

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012984.D
 Acq On : 17 Mar 2023 13:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:43:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	109168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77453	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.137	65	48384	44.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.280%
35) Dibromofluoromethane	7.716	113	48843	47.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.960%
50) Toluene-d8	10.179	98	159565	42.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.760%
62) 4-Bromofluorobenzene	12.483	95	59886	47.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	54239	50.407	ug/l	99
3) Chloromethane	2.113	50	60854	47.307	ug/l	100
4) Vinyl Chloride	2.253	62	51307	43.495	ug/l	98
5) Bromomethane	2.650	94	34776	48.519	ug/l	92
6) Chloroethane	2.790	64	33003	46.717	ug/l	99
7) Trichlorofluoromethane	3.125	101	89772	45.822	ug/l	100
8) Diethyl Ether	3.528	74	34123	49.702	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	55975	47.488	ug/l	99
10) Methyl Iodide	4.088	142	78285	50.973	ug/l	98
11) Tert butyl alcohol	4.948	59	30886	247.585	ug/l	100
12) 1,1-Dichloroethene	3.869	96	56090	49.894	ug/l	97
13) Acrolein	3.723	56	35960	189.365	ug/l	99
14) Allyl chloride	4.479	41	106318	51.198	ug/l	98
15) Acrylonitrile	5.155	53	90868	251.191	ug/l	100
16) Acetone	3.942	43	123600	290.524	ug/l	98
17) Carbon Disulfide	4.192	76	188535	49.270	ug/l	99
18) Methyl Acetate	4.473	43	64025	50.535	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	150626	51.873	ug/l	99
20) Methylene Chloride	4.710	84	71918	56.047	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	61822	50.605	ug/l	96
22) Diisopropyl ether	6.119	45	195634	51.869	ug/l	98
23) Vinyl Acetate	6.058	43	623514	266.060	ug/l	100
24) 1,1-Dichloroethane	6.015	63	109600	50.995	ug/l	99
25) 2-Butanone	6.978	43	143826	272.946	ug/l	96
26) 2,2-Dichloropropane	6.978	77	95494	50.027	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	67057	51.198	ug/l	98
28) Bromochloromethane	7.332	49	40175	51.151	ug/l	99
29) Tetrahydrofuran	7.344	42	83084	261.428	ug/l	99
30) Chloroform	7.503	83	108856	51.277	ug/l	99
31) Cyclohexane	7.783	56	96907	46.683	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	95575	49.783	ug/l	98
36) 1,1-Dichloropropene	7.917	75	84471	49.515	ug/l	100
37) Ethyl Acetate	7.070	43	54399	50.593	ug/l	99
38) Carbon Tetrachloride	7.893	117	87753	49.812	ug/l	98
39) Methylcyclohexane	9.179	83	100165	49.387	ug/l	96
40) Benzene	8.161	78	242865	50.328	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	76499	132.052	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	74132	51.096	ug/l	100
43) Isopropyl Acetate	8.271	43	99299	51.763	ug/l	99
44) Trichloroethene	8.935	130	62978	49.499	ug/l	91
45) 1,2-Dichloropropane	9.210	63	61740	50.624	ug/l	96
46) Dibromomethane	9.301	93	35525	51.130	ug/l	100
47) Bromodichloromethane	9.496	83	82798	50.570	ug/l	99
48) Methyl methacrylate	9.289	41	47933	54.227	ug/l	98
49) 1,4-Dioxane	9.295	88	9814	1092.635	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	274868	264.148	ug/l	100
52) Toluene	10.246	92	149594	51.402	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	88762	51.685	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	99580	51.228	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	47726	49.324	ug/l	99
56) Ethyl methacrylate	10.508	69	68391	53.008	ug/l	99
57) 1,3-Dichloropropane	10.789	76	83478	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	188780	278.724	ug/l	99
59) 2-Hexanone	10.831	43	206622	273.209	ug/l	99
60) Dibromochloromethane	10.984	129	58515	49.680	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46822	50.234	ug/l	100
64) Tetrachloroethene	10.721	164	54138	49.205	ug/l	98
65) Chlorobenzene	11.514	112	157420	49.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	58596	49.929	ug/l	99
67) Ethyl Benzene	11.593	91	284308	50.986	ug/l	100
68) m/p-Xylenes	11.703	106	216975	101.148	ug/l	98
69) o-Xylene	12.026	106	101657	50.777	ug/l	100
70) Styrene	12.044	104	171991	51.480	ug/l	98
71) Bromoform	12.209	173	38285	50.034	ug/l #	98
73) Isopropylbenzene	12.331	105	267281	48.693	ug/l	100
74) N-amyl acetate	12.142	43	87262	50.525	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	58720	47.588	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	77246	83.517	ug/l #	100
77) Bromobenzene	12.611	156	64911	48.677	ug/l	99
78) n-propylbenzene	12.672	91	335208	49.532	ug/l	99
79) 2-Chlorotoluene	12.758	91	184559	49.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	225409	49.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	21469	48.096	ug/l	97
82) 4-Chlorotoluene	12.855	91	191575	49.204	ug/l	99
83) tert-Butylbenzene	13.075	119	192635	49.268	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	220838	49.854	ug/l	99
85) sec-Butylbenzene	13.251	105	291775	48.916	ug/l	99
86) p-Isopropyltoluene	13.367	119	241217	49.480	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	126986	49.375	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	125682	47.881	ug/l	98
89) n-Butylbenzene	13.697	91	229286	49.130	ug/l	100
90) Hexachloroethane	13.965	117	48772	48.034	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	113626	48.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10103	50.662	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	70822	49.476	ug/l	99
94) Hexachlorobutadiene	15.111	225	41163	47.148	ug/l	99
95) Naphthalene	15.239	128	147169	51.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	62956	49.452	ug/l	100

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ClientSampleId :

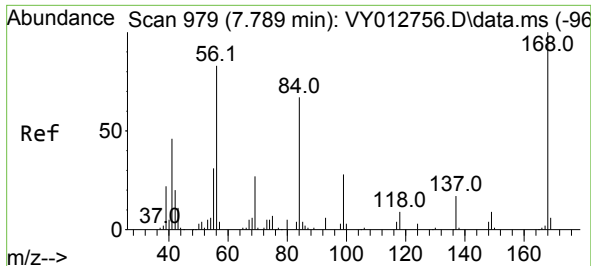
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

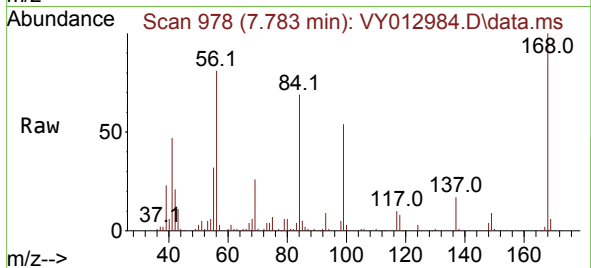
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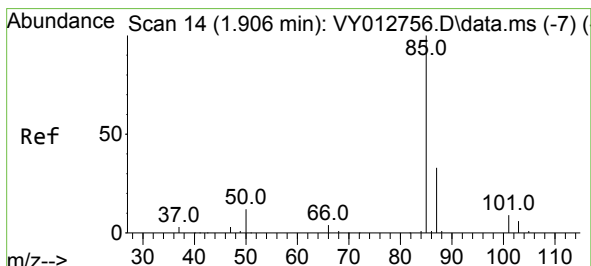
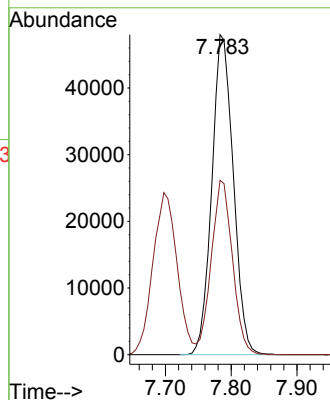
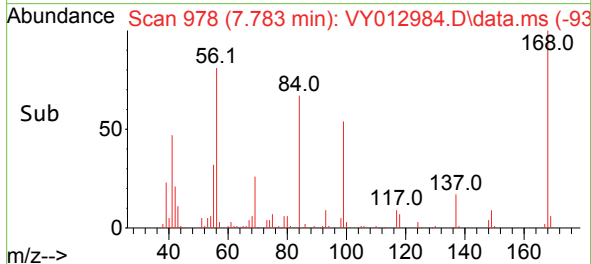


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

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MSVOA_Y
ClientSampleId :

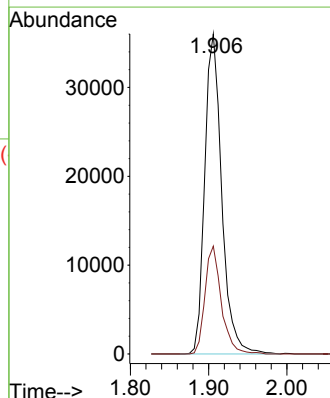
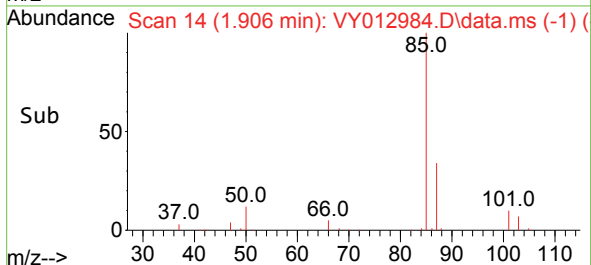
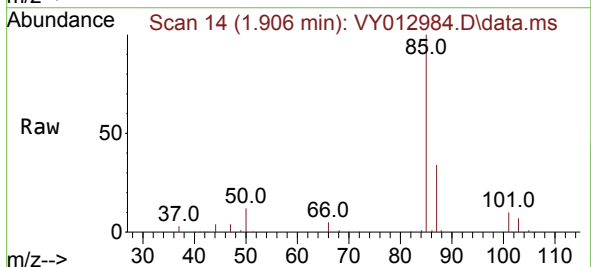


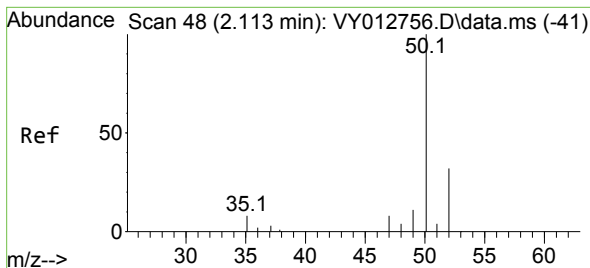
Tgt Ion:168 Resp: 109168
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 50.407 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 85 Resp: 54239
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.0





#3

Chloromethane

Concen: 47.307 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

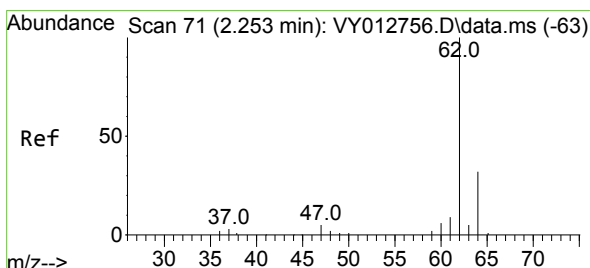
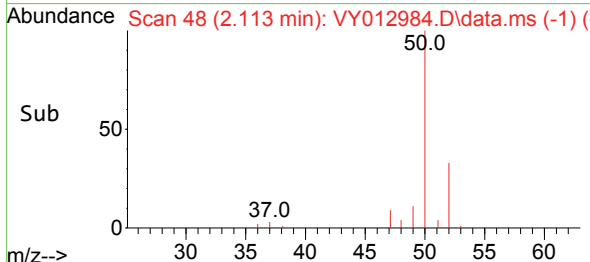
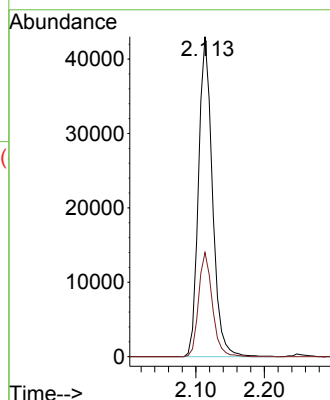
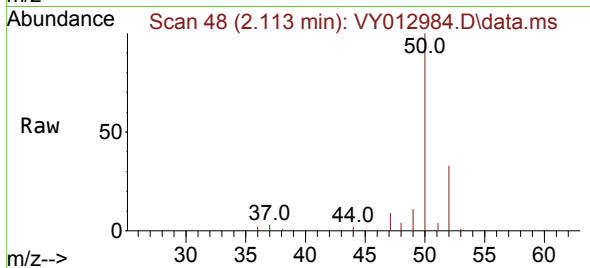
ClientSampleId :

Tgt Ion: 50 Resp: 60854

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 43.495 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012984.D

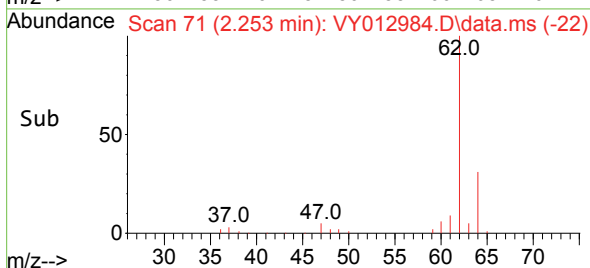
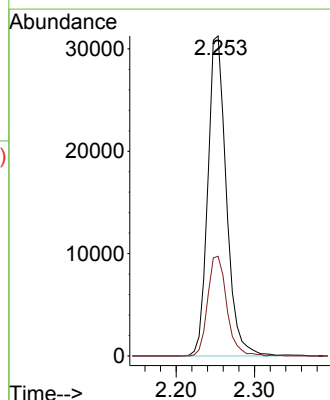
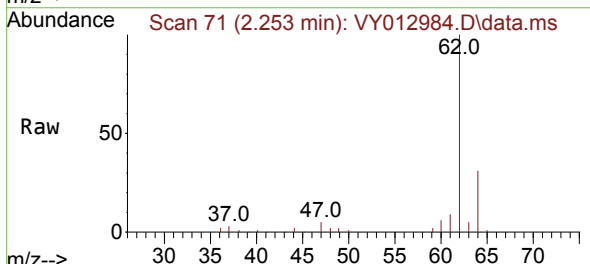
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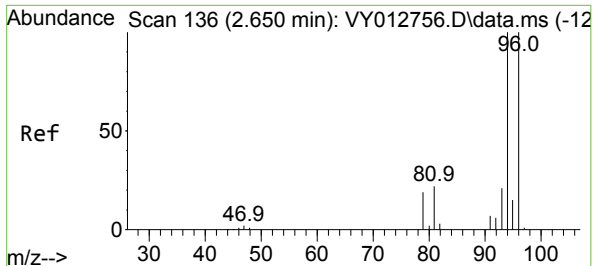
Tgt Ion: 62 Resp: 51307

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 48.519 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

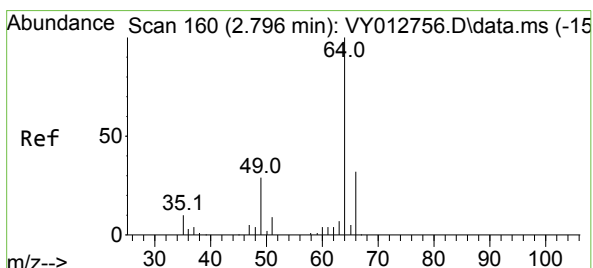
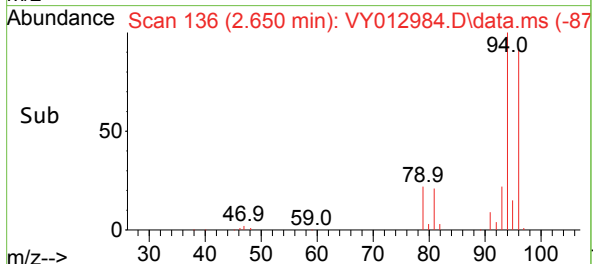
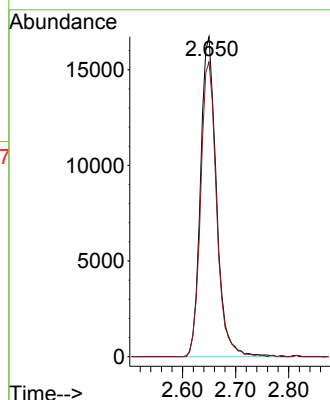
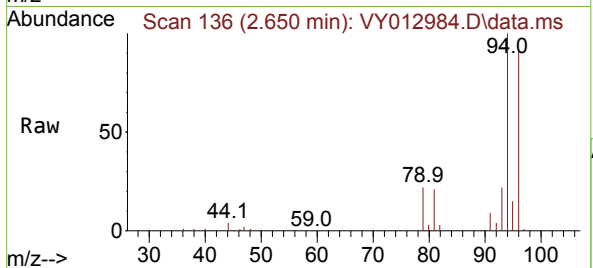
ClientSampleId :

Tgt Ion: 94 Resp: 34776

Ion Ratio Lower Upper

94 100

96 92.1 80.3 120.5



#6

Chloroethane

Concen: 46.717 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012984.D

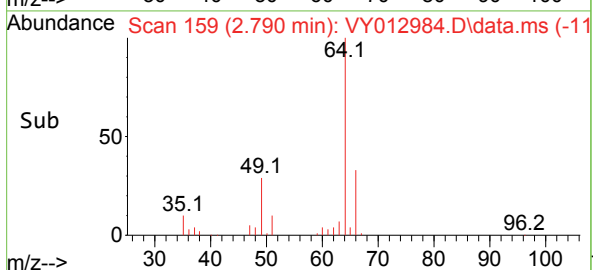
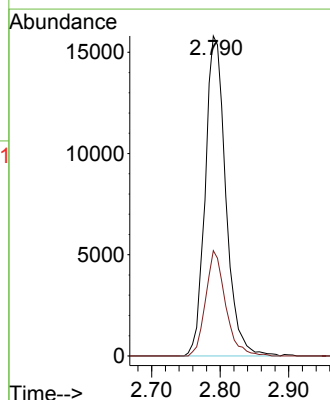
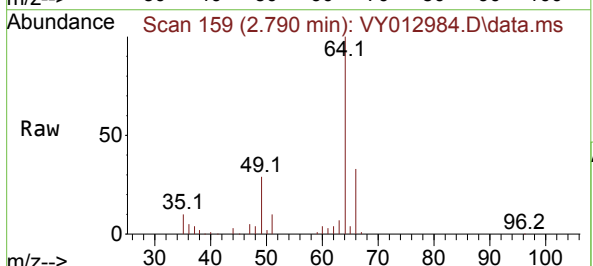
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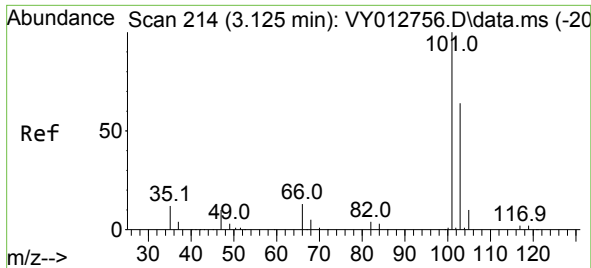
Tgt Ion: 64 Resp: 33003

Ion Ratio Lower Upper

64 100

66 32.9 25.7 38.5

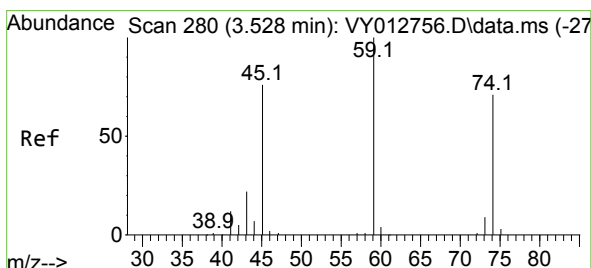
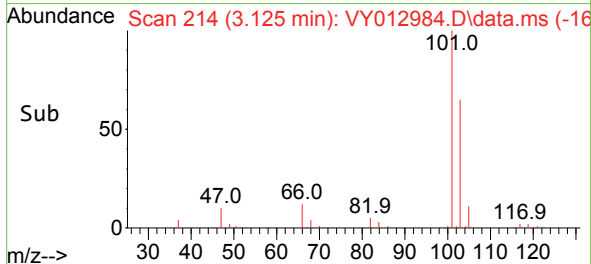
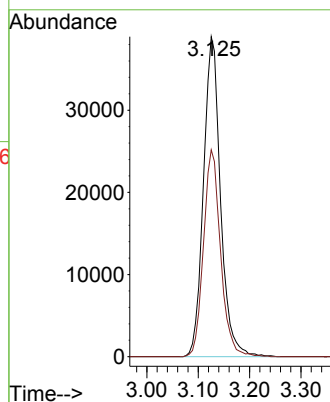
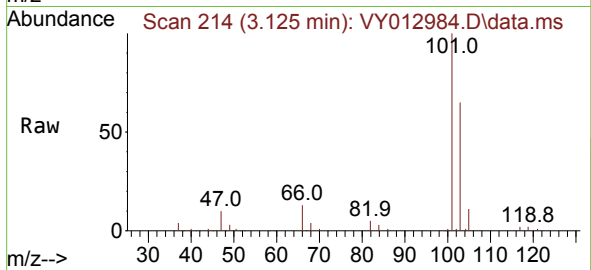




#7
 Trichlorofluoromethane
 Concen: 45.822 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

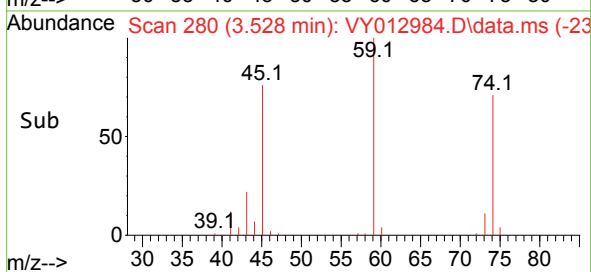
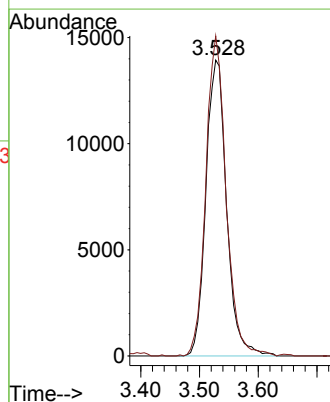
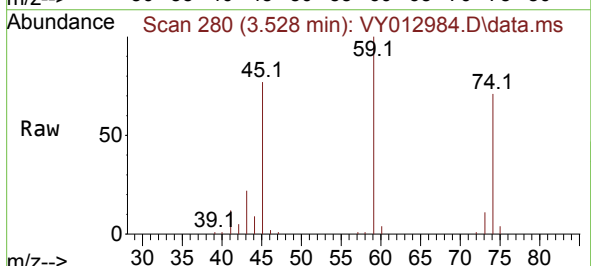
Instrument :
 MSVOA_Y
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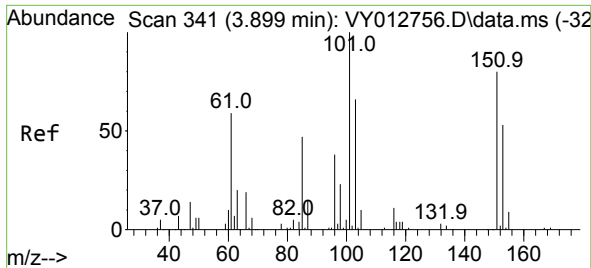
Tgt Ion:101 Resp: 89772
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.702 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

Tgt Ion: 74 Resp: 34123
 Ion Ratio Lower Upper
 74 100
 45 106.1 52.1 156.4

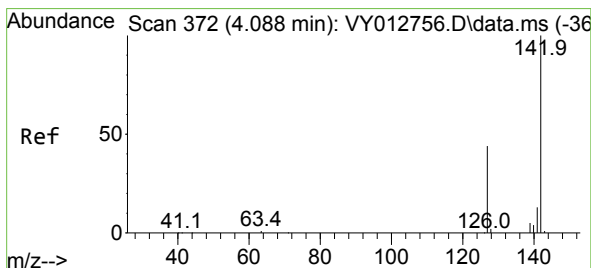
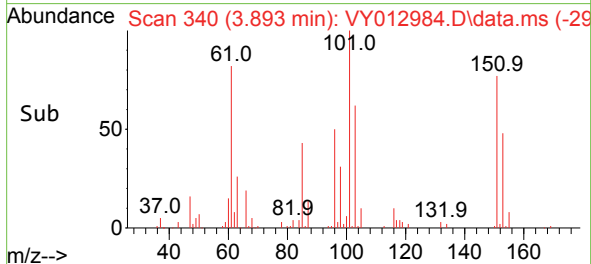
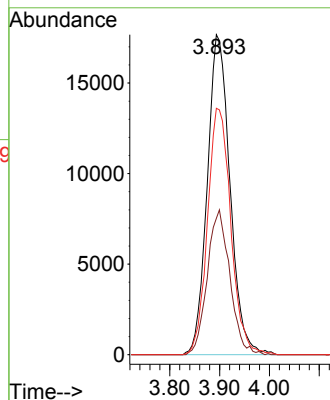
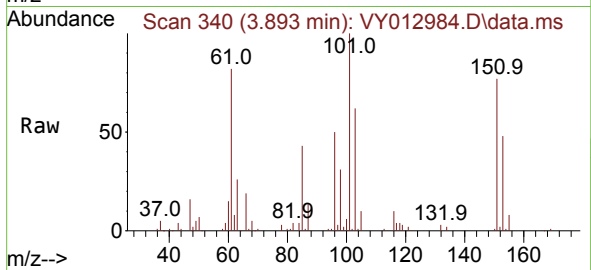




