

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012986.D
 Acq On : 17 Mar 2023 15:01
 Operator : KP/MD
 Sample : VY0317SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:44:46 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	7.789	168	105446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47120	45.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.020%
35) Dibromofluoromethane	7.716	113	46388	48.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.420%
50) Toluene-d8	10.179	98	155943	44.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.660%
62) 4-Bromofluorobenzene	12.483	95	56847	47.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22065	21.230	ug/l	95
3) Chloromethane	2.113	50	23399	18.832	ug/l	99
4) Vinyl Chloride	2.253	62	20642	18.117	ug/l	98
5) Bromomethane	2.643	94	14615	21.110	ug/l	85
6) Chloroethane	2.790	64	13407	19.648	ug/l	97
7) Trichlorofluoromethane	3.125	101	39990	21.132	ug/l	93
8) Diethyl Ether	3.527	74	13606	20.517	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	24639	21.641	ug/l	99
10) Methyl Iodide	4.088	142	28226	19.027	ug/l	97
11) Tert butyl alcohol	4.948	59	14930	112.952	ug/l	99
12) 1,1-Dichloroethene	3.863	96	22690	20.896	ug/l	99
13) Acrolein	3.729	56	13687	74.620	ug/l	97
14) Allyl chloride	4.479	41	41560	20.720	ug/l	98
15) Acrylonitrile	5.155	53	38239	109.437	ug/l	99
16) Acetone	3.942	43	43751	106.468	ug/l	95
17) Carbon Disulfide	4.192	76	70333	19.029	ug/l	99
18) Methyl Acetate	4.479	43	26107	21.334	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	60947	21.730	ug/l	100
20) Methylene Chloride	4.710	84	33469	23.884	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	25397	21.523	ug/l	97
22) Diisopropyl ether	6.118	45	81284	22.312	ug/l	98
23) Vinyl Acetate	6.057	43	245346	108.387	ug/l	99
24) 1,1-Dichloroethane	6.015	63	45304	21.823	ug/l	98
25) 2-Butanone	6.978	43	55508	109.059	ug/l	96
26) 2,2-Dichloropropane	6.972	77	40961	22.216	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	27402	21.660	ug/l	98
28) Bromochloromethane	7.332	49	16647	21.943	ug/l	100
29) Tetrahydrofuran	7.344	42	32538	105.996	ug/l	100
30) Chloroform	7.502	83	45970	22.419	ug/l	98
31) Cyclohexane	7.783	56	40603	20.250	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	40784	21.993	ug/l	99
36) 1,1-Dichloropropene	7.911	75	35209	21.836	ug/l	100
37) Ethyl Acetate	7.069	43	21882	21.532	ug/l	99
38) Carbon Tetrachloride	7.893	117	37891	22.756	ug/l	95
39) Methylcyclohexane	9.179	83	40618	21.189	ug/l	96
40) Benzene	8.161	78	100253	21.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	31051	56.710	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29915	21.816	ug/l	100
43) Isopropyl Acetate	8.271	43	39609	21.845	ug/l	99
44) Trichloroethene	8.935	130	26351	21.913	ug/l	96
45) 1,2-Dichloropropane	9.215	63	25178	21.843	ug/l	98
46) Dibromomethane	9.301	93	14600	22.233	ug/l	100
47) Bromodichloromethane	9.496	83	34749	22.455	ug/l	99
48) Methyl methacrylate	9.289	41	18697	22.379	ug/l	99
49) 1,4-Dioxane	9.301	88	4020	473.530	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	112928	114.820	ug/l	98
52) Toluene	10.240	92	61335	22.298	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	35657	21.967	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	40926	22.276	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	20084	21.961	ug/l	96
56) Ethyl methacrylate	10.508	69	26554	21.775	ug/l	97
57) 1,3-Dichloropropane	10.788	76	34232	21.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	71511	111.708	ug/l	99
59) 2-Hexanone	10.831	43	82267	115.090	ug/l	99
60) Dibromochloromethane	10.983	129	24839	22.312	ug/l	100
61) 1,2-Dibromoethane	11.087	107	18956	21.517	ug/l	99
64) Tetrachloroethene	10.721	164	23114	22.438	ug/l	96
65) Chlorobenzene	11.514	112	65563	22.079	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	25322	23.045	ug/l	98
67) Ethyl Benzene	11.593	91	115508	22.125	ug/l	97
68) m/p-Xylenes	11.703	106	90253	44.937	ug/l	100
69) o-Xylene	12.026	106	40621	21.671	ug/l	99
70) Styrene	12.044	104	71433	22.836	ug/l	99
71) Bromoform	12.209	173	15888	22.177	ug/l #	99
73) Isopropylbenzene	12.331	105	112715	21.607	ug/l	100
74) N-amyl acetate	12.142	43	34659	21.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25326	21.597	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	32603	37.092	ug/l #	100
77) Bromobenzene	12.611	156	26612	20.999	ug/l	99
78) n-propylbenzene	12.672	91	140738	21.883	ug/l	99
79) 2-Chlorotoluene	12.758	91	77365	21.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	92751	21.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	8822	20.796	ug/l	97
82) 4-Chlorotoluene	12.855	91	81509	22.028	ug/l	98
83) tert-Butylbenzene	13.075	119	80798	21.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	92158	21.892	ug/l	100
85) sec-Butylbenzene	13.251	105	123446	21.777	ug/l	99
86) p-Isopropyltoluene	13.367	119	101635	21.937	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	53602	21.931	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	53292	21.364	ug/l	97
89) n-Butylbenzene	13.696	91	96524	21.763	ug/l	100
90) Hexachloroethane	13.959	117	20965	21.727	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	49276	22.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4267	22.515	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	29056	21.359	ug/l	99
94) Hexachlorobutadiene	15.117	225	18220	21.959	ug/l	100
95) Naphthalene	15.239	128	57337	21.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26178	21.637	ug/l	100

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

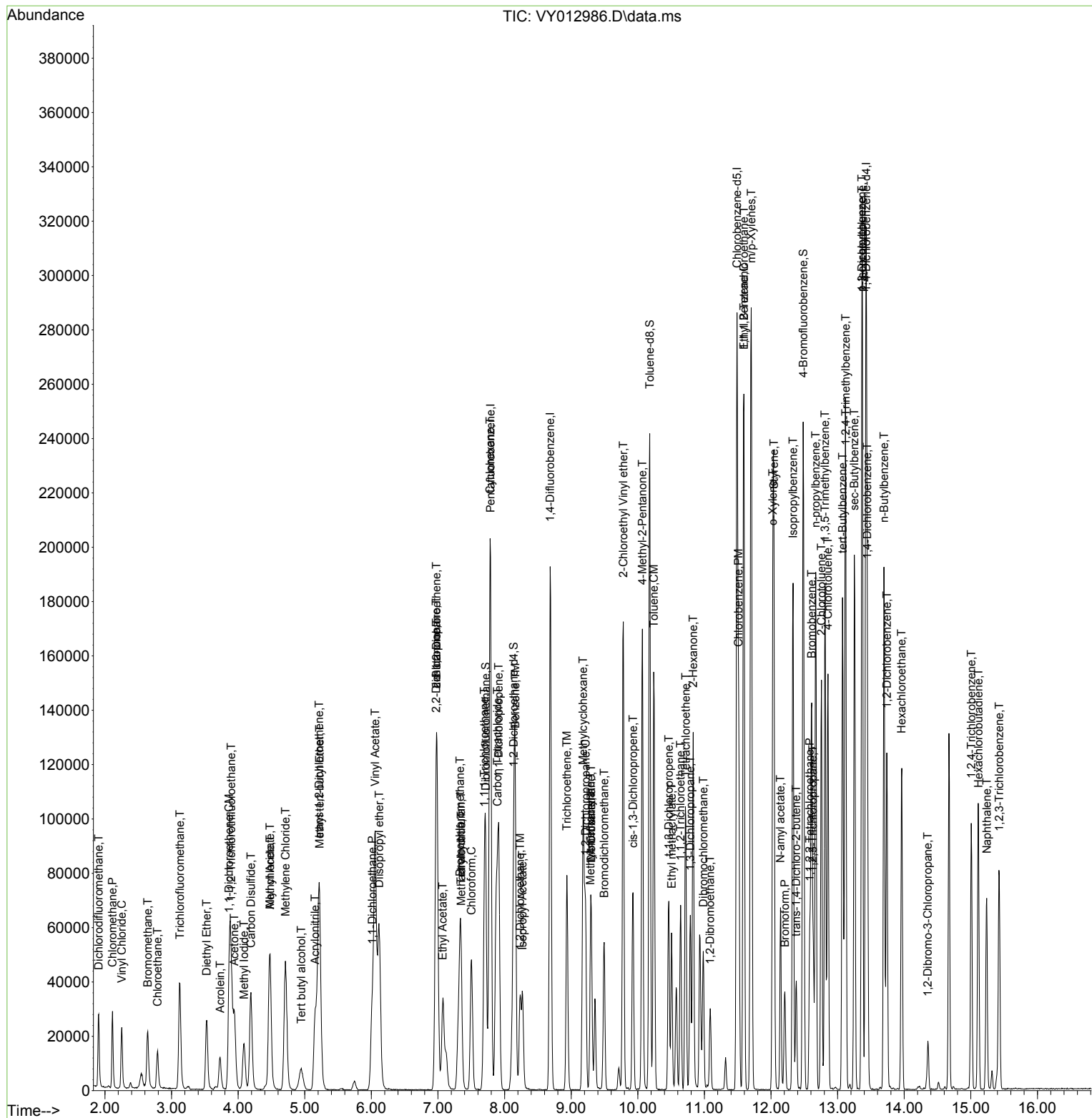
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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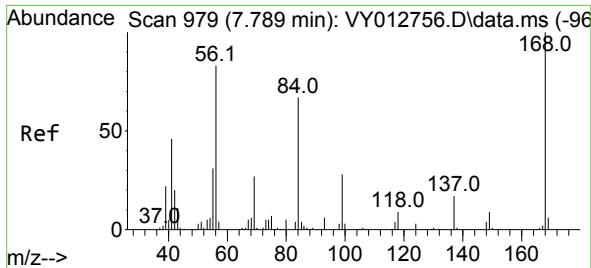
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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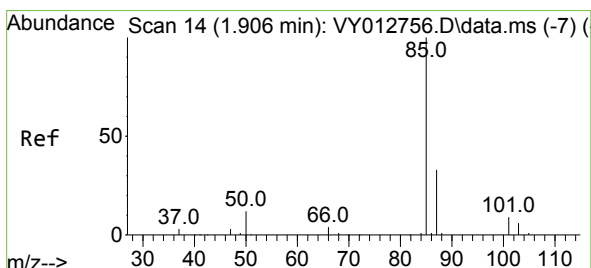
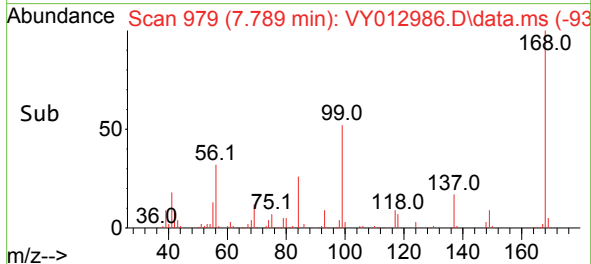
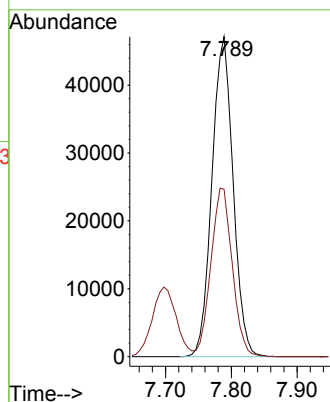
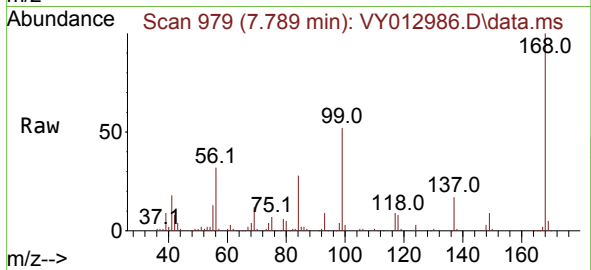




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012986.D
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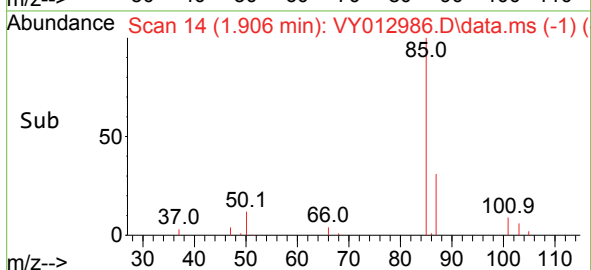
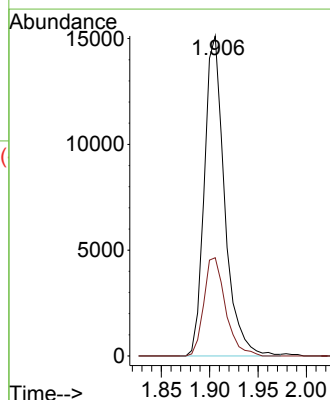
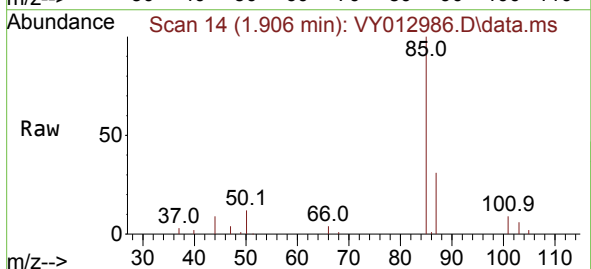
Instrument :
MSVOA_Y
ClientSampleId :

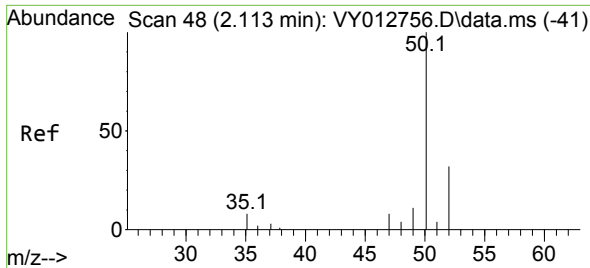
Tgt Ion:168 Resp: 105446
Ion Ratio Lower Upper
168 100
99 52.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.230 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 85 Resp: 22065
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.0

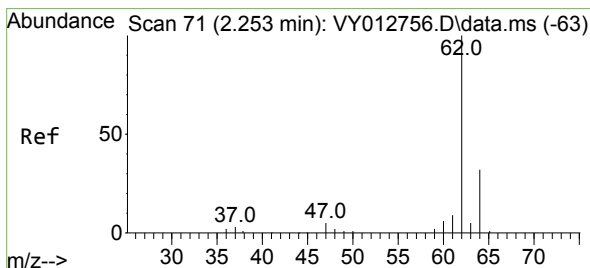
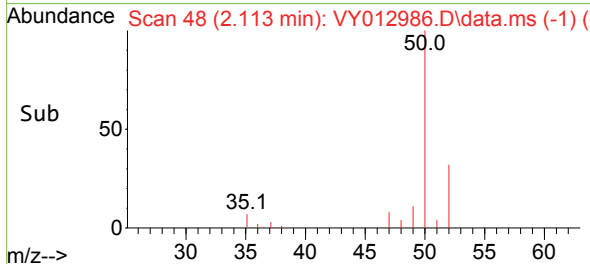
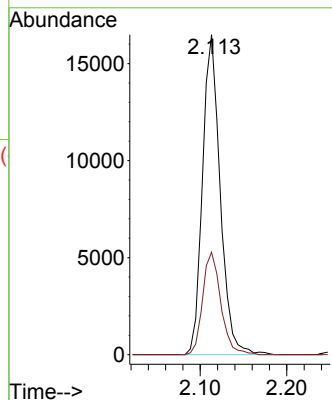
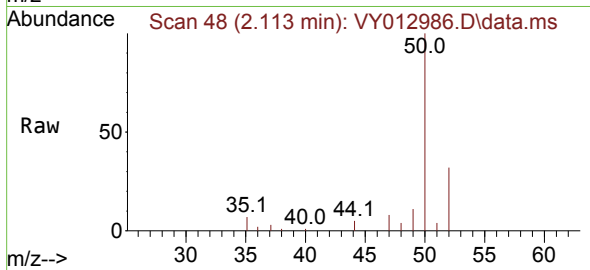




#3
Chloromethane
Concen: 18.832 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

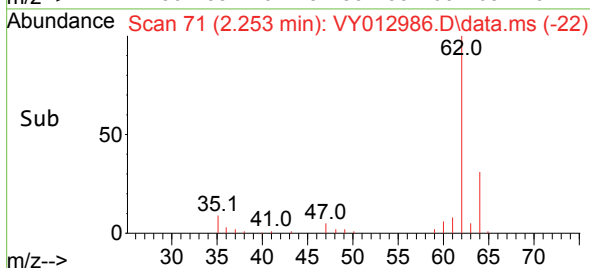
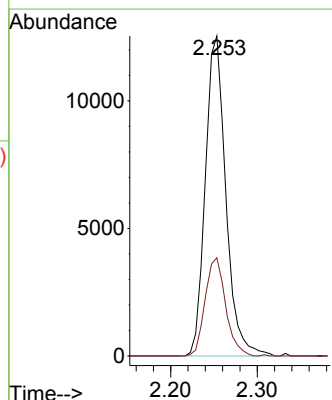
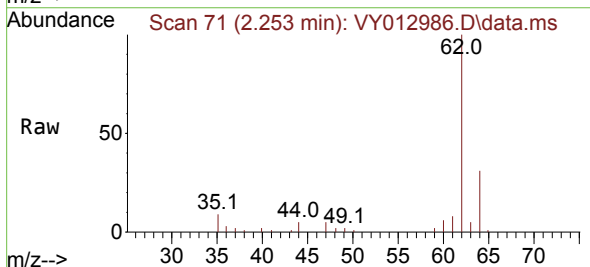
Instrument :
MSVOA_Y
ClientSampleId :

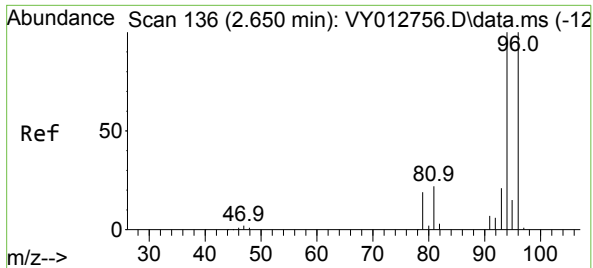
Tgt Ion: 50 Resp: 23399
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 18.117 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 62 Resp: 20642
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

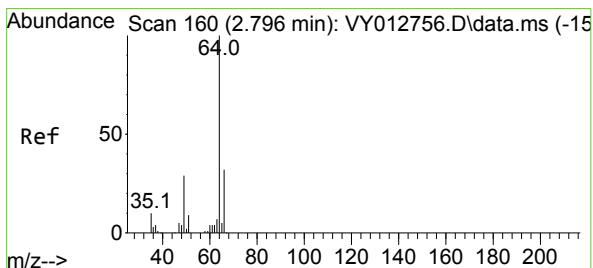
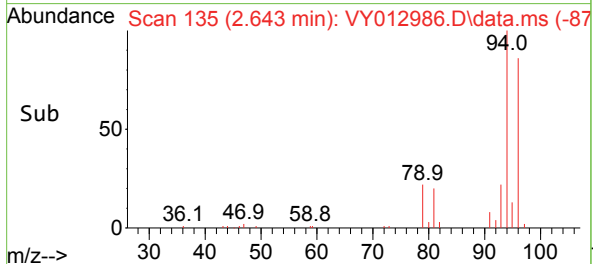
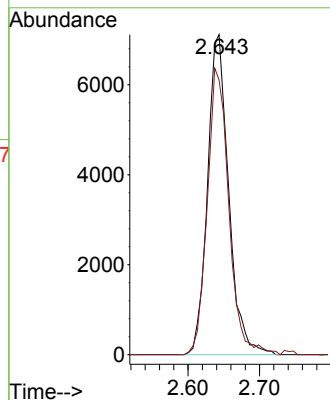
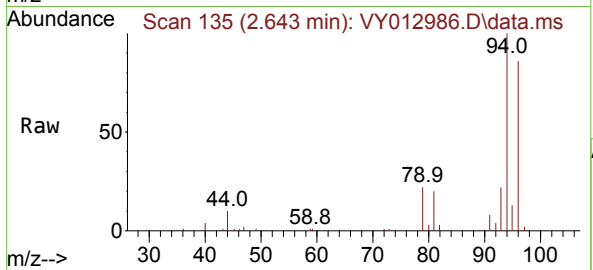




#5
Bromomethane
Concen: 21.110 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012986.D
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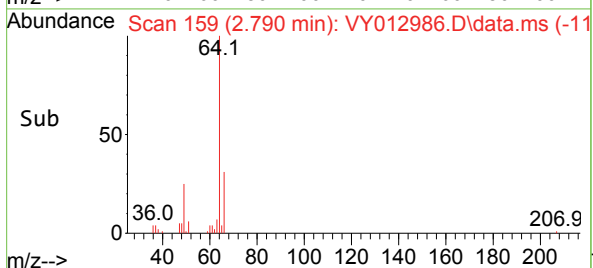
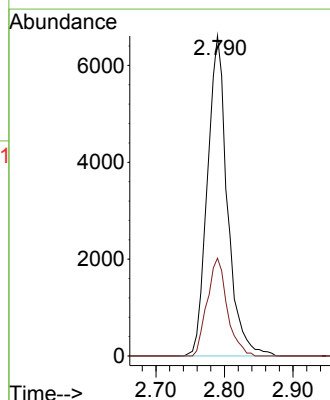
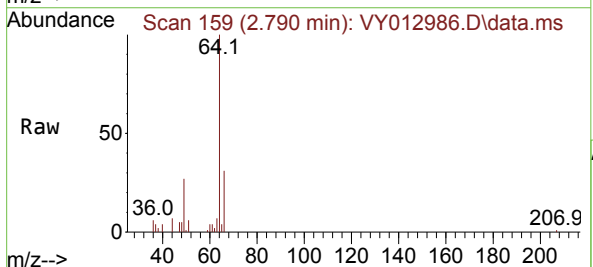
Instrument :
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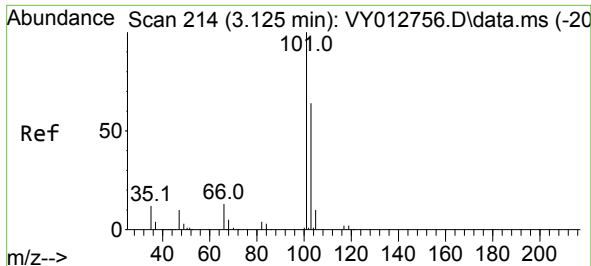
Tgt Ion: 94 Resp: 14615
Ion Ratio Lower Upper
94 100
96 85.8 80.3 120.5



#6
Chloroethane
Concen: 19.648 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012986.D
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Tgt Ion: 64 Resp: 13407
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5

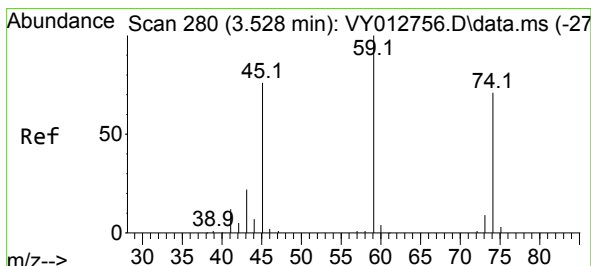
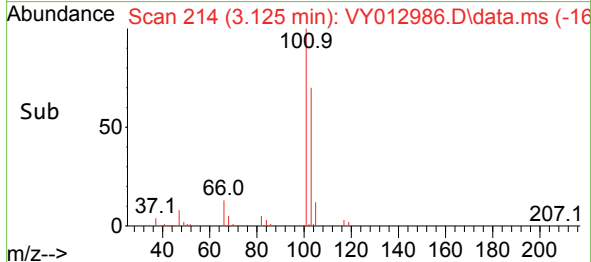
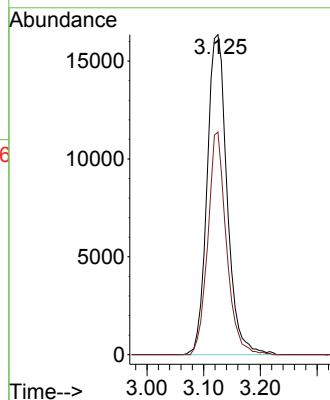
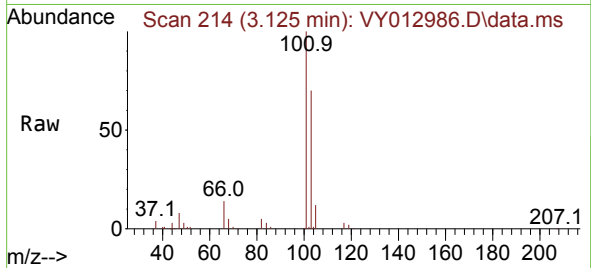




#7
 Trichlorofluoromethane
 Concen: 21.132 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

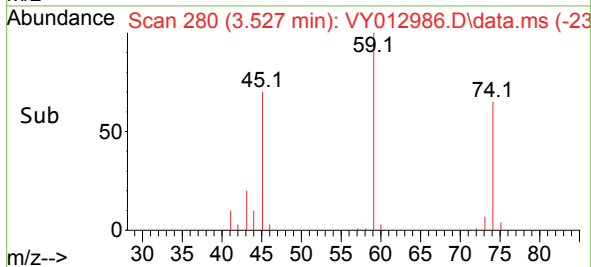
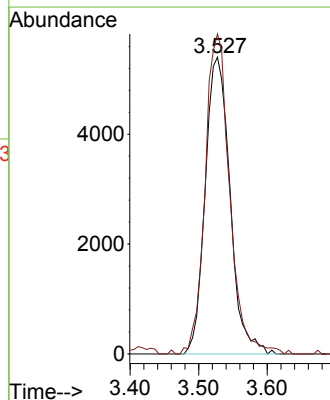
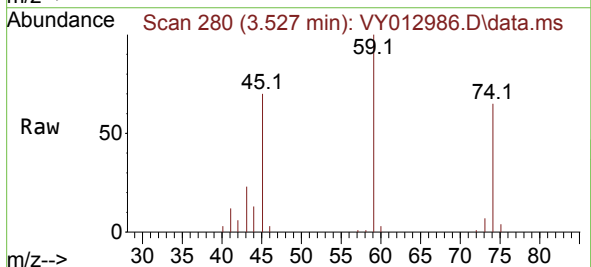
Instrument :
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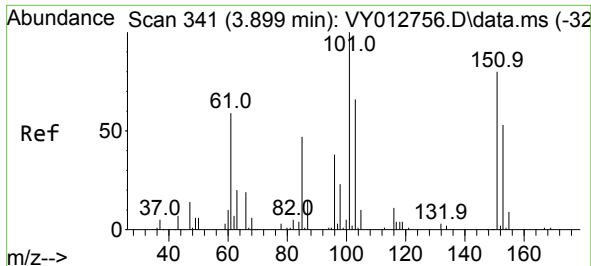
Tgt Ion:101 Resp: 39990
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.517 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 13606
 Ion Ratio Lower Upper
 74 100
 45 106.6 52.1 156.4

