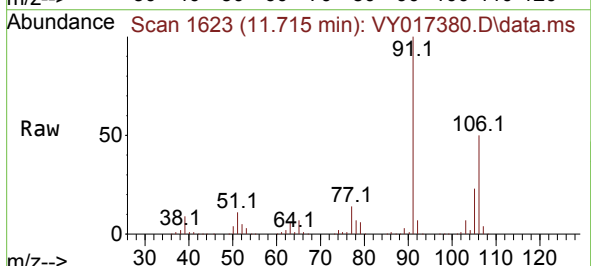
Acq: 14 Feb 2024 14:08

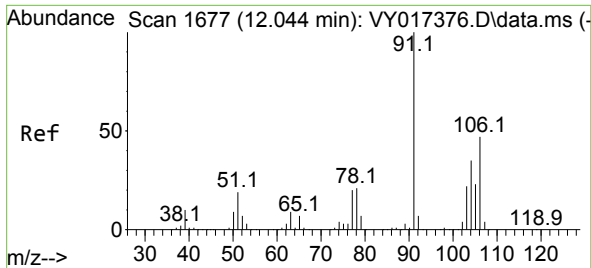
Tgt Ion:106 Resp: 97785

Ion Ratio Lower Upper

106 100

91 201.9 160.7 241.1

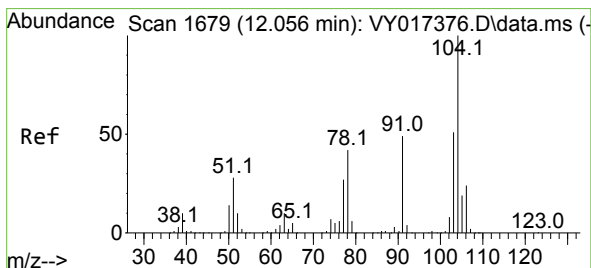
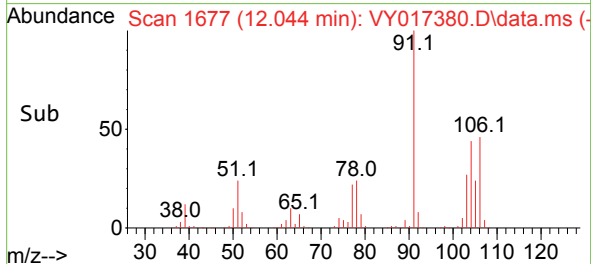
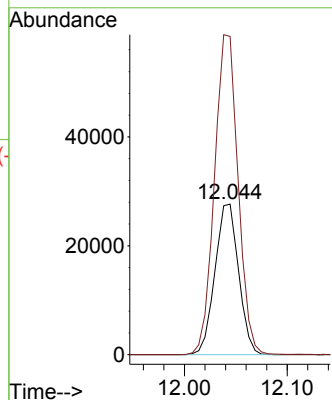
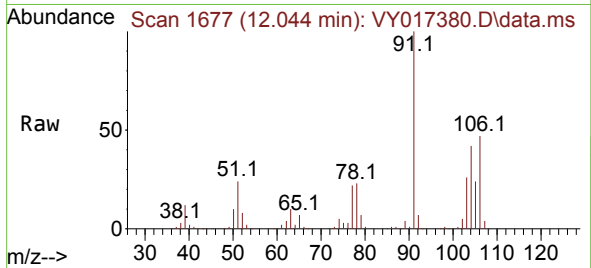




#69
o-Xylene
Concen: 22.902 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

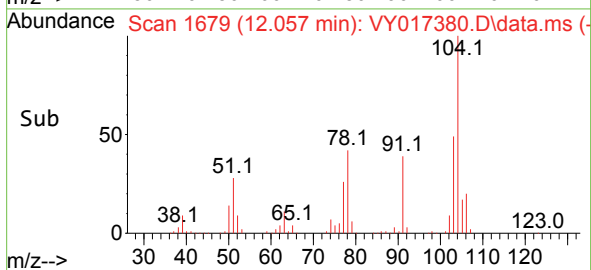
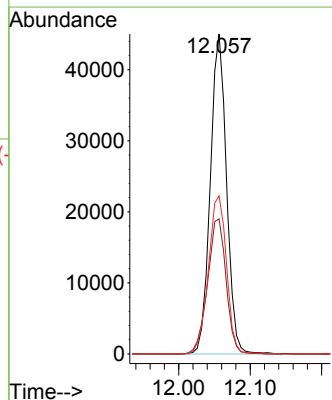
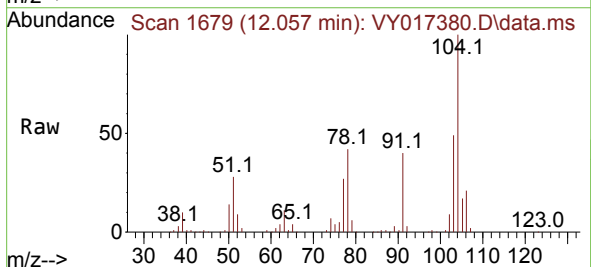
Instrument :
MSVOA_Y
ClientSampleId :

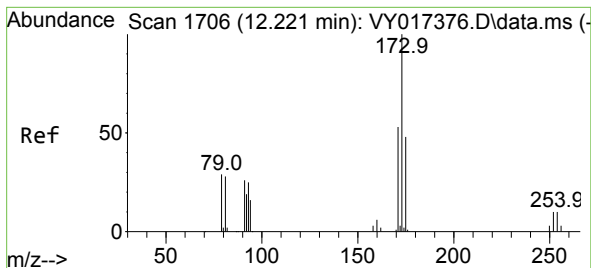
Tgt Ion:106 Resp: 44155
Ion Ratio Lower Upper
106 100
91 212.2 106.5 319.5



#70
Styrene
Concen: 23.987 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion:104 Resp: 70951
Ion Ratio Lower Upper
104 100
78 48.2 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 20.879 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

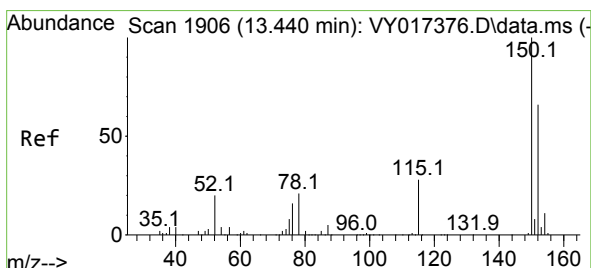
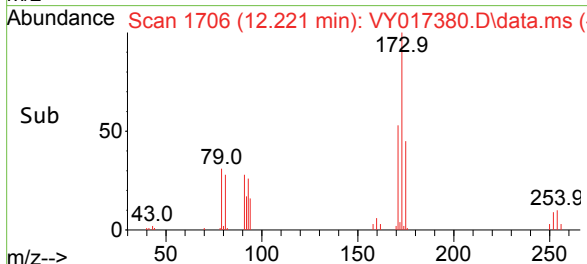
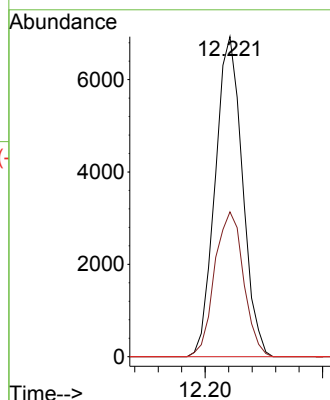
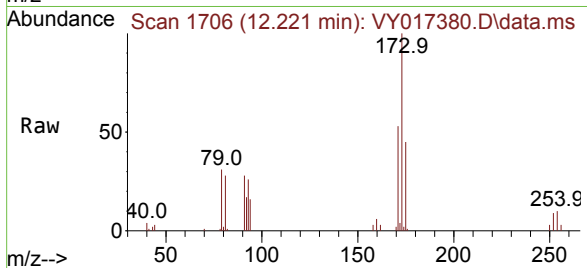
Tgt Ion:173 Resp: 11174