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.488 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012984.D
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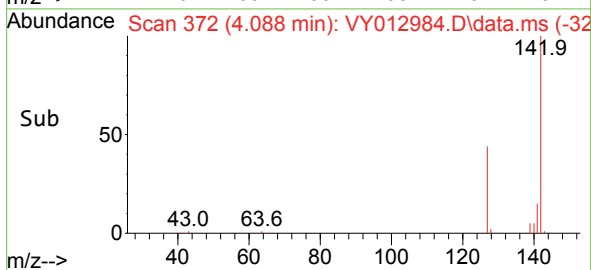
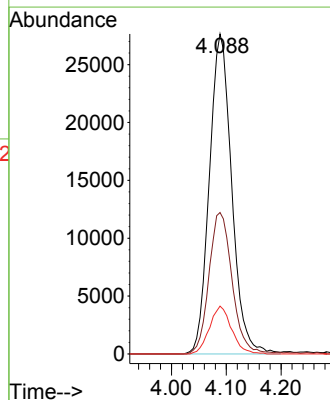
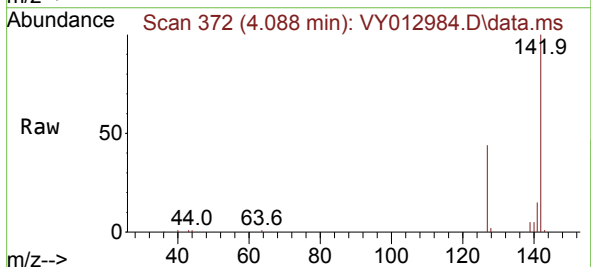
Instrument :
MSVOA_Y
ClientSampleId :

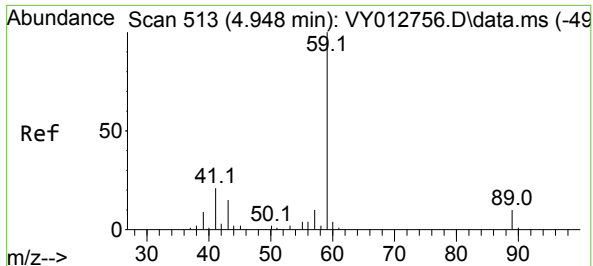
Tgt Ion:101 Resp: 55975
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 79.1 63.1 94.7



#10
Methyl Iodide
Concen: 50.973 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion:142 Resp: 78285
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 14.8 11.3 16.9





#11

Tert butyl alcohol

Concen: 247.585 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

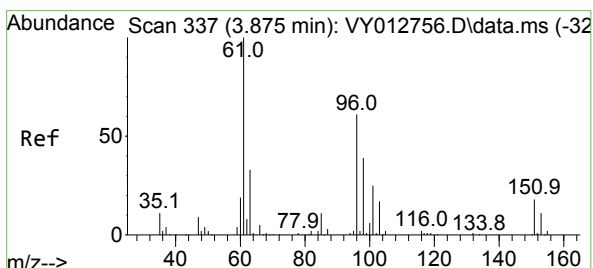
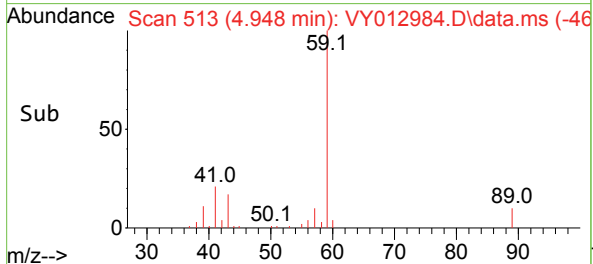
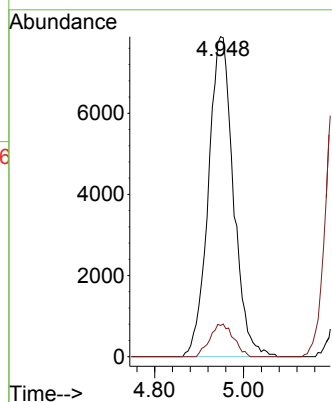
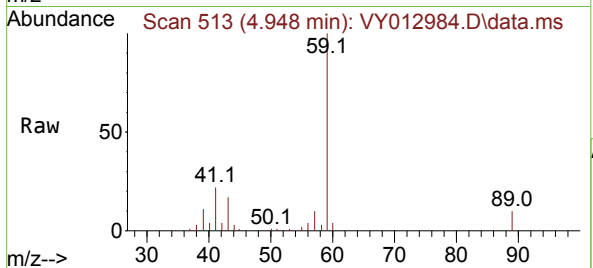
ClientSampleId :

Tgt Ion: 59 Resp: 30886

Ion Ratio Lower Upper

59 100

57 9.6 7.7 11.5



#12

1,1-Dichloroethene

Concen: 49.894 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

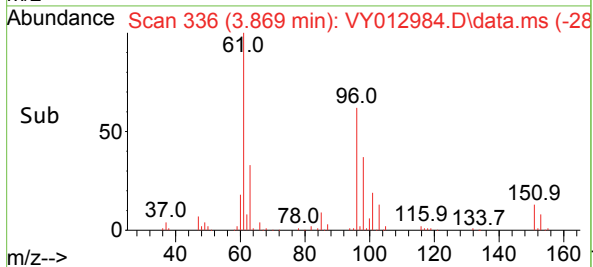
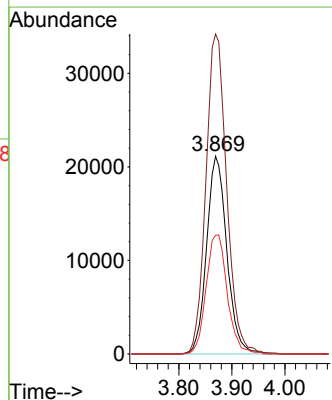
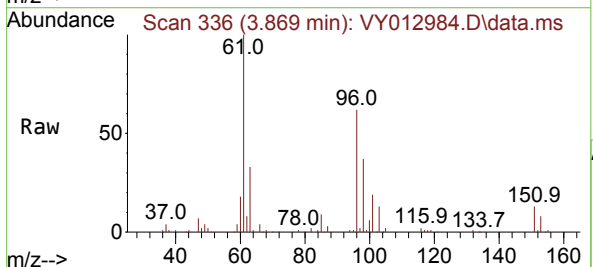
Tgt Ion: 96 Resp: 56090

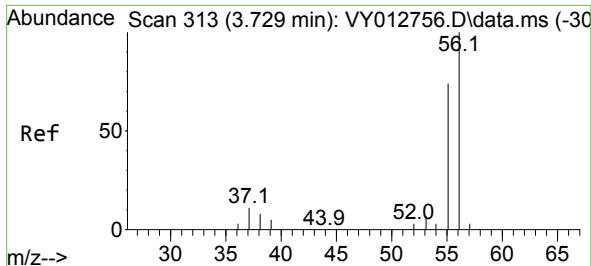
Ion Ratio Lower Upper

96 100

61 161.8 131.7 197.5

98 60.0 52.0 78.0





#13

Acrolein

Concen: 189.365 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

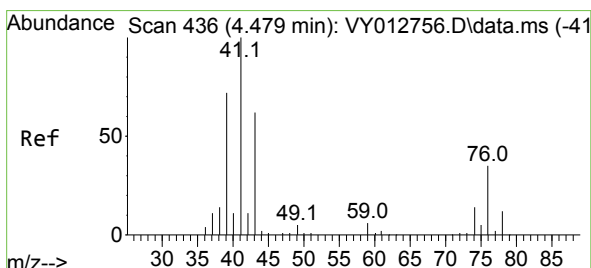
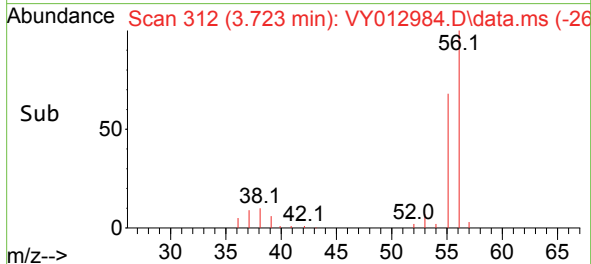
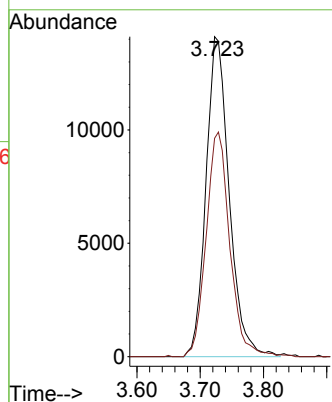
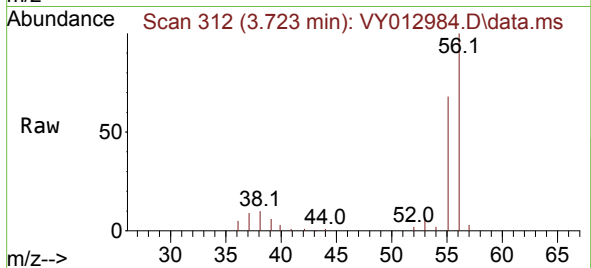
ClientSampleId :

Tgt Ion: 56 Resp: 35960

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 51.198 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

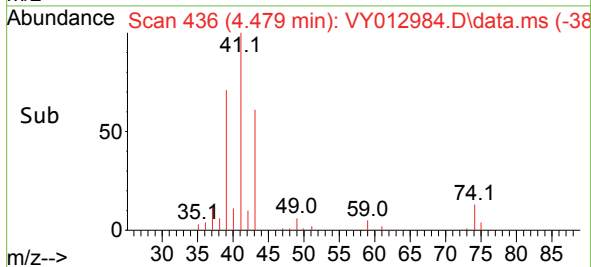
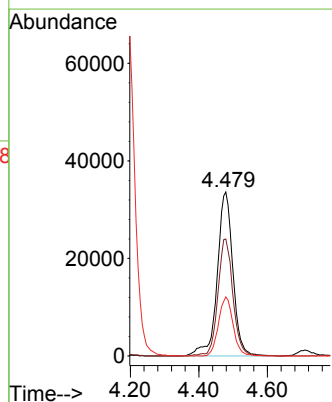
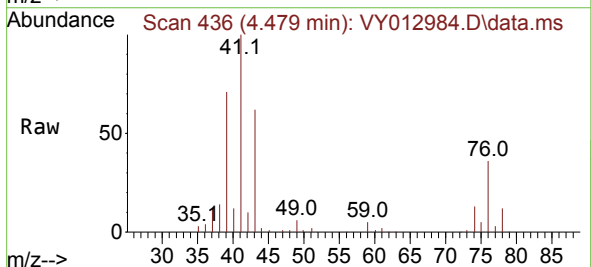
Tgt Ion: 41 Resp: 106318

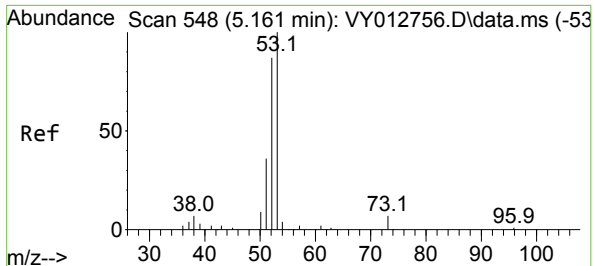
Ion Ratio Lower Upper

41 100

39 68.5 53.6 80.4

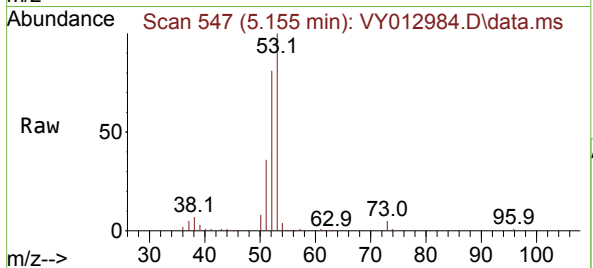
76 33.5 27.2 40.8



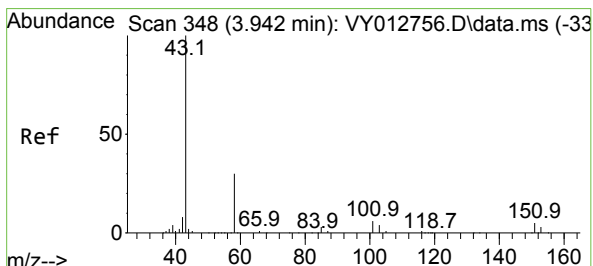
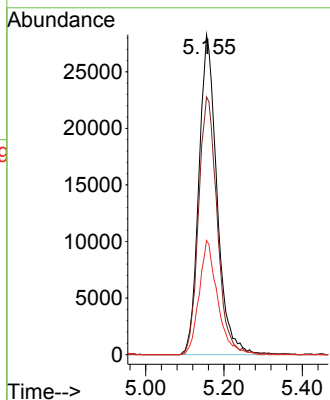
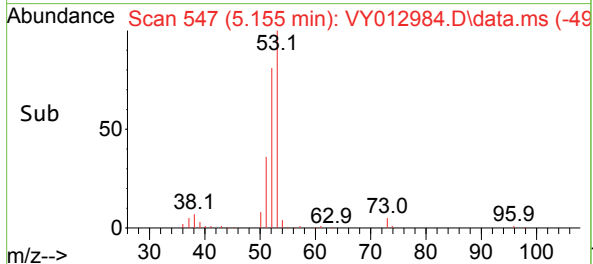


#15
Acrylonitrile
Concen: 251.191 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

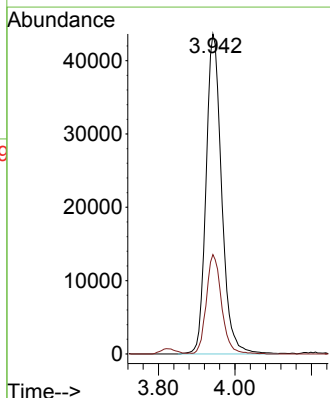
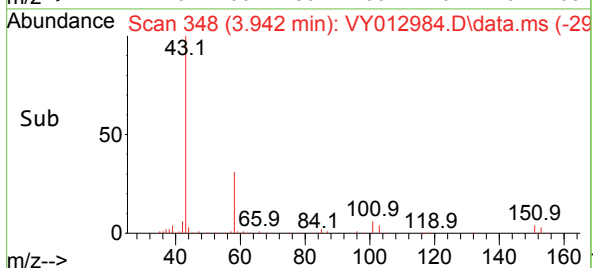
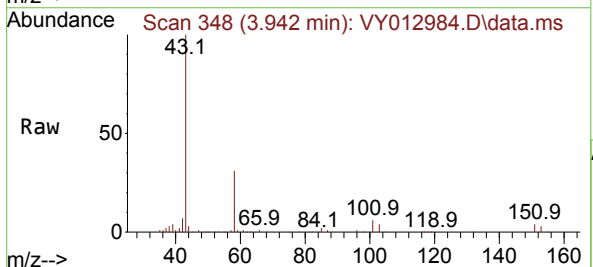


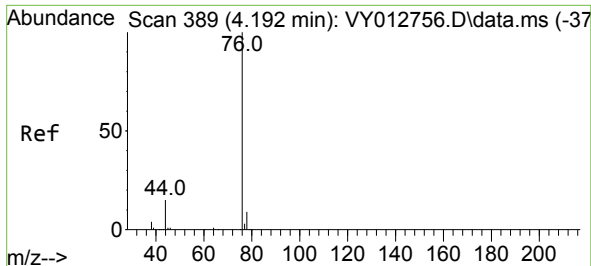
Tgt Ion: 53 Resp: 90868
Ion Ratio Lower Upper
53 100
52 82.8 66.3 99.5
51 36.4 28.8 43.2



#16
Acetone
Concen: 290.524 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 43 Resp: 123600
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2

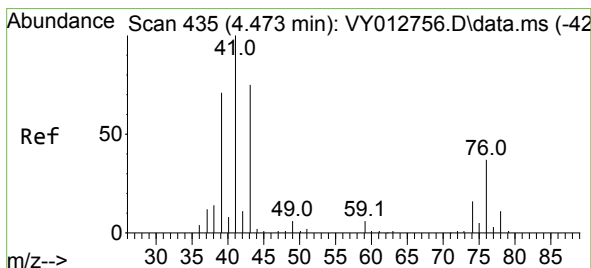
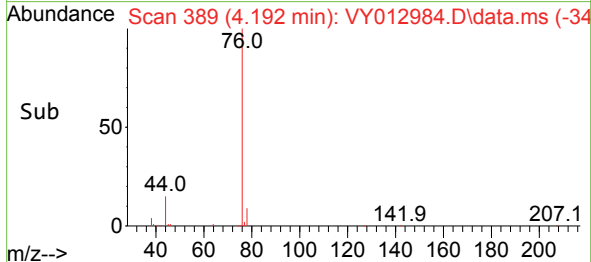
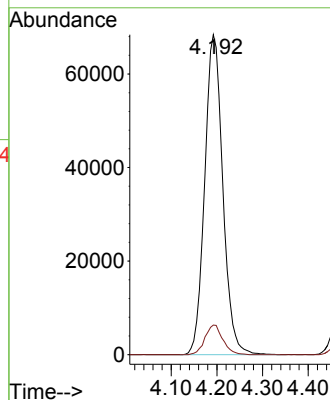
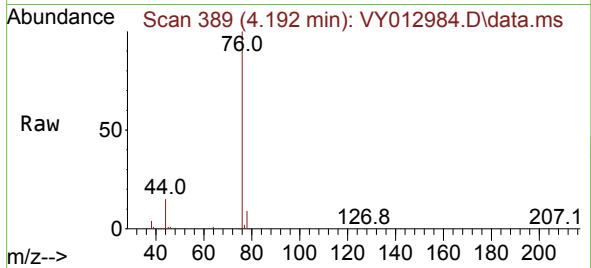




#17
Carbon Disulfide
Concen: 49.270 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

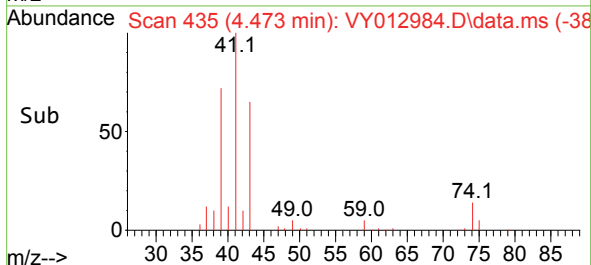
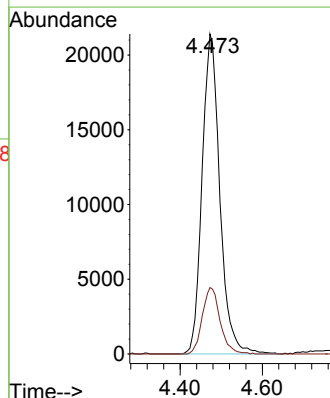
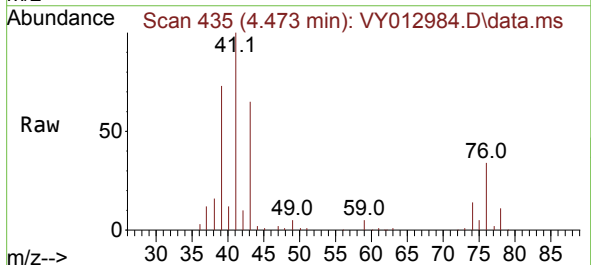
Instrument :
MSVOA_Y
ClientSampleId :

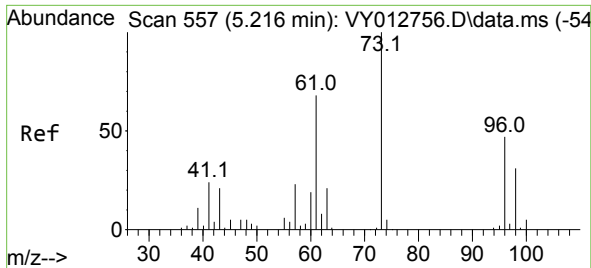
Tgt Ion: 76 Resp: 188535
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 50.535 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 43 Resp: 64025
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0

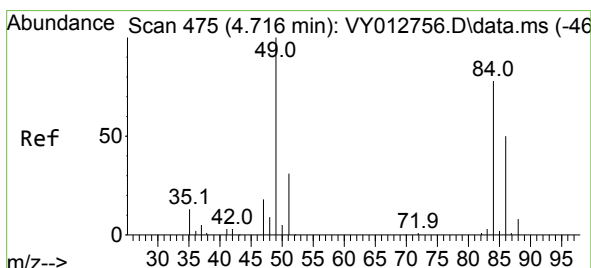
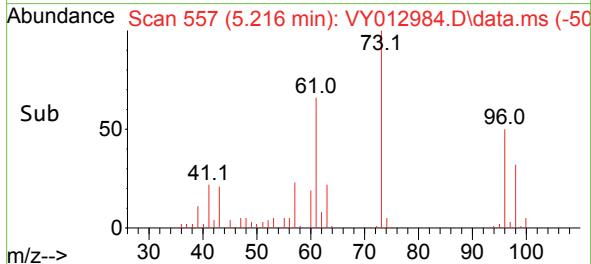
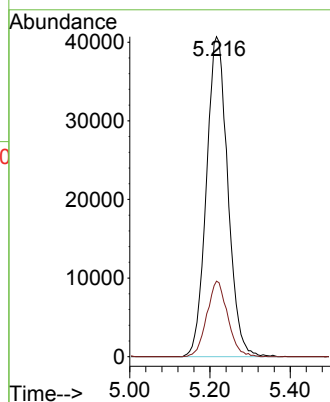
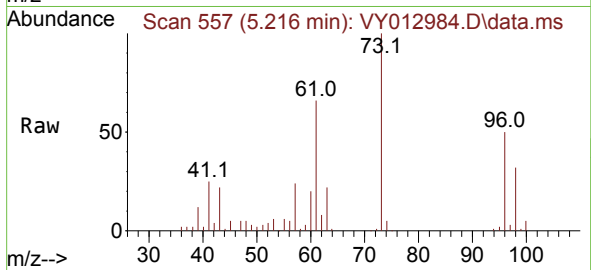




#19
Methyl tert-butyl Ether
Concen: 51.873 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

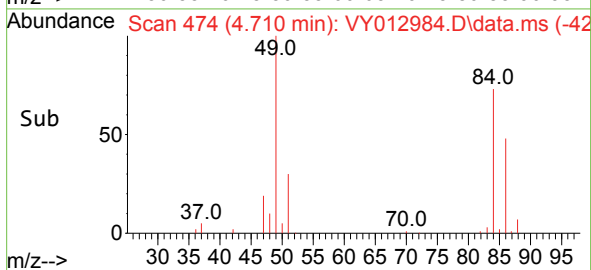
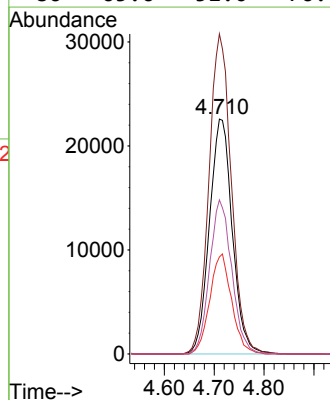
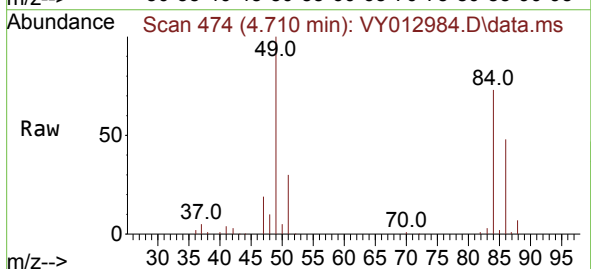
Instrument :
MSVOA_Y
ClientSampleId :

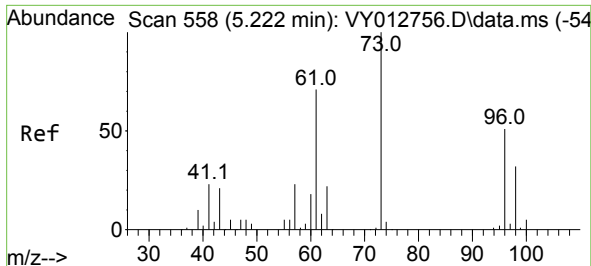
Tgt Ion: 73 Resp: 150626
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



#20
Methylene Chloride
Concen: 56.047 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 84 Resp: 71918
Ion Ratio Lower Upper
84 100
49 136.2 102.6 154.0
51 41.3 31.9 47.9
86 65.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.605 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

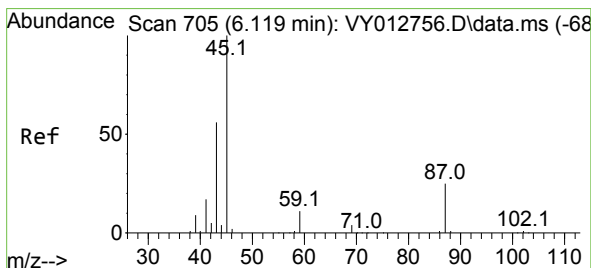
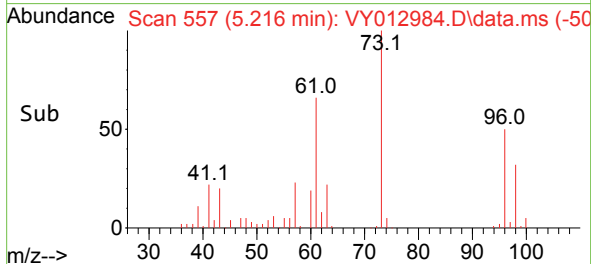
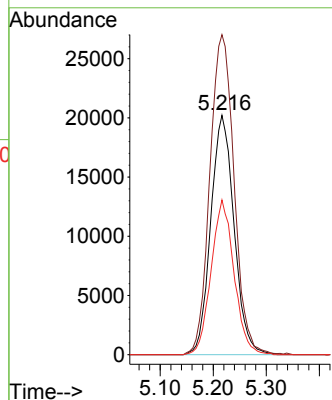
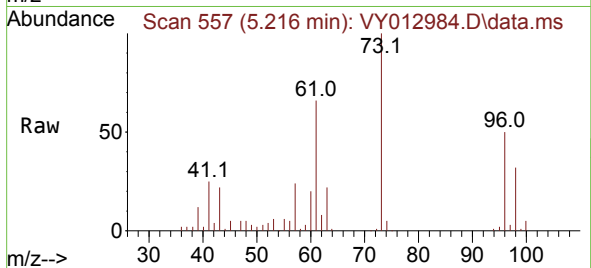
Tgt Ion: 96 Resp: 61822

Ion Ratio Lower Upper

96 100

61 133.7 111.4 167.0

98 64.6 50.8 76.2



#22

Diisopropyl ether

Concen: 51.869 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Tgt Ion: 45 Resp: 195634