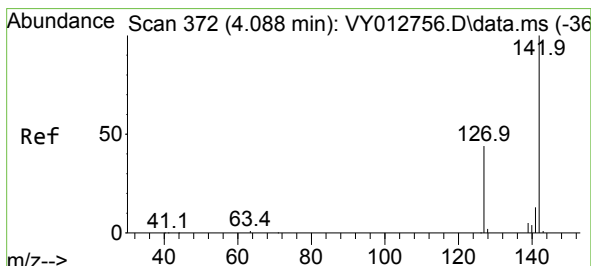
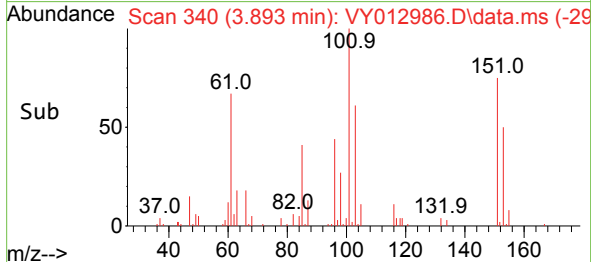
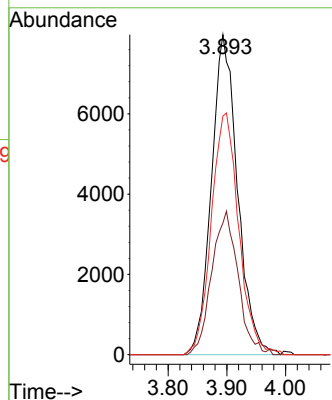
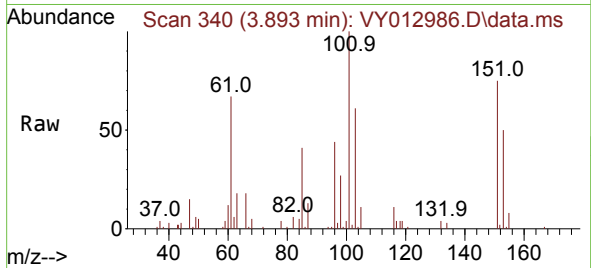




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.641 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

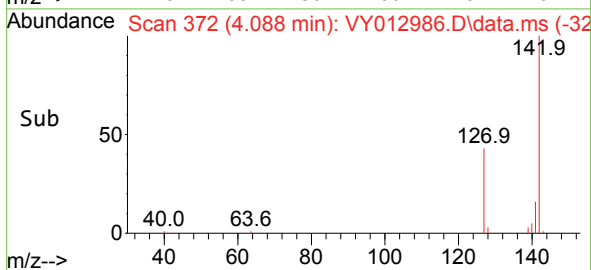
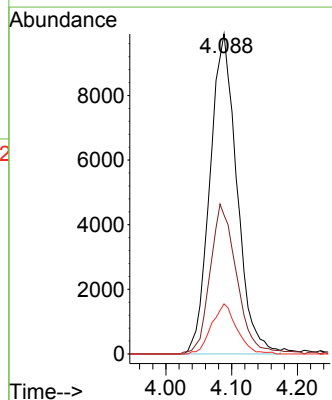
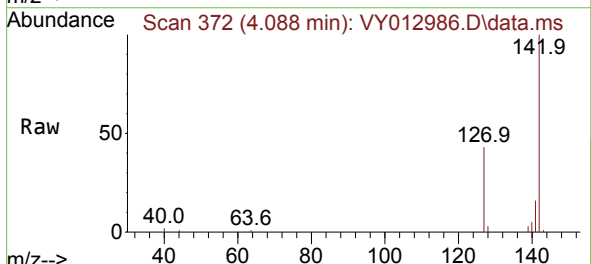
Instrument :
MSVOA_Y
ClientSampleId :

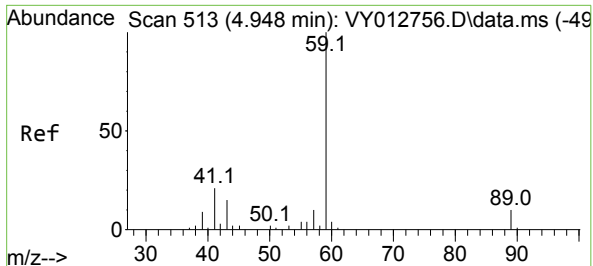
Tgt Ion:101 Resp: 24639
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 79.5 63.1 94.7



#10
Methyl Iodide
Concen: 19.027 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:142 Resp: 28226
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.2
141 14.7 11.3 16.9

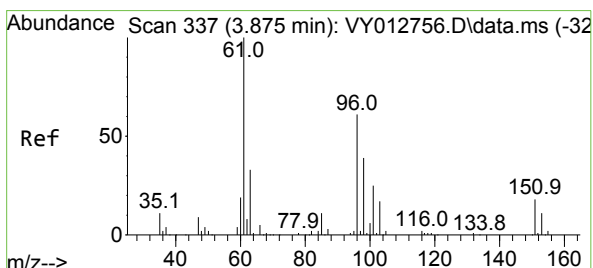
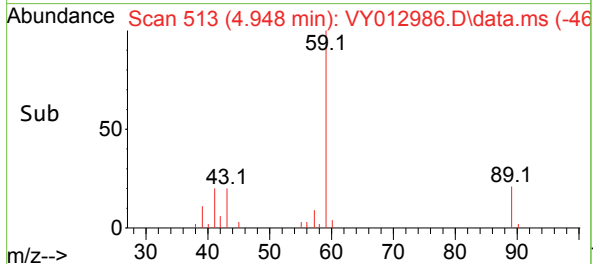
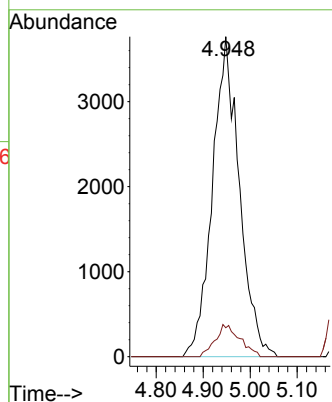
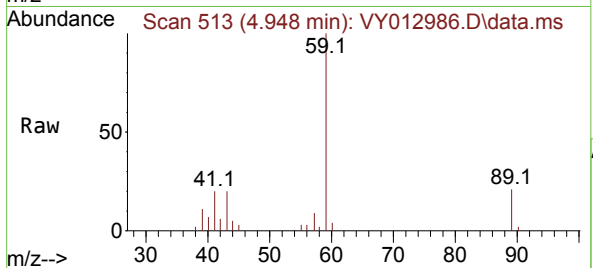




#11
Tert butyl alcohol
Concen: 112.952 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

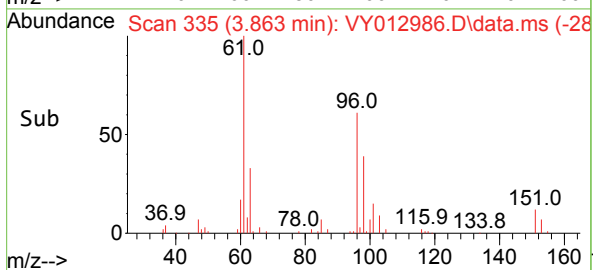
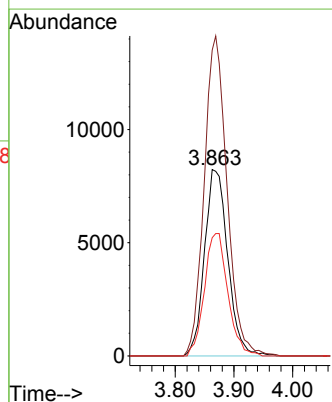
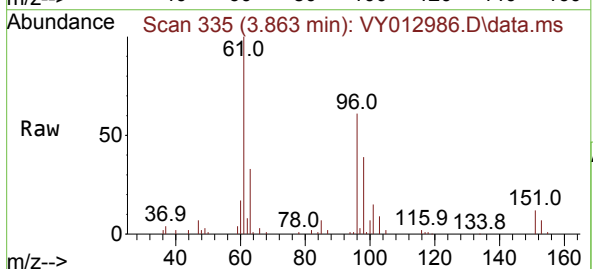
Instrument :
MSVOA_Y
ClientSampleId :

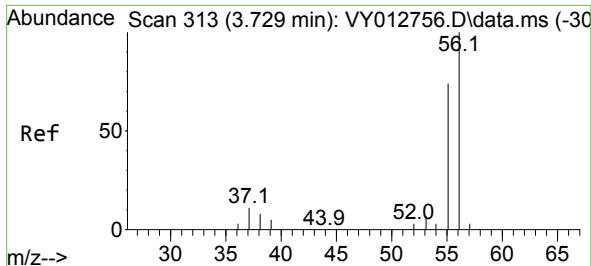
Tgt Ion: 59 Resp: 14930
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.896 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 96 Resp: 22690
Ion Ratio Lower Upper
96 100
61 164.0 131.7 197.5
98 63.4 52.0 78.0





#13

Acrolein

Concen: 74.620 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

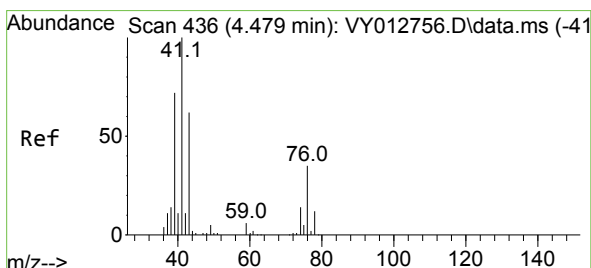
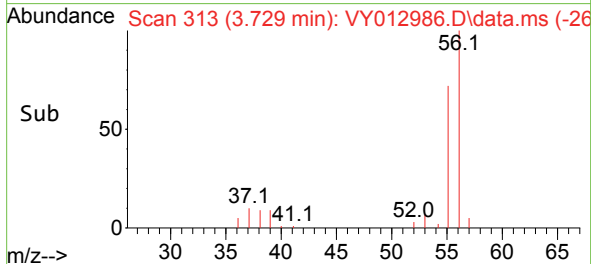
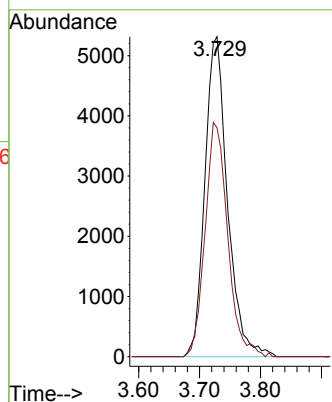
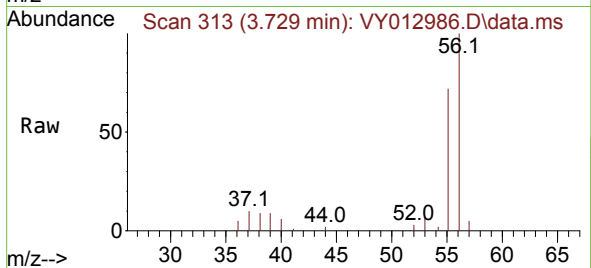
ClientSampleId :

Tgt Ion: 56 Resp: 13687

Ion Ratio Lower Upper

56 100

55 73.4 56.8 85.2



#14

Allyl chloride

Concen: 20.720 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

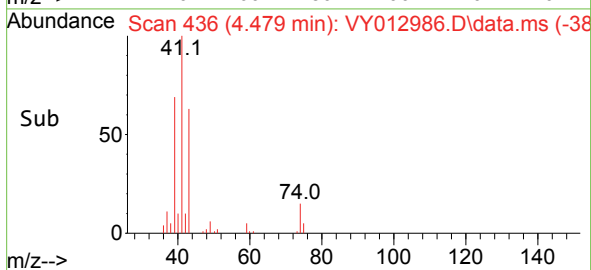
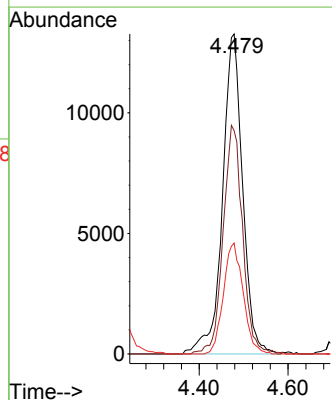
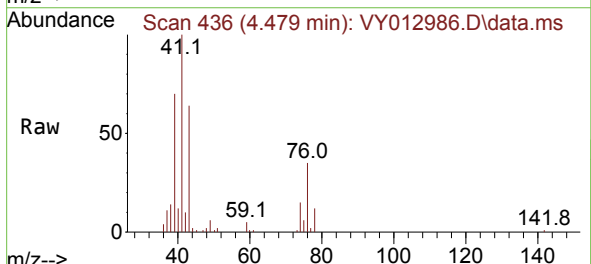
Tgt Ion: 41 Resp: 41560

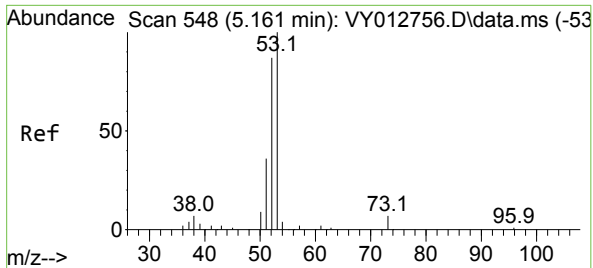
Ion Ratio Lower Upper

41 100

39 69.2 53.6 80.4

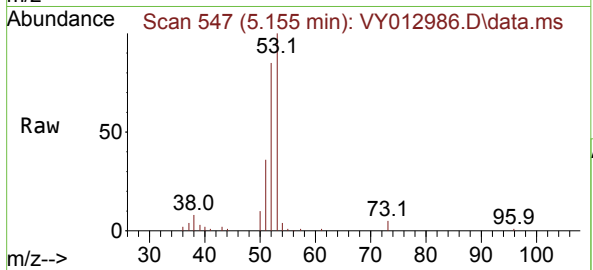
76 34.1 27.2 40.8



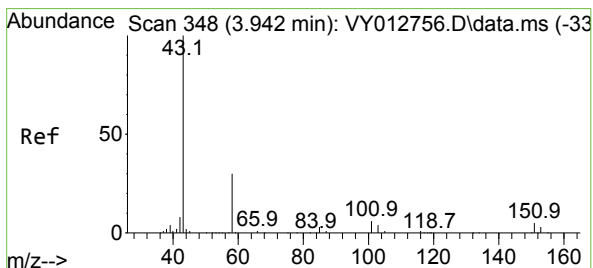
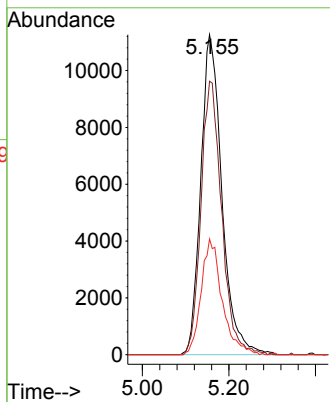
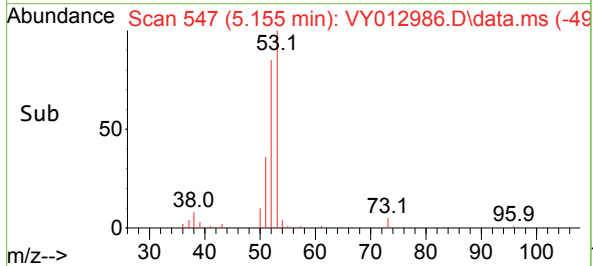


#15
Acrylonitrile
Concen: 109.437 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

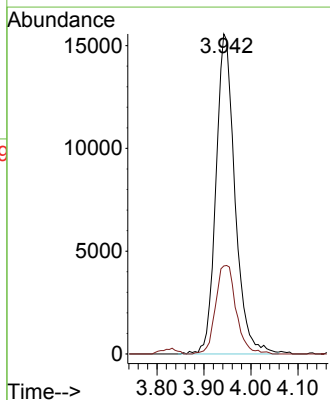
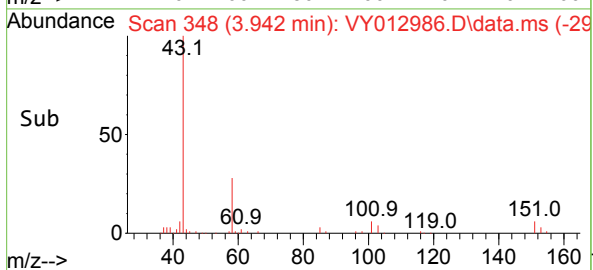
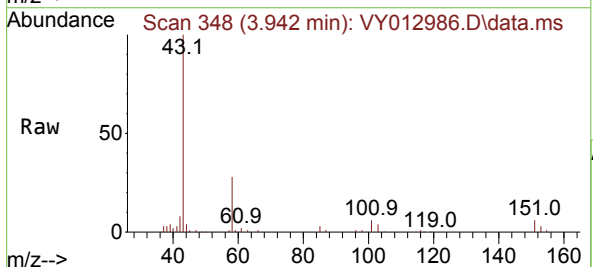


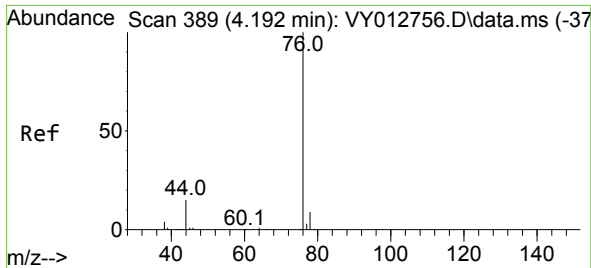
Tgt Ion: 53 Resp: 38239
Ion Ratio Lower Upper
53 100
52 83.6 66.3 99.5
51 35.9 28.8 43.2



#16
Acetone
Concen: 106.468 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 43 Resp: 43751
Ion Ratio Lower Upper
43 100
58 27.5 24.2 36.2

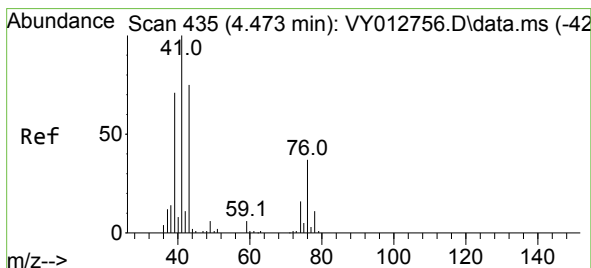
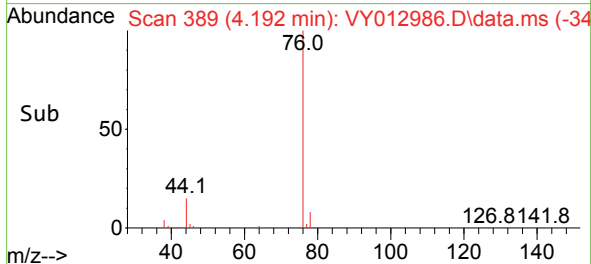
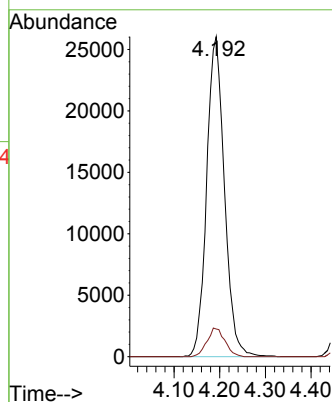
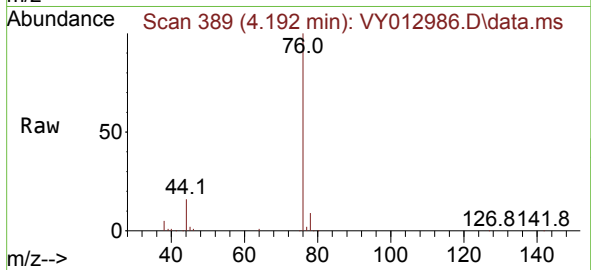




#17
Carbon Disulfide
Concen: 19.029 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

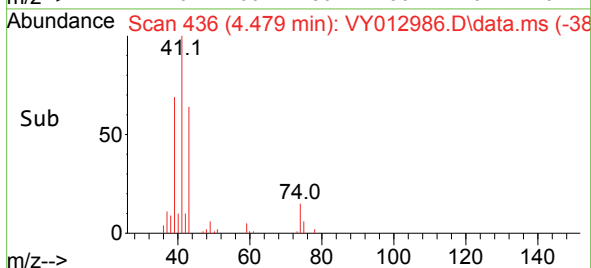
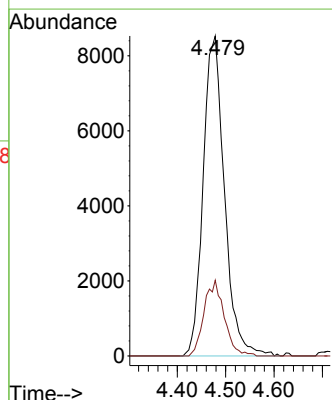
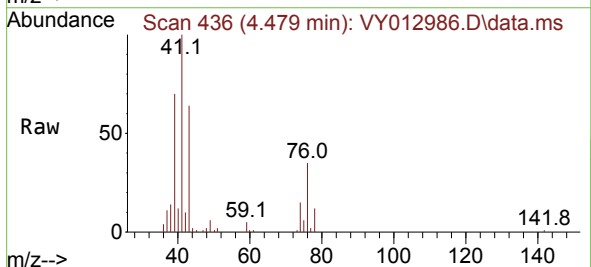
Instrument :
MSVOA_Y
ClientSampleId :

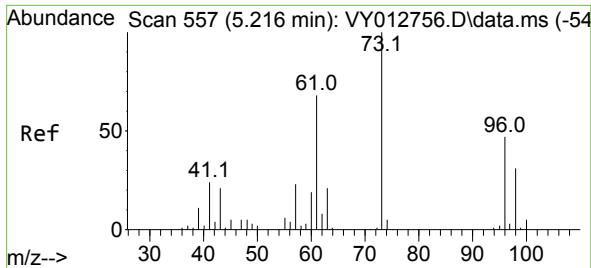
Tgt Ion: 76 Resp: 70333
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 21.334 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 43 Resp: 26107
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0

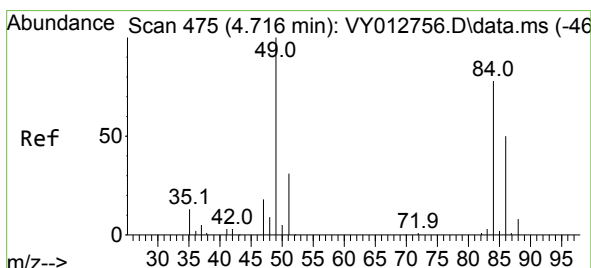
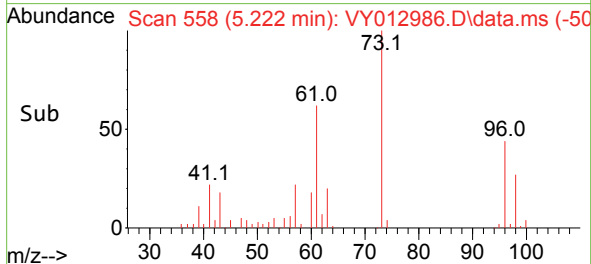
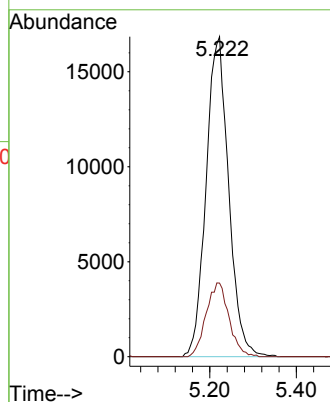
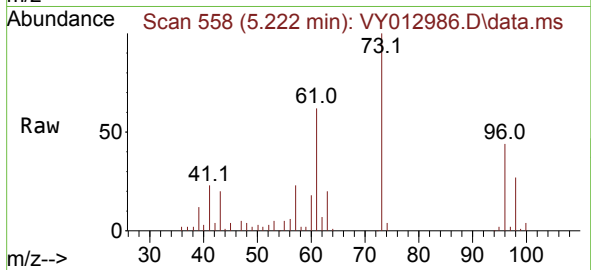




#19
Methyl tert-butyl Ether
Concen: 21.730 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

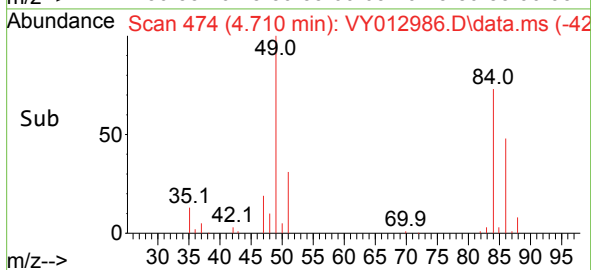
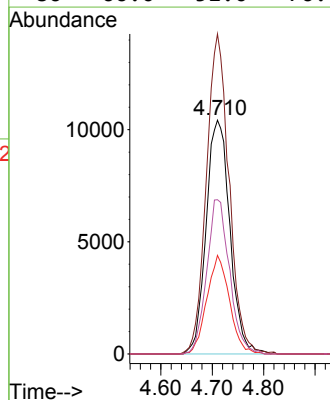
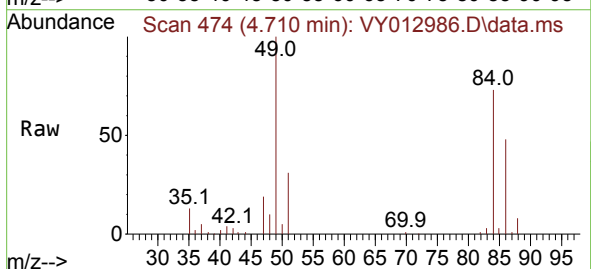
Instrument :
MSVOA_Y
ClientSampleId :

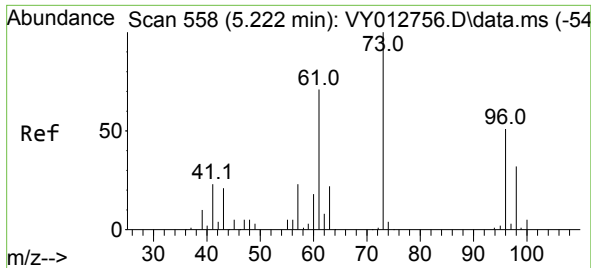
Tgt Ion: 73 Resp: 60947
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 23.884 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 84 Resp: 33469
Ion Ratio Lower Upper
84 100
49 136.9 102.6 154.0
51 42.2 31.9 47.9
86 66.0 51.0 76.6