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

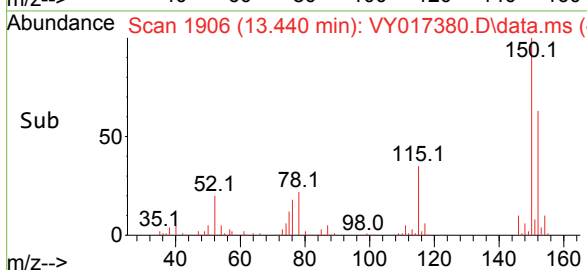
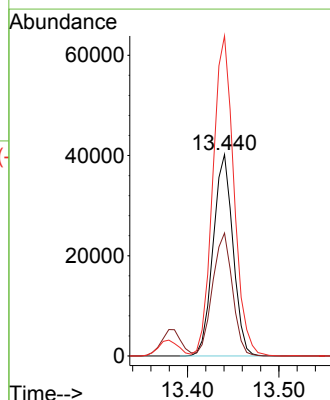
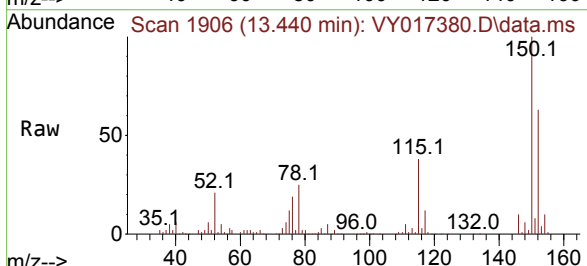
Tgt Ion:152 Resp: 60627

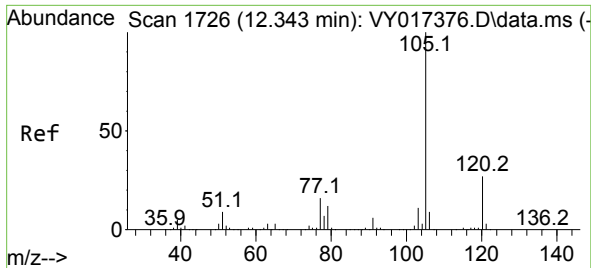
Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 168.3 0.0 344.6

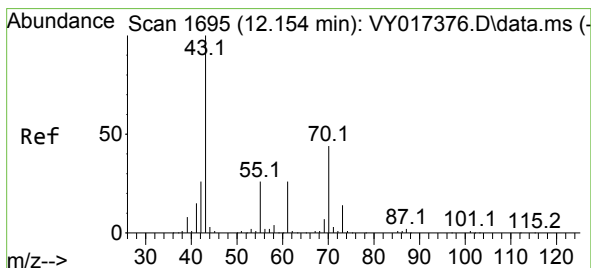
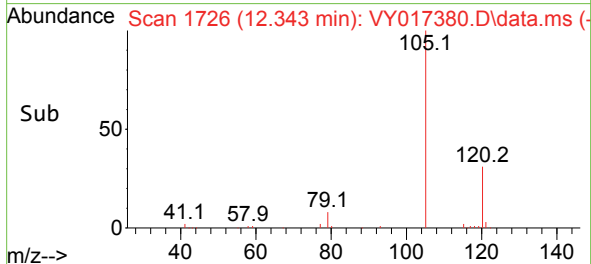
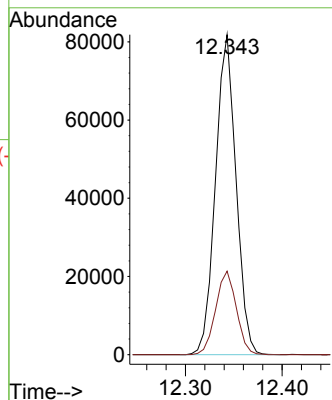
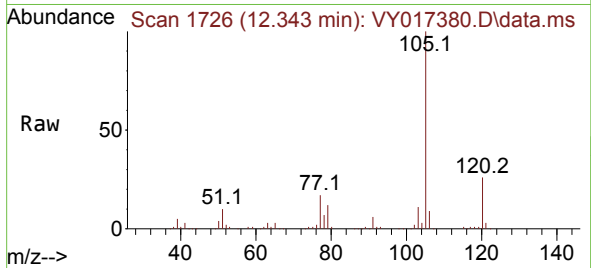




#73
Isopropylbenzene
Concen: 23.870 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

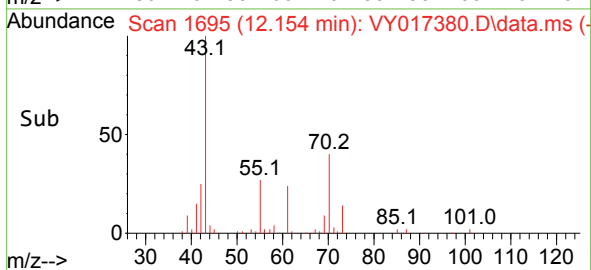
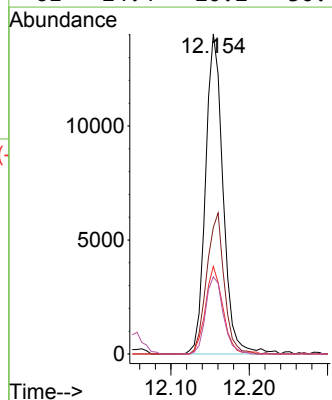
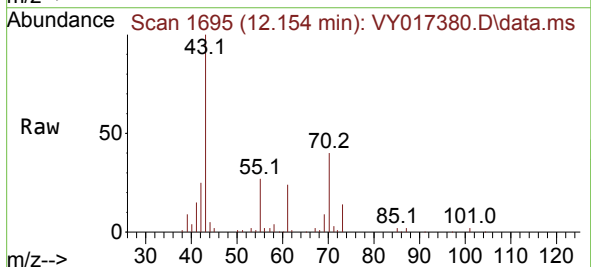
Instrument :
MSVOA_Y
ClientSampleId :

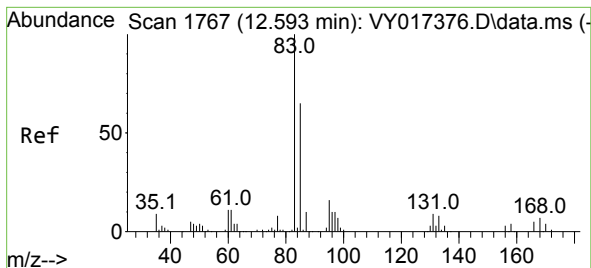
Tgt Ion:105 Resp: 120602
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 21.795 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

Tgt Ion: 43 Resp: 21772
Ion Ratio Lower Upper
43 100
70 43.9 36.6 55.0
55 27.4 22.2 33.4
61 24.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.352 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