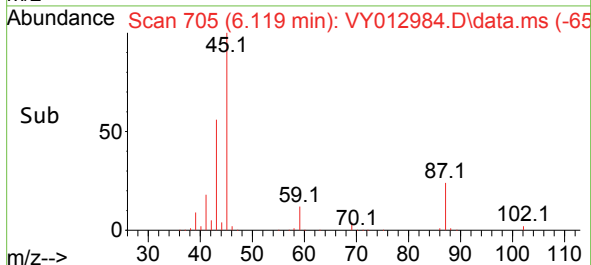
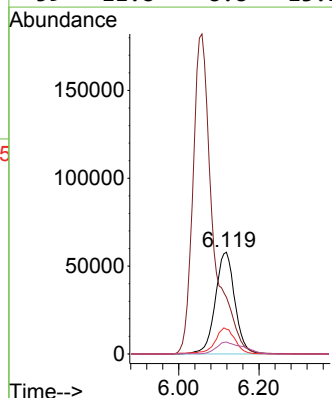
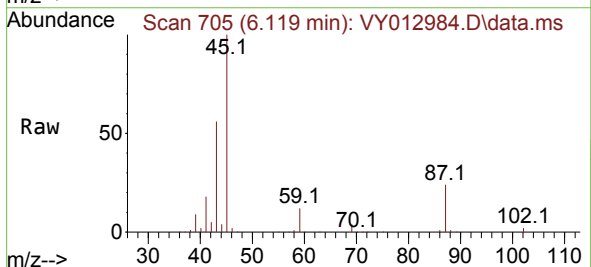
Ion Ratio Lower Upper

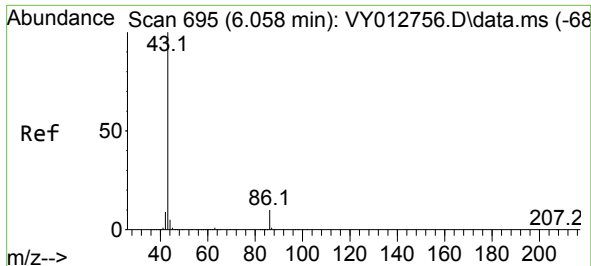
45 100

43 55.2 45.0 67.6

87 24.4 20.3 30.5

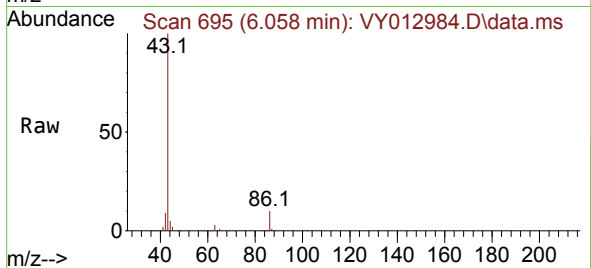
59 11.8 8.8 13.2



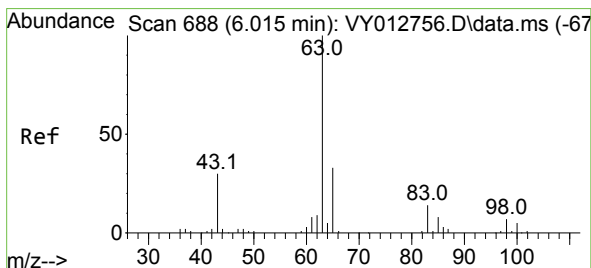
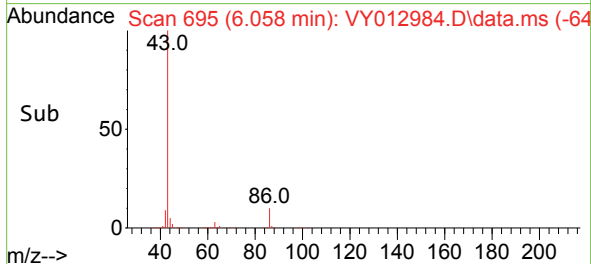
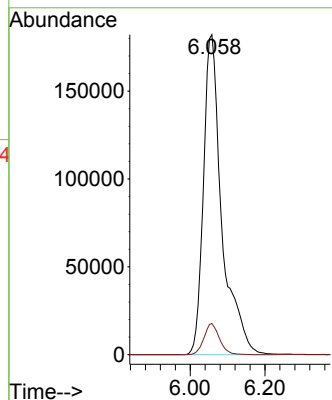


#23
 Vinyl Acetate
 Concen: 266.060 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :

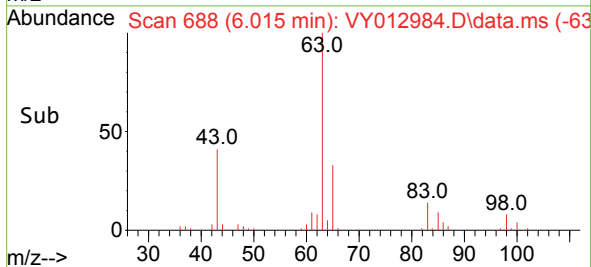
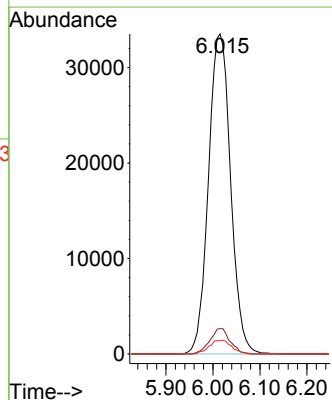
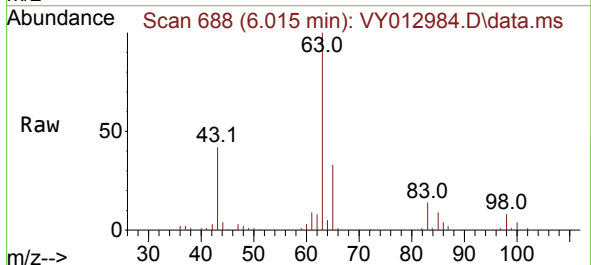


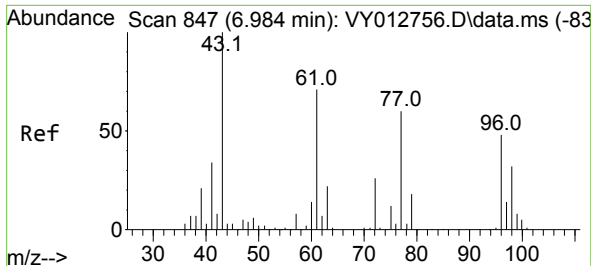
Tgt Ion: 43 Resp: 623514
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.995 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

Tgt Ion: 63 Resp: 109600
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 272.946 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

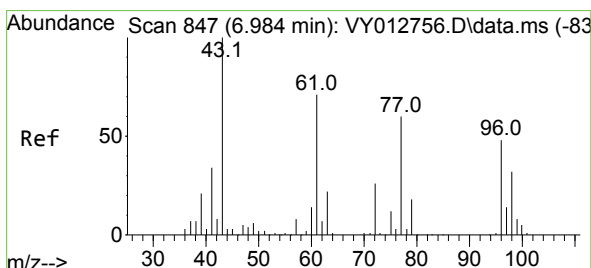
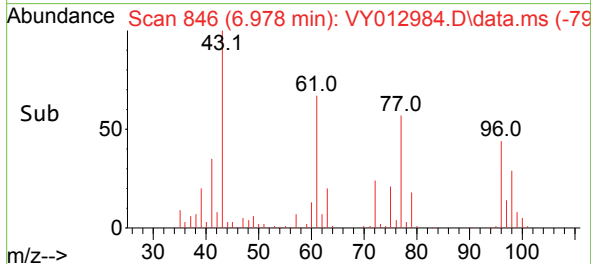
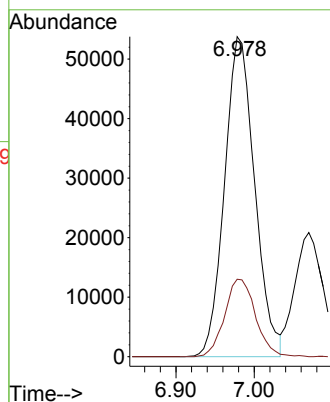
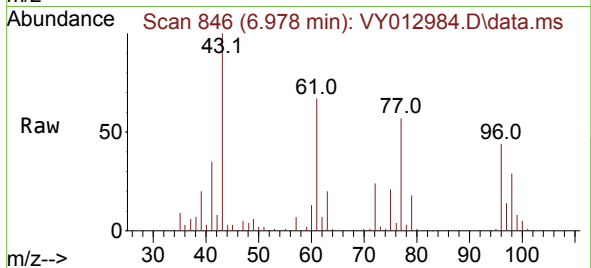
ClientSampleId :

Tgt Ion: 43 Resp: 143826

Ion Ratio Lower Upper

43 100

72 24.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 50.027 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012984.D

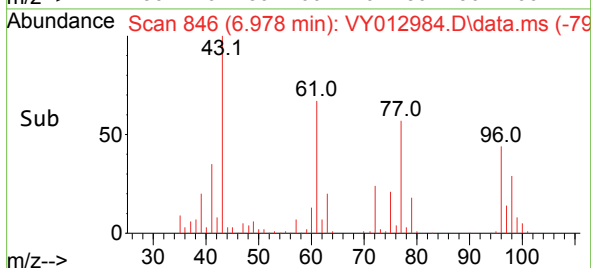
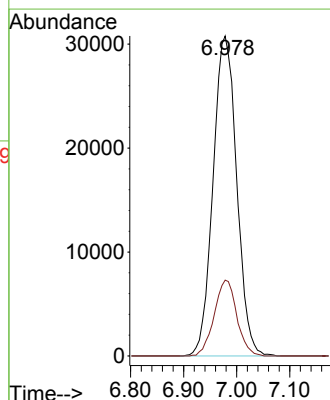
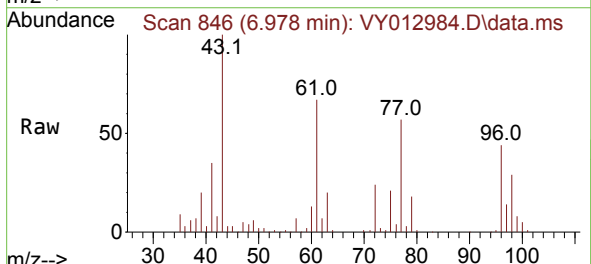
Acq: 17 Mar 2023 13:28

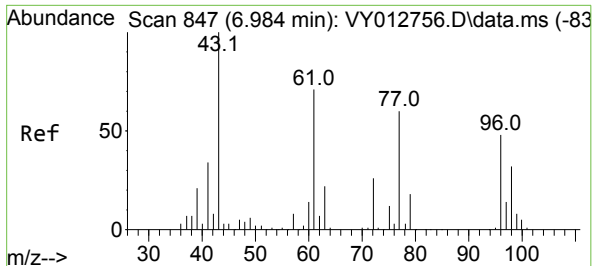
Tgt Ion: 77 Resp: 95494

Ion Ratio Lower Upper

77 100

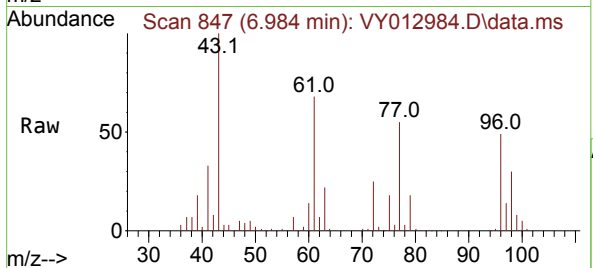
97 22.6 11.7 35.0





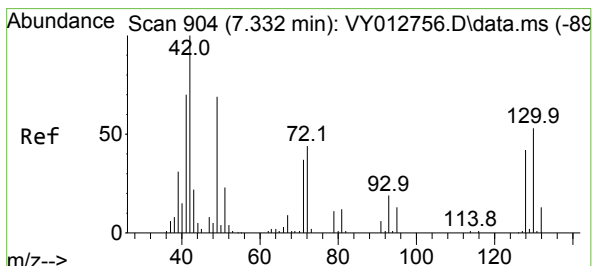
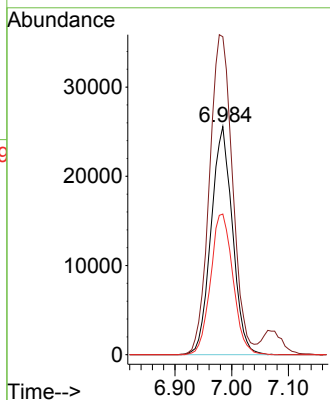
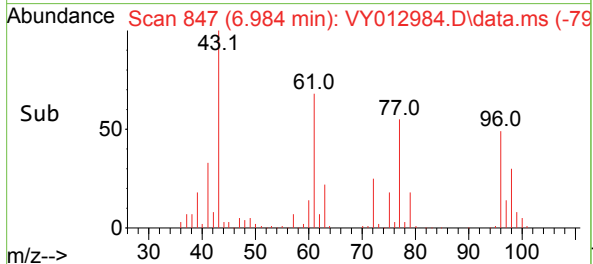
#27
 cis-1,2-Dichloroethene
 Concen: 51.198 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :

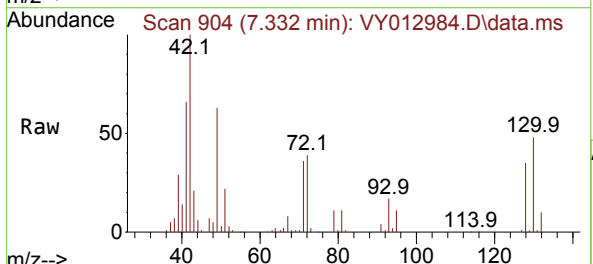


Tgt Ion: 96 Resp: 67057

Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	295.8
98	64.5	0.0	130.2

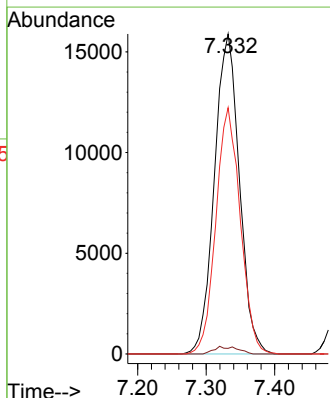
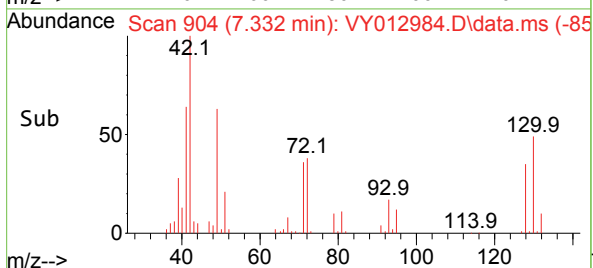


#28
 Bromochloromethane
 Concen: 51.151 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28



Tgt Ion: 49 Resp: 40175

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.1	60.5	90.7





#29

Tetrahydrofuran

Concen: 261.428 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

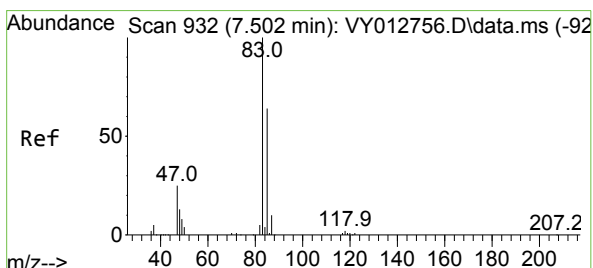
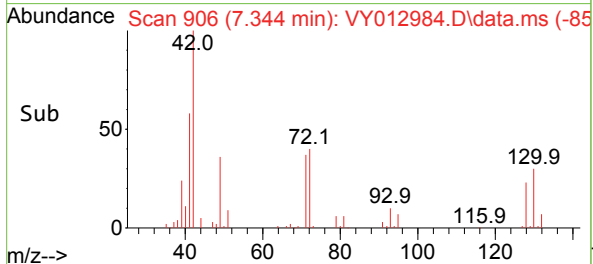
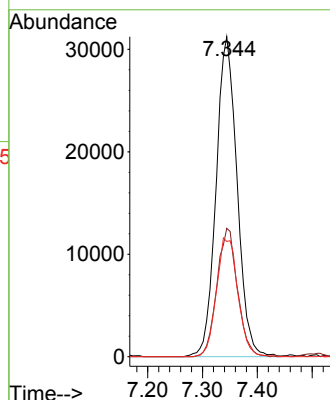
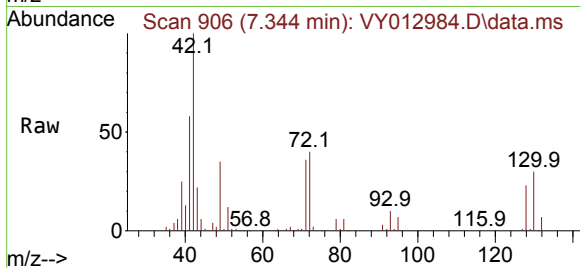
Tgt Ion: 42 Resp: 83084

Ion Ratio Lower Upper

42 100

72 39.4 32.3 48.5

71 38.0 30.3 45.5



#30

Chloroform

Concen: 51.277 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012984.D

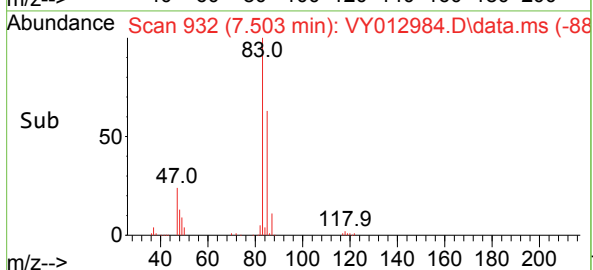
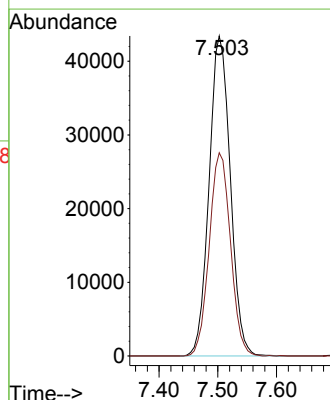
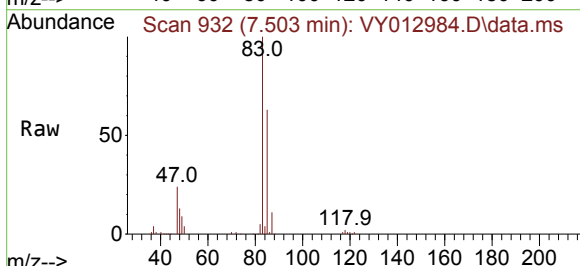
Acq: 17 Mar 2023 13:28

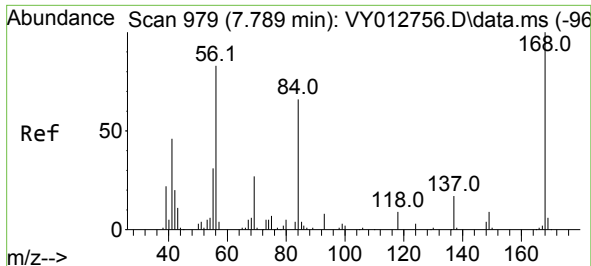
Tgt Ion: 83 Resp: 108856

Ion Ratio Lower Upper

83 100

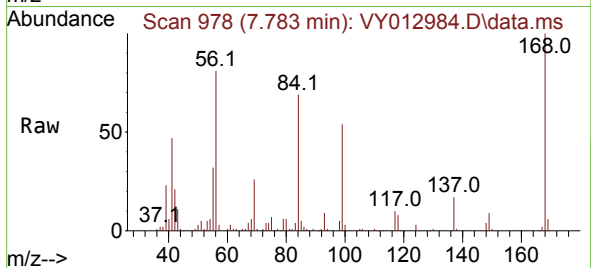
85 63.5 51.4 77.0



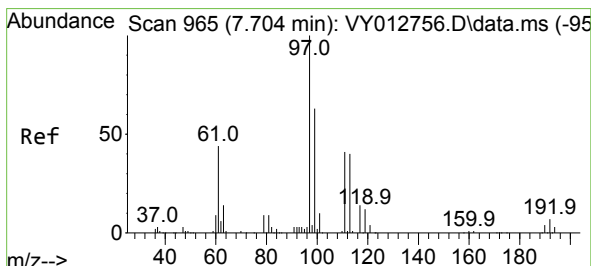
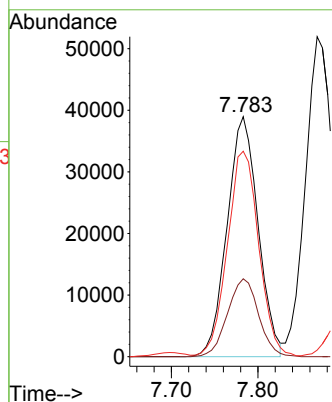
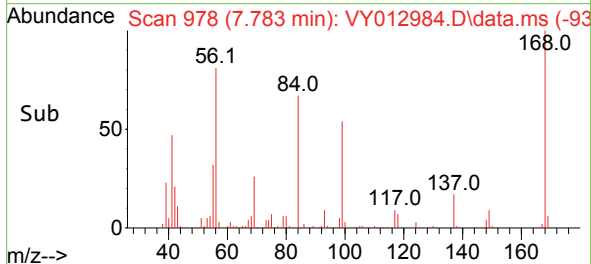


#31
Cyclohexane
Concen: 46.683 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

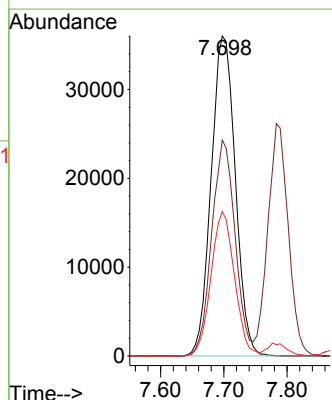
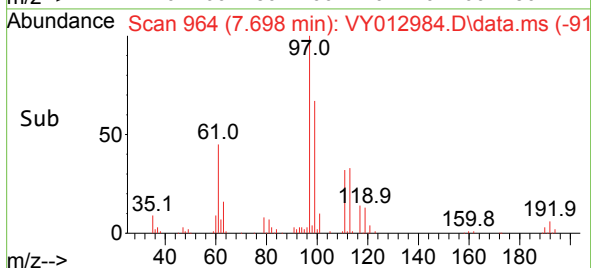
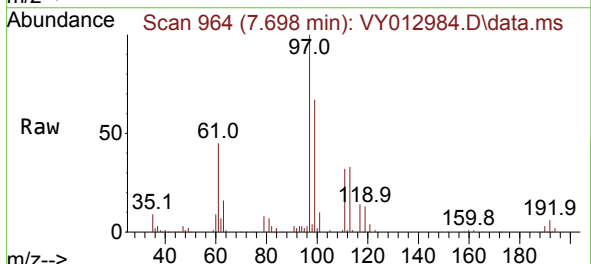


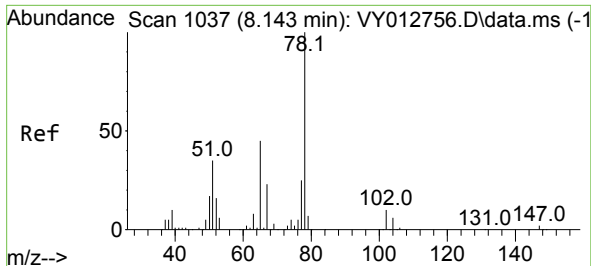
Tgt Ion: 56 Resp: 96907
Ion Ratio Lower Upper
56 100
69 32.5 25.7 38.5
84 84.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.783 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 97 Resp: 95575
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 44.0 34.5 51.7

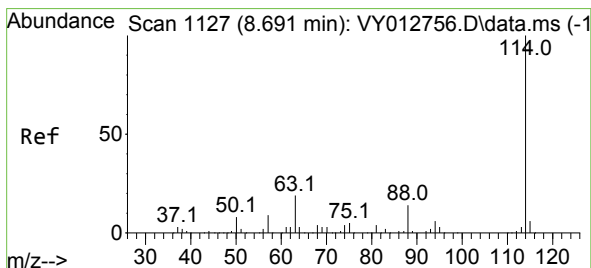
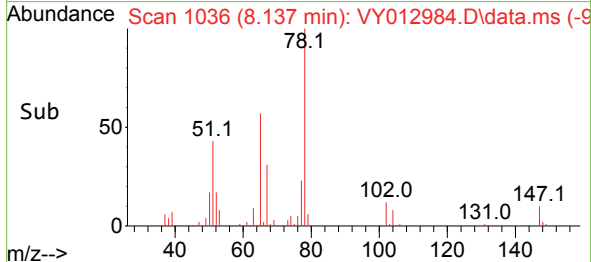
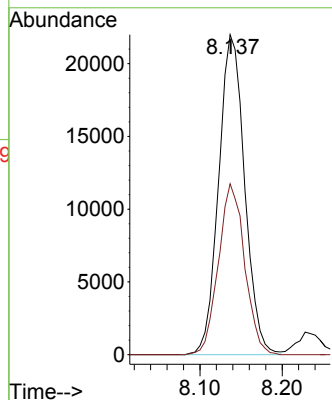
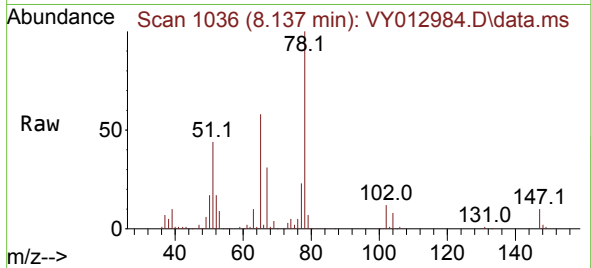




#33
 1,2-Dichloroethane-d4
 Concen: 44.639 ug/l
 RT: 8.137 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

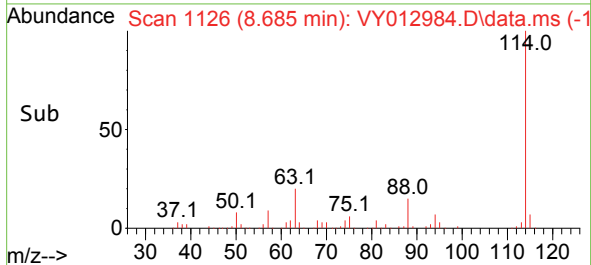
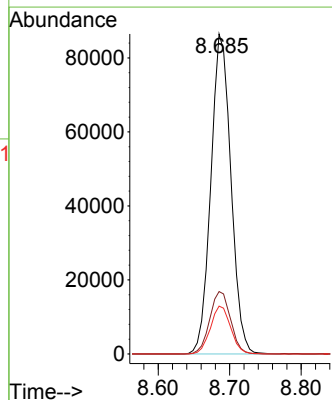
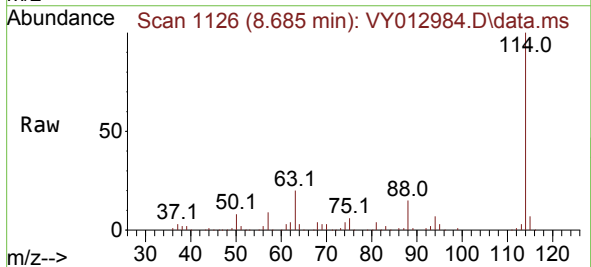
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 48384
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