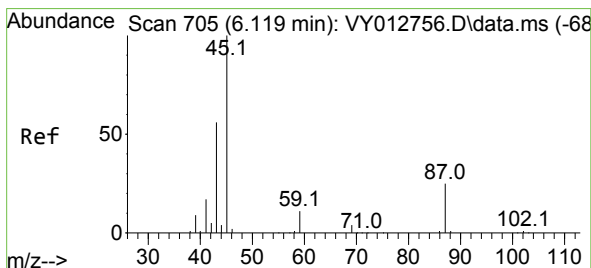
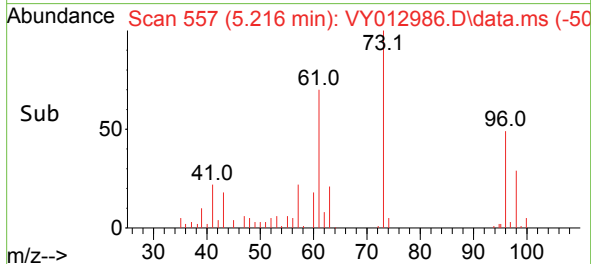
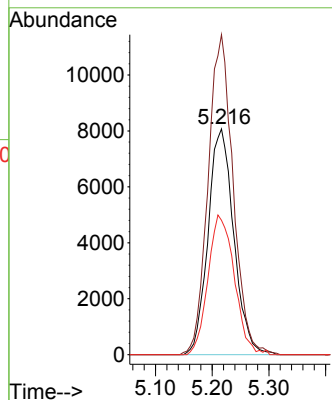
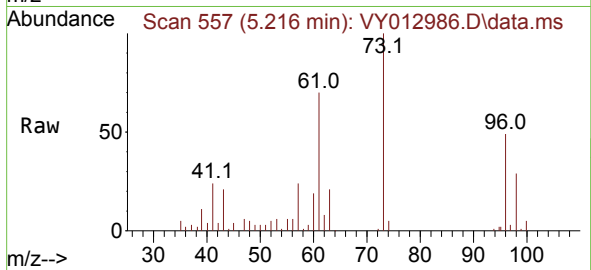




#21
trans-1,2-Dichloroethene
Concen: 21.523 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

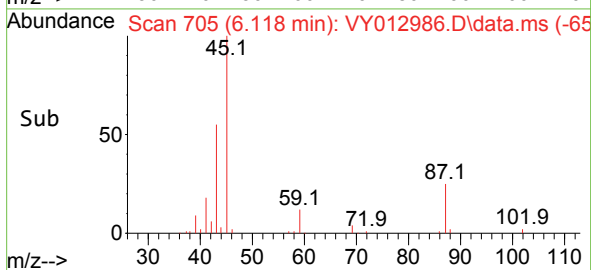
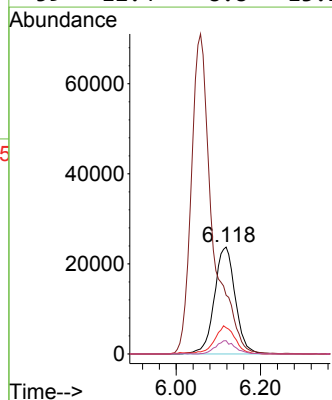
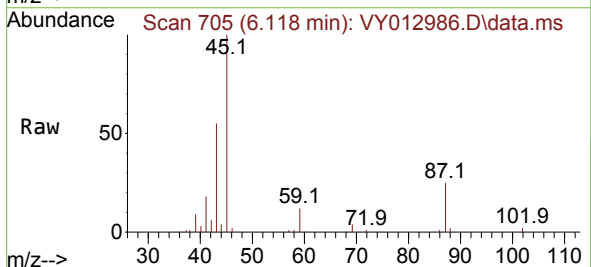
Instrument :
MSVOA_Y
ClientSampleId :

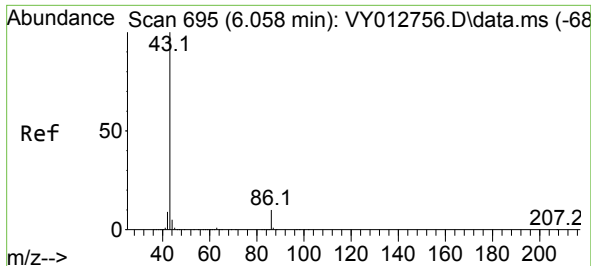
Tgt Ion: 96 Resp: 25397
Ion Ratio Lower Upper
96 100
61 141.8 111.4 167.0
98 59.6 50.8 76.2



#22
Diisopropyl ether
Concen: 22.312 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

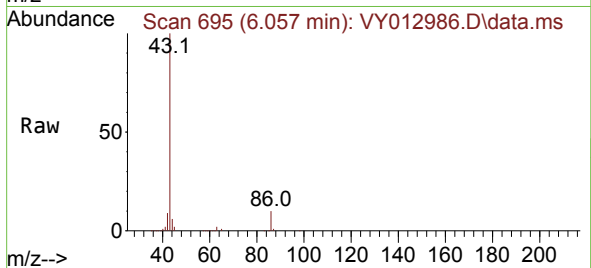
Tgt Ion: 45 Resp: 81284
Ion Ratio Lower Upper
45 100
43 54.6 45.0 67.6
87 24.5 20.3 30.5
59 12.4 8.8 13.2



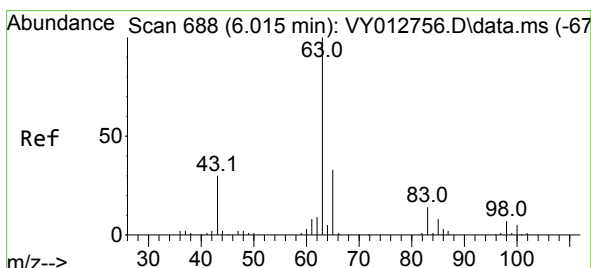
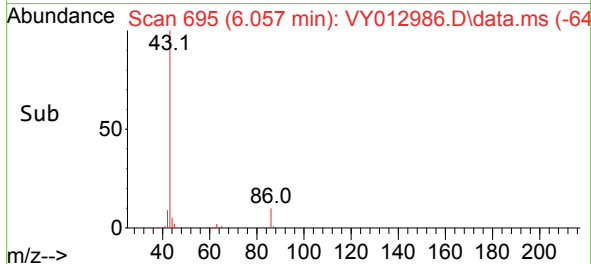
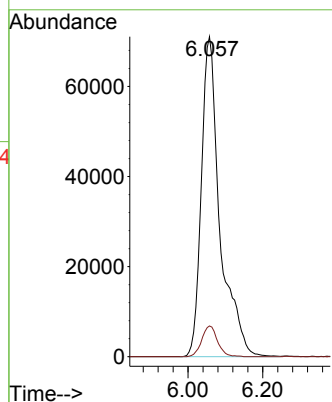


#23
 Vinyl Acetate
 Concen: 108.387 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

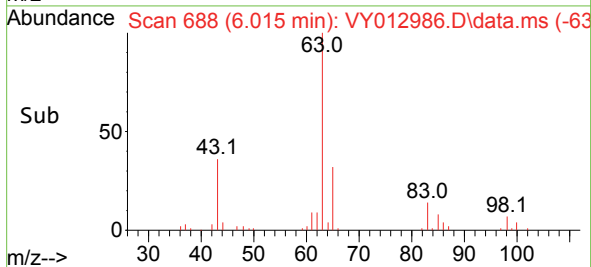
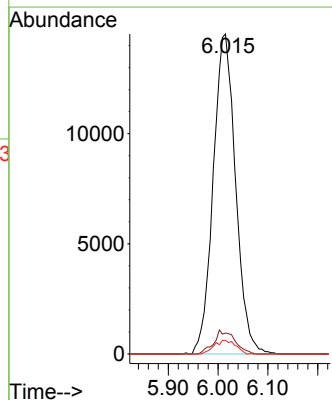
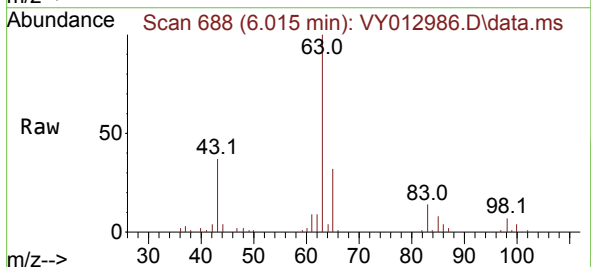


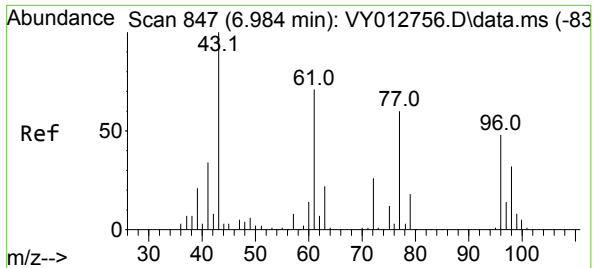
Tgt Ion: 43 Resp: 245346
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.823 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Tgt Ion: 63 Resp: 45304
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.7 11.1
 100 4.3 2.3 6.8

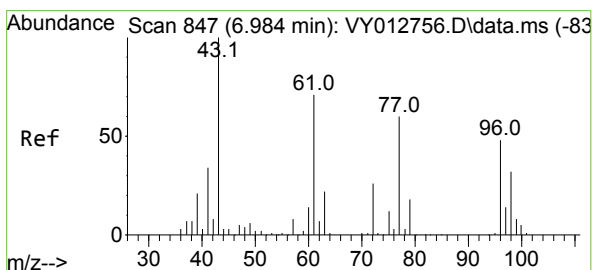
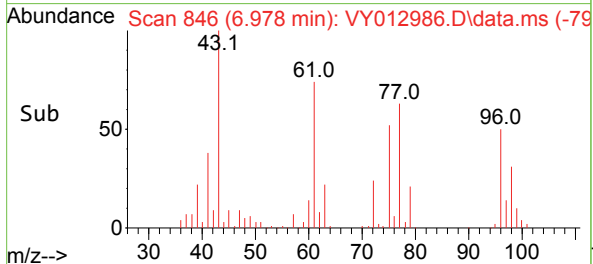
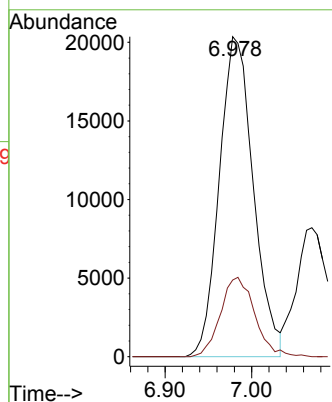
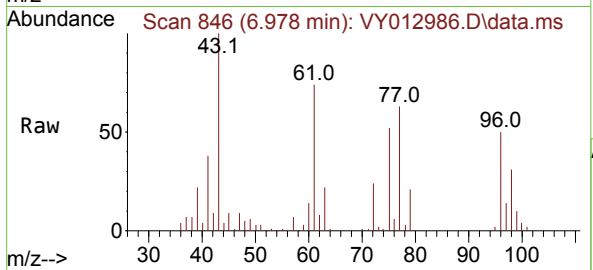




#25
2-Butanone
Concen: 109.059 ug/l
RT: 6.978 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

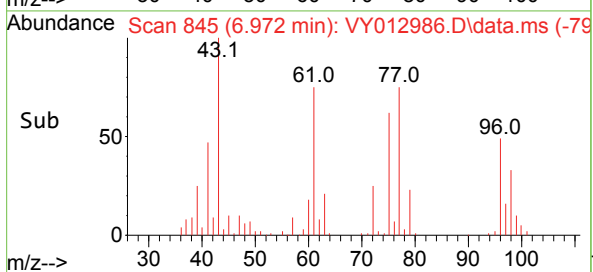
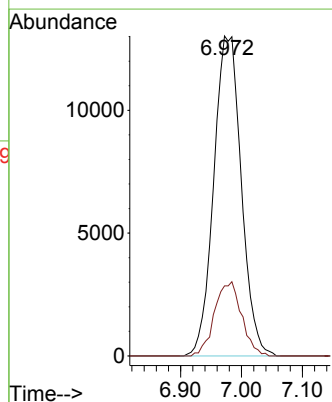
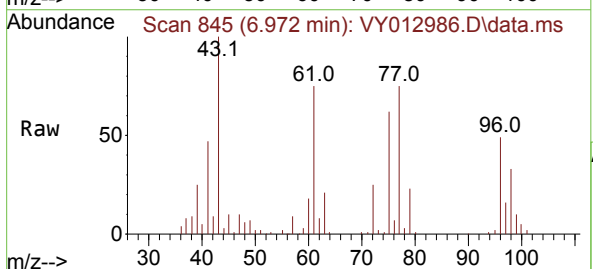
Instrument :
MSVOA_Y
ClientSampleId :

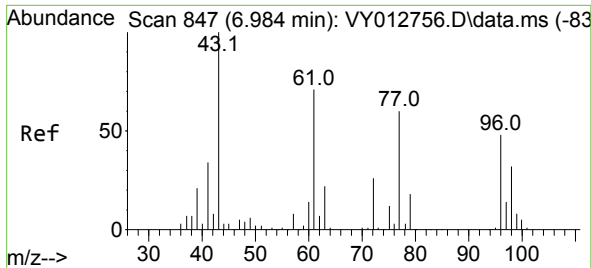
Tgt Ion: 43 Resp: 55508
Ion Ratio Lower Upper
43 100
72 24.0 21.0 31.4



#26
2,2-Dichloropropane
Concen: 22.216 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

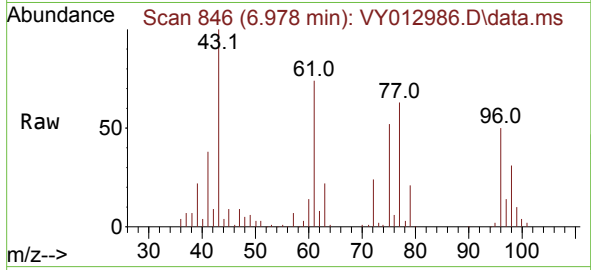
Tgt Ion: 77 Resp: 40961
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0





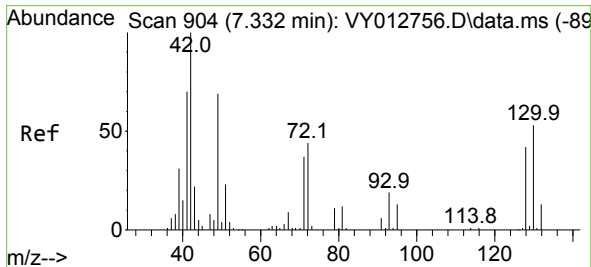
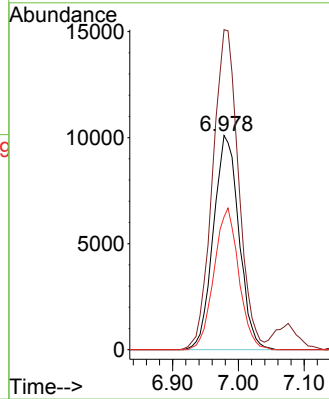
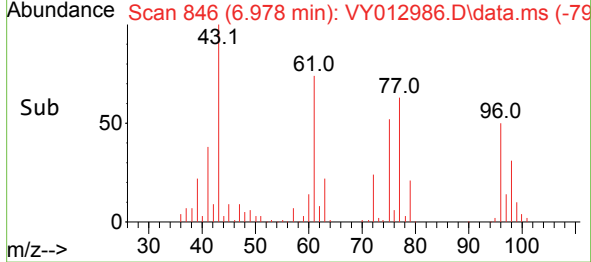
#27
 cis-1,2-Dichloroethene
 Concen: 21.660 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

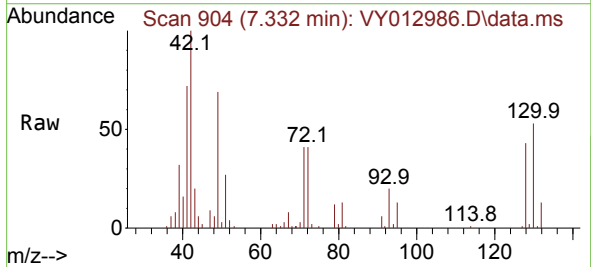


Tgt Ion: 96 Resp: 27402

Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	295.8
98	63.9	0.0	130.2

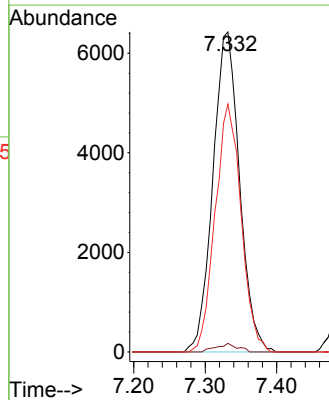
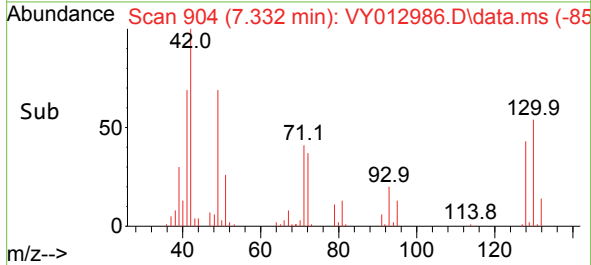


#28
 Bromochloromethane
 Concen: 21.943 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01



Tgt Ion: 49 Resp: 16647

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.3	60.5	90.7





#29

Tetrahydrofuran

Concen: 105.996 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

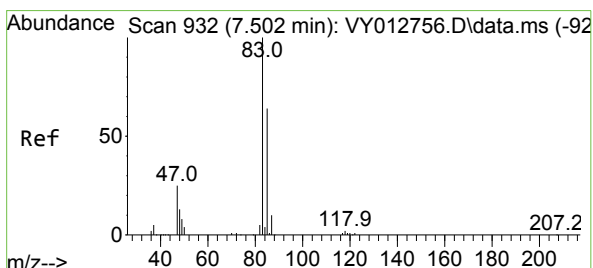
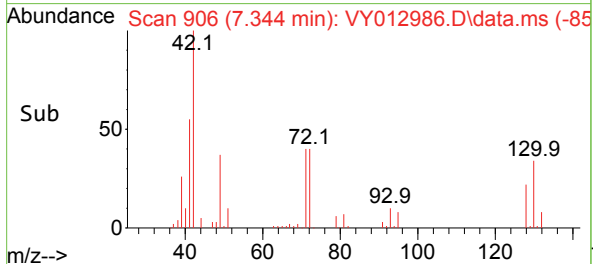
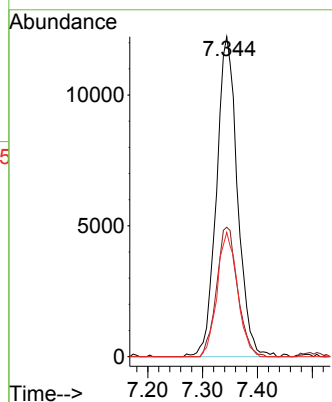
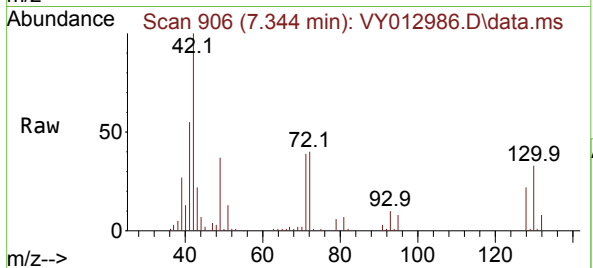
Tgt Ion: 42 Resp: 32538

Ion Ratio Lower Upper

42 100

72 40.5 32.3 48.5

71 37.6 30.3 45.5



#30

Chloroform

Concen: 22.419 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012986.D

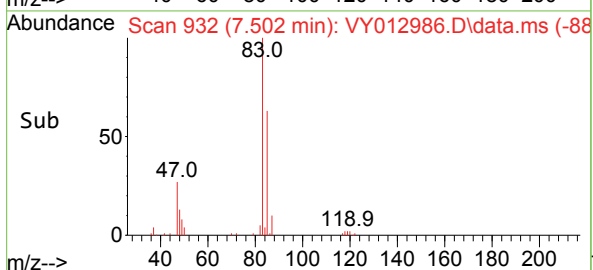
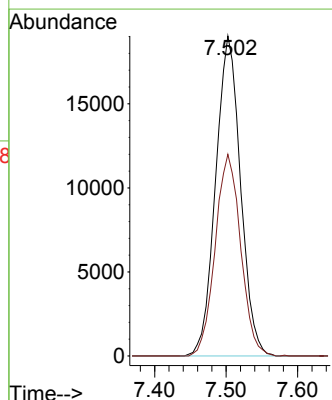
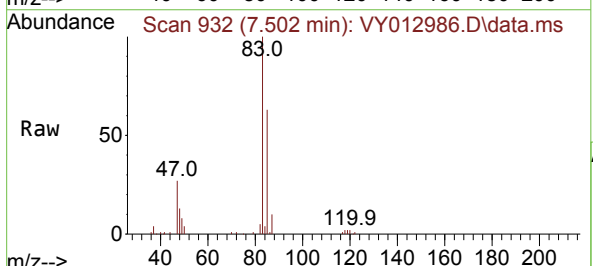
Acq: 17 Mar 2023 15:01

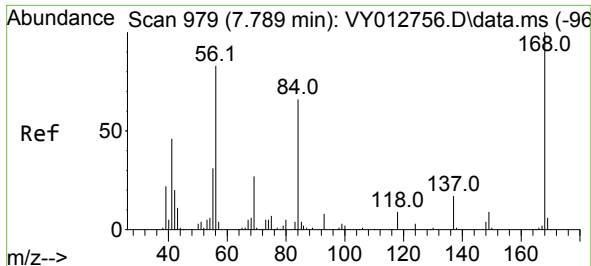
Tgt Ion: 83 Resp: 45970

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0





#31

Cyclohexane

Concen: 20.250 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

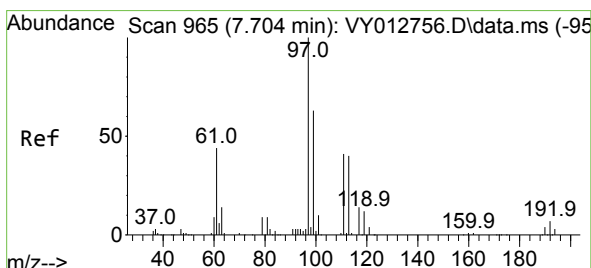
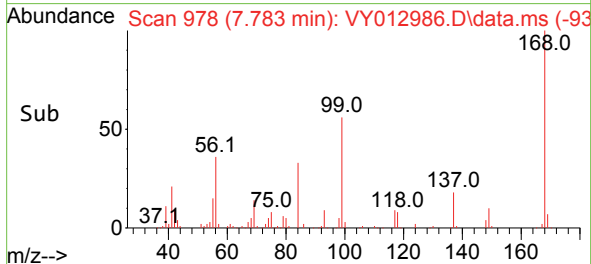
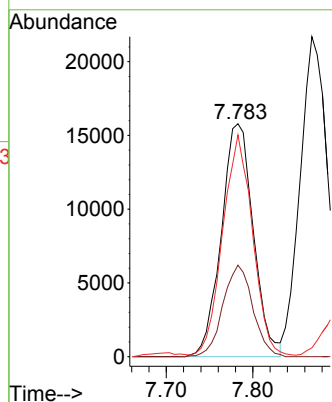
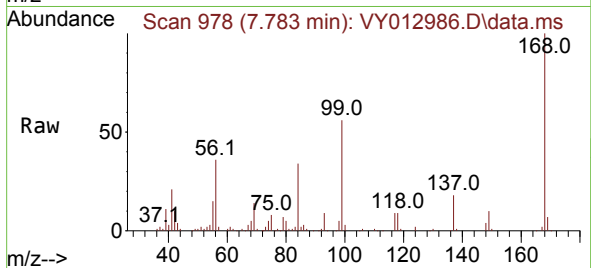
Tgt Ion: 56 Resp: 40603

Ion Ratio Lower Upper

56 100

69 39.3 25.7 38.5#

84 94.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 21.993 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.007 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

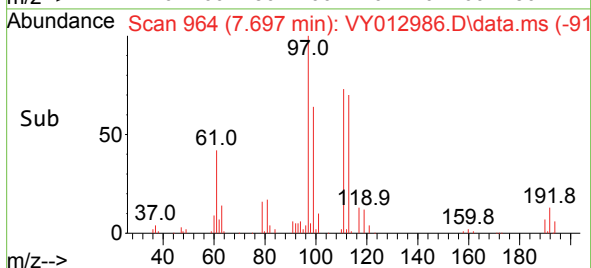
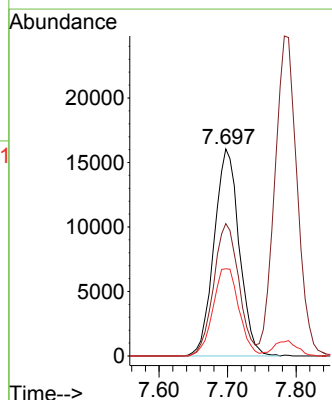
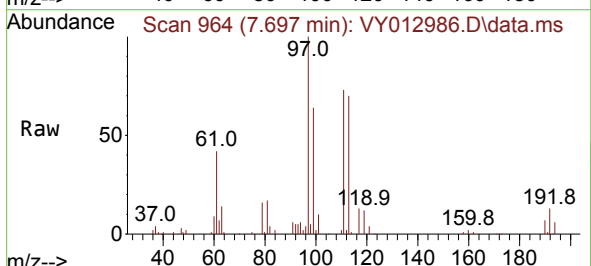
Tgt Ion: 97 Resp: 40784

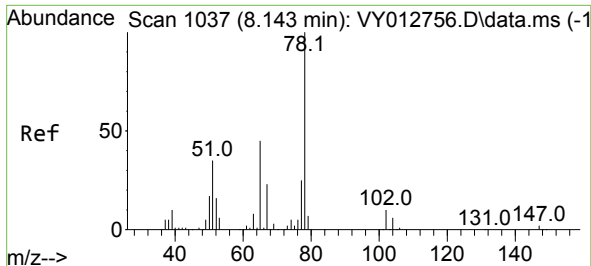
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

