

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013088.D
 Acq On : 27 Mar 2023 13:46
 Operator : KP/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 28 01:41:10 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	102437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51551	50.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.380%	
35) Dibromofluoromethane	7.715	113	52271	56.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.060%	
50) Toluene-d8	10.178	98	160234	47.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.483	95	64442	56.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	19857	19.667	ug/l	96
3) Chloromethane	2.113	50	21964	18.196	ug/l	100
4) Vinyl Chloride	2.253	62	21507	19.431	ug/l	95
5) Bromomethane	2.637	94	14150	21.039	ug/l	87
6) Chloroethane	2.790	64	13710	20.682	ug/l	96
7) Trichlorofluoromethane	3.125	101	38473	20.928	ug/l	98
8) Diethyl Ether	3.527	74	13549	21.031	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	24214	21.893	ug/l	99
10) Methyl Iodide	4.094	142	27029	18.755	ug/l	98
11) Tert butyl alcohol	4.948	59	14779	115.510	ug/l	99
12) 1,1-Dichloroethene	3.869	96	21614	20.490	ug/l	97
13) Acrolein	3.722	56	11409	64.027	ug/l	97
14) Allyl chloride	4.478	41	35910	18.429	ug/l	97
15) Acrylonitrile	5.155	53	36639	107.938	ug/l	99
16) Acetone	3.948	43	41910	104.983	ug/l	96
17) Carbon Disulfide	4.192	76	62443	17.391	ug/l	100
18) Methyl Acetate	4.472	43	24834	20.890	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	59336	21.777	ug/l	98
20) Methylene Chloride	4.710	84	31558	23.005	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	23085	20.138	ug/l	98
22) Diisopropyl ether	6.118	45	77931	22.020	ug/l	97
23) Vinyl Acetate	6.057	43	234375	106.582	ug/l	100
24) 1,1-Dichloroethane	6.015	63	43724	21.681	ug/l	98
25) 2-Butanone	6.984	43	56285	113.833	ug/l	97
26) 2,2-Dichloropropane	6.978	77	38969	21.756	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	26901	21.888	ug/l	100
28) Bromochloromethane	7.331	49	16184	21.959	ug/l	100
29) Tetrahydrofuran	7.350	42	33652	112.845	ug/l	100
30) Chloroform	7.502	83	45942	23.063	ug/l	98
31) Cyclohexane	7.783	56	37532	19.268	ug/l #	87
32) 1,1,1-Trichloroethane	7.703	97	40547	22.508	ug/l	99
36) 1,1-Dichloropropene	7.917	75	33701	21.747	ug/l	99
37) Ethyl Acetate	7.069	43	23071	23.621	ug/l	98
38) Carbon Tetrachloride	7.898	117	36832	23.016	ug/l	96
39) Methylcyclohexane	9.179	83	37233	20.210	ug/l	96
40) Benzene	8.154	78	97642	22.275	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013088.D
 Acq On : 27 Mar 2023 13:46
 Operator : KP/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 28 01:41:10 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)
41) Methacrylonitrile	7.344	41	31784	60.399	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	30743	23.327	ug/l	99
43) Isopropyl Acetate	8.270	43	40533	23.260	ug/l	99
44) Trichloroethene	8.935	130	25636	22.182	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26039	23.504	ug/l	98
46) Dibromomethane	9.307	93	14476	22.936	ug/l	97
47) Bromodichloromethane	9.496	83	34717	23.342	ug/l	95
48) Methyl methacrylate	9.288	41	18892	23.528	ug/l	99
49) 1,4-Dioxane	9.294	88	3770	462.065	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	121937	129.000	ug/l	97
52) Toluene	10.239	92	60342	22.825	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	35799	22.948	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	38958	22.063	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	20887	23.763	ug/l	97
56) Ethyl methacrylate	10.508	69	27283	23.279	ug/l	96
57) 1,3-Dichloropropane	10.788	76	35353	23.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	69082	112.284	ug/l	98
59) 2-Hexanone	10.831	43	88892	129.394	ug/l	98
60) Dibromochloromethane	10.983	129	24629	23.019	ug/l	100
61) 1,2-Dibromoethane	11.087	107	19213	22.692	ug/l	100
64) Tetrachloroethene	10.721	164	22461	22.045	ug/l	98
65) Chlorobenzene	11.514	112	66690	22.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24851	22.867	ug/l	98
67) Ethyl Benzene	11.593	91	113846	22.048	ug/l	99
68) m/p-Xylenes	11.703	106	89068	44.838	ug/l	100
69) o-Xylene	12.026	106	41680	22.482	ug/l	98
70) Styrene	12.044	104	70956	22.935	ug/l	100
71) Bromoform	12.209	173	16882	23.825	ug/l #	98
73) Isopropylbenzene	12.331	105	111317	20.710	ug/l	99
74) N-amyl acetate	12.142	43	35454	20.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	26797	22.178	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	33683	37.192	ug/l #	100
77) Bromobenzene	12.611	156	27444	21.018	ug/l	97
78) n-propylbenzene	12.672	91	138146	20.847	ug/l	100
79) 2-Chlorotoluene	12.757	91	78553	21.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	94306	21.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	9339	21.366	ug/l	97
82) 4-Chlorotoluene	12.855	91	82108	21.537	ug/l	99
83) tert-Butylbenzene	13.074	119	82181	21.465	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	93014	21.444	ug/l	98
85) sec-Butylbenzene	13.251	105	125169	21.430	ug/l	100
86) p-Isopropyltoluene	13.367	119	103094	21.597	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	55308	21.962	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	55053	21.419	ug/l	98
89) n-Butylbenzene	13.696	91	95476	20.893	ug/l	99
90) Hexachloroethane	13.958	117	21349	21.473	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	50099	22.007	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4498	23.035	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	28596	20.402	ug/l	99
94) Hexachlorobutadiene	15.110	225	18064	21.130	ug/l	96
95) Naphthalene	15.232	128	57472	20.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	26132	20.963	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
Data File : VY013088.D
Acq On : 27 Mar 2023 13:46
Operator : KP/MD
Sample : VY0327SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Quant Time: Mar 28 01:41:10 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

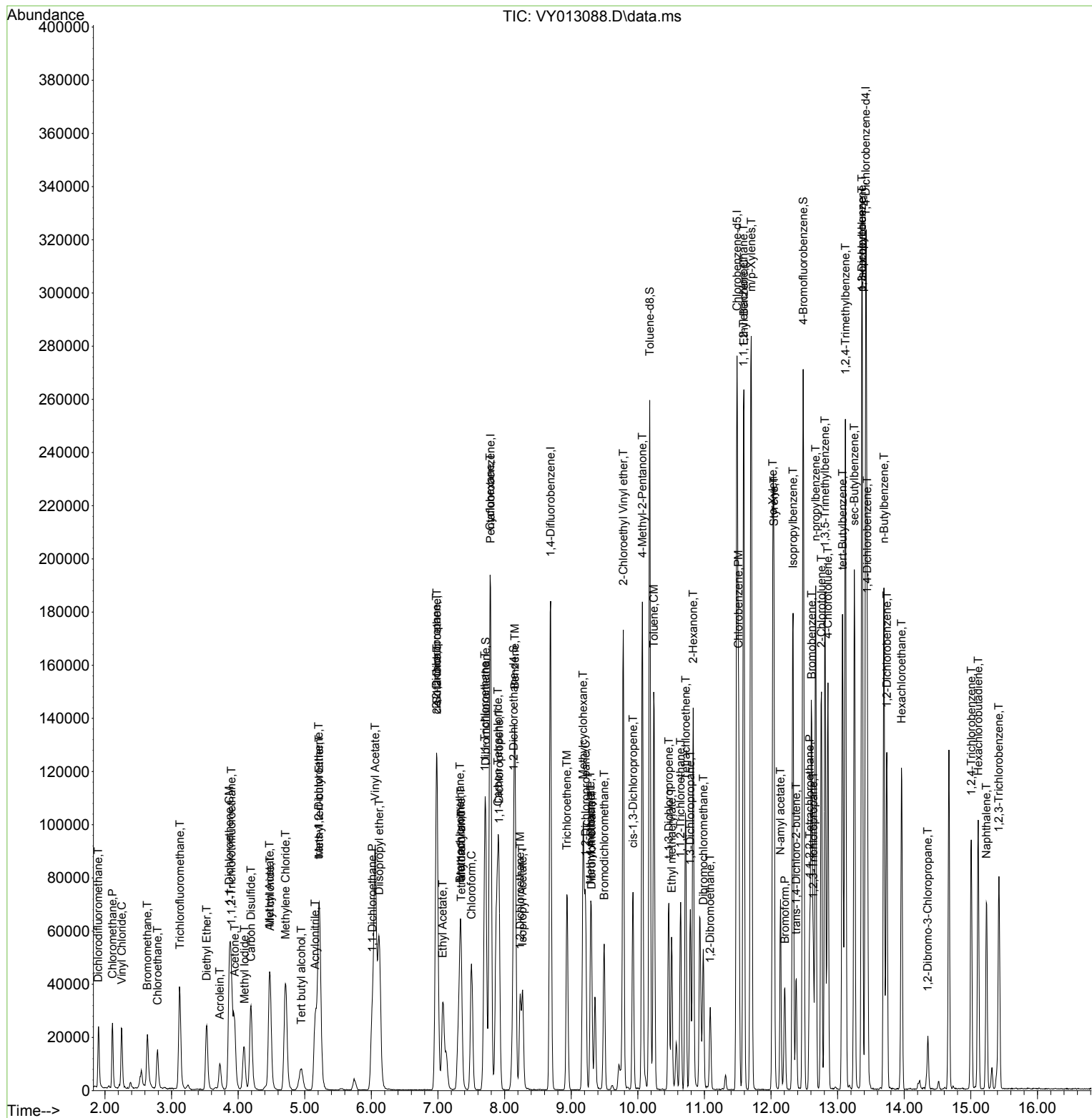
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

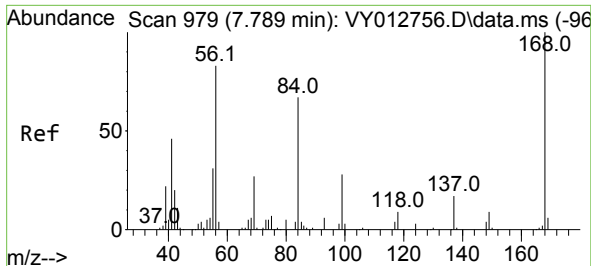
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013088.D
 Acq On : 27 Mar 2023 13:46
 Operator : KP/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 28 01:41:10 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

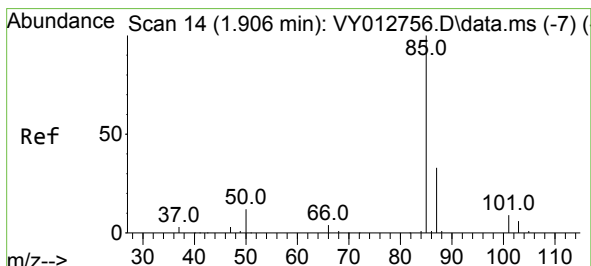
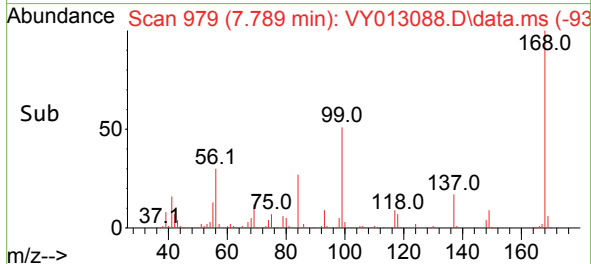
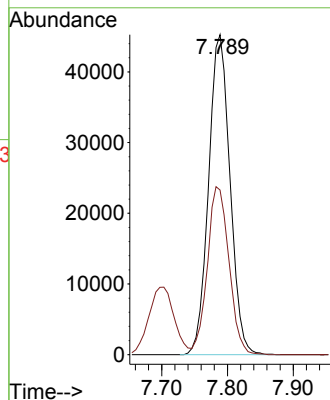
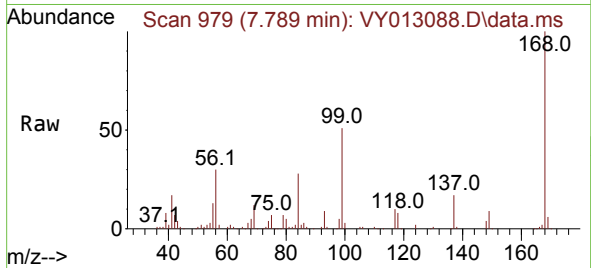




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

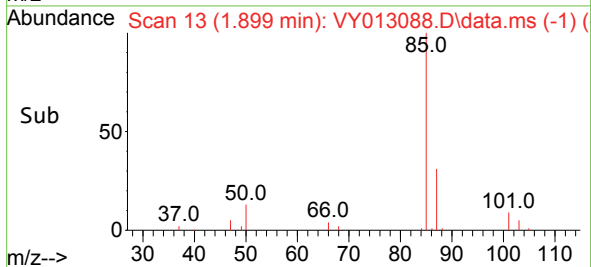
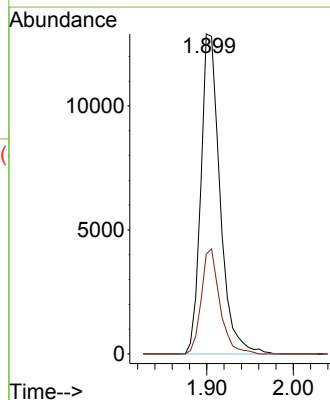
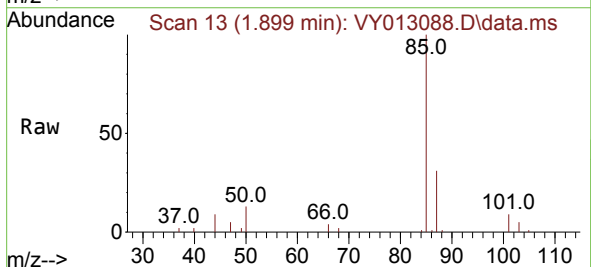
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

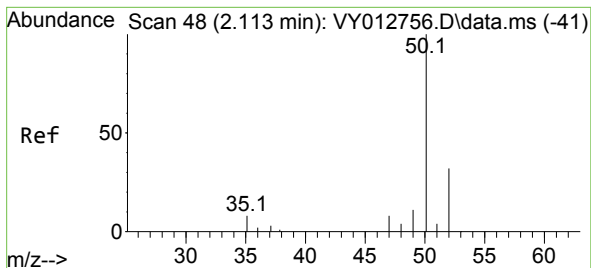
Tgt Ion:168 Resp: 102437
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.667 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 85 Resp: 19857
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0





#3

Chloromethane

Concen: 18.196 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

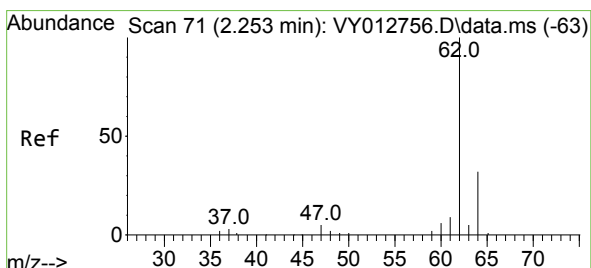
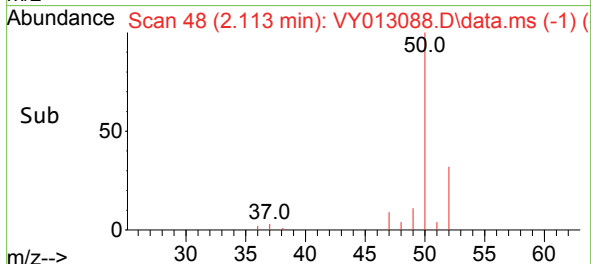
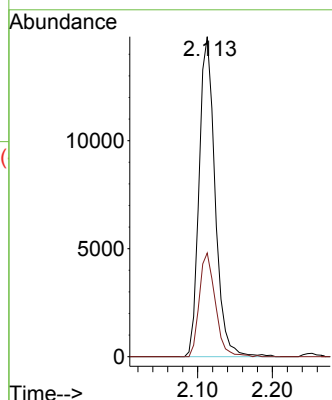
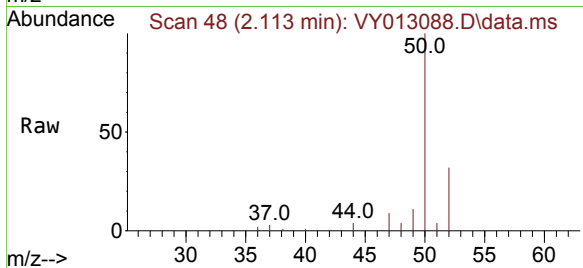
VY0327SBS01

Tgt Ion: 50 Resp: 21964

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 19.431 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013088.D

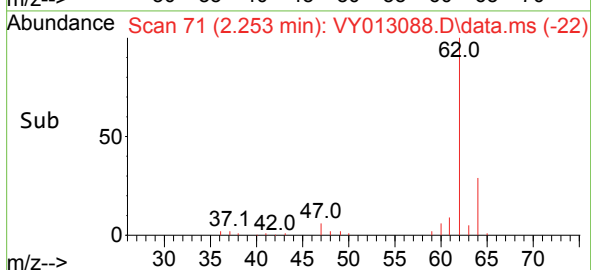
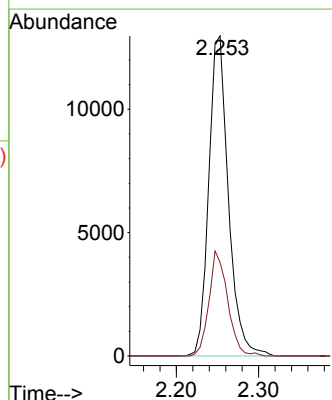
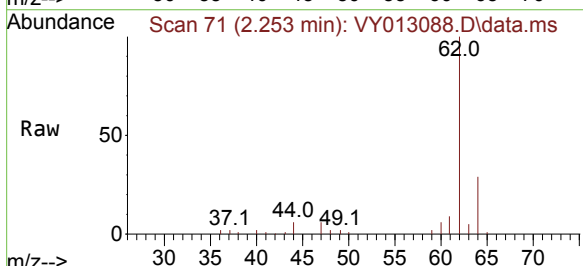
Acq: 27 Mar 2023 13:46

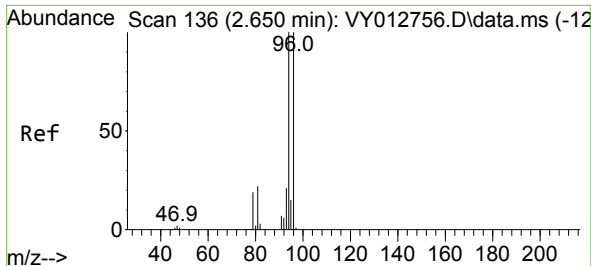
Tgt Ion: 62 Resp: 21507

Ion Ratio Lower Upper

62 100

64 29.3 25.6 38.4





#5

Bromomethane

Concen: 21.039 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

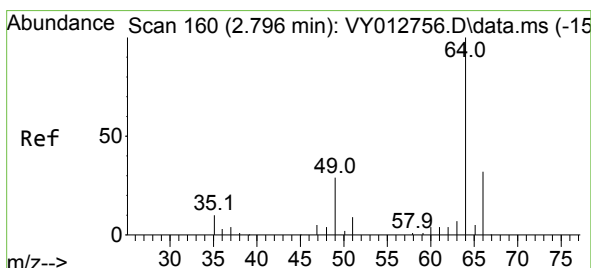
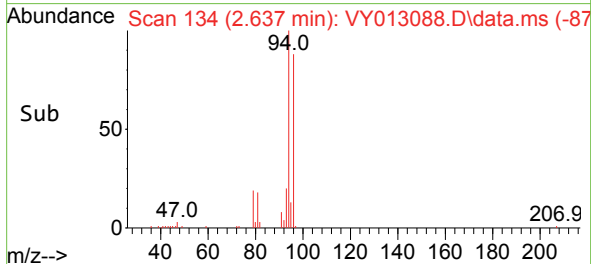
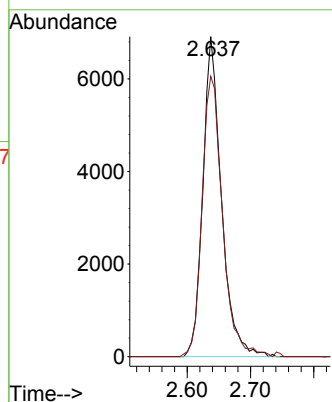
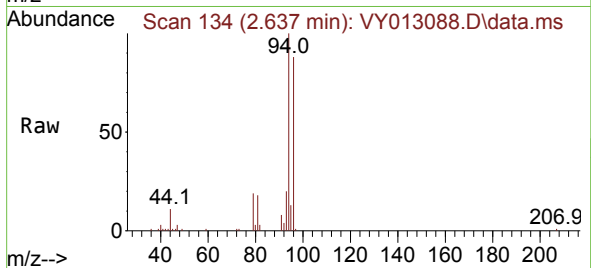
VY0327SBS01

Tgt Ion: 94 Resp: 14150

Ion Ratio Lower Upper

94 100

96 87.6 80.3 120.5



#6

Chloroethane

Concen: 20.682 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013088.D

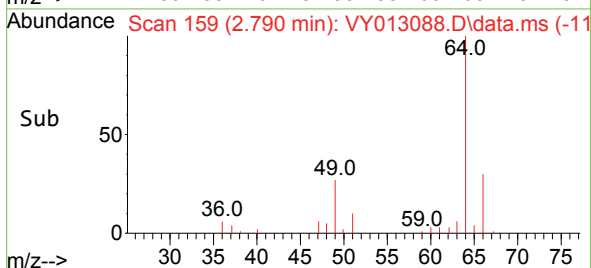
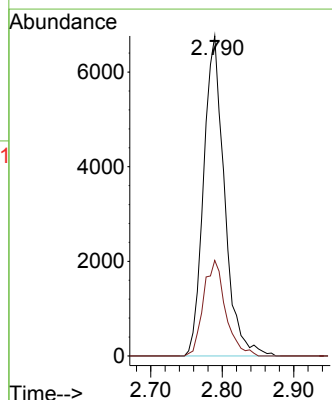
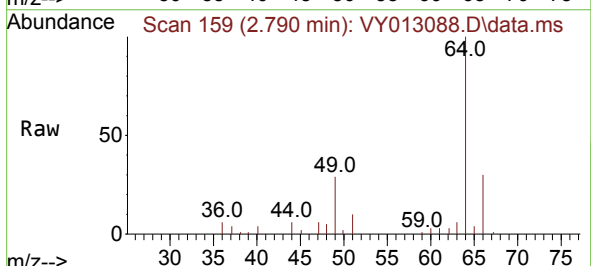
Acq: 27 Mar 2023 13:46

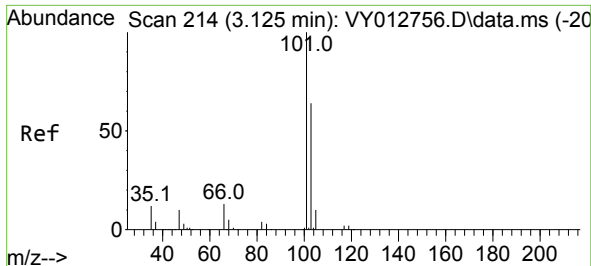
Tgt Ion: 64 Resp: 13710

Ion Ratio Lower Upper

64 100

66 29.8 25.7 38.5

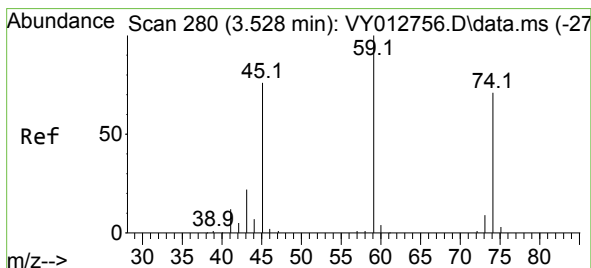
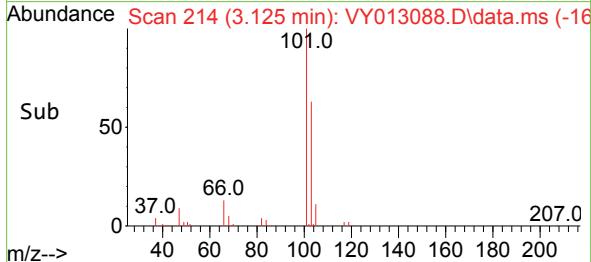
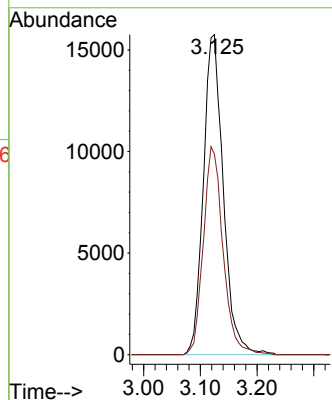
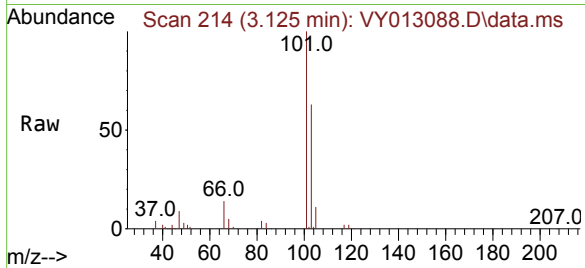




#7
 Trichlorofluoromethane
 Concen: 20.928 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

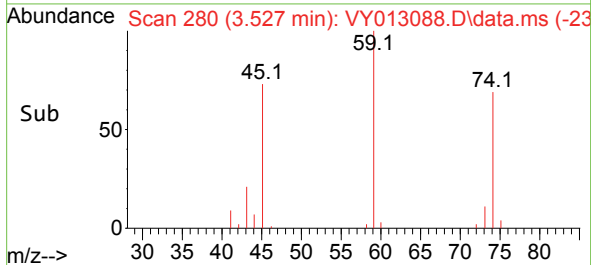
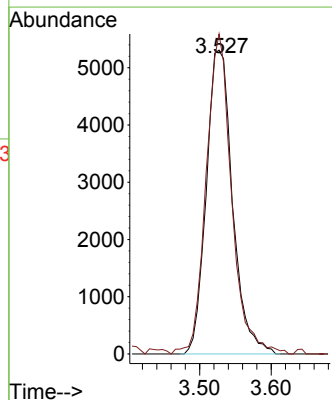
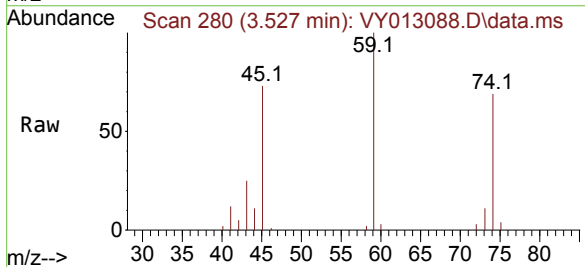
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