Tgt Ion:114 Resp: 168684
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.9 0.0 28.6

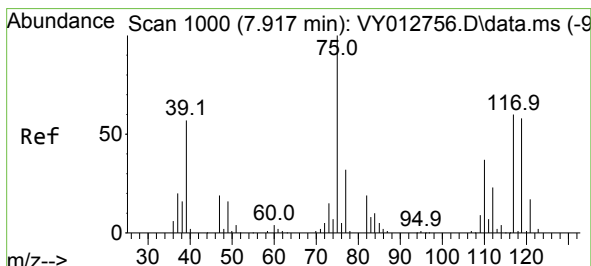
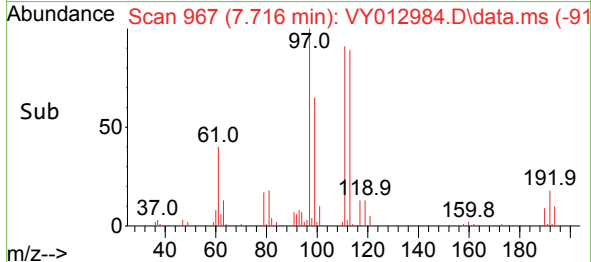
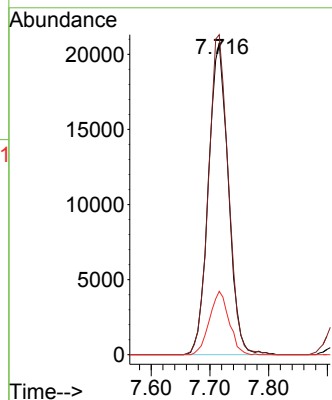
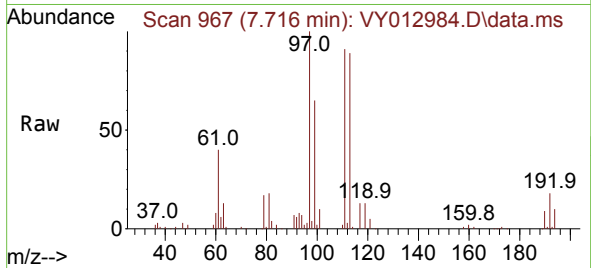




#35
Dibromofluoromethane
Concen: 47.979 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

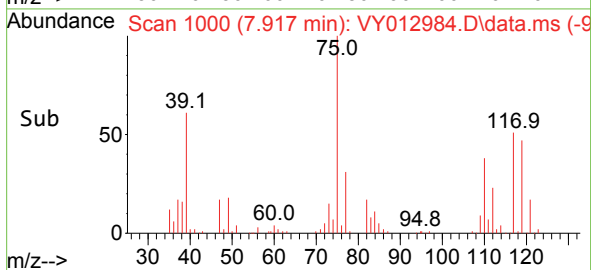
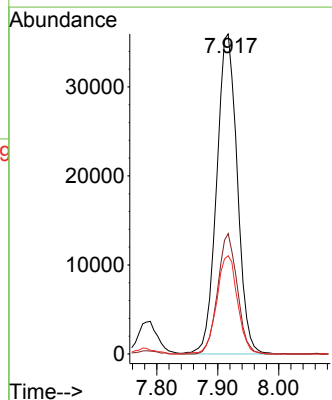
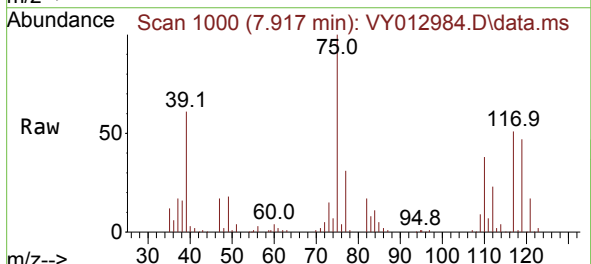
Instrument :
MSVOA_Y
ClientSampleId :

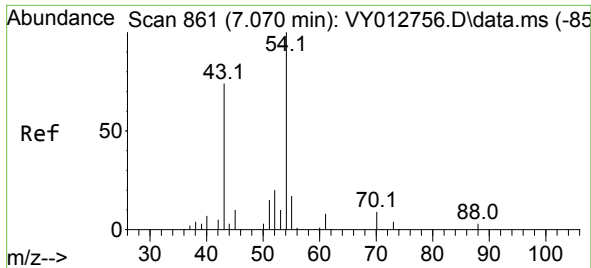
Tgt Ion:113 Resp: 48843
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.515 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 75 Resp: 84471
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 31.1 25.0 37.4

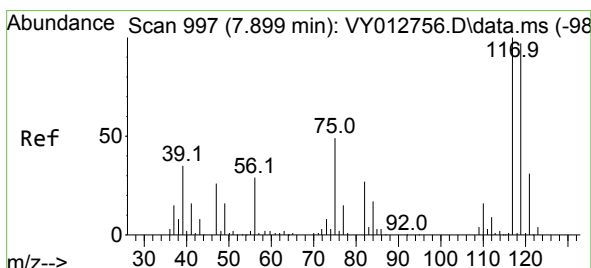
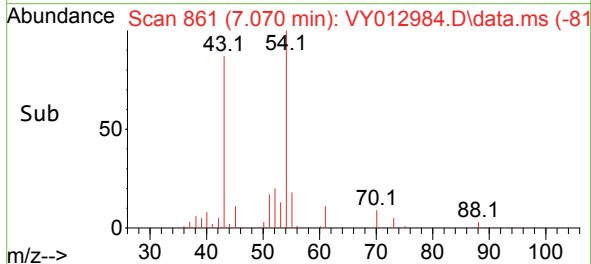
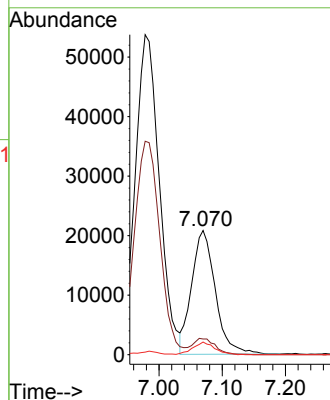
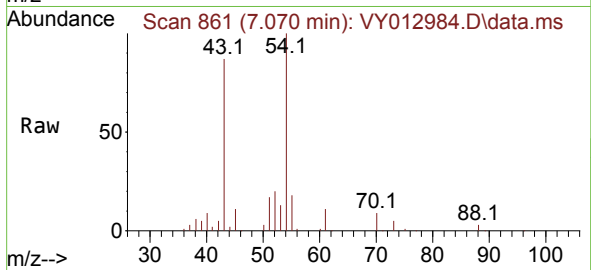




#37
Ethyl Acetate
Concen: 50.593 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

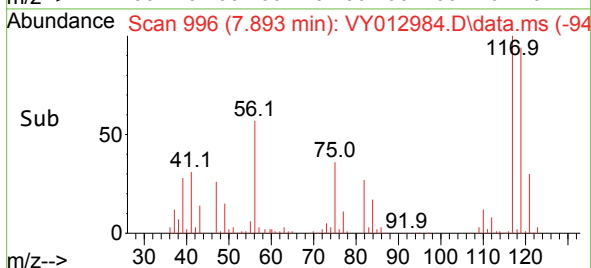
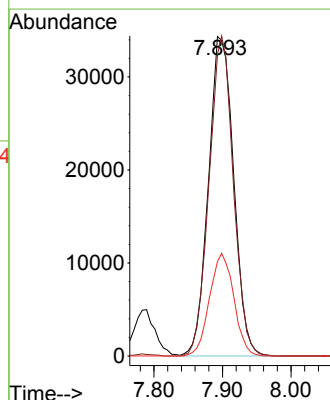
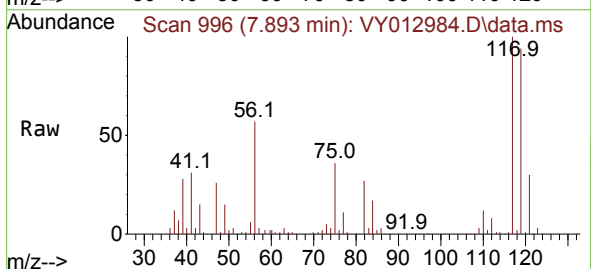
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 54399
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 9.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.812 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 117 Resp: 87753
Ion Ratio Lower Upper
117 100
119 94.4 77.2 115.8
121 29.6 24.7 37.1





#39

Methylcyclohexane

Concen: 49.387 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

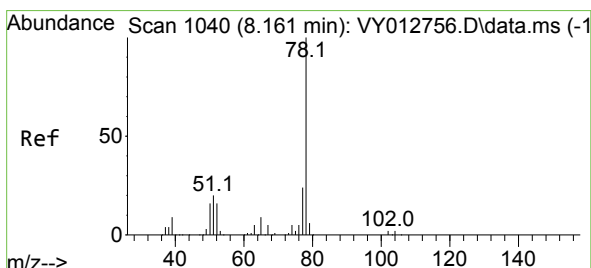
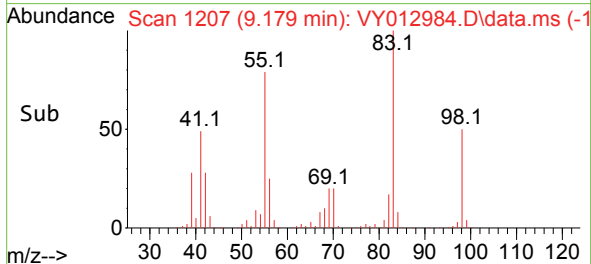
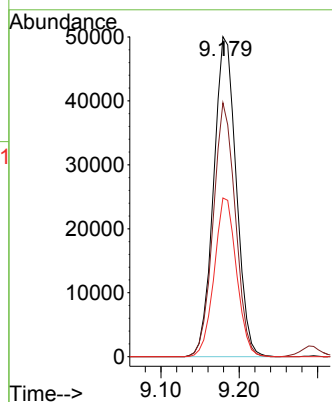
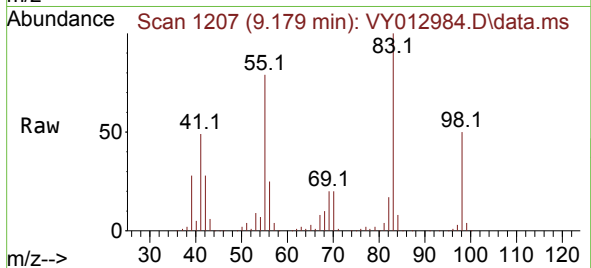
Tgt Ion: 83 Resp: 100165

Ion Ratio Lower Upper

83 100

55 79.4 60.0 90.0

98 49.6 38.3 57.5



#40

Benzene

Concen: 50.328 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012984.D

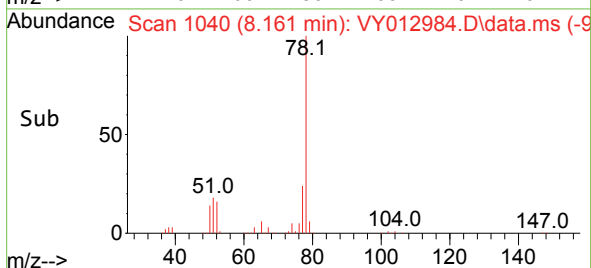
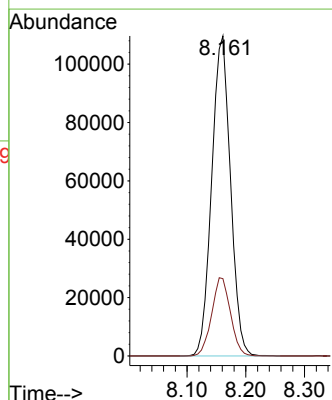
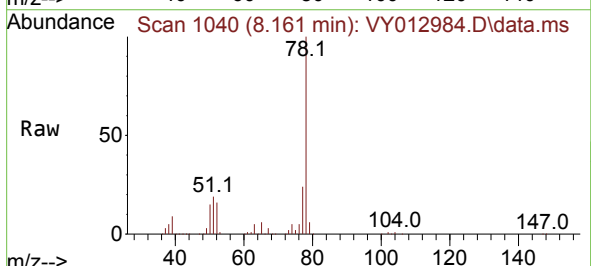
Acq: 17 Mar 2023 13:28

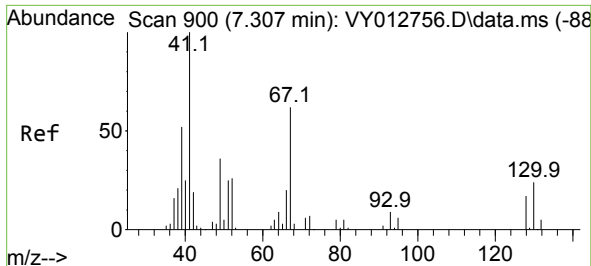
Tgt Ion: 78 Resp: 242865

Ion Ratio Lower Upper

78 100

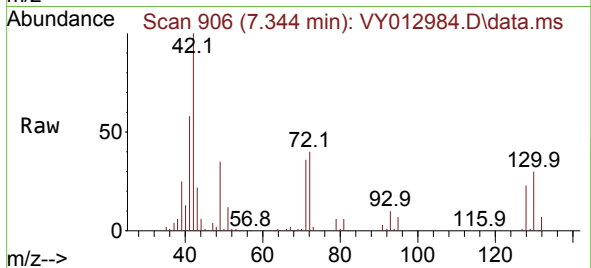
77 24.1 19.4 29.0



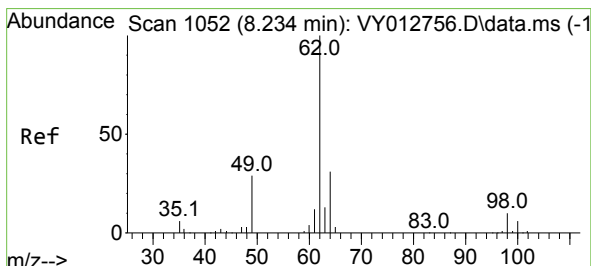
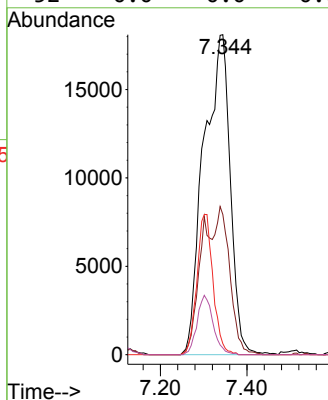
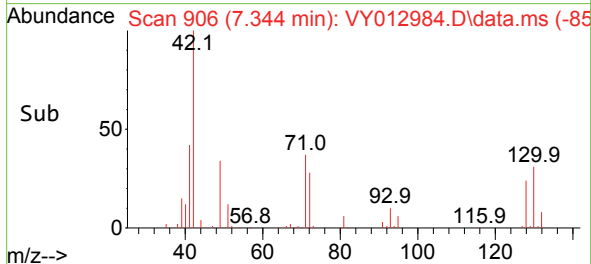


#41
Methacrylonitrile
Concen: 132.052 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

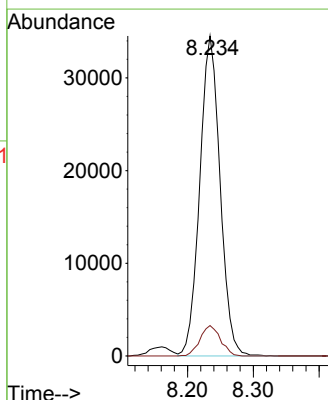
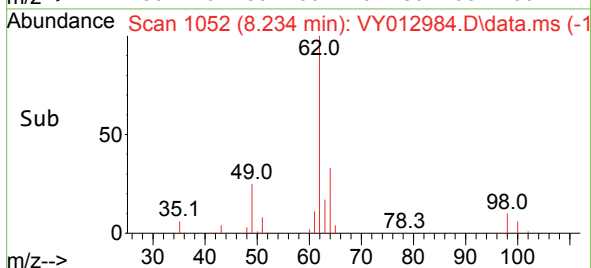
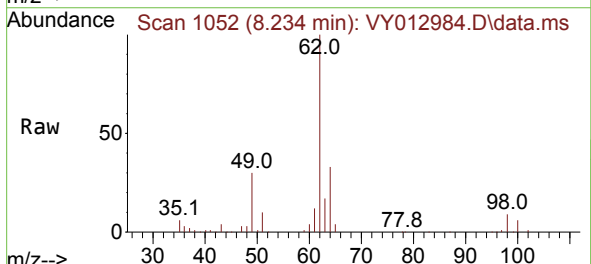


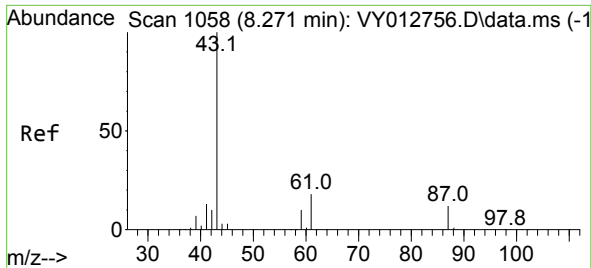
Tgt Ion:	41	Resp:	76499
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.096 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion:	62	Resp:	74132
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	18.8

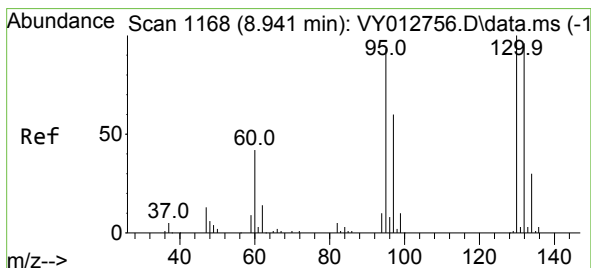
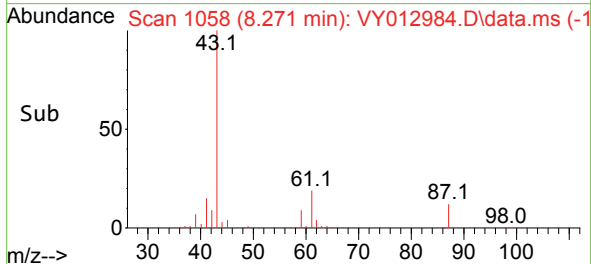
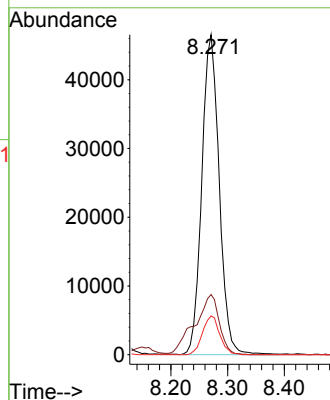
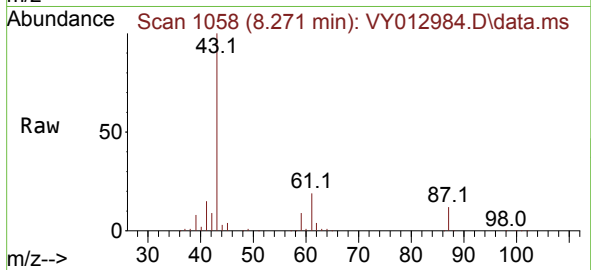




#43
Isopropyl Acetate
Concen: 51.763 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

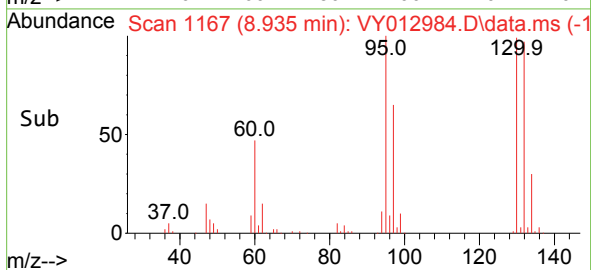
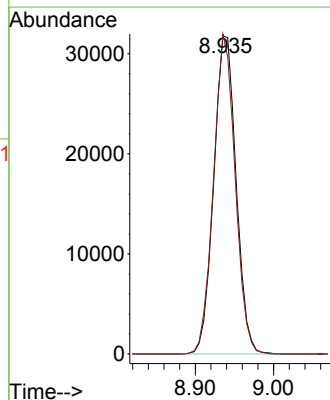
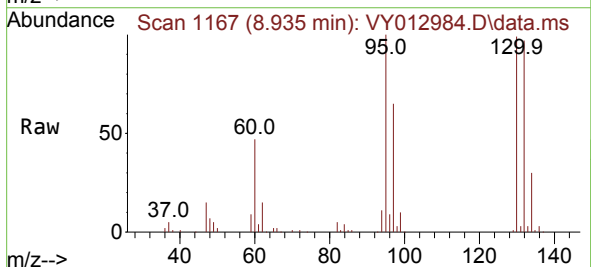
Instrument :
MSVOA_Y
ClientSampleId :

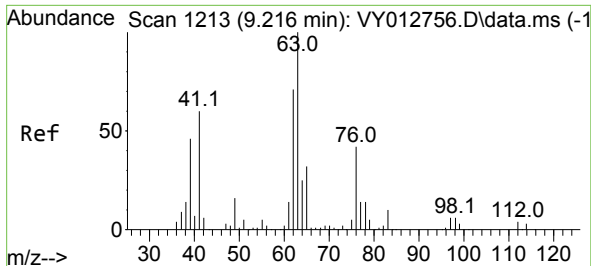
Tgt Ion: 43 Resp: 99299
Ion Ratio Lower Upper
43 100
61 26.7 21.6 32.4
87 12.0 9.9 14.9



#44
Trichloroethene
Concen: 49.499 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion:130 Resp: 62978
Ion Ratio Lower Upper
130 100
95 100.7 0.0 185.0

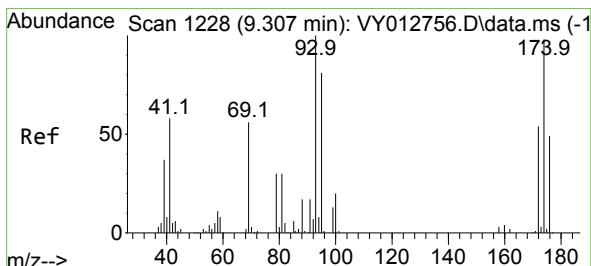
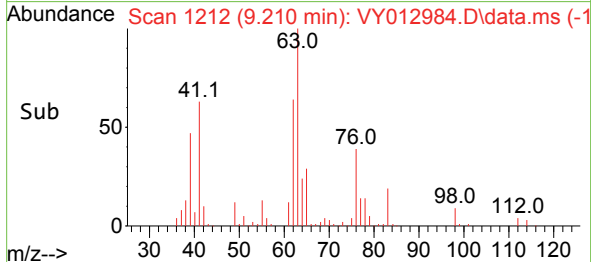
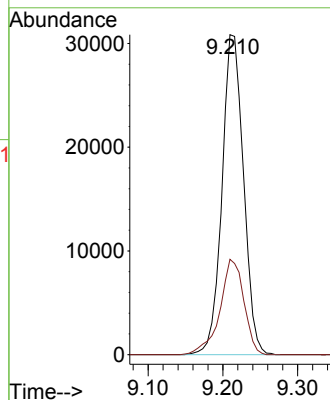
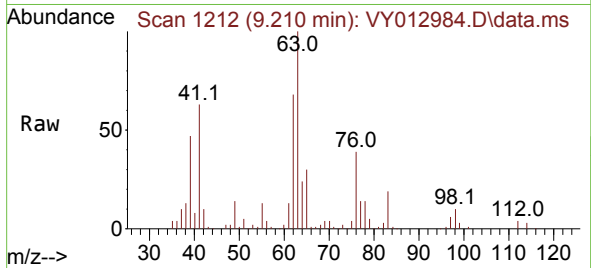




#45
1,2-Dichloropropane
Concen: 50.624 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

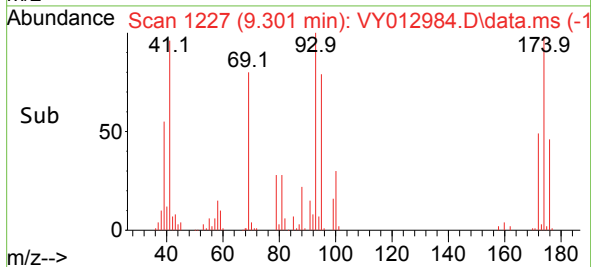
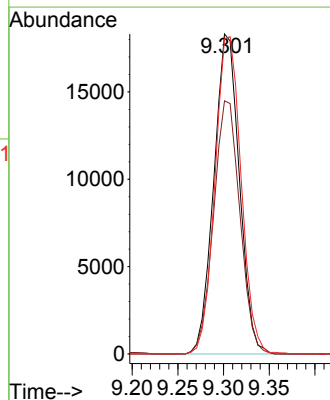
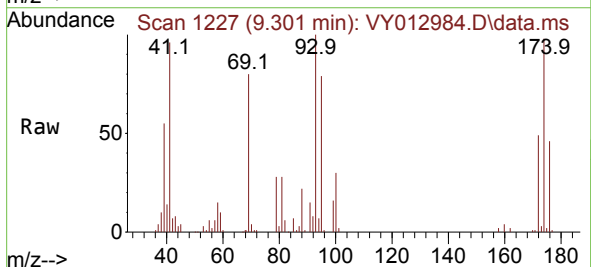
Instrument :
MSVOA_Y
ClientSampleId :

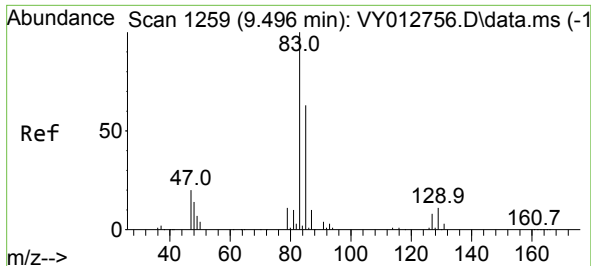
Tgt Ion: 63 Resp: 61740
Ion Ratio Lower Upper
63 100
65 29.8 25.7 38.5