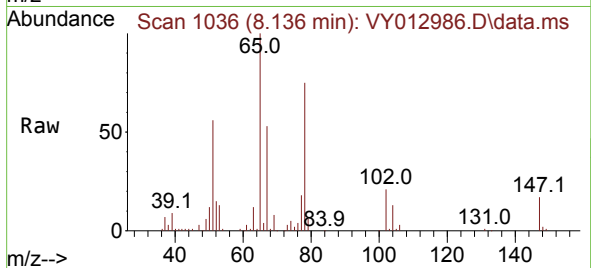
61 43.6 34.5 51.7



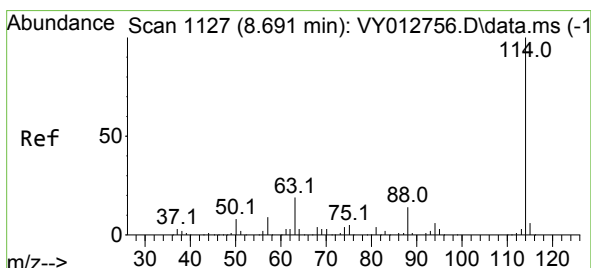
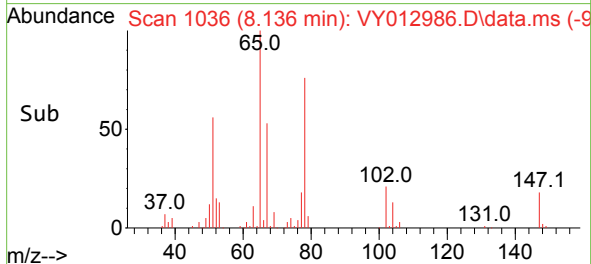
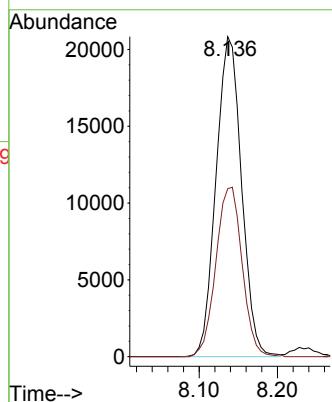


#33
 1,2-Dichloroethane-d4
 Concen: 45.007 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

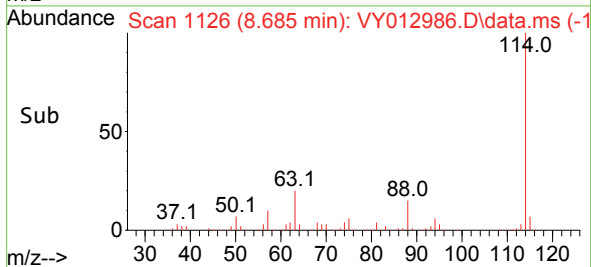
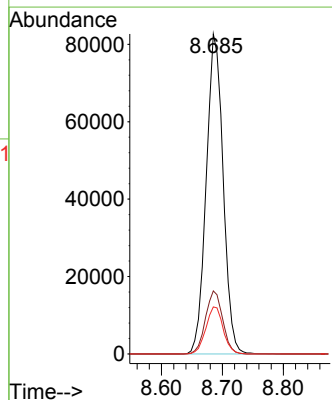
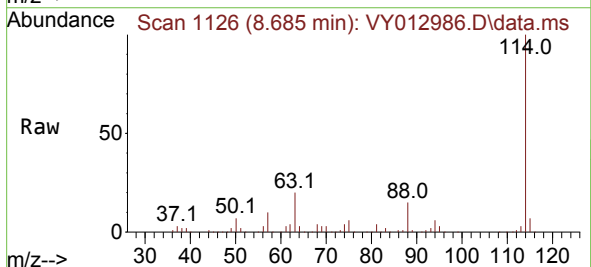


Tgt Ion: 65 Resp: 47120
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Tgt Ion: 114 Resp: 159434
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.7 0.0 28.6

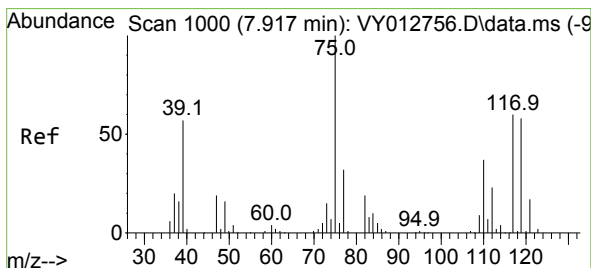
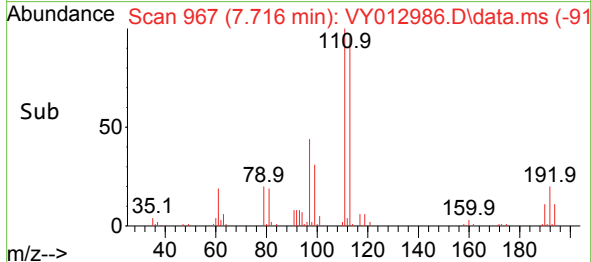
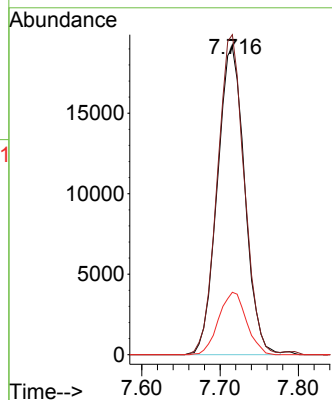
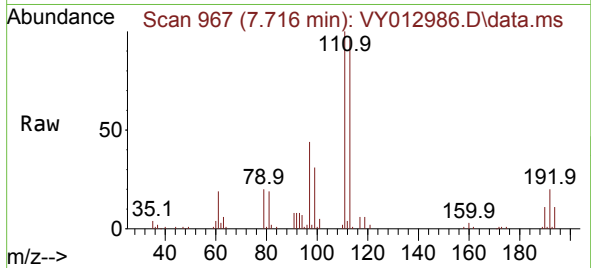




#35
Dibromofluoromethane
Concen: 48.211 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

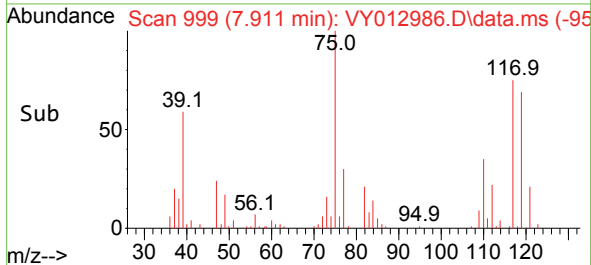
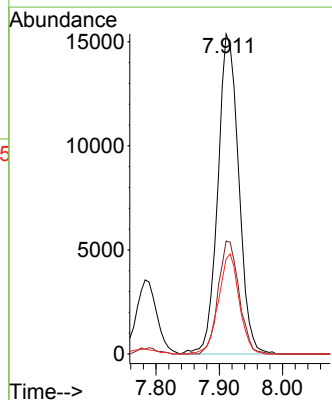
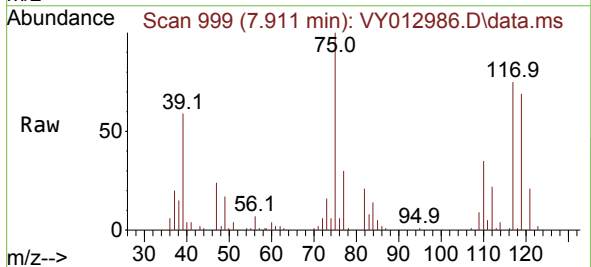
Instrument :
MSVOA_Y
ClientSampleId :

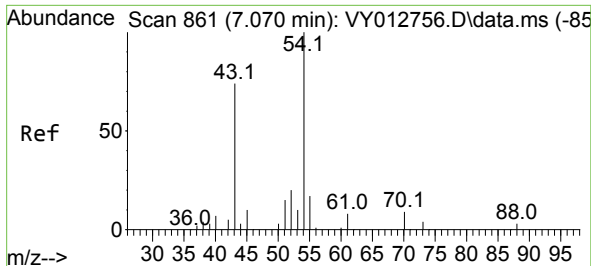
Tgt Ion:113 Resp: 46388
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.836 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 75 Resp: 35209
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 21.532 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

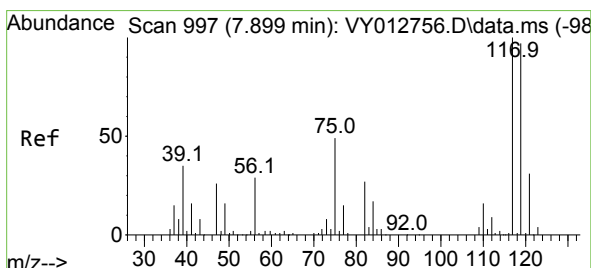
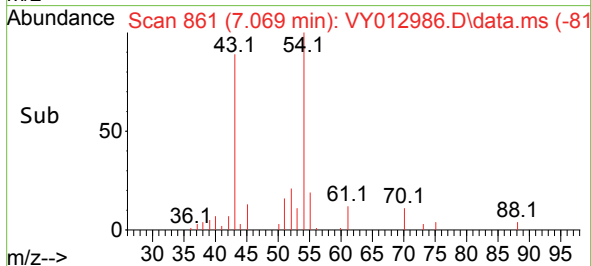
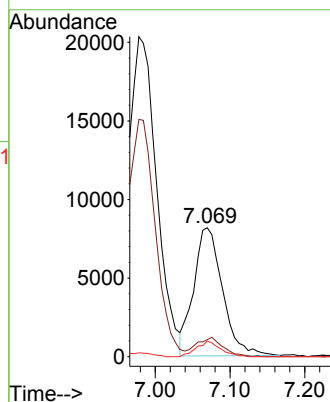
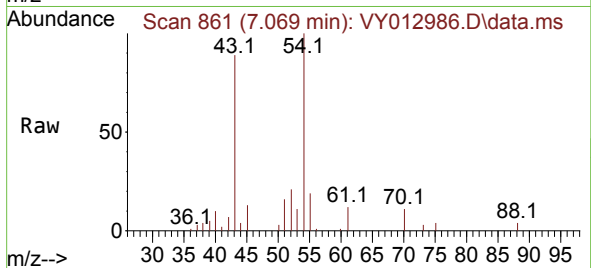
Tgt Ion: 43 Resp: 21882

Ion Ratio Lower Upper

43 100

61 14.0 10.7 16.1

70 10.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.756 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

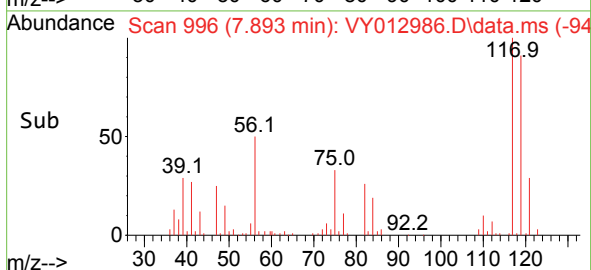
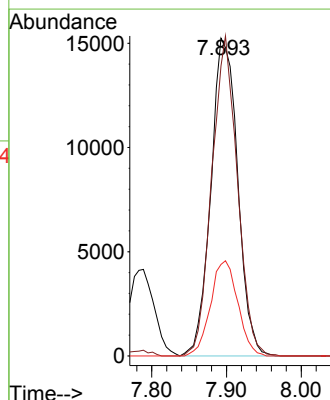
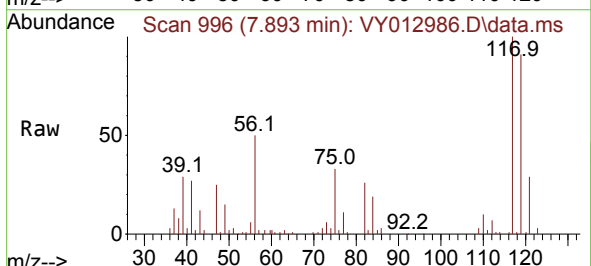
Tgt Ion: 117 Resp: 37891

Ion Ratio Lower Upper

117 100

119 91.3 77.2 115.8

121 28.8 24.7 37.1





#39

Methylcyclohexane

Concen: 21.189 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

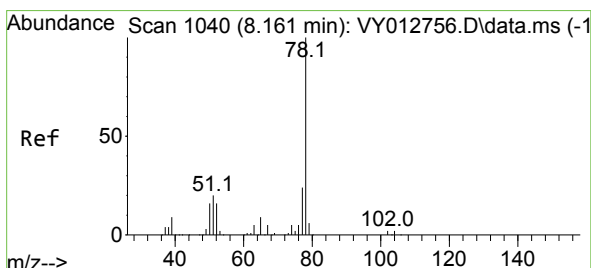
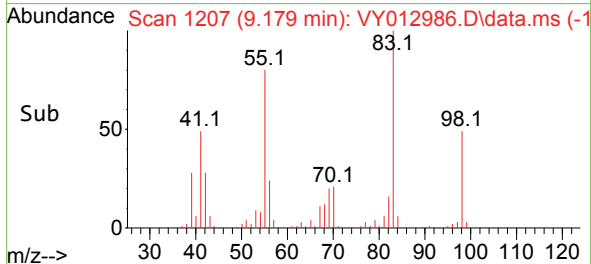
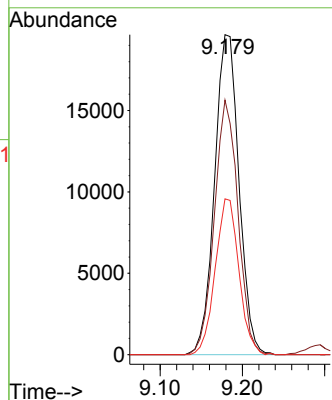
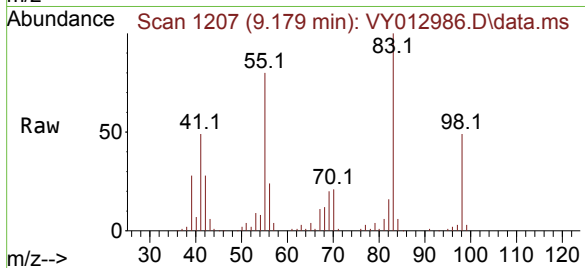
Tgt Ion: 83 Resp: 40618

Ion Ratio Lower Upper

83 100

55 79.6 60.0 90.0

98 48.7 38.3 57.5



#40

Benzene

Concen: 21.980 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012986.D

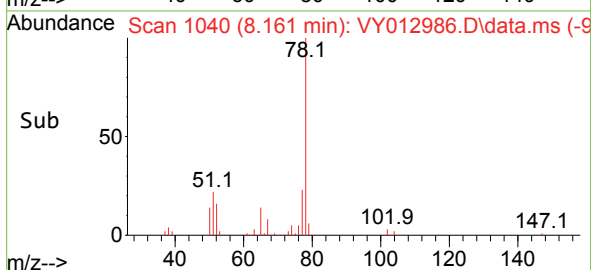
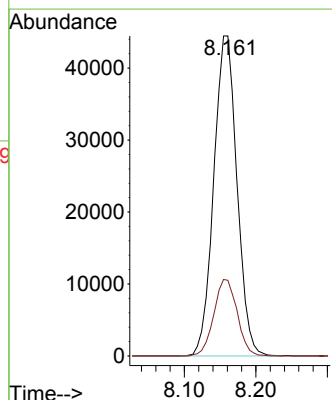
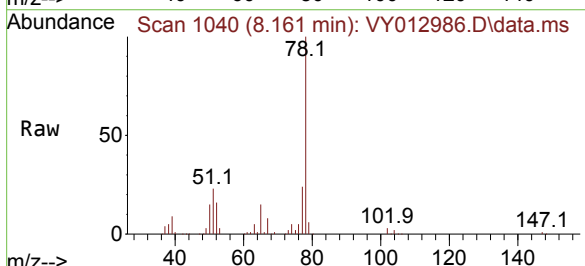
Acq: 17 Mar 2023 15:01

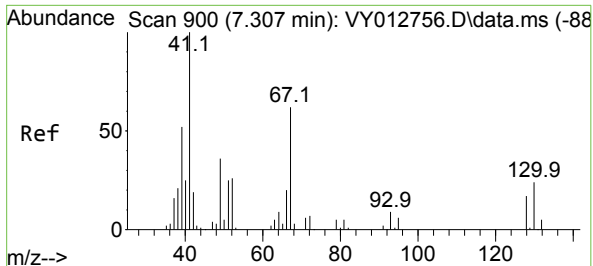
Tgt Ion: 78 Resp: 100253

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

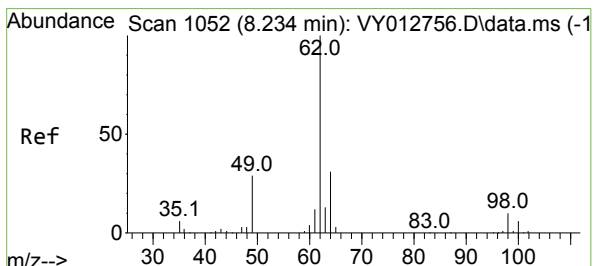
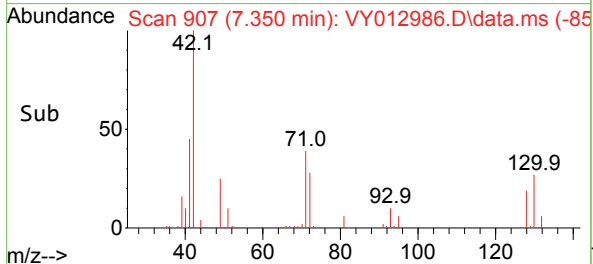
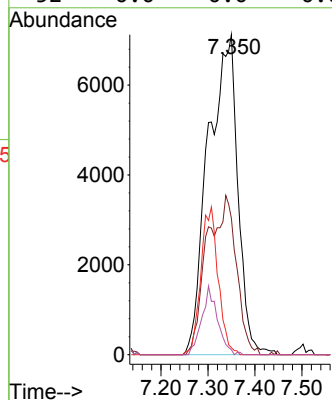
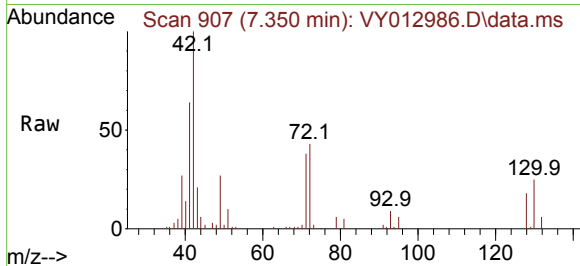




#41
Methacrylonitrile
Concen: 56.710 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

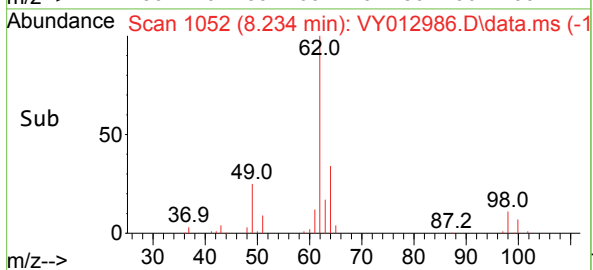
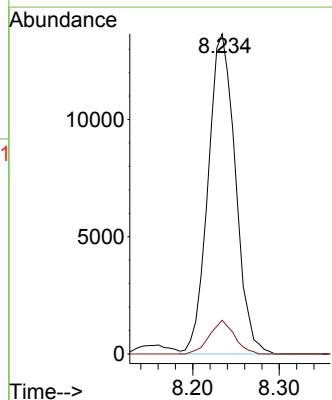
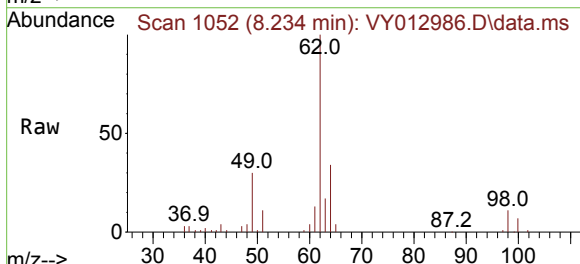
Instrument :
MSVOA_Y
ClientSampleId :

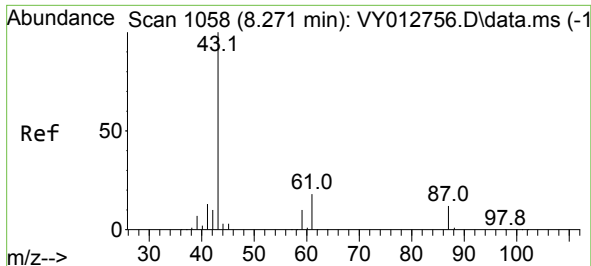
Tgt Ion:	41	Resp:	31051
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.816 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:	62	Resp:	29915
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

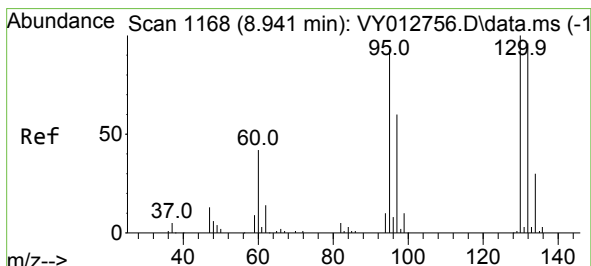
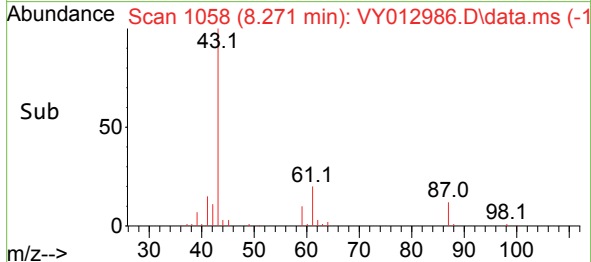
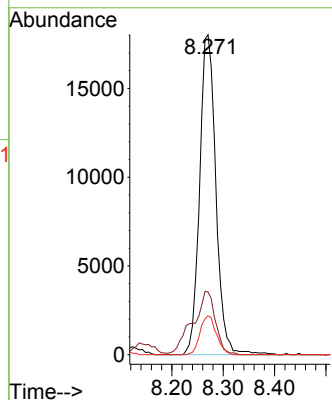
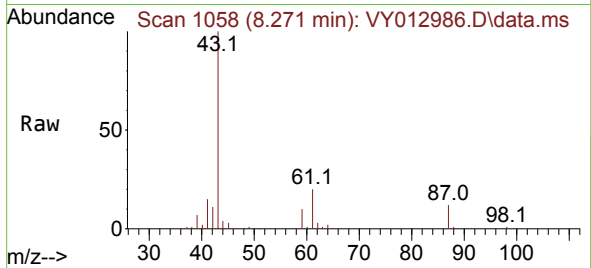




#43
Isopropyl Acetate
Concen: 21.845 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

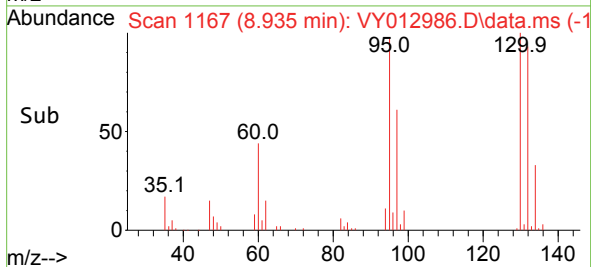
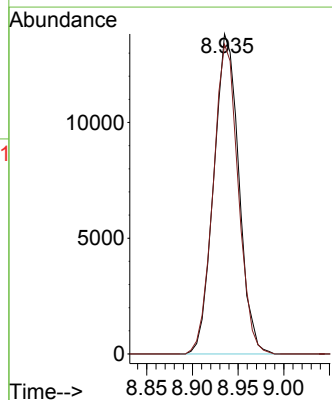
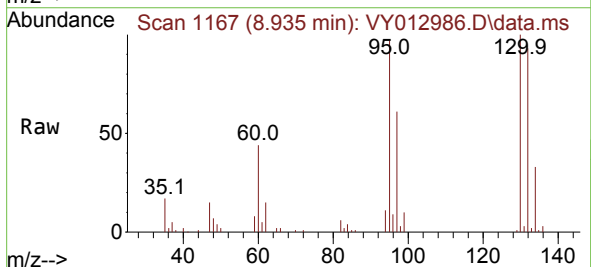
Instrument :
MSVOA_Y
ClientSampleId :

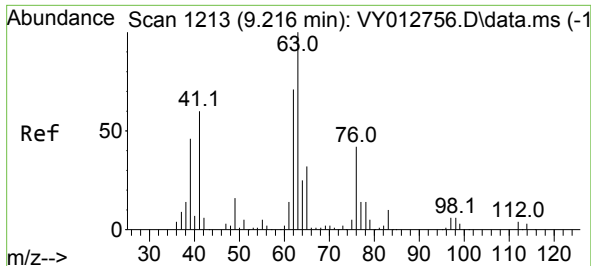
Tgt Ion: 43 Resp: 39609
Ion Ratio Lower Upper
43 100
61 27.6 21.6 32.4
87 12.2 9.9 14.9



#44
Trichloroethene
Concen: 21.913 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:130 Resp: 26351
Ion Ratio Lower Upper
130 100
95 96.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.843 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

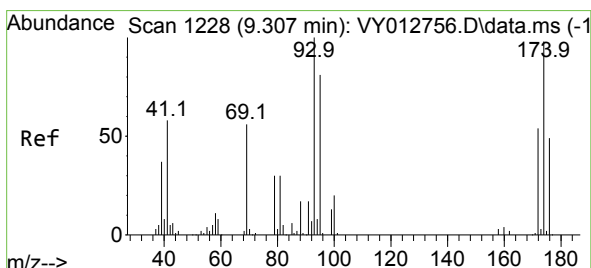
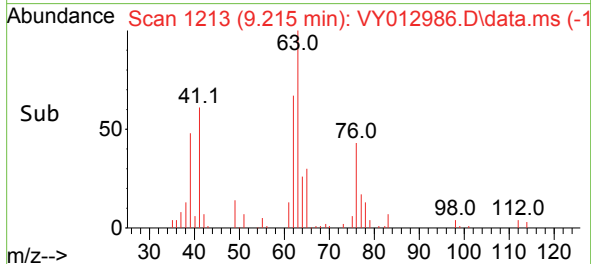
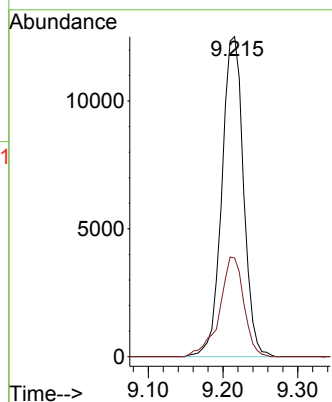
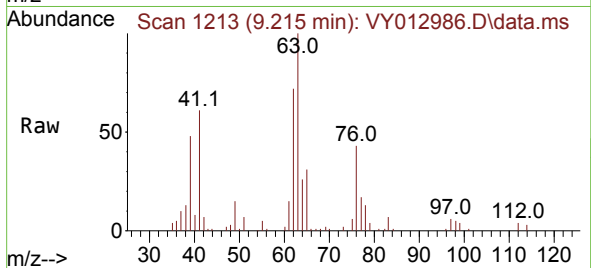
ClientSampleId :

Tgt Ion: 63 Resp: 25178

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 22.233 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