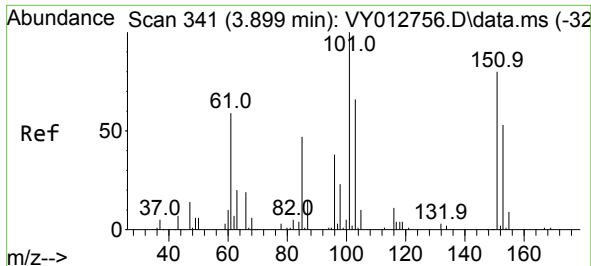
Tgt Ion:101 Resp: 38473
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.031 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

Tgt Ion: 74 Resp: 13549
 Ion Ratio Lower Upper
 74 100
 45 102.0 52.1 156.4

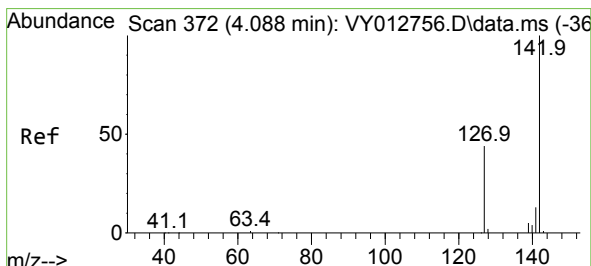
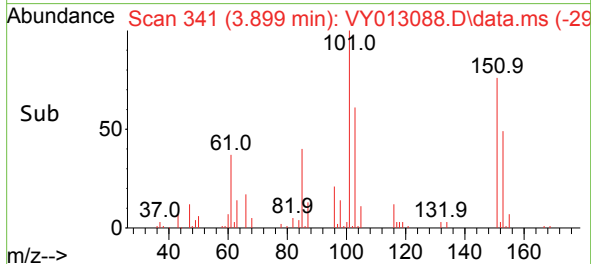
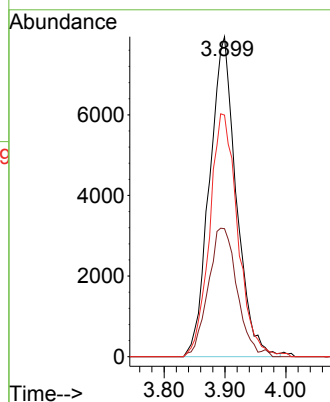
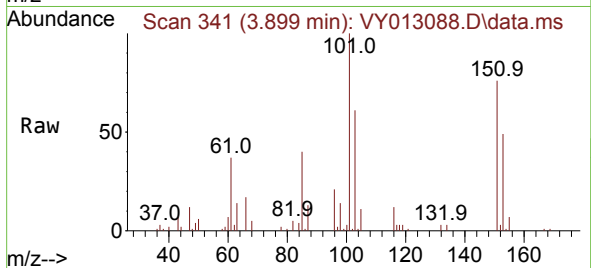




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.893 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

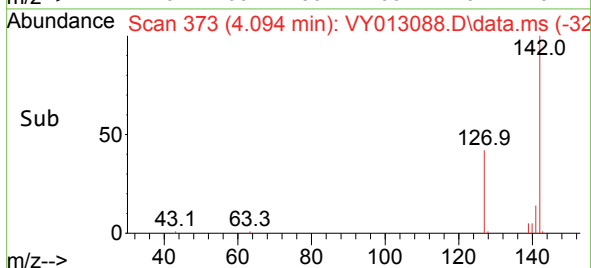
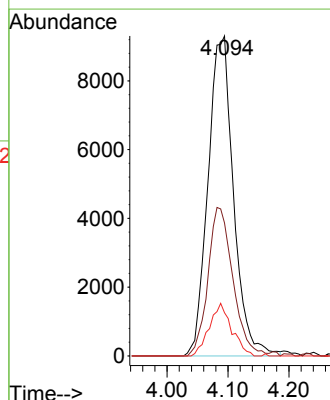
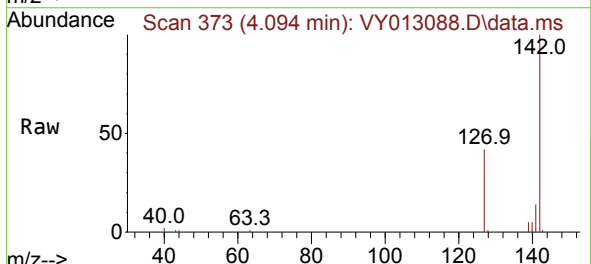
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

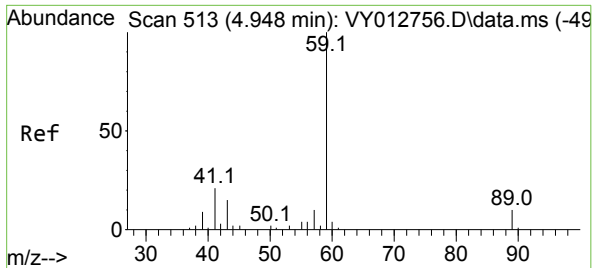
Tgt Ion:	101	Resp:	24214
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.3	52.9
151	80.0	63.1	94.7



#10
Methyl Iodide
Concen: 18.755 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:	142	Resp:	27029
Ion	Ratio	Lower	Upper
142	100		
127	45.4	35.4	53.2
141	14.5	11.3	16.9

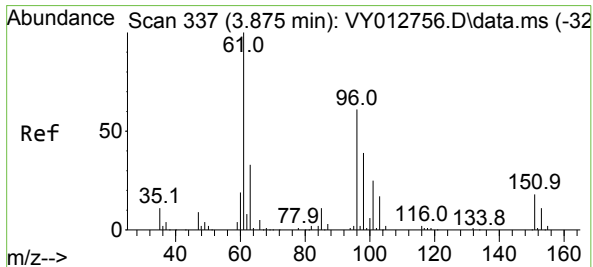
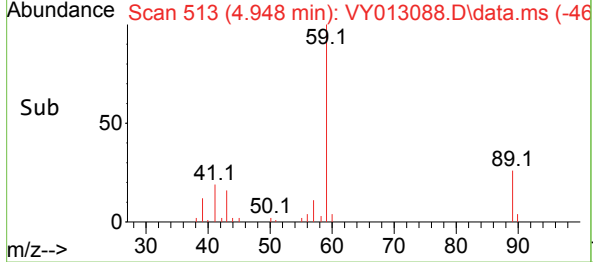
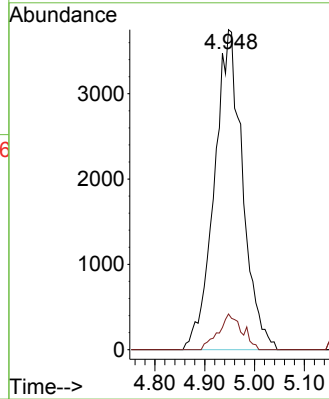
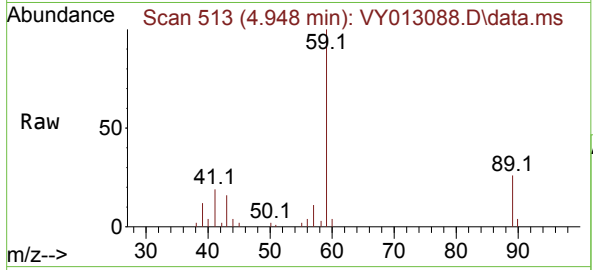




#11
Tert butyl alcohol
Concen: 115.510 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

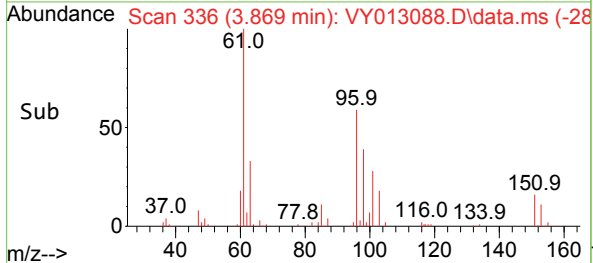
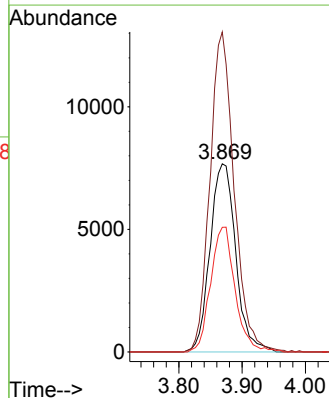
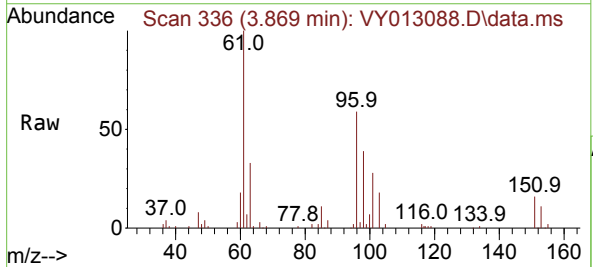
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

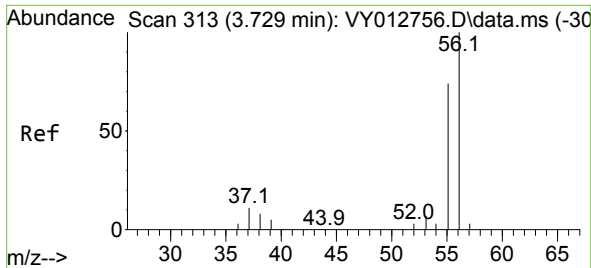
Tgt Ion: 59 Resp: 14779
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.490 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 96 Resp: 21614
Ion Ratio Lower Upper
96 100
61 170.1 131.7 197.5
98 66.3 52.0 78.0





#13

Acrolein

Concen: 64.027 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.007 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

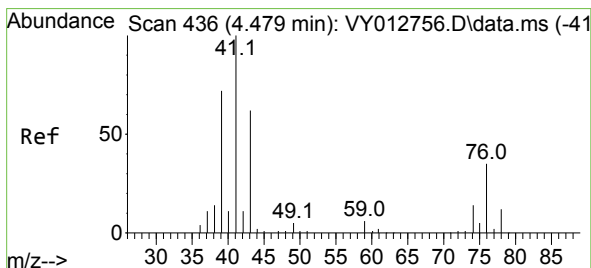
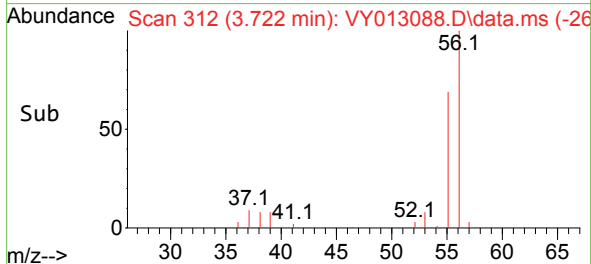
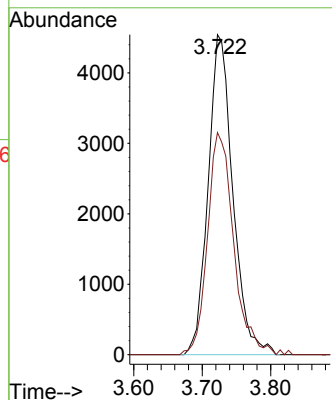
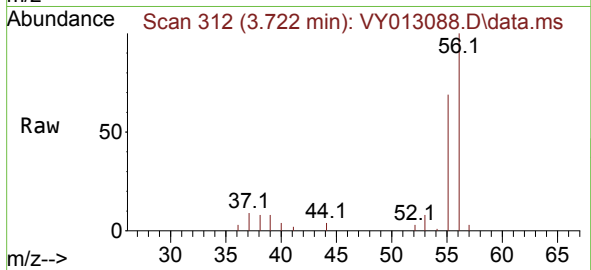
VY0327SBS01

Tgt Ion: 56 Resp: 11409

Ion Ratio Lower Upper

56 100

55 73.1 56.8 85.2



#14

Allyl chloride

Concen: 18.429 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

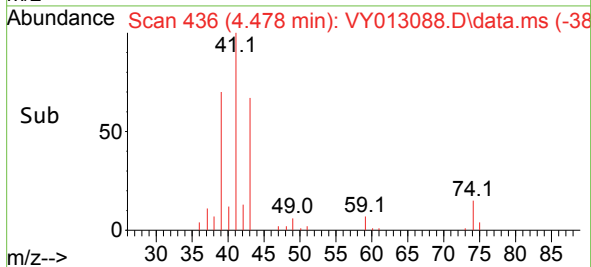
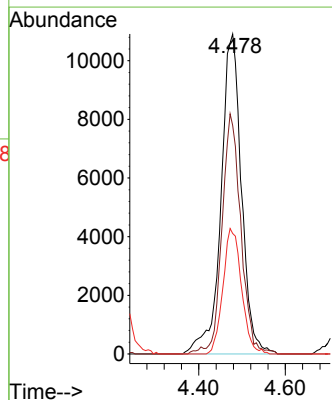
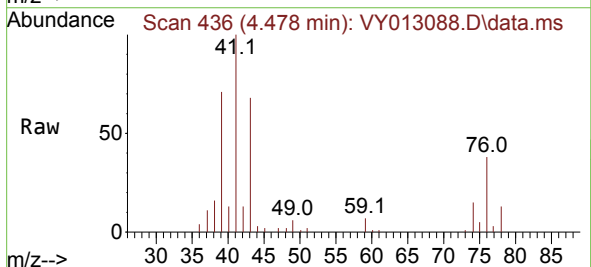
Tgt Ion: 41 Resp: 35910

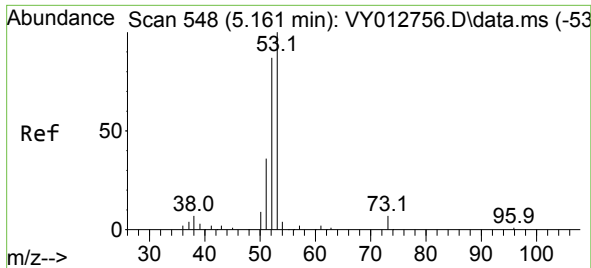
Ion Ratio Lower Upper

41 100

39 69.0 53.6 80.4

76 35.6 27.2 40.8

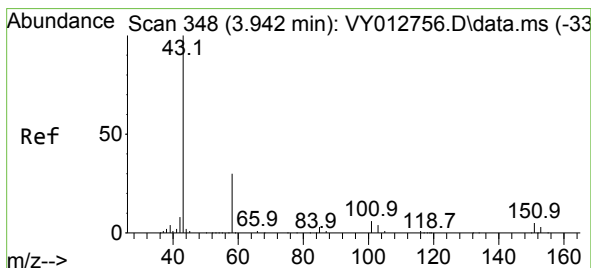
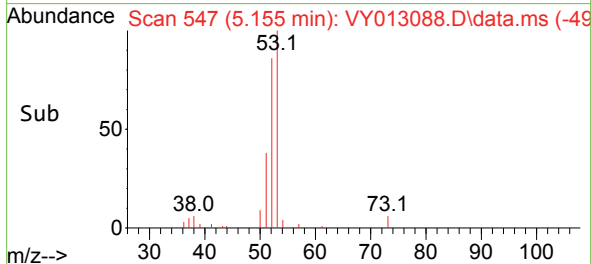
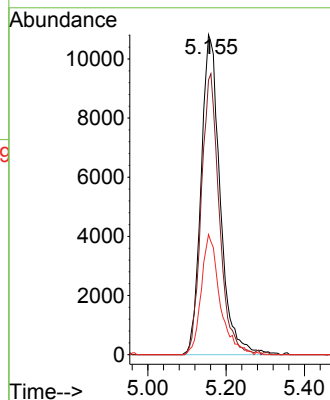
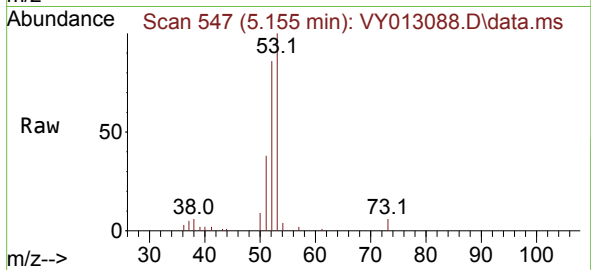




#15
Acrylonitrile
Concen: 107.938 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

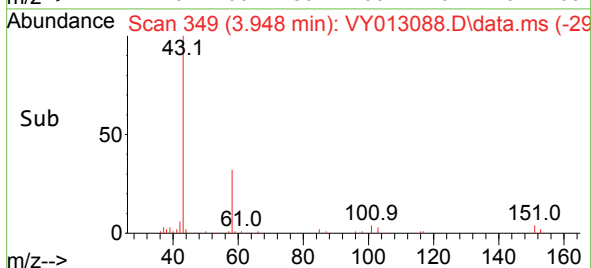
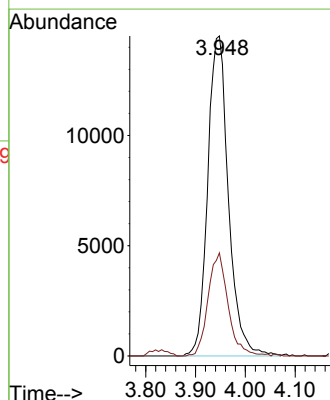
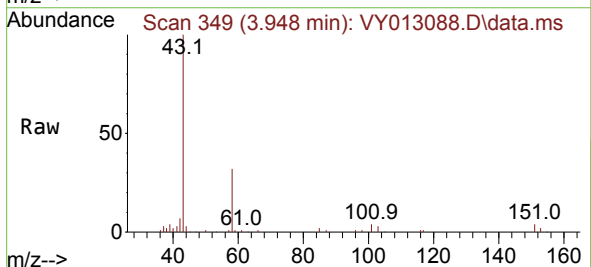
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

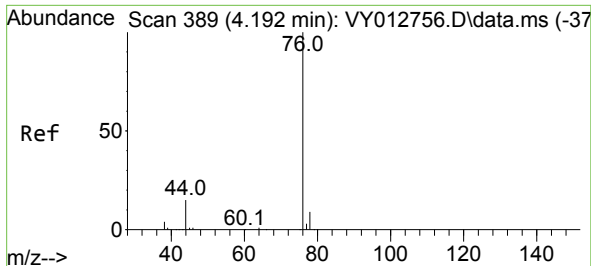
Tgt Ion:	53	Resp:	36639
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.3	99.5
51	36.8	28.8	43.2



#16
Acetone
Concen: 104.983 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:	43	Resp:	41910
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.2	36.2

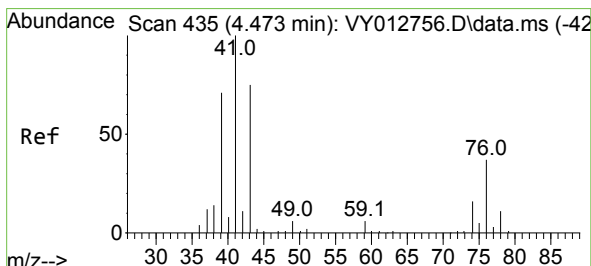
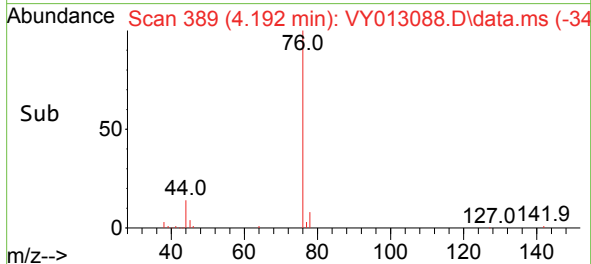
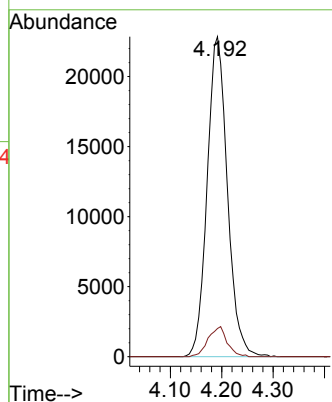
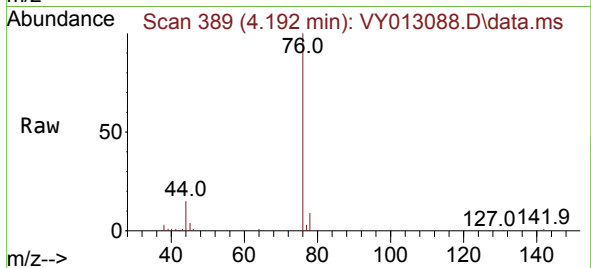




#17
Carbon Disulfide
Concen: 17.391 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

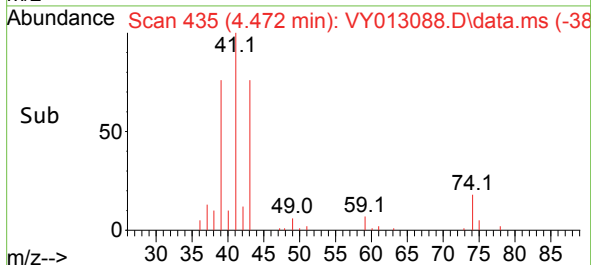
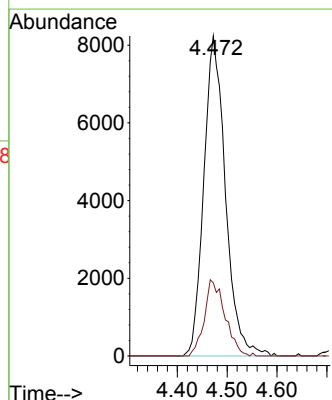
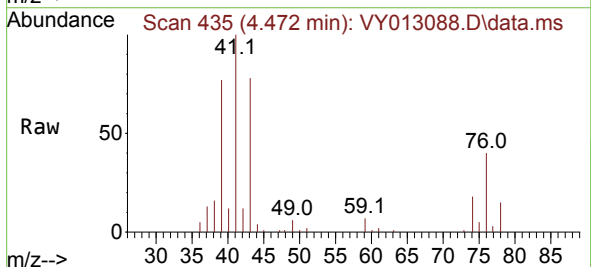
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

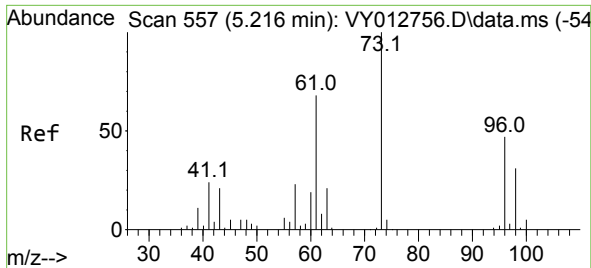
Tgt Ion: 76 Resp: 62443
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 20.890 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 43 Resp: 24834
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

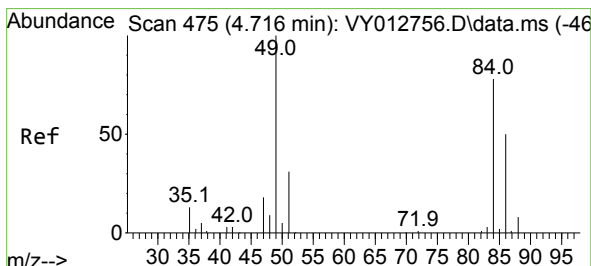
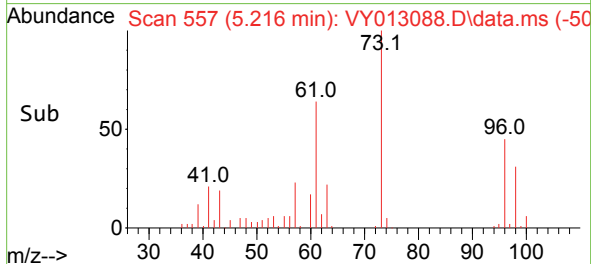
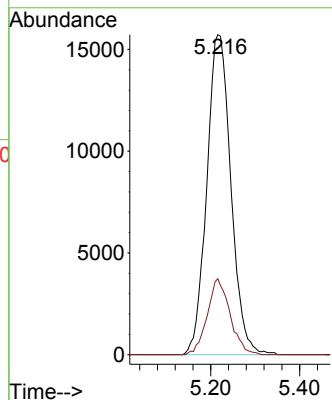
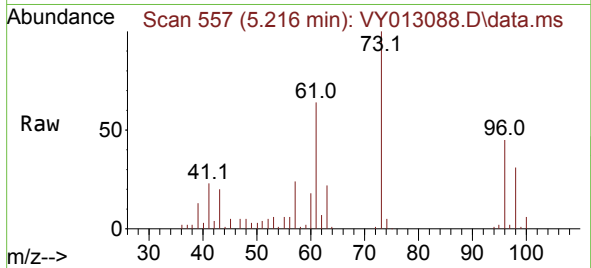




#19
Methyl tert-butyl Ether
Concen: 21.777 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

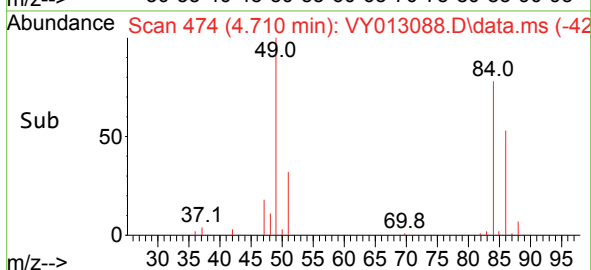
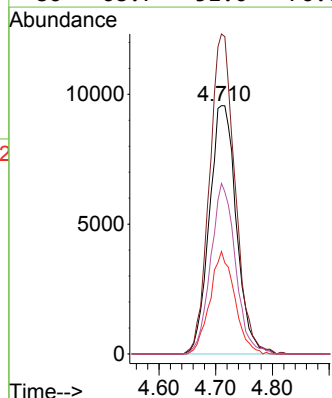
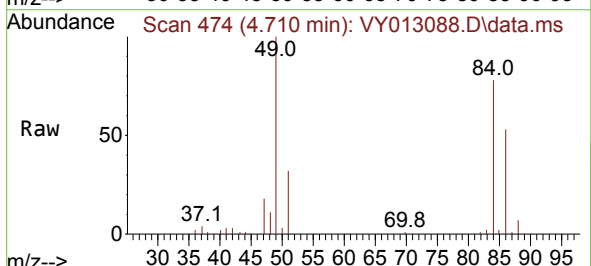
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

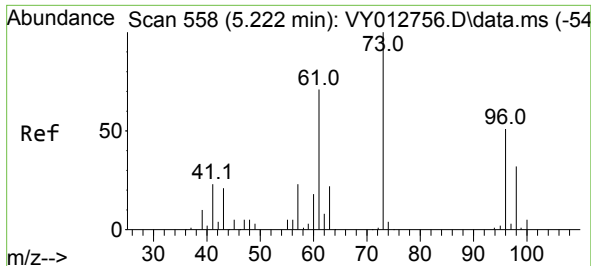
Tgt Ion: 73 Resp: 59336
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 23.005 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