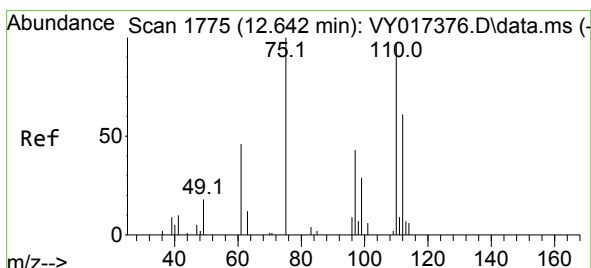
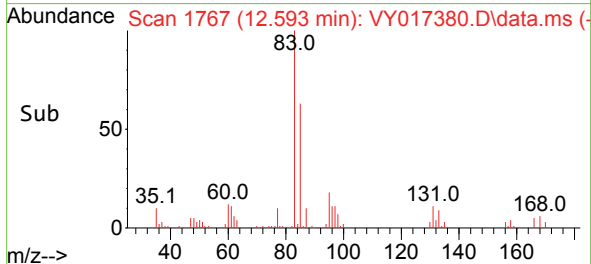
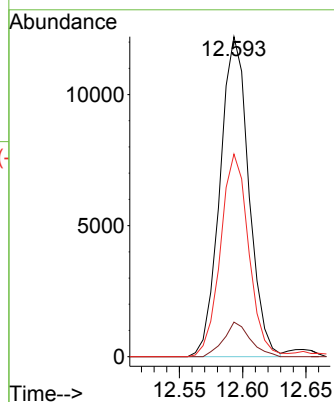
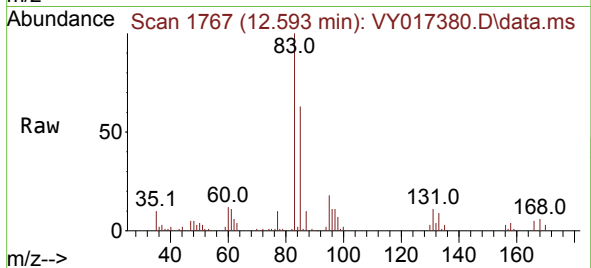
Tgt Ion: 83 Resp: 19333

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 62.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.048 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017380.D

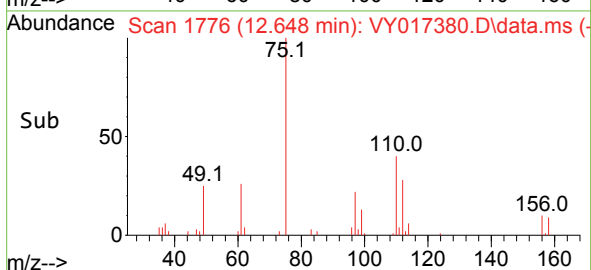
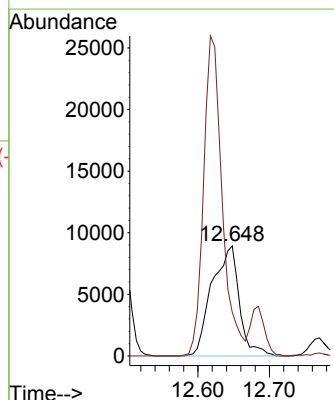
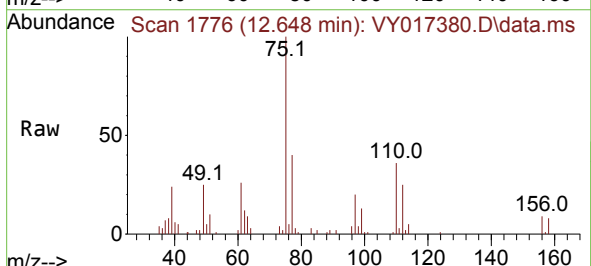
Acq: 14 Feb 2024 14:08

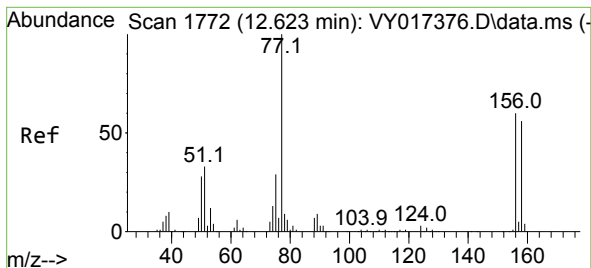
Tgt Ion: 75 Resp: 23799

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.264 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

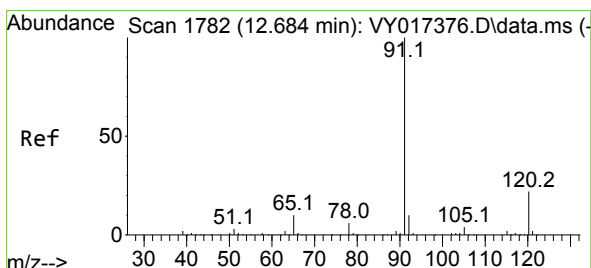
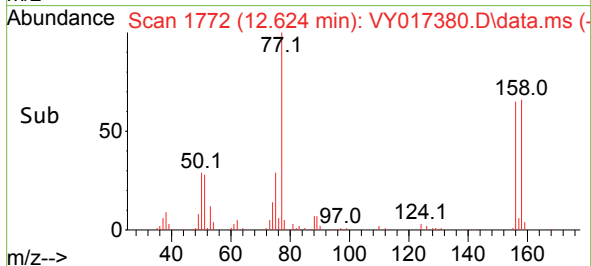
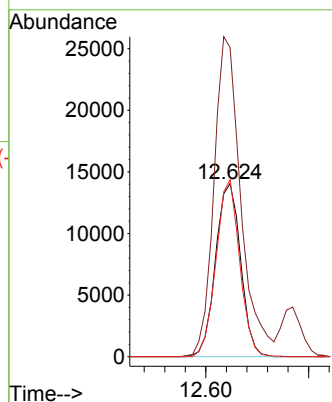
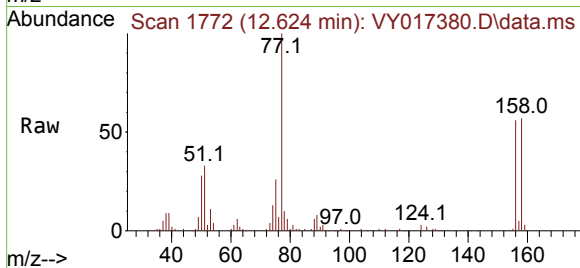
Tgt Ion:156 Resp: 23689

Ion Ratio Lower Upper

156 100

77 198.7 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 23.850 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY017380.D

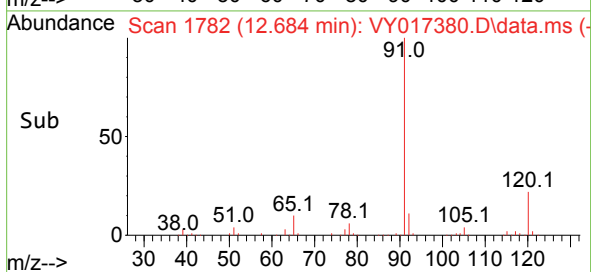
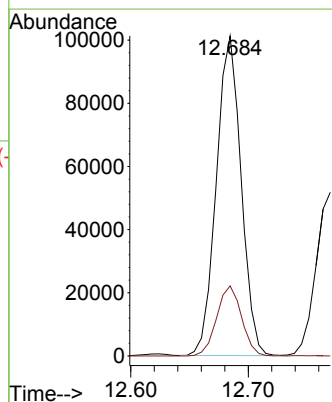
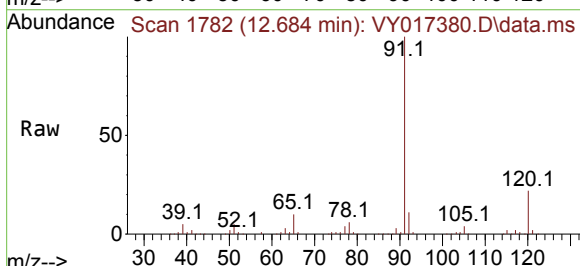
Acq: 14 Feb 2024 14:08

