

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013089.D
 Acq On : 27 Mar 2023 14:09
 Operator : KP/MD
 Sample : VY0327SBD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBD01

Quant Time: Mar 28 01:42:11 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	97805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52151	53.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.400%	
35) Dibromofluoromethane	7.716	113	52336	56.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.240%	
50) Toluene-d8	10.179	98	166292	49.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.483	95	65198	57.160	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	19096	19.809	ug/l	94
3) Chloromethane	2.113	50	22688	19.686	ug/l	100
4) Vinyl Chloride	2.253	62	22267	21.070	ug/l	100
5) Bromomethane	2.643	94	14315	22.292	ug/l	89
6) Chloroethane	2.790	64	13326	21.055	ug/l	98
7) Trichlorofluoromethane	3.119	101	36597	20.850	ug/l	97
8) Diethyl Ether	3.527	74	12831	20.860	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	22890	21.676	ug/l	98
10) Methyl Iodide	4.088	142	27590	20.051	ug/l	99
11) Tert butyl alcohol	4.948	59	12433	99.169	ug/l	97
12) 1,1-Dichloroethene	3.869	96	20976	20.827	ug/l	96
13) Acrolein	3.722	56	10795	63.451	ug/l	99
14) Allyl chloride	4.478	41	35705	19.192	ug/l	98
15) Acrylonitrile	5.161	53	34780	107.314	ug/l	100
16) Acetone	3.942	43	35438	92.975	ug/l	98
17) Carbon Disulfide	4.192	76	60112	17.534	ug/l	98
18) Methyl Acetate	4.472	43	23136	20.383	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	56755	21.816	ug/l	97
20) Methylene Chloride	4.710	84	28882	21.802	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	23144	21.146	ug/l	98
22) Diisopropyl ether	6.112	45	82900	24.533	ug/l	95
23) Vinyl Acetate	6.057	43	236416	112.602	ug/l	99
24) 1,1-Dichloroethane	6.009	63	45094	23.419	ug/l	97
25) 2-Butanone	6.978	43	52251	110.680	ug/l	98
26) 2,2-Dichloropropane	6.972	77	39016	22.814	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	26704	22.757	ug/l	99
28) Bromochloromethane	7.325	49	17195	24.436	ug/l	95
29) Tetrahydrofuran	7.344	42	32378	113.715	ug/l	96
30) Chloroform	7.508	83	45228	23.780	ug/l	99
31) Cyclohexane	7.783	56	37360	20.088	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	39514	22.973	ug/l	98
36) 1,1-Dichloropropene	7.917	75	33790	21.813	ug/l	98
37) Ethyl Acetate	7.069	43	22509	23.054	ug/l #	95
38) Carbon Tetrachloride	7.898	117	35690	22.311	ug/l	100
39) Methylcyclohexane	9.185	83	36538	19.840	ug/l	98
40) Benzene	8.155	78	97509	22.253	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013089.D
 Acq On : 27 Mar 2023 14:09
 Operator : KP/MD
 Sample : VY0327SBD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBD01

Quant Time: Mar 28 01:42:11 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	30666	58.296	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	30628	23.249	ug/l	98
43) Isopropyl Acetate	8.270	43	38120	21.884	ug/l	98
44) Trichloroethene	8.935	130	25113	21.737	ug/l	100
45) 1,2-Dichloropropane	9.215	63	26330	23.776	ug/l	100
46) Dibromomethane	9.301	93	14420	22.856	ug/l	98
47) Bromodichloromethane	9.496	83	34881	23.461	ug/l	98
48) Methyl methacrylate	9.288	41	17137	21.351	ug/l	94
49) 1,4-Dioxane	9.295	88	3623	444.213	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	106753	112.979	ug/l	100
52) Toluene	10.246	92	60837	23.021	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	34936	22.403	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	39772	22.533	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	20854	23.735	ug/l	97
56) Ethyl methacrylate	10.508	69	25078	21.406	ug/l	100
57) 1,3-Dichloropropane	10.788	76	34288	22.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	67393	109.579	ug/l	99
59) 2-Hexanone	10.831	43	75550	110.014	ug/l	99
60) Dibromochloromethane	10.983	129	25136	23.502	ug/l	97
61) 1,2-Dibromoethane	11.087	107	19161	22.639	ug/l	100
64) Tetrachloroethene	10.715	164	22714	22.103	ug/l	97
65) Chlorobenzene	11.514	112	65835	22.225	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	24877	22.695	ug/l	99
67) Ethyl Benzene	11.593	91	113121	21.720	ug/l	100
68) m/p-Xylenes	11.703	106	88152	43.998	ug/l	99
69) o-Xylene	12.026	106	40218	21.508	ug/l	99
70) Styrene	12.044	104	69846	22.383	ug/l	99
71) Bromoform	12.203	173	16253	22.742	ug/l #	97
73) Isopropylbenzene	12.331	105	109515	21.011	ug/l	100
74) N-amyl acetate	12.142	43	32841	20.025	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25549	21.805	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32151	36.607	ug/l #	100
77) Bromobenzene	12.605	156	26519	20.943	ug/l	98
78) n-propylbenzene	12.672	91	137178	21.347	ug/l	99
79) 2-Chlorotoluene	12.757	91	76099	21.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	91051	21.167	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8421	19.867	ug/l	99
82) 4-Chlorotoluene	12.855	91	80230	21.700	ug/l	98
83) tert-Butylbenzene	13.074	119	78735	21.207	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	88701	21.088	ug/l	99
85) sec-Butylbenzene	13.251	105	119615	21.118	ug/l	99
86) p-Isopropyltoluene	13.367	119	97645	21.093	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	53513	21.912	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	52531	21.076	ug/l	98
89) n-Butylbenzene	13.696	91	88391	19.946	ug/l	99
90) Hexachloroethane	13.958	117	20184	20.934	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	45329	20.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3927	20.738	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	27243	20.043	ug/l	100
94) Hexachlorobutadiene	15.111	225	17326	20.899	ug/l	98
95) Naphthalene	15.233	128	50067	18.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23619	19.538	ug/l	98