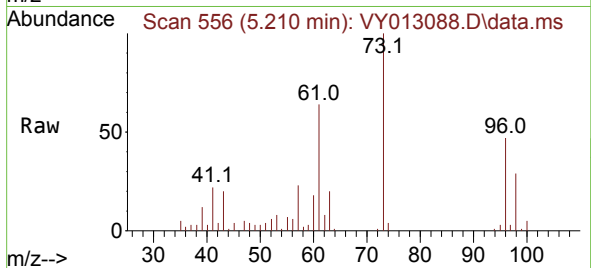
Tgt Ion: 84 Resp: 31558
Ion Ratio Lower Upper
84 100
49 128.9 102.6 154.0
51 41.2 31.9 47.9
86 68.7 51.0 76.6





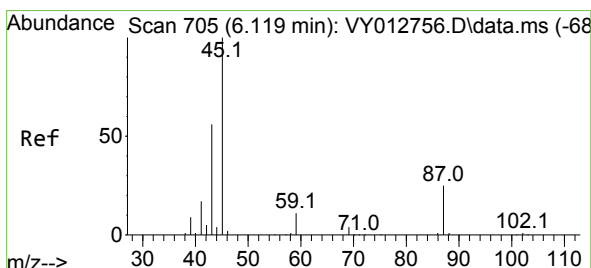
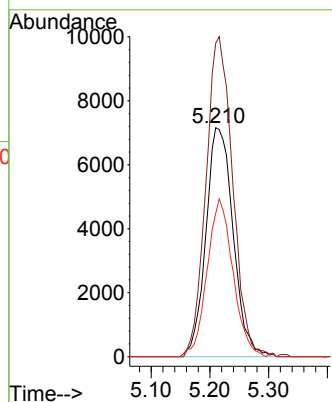
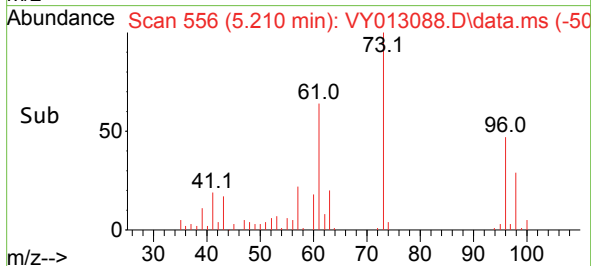
#21
trans-1,2-Dichloroethene
Concen: 20.138 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

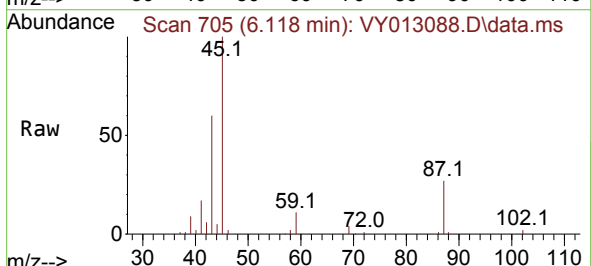


Tgt Ion: 96 Resp: 23085

Ion	Ratio	Lower	Upper
96	100		
61	136.9	111.4	167.0
98	62.6	50.8	76.2

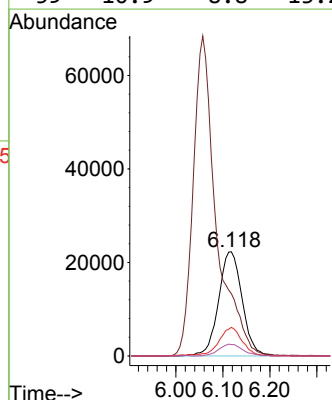
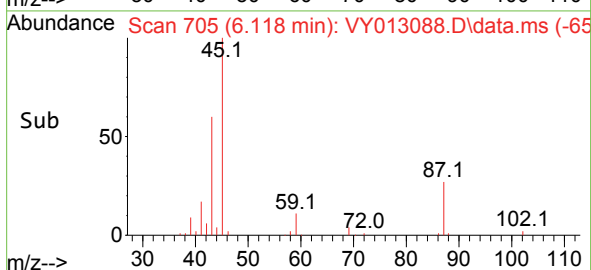


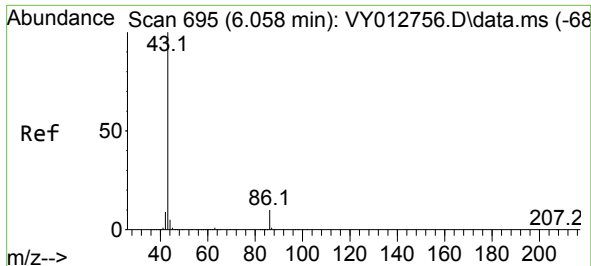
#22
Diisopropyl ether
Concen: 22.020 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46



Tgt Ion: 45 Resp: 77931

Ion	Ratio	Lower	Upper
45	100		
43	59.0	45.0	67.6
87	27.5	20.3	30.5
59	10.9	8.8	13.2

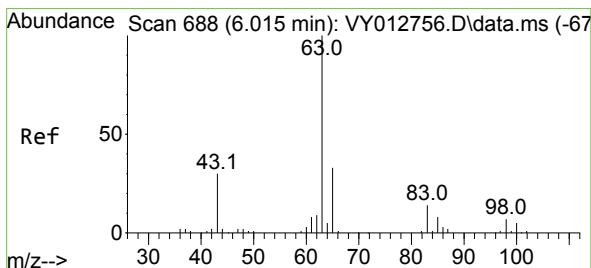
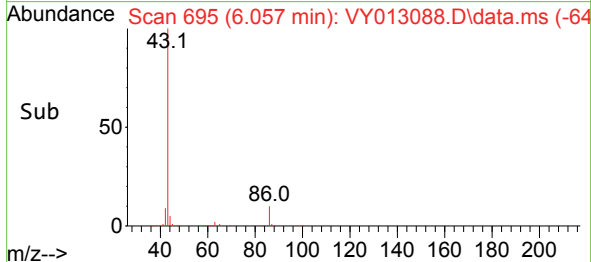
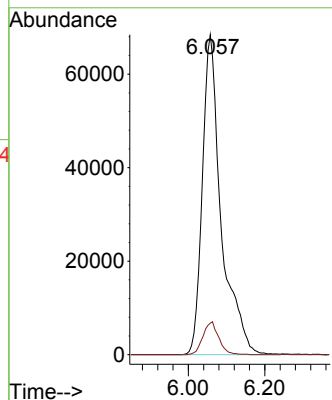
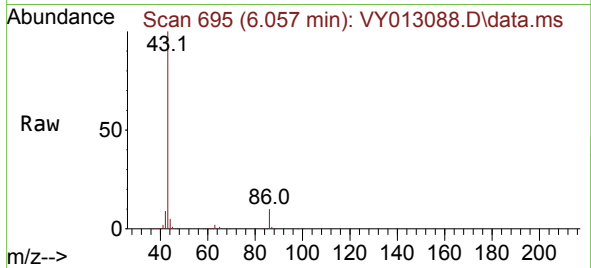




#23
 Vinyl Acetate
 Concen: 106.582 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

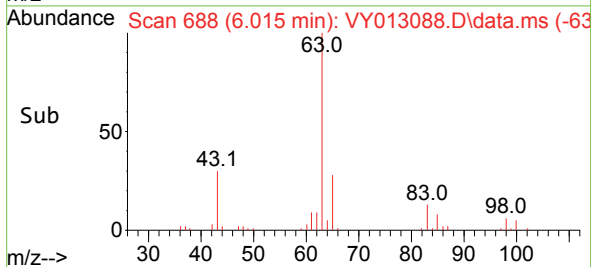
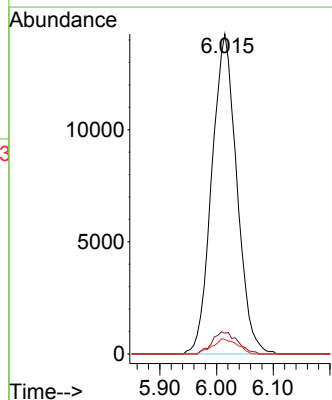
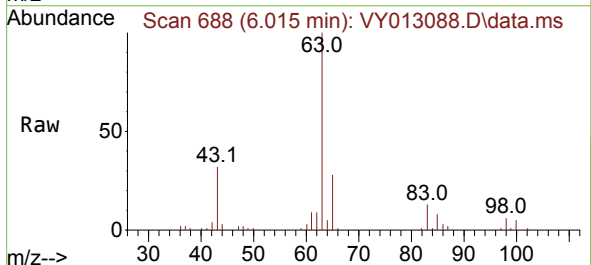
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

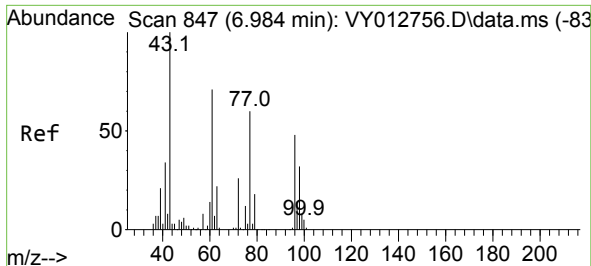
Tgt Ion: 43 Resp: 234375
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.681 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

Tgt Ion: 63 Resp: 43724
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.7 11.1
 100 4.6 2.3 6.8

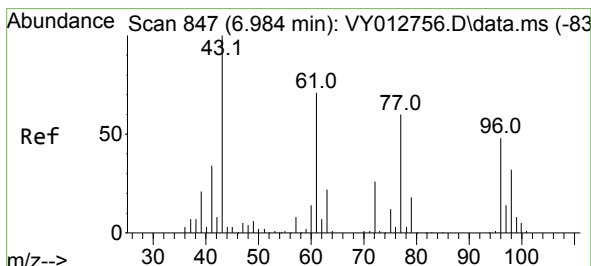
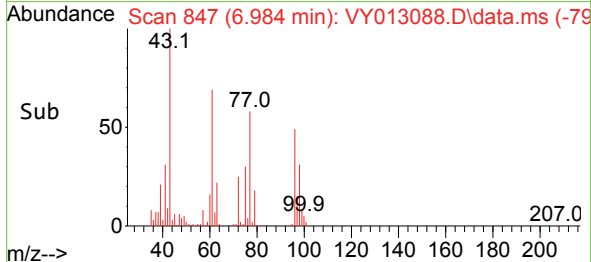
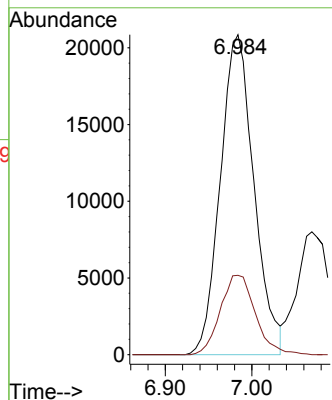
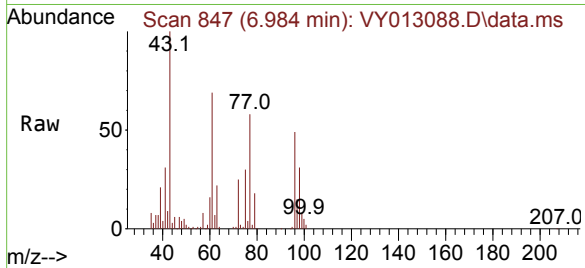




#25
2-Butanone
Concen: 113.833 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

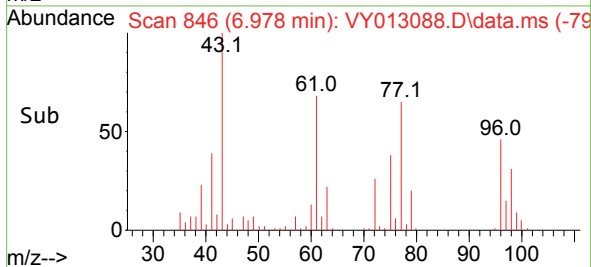
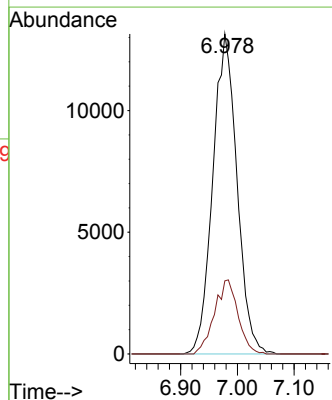
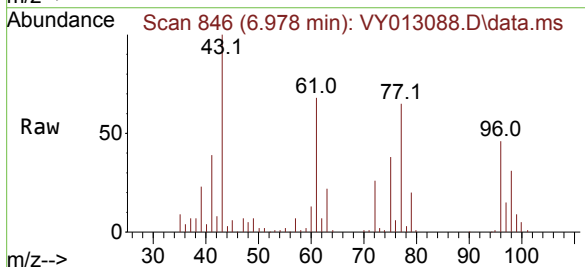
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

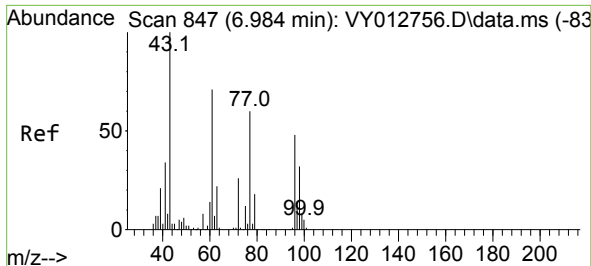
Tgt Ion: 43 Resp: 56285
Ion Ratio Lower Upper
43 100
72 24.8 21.0 31.4



#26
2,2-Dichloropropane
Concen: 21.756 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 77 Resp: 38969
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.888 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

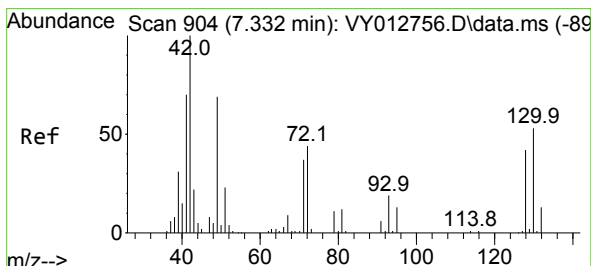
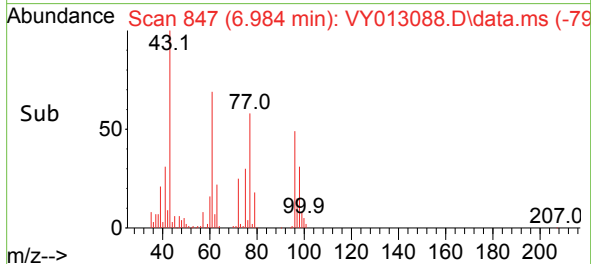
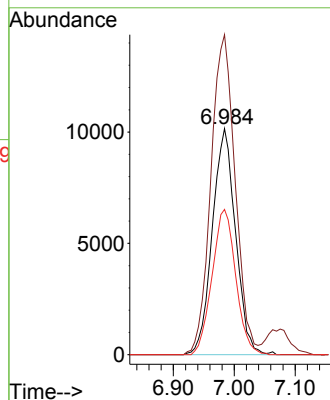
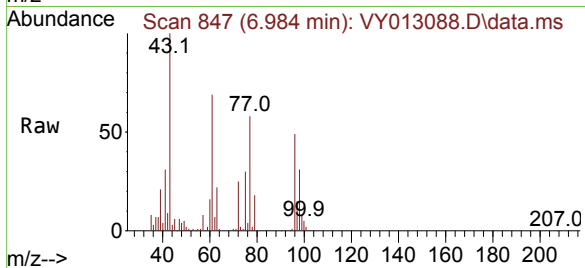
Tgt Ion: 96 Resp: 26901

Ion Ratio Lower Upper

96 100

61 147.8 0.0 295.8

98 65.6 0.0 130.2



#28

Bromochloromethane

Concen: 21.959 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.001 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

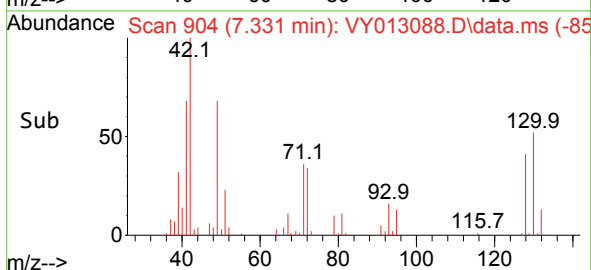
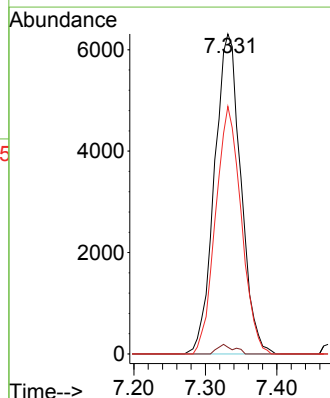
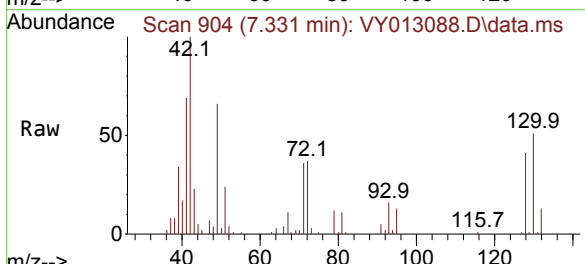
Tgt Ion: 49 Resp: 16184

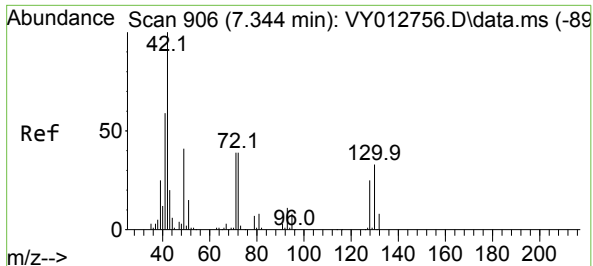
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 75.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 112.845 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

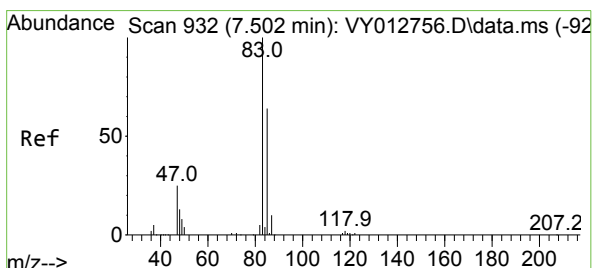
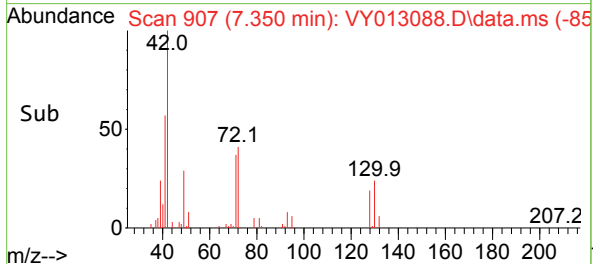
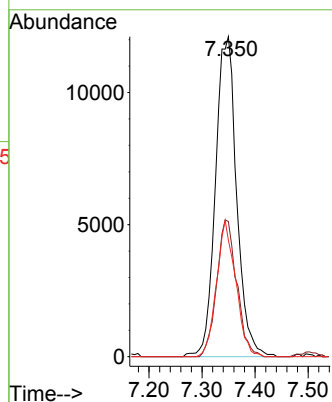
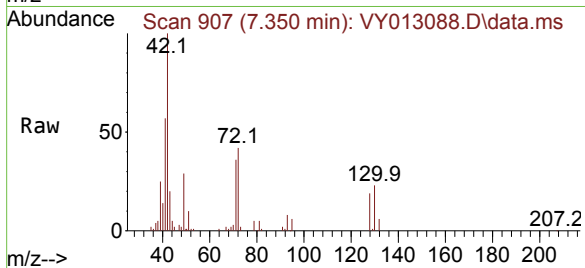
Tgt Ion: 42 Resp: 33652

Ion Ratio Lower Upper

42 100

72 40.4 32.3 48.5

71 38.5 30.3 45.5



#30

Chloroform

Concen: 23.063 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013088.D

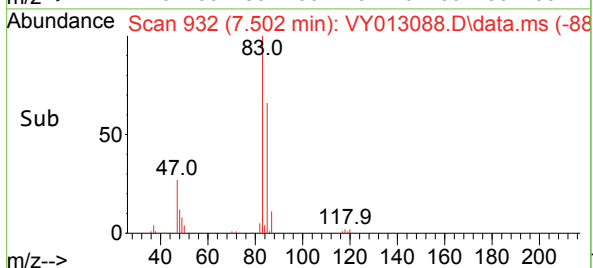
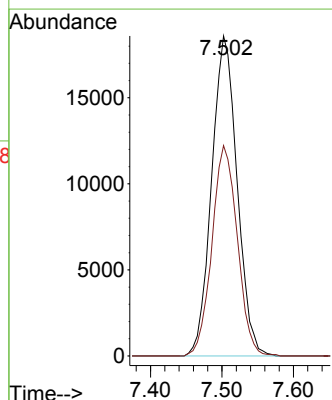
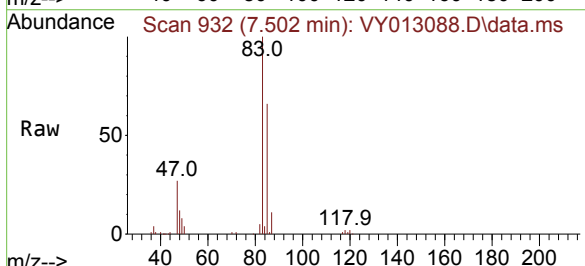
Acq: 27 Mar 2023 13:46

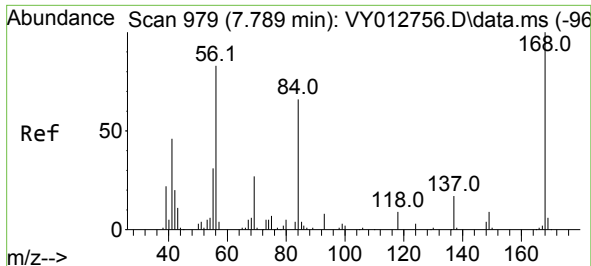
Tgt Ion: 83 Resp: 45942

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.0

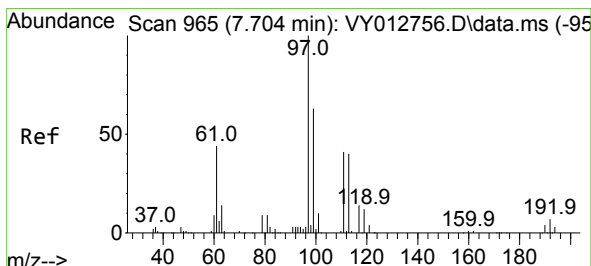
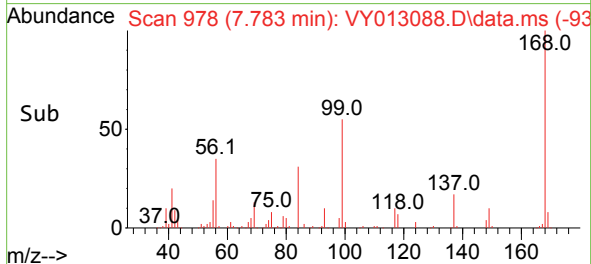
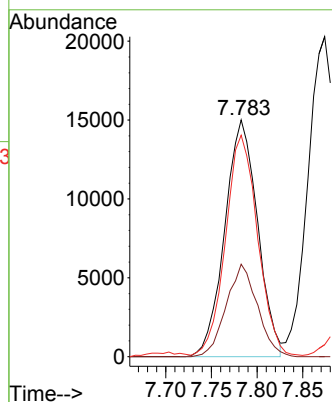
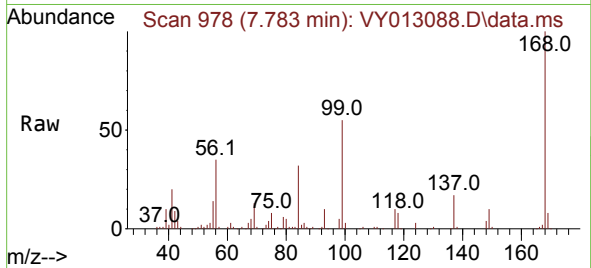




#31
Cyclohexane
Concen: 19.268 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

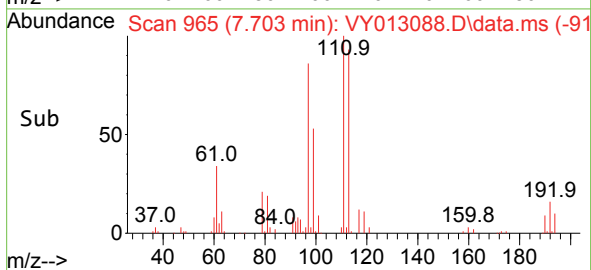
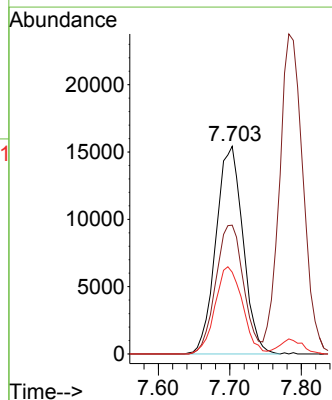
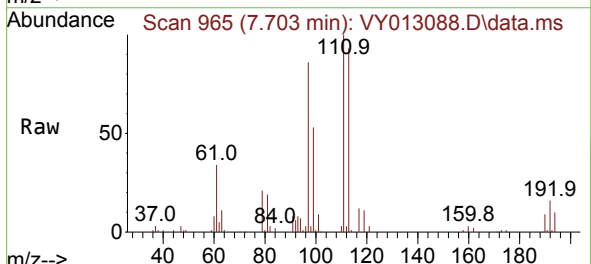
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

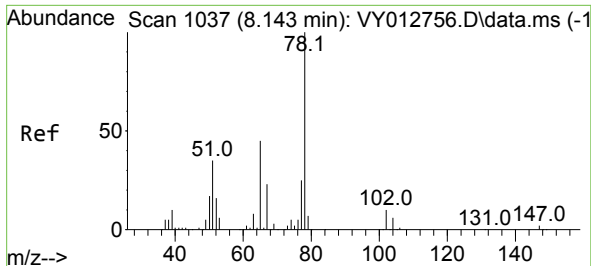
Tgt Ion: 56 Resp: 37532
Ion Ratio Lower Upper
56 100
69 39.0 25.7 38.5#
84 92.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.508 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 97 Resp: 40547
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 42.6 34.5 51.7