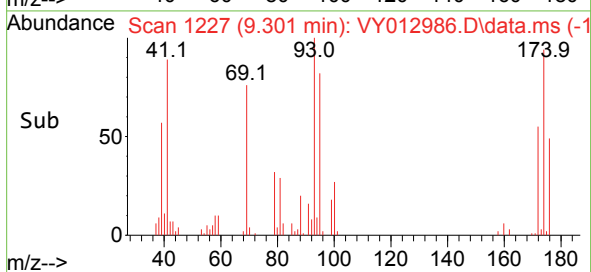
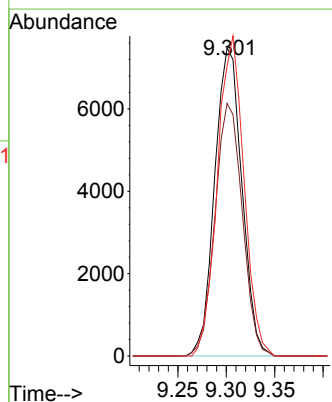
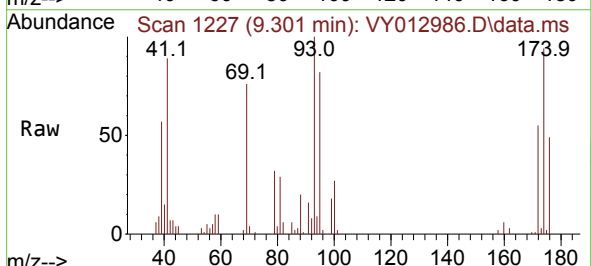
Tgt Ion: 93 Resp: 14600

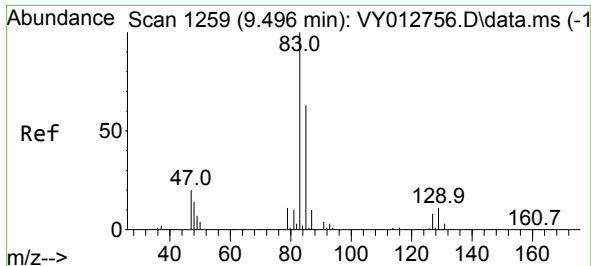
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 101.7 81.3 121.9

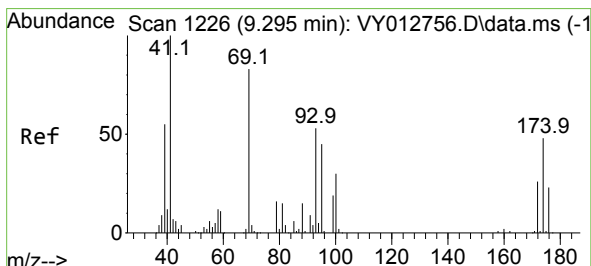
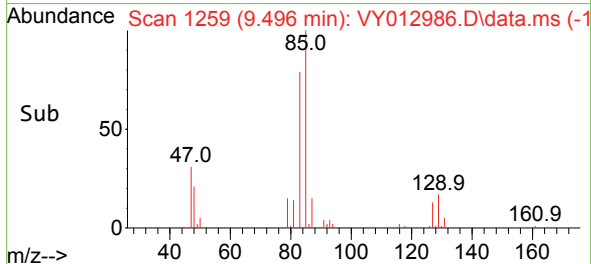
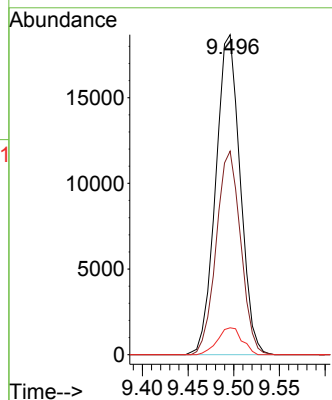
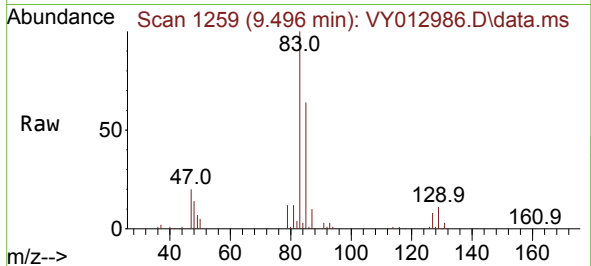




#47
Bromodichloromethane
Concen: 22.455 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

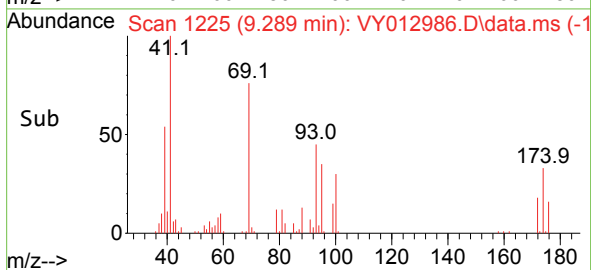
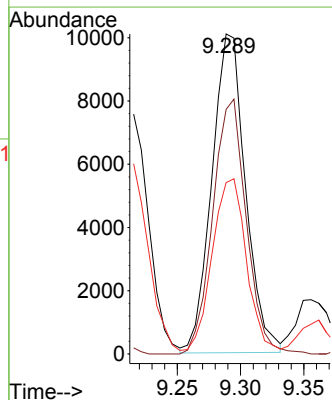
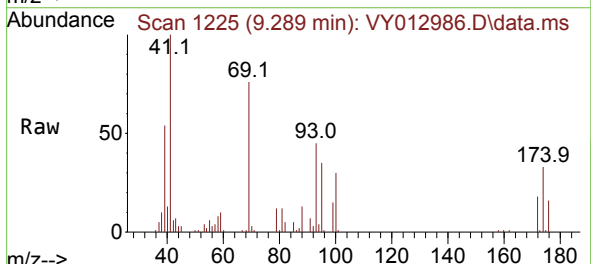
Instrument :
MSVOA_Y
ClientSampleId :

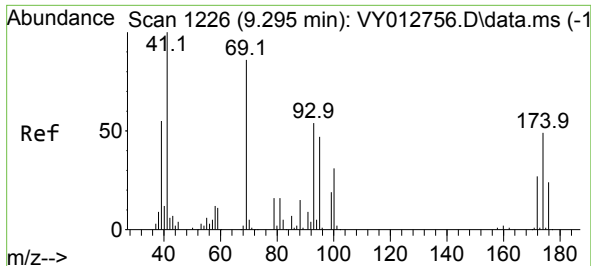
Tgt Ion: 83 Resp: 34749
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 22.379 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 41 Resp: 18697
Ion Ratio Lower Upper
41 100
69 79.3 64.1 96.1
39 54.4 44.0 66.0

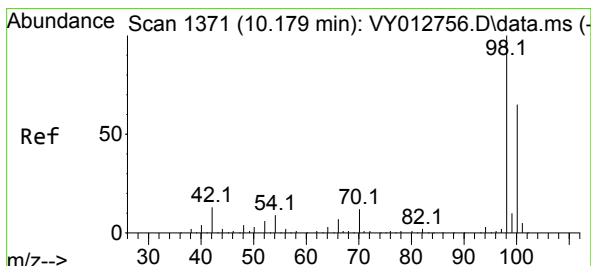
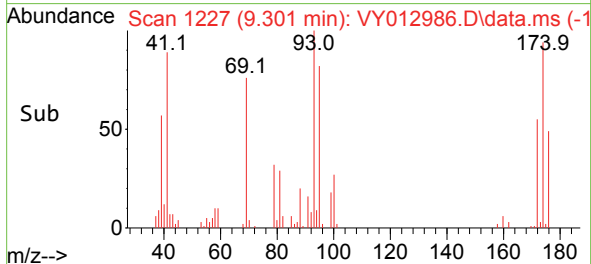
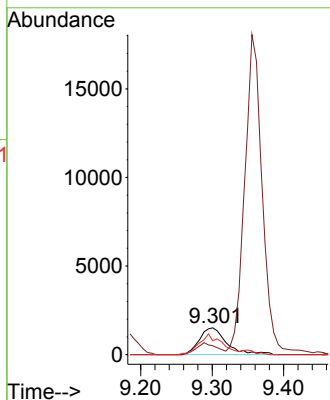
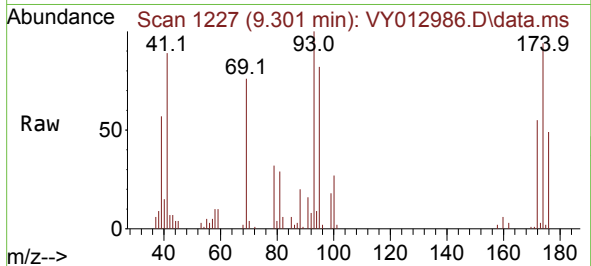




#49
1,4-Dioxane
Concen: 473.530 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

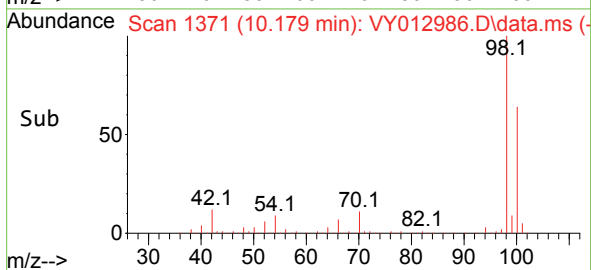
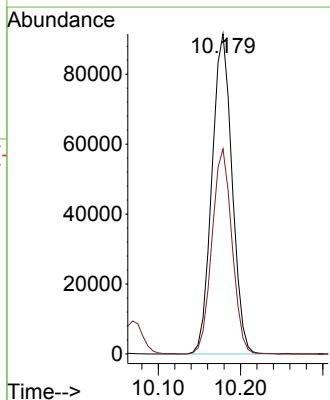
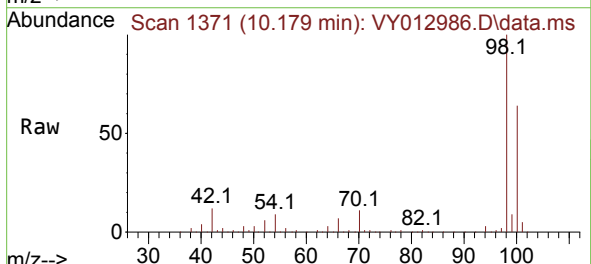
Instrument :
MSVOA_Y
ClientSampleId :

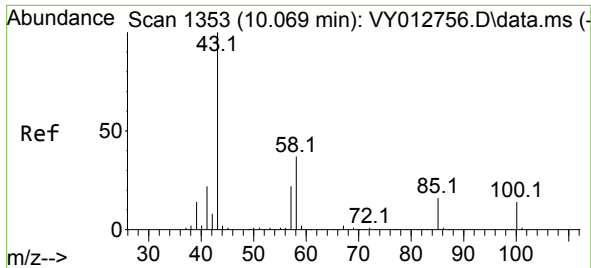
Tgt Ion: 88 Resp: 4020
Ion Ratio Lower Upper
88 100
43 33.4 28.6 42.8
58 64.5 55.2 82.8



#50
Toluene-d8
Concen: 44.333 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 98 Resp: 155943
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

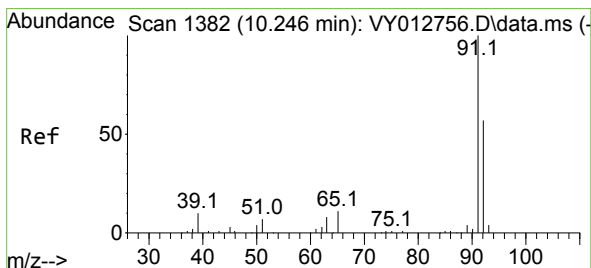
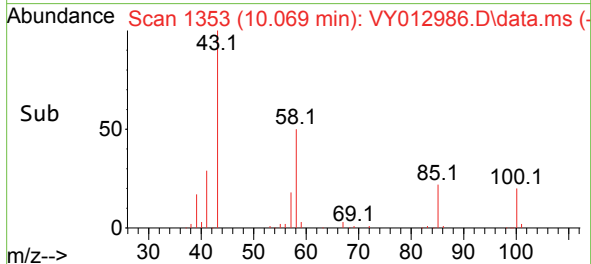
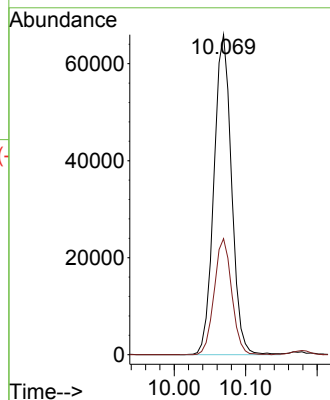
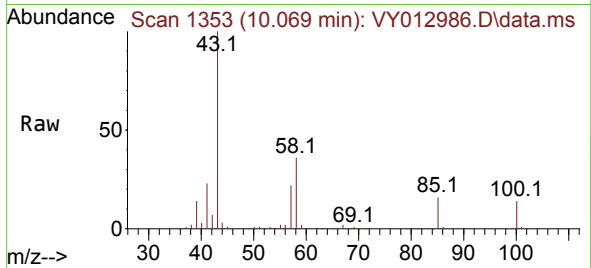




#51
4-Methyl-2-Pentanone
Concen: 114.820 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

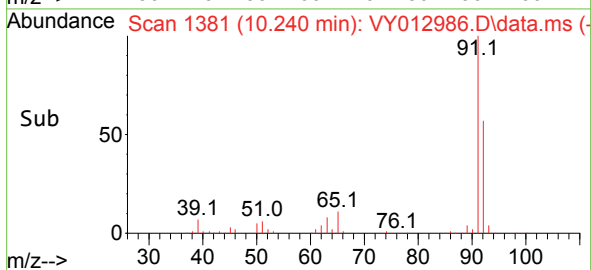
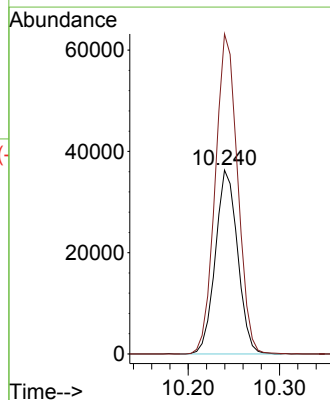
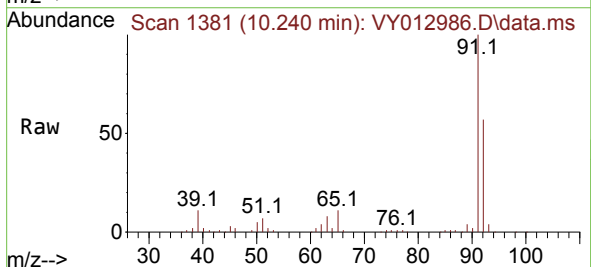
Instrument :
MSVOA_Y
ClientSampleId :

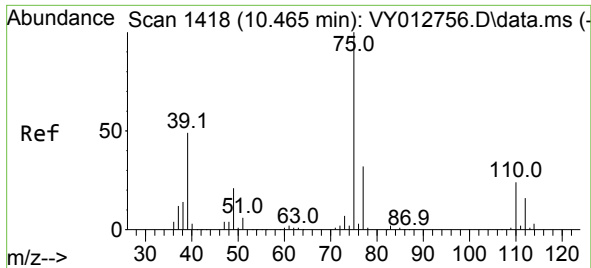
Tgt Ion: 43 Resp: 112928
Ion Ratio Lower Upper
43 100
58 36.1 29.8 44.6



#52
Toluene
Concen: 22.298 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 92 Resp: 61335
Ion Ratio Lower Upper
92 100
91 175.2 141.3 211.9

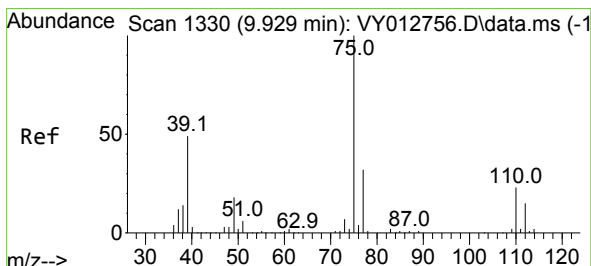
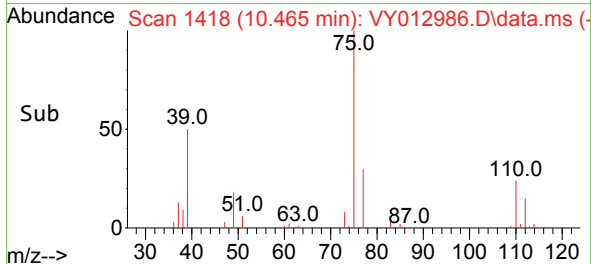
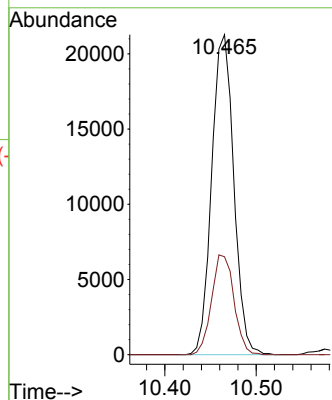
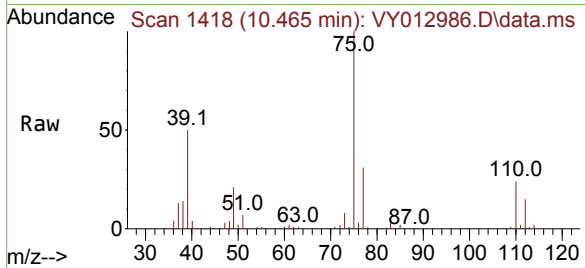




#53
 t-1,3-Dichloropropene
 Concen: 21.967 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

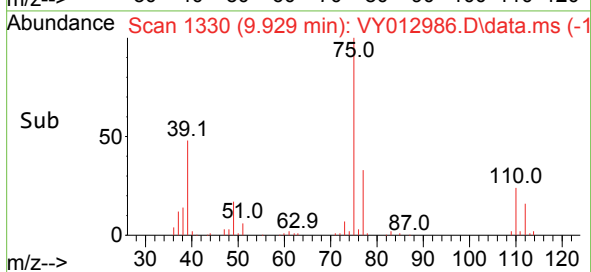
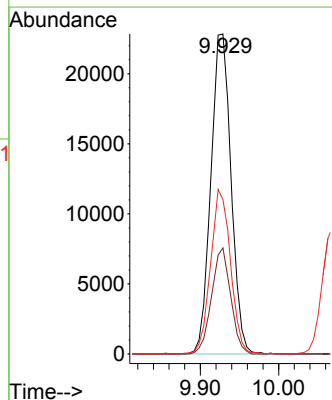
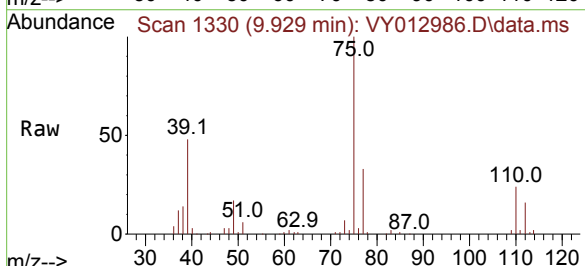
Instrument :
 MSVOA_Y
 ClientSampleId :

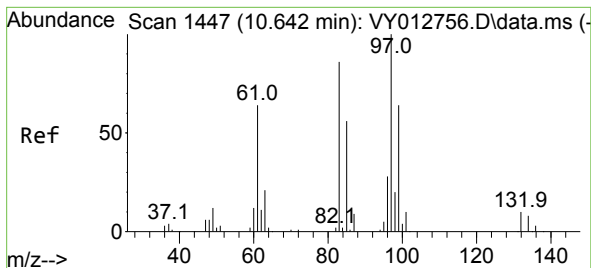
Tgt Ion: 75 Resp: 35657
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.276 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Tgt Ion: 75 Resp: 40926
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0
 39 48.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.961 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 20084

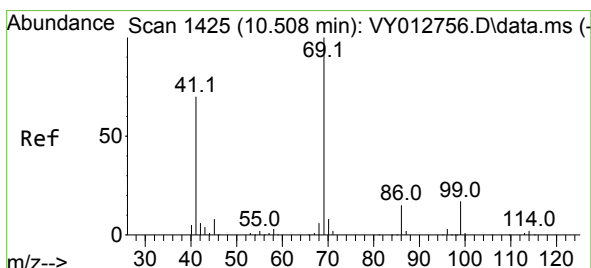
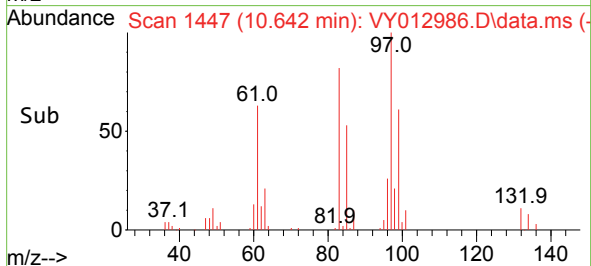
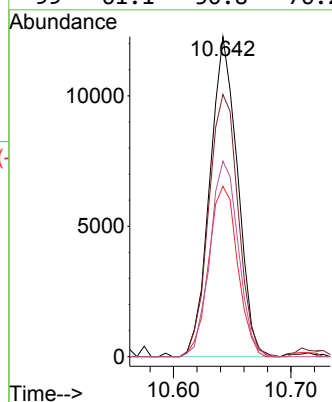
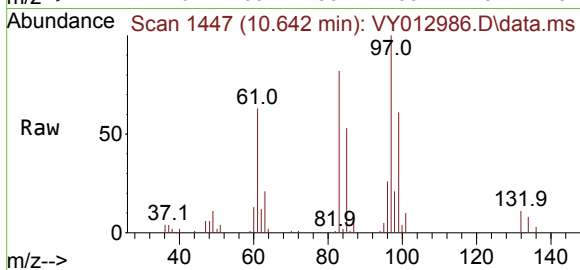
Ion Ratio Lower Upper

97 100

83 82.0 69.0 103.6

85 53.3 44.9 67.3

99 61.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.775 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

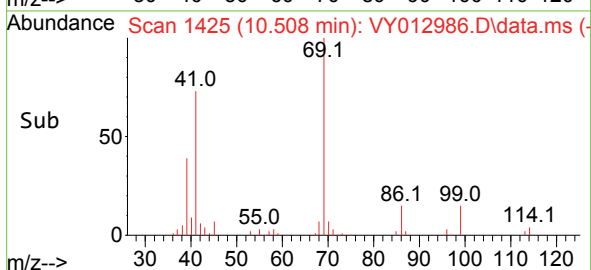
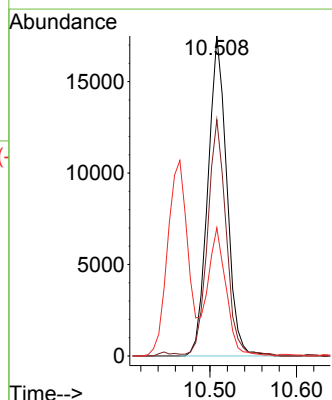
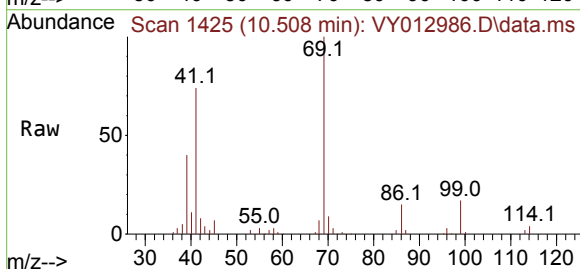
Tgt Ion: 69 Resp: 26554

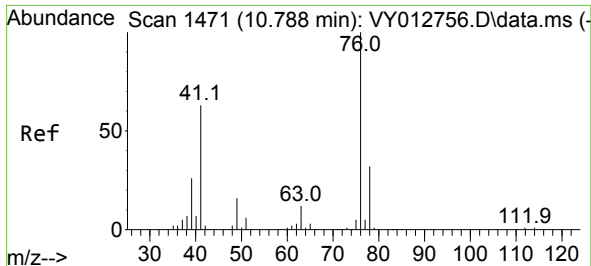
Ion Ratio Lower Upper

69 100

41 72.7 56.4 84.6

39 40.0 30.8 46.2

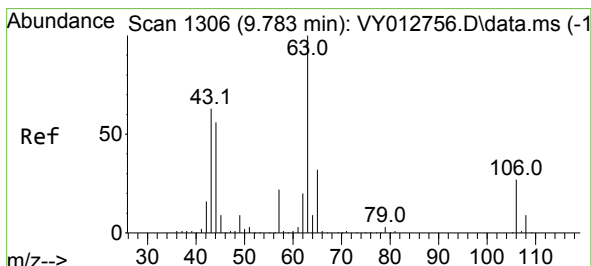
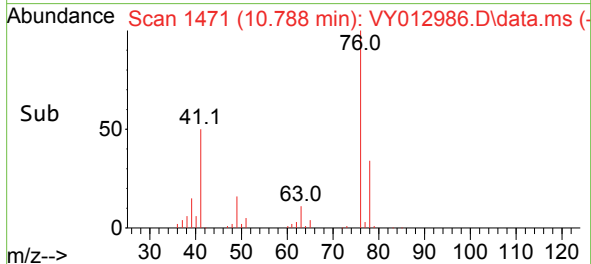
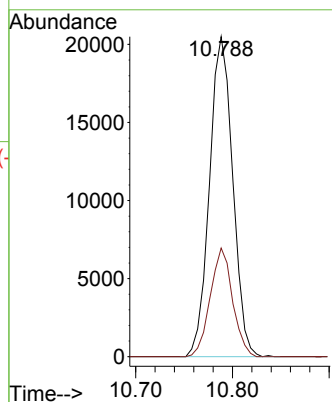
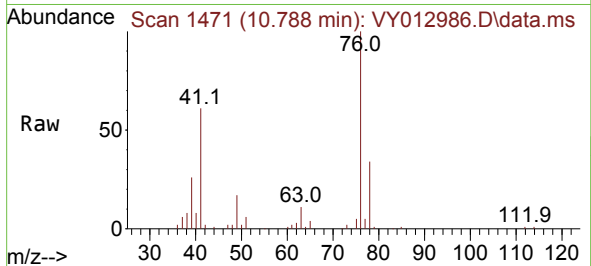




#57
1,3-Dichloropropane
Concen: 21.976 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

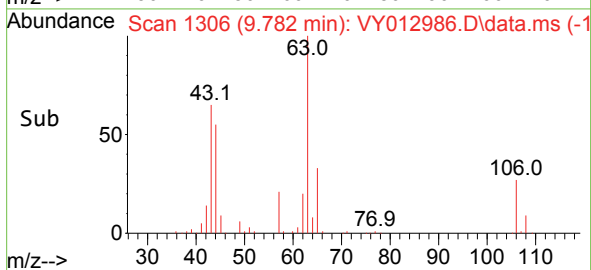
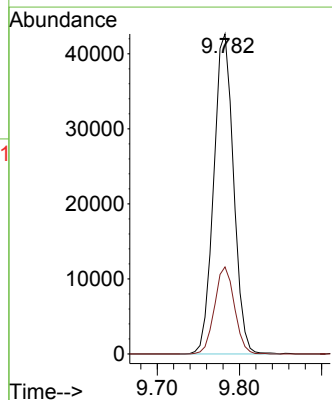
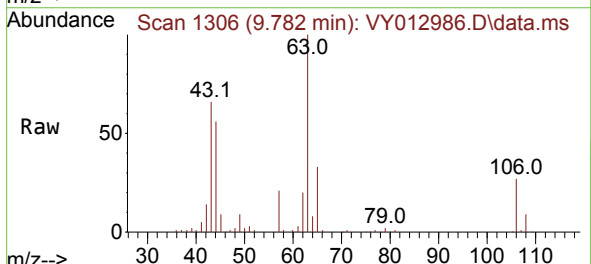
Instrument :
MSVOA_Y
ClientSampleId :