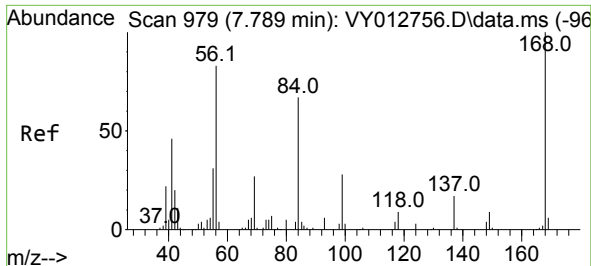
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
Data File : VY013089.D
Acq On : 27 Mar 2023 14:09
Operator : KP/MD
Sample : VY0327SBD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBD01

Quant Time: Mar 28 01:42:11 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)
----------	------	------	----------	------	-------	----------

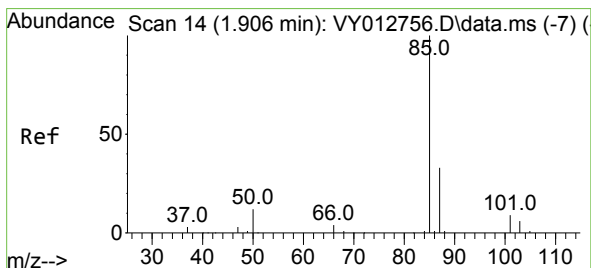
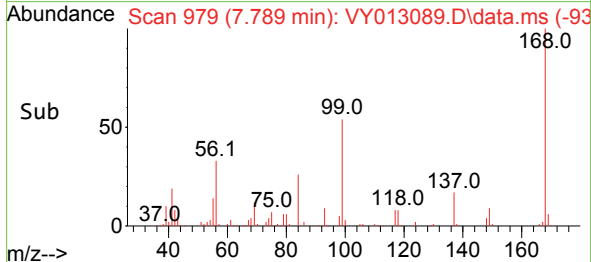
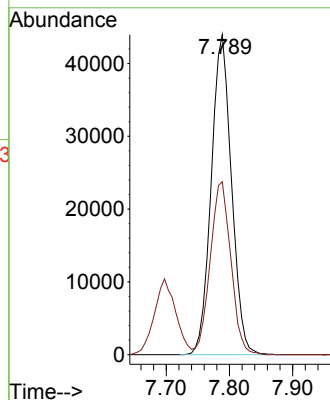
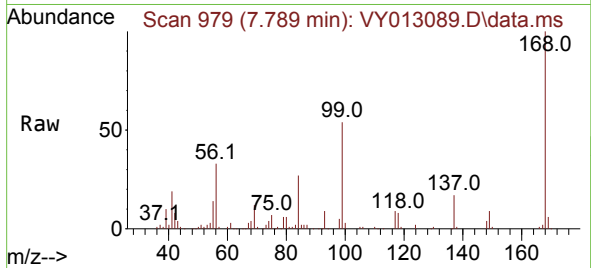
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

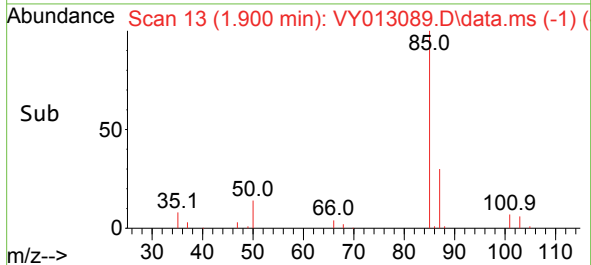
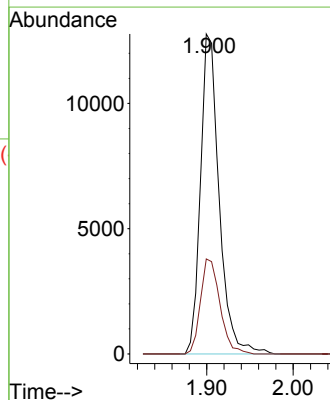
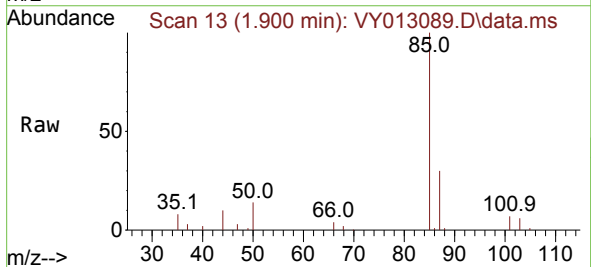
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

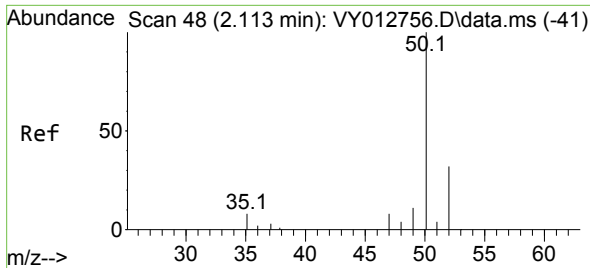
Tgt Ion:168 Resp: 97805
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.809 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 85 Resp: 19096
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.0

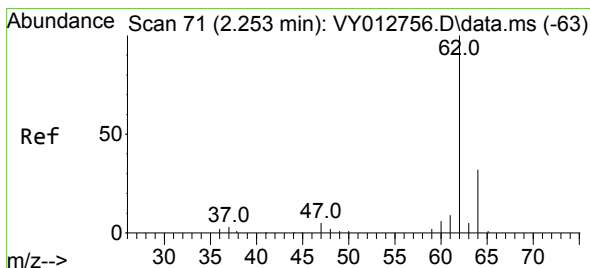
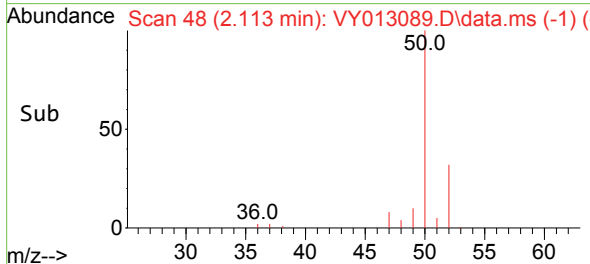
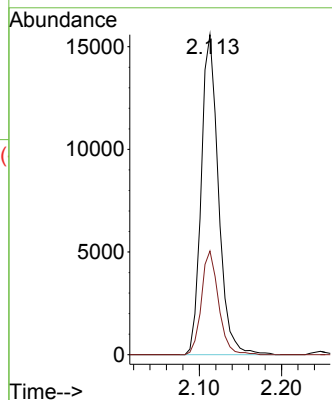
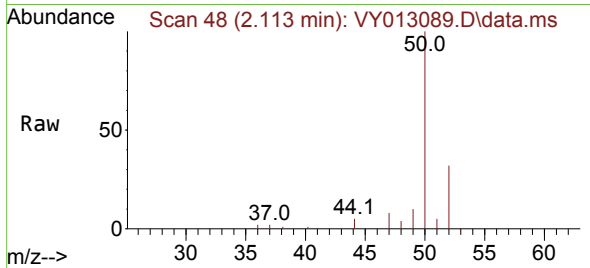