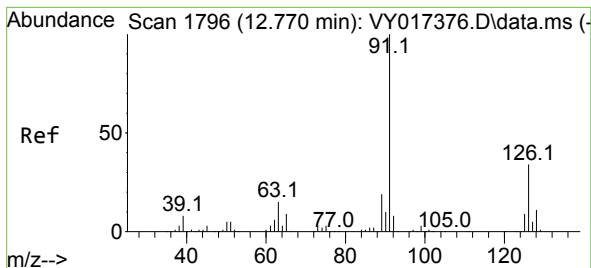
Tgt Ion: 91 Resp: 148348

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 23.716 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

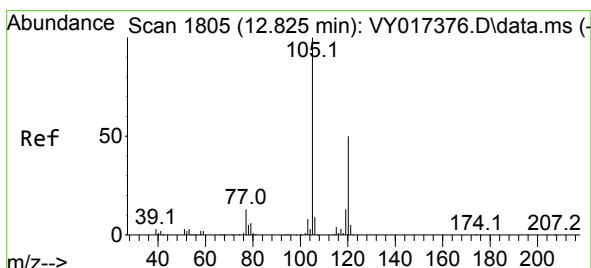
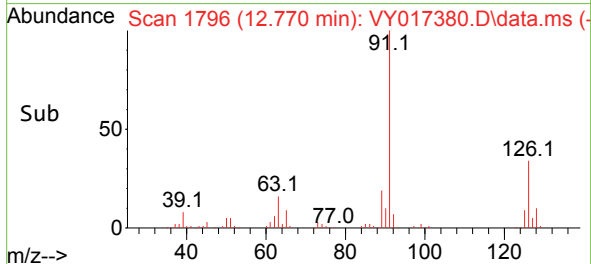
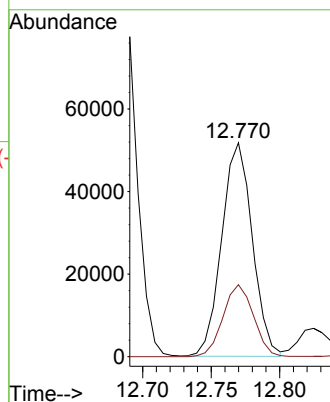
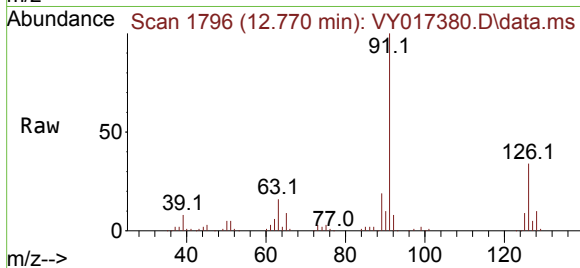
ClientSampleId :

Tgt Ion: 91 Resp: 80498

Ion Ratio Lower Upper

91 100

126 33.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 23.543 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VY017380.D

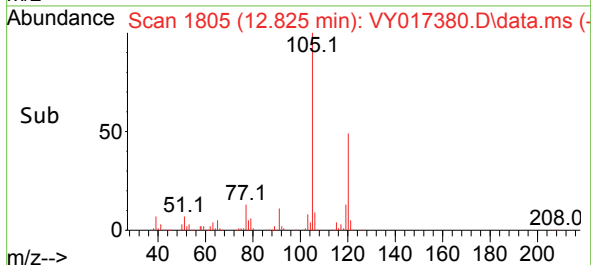
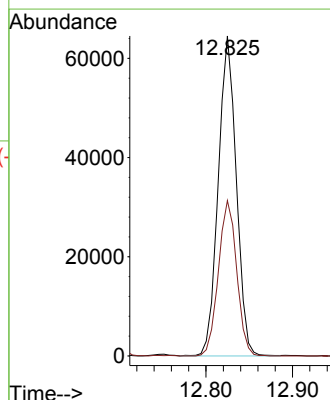
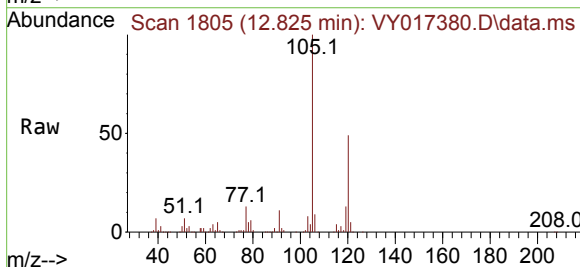
Acq: 14 Feb 2024 14:08

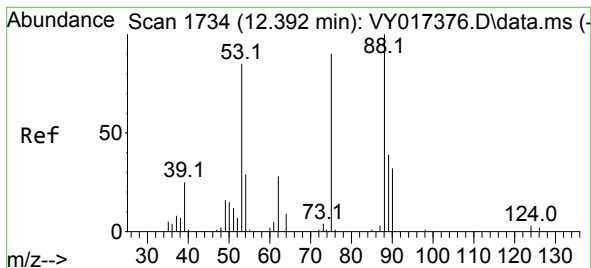
Tgt Ion: 105 Resp: 93480

Ion Ratio Lower Upper

105 100

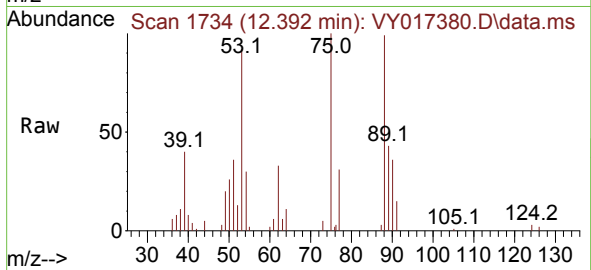
120 49.2 24.3 72.8



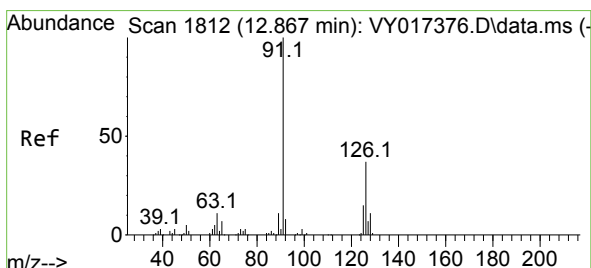
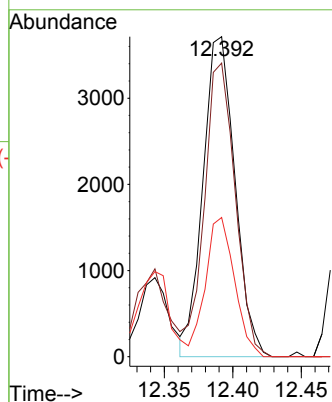
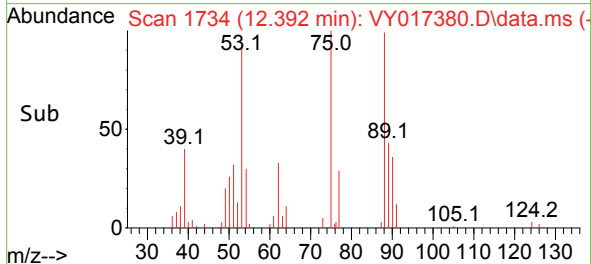


#81
trans-1,4-Dichloro-2-butene
Concen: 22.011 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08

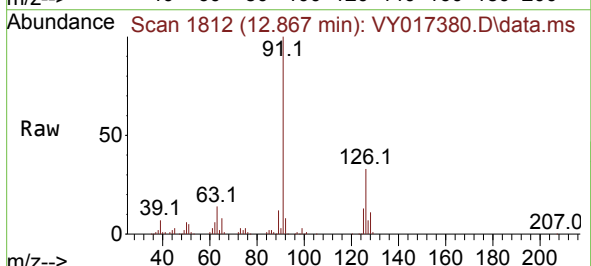
Instrument :
MSVOA_Y
ClientSampleId :