#46
Dibromomethane
Concen: 51.130 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 93 Resp: 35525
Ion Ratio Lower Upper
93 100
95 81.6 65.6 98.4
174 101.6 81.3 121.9

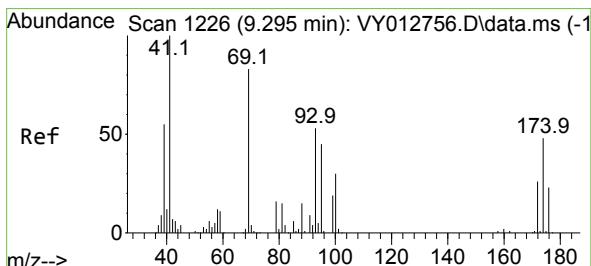
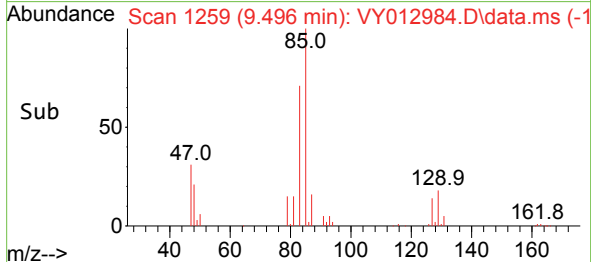
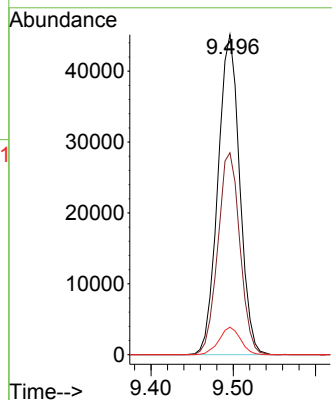
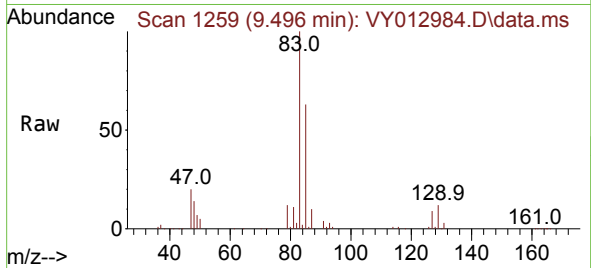




#47
Bromodichloromethane
Concen: 50.570 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

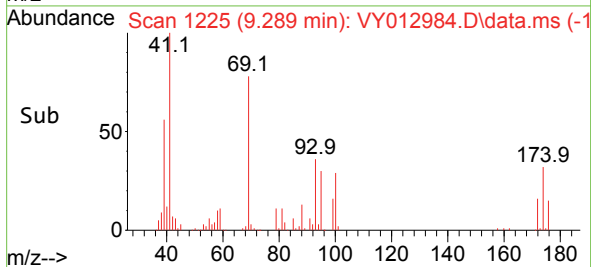
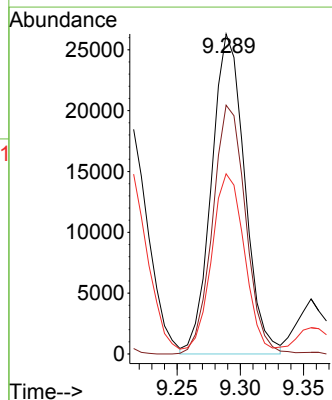
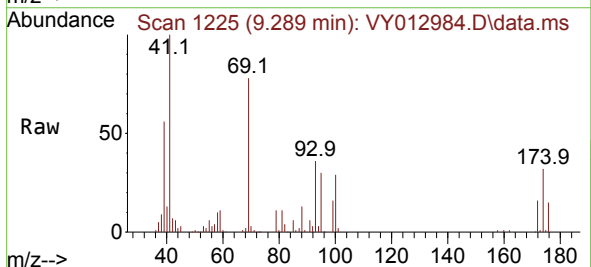
Instrument :
MSVOA_Y
ClientSampleId :

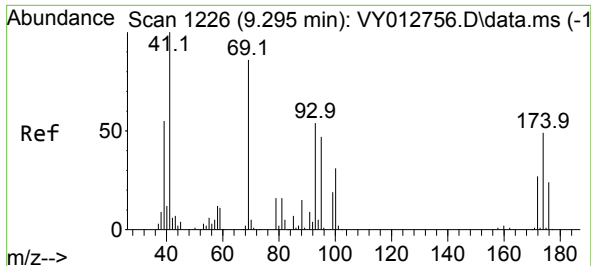
Tgt Ion: 83 Resp: 82798
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 54.227 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 41 Resp: 47933
Ion Ratio Lower Upper
41 100
69 77.8 64.1 96.1
39 53.4 44.0 66.0





#49

1,4-Dioxane

Concen: 1092.635 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

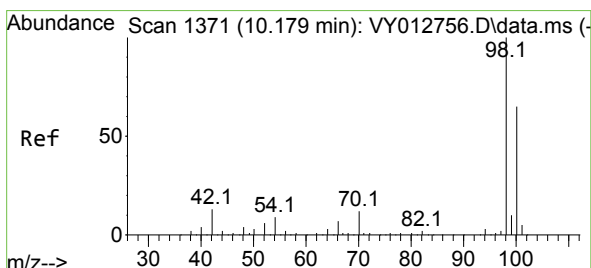
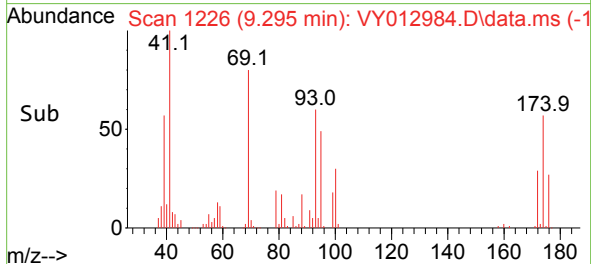
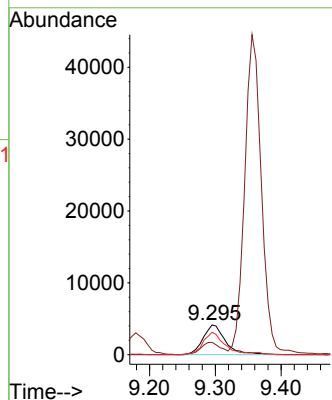
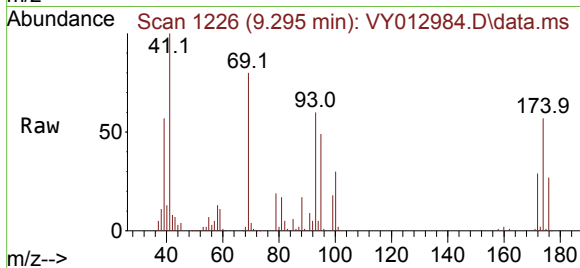
Tgt Ion: 88 Resp: 9814

Ion Ratio Lower Upper

88 100

43 37.3 28.6 42.8

58 75.7 55.2 82.8



#50

Toluene-d8

Concen: 42.875 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012984.D

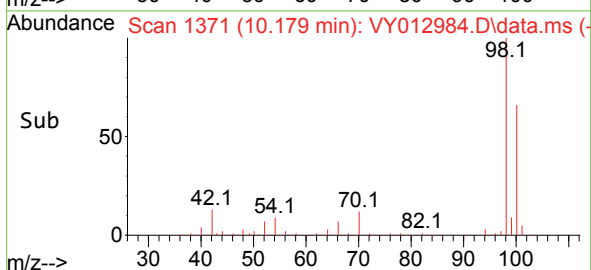
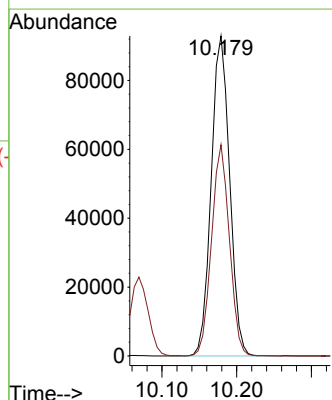
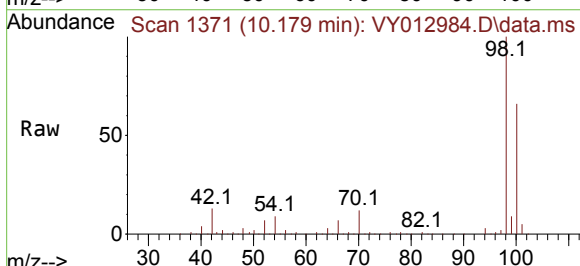
Acq: 17 Mar 2023 13:28

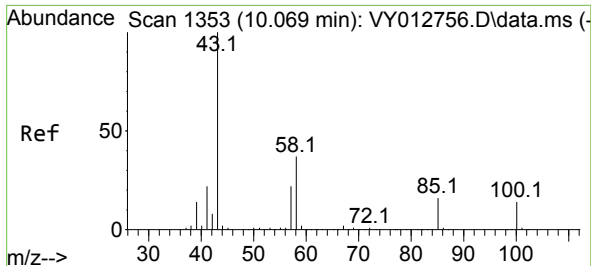
Tgt Ion: 98 Resp: 159565

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

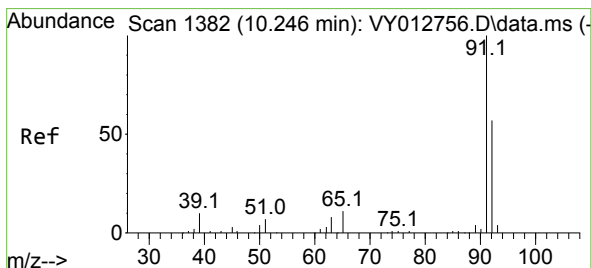
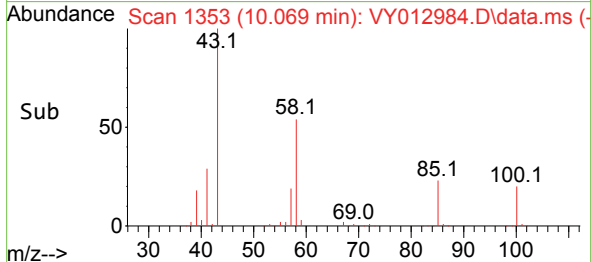
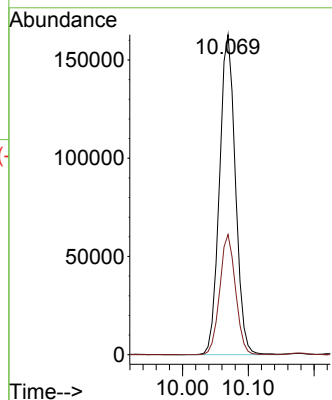
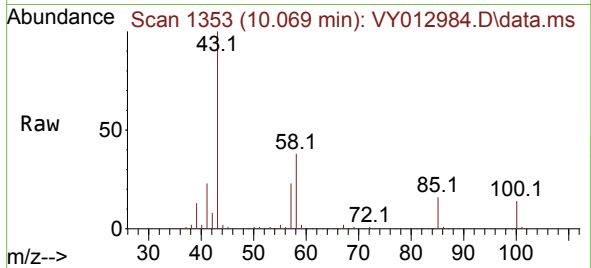




#51
4-Methyl-2-Pentanone
Concen: 264.148 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

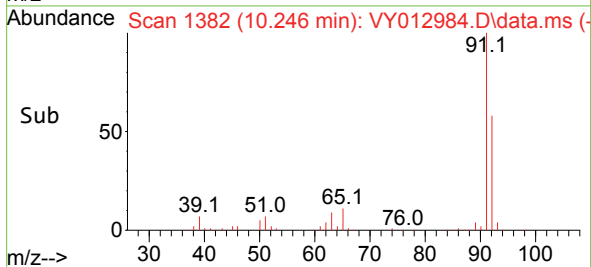
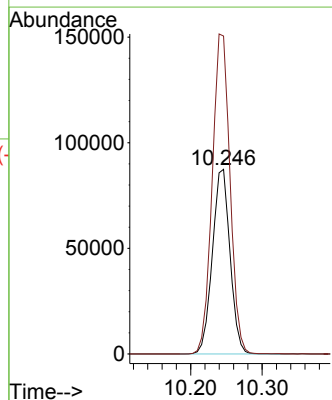
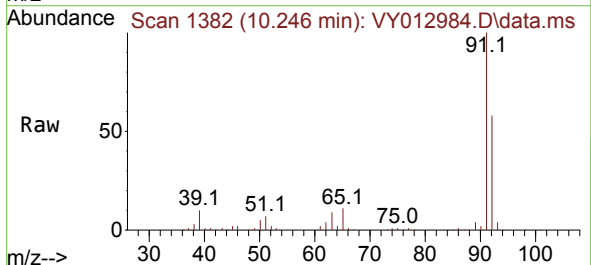
Instrument :
MSVOA_Y
ClientSampleId :

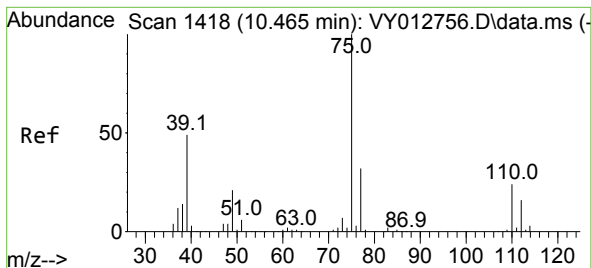
Tgt Ion: 43 Resp: 274868
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6



#52
Toluene
Concen: 51.402 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 92 Resp: 149594
Ion Ratio Lower Upper
92 100
91 174.8 141.3 211.9

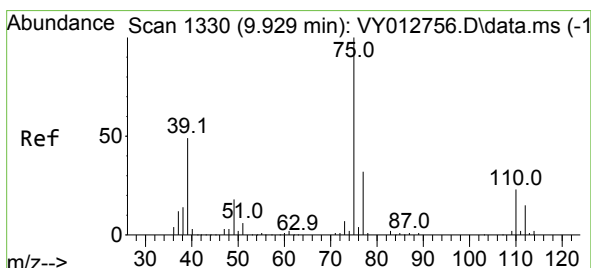
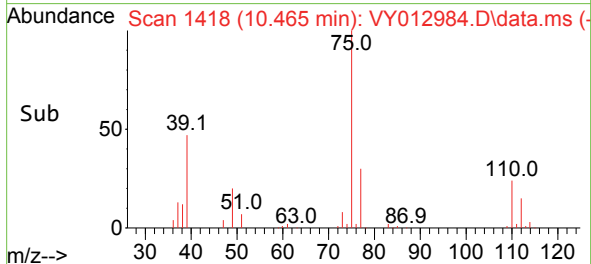
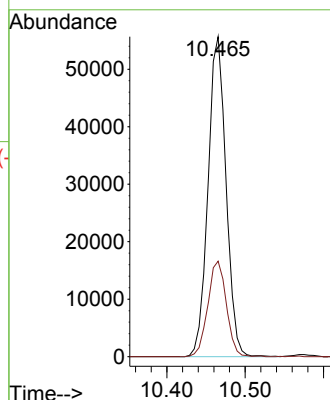
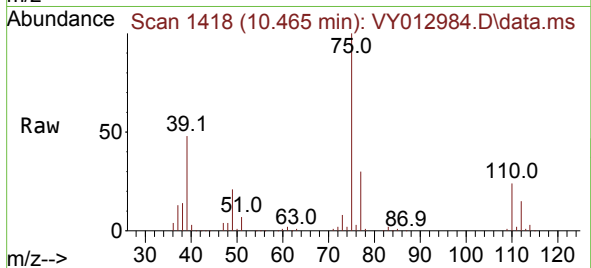




#53
 t-1,3-Dichloropropene
 Concen: 51.685 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

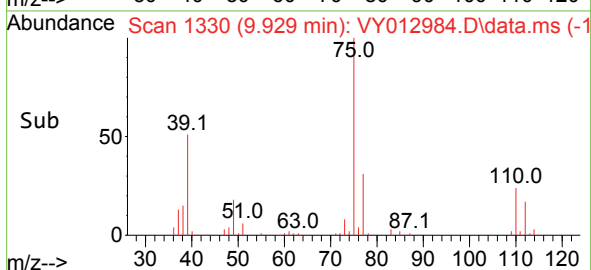
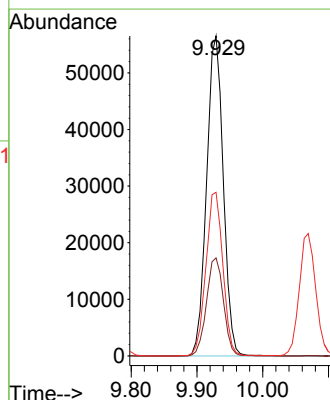
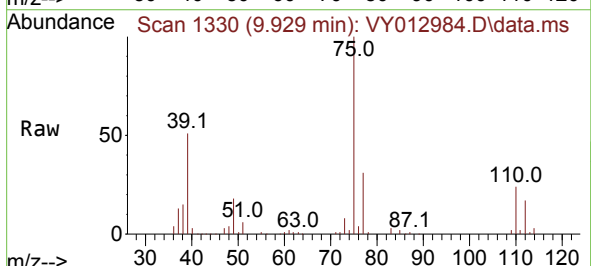
Instrument :
 MSVOA_Y
 ClientSampleId :

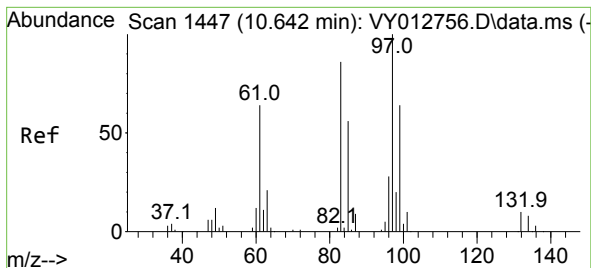
Tgt Ion: 75 Resp: 88762
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.228 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012984.D
 Acq: 17 Mar 2023 13:28

Tgt Ion: 75 Resp: 99580
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 51.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 49.324 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 47726

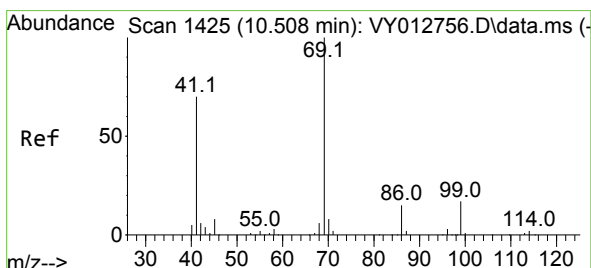
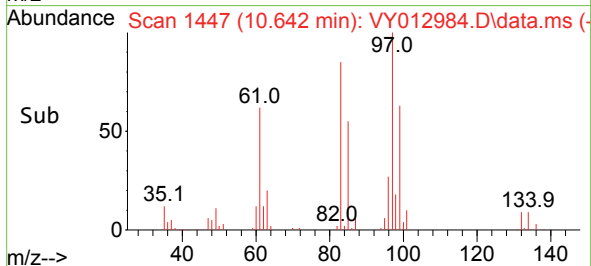
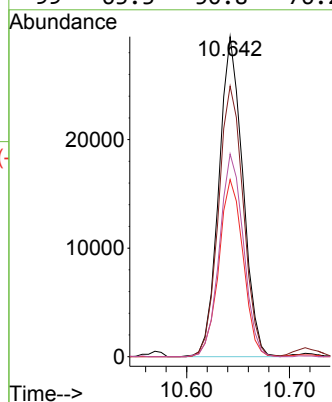
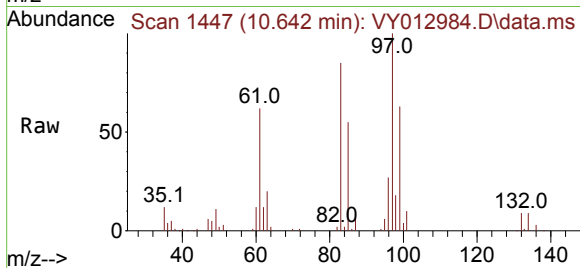
Ion Ratio Lower Upper

97 100

83 84.6 69.0 103.6

85 55.3 44.9 67.3

99 63.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 53.008 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

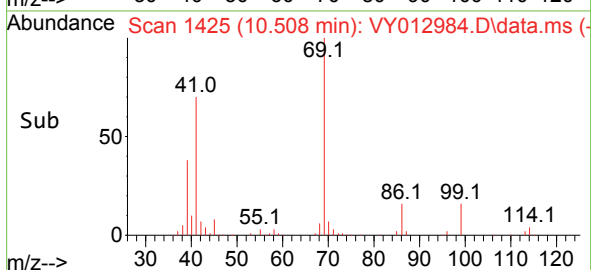
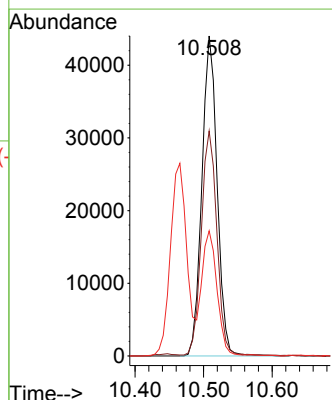
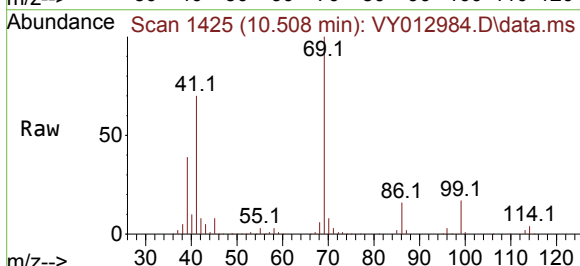
Tgt Ion: 69 Resp: 68391

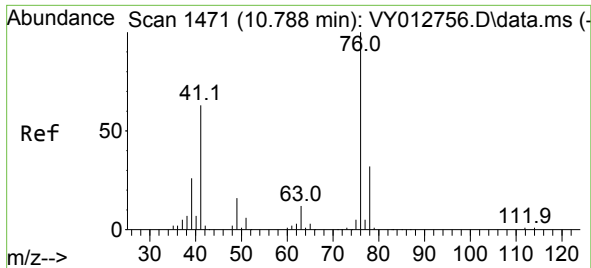
Ion Ratio Lower Upper

69 100

41 71.2 56.4 84.6

39 37.5 30.8 46.2

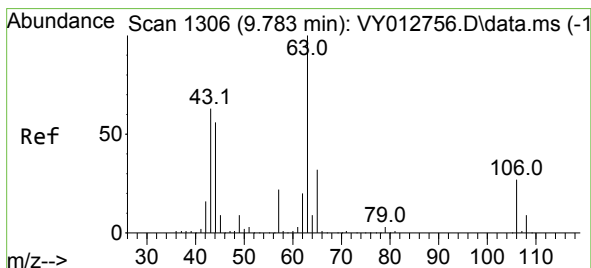
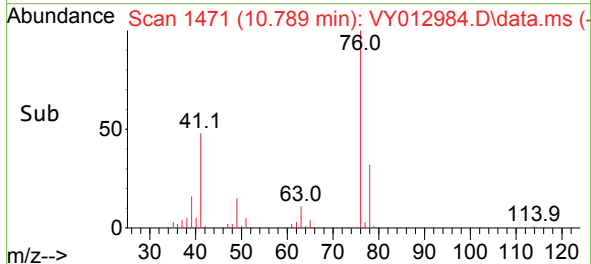
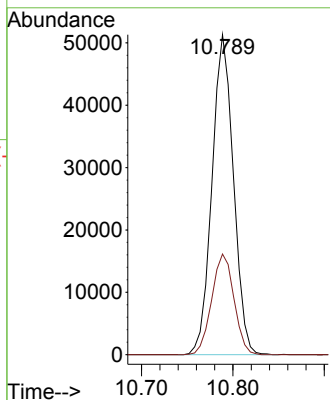
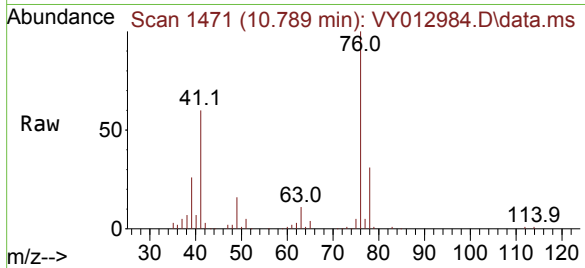




#57
1,3-Dichloropropane
Concen: 50.652 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

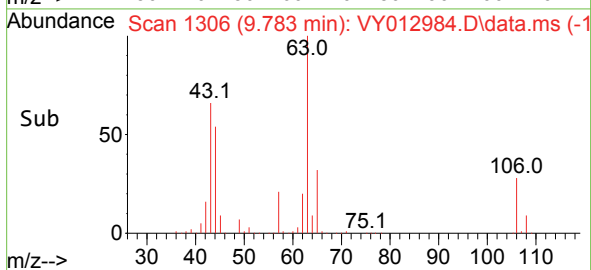
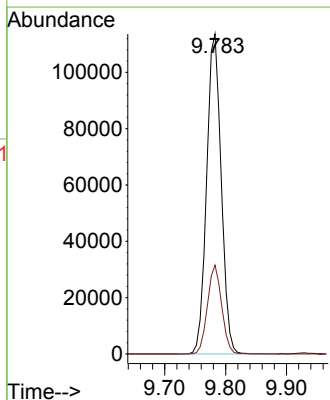
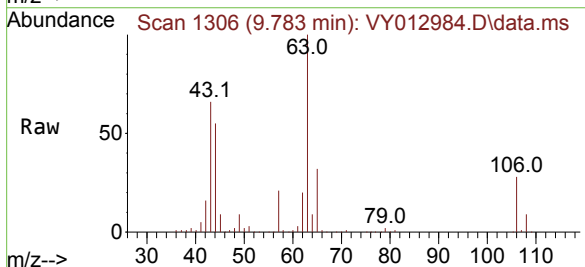
Instrument :
MSVOA_Y
ClientSampleId :

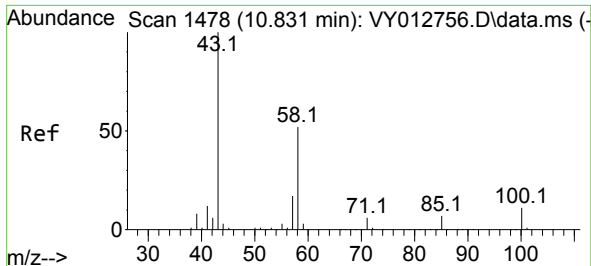
Tgt Ion: 76 Resp: 83478
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 278.724 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 63 Resp: 188780
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1