#3
Chloromethane
Concen: 19.686 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

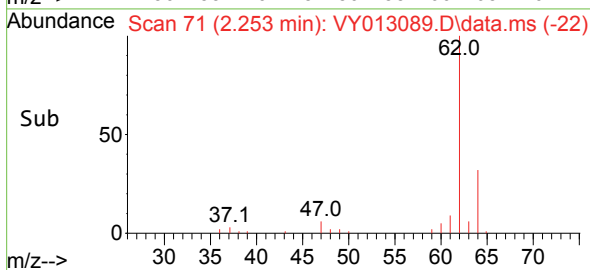
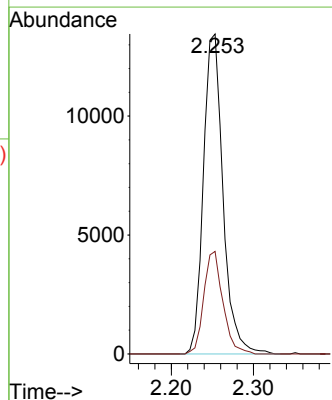
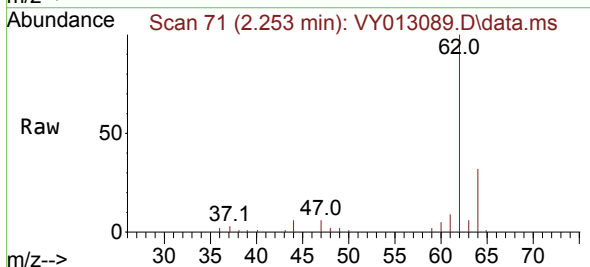
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

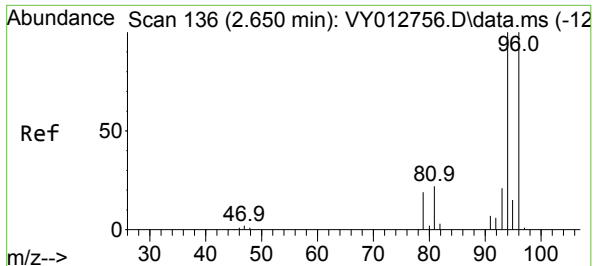
Tgt Ion: 50 Resp: 22688
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 21.070 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 62 Resp: 22267
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4





#5

Bromomethane

Concen: 22.292 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

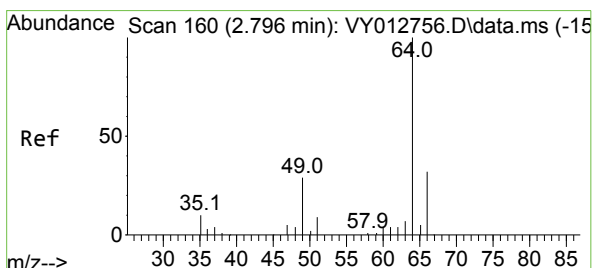
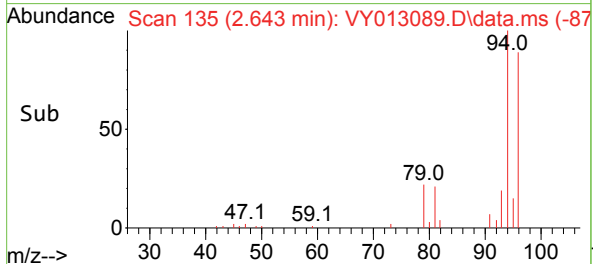
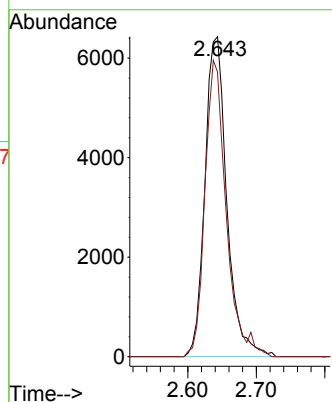
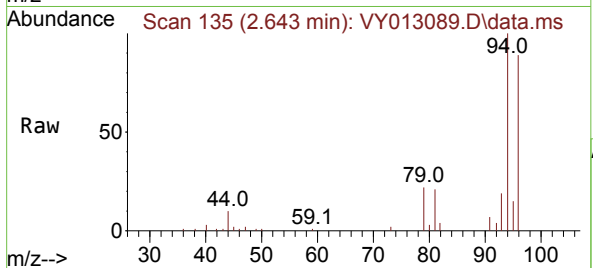
VY0327SBS01

Tgt Ion: 94 Resp: 14315

Ion Ratio Lower Upper

94 100

96 89.0 80.3 120.5



#6

Chloroethane

Concen: 21.055 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013089.D

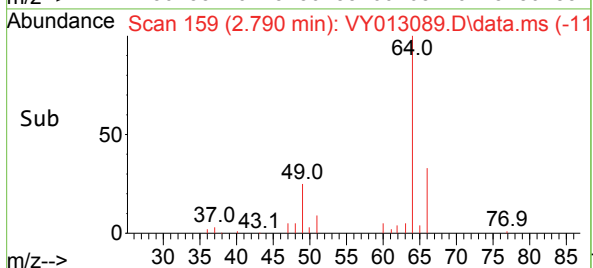
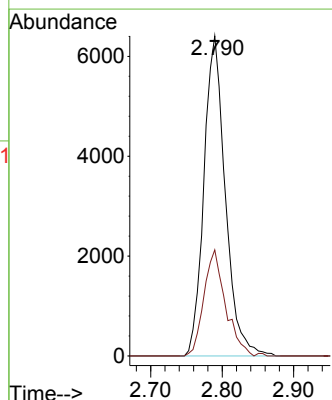
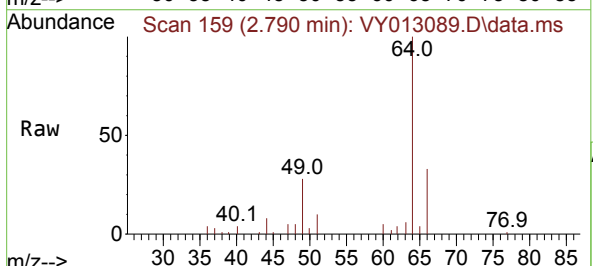
Acq: 27 Mar 2023 14:09