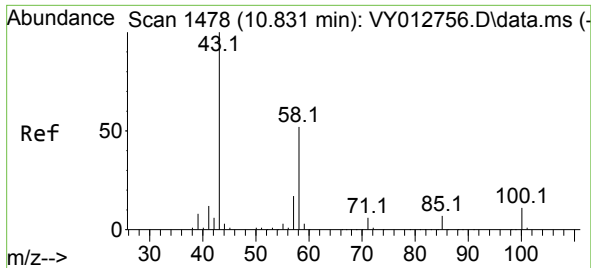
Tgt Ion: 76 Resp: 34232
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 111.708 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 63 Resp: 71511
Ion Ratio Lower Upper
63 100
106 27.2 22.1 33.1

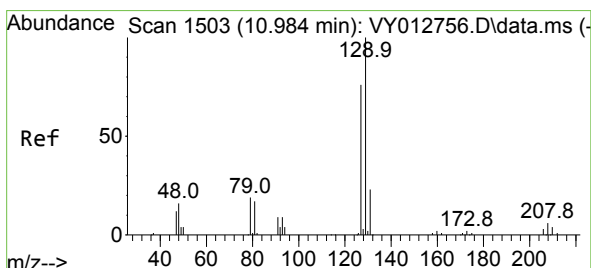
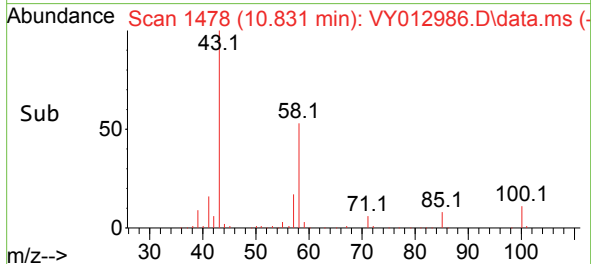
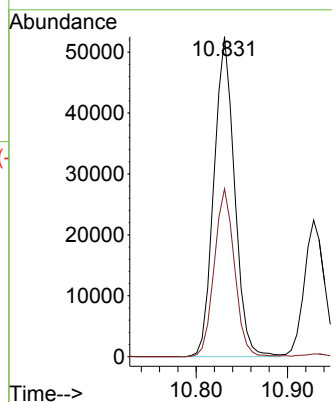
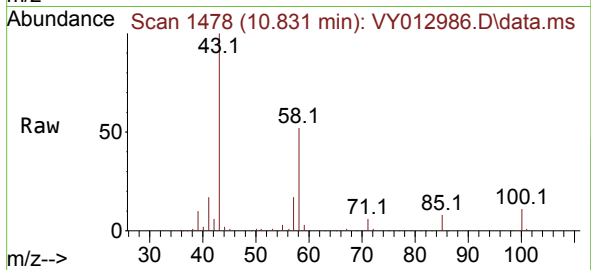




#59
2-Hexanone
Concen: 115.090 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

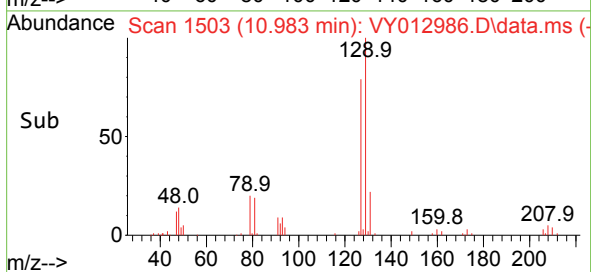
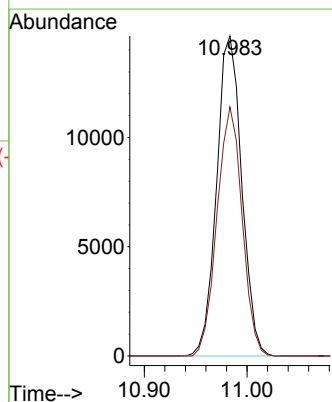
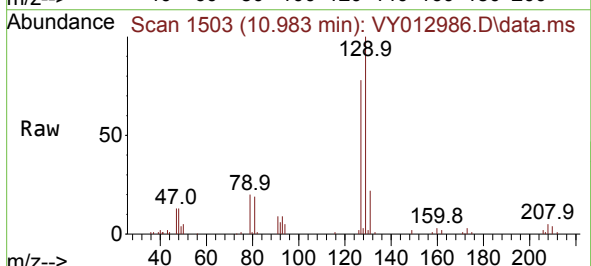
Instrument :
MSVOA_Y
ClientSampleId :

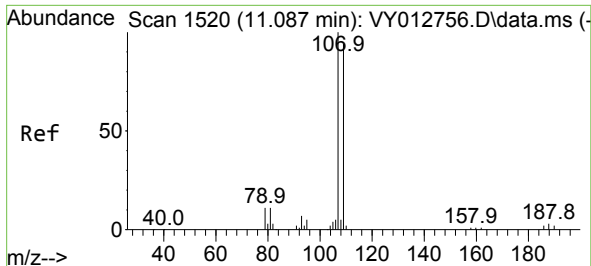
Tgt Ion: 43 Resp: 82267
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8



#60
Dibromochloromethane
Concen: 22.312 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion: 129 Resp: 24839
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

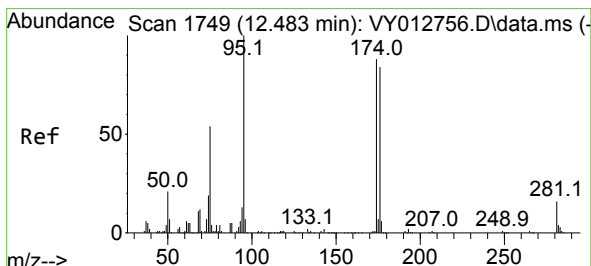
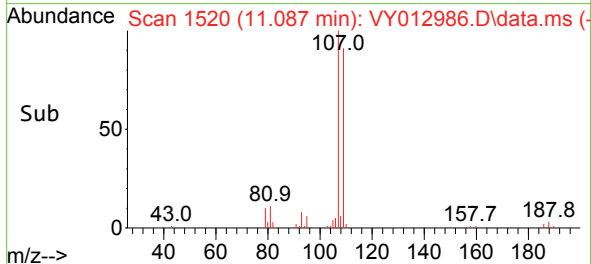
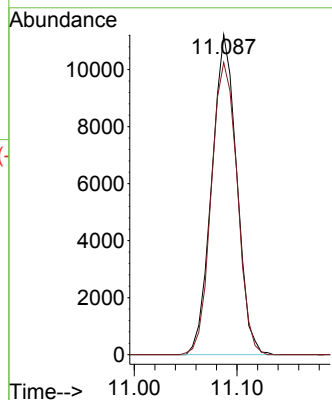
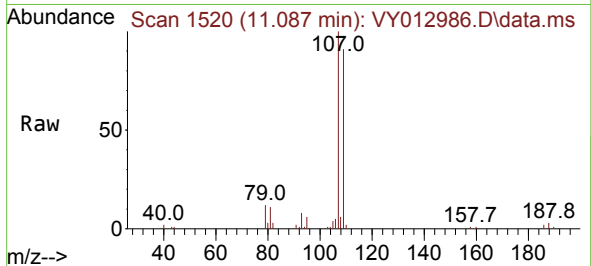




#61
1,2-Dibromoethane
Concen: 21.517 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

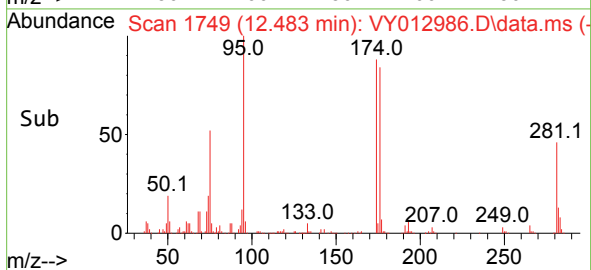
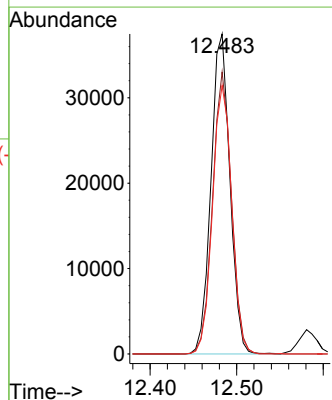
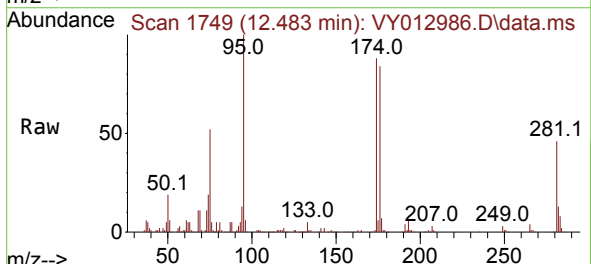
Instrument :
MSVOA_Y
ClientSampleId :

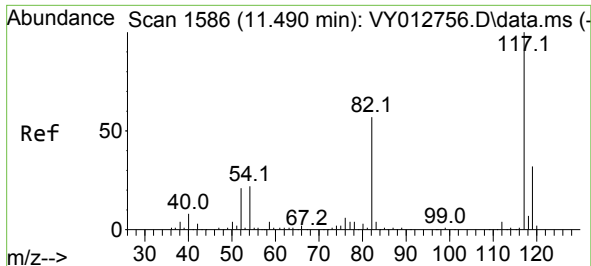
Tgt Ion:107 Resp: 18956
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 47.881 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

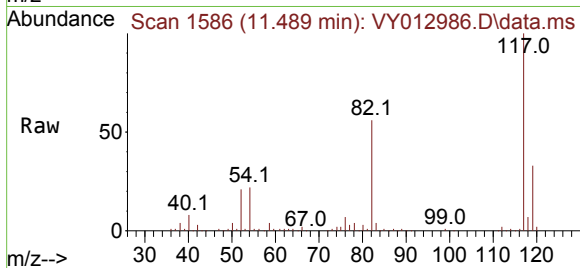
Tgt Ion: 95 Resp: 56847
Ion Ratio Lower Upper
95 100
174 88.1 0.0 176.6
176 85.5 0.0 170.2



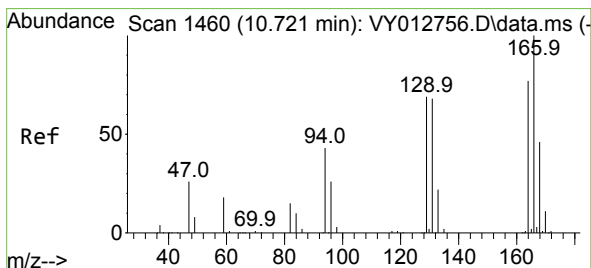
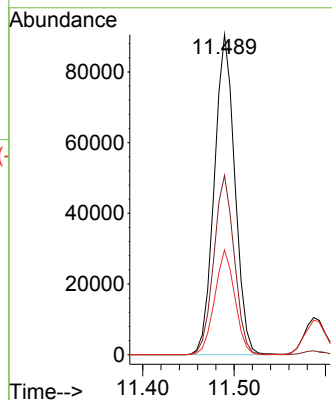
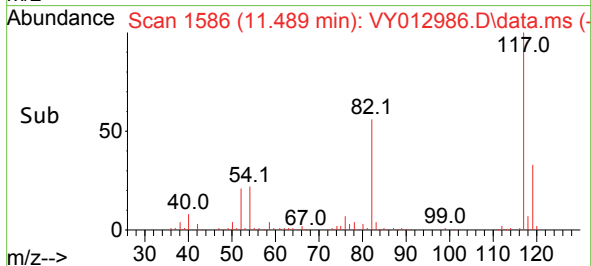


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

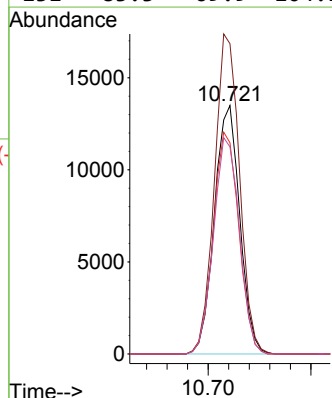
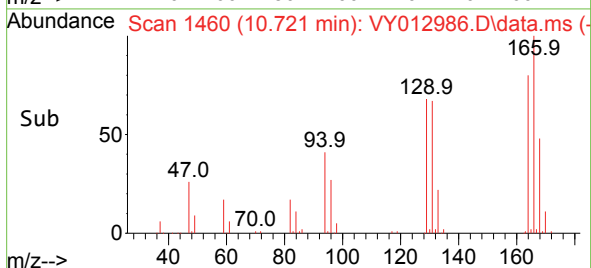
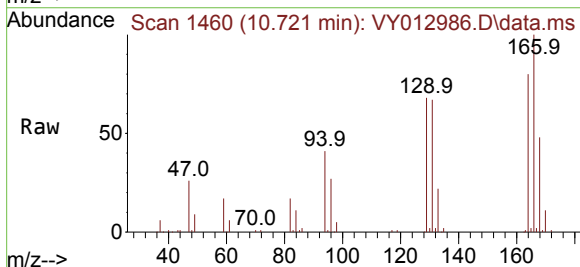


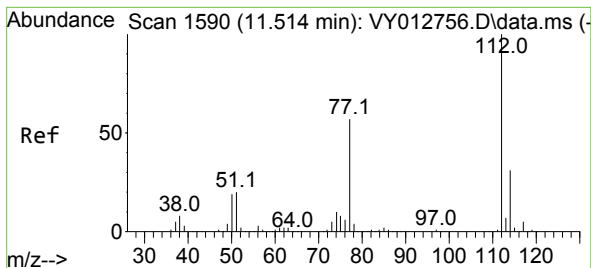
Tgt Ion:117 Resp: 141488
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 22.438 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:164 Resp: 23114
Ion Ratio Lower Upper
164 100
166 124.9 103.4 155.2
129 85.0 71.4 107.2
131 83.3 69.9 104.9

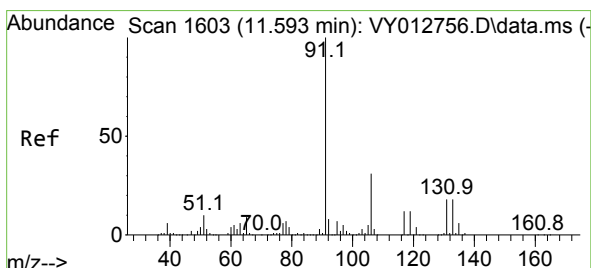
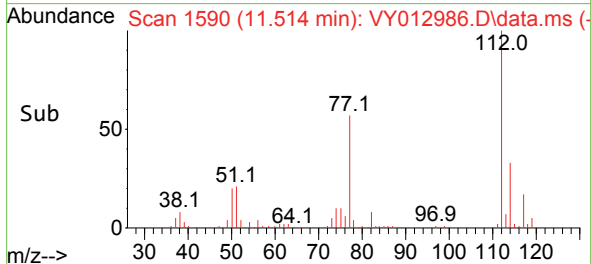
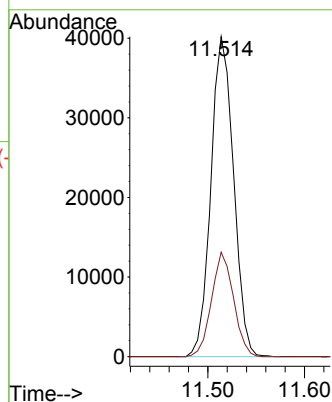
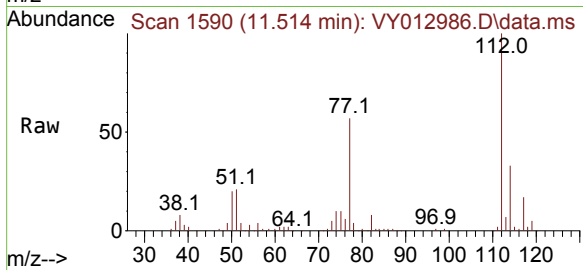




#65
Chlorobenzene
Concen: 22.079 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

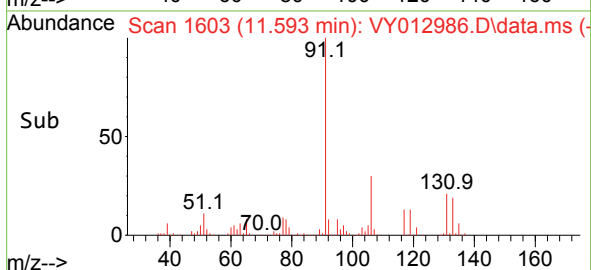
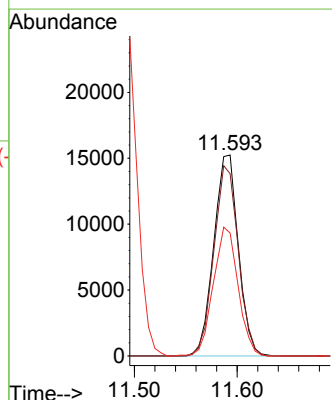
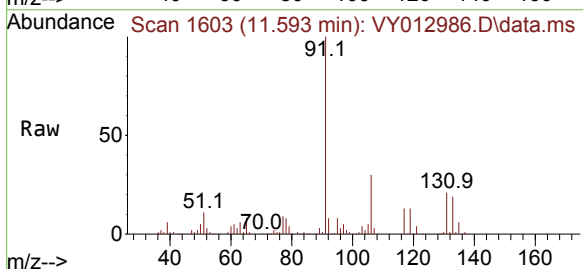
Instrument :
MSVOA_Y
ClientSampleId :

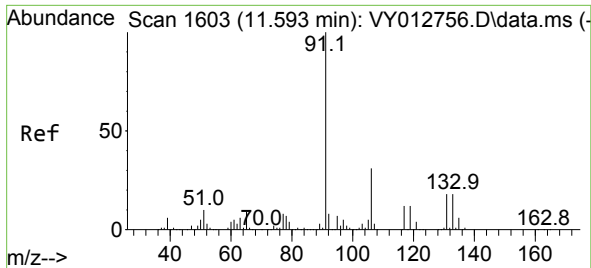
Tgt Ion:112 Resp: 65563
Ion Ratio Lower Upper
112 100
114 32.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.045 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:131 Resp: 25322
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.0
119 64.5 32.6 98.0

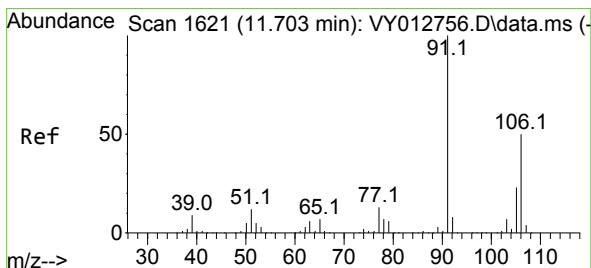
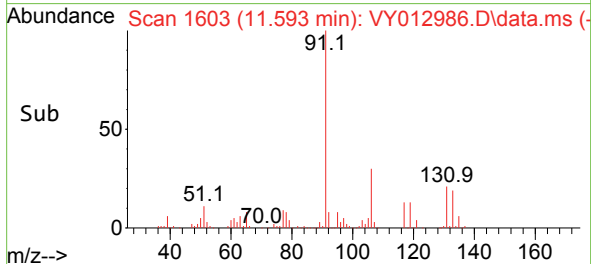
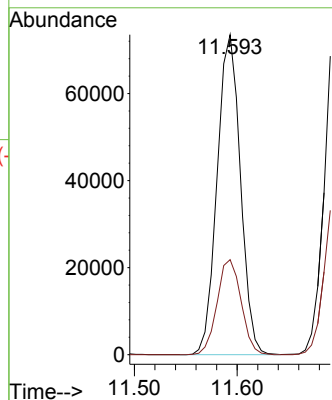
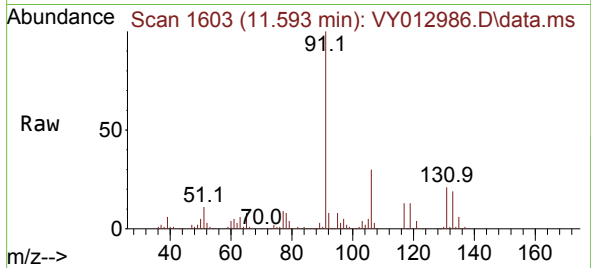




#67
Ethyl Benzene
Concen: 22.125 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

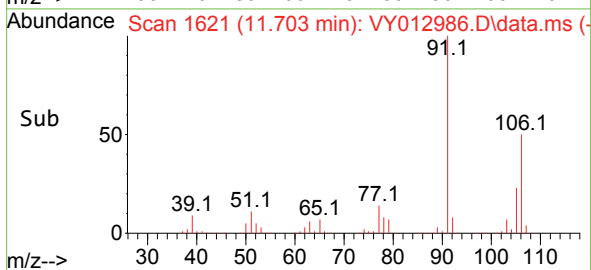
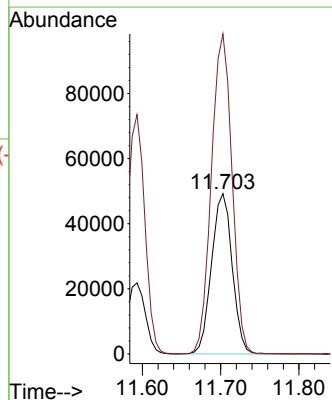
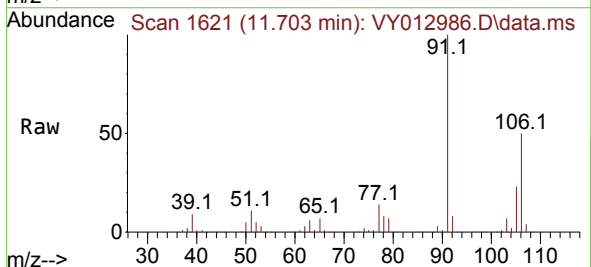
Instrument :
MSVOA_Y
ClientSampleId :

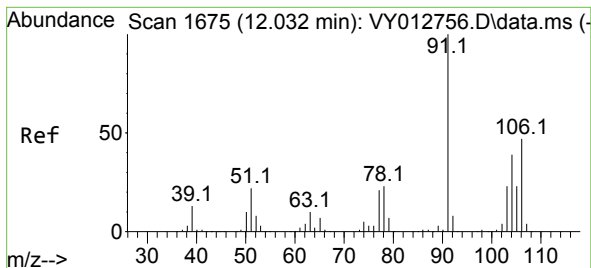
Tgt Ion: 91 Resp: 115508
Ion Ratio Lower Upper
91 100
106 29.7 25.1 37.7



#68
m/p-Xylenes
Concen: 44.937 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:106 Resp: 90253
Ion Ratio Lower Upper
106 100
91 199.1 159.8 239.8





#69

o-Xylene

Concen: 21.671 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

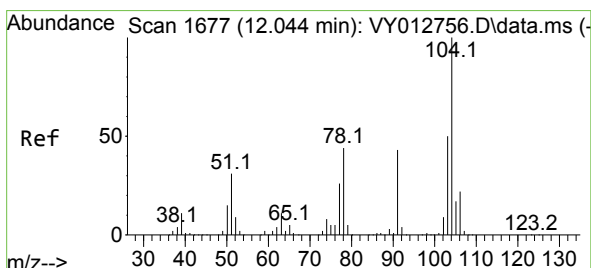
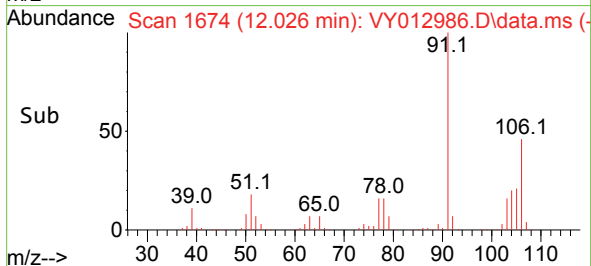
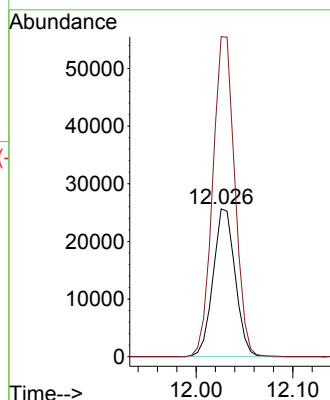
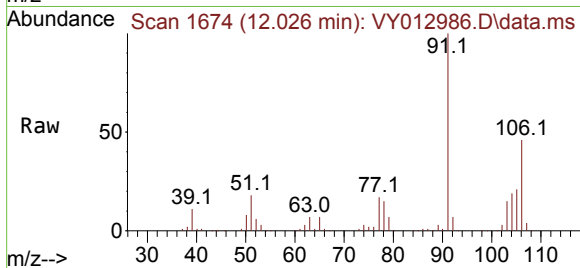
ClientSampleId :

Tgt Ion:106 Resp: 40621

Ion Ratio Lower Upper

106 100

91 216.3 107.2 321.6



#70

Styrene

Concen: 22.836 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

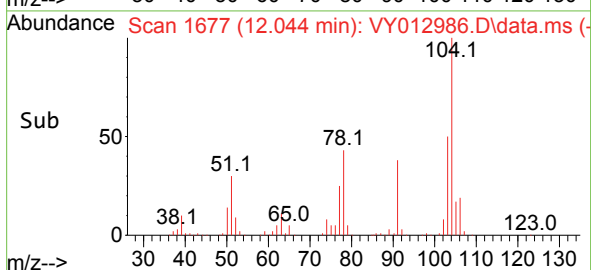
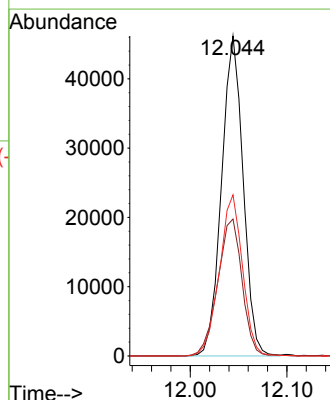
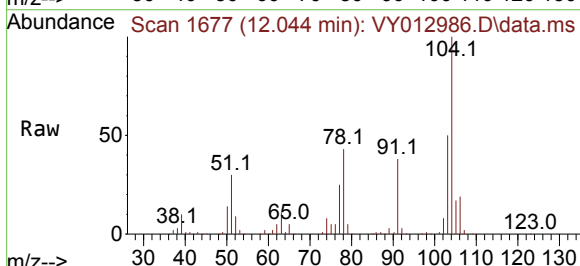
Tgt Ion:104 Resp: 71433

Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 54.1 43.7 65.5





#71

Bromoform

Concen: 22.177 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

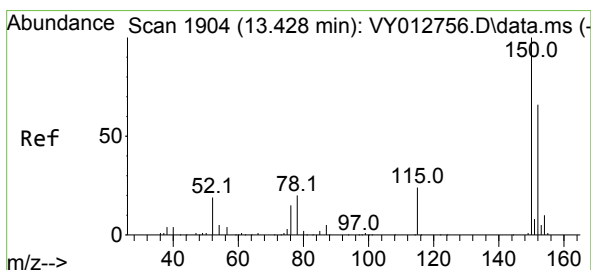
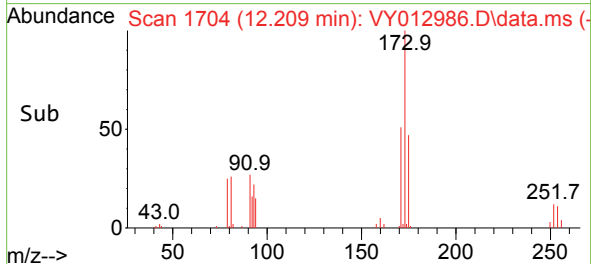
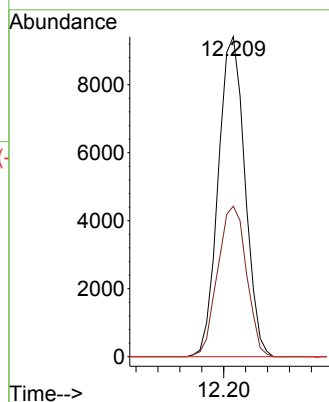
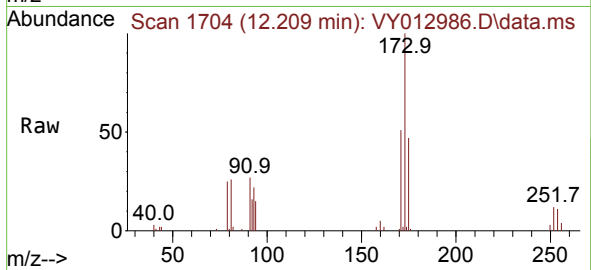
Tgt Ion:173 Resp: 15888

Ion Ratio Lower Upper

173 100

175 50.8 25.0 75.0

254 0.0 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: VY012986.D

Acq: 17 Mar 2023 15:01

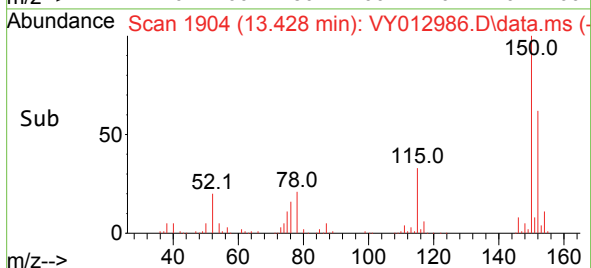
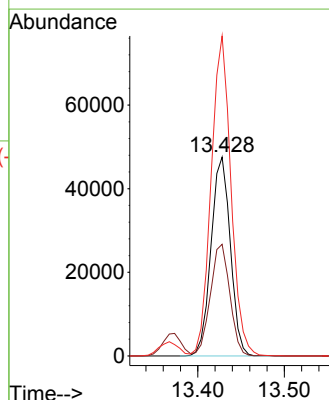
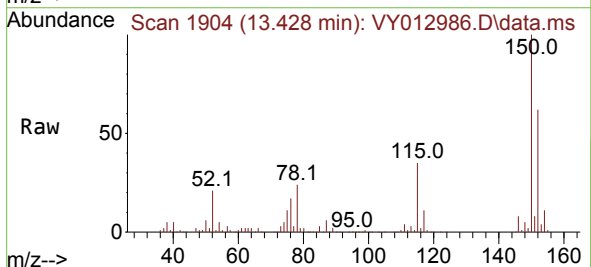
Tgt Ion:152 Resp: 73607

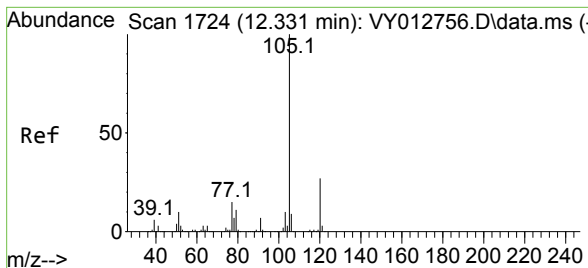
Ion Ratio Lower Upper

152 100

115 56.9 27.1 81.3

150 165.4 0.0 347.8





#73

Isopropylbenzene

Concen: 21.607 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

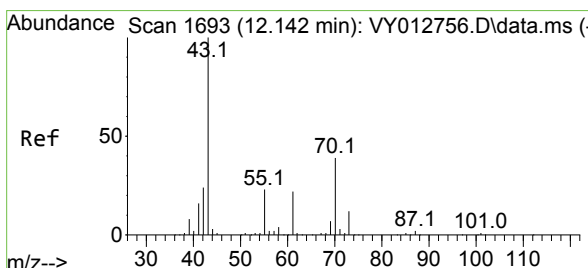
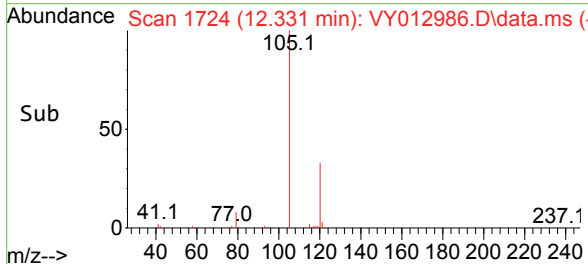
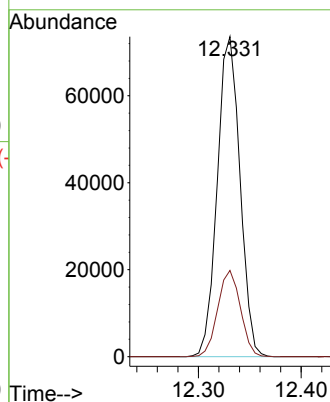
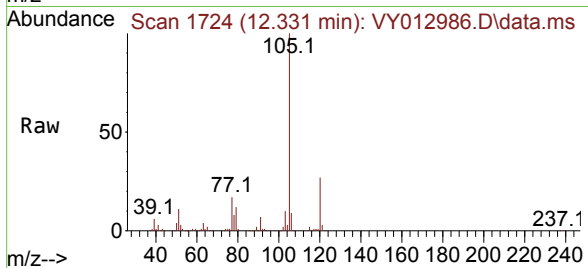
ClientSampleId :

Tgt Ion:105 Resp: 112715

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 21.116 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Tgt Ion: 43 Resp: 34659

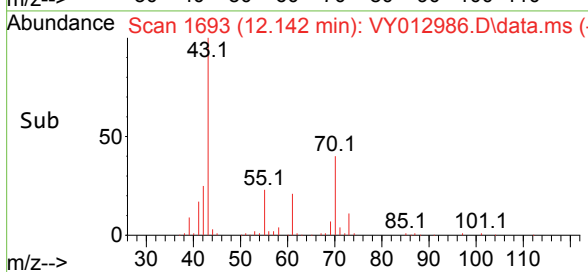
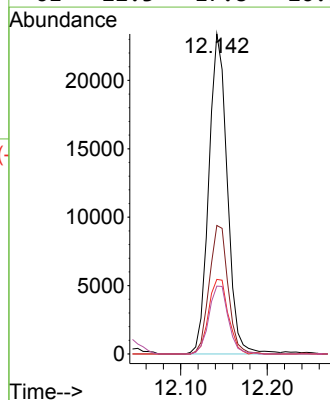
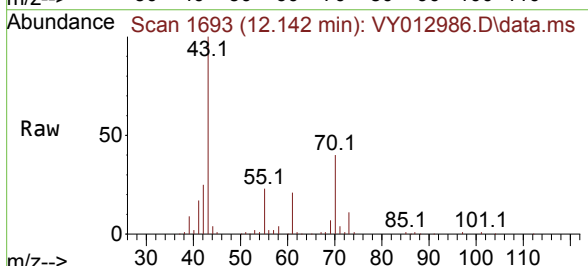
Ion Ratio Lower Upper

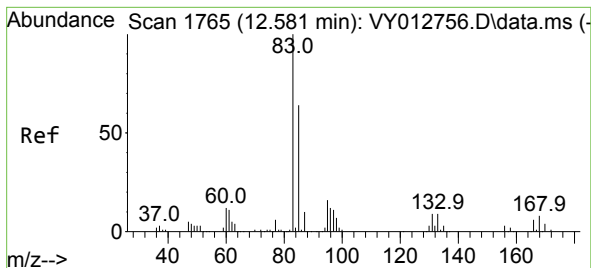
43 100

70 40.8 31.6 47.4

55 24.9 18.8 28.2

61 22.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.597 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012986.D

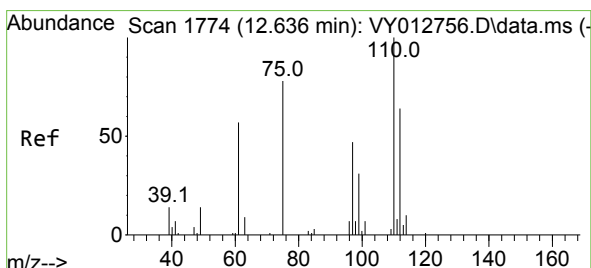
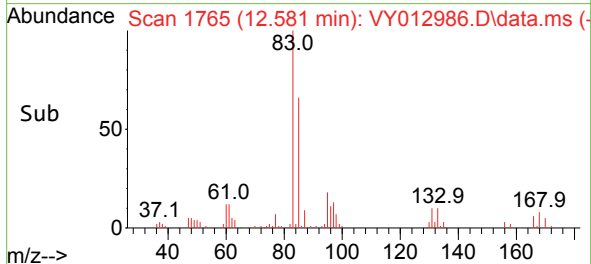
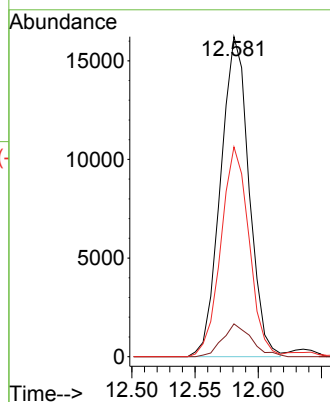
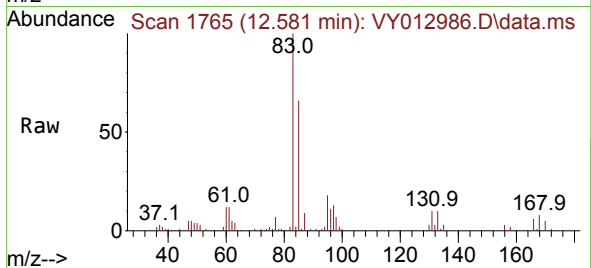
Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 25326
Ion Ratio	Lower Upper
83	100
131	10.4 5.1 15.2
85	64.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 37.092 ug/l

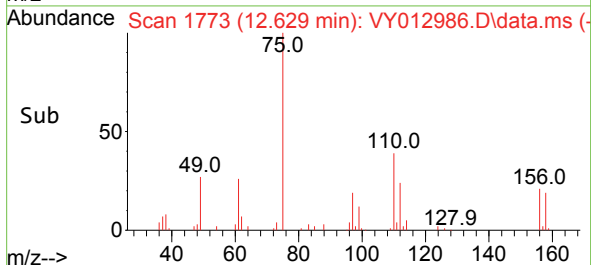
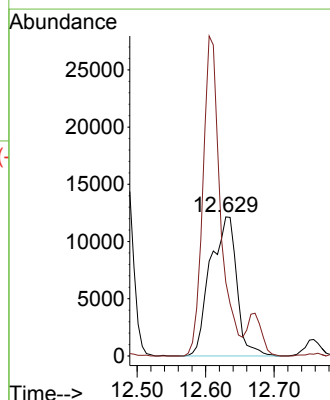
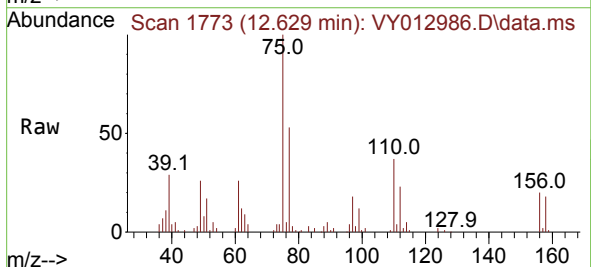
RT: 12.629 min Scan# 1773

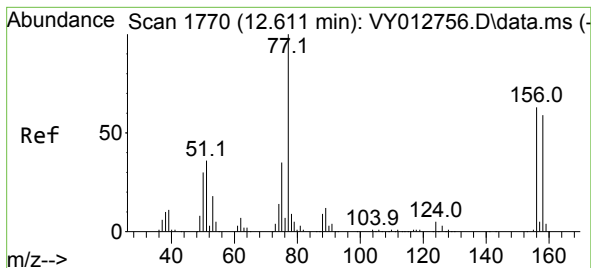
Delta R.T. -0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Tgt Ion: 75	Resp: 32603
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.999 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012986.D

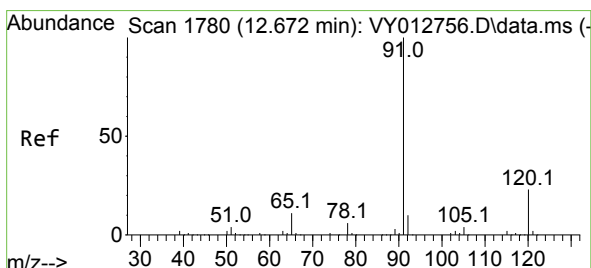
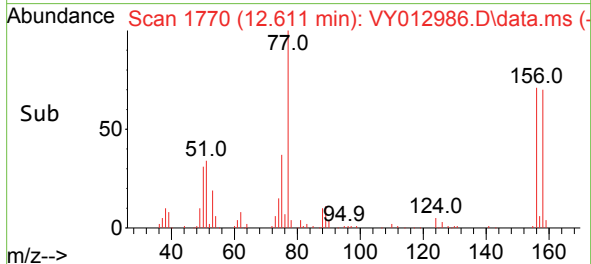
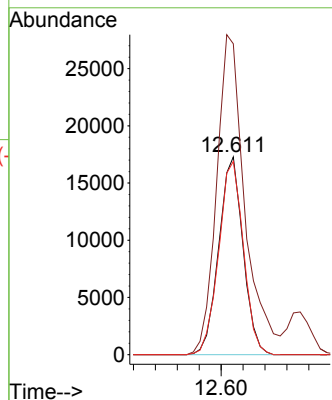
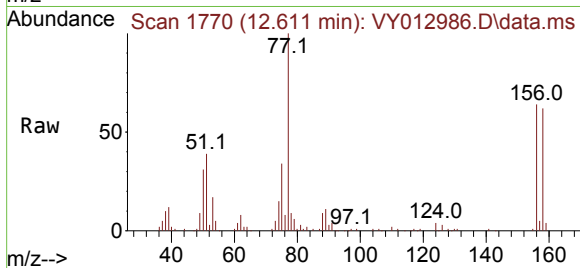
Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	26612
Ion Ratio	Lower	Upper	
156	100		
77	188.6	94.0	282.1
158	99.4	48.1	144.4



#78

n-propylbenzene

Concen: 21.883 ug/l

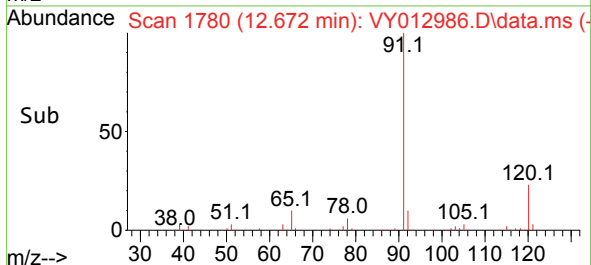
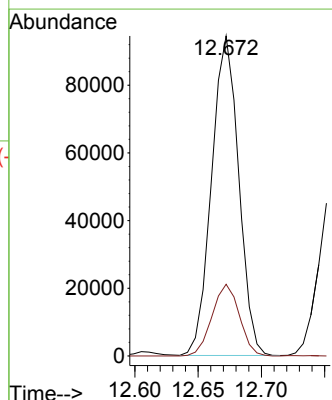
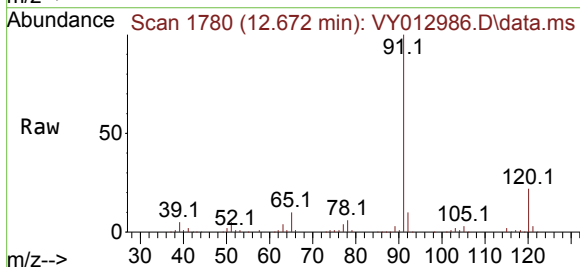
RT: 12.672 min Scan# 1780

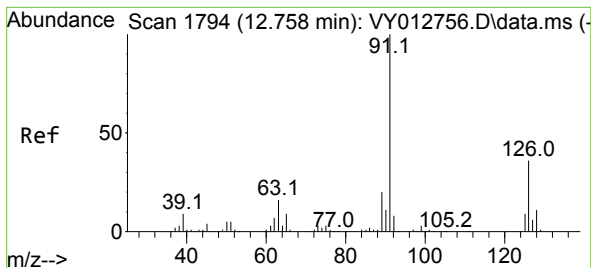
Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Tgt Ion:	91	Resp:	140738
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.6	34.8

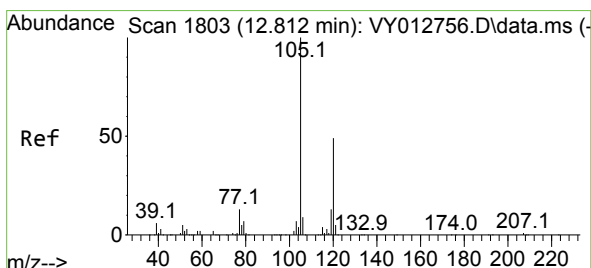
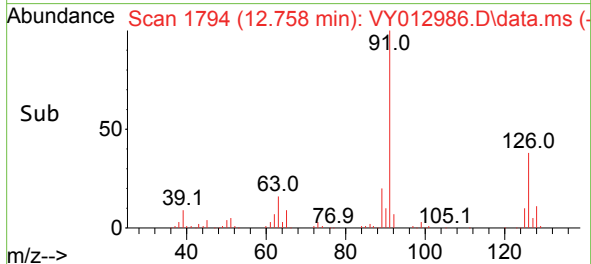
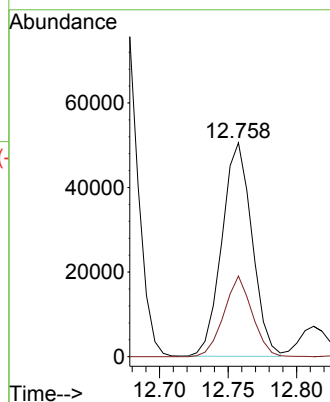
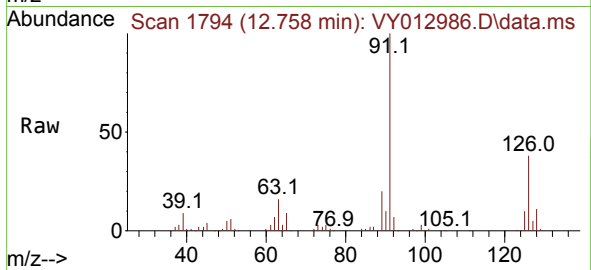




#79
2-Chlorotoluene
Concen: 21.644 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

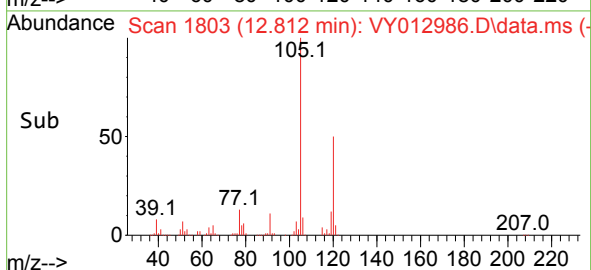
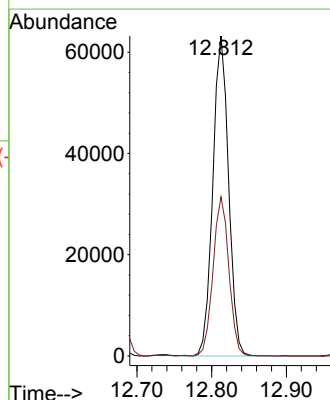
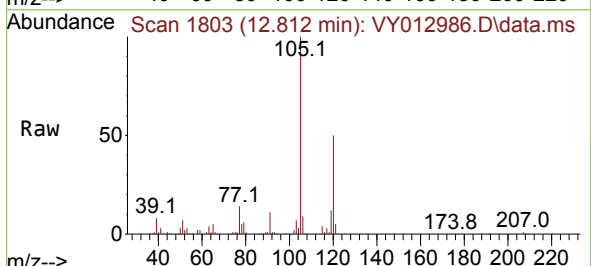
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 77365
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 21.545 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:105 Resp: 92751
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4

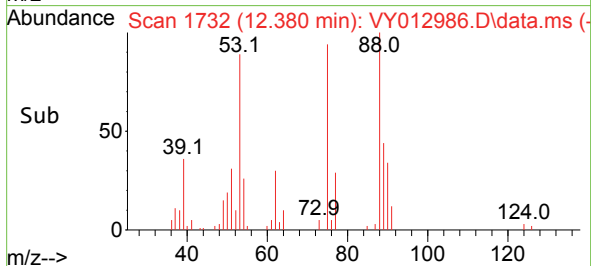
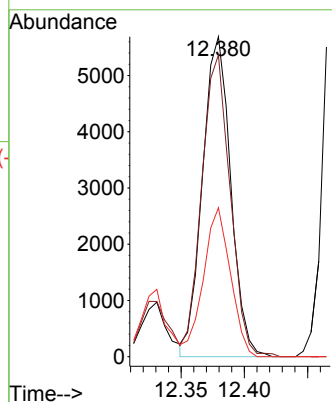
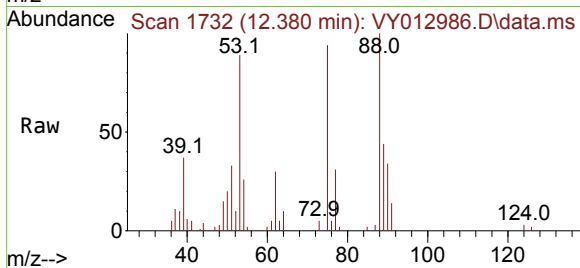




#81
trans-1,4-Dichloro-2-butene
Concen: 20.796 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

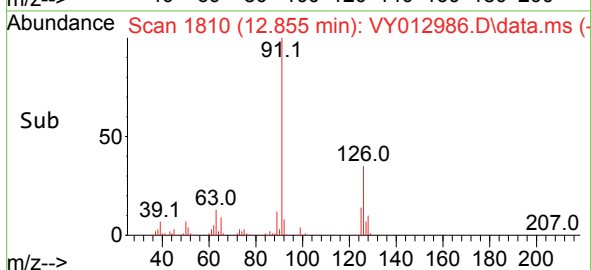
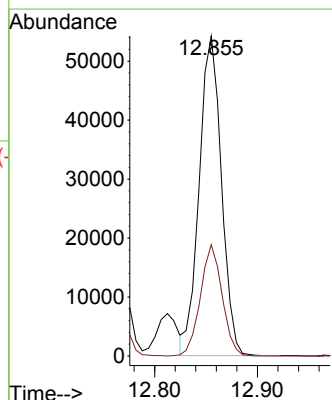
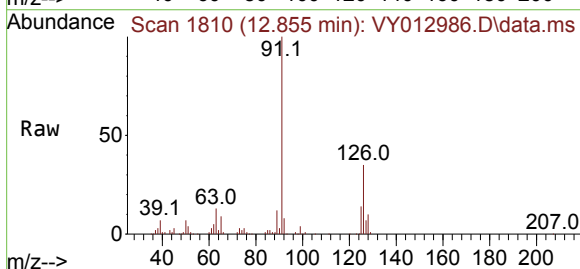
Instrument :
MSVOA_Y
ClientSampleId :

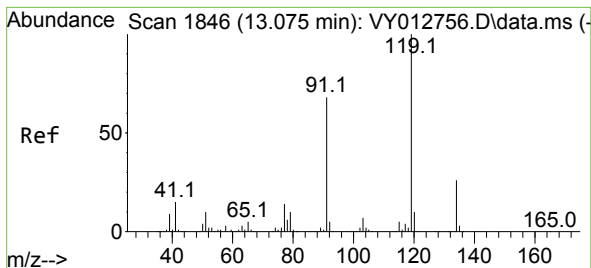
Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.1	73.4	110.0
89	44.8	36.6	55.0



#82
4-Chlorotoluene
Concen: 22.028 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.7	53.1

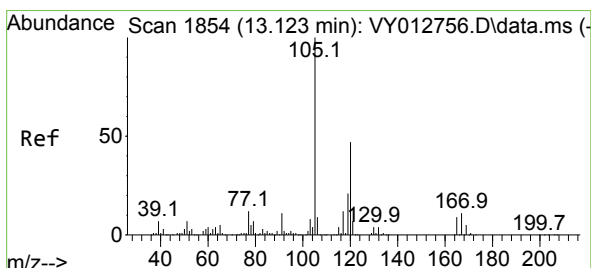
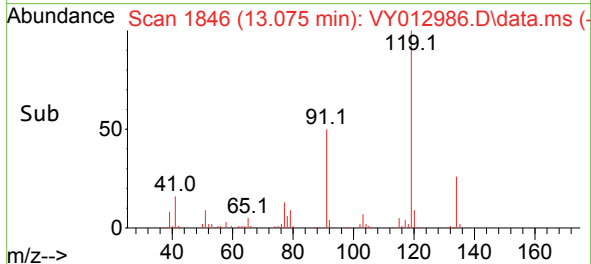
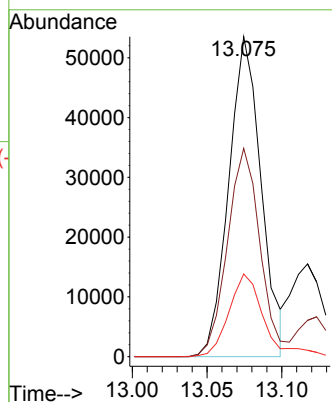
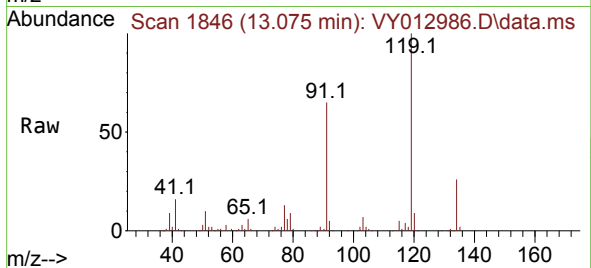