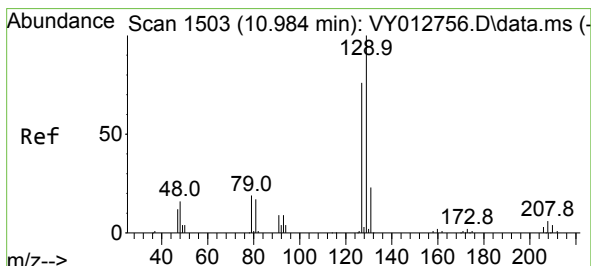
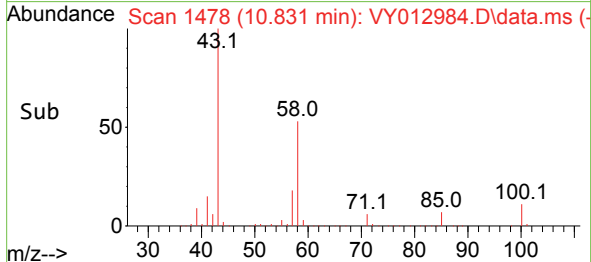
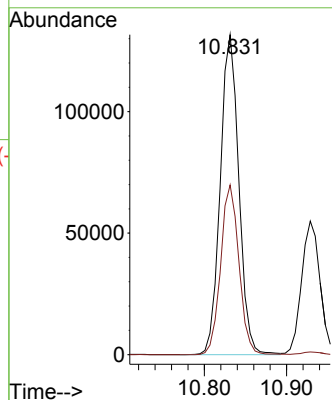
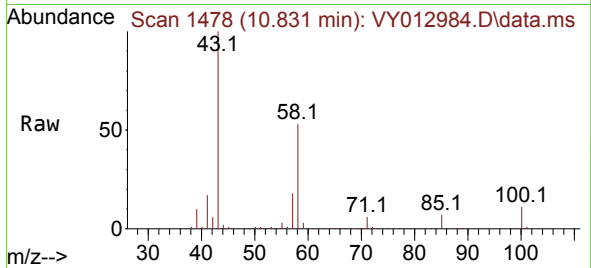




#59
2-Hexanone
Concen: 273.209 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

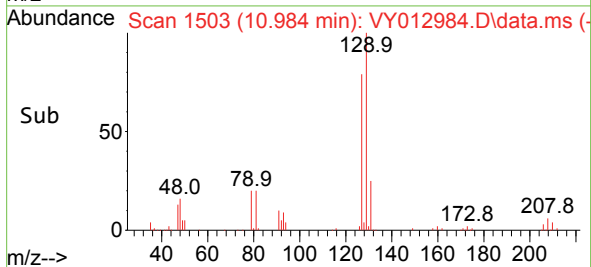
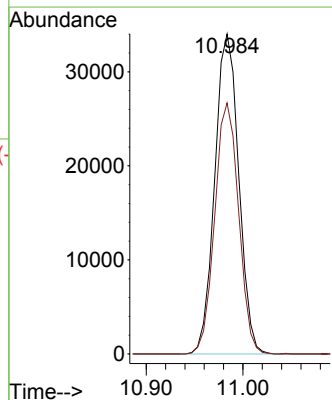
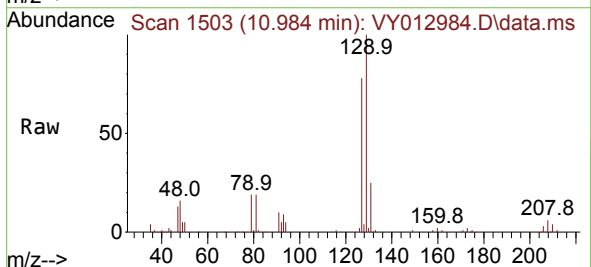
Instrument :
MSVOA_Y
ClientSampleId :

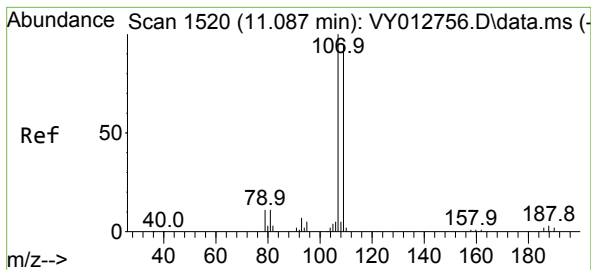
Tgt Ion: 43 Resp: 206622
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.8



#60
Dibromochloromethane
Concen: 49.680 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion: 129 Resp: 58515
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.234 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

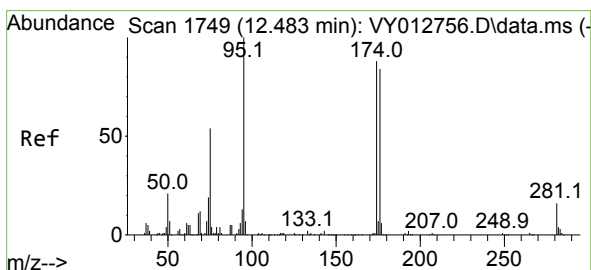
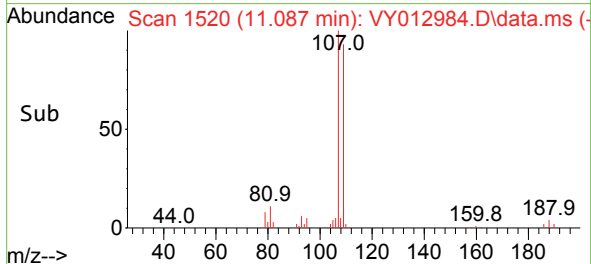
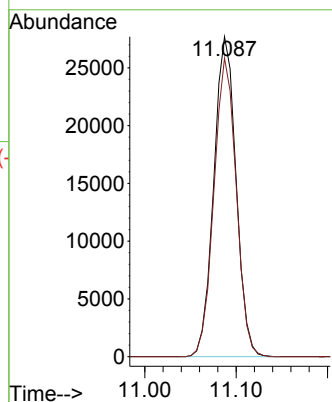
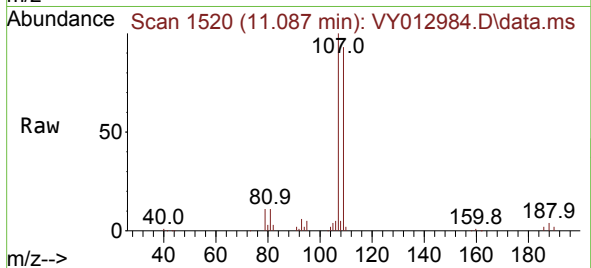
ClientSampleId :

Tgt Ion:107 Resp: 46822

Ion Ratio Lower Upper

107 100

109 93.5 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 47.675 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

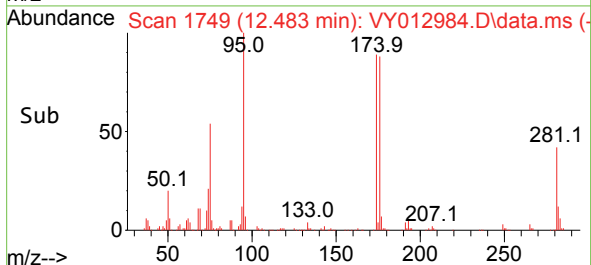
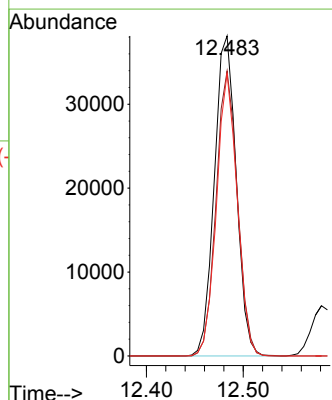
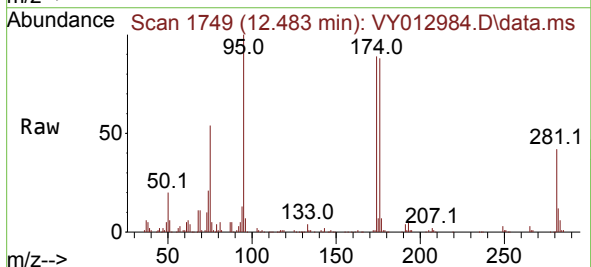
Tgt Ion: 95 Resp: 59886

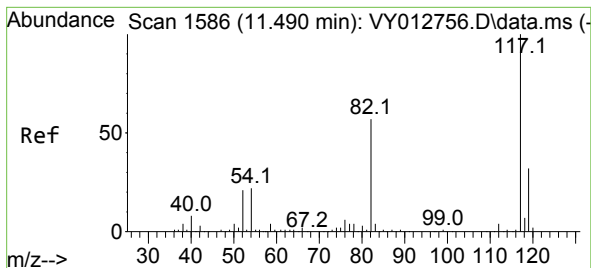
Ion Ratio Lower Upper

95 100

174 87.1 0.0 176.6

176 83.7 0.0 170.2

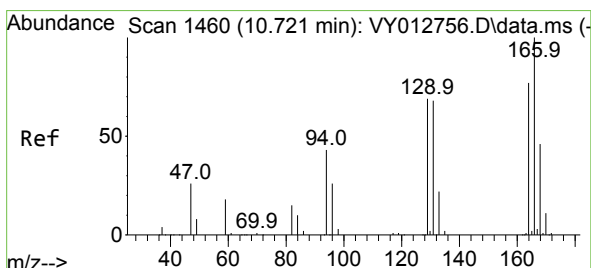
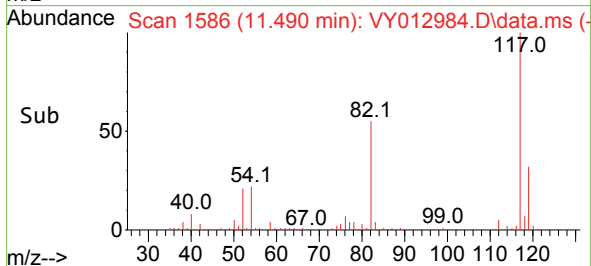
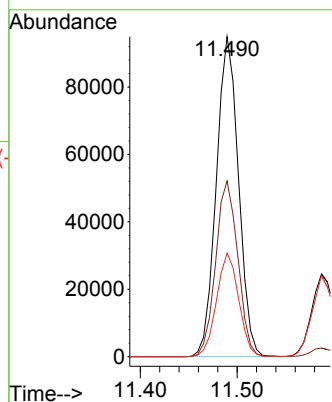
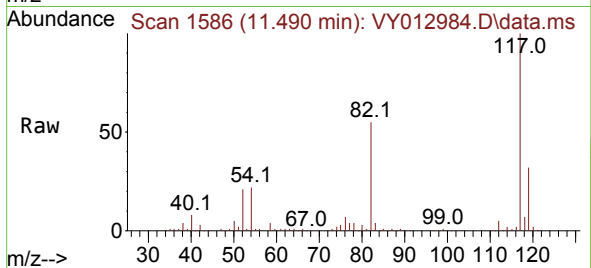




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

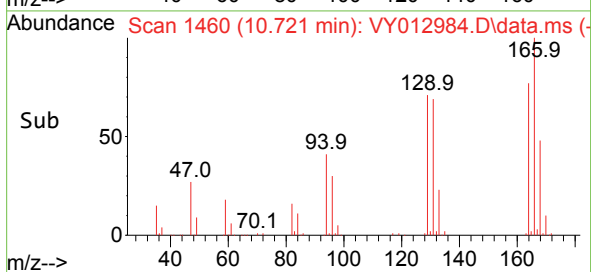
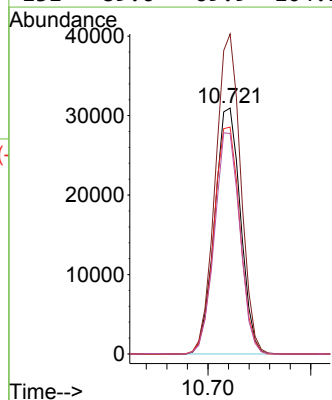
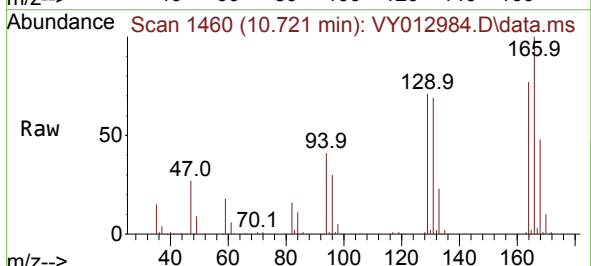
Instrument :
MSVOA_Y
ClientSampleId :

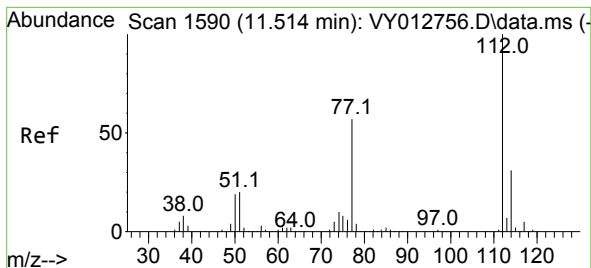
Tgt Ion:117 Resp: 151118
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 49.205 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion:164 Resp: 54138
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.2
129 92.2 71.4 107.2
131 89.6 69.9 104.9

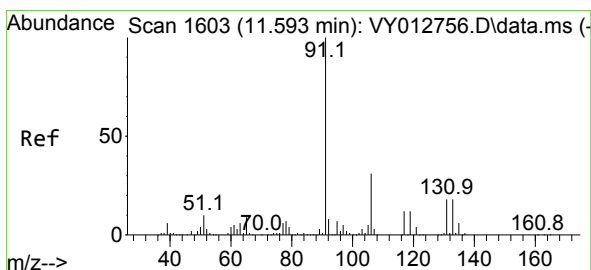
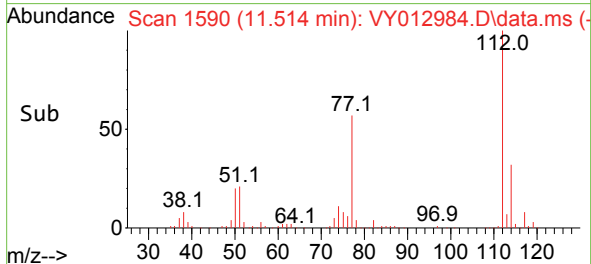
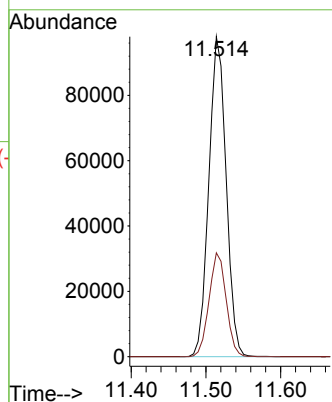
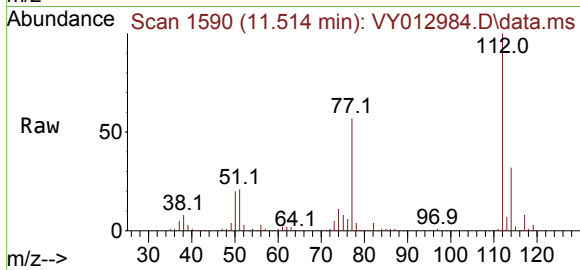




#65
Chlorobenzene
Concen: 49.634 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

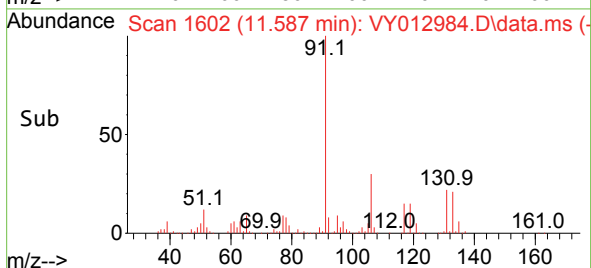
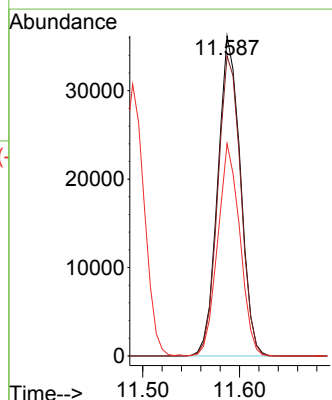
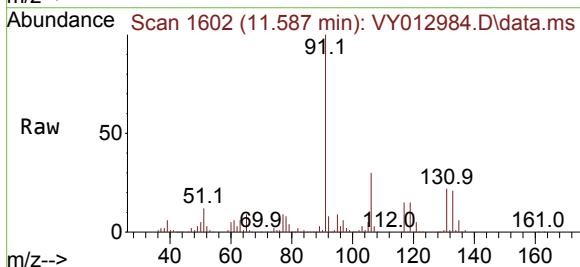
Instrument :
MSVOA_Y
ClientSampleId :

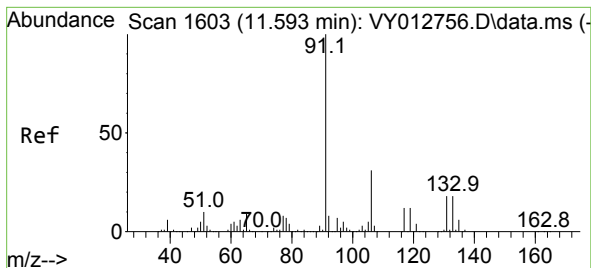
Tgt Ion:112 Resp: 157420
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.929 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion:131 Resp: 58596
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 50.986 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

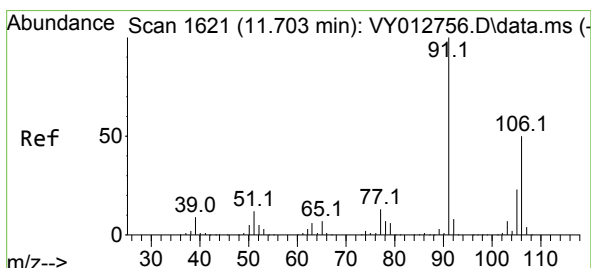
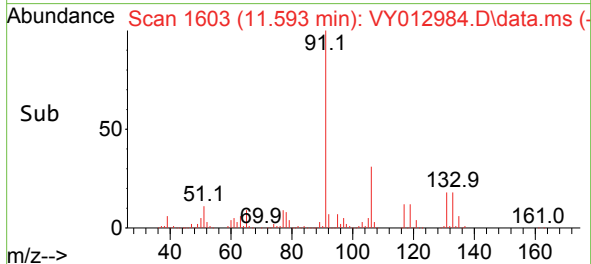
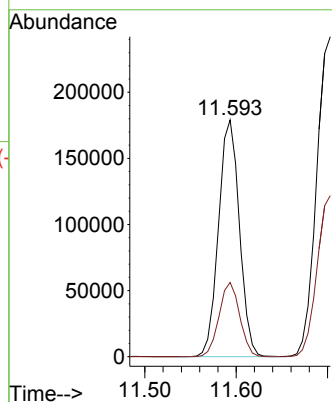
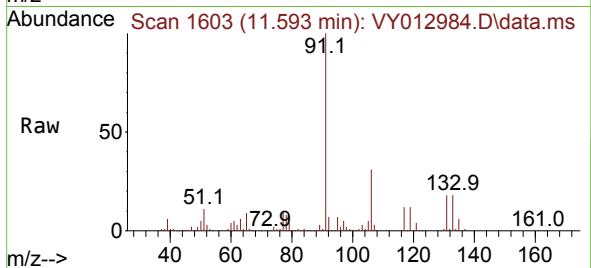
ClientSampleId :

Tgt Ion: 91 Resp: 284308

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 101.148 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012984.D

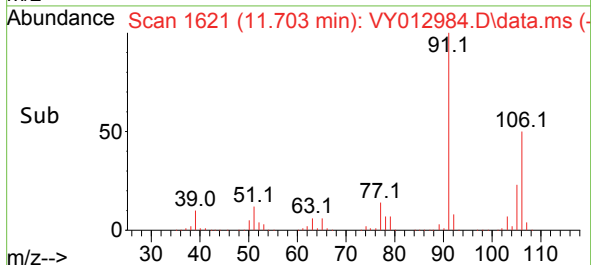
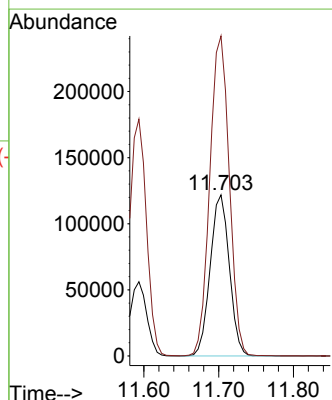
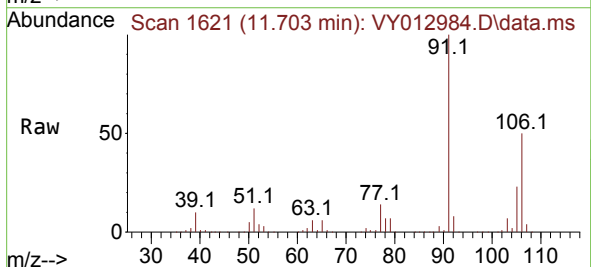
Acq: 17 Mar 2023 13:28

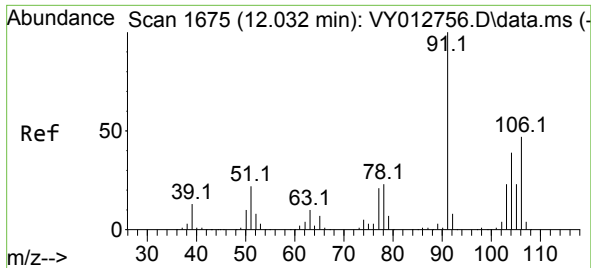
Tgt Ion:106 Resp: 216975

Ion Ratio Lower Upper

106 100

91 202.6 159.8 239.8

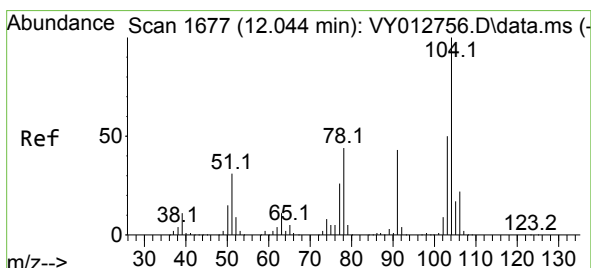
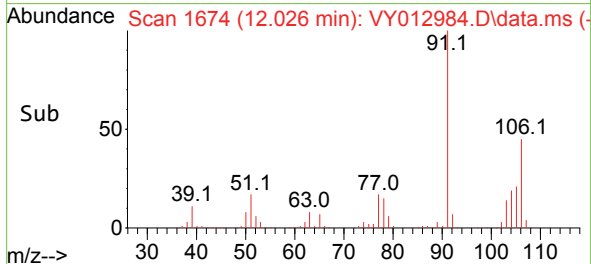
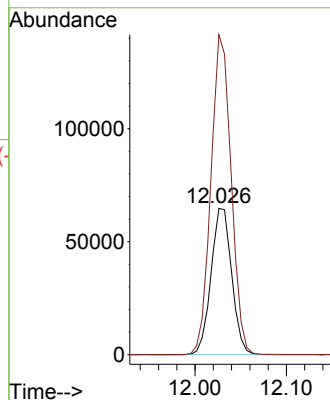
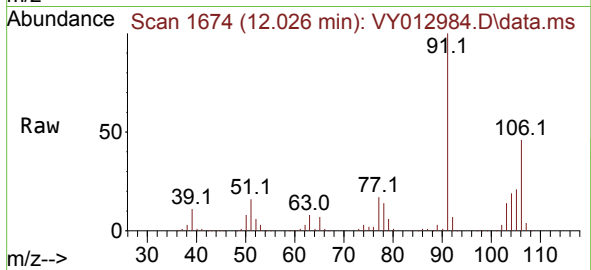




#69
o-Xylene
Concen: 50.777 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

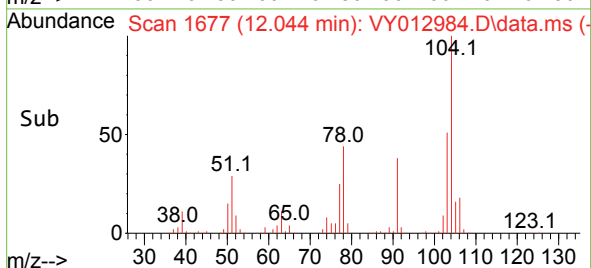
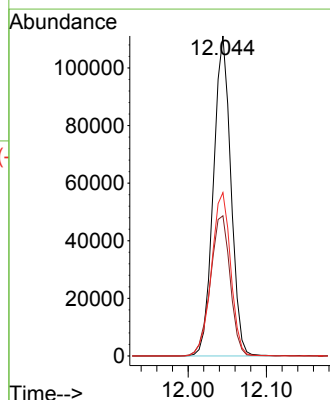
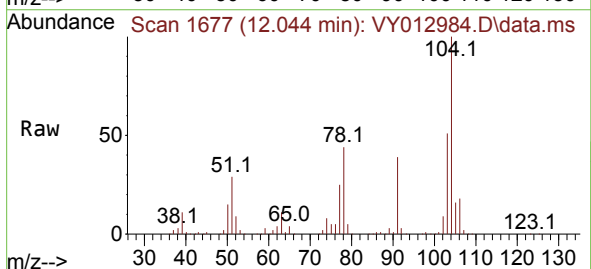
Instrument :
MSVOA_Y
ClientSampleId :

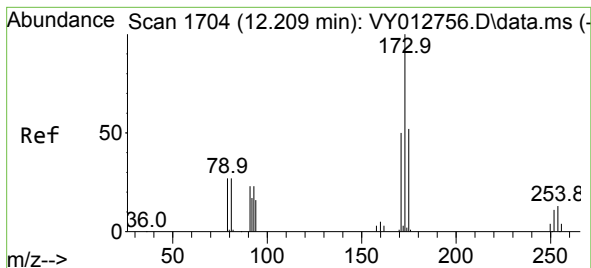
Tgt Ion:106 Resp: 101657
Ion Ratio Lower Upper
106 100
91 214.4 107.2 321.6



#70
Styrene
Concen: 51.480 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion:104 Resp: 171991
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 56.1 43.7 65.5