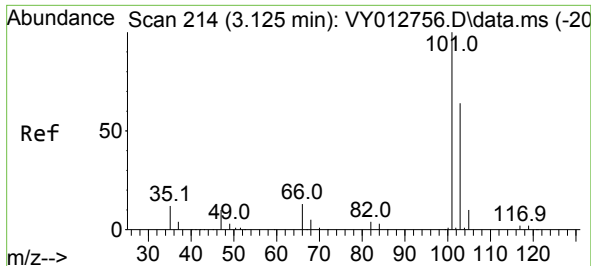
Tgt Ion: 64 Resp: 13326

Ion Ratio Lower Upper

64 100

66 33.2 25.7 38.5

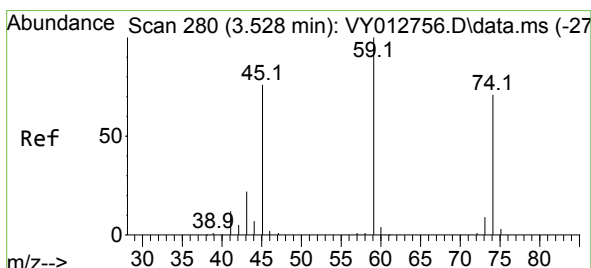
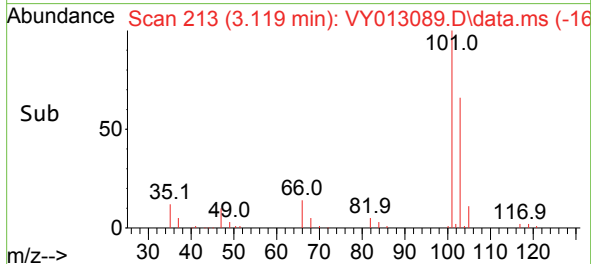
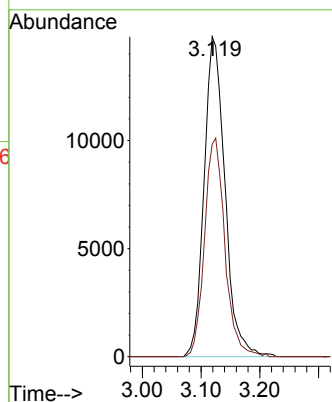
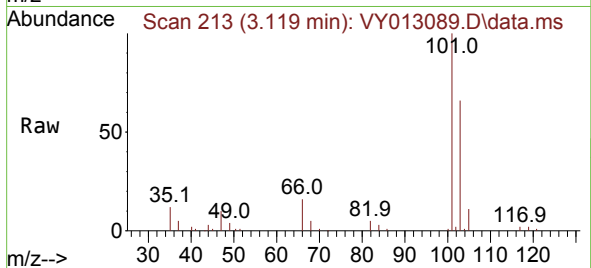




#7
 Trichlorofluoromethane
 Concen: 20.850 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013089.D
 Acq: 27 Mar 2023 14:09

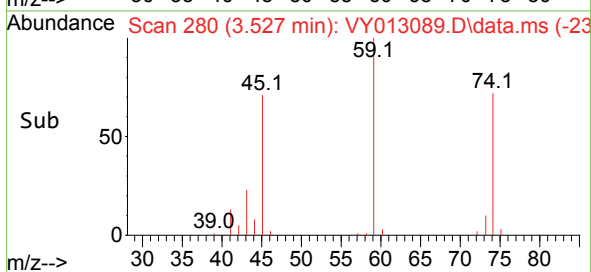
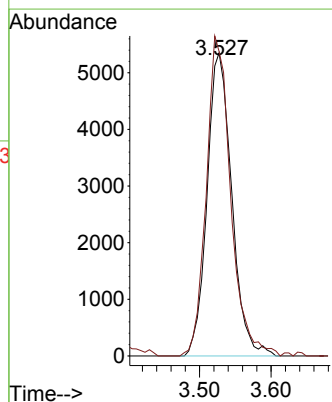
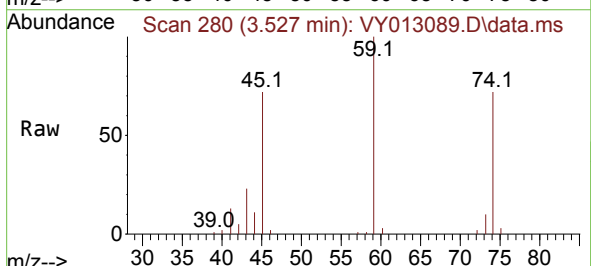
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

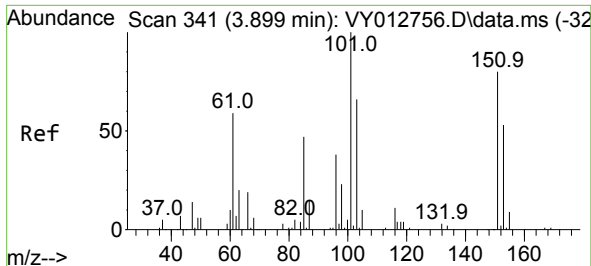
Tgt Ion:101 Resp: 36597
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.860 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY013089.D
 Acq: 27 Mar 2023 14:09