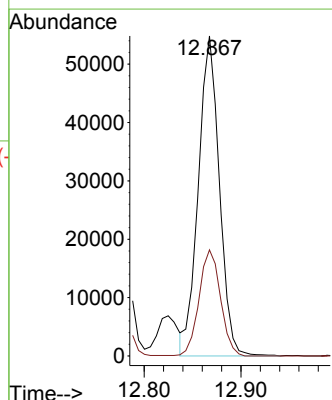
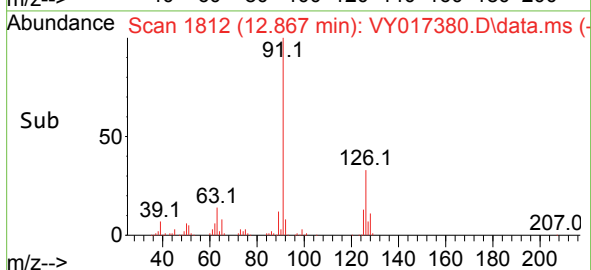
Tgt Ion: 75 Resp: 6023
Ion Ratio Lower Upper
75 100
53 88.6 74.0 111.0
89 39.4 36.5 54.7

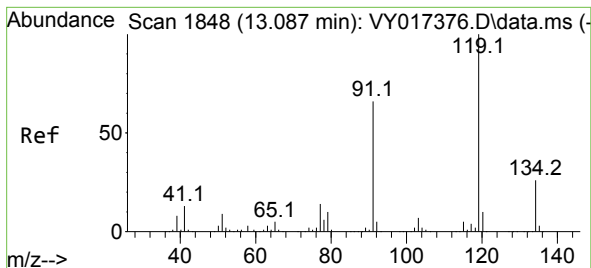


#82
4-Chlorotoluene
Concen: 23.738 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY017380.D
Acq: 14 Feb 2024 14:08



Tgt Ion: 91 Resp: 82945
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 23.627 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

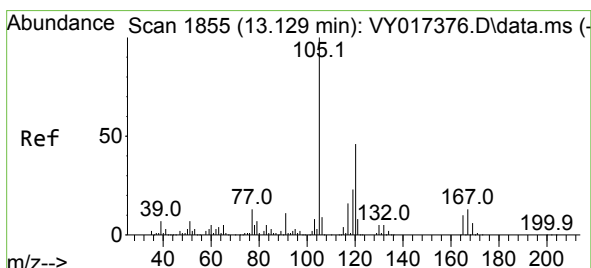
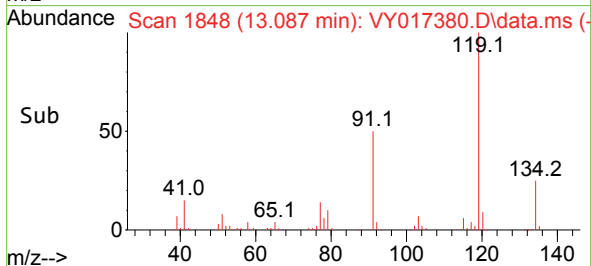
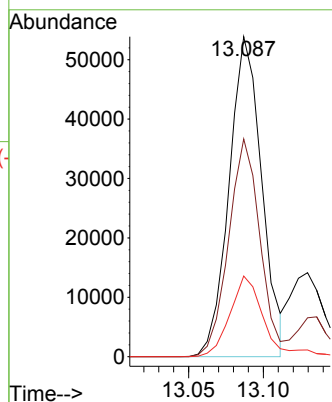
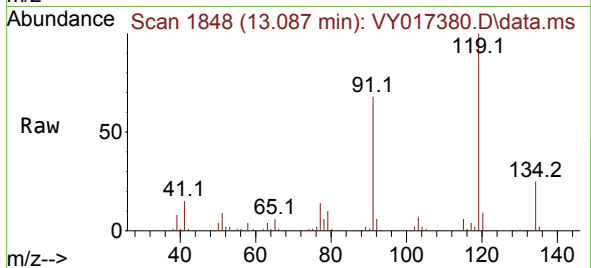
Tgt Ion:119 Resp: 81932

Ion Ratio Lower Upper

119 100

91 65.0 31.5 94.5

134 26.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 23.454 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017380.D

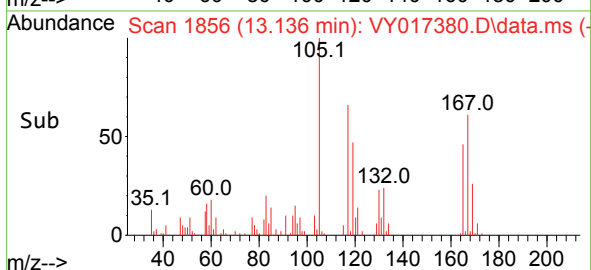
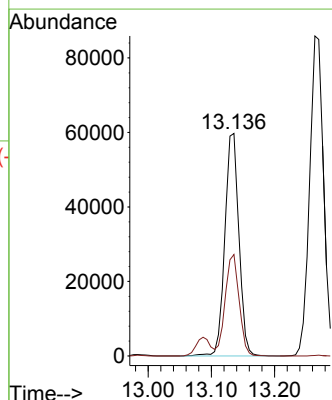
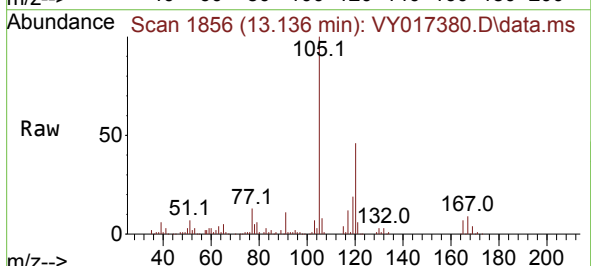
Acq: 14 Feb 2024 14:08

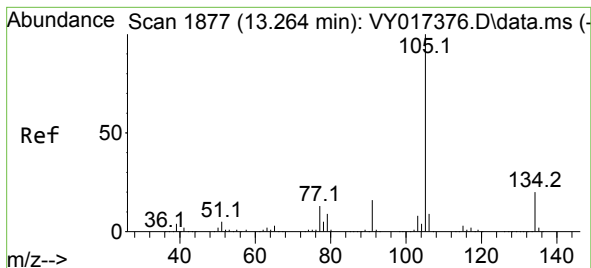
Tgt Ion:105 Resp: 91934

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 24.656 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

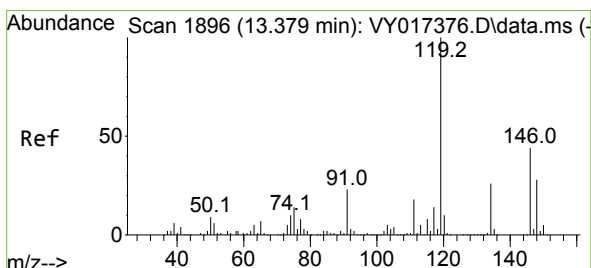
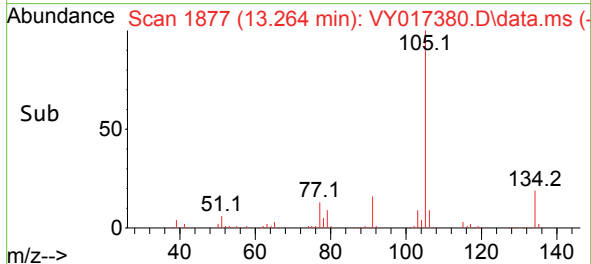
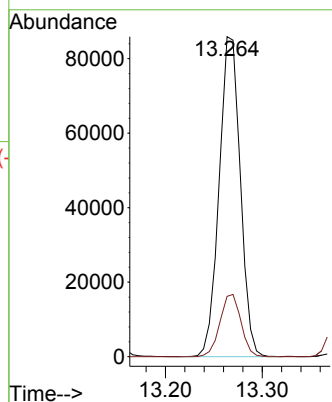
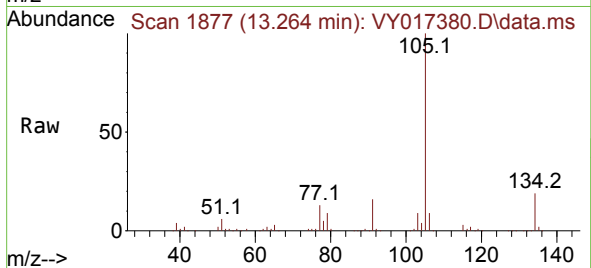
ClientSampleId :