#71

Bromoform

Concen: 50.034 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

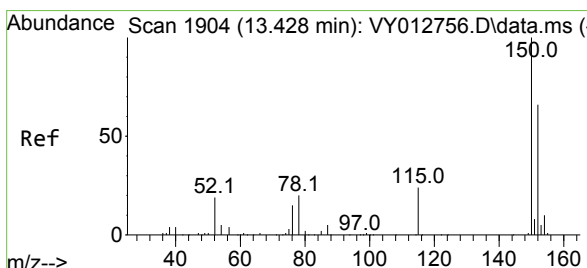
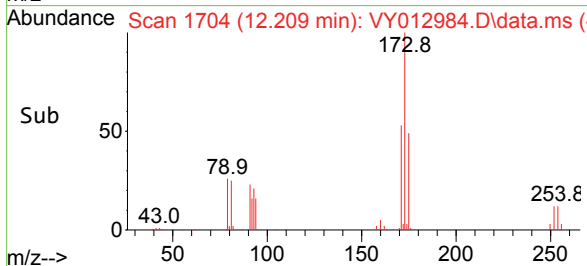
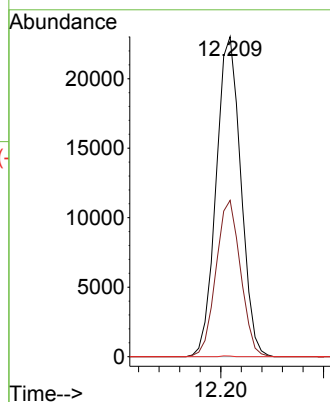
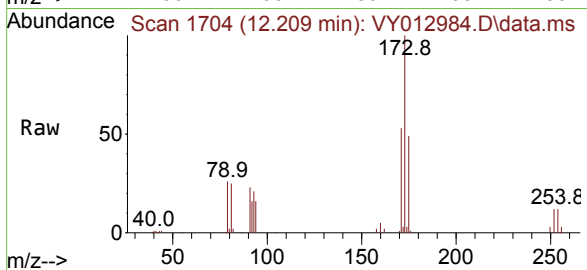
Tgt Ion:173 Resp: 38285

Ion Ratio Lower Upper

173 100

175 48.6 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

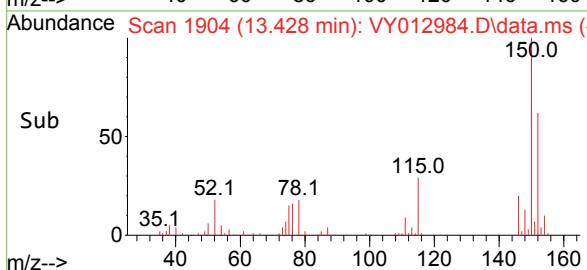
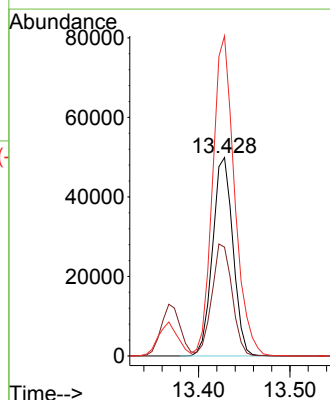
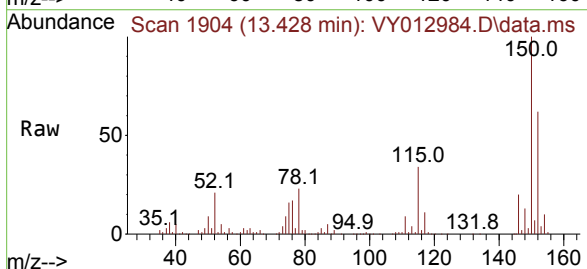
Tgt Ion:152 Resp: 77453

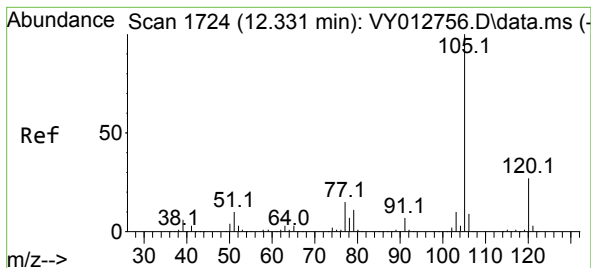
Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 173.5 0.0 347.8





#73

Isopropylbenzene

Concen: 48.693 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

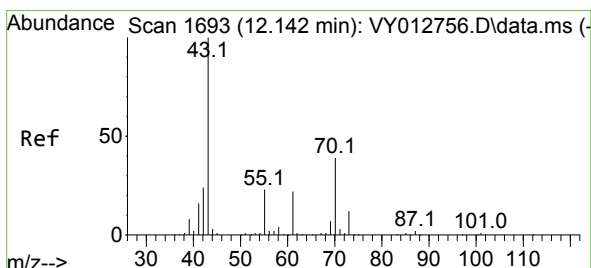
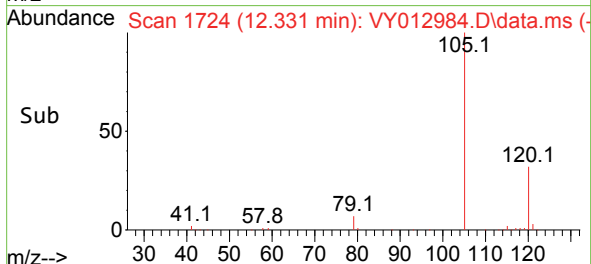
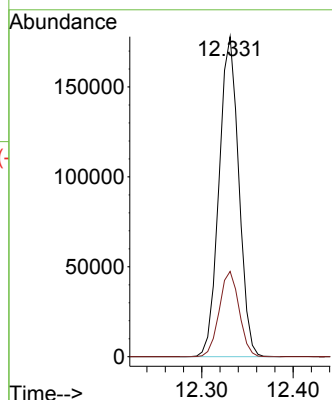
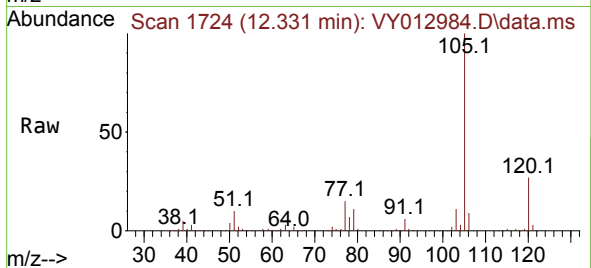
ClientSampleId :

Tgt Ion:105 Resp: 267281

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 50.525 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Tgt Ion: 43 Resp: 87262

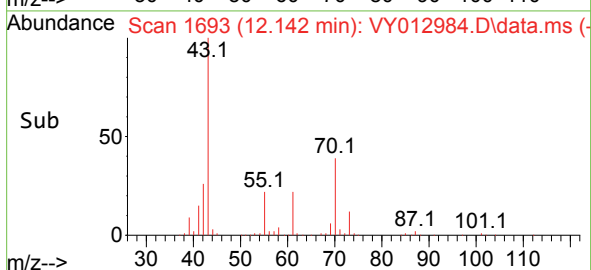
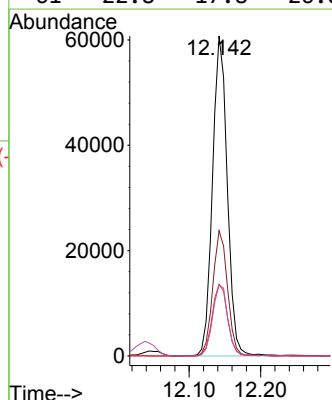
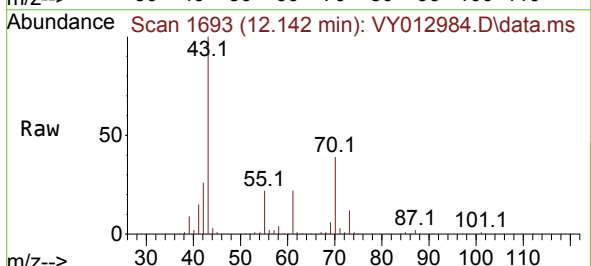
Ion Ratio Lower Upper

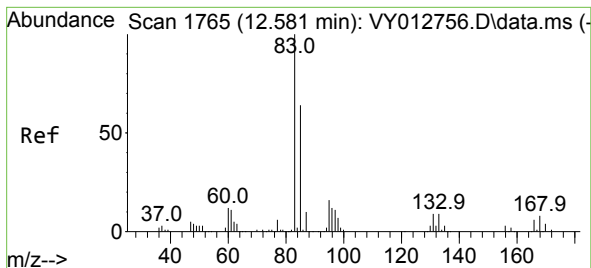
43 100

70 39.2 31.6 47.4

55 23.5 18.8 28.2

61 22.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.588 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

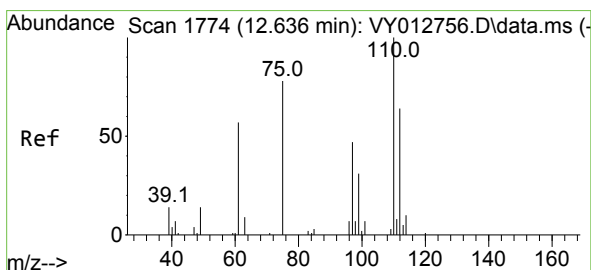
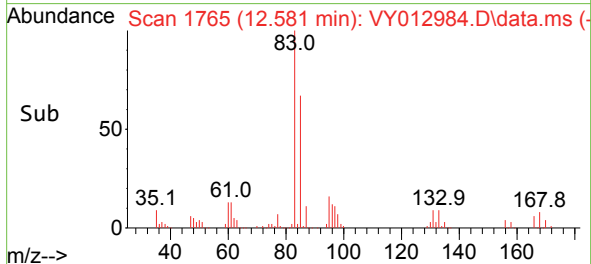
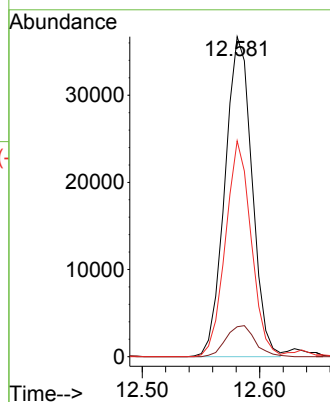
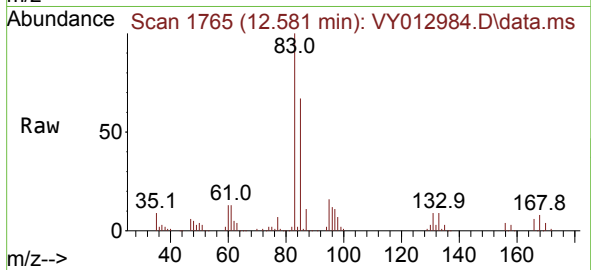
Tgt Ion: 83 Resp: 58720

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 64.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 83.517 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012984.D

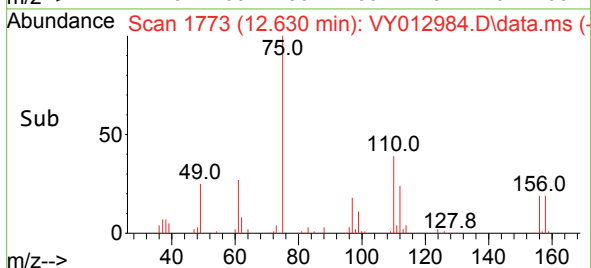
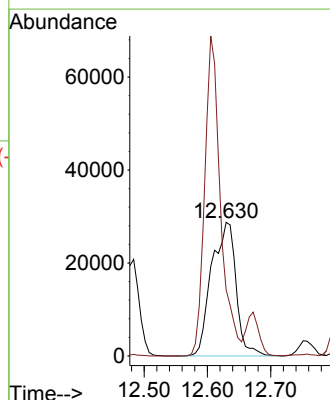
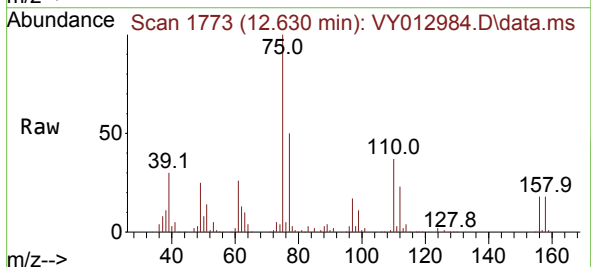
Acq: 17 Mar 2023 13:28

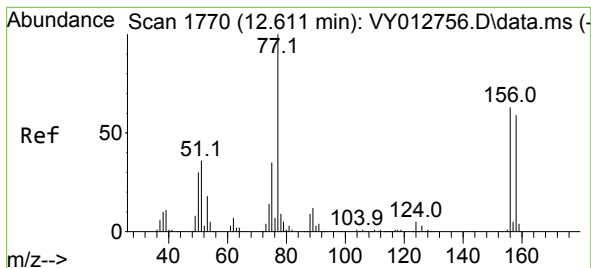
Tgt Ion: 75 Resp: 77246

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.677 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

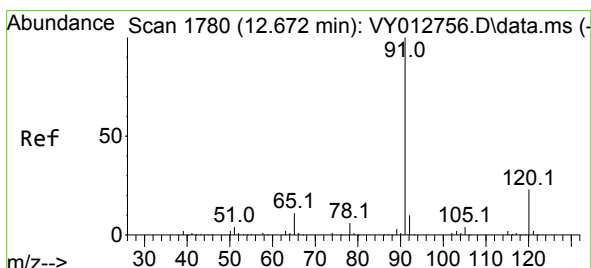
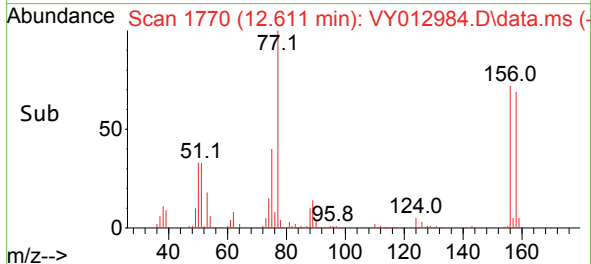
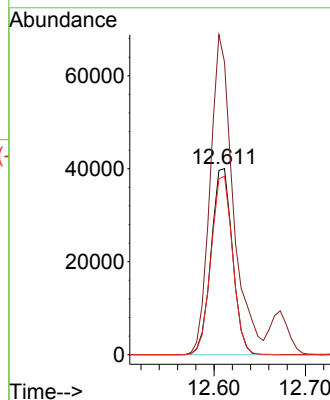
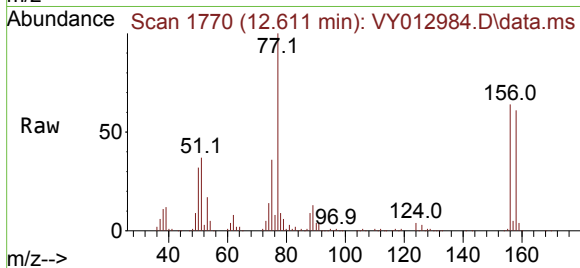
Tgt Ion:156 Resp: 64911

Ion Ratio Lower Upper

156 100

77 185.6 94.0 282.1

158 96.6 48.1 144.4



#78

n-propylbenzene

Concen: 49.532 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012984.D

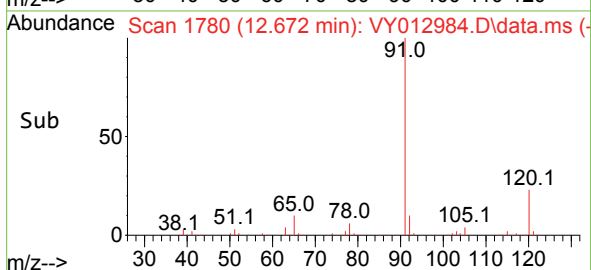
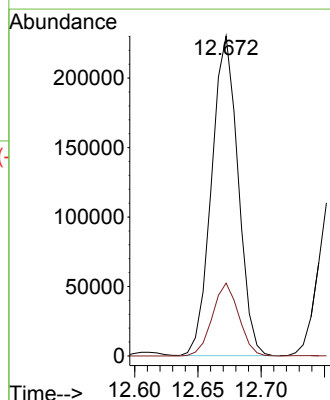
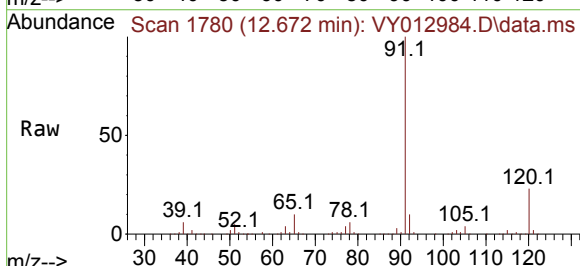
Acq: 17 Mar 2023 13:28

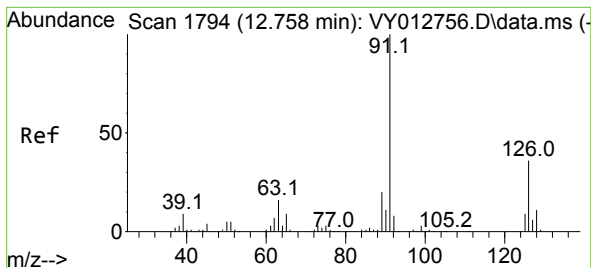
Tgt Ion: 91 Resp: 335208

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.068 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

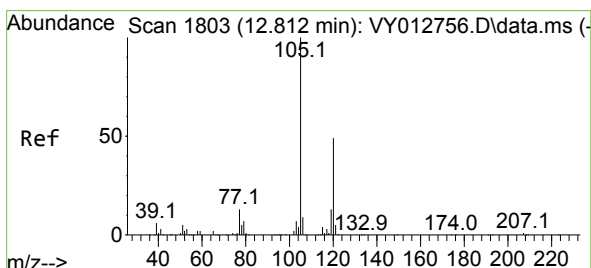
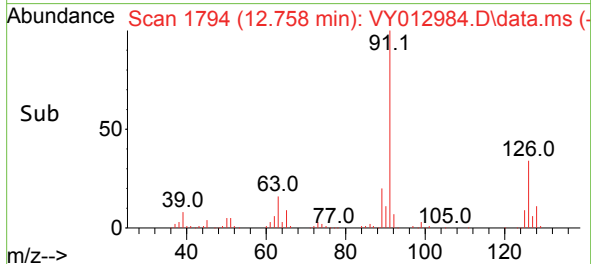
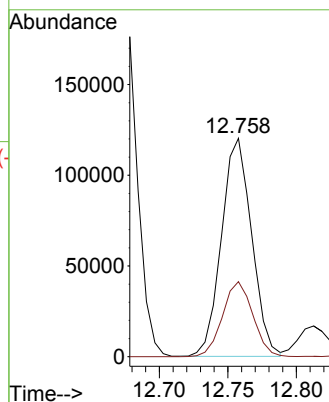
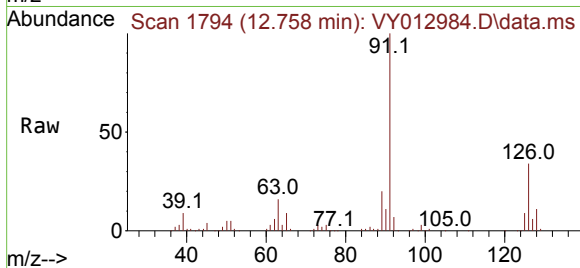
ClientSampleId :

Tgt Ion: 91 Resp: 184559

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.759 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012984.D

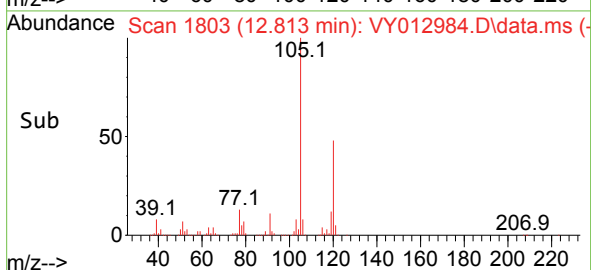
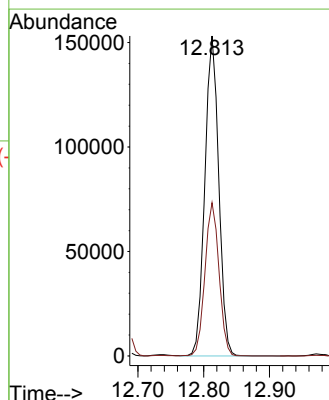
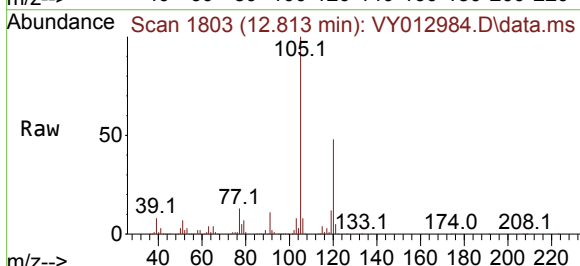
Acq: 17 Mar 2023 13:28

Tgt Ion:105 Resp: 225409

Ion Ratio Lower Upper

105 100

120 48.4 24.8 74.4

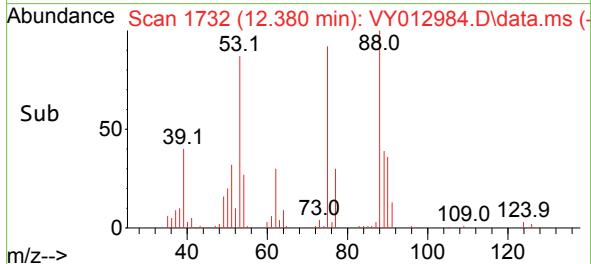
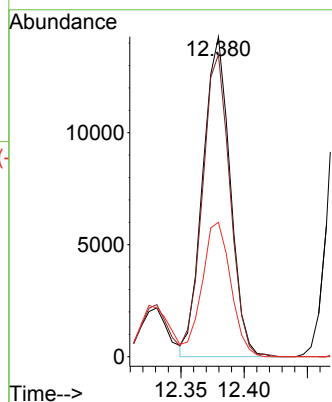
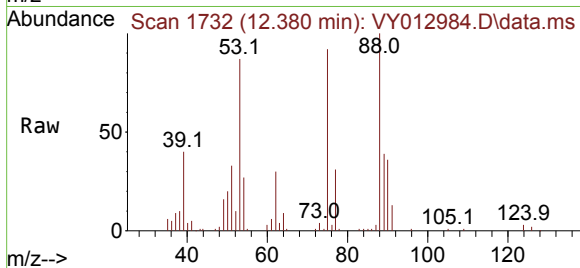




#81
trans-1,4-Dichloro-2-butene
Concen: 48.096 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

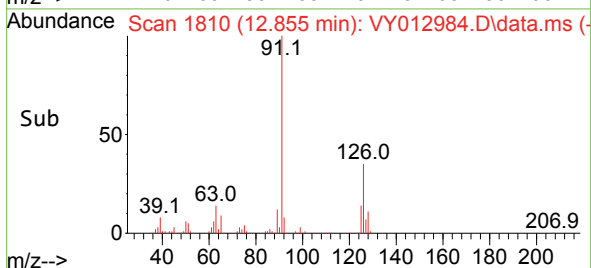
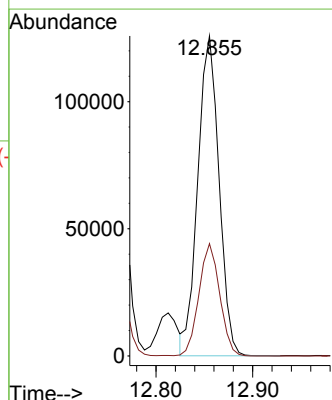
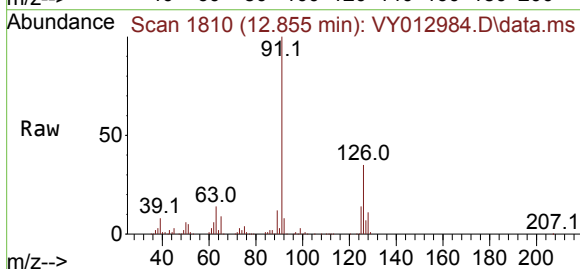
Instrument :
MSVOA_Y
ClientSampleId :

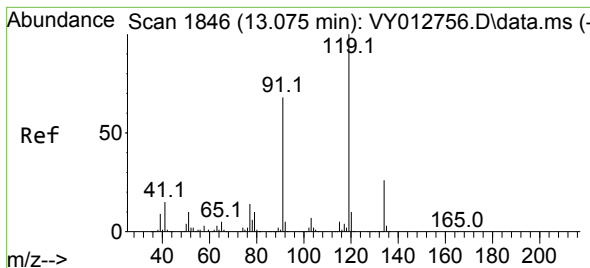
Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.2	73.4	110.0
89	44.3	36.6	55.0



#82
4-Chlorotoluene
Concen: 49.204 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012984.D
Acq: 17 Mar 2023 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.7	53.1





#83

tert-Butylbenzene

Concen: 49.268 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

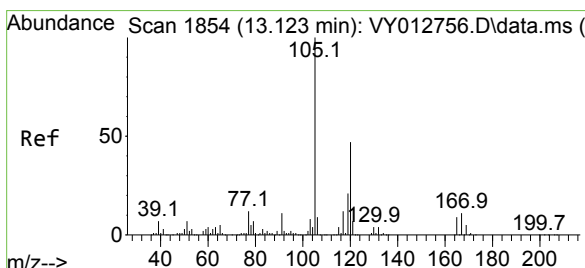
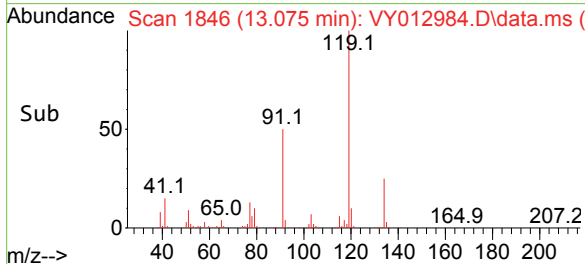
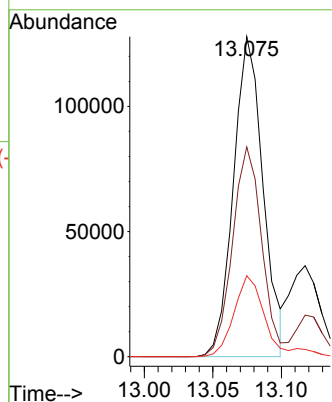
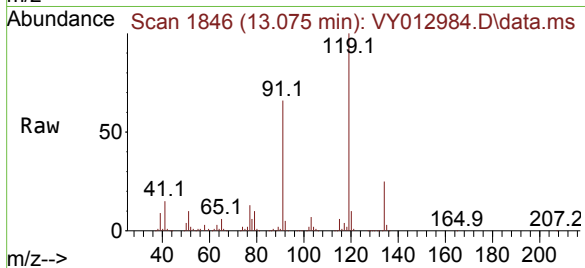
Tgt Ion:119 Resp: 192635