Tgt Ion: 74 Resp: 12831
 Ion Ratio Lower Upper
 74 100
 45 104.5 52.1 156.4

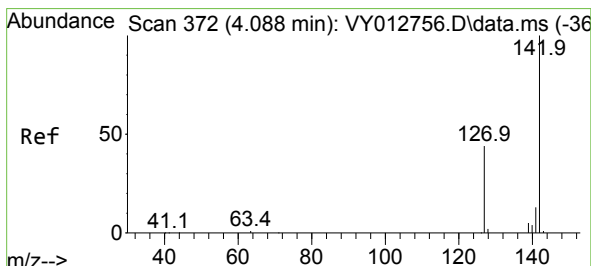
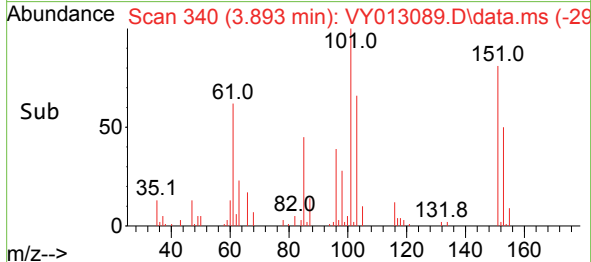
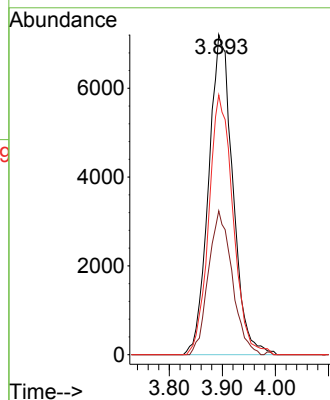
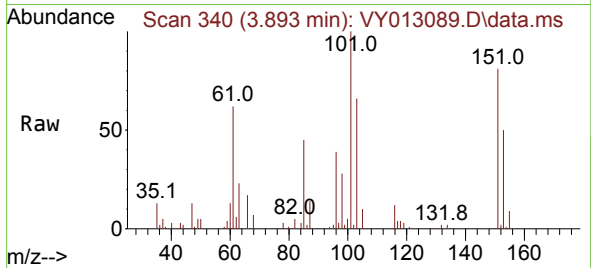




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.676 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

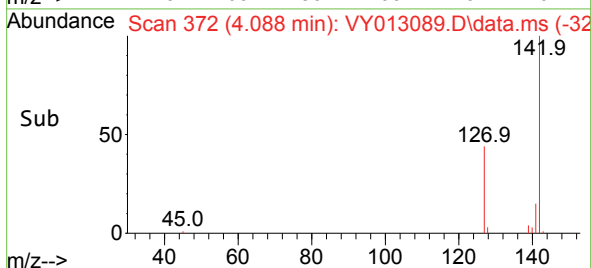
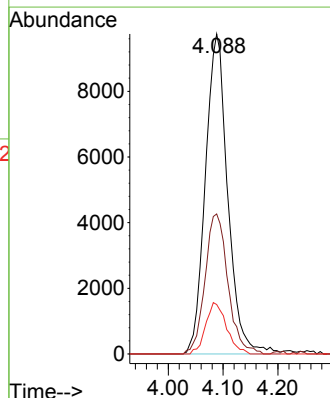
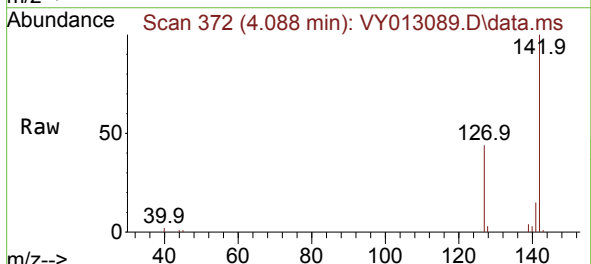
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

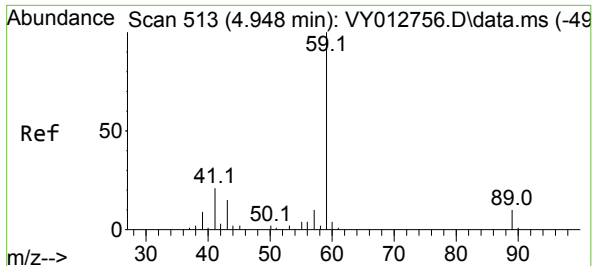
Tgt Ion:101 Resp: 22890
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 81.2 63.1 94.7



#10
Methyl Iodide
Concen: 20.051 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:142 Resp: 27590
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.2
141 15.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 99.169 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

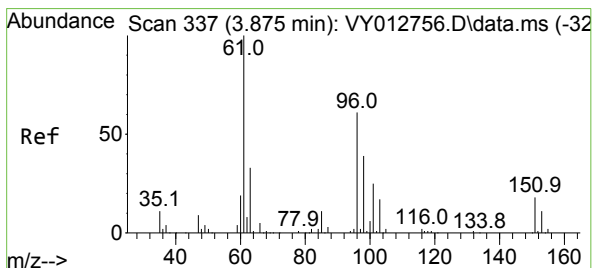
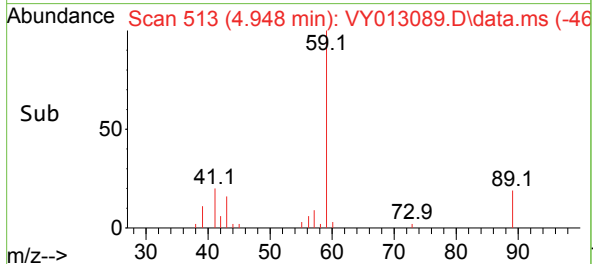
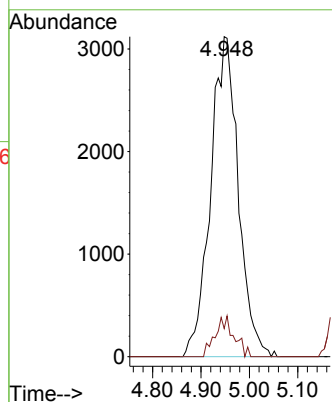
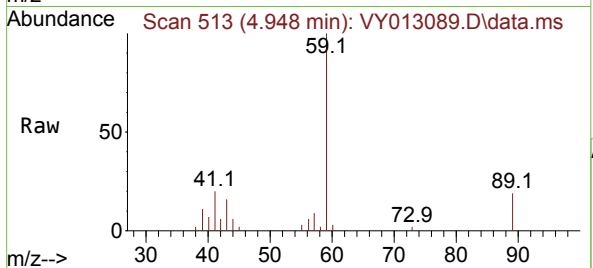
VY0327SBS01