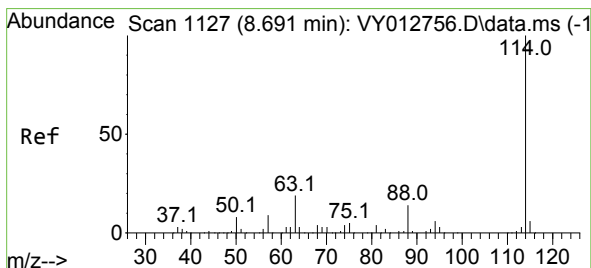
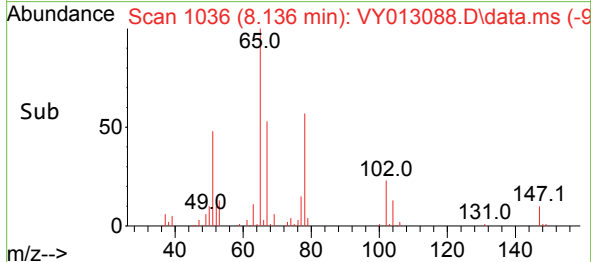
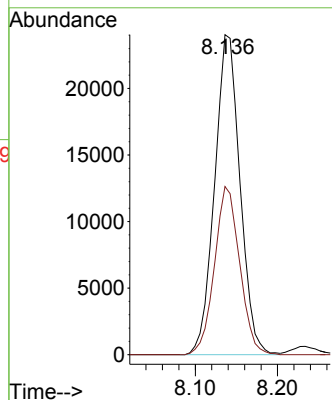
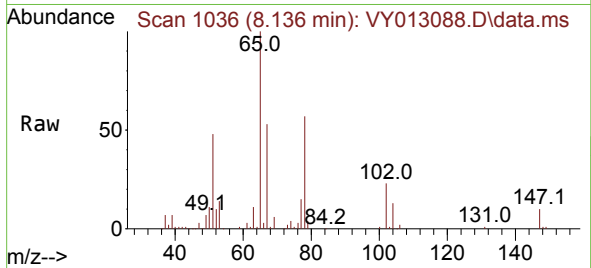




#33
 1,2-Dichloroethane-d4
 Concen: 50.686 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

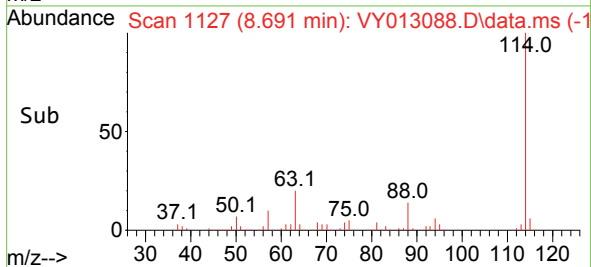
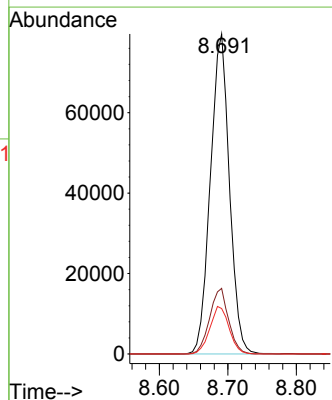
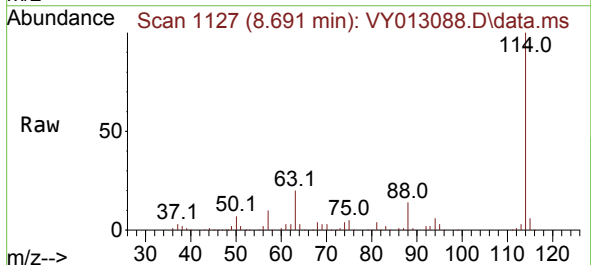
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tgt Ion: 65 Resp: 51551
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

Tgt Ion: 114 Resp: 153229
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 14.2 0.0 28.6

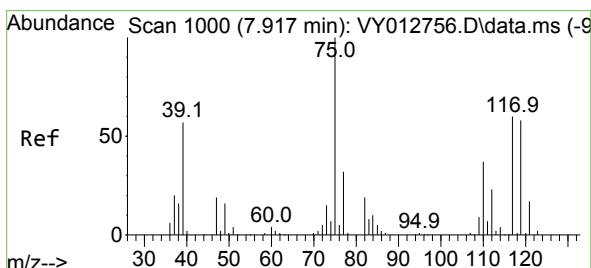
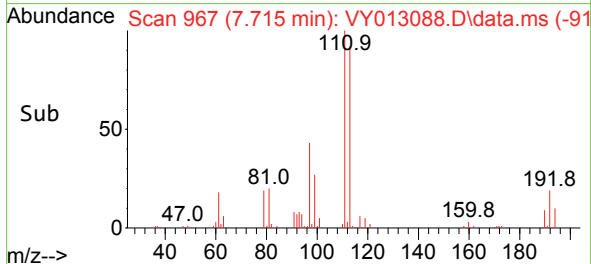
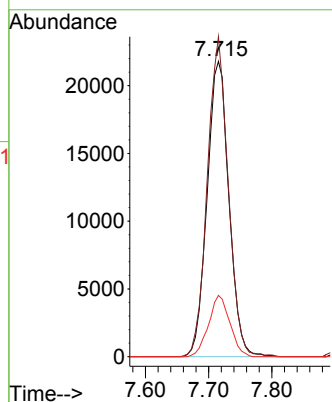
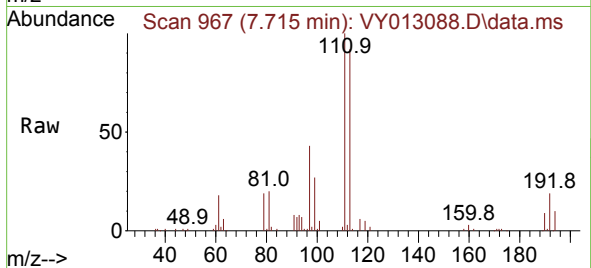




#35
Dibromofluoromethane
Concen: 56.525 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

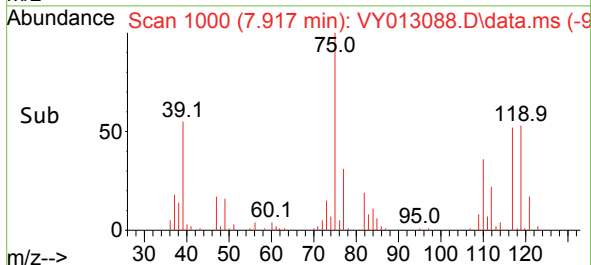
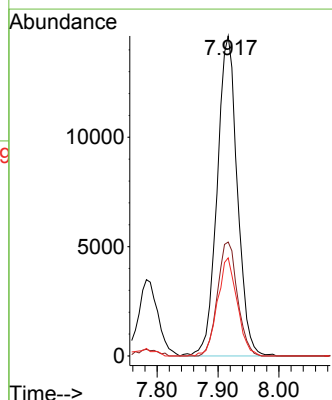
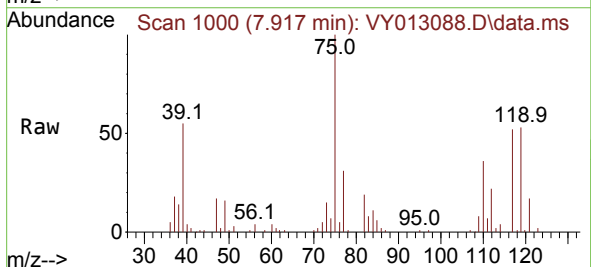
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

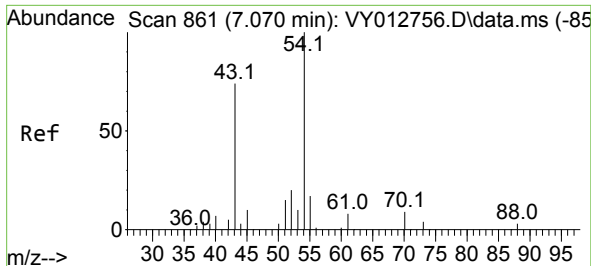
Tgt Ion:113 Resp: 52271
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.747 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 75 Resp: 33701
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 30.1 25.0 37.4

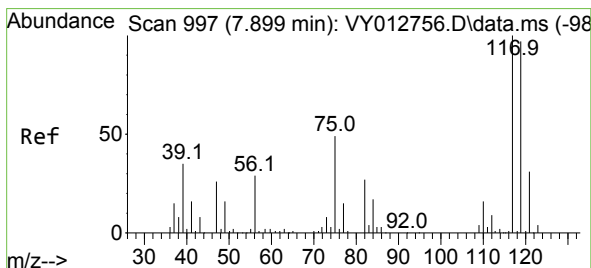
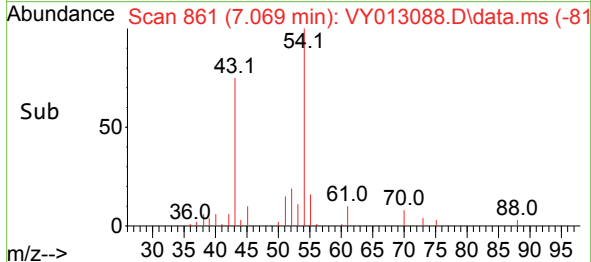
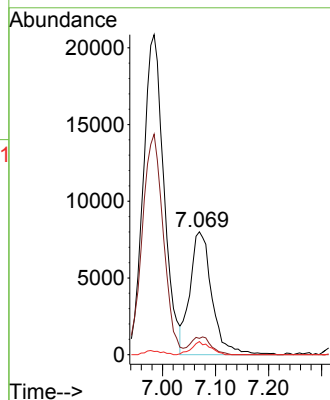
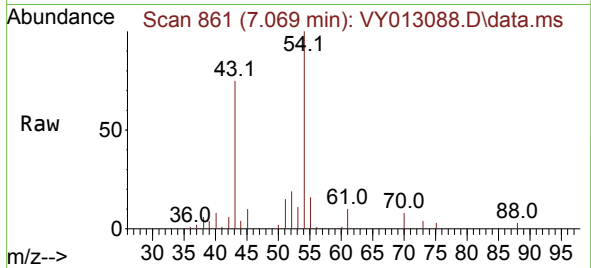




#37
Ethyl Acetate
Concen: 23.621 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

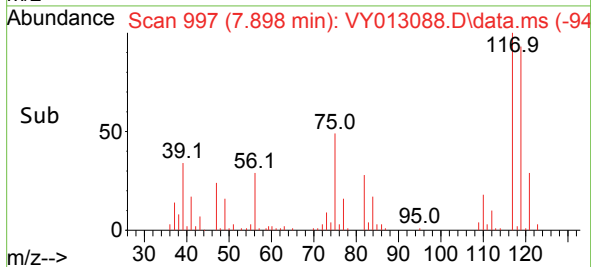
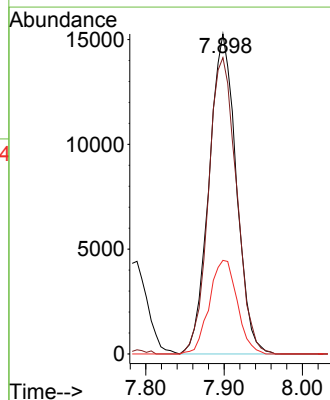
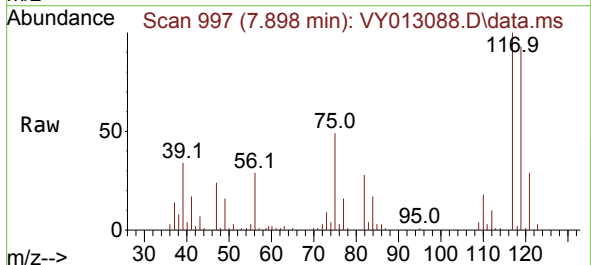
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 43 Resp: 23071
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 8.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 23.016 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 117 Resp: 36832
Ion Ratio Lower Upper
117 100
119 92.6 77.2 115.8
121 29.2 24.7 37.1





#39

Methylcyclohexane

Concen: 20.210 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

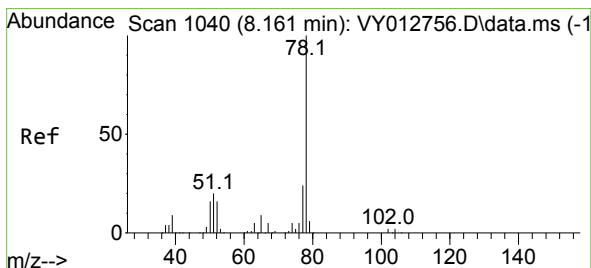
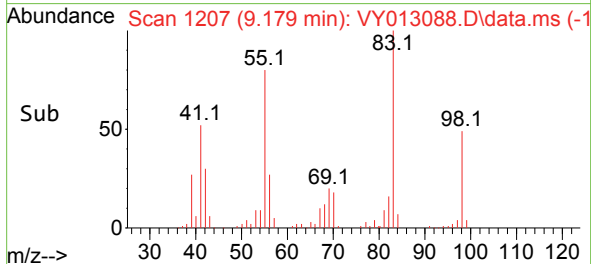
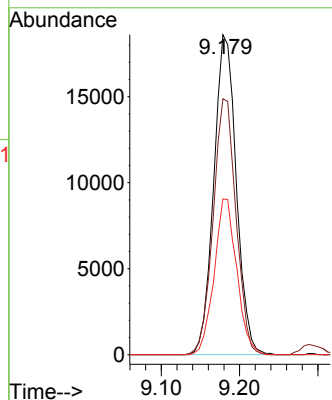
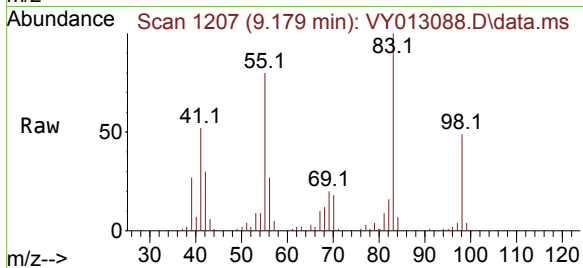
Tgt Ion: 83 Resp: 37233

Ion Ratio Lower Upper

83 100

55 80.0 60.0 90.0

98 48.7 38.3 57.5



#40

Benzene

Concen: 22.275 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013088.D

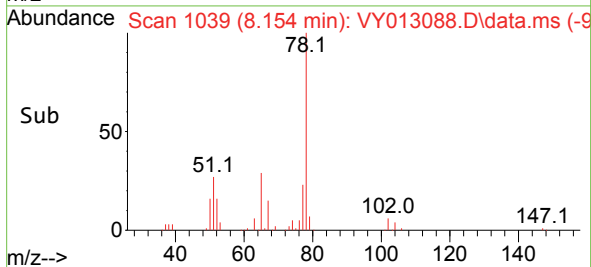
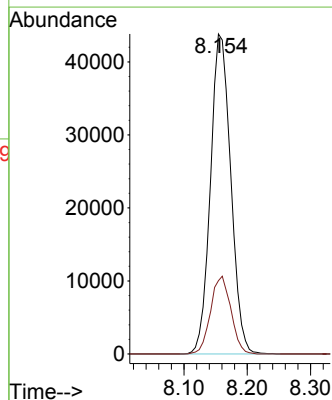
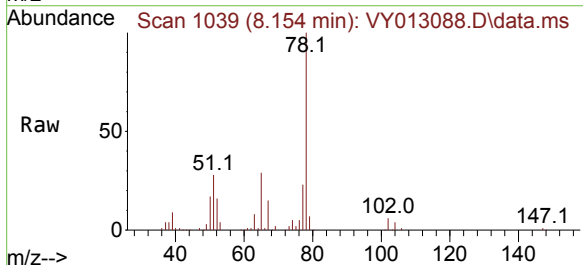
Acq: 27 Mar 2023 13:46

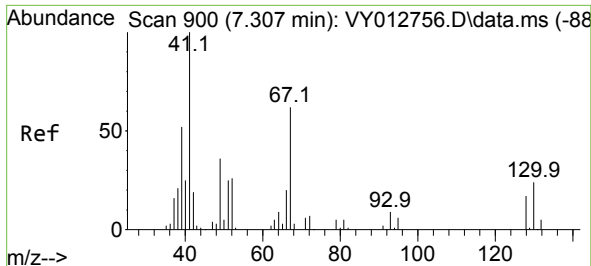
Tgt Ion: 78 Resp: 97642

Ion Ratio Lower Upper

78 100

77 22.9 19.4 29.0

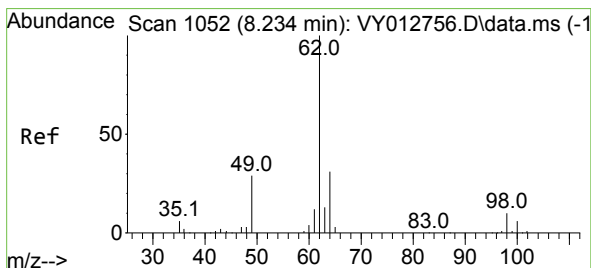
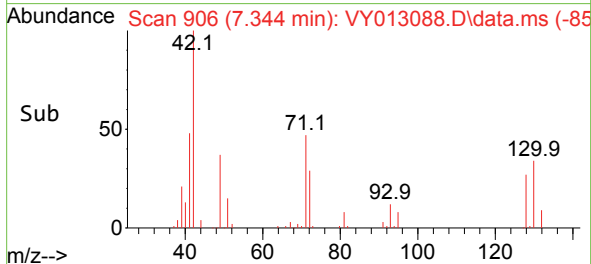
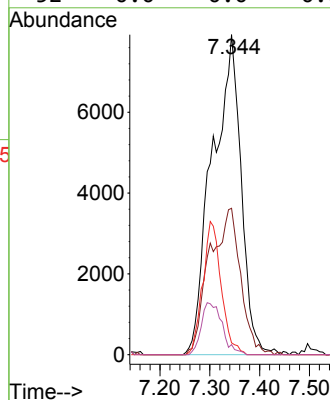
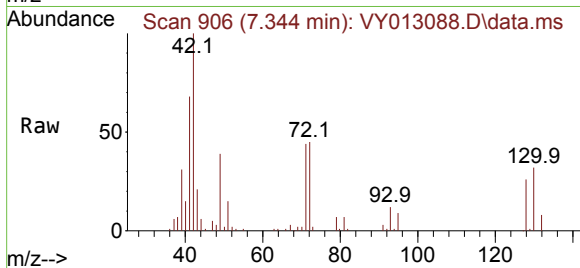




#41
Methacrylonitrile
Concen: 60.399 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

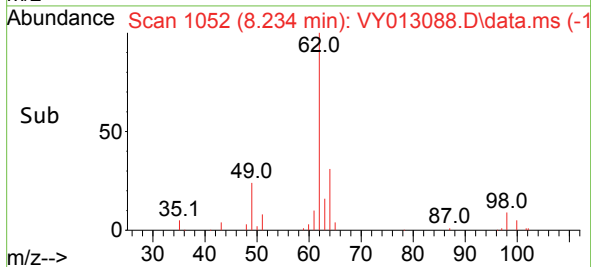
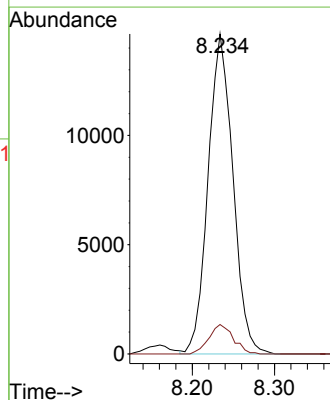
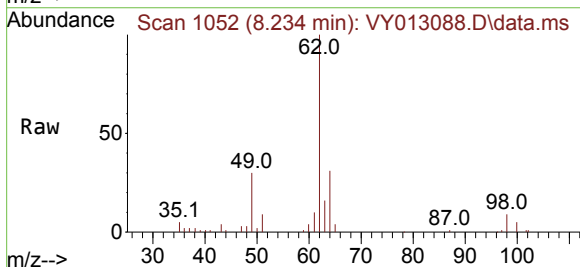
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

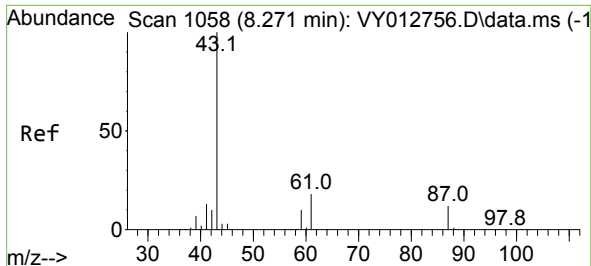
Tgt Ion:	41	Resp:	31784
Ion	Ratio	Lower	Upper
41	100		
39	49.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.327 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:	62	Resp:	30743
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.8

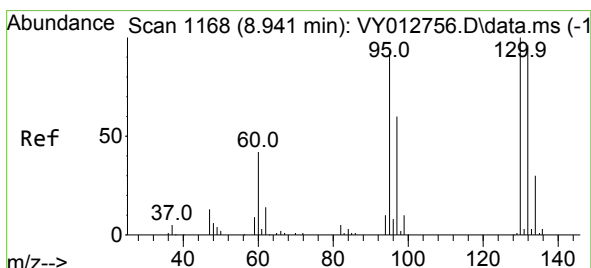
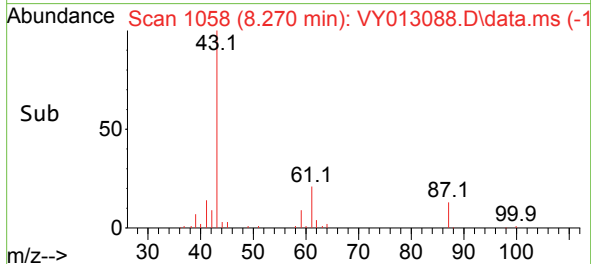
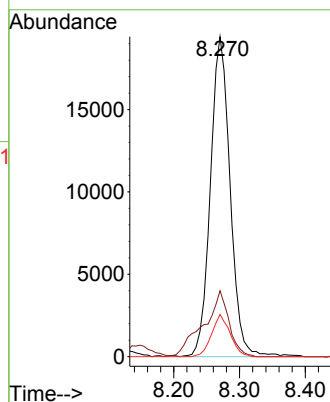
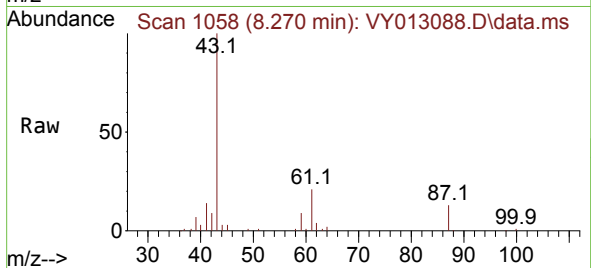




#43
Isopropyl Acetate
Concen: 23.260 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

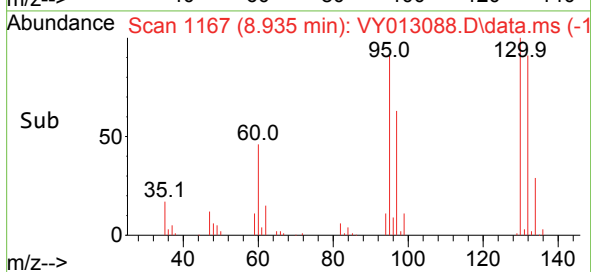
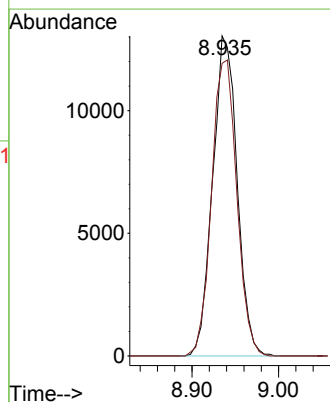
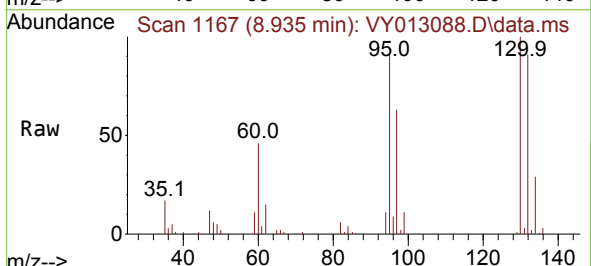
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

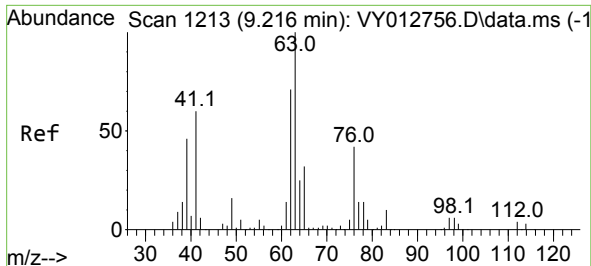
Tgt Ion:	43	Resp:	40533
Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.6	32.4
87	12.4	9.9	14.9



#44
Trichloroethene
Concen: 22.182 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:	130	Resp:	25636
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	185.0

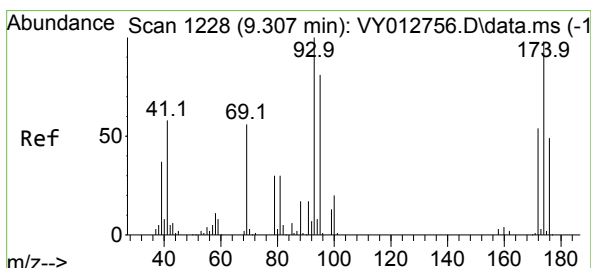
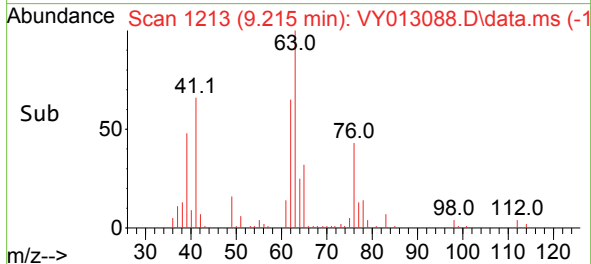
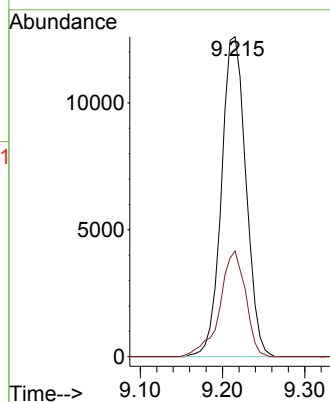
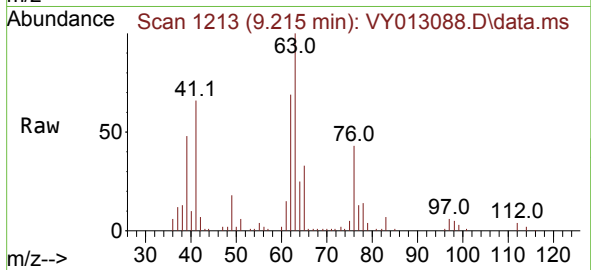




#45
1,2-Dichloropropane
Concen: 23.504 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