Ion Ratio Lower Upper

119 100

91 64.3 32.8 98.3

134 27.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.854 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012984.D

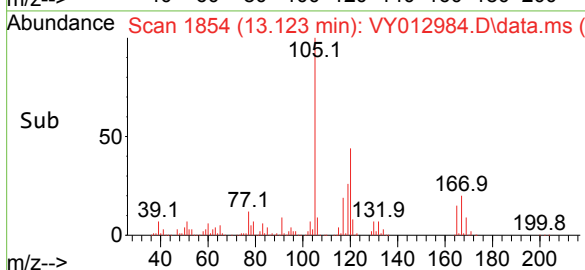
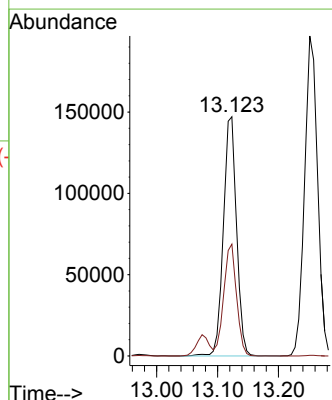
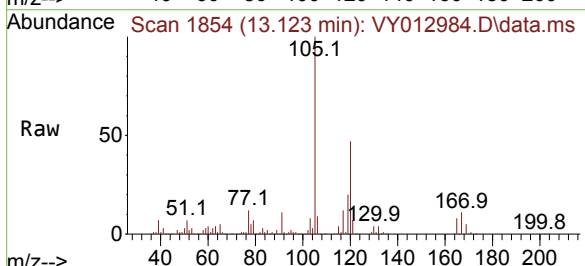
Acq: 17 Mar 2023 13:28

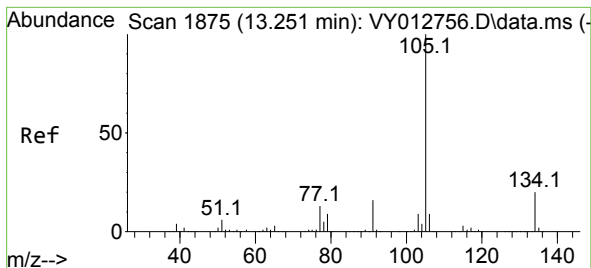
Tgt Ion:105 Resp: 220838

Ion Ratio Lower Upper

105 100

120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.916 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

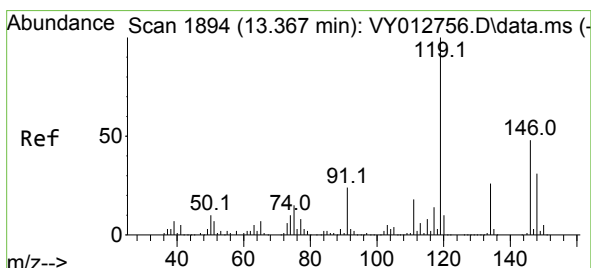
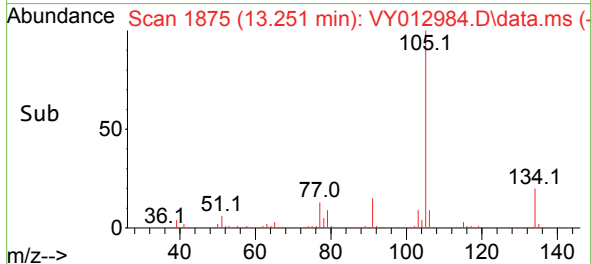
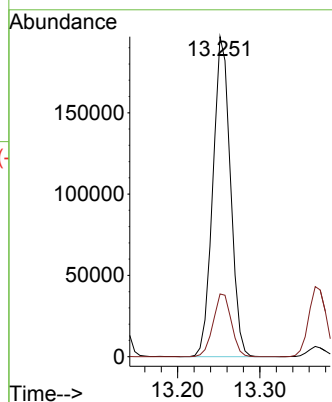
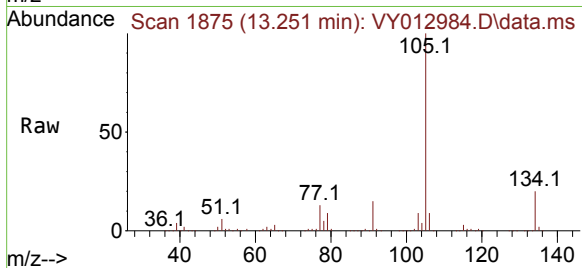
ClientSampleId :

Tgt Ion:105 Resp: 291775

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 49.480 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

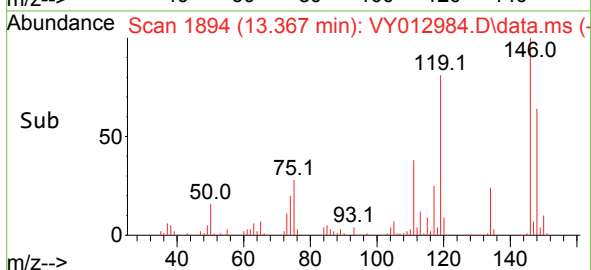
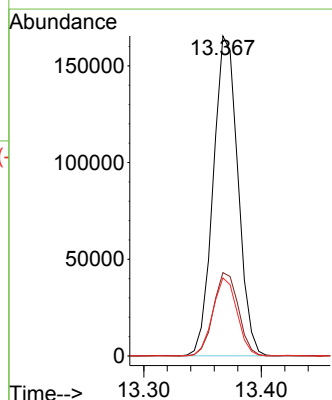
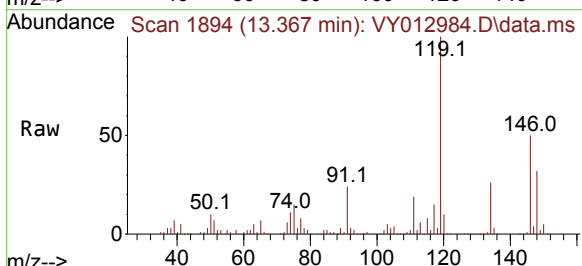
Tgt Ion:119 Resp: 241217

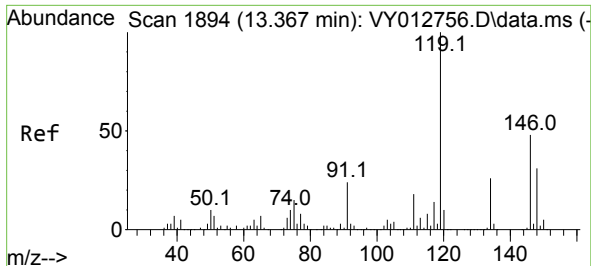
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.375 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

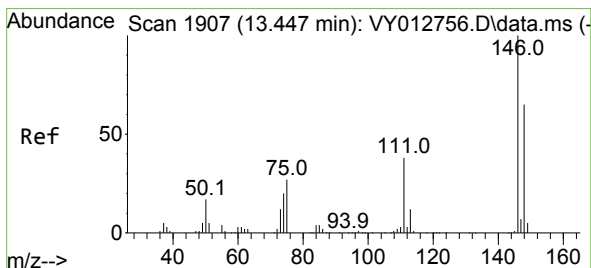
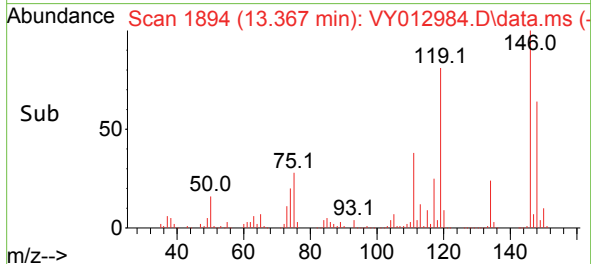
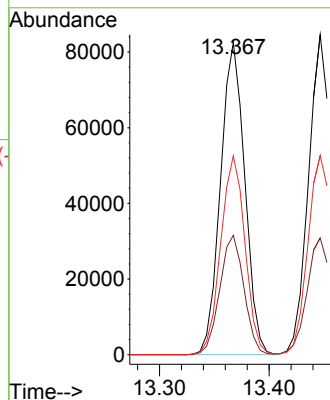
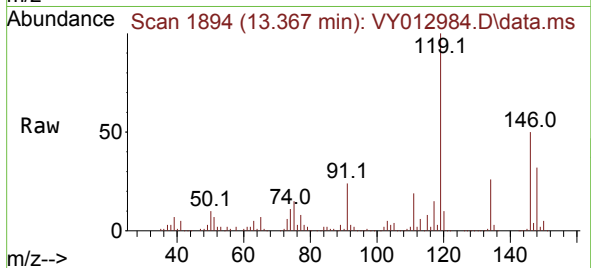
Tgt Ion:146 Resp: 126986

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.881 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

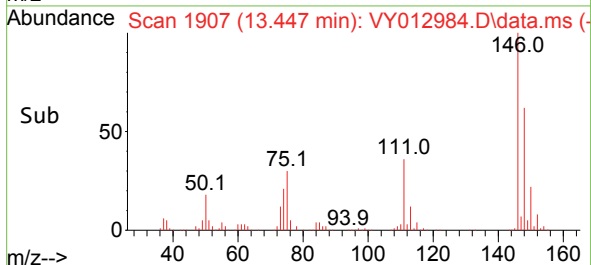
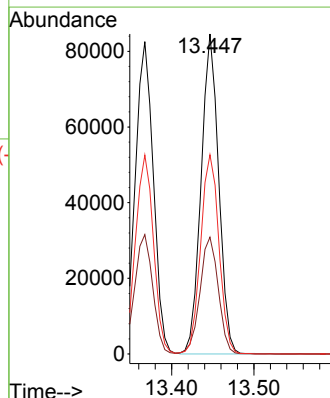
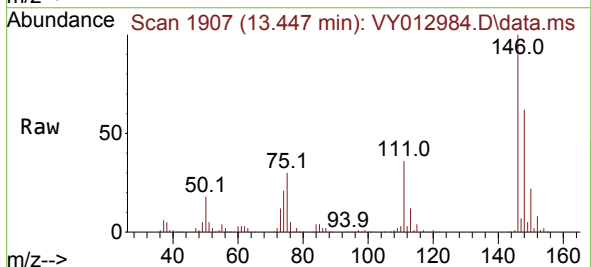
Tgt Ion:146 Resp: 125682

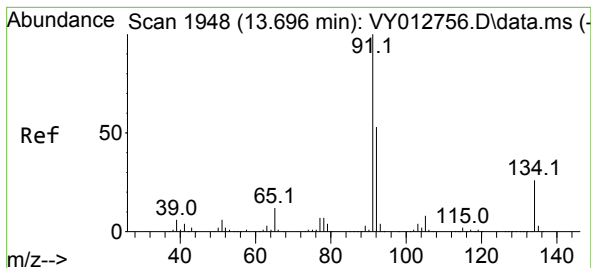
Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 49.130 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

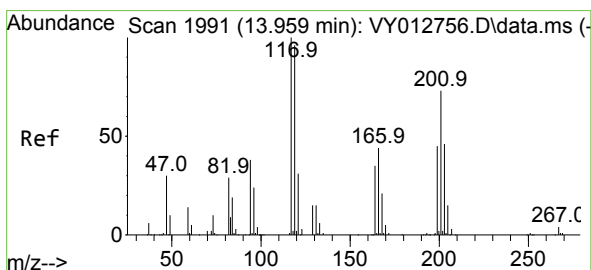
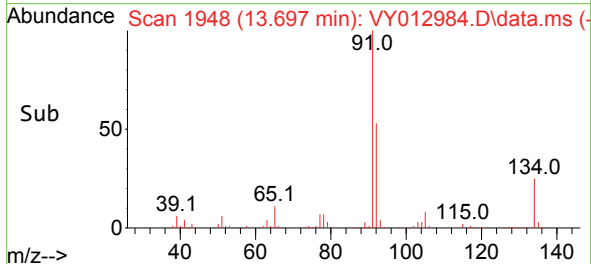
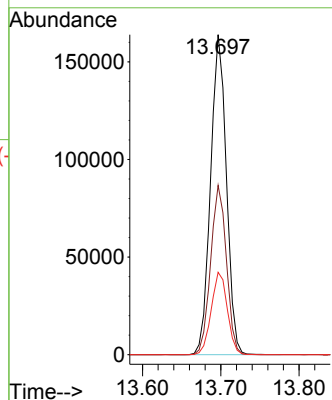
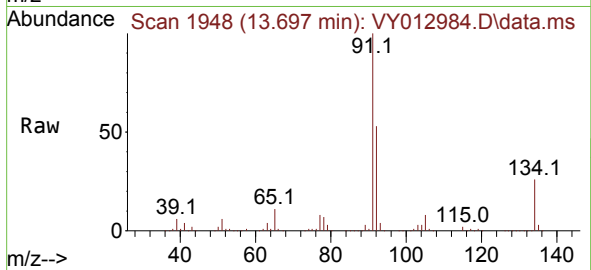
Tgt Ion: 91 Resp: 229286

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 48.034 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012984.D

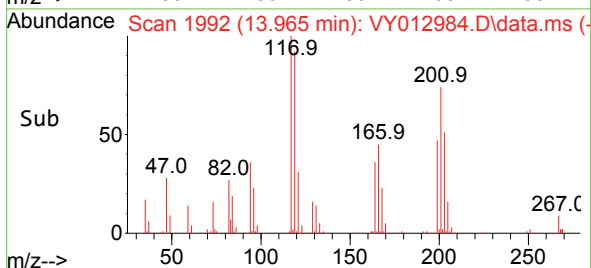
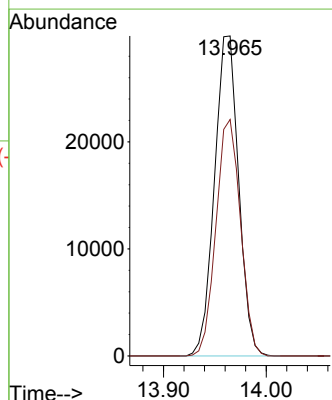
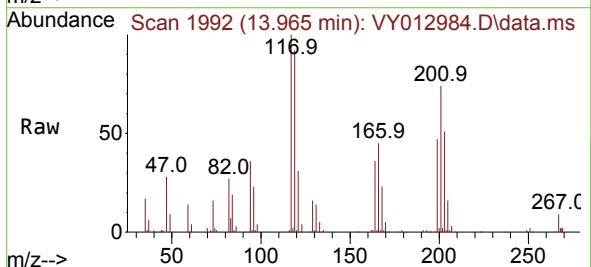
Acq: 17 Mar 2023 13:28

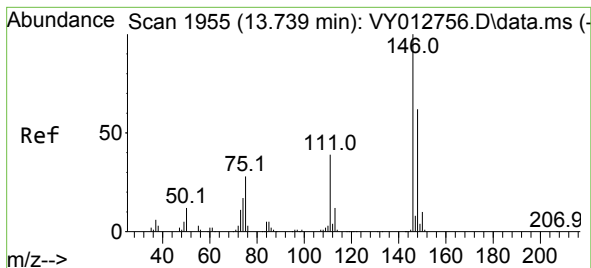
Tgt Ion: 117 Resp: 48772

Ion Ratio Lower Upper

117 100

201 74.9 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 48.874 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

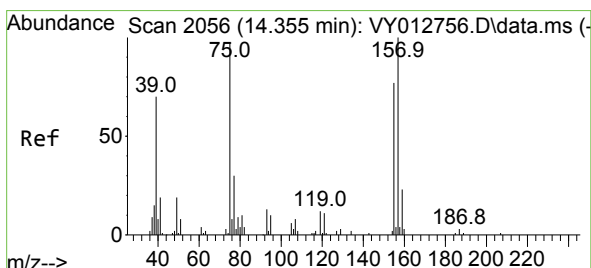
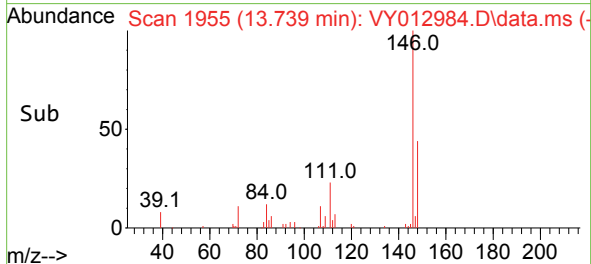
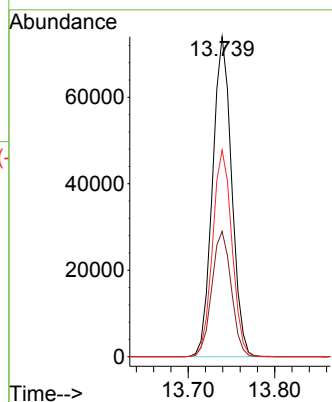
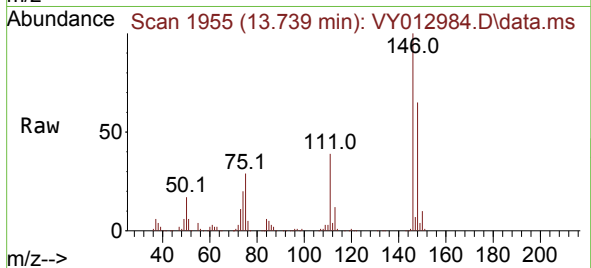
Tgt Ion:146 Resp: 113626

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.1

148 65.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.662 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

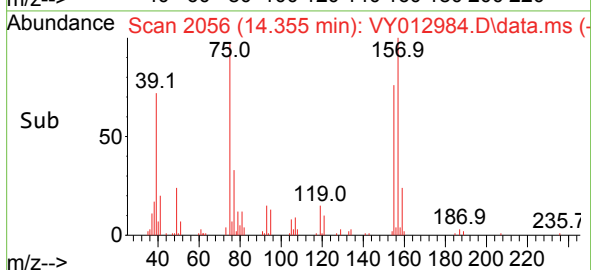
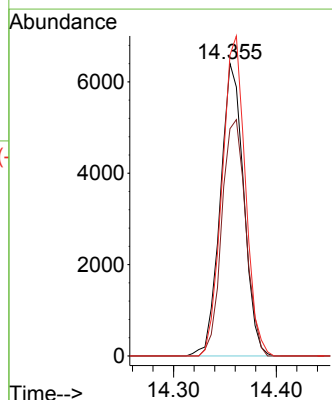
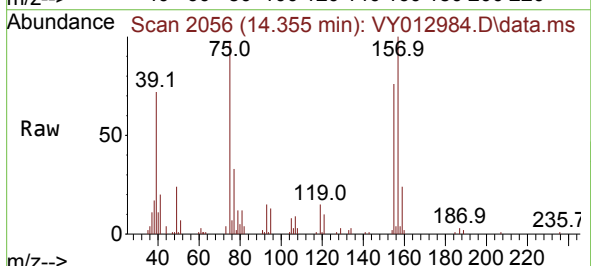
Tgt Ion: 75 Resp: 10103

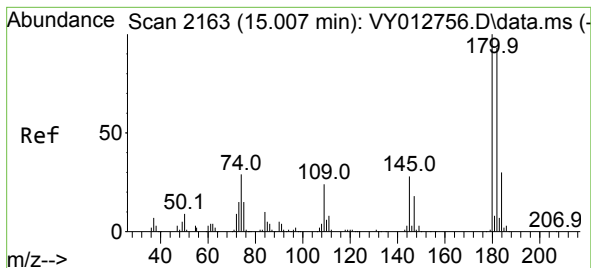
Ion Ratio Lower Upper

75 100

155 82.6 43.8 131.4

157 108.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 49.476 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

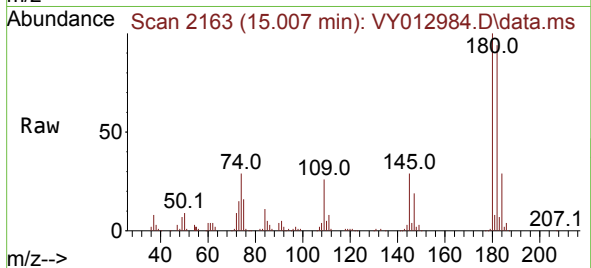
Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



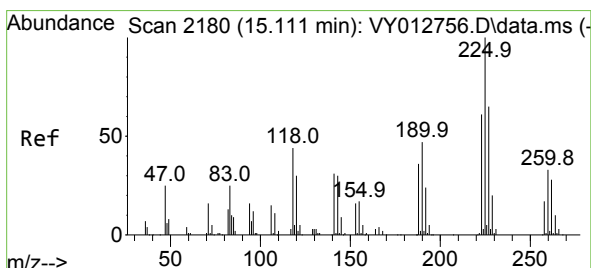
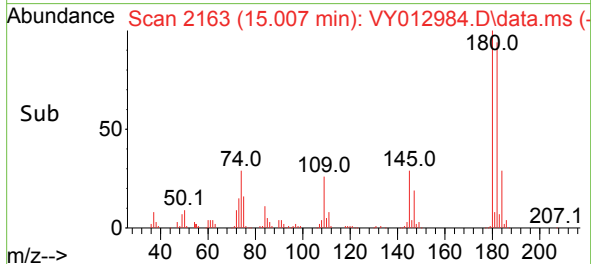
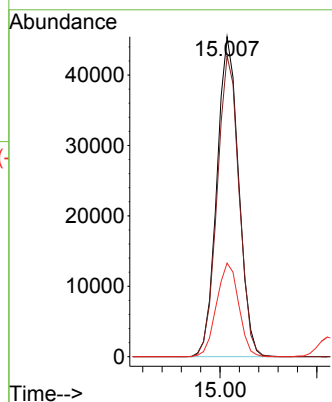
Tgt Ion:180 Resp: 70822

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.148 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

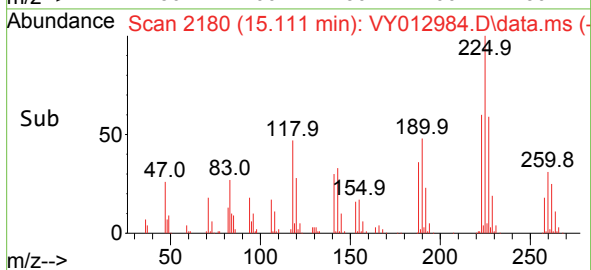
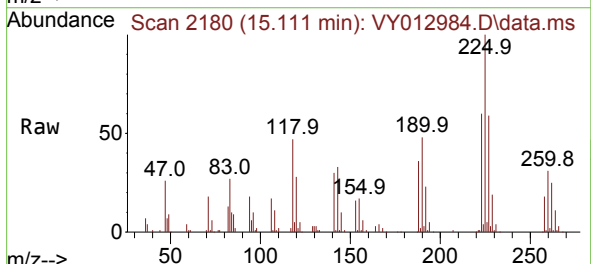
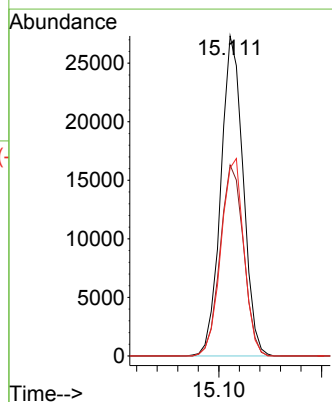
Tgt Ion:225 Resp: 41163

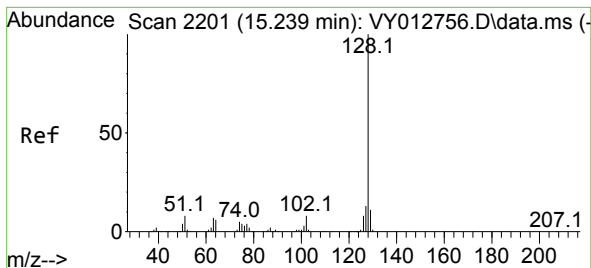
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.3

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 51.305 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

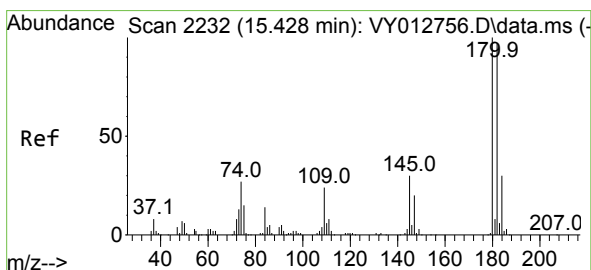
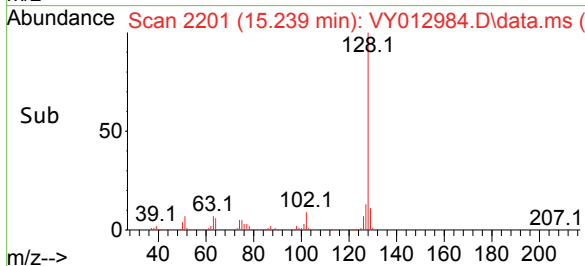
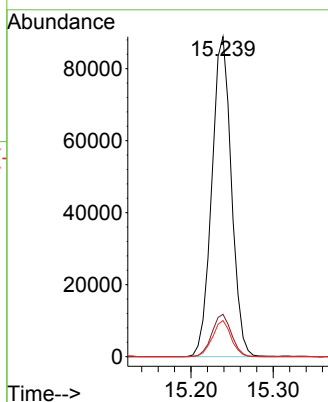
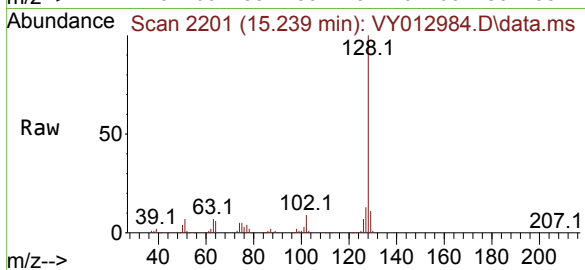
Tgt Ion:128 Resp: 147169

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.452 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012984.D

Acq: 17 Mar 2023 13:28

Tgt Ion:180 Resp: 62956

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 31.2 15.3 45.8