Tgt Ion: 59 Resp: 12433

Ion Ratio Lower Upper

59 100

57 8.5 7.7 11.5



#12

1,1-Dichloroethene

Concen: 20.827 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

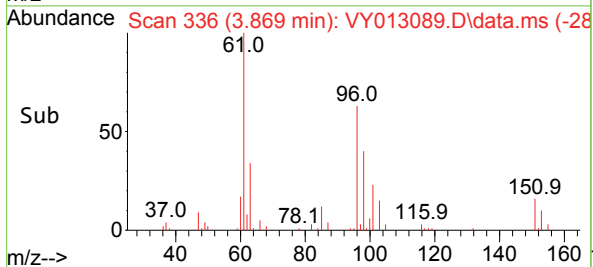
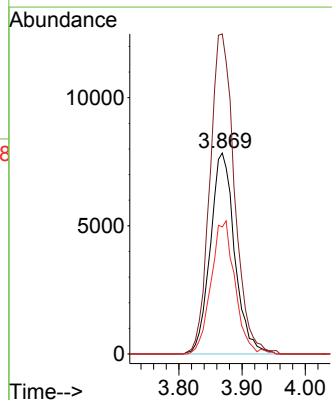
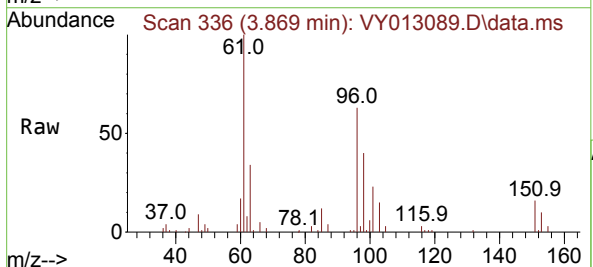
Tgt Ion: 96 Resp: 20976

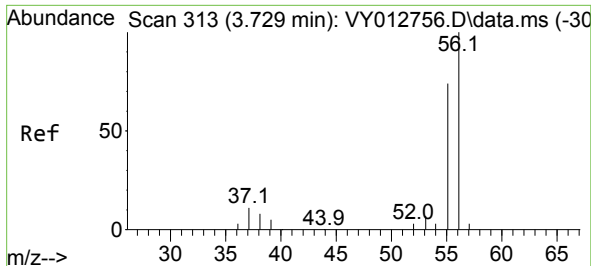
Ion Ratio Lower Upper

96 100

61 159.2 131.7 197.5

98 63.2 52.0 78.0





#13

Acrolein

Concen: 63.451 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.007 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

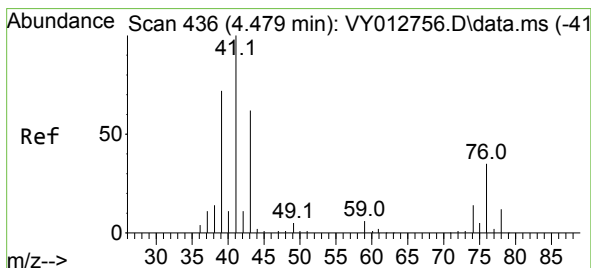
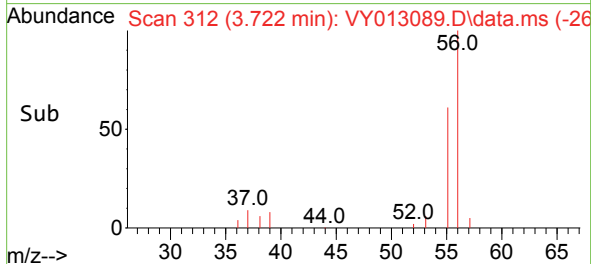
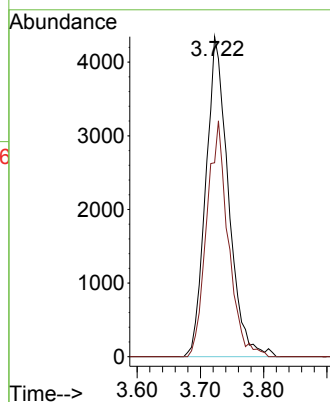
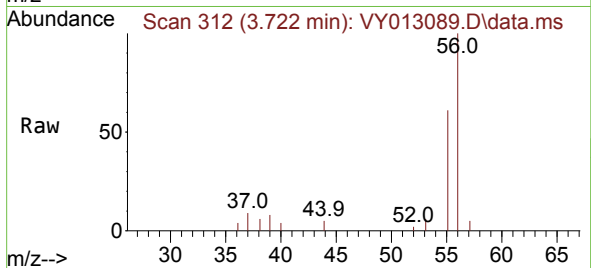
VY0327SBS01

Tgt Ion: 56 Resp: 10795

Ion Ratio Lower Upper

56 100

55 70.2 56.8 85.2



#14

Allyl chloride

Concen: 19.192 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

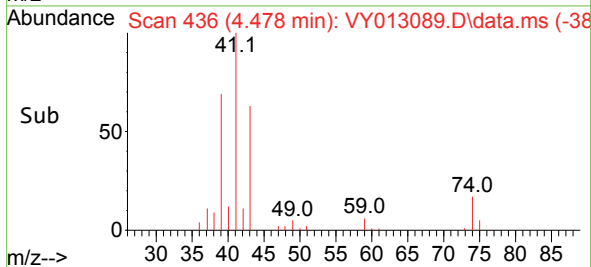
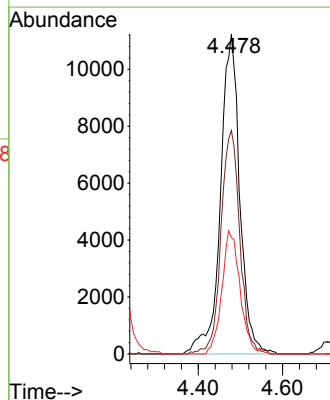
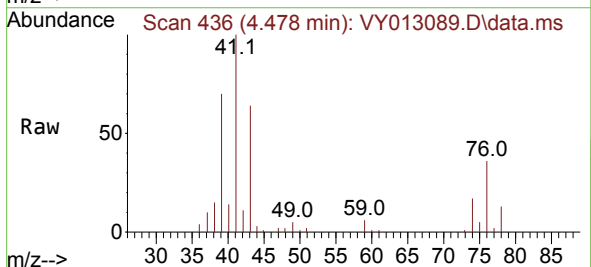
Tgt Ion: 41 Resp: 35705