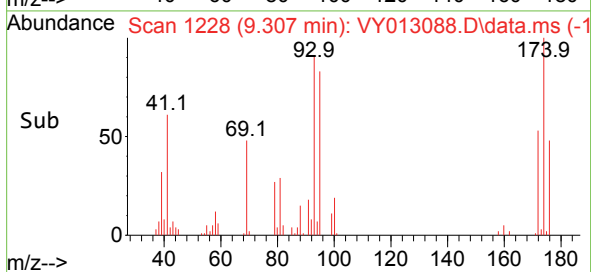
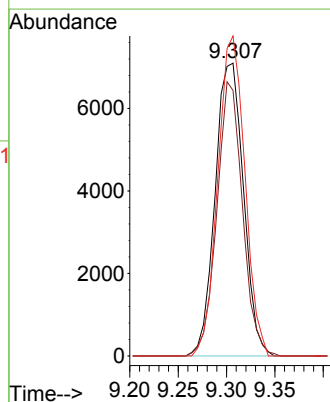
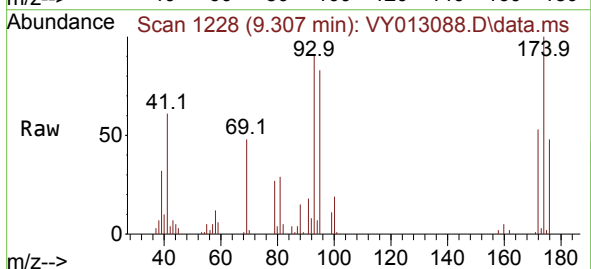
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

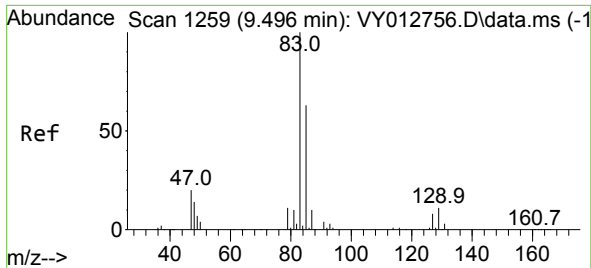
Tgt Ion: 63 Resp: 26039
Ion Ratio Lower Upper
63 100
65 33.0 25.7 38.5



#46
Dibromomethane
Concen: 22.936 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 93 Resp: 14476
Ion Ratio Lower Upper
93 100
95 84.6 65.6 98.4
174 104.1 81.3 121.9

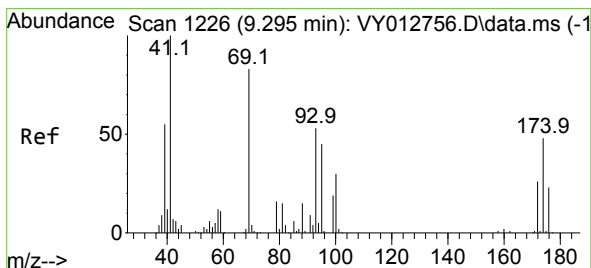
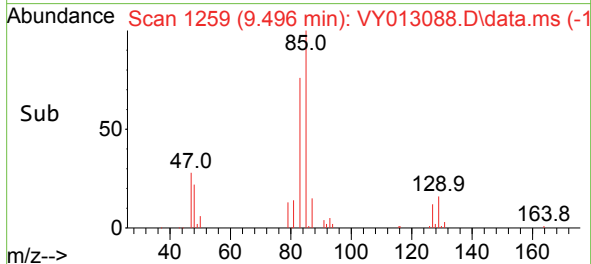
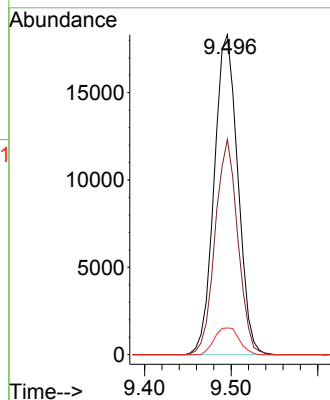
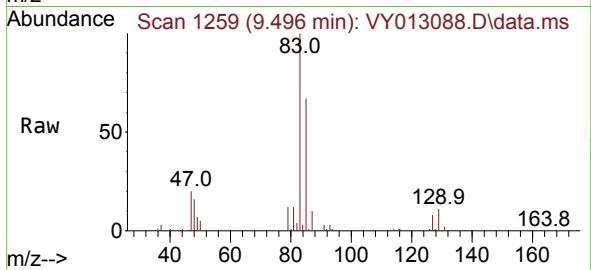




#47
Bromodichloromethane
Concen: 23.342 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

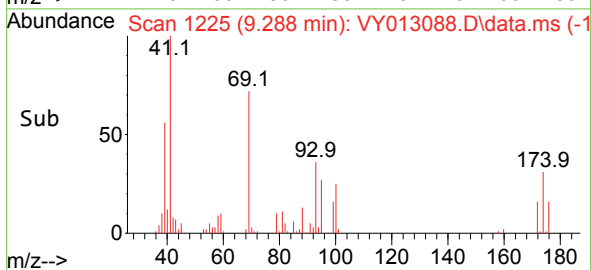
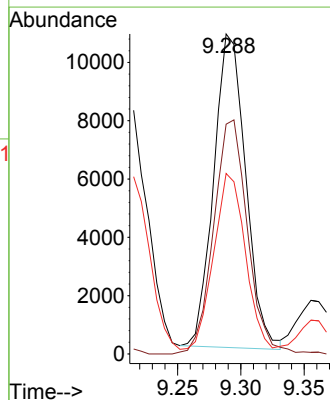
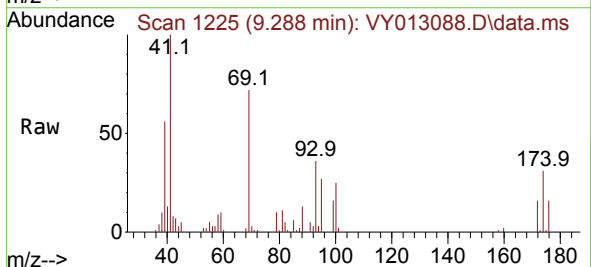
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

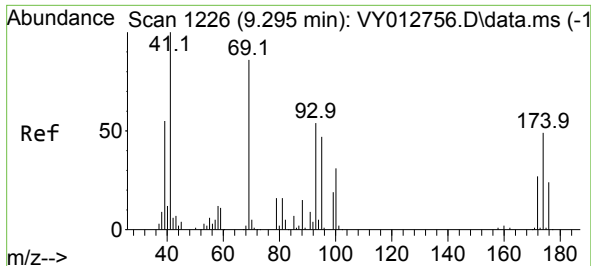
Tgt Ion: 83	Resp: 34717
Ion Ratio	Lower Upper
83 100	
85 67.2	50.2 75.4
127 8.4	6.3 9.5



#48
Methyl methacrylate
Concen: 23.528 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 41	Resp: 18892
Ion Ratio	Lower Upper
41 100	
69 79.3	64.1 96.1
39 55.8	44.0 66.0





#49

1,4-Dioxane

Concen: 462.065 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

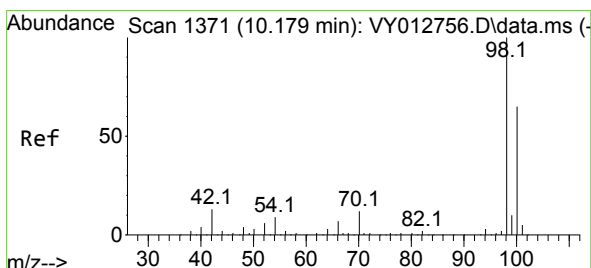
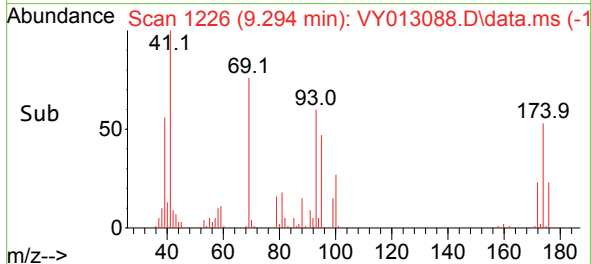
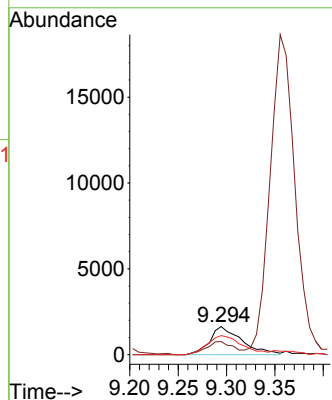
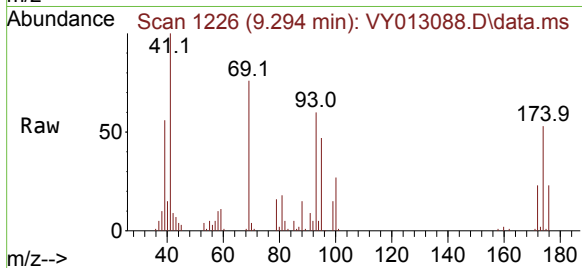
Tgt Ion: 88 Resp: 3770

Ion Ratio Lower Upper

88 100

43 38.0 28.6 42.8

58 73.1 55.2 82.8



#50

Toluene-d8

Concen: 47.397 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013088.D

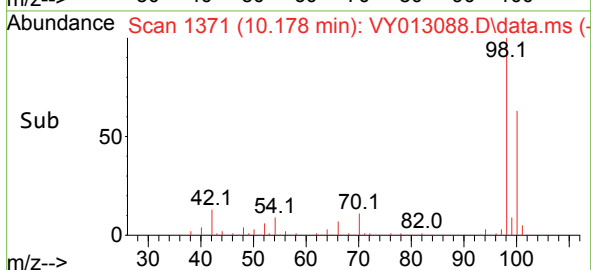
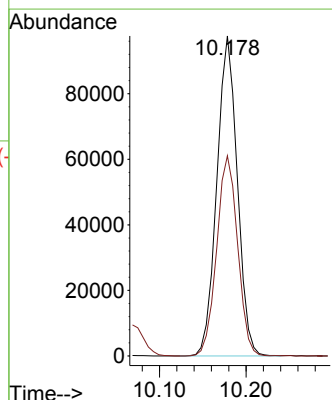
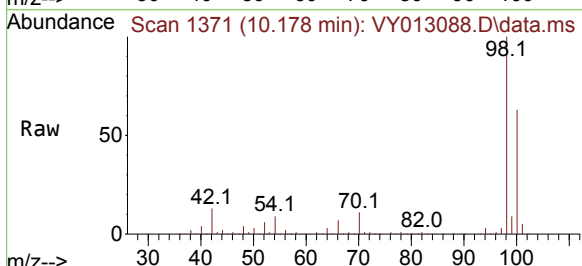
Acq: 27 Mar 2023 13:46

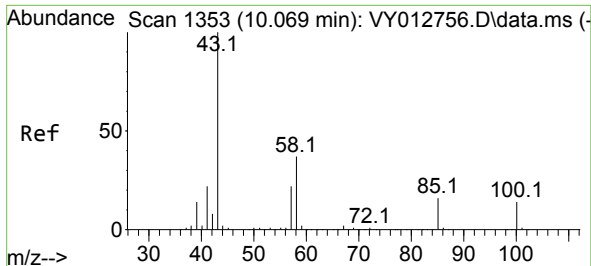
Tgt Ion: 98 Resp: 160234

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 129.000 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

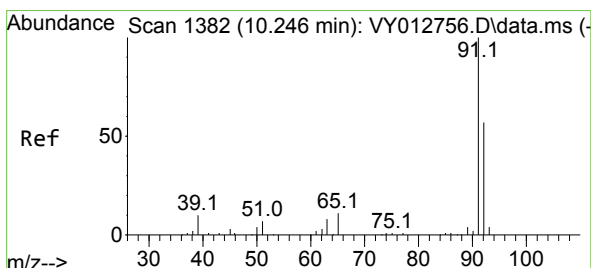
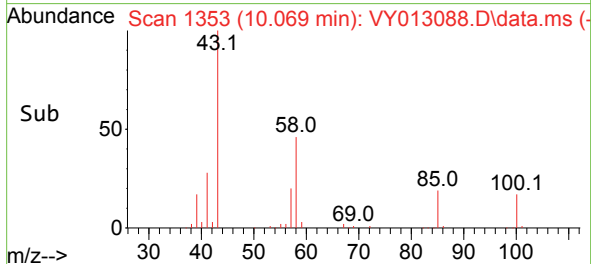
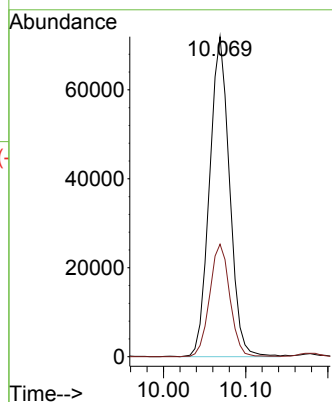
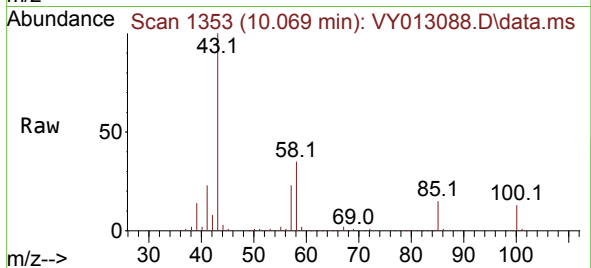
VY0327SBS01

Tgt Ion: 43 Resp: 121937

Ion Ratio Lower Upper

43 100

58 35.4 29.8 44.6



#52

Toluene

Concen: 22.825 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013088.D

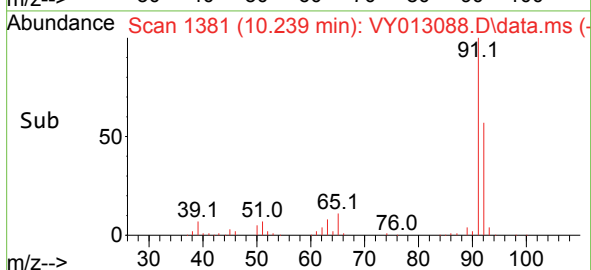
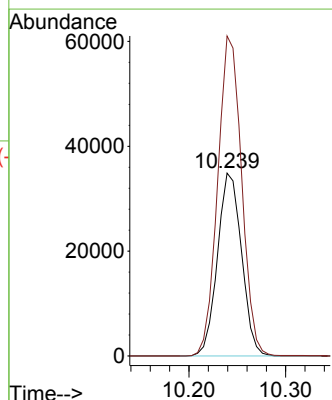
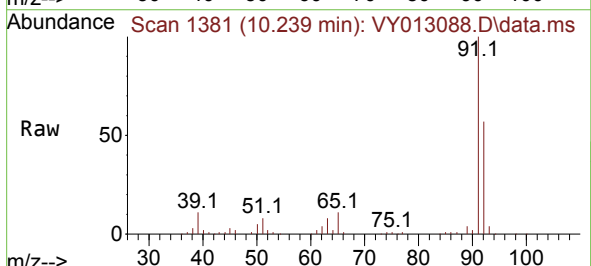
Acq: 27 Mar 2023 13:46

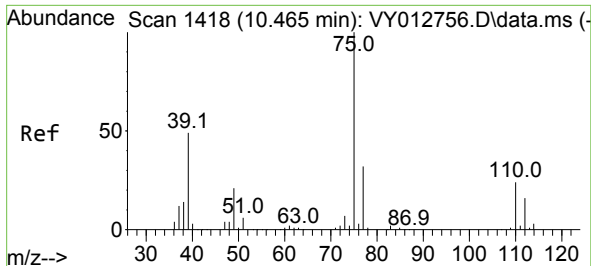
Tgt Ion: 92 Resp: 60342

Ion Ratio Lower Upper

92 100

91 174.0 141.3 211.9

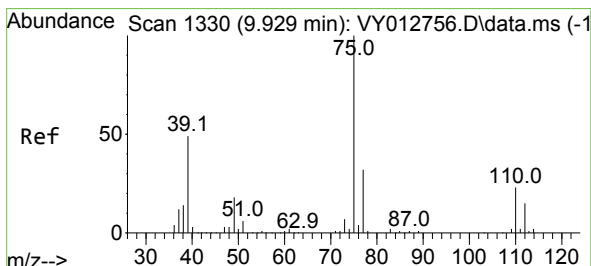
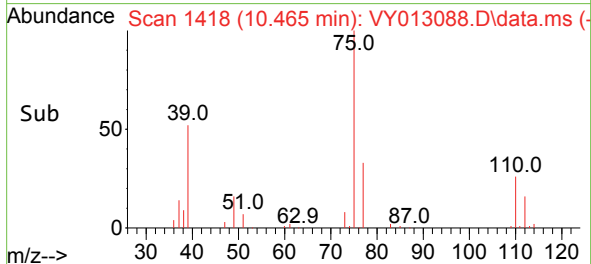
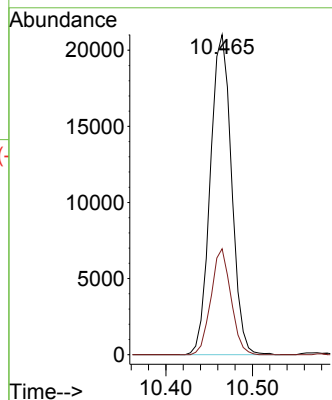
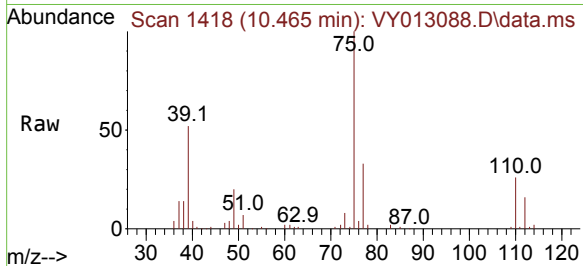




#53
 t-1,3-Dichloropropene
 Concen: 22.948 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

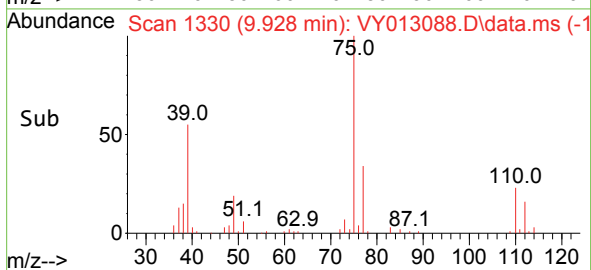
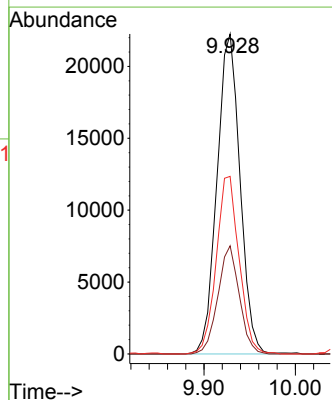
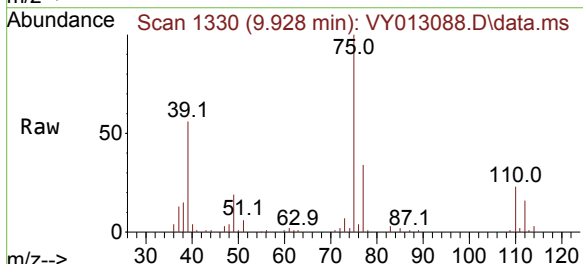
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

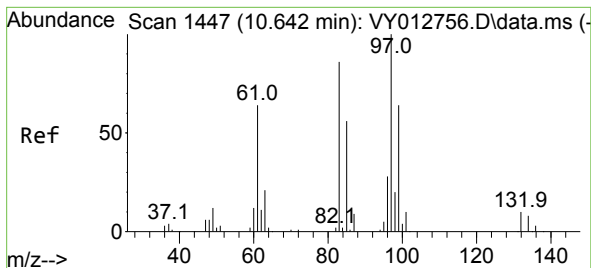
Tgt Ion: 75 Resp: 35799
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.063 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013088.D
 Acq: 27 Mar 2023 13:46

Tgt Ion: 75 Resp: 38958
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.0
 39 55.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.763 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tgt Ion: 97 Resp: 20887

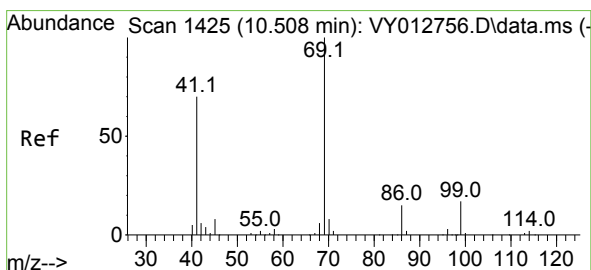
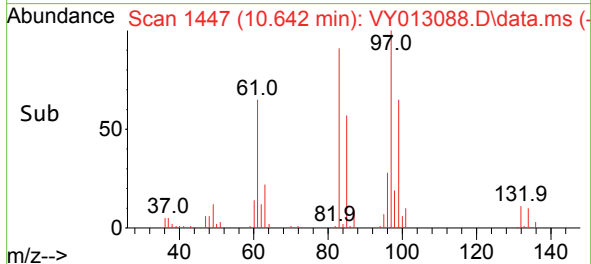
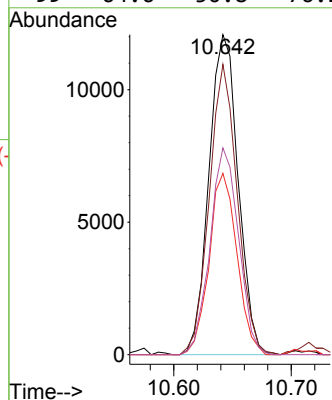
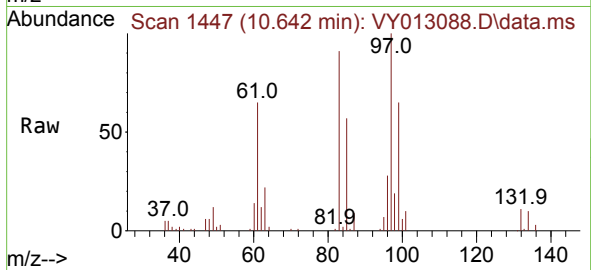
Ion Ratio Lower Upper

97 100

83 90.7 69.0 103.6

85 56.6 44.9 67.3

99 64.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 23.279 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

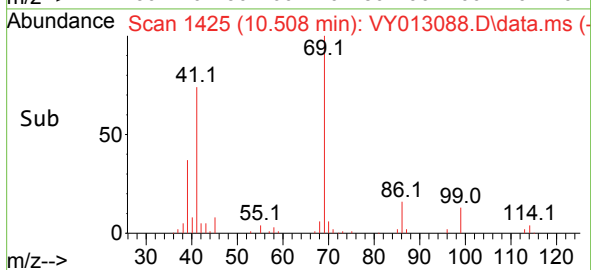
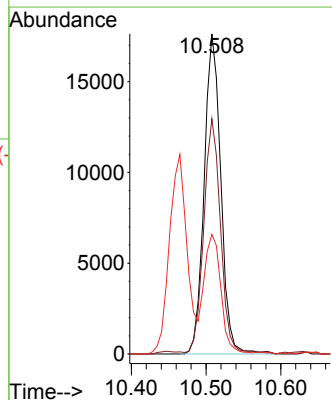
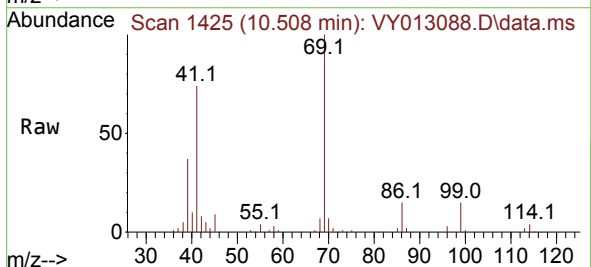
Tgt Ion: 69 Resp: 27283

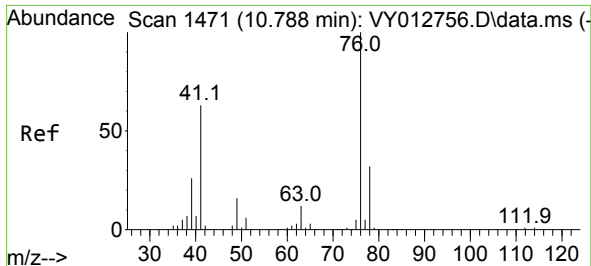
Ion Ratio Lower Upper

69 100

41 74.6 56.4 84.6

39 36.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 23.615 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

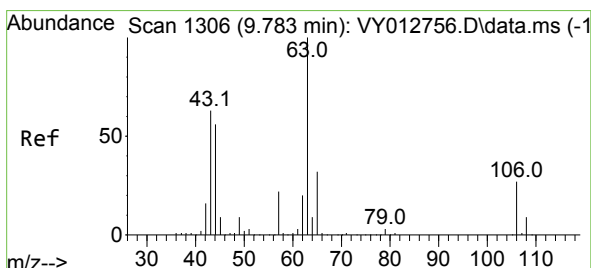
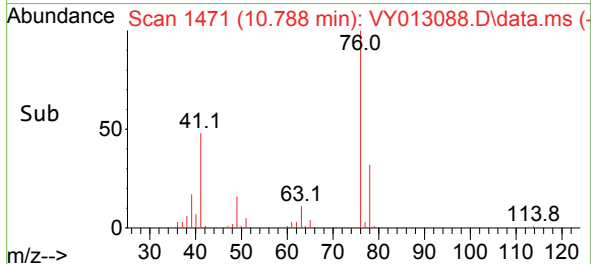
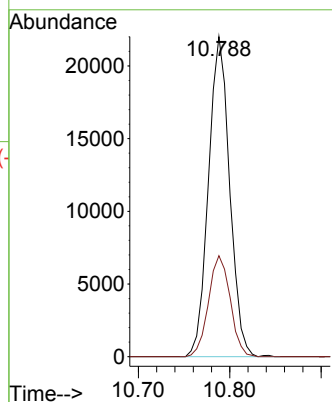
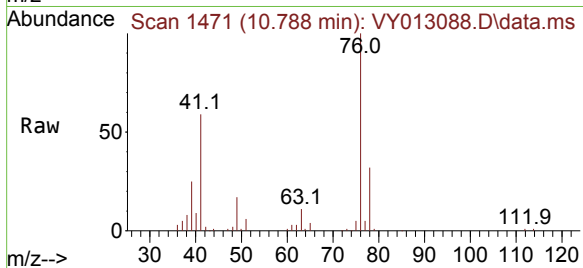
VY0327SBS01

Tgt Ion: 76 Resp: 35353

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 112.284 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013088.D