Tgt Ion:105 Resp: 130459

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 23.717 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

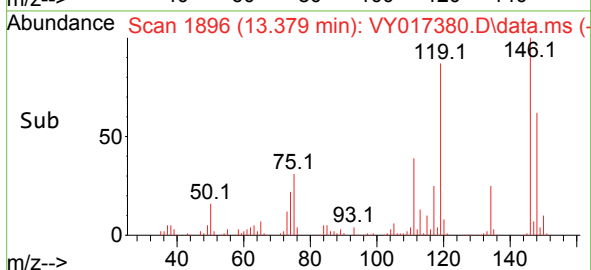
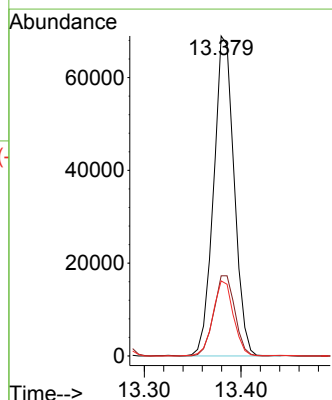
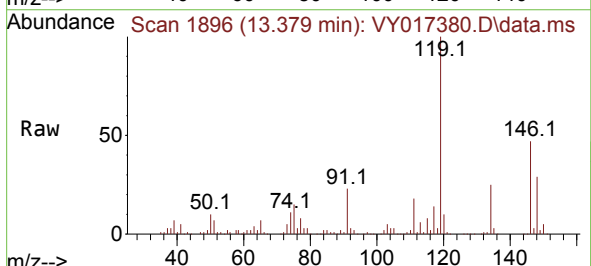
Tgt Ion:119 Resp: 101550

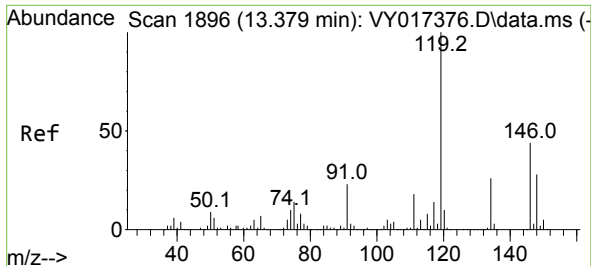
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.530 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

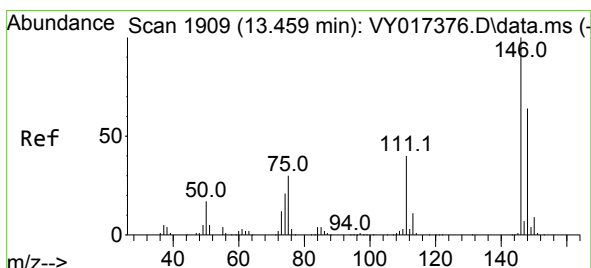
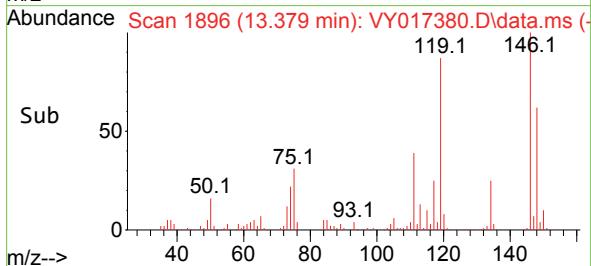
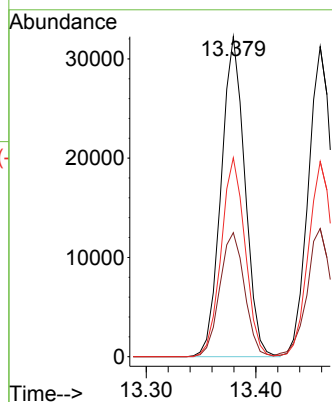
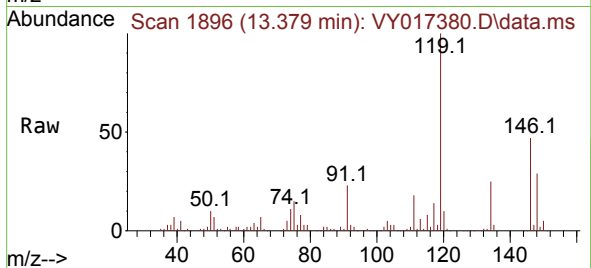
Tgt Ion:146 Resp: 48516

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 62.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.865 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

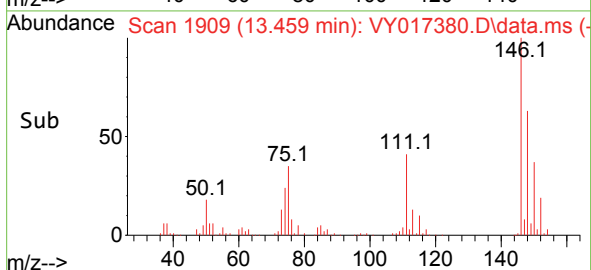
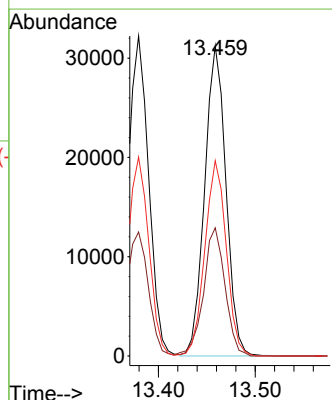
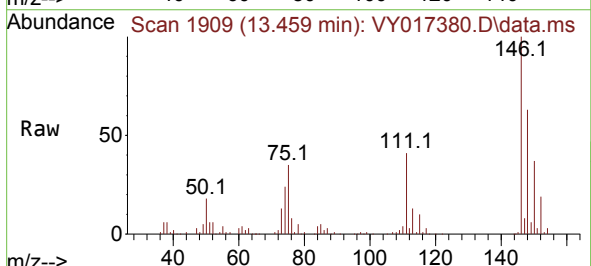
Tgt Ion:146 Resp: 47896

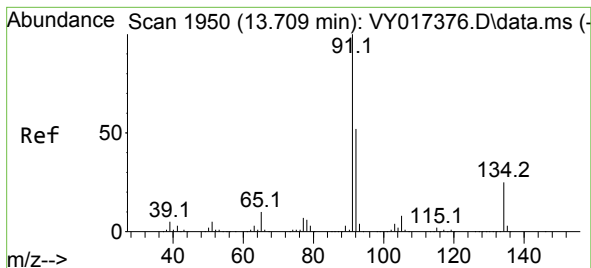
Ion Ratio Lower Upper

146 100

111 41.8 19.3 57.9

148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 23.756 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY017380.D