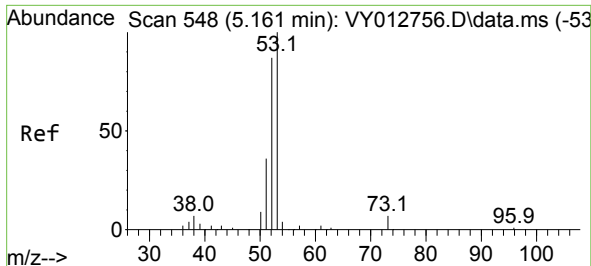
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 36.2 27.2 40.8

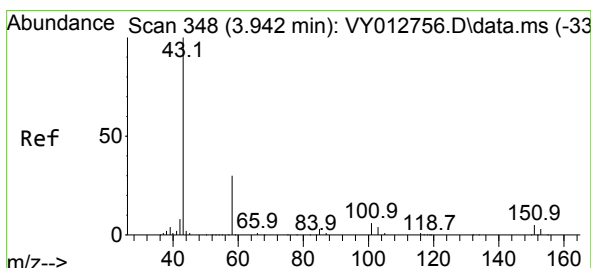
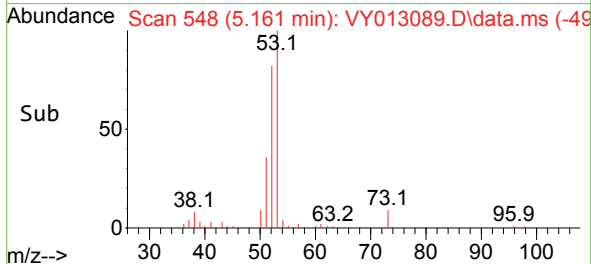
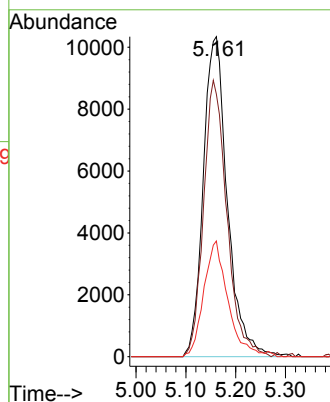
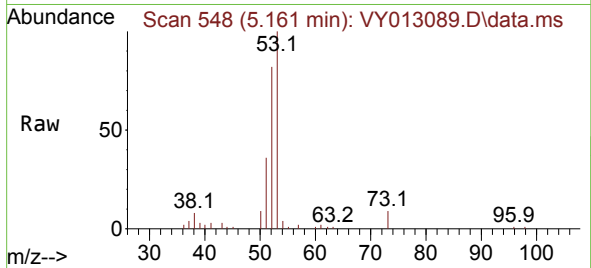




#15
Acrylonitrile
Concen: 107.314 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

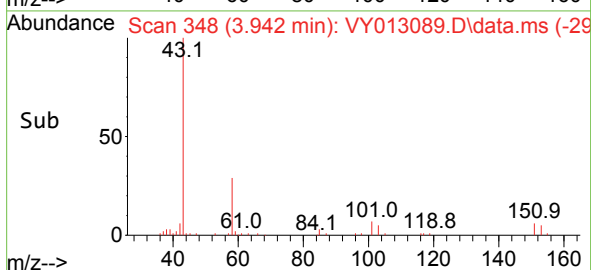
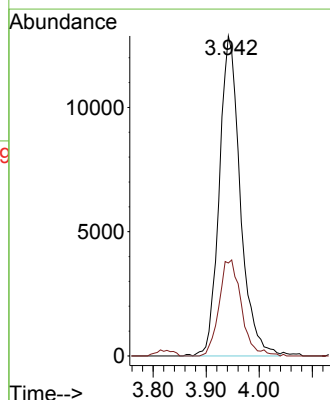
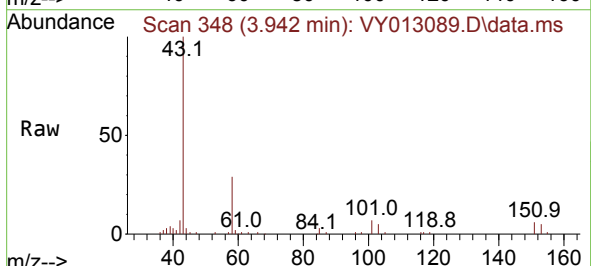
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

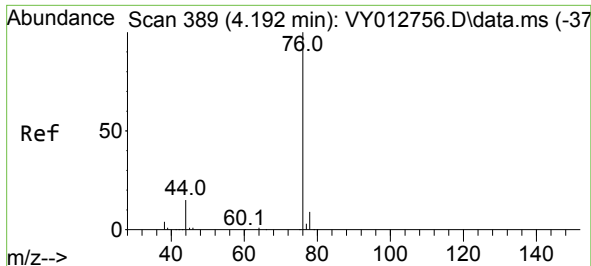
Tgt Ion: 53	Resp:	34780
Ion	Ratio	Lower Upper
53	100	
52	83.4	66.3 99.5
51	36.1	28.8 43.2



#16
Acetone
Concen: 92.975 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 43	Resp:	35438
Ion	Ratio	Lower Upper
43	100	
58	29.1	24.2 36.2

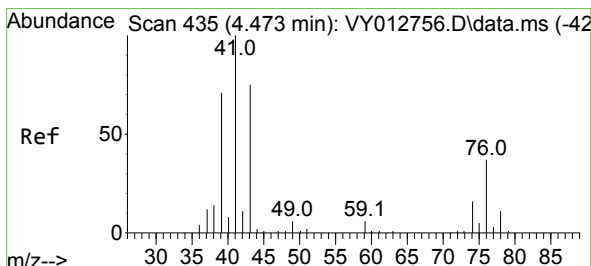
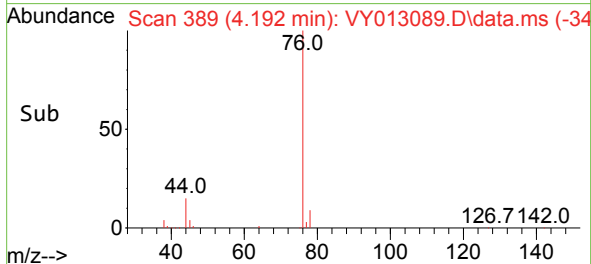
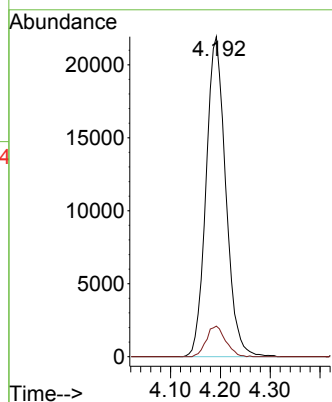
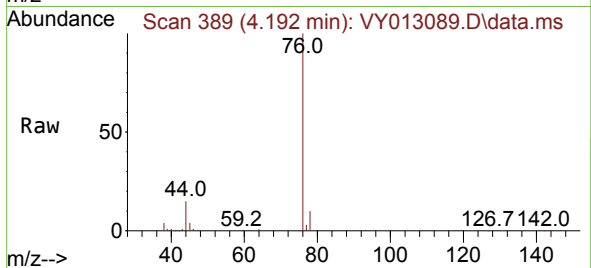