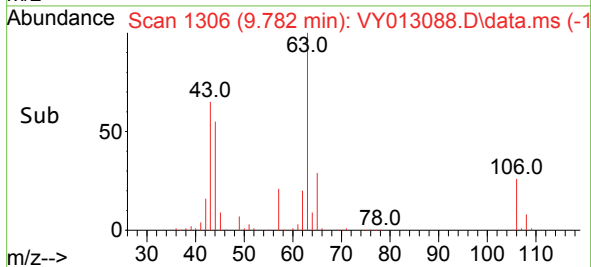
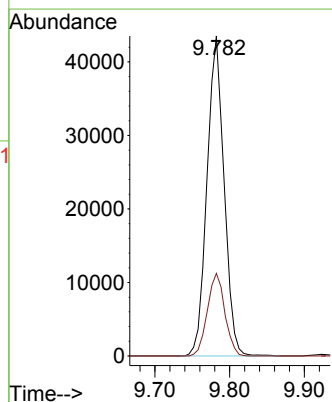
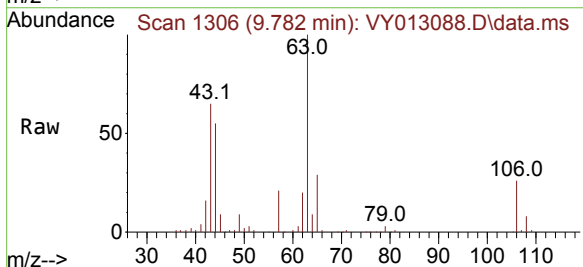
Acq: 27 Mar 2023 13:46

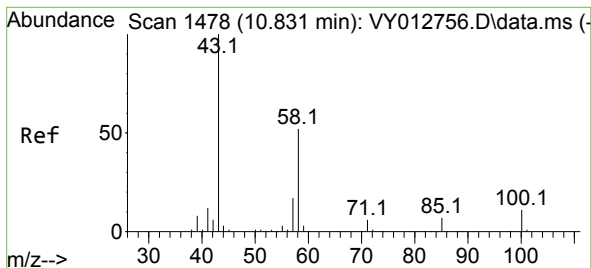
Tgt Ion: 63 Resp: 69082

Ion Ratio Lower Upper

63 100

106 26.3 22.1 33.1

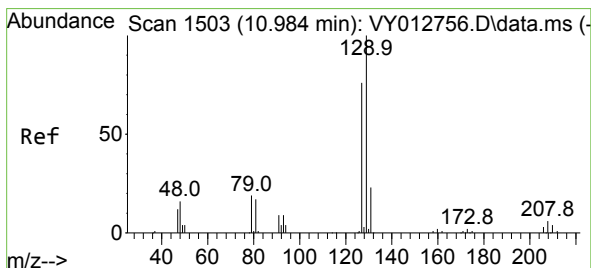
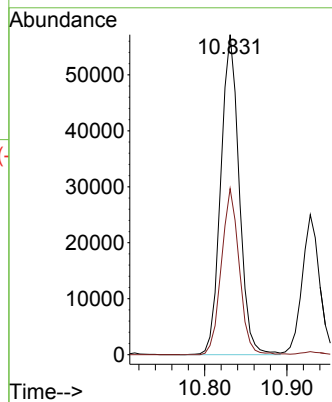
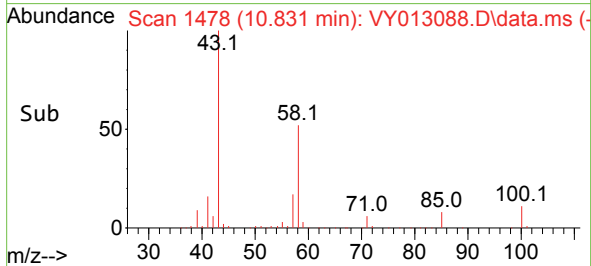
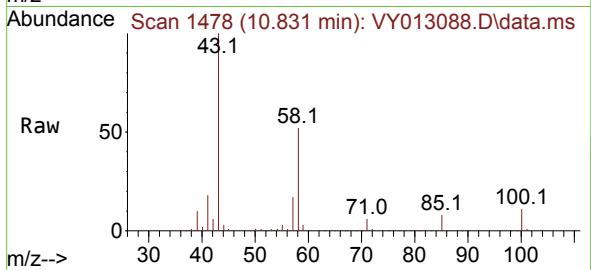




#59
2-Hexanone
Concen: 129.394 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

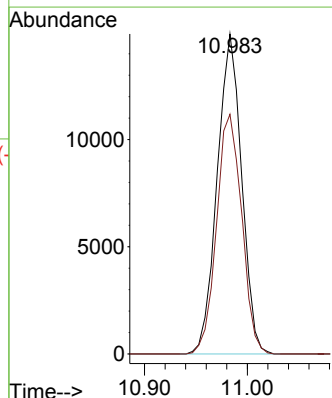
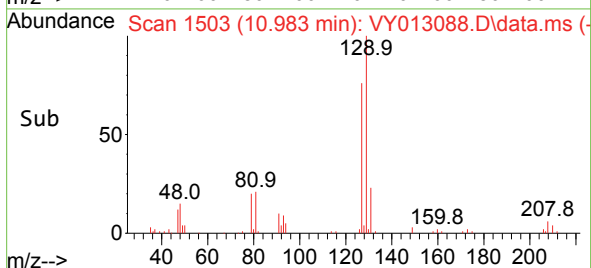
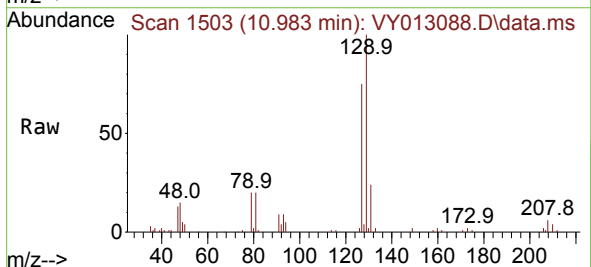
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

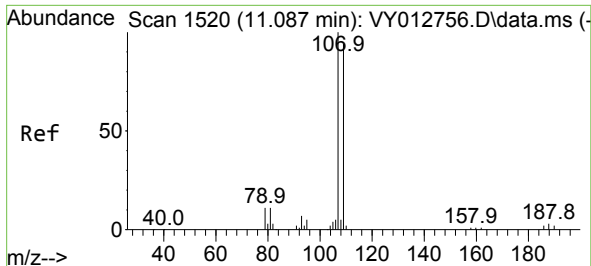
Tgt Ion: 43 Resp: 88892
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.8



#60
Dibromochloromethane
Concen: 23.019 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 129 Resp: 24629
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

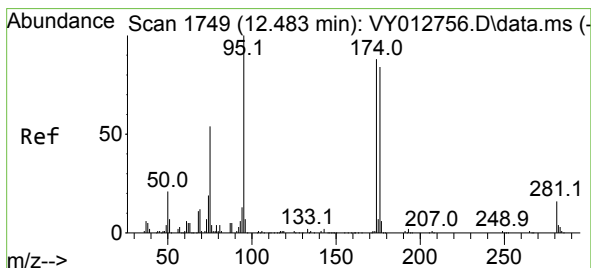
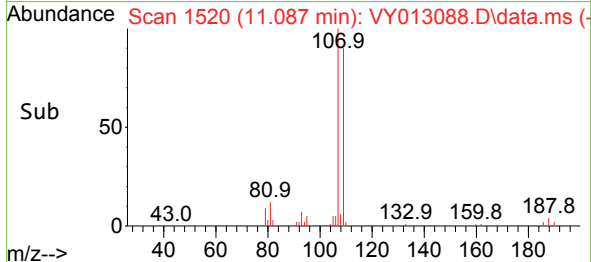
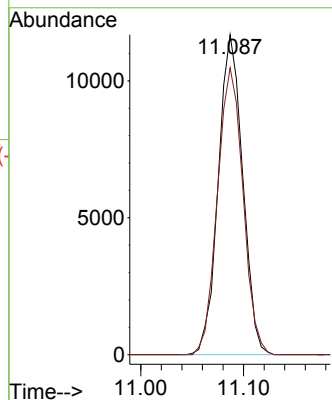
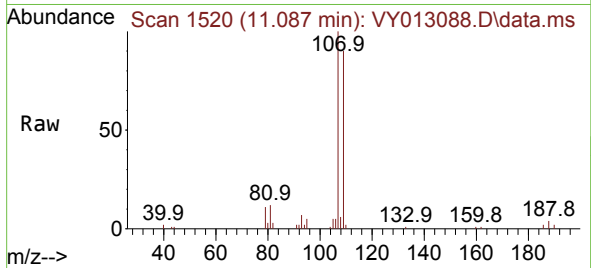




#61
1,2-Dibromoethane
Concen: 22.692 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

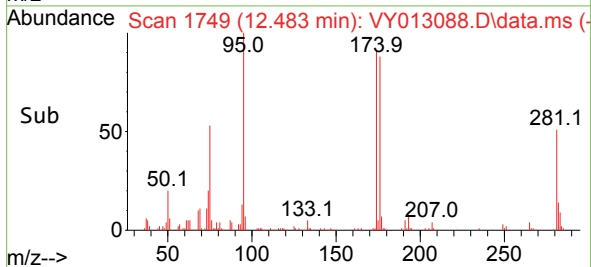
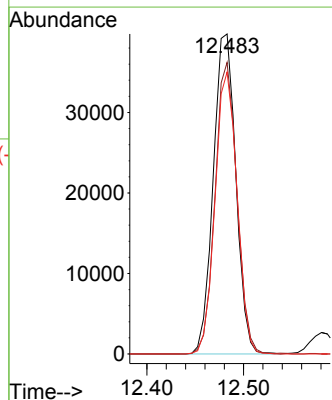
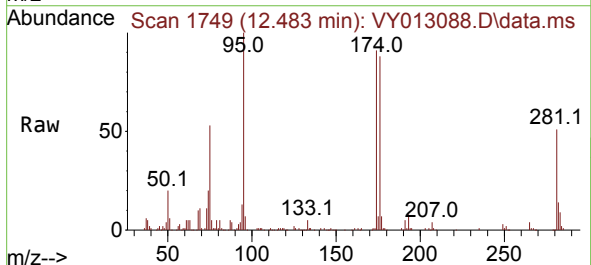
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

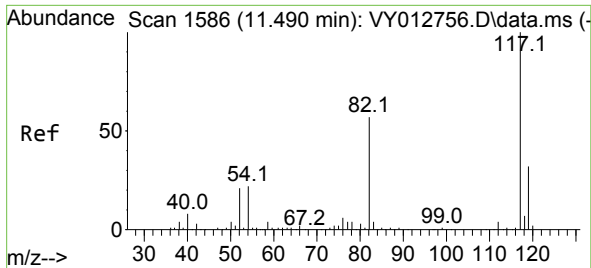
Tgt Ion:107 Resp: 19213
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 56.476 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 95 Resp: 64442
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 85.8 0.0 170.2

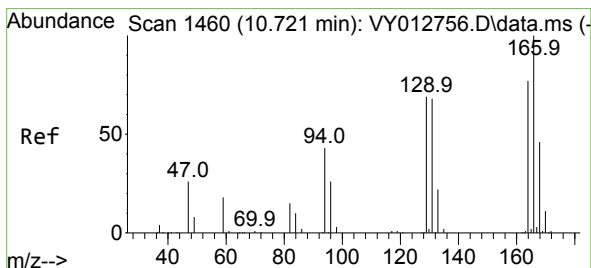
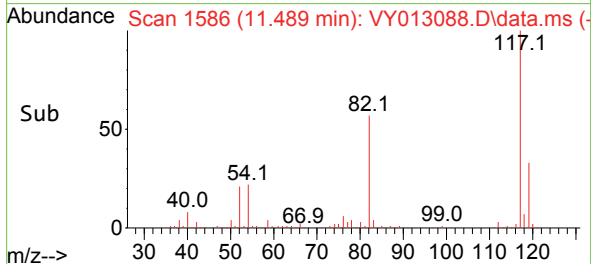
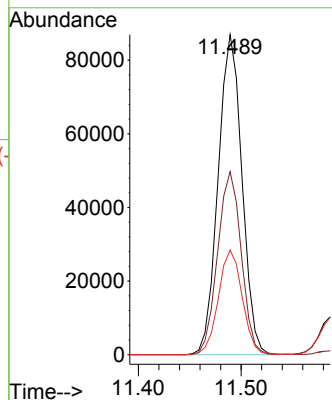
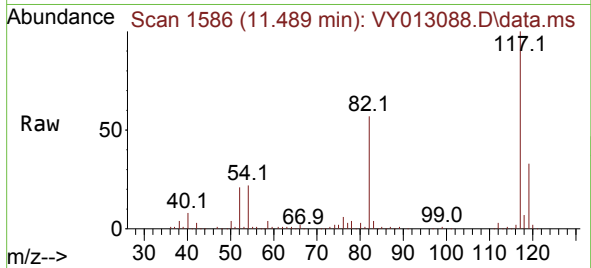




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

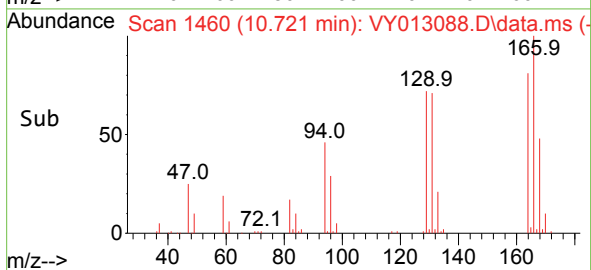
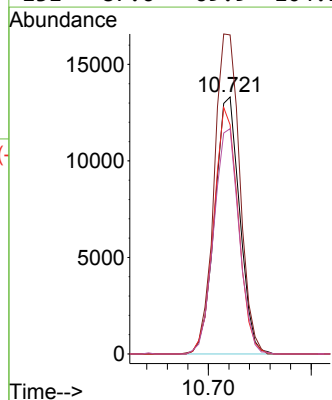
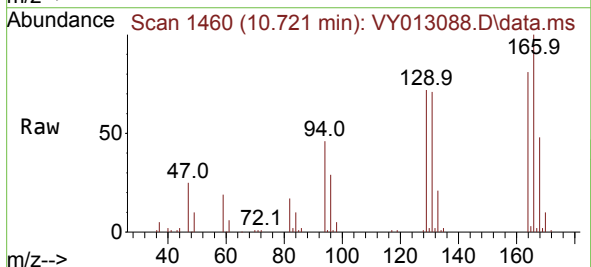
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

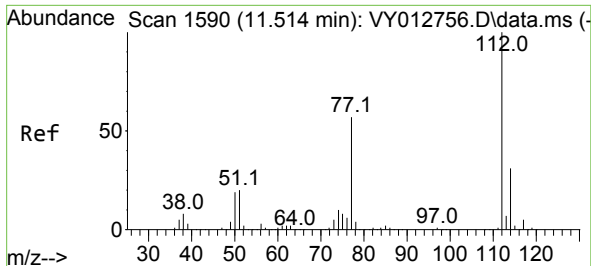
Tgt Ion:117 Resp: 139939
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 22.045 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:164 Resp: 22461
Ion Ratio Lower Upper
164 100
166 124.2 103.4 155.2
129 89.2 71.4 107.2
131 87.6 69.9 104.9

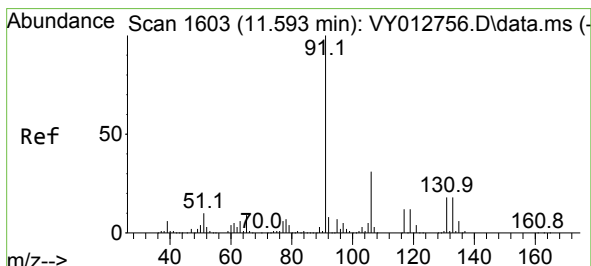
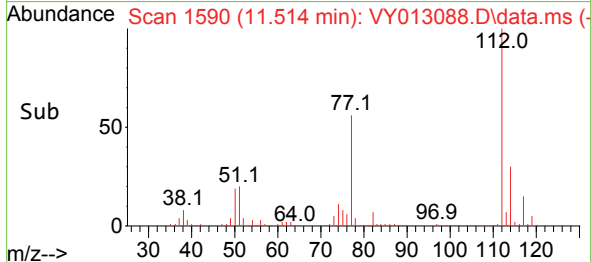
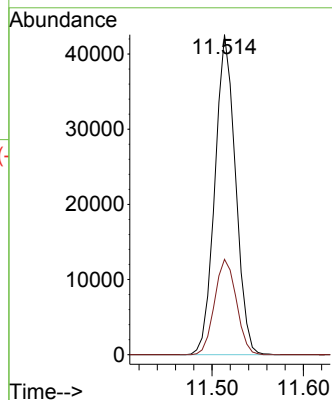
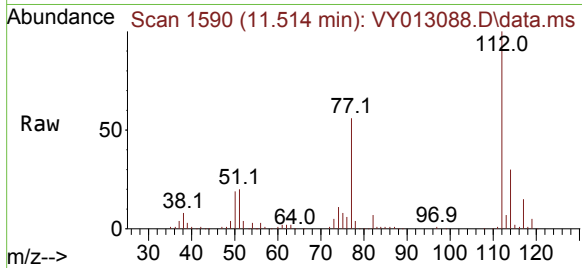




#65
Chlorobenzene
Concen: 22.707 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

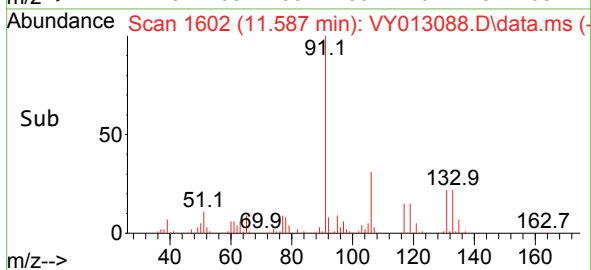
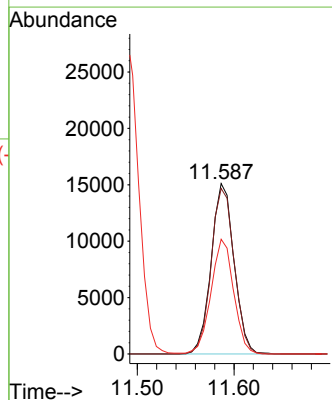
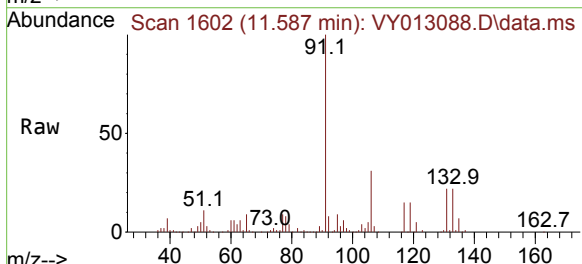
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

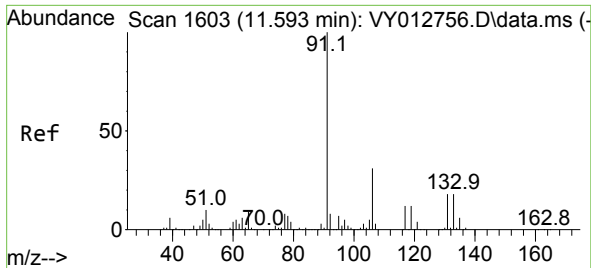
Tgt Ion:112 Resp: 66690
Ion Ratio Lower Upper
112 100
114 29.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.867 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:131 Resp: 24851
Ion Ratio Lower Upper
131 100
133 97.8 48.0 144.0
119 66.8 32.6 98.0

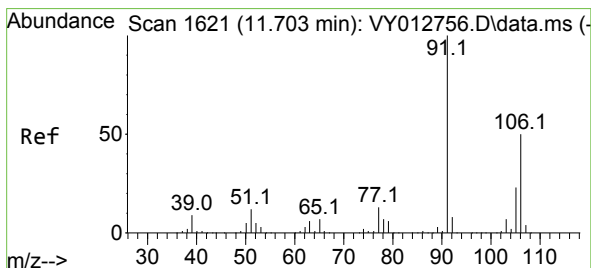
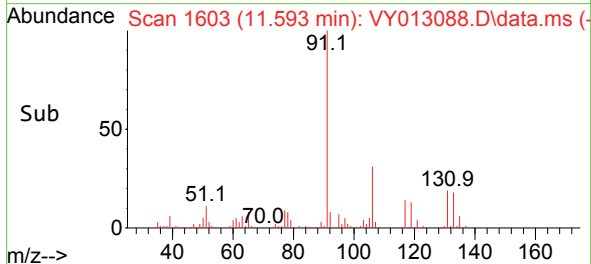
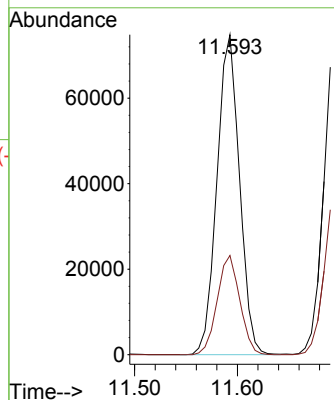
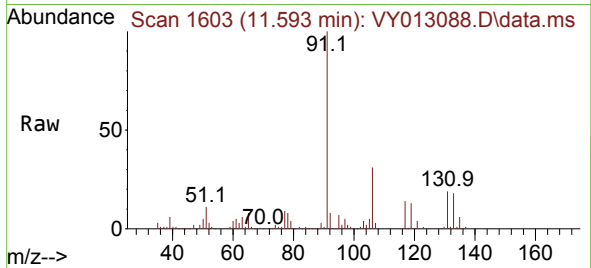




#67
Ethyl Benzene
Concen: 22.048 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

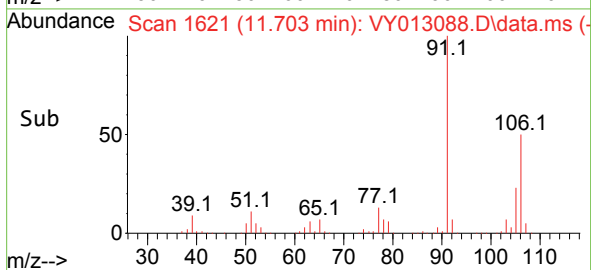
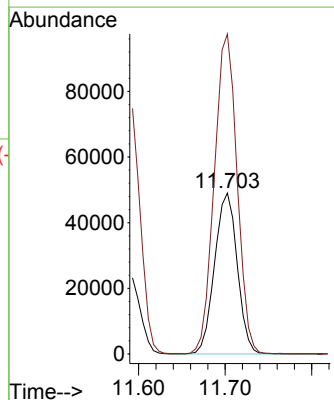
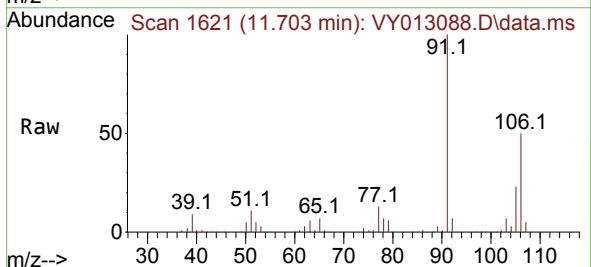
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

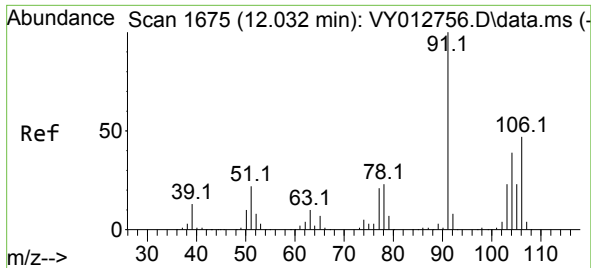
Tgt Ion: 91 Resp: 113846
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 44.838 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:106 Resp: 89068
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.8

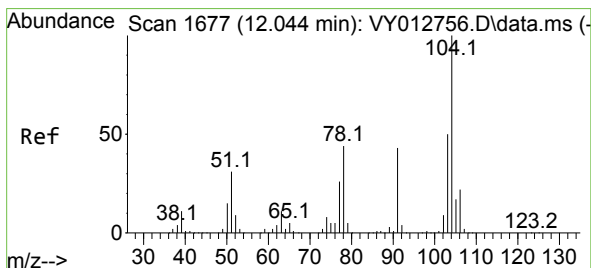
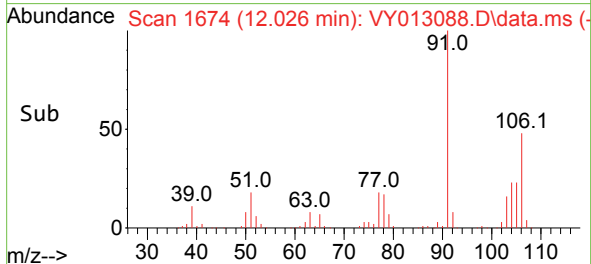
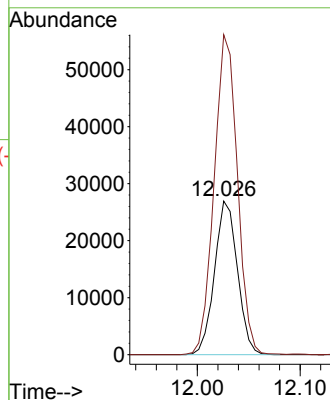
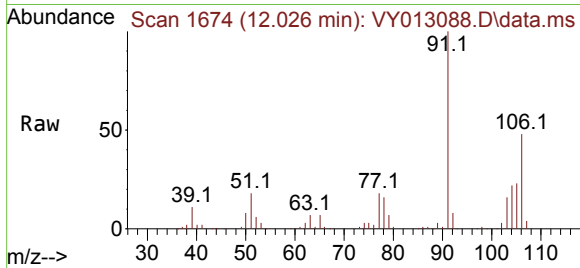




#69
o-Xylene
Concen: 22.482 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

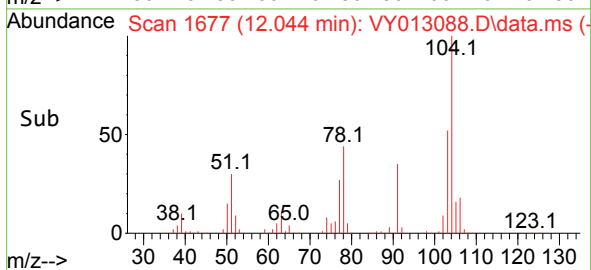
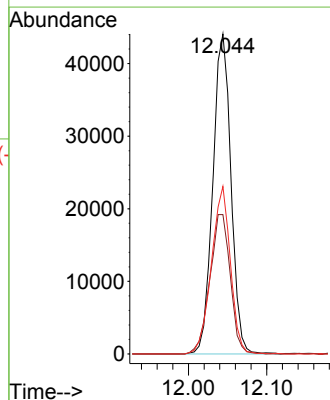
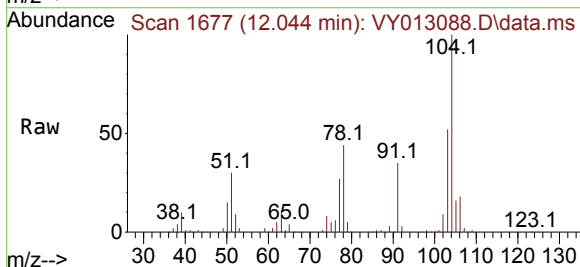
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