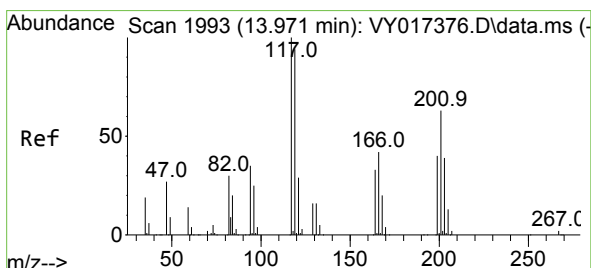
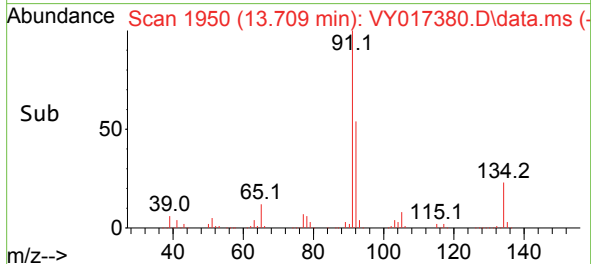
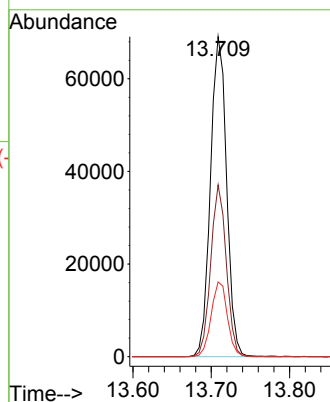
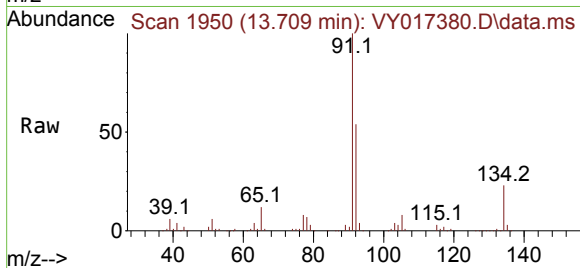
Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 98802
Ion Ratio	Lower Upper
91	100
92	51.7 26.4 79.2
134	23.5 12.3 36.8



#90

Hexachloroethane

Concen: 23.623 ug/l

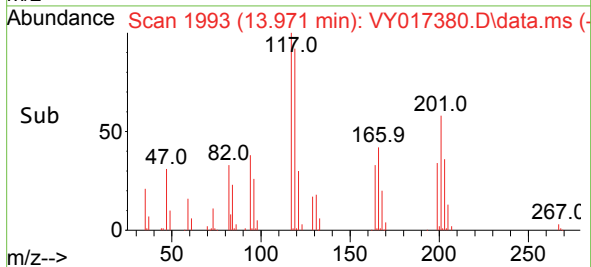
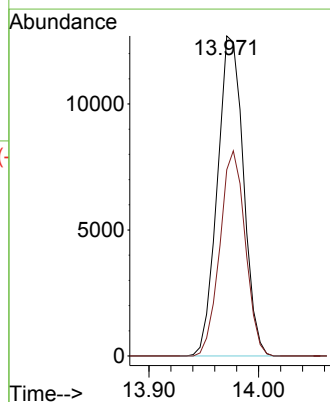
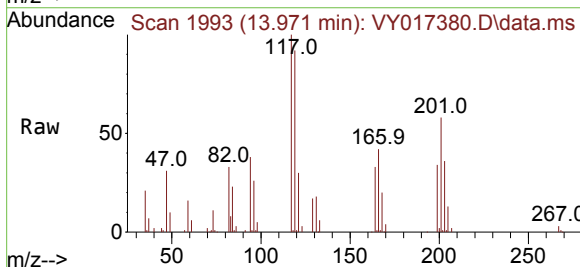
RT: 13.971 min Scan# 1993

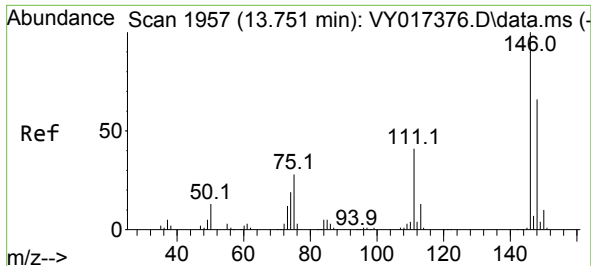
Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Tgt Ion: 117	Resp: 20965
Ion Ratio	Lower Upper
117	100
201	62.5 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 22.703 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

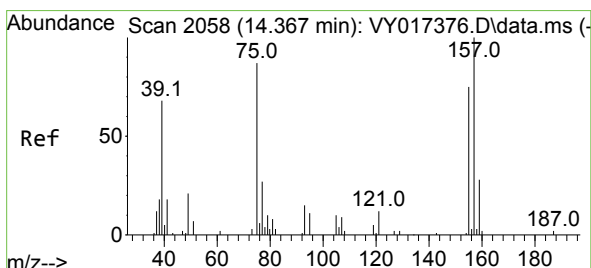
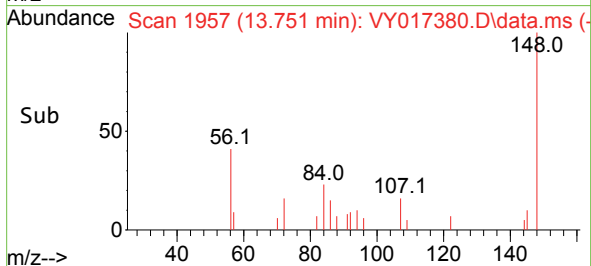
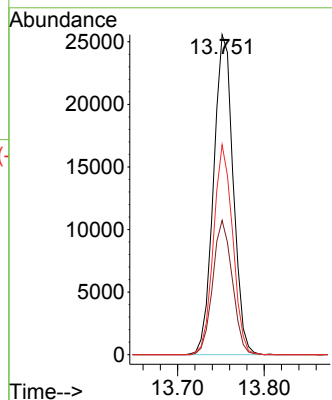
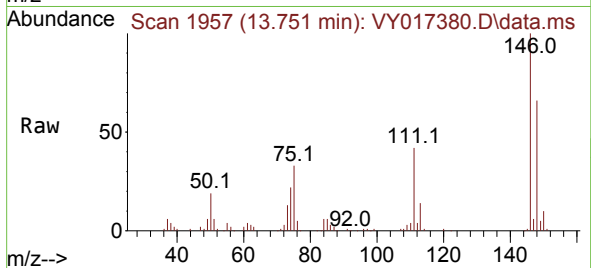
Tgt Ion:146 Resp: 40290

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 64.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.316 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

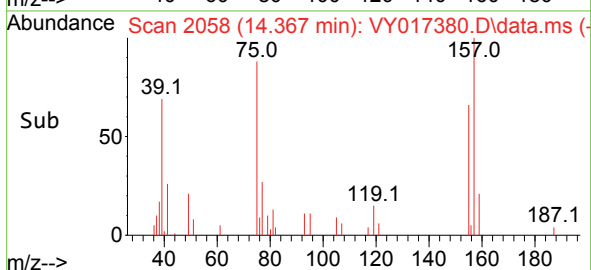
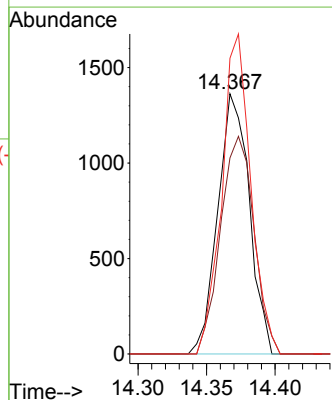
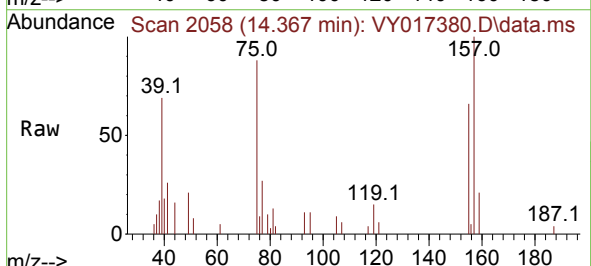
Tgt Ion: 75 Resp: 2172