#83
tert-Butylbenzene
Concen: 21.745 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

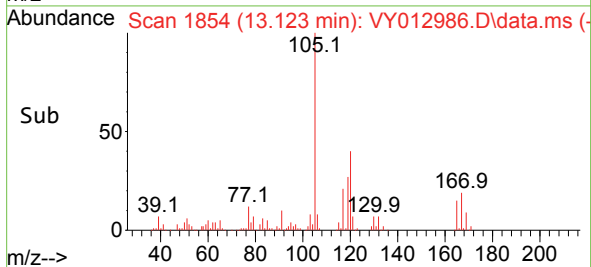
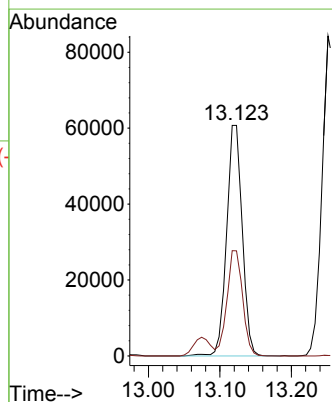
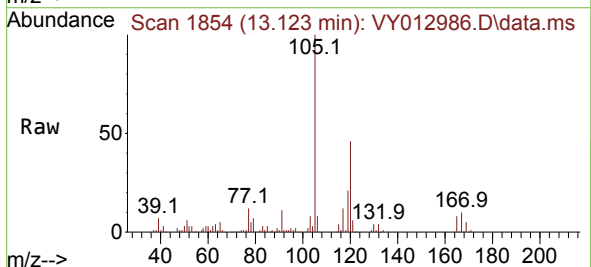
Instrument :
MSVOA_Y
ClientSampleId :

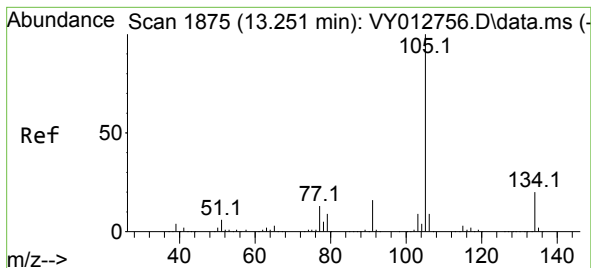
Tgt Ion:119 Resp: 80798
Ion Ratio Lower Upper
119 100
91 66.0 32.8 98.3
134 27.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.892 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

Tgt Ion:105 Resp: 92158
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.777 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

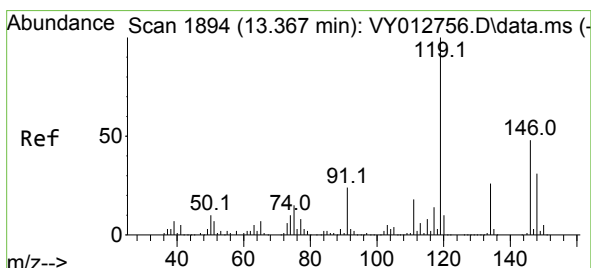
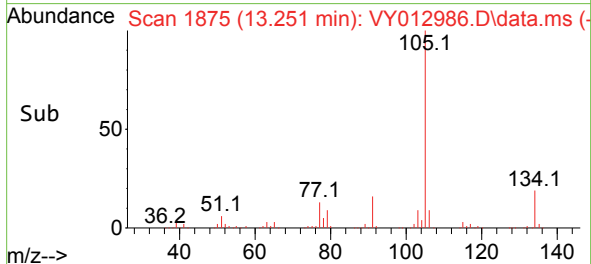
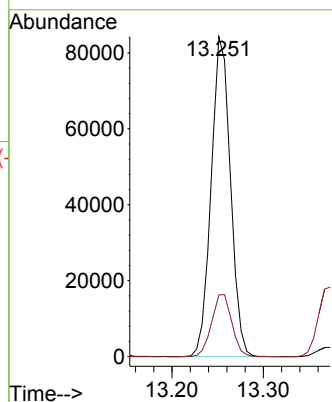
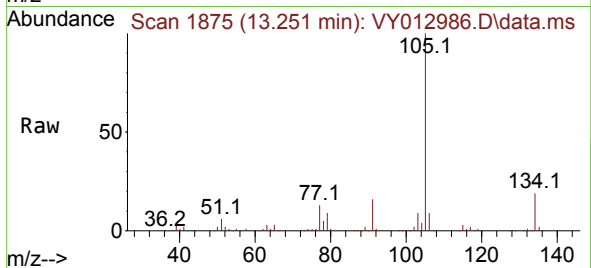
ClientSampleId :

Tgt Ion:105 Resp: 123446

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.937 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

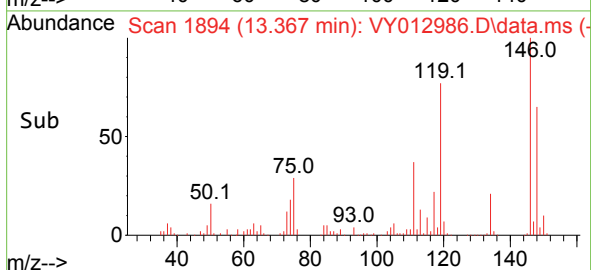
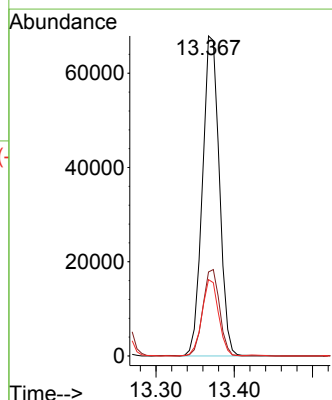
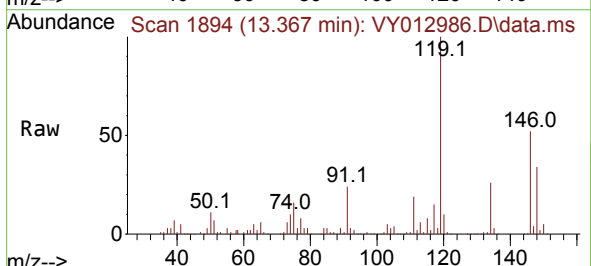
Tgt Ion:119 Resp: 101635

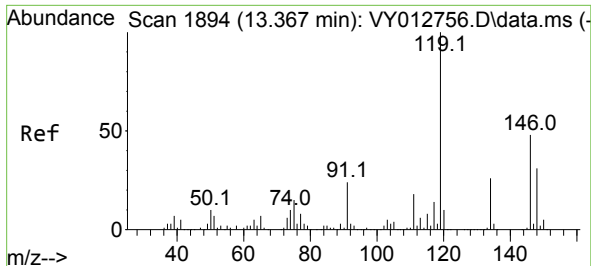
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

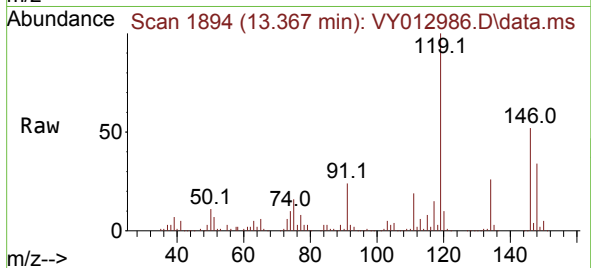
91 23.5 11.8 35.3



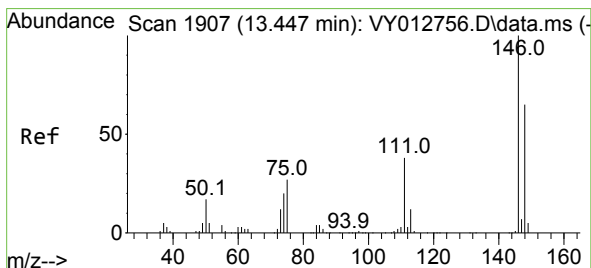
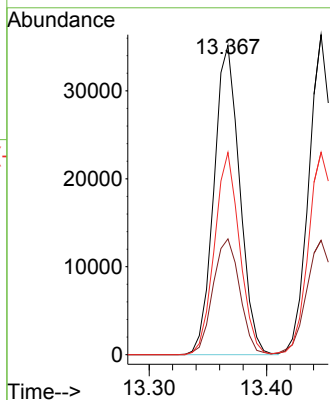
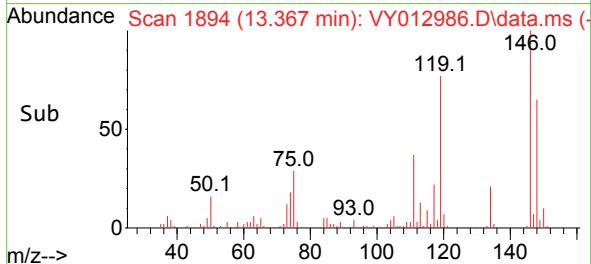


#87
 1,3-Dichlorobenzene
 Concen: 21.931 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

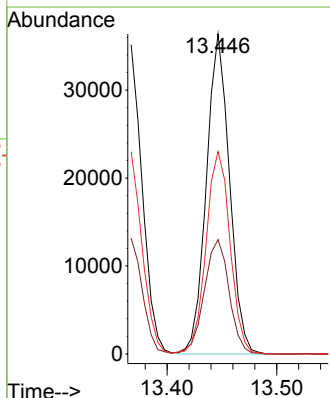
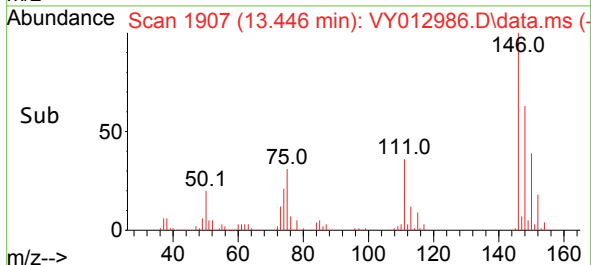
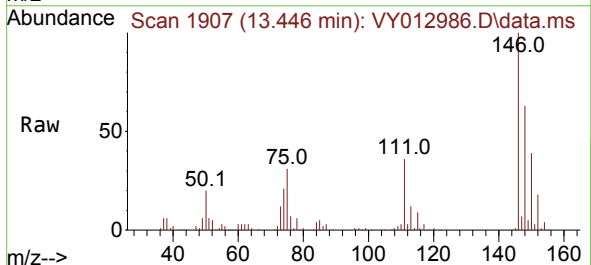


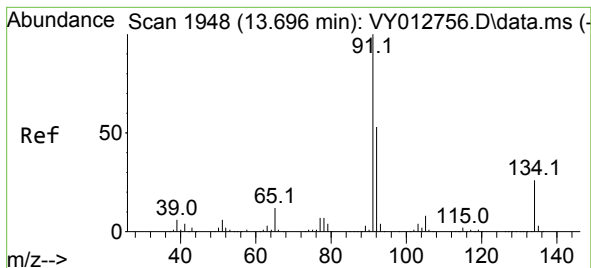
Tgt Ion:146 Resp: 53602
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.5
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.364 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY012986.D
 Acq: 17 Mar 2023 15:01

Tgt Ion:146 Resp: 53292
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 65.8 31.5 94.5





#89

n-Butylbenzene

Concen: 21.763 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012986.D

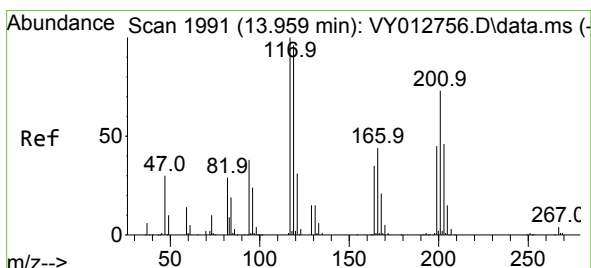
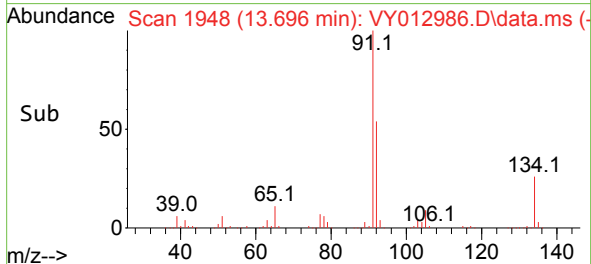
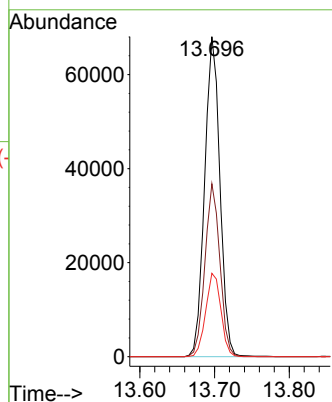
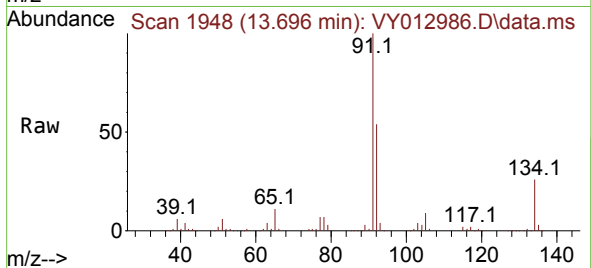
Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	96524
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.0
134	26.0	13.0	38.9



#90

Hexachloroethane

Concen: 21.727 ug/l

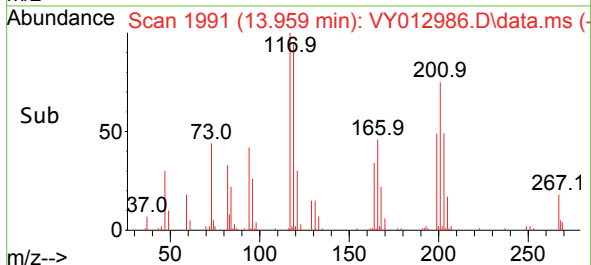
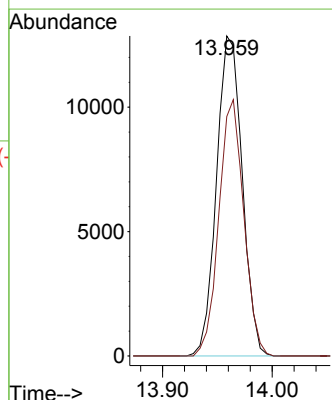
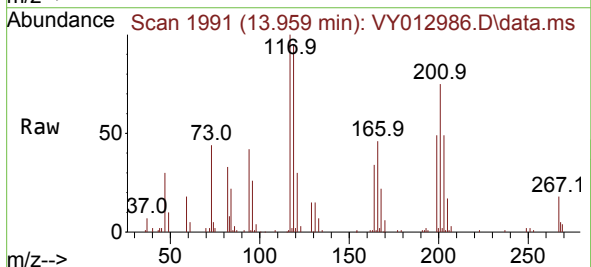
RT: 13.959 min Scan# 1991

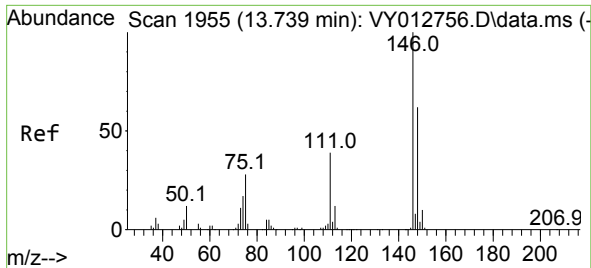
Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

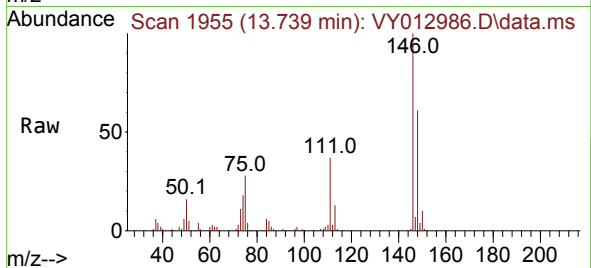
Tgt Ion:	117	Resp:	20965
Ion	Ratio	Lower	Upper
117	100		
201	77.6	39.4	118.1



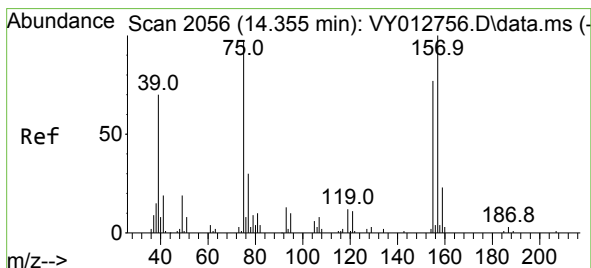
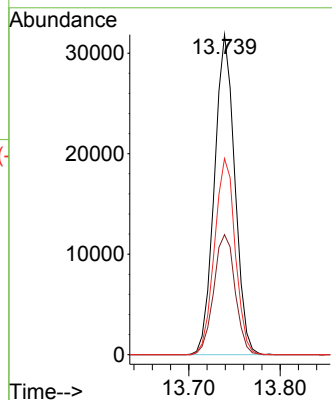
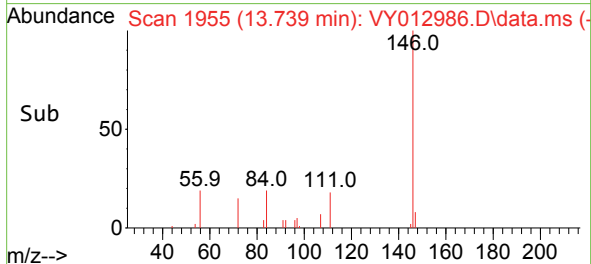


#91
1,2-Dichlorobenzene
Concen: 22.303 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01

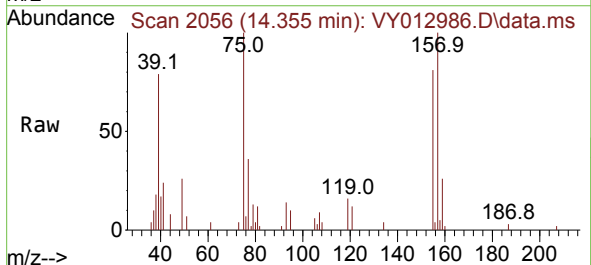
Instrument :
MSVOA_Y
ClientSampleId :



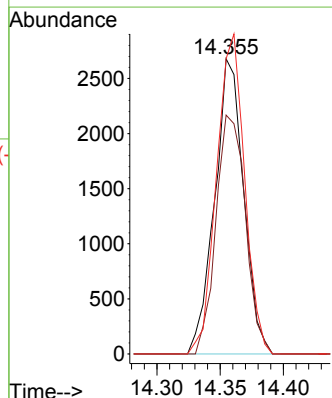
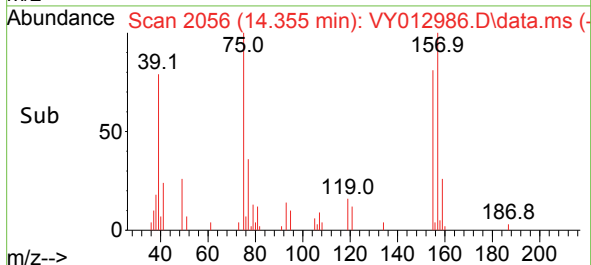
Tgt Ion:146 Resp: 49276
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.1
148 62.5 31.9 95.5

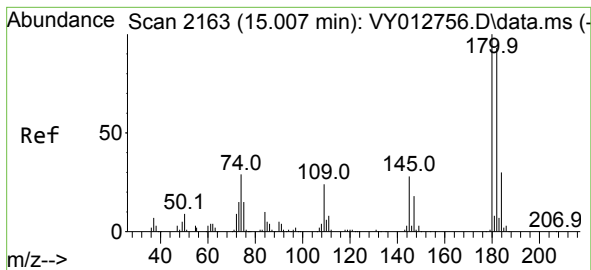


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.515 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012986.D
Acq: 17 Mar 2023 15:01



Tgt Ion: 75 Resp: 4267
Ion Ratio Lower Upper
75 100
155 82.2 43.8 131.4
157 104.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.359 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

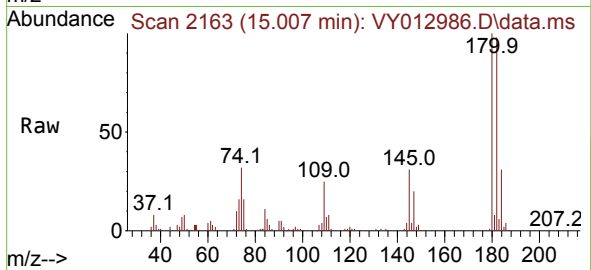
Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :



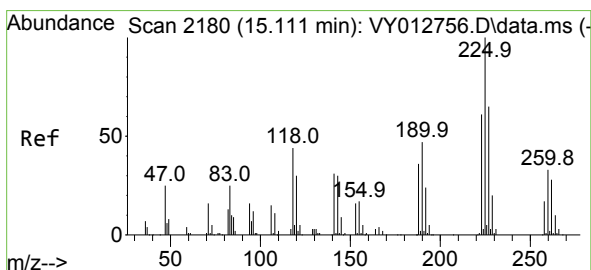
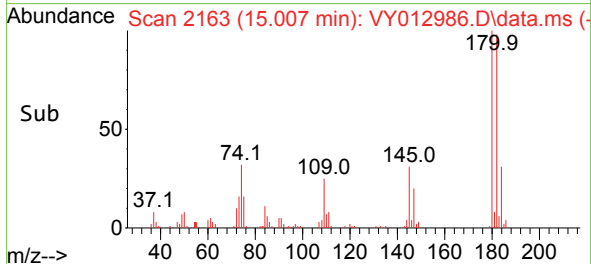
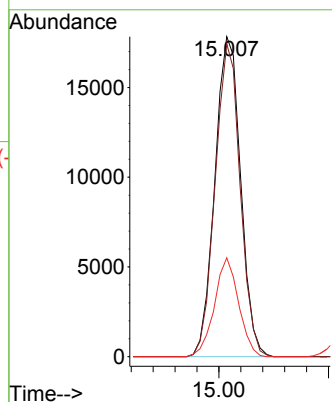
Tgt Ion:180 Resp: 29056

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.959 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

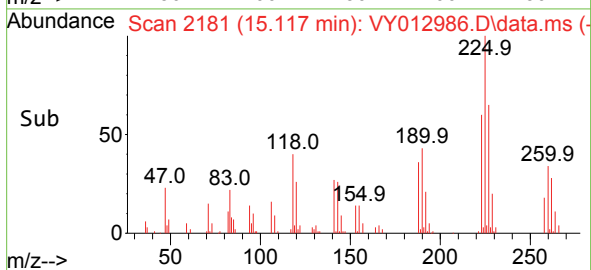
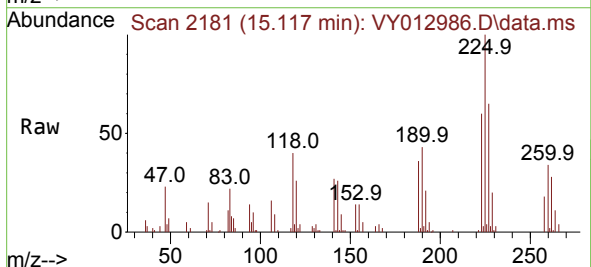
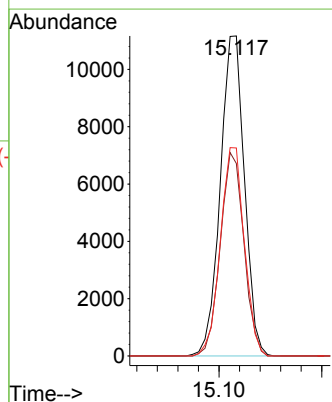
Tgt Ion:225 Resp: 18220

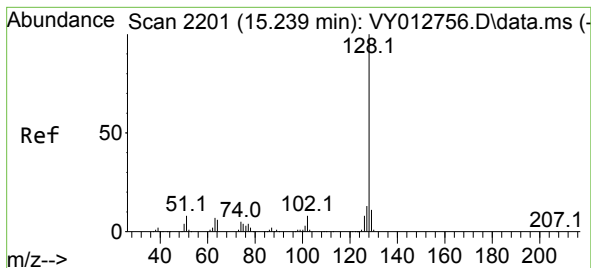
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

227 64.6 32.4 97.0





#95

Naphthalene

Concen: 21.033 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012986.D

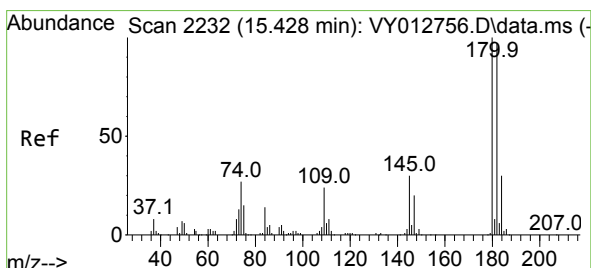
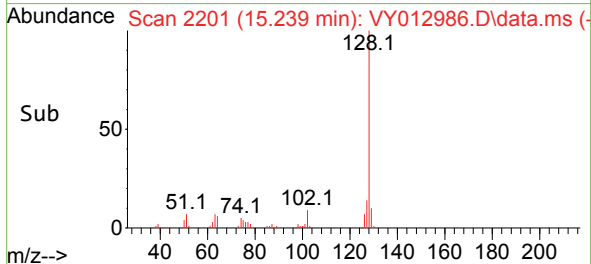
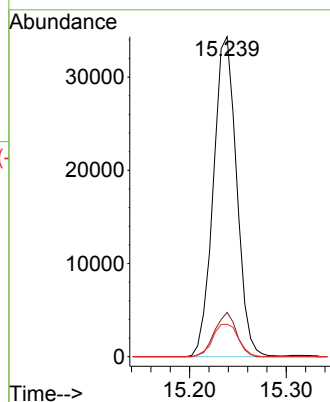
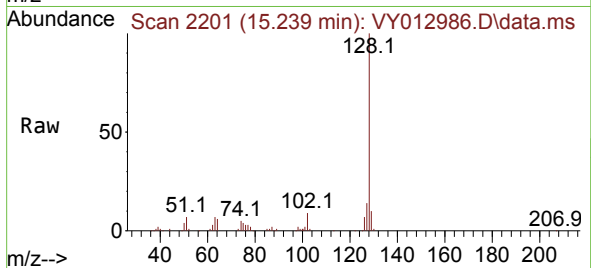
Acq: 17 Mar 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	57337
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.3 15.5
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.637 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012986.D

Acq: 17 Mar 2023 15:01

Tgt Ion:180	Resp:	26178
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.4 142.3
145	30.3	15.3 45.8