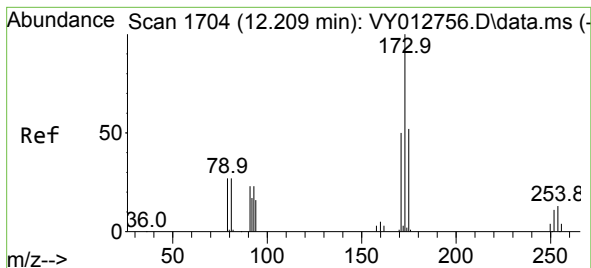
Tgt Ion:106 Resp: 41680
Ion Ratio Lower Upper
106 100
91 211.7 107.2 321.6



#70
Styrene
Concen: 22.935 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:104 Resp: 70956
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 54.7 43.7 65.5





#71

Bromoform

Concen: 23.825 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

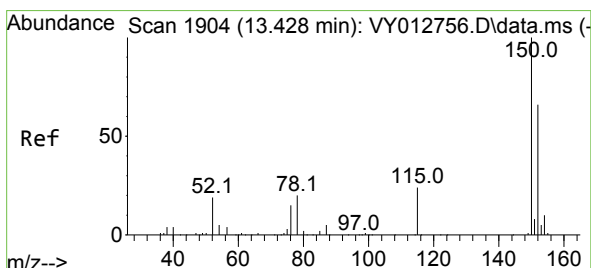
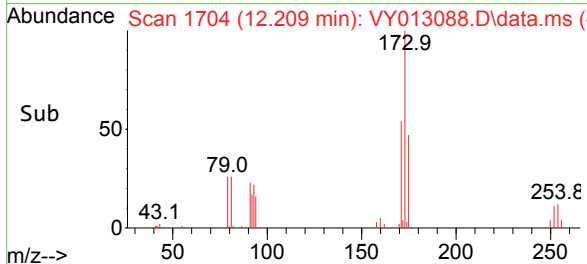
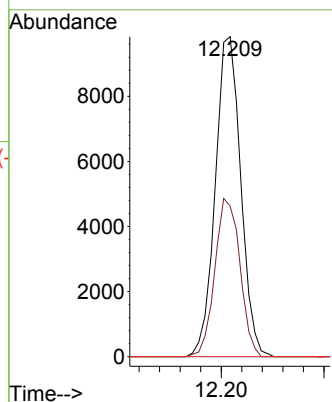
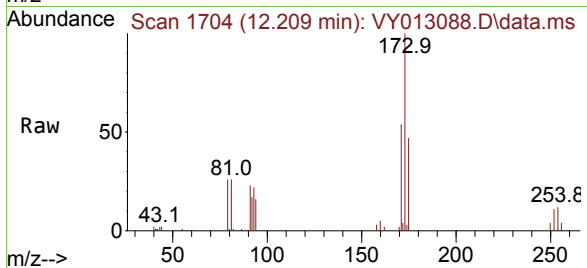
Tgt Ion:173 Resp: 16882

Ion Ratio Lower Upper

173 100

175 48.6 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

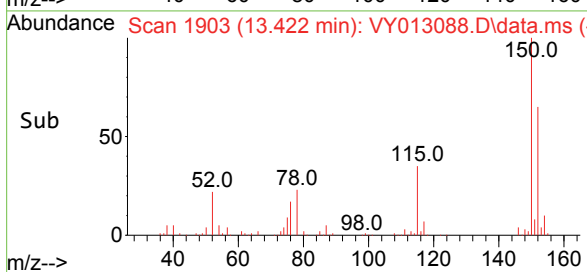
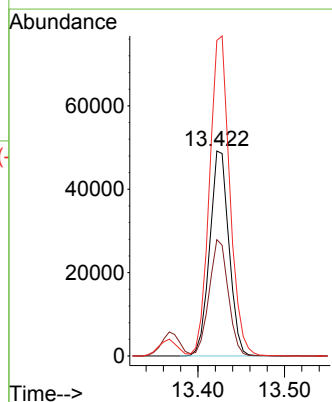
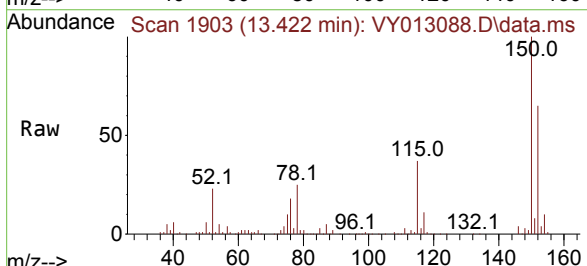
Tgt Ion:152 Resp: 75841

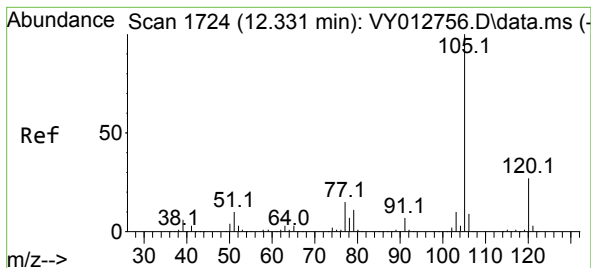
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 164.3 0.0 347.8





#73

Isopropylbenzene

Concen: 20.710 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

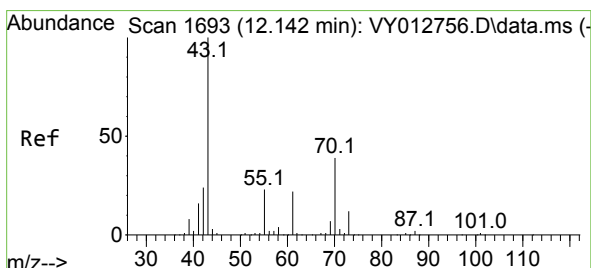
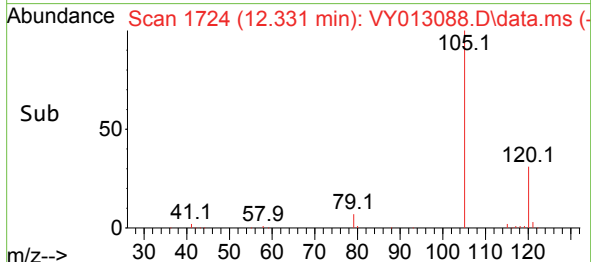
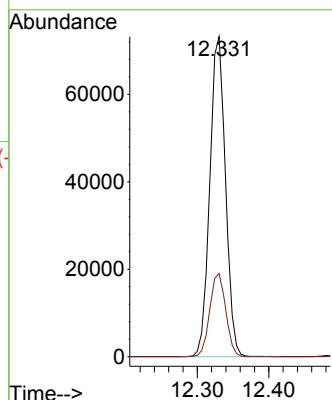
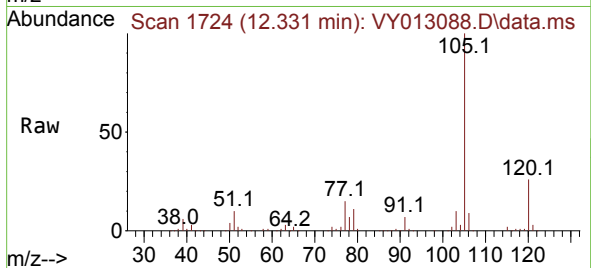
VY0327SBS01

Tgt Ion:105 Resp: 111317

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 20.964 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Tgt Ion: 43 Resp: 35454

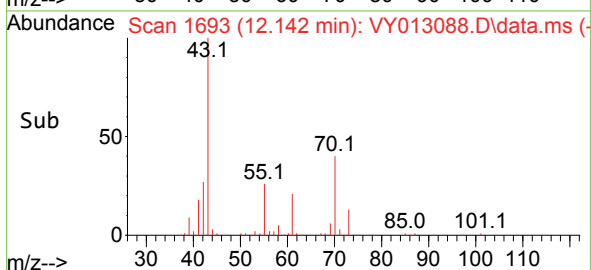
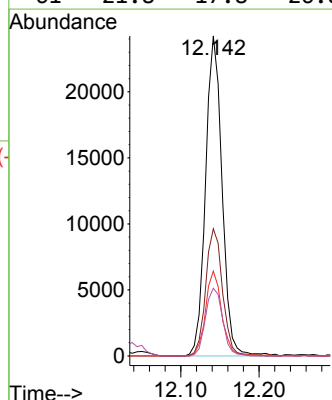
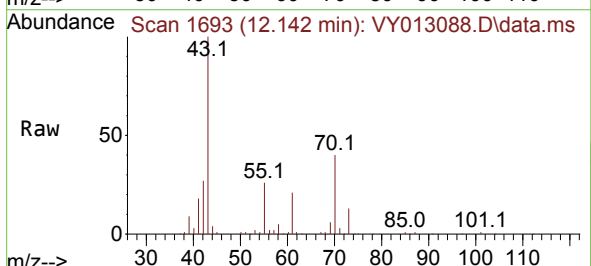
Ion Ratio Lower Upper

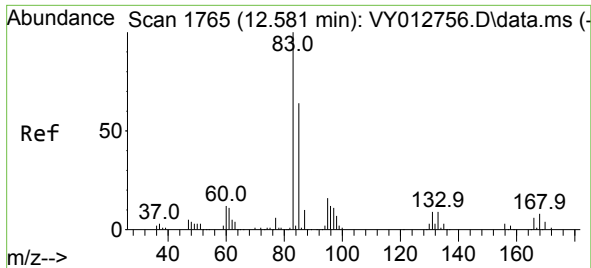
43 100

70 40.4 31.6 47.4

55 26.2 18.8 28.2

61 21.8 17.8 26.8

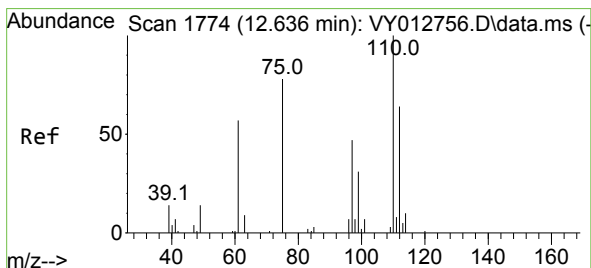
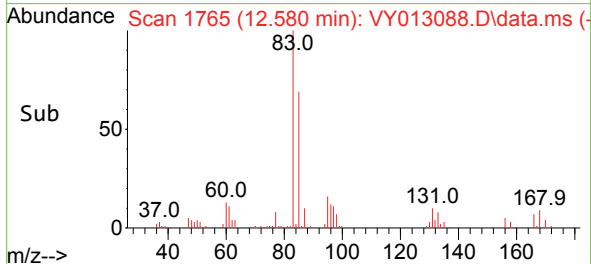
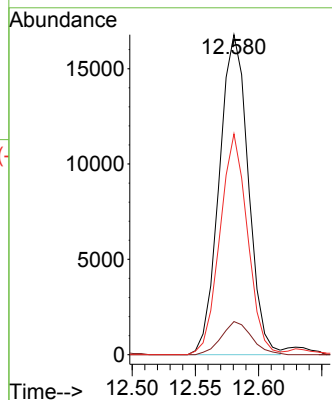
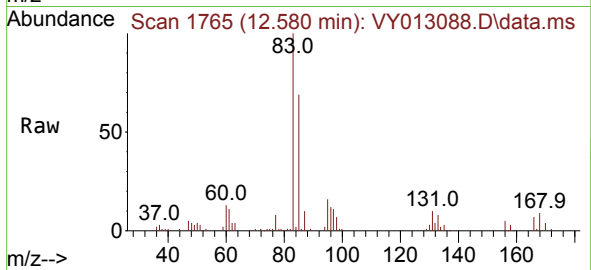




#75
1,1,2,2-Tetrachloroethane
Concen: 22.178 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

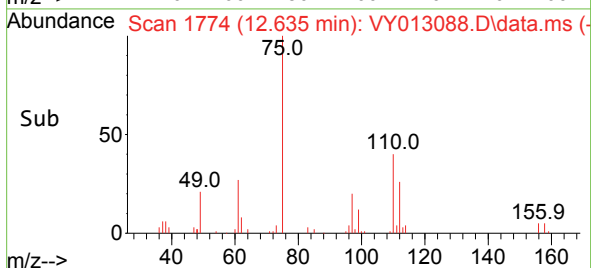
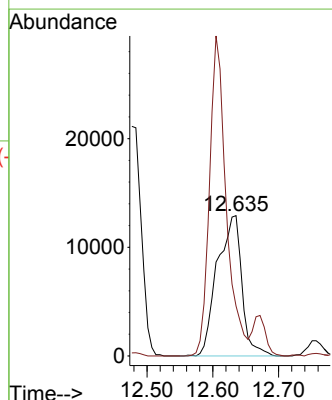
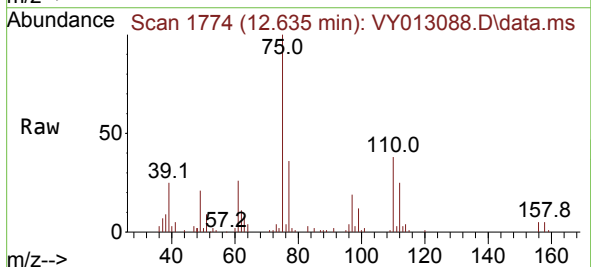
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

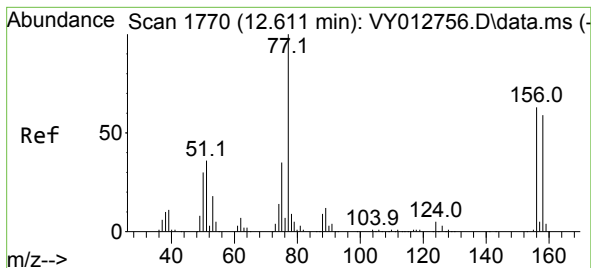
Tgt Ion: 83 Resp: 26797
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.2
85 65.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 37.192 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 75 Resp: 33683
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.018 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

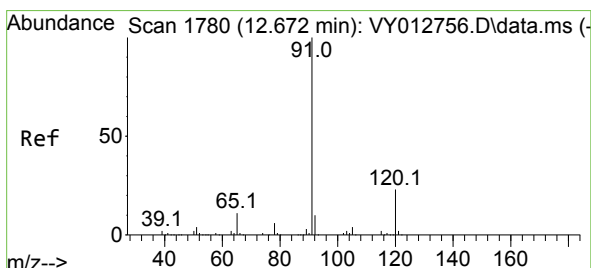
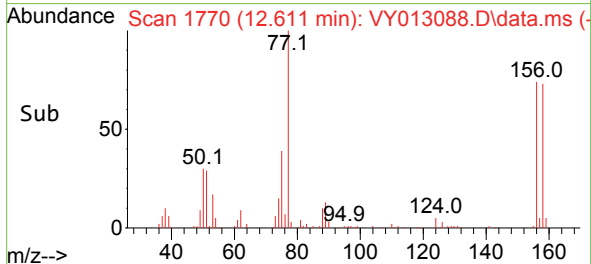
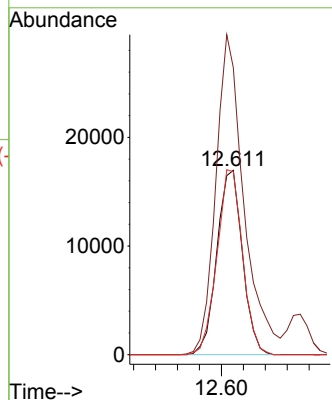
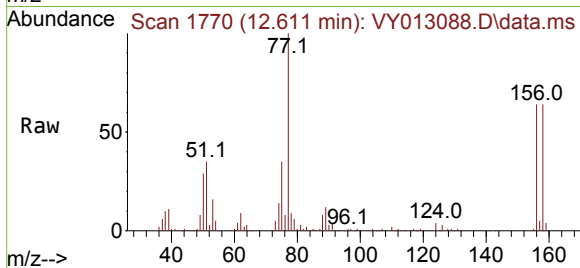
Tgt Ion:156 Resp: 27444

Ion Ratio Lower Upper

156 100

77 191.1 94.0 282.1

158 100.3 48.1 144.4



#78

n-propylbenzene

Concen: 20.847 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013088.D

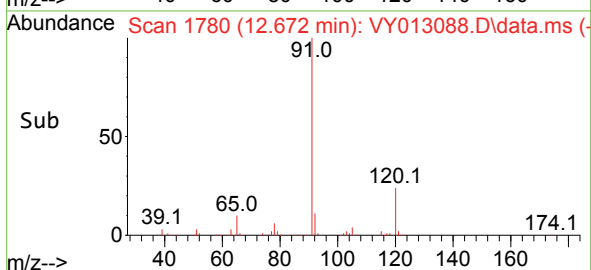
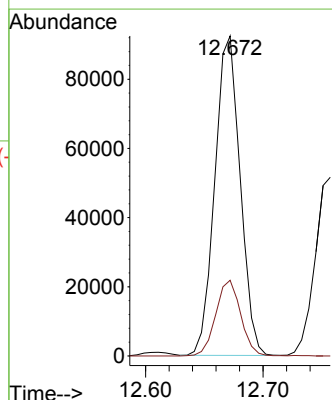
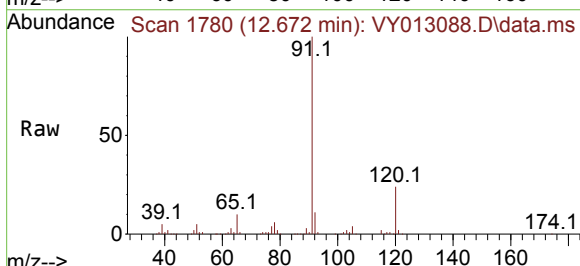
Acq: 27 Mar 2023 13:46

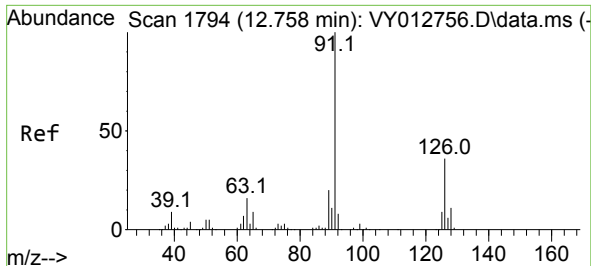
Tgt Ion: 91 Resp: 138146

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.329 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

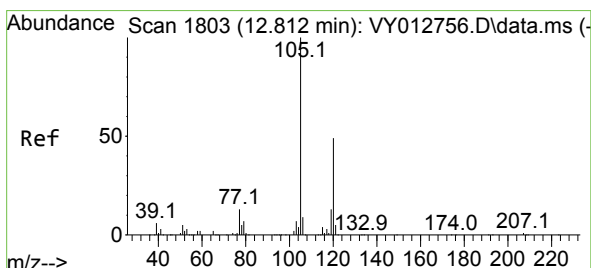
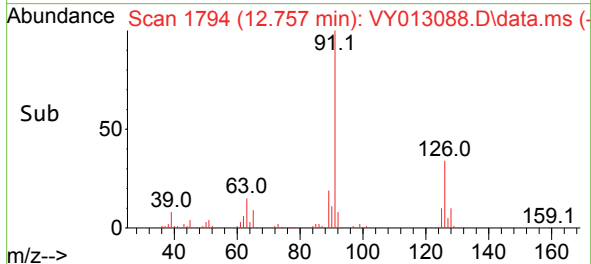
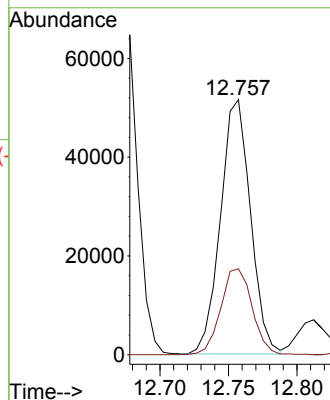
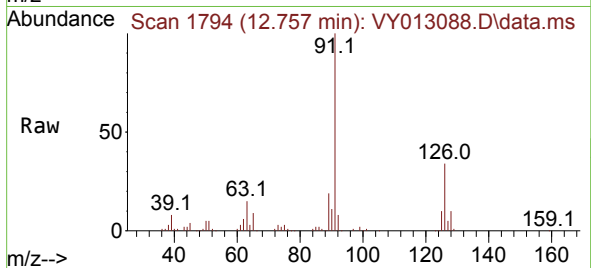
VY0327SBS01

Tgt Ion: 91 Resp: 78553

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.261 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013088.D

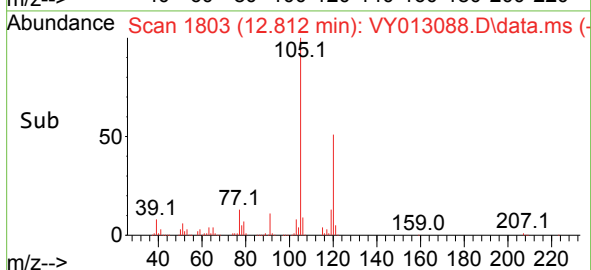
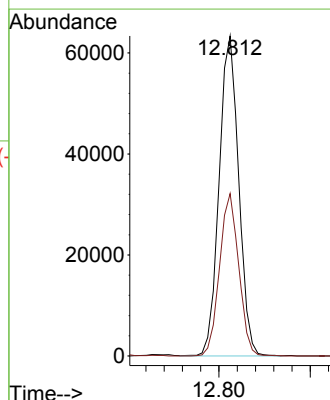
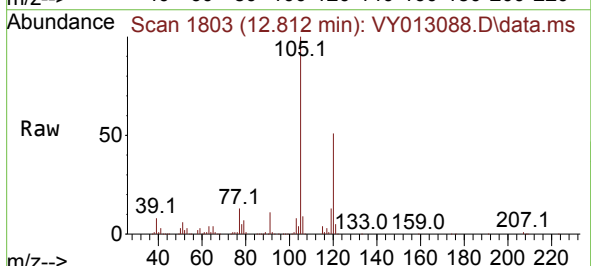
Acq: 27 Mar 2023 13:46

Tgt Ion:105 Resp: 94306

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4

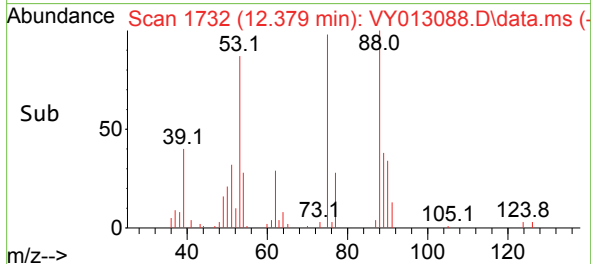
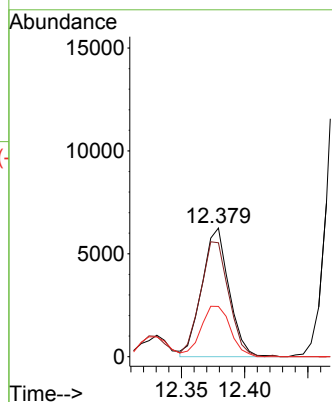
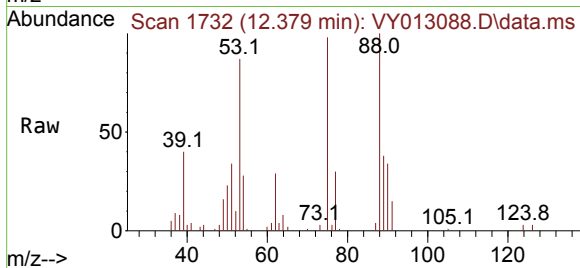




#81
trans-1,4-Dichloro-2-butene
Concen: 21.366 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

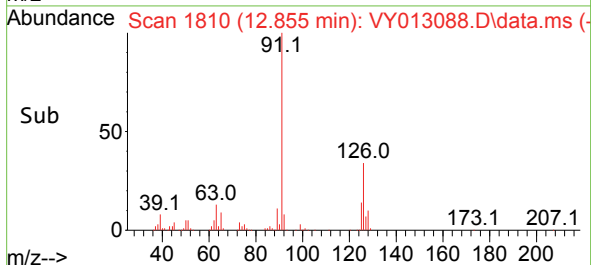
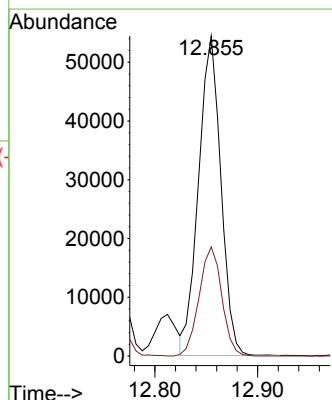
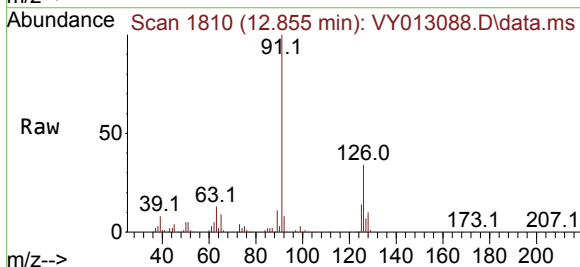
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

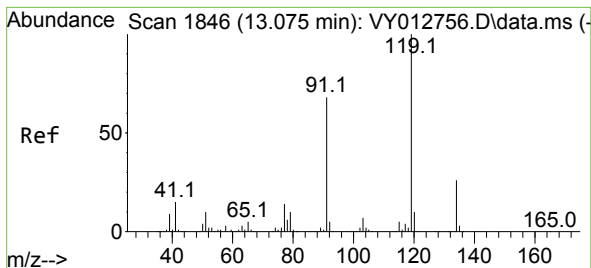
Tgt Ion: 75 Resp: 9339
Ion Ratio Lower Upper
75 100
53 92.9 73.4 110.0
89 42.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.537 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 91 Resp: 82108
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 21.465 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

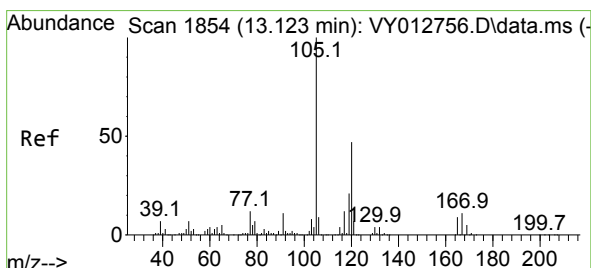
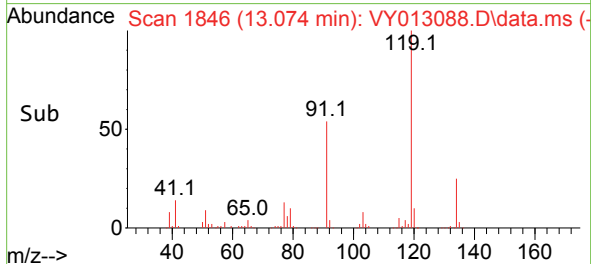
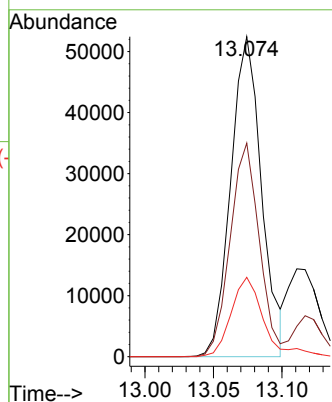
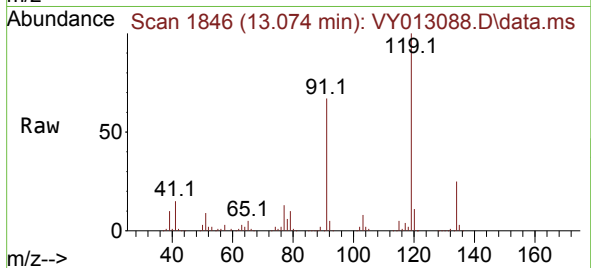
Tgt Ion:119 Resp: 82181