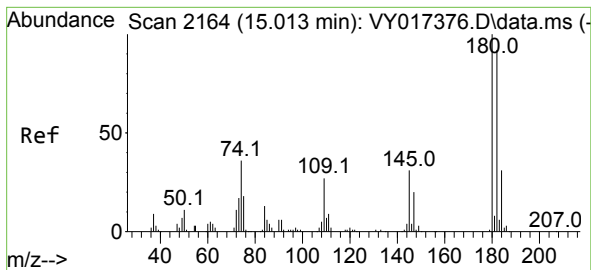
Ion Ratio Lower Upper

75 100

155 89.2 42.1 126.3

157 113.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.568 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.012 min

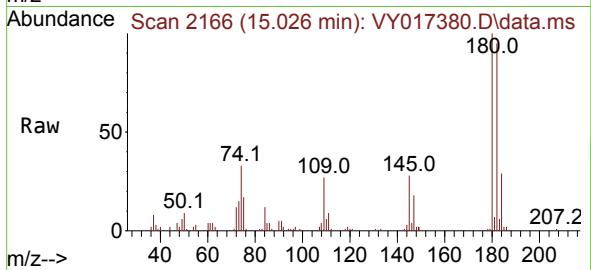
Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :



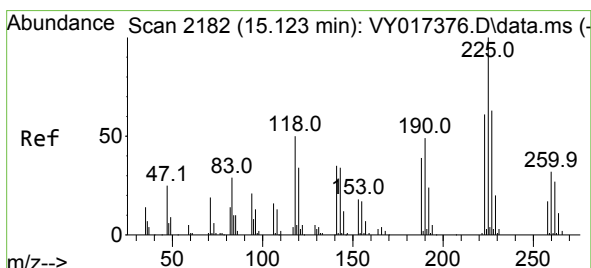
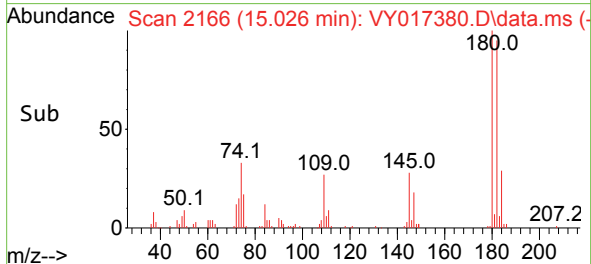
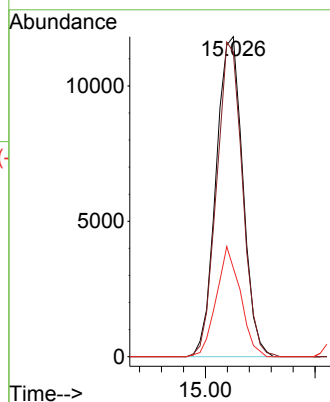
Tgt Ion:180 Resp: 19982

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 31.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 23.450 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

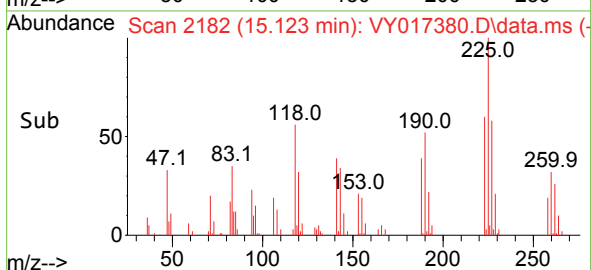
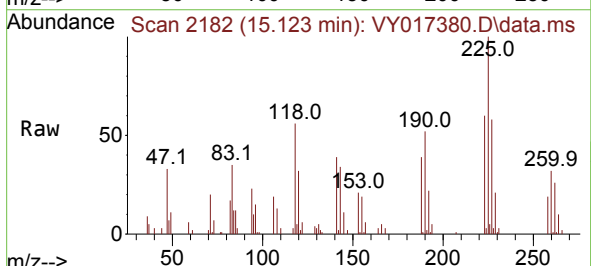
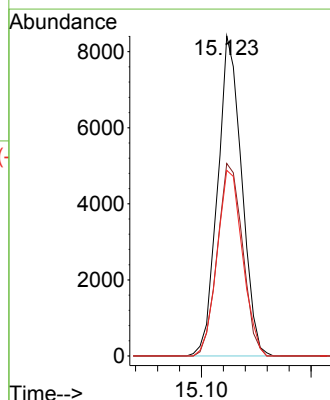
Tgt Ion:225 Resp: 12815

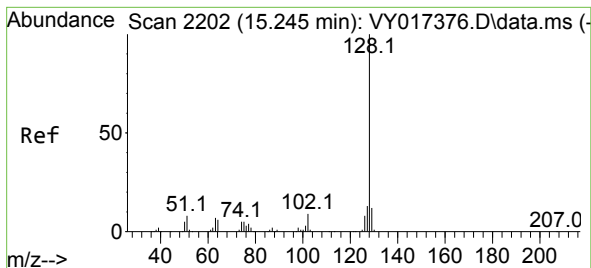
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.3

227 61.4 32.3 96.8





#95

Naphthalene

Concen: 20.008 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017380.D

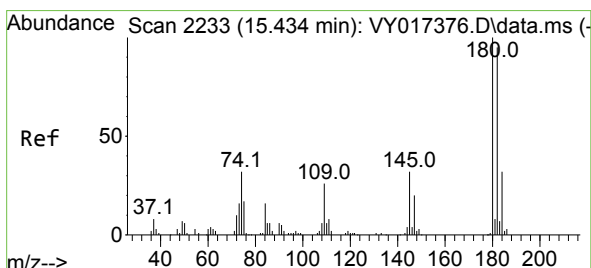
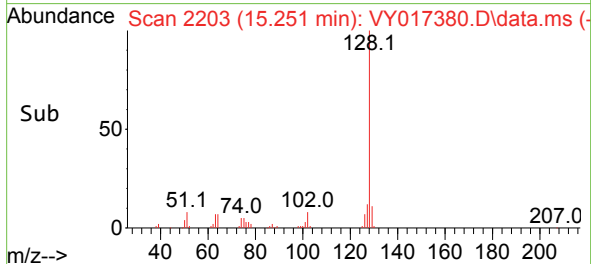
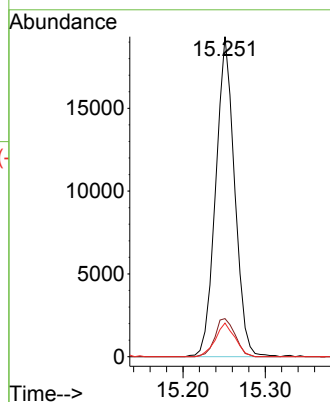
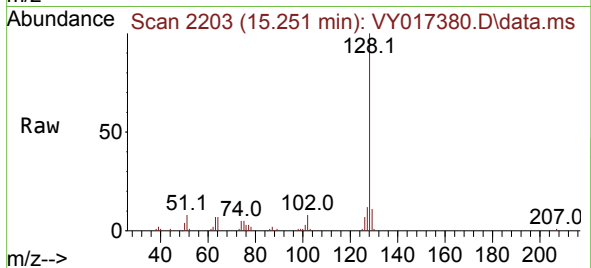
Acq: 14 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	30828
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	10.9	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.472 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017380.D

Acq: 14 Feb 2024 14:08

Tgt Ion:180	Resp:	15950
Ion Ratio	Lower	Upper
180	100	
182	96.1	46.3 138.8
145	34.9	16.1 48.2