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.3

134 26.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.444 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013088.D

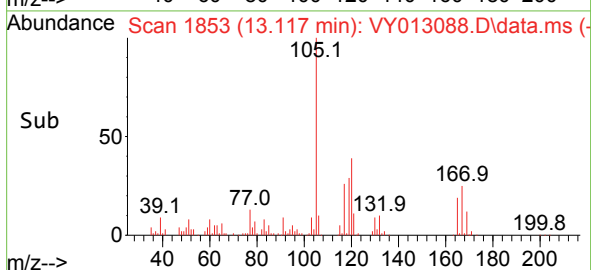
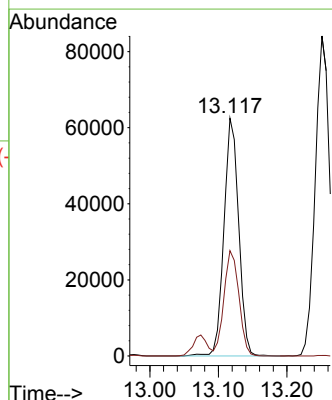
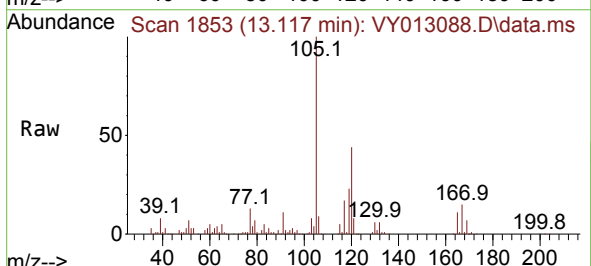
Acq: 27 Mar 2023 13:46

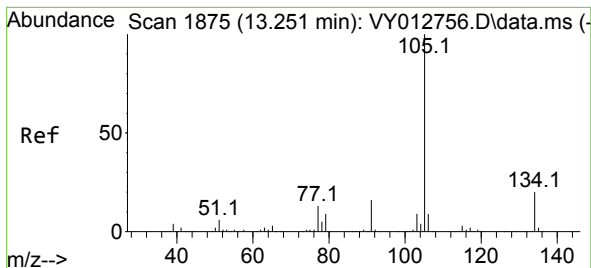
Tgt Ion:105 Resp: 93014

Ion Ratio Lower Upper

105 100

120 44.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.430 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

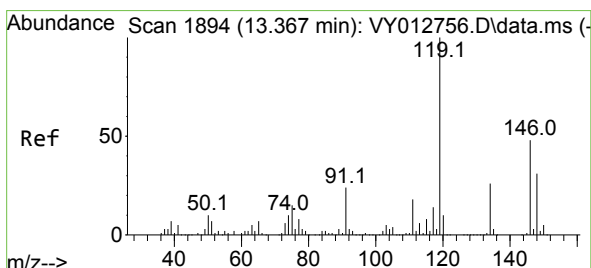
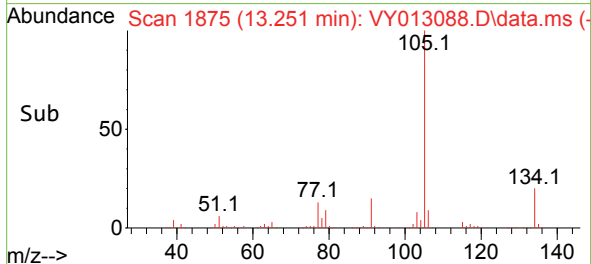
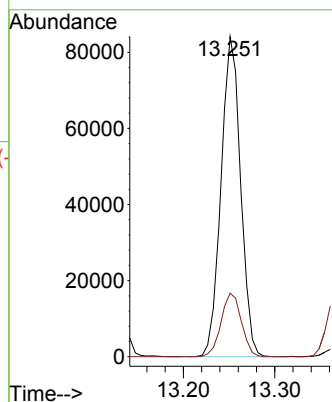
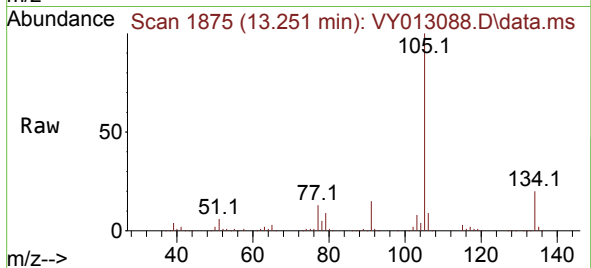
VY0327SBS01

Tgt Ion:105 Resp: 125169

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.597 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

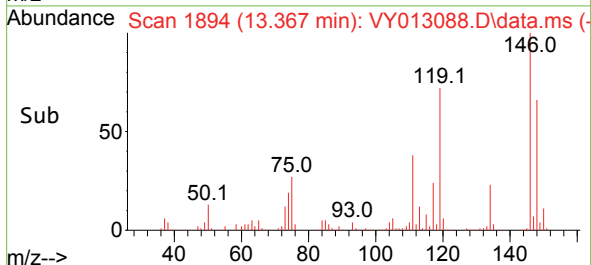
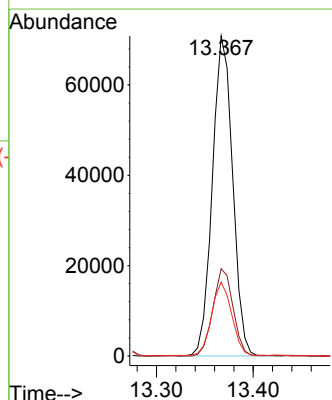
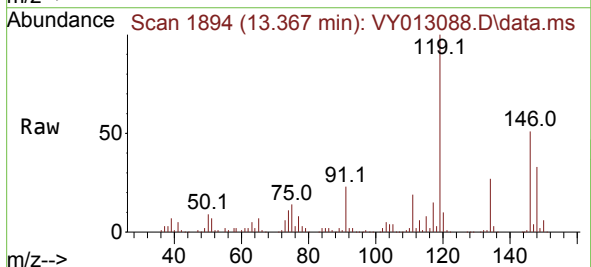
Tgt Ion:119 Resp: 103094

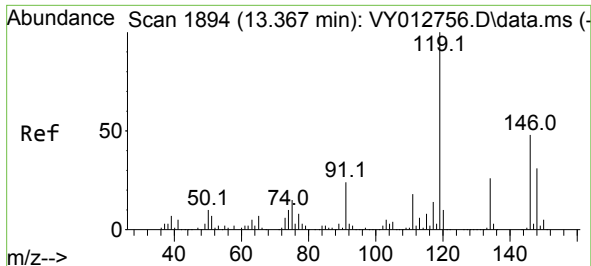
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.962 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

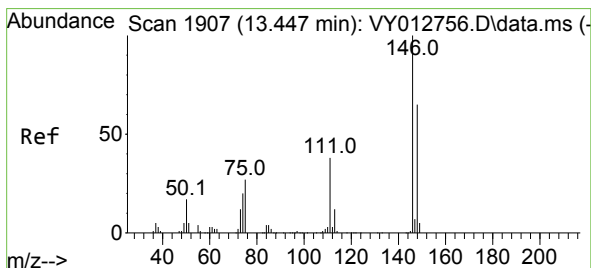
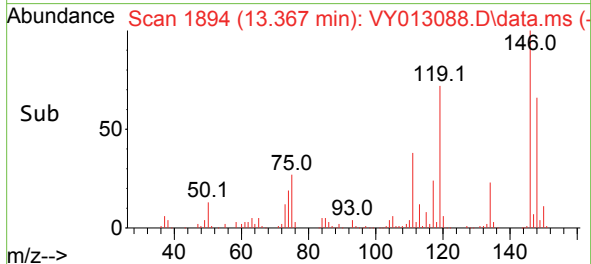
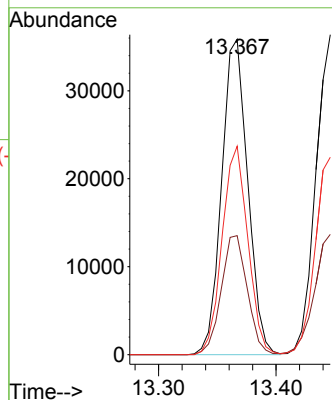
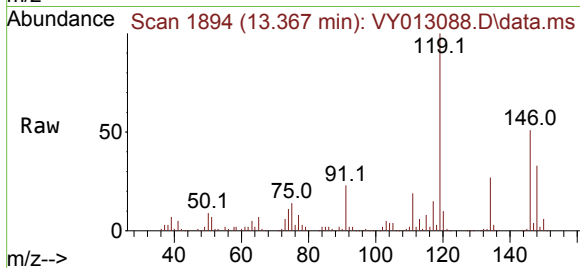
Tgt Ion:146 Resp: 55308

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 65.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.419 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

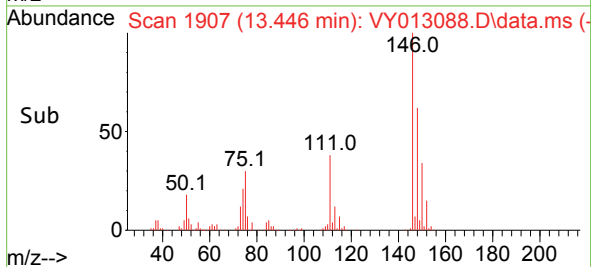
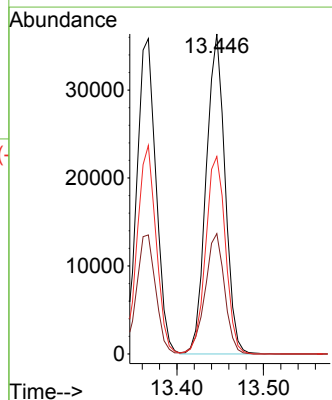
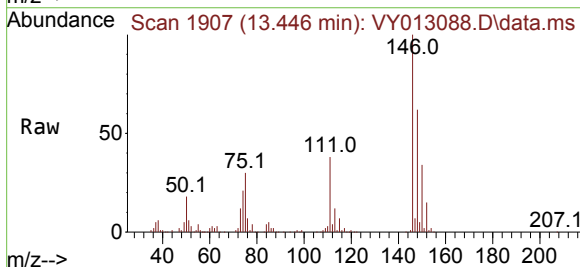
Tgt Ion:146 Resp: 55053

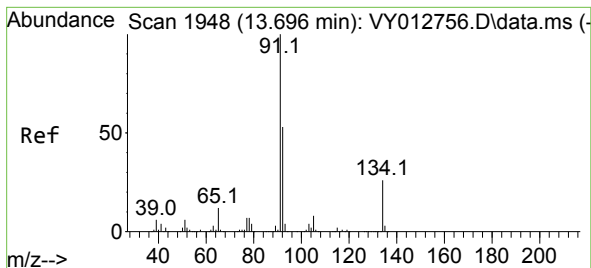
Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

148 64.6 31.5 94.5





#89

n-Butylbenzene

Concen: 20.893 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

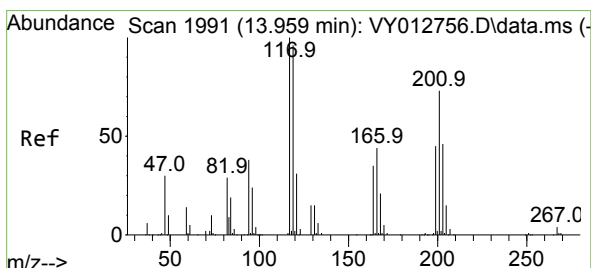
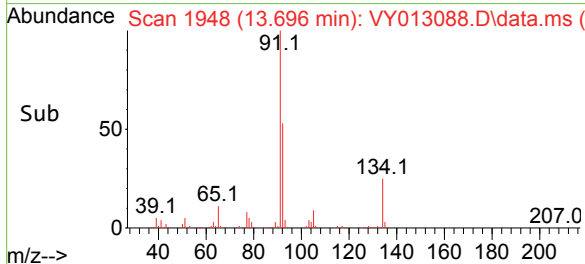
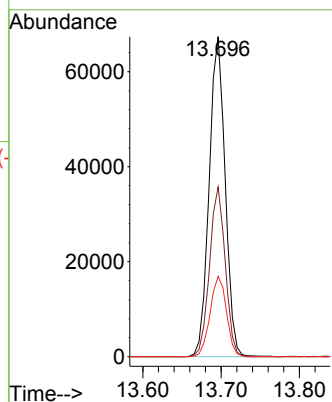
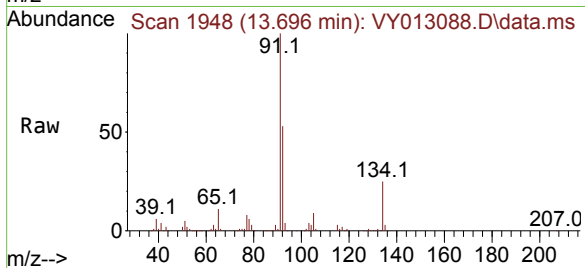
Tgt Ion: 91 Resp: 95476

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 21.473 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013088.D

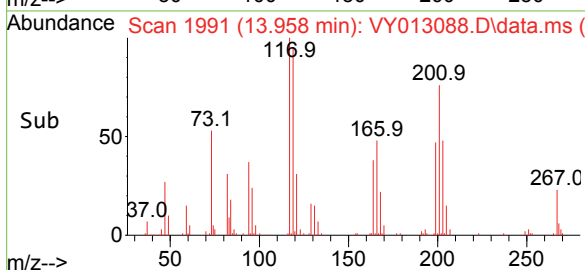
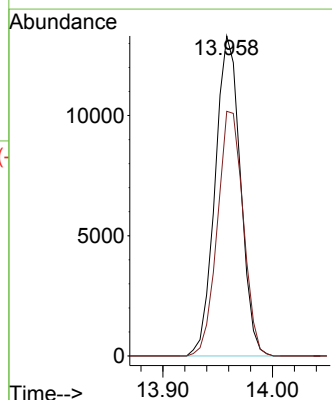
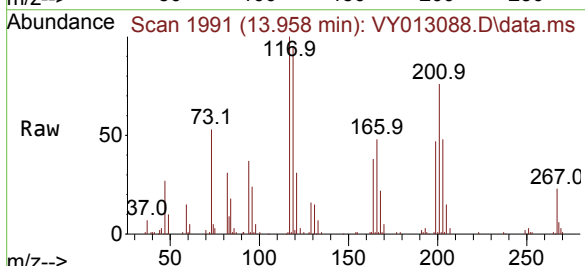
Acq: 27 Mar 2023 13:46

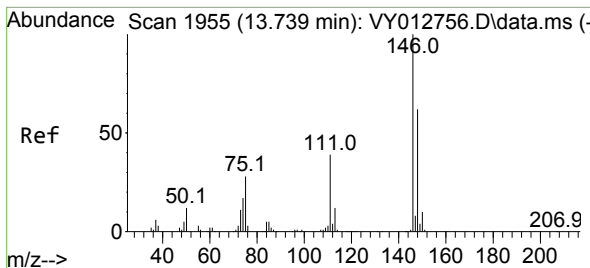
Tgt Ion: 117 Resp: 21349

Ion Ratio Lower Upper

117 100

201 78.0 39.4 118.1

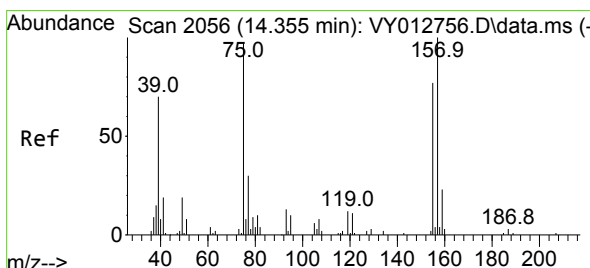
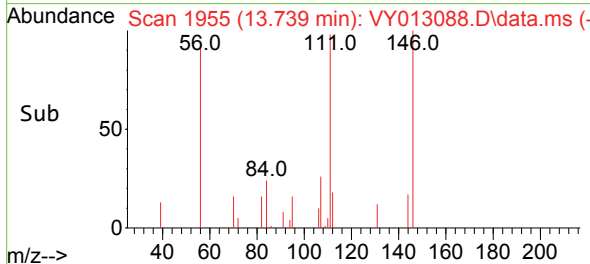
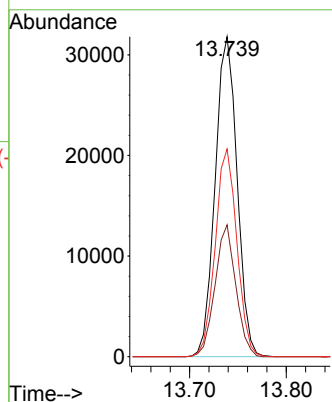
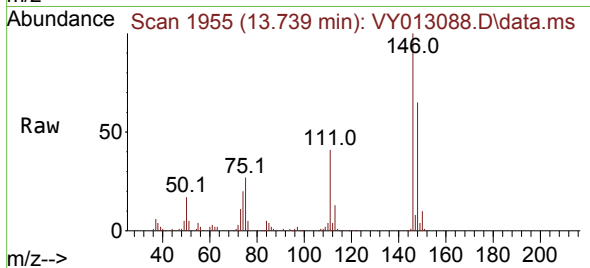




#91
1,2-Dichlorobenzene
Concen: 22.007 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

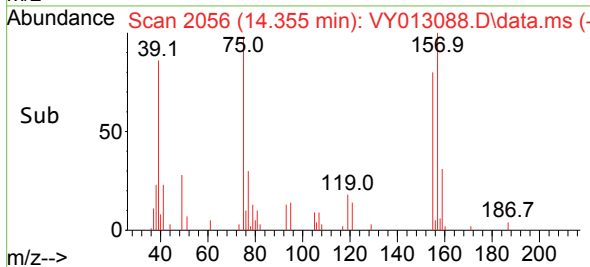
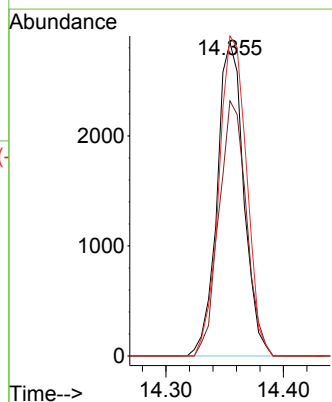
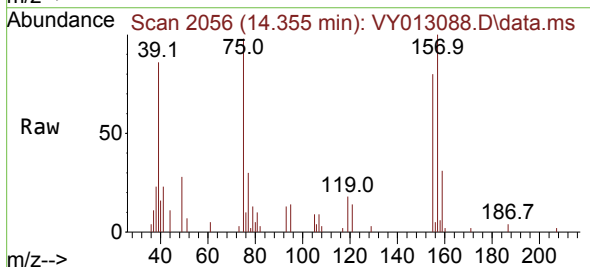
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

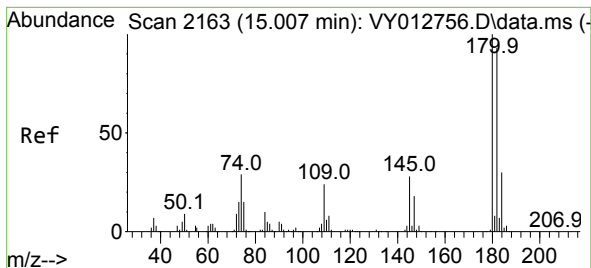
Tgt Ion:146 Resp: 50099
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 64.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.035 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion: 75 Resp: 4498
Ion Ratio Lower Upper
75 100
155 83.5 43.8 131.4
157 105.9 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.402 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

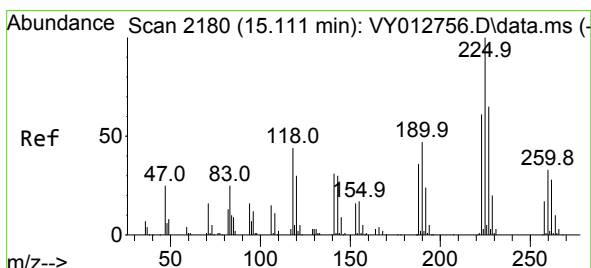
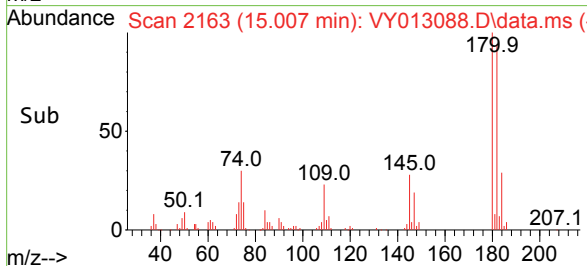
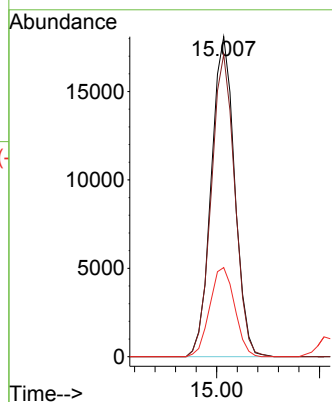
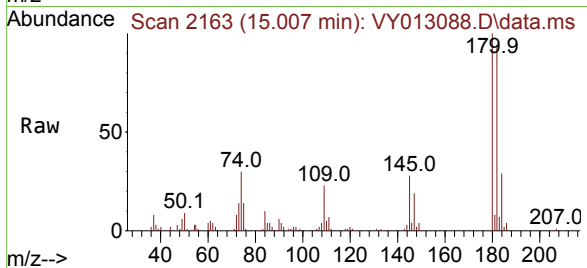
Tgt Ion:180 Resp: 28596

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.130 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013088.D

Acq: 27 Mar 2023 13:46

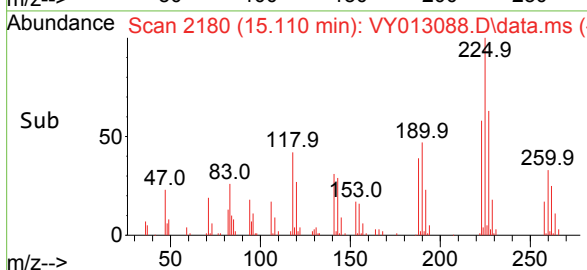
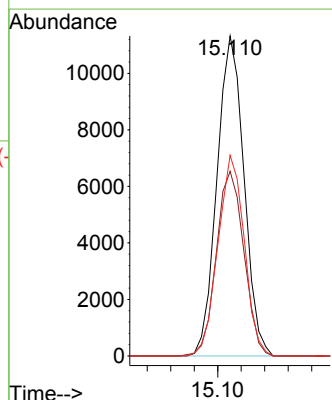
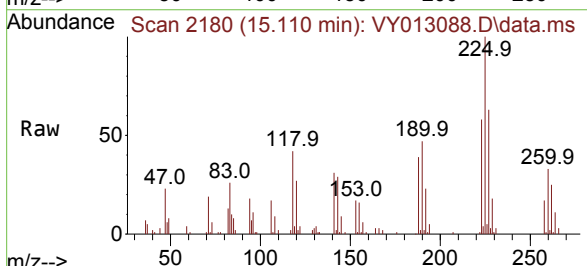
Tgt Ion:225 Resp: 18064

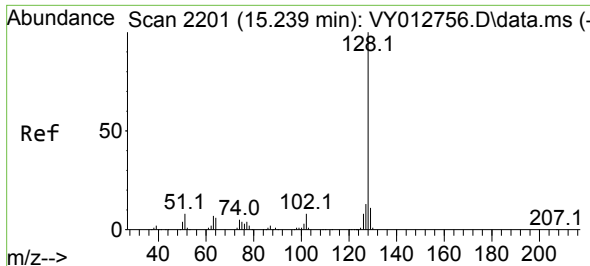
Ion Ratio Lower Upper

225 100

223 58.9 31.1 93.3

227 61.2 32.4 97.0

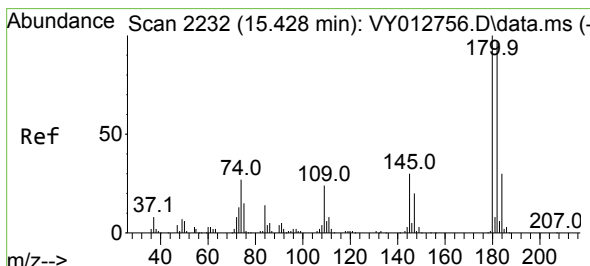
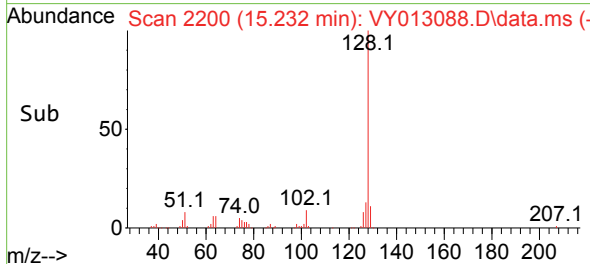
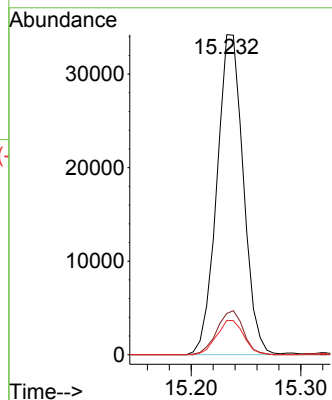
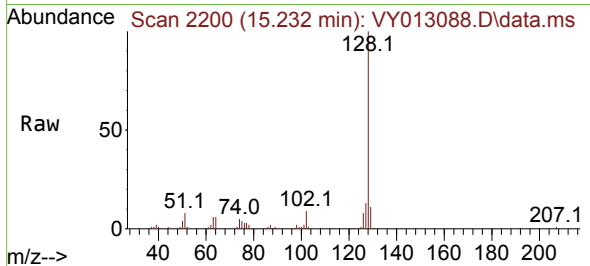




#95
Naphthalene
Concen: 20.461 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:128 Resp: 57472
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.963 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY013088.D
Acq: 27 Mar 2023 13:46

Tgt Ion:180 Resp: 26132
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 30.9 15.3 45.8