#17
Carbon Disulfide
Concen: 17.534 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

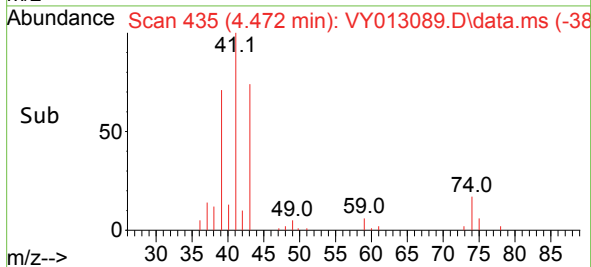
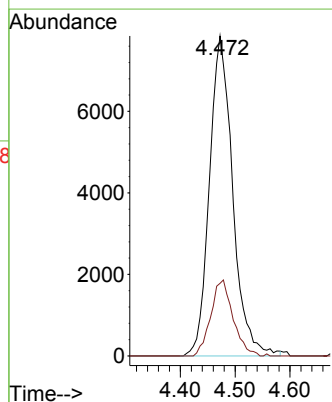
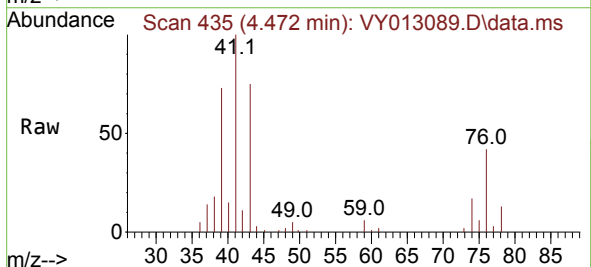
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

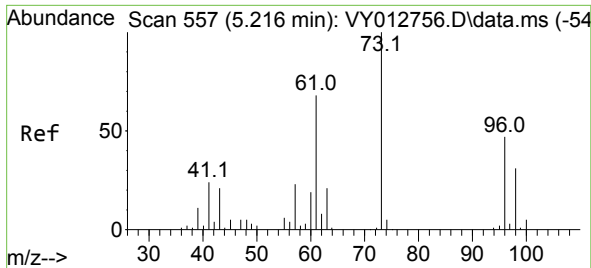
Tgt Ion: 76 Resp: 60112
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 20.383 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 43 Resp: 23136
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

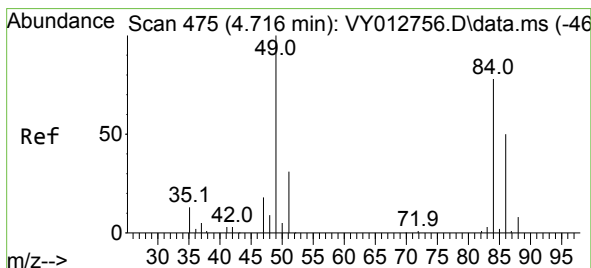
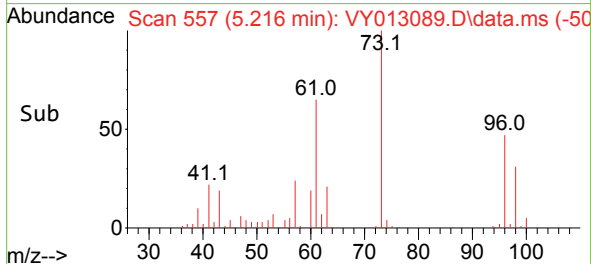
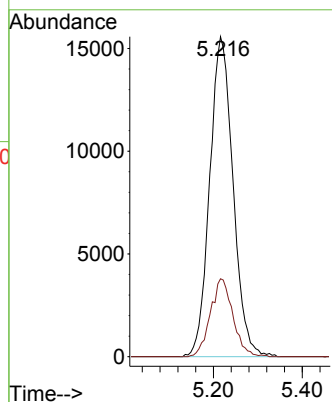
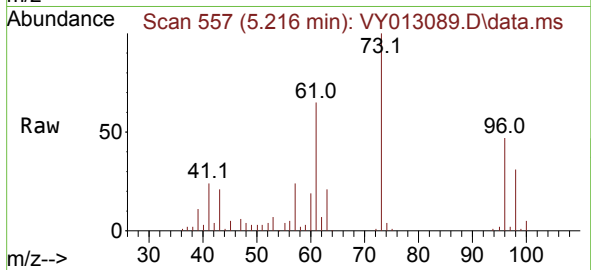




#19
Methyl tert-butyl Ether
Concen: 21.816 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

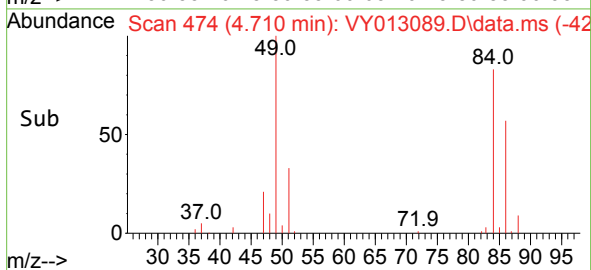
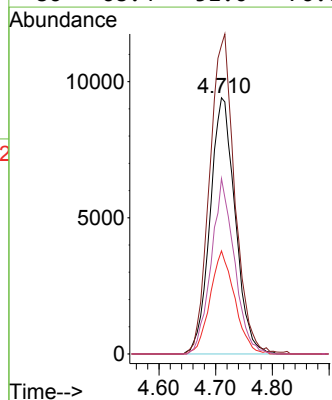
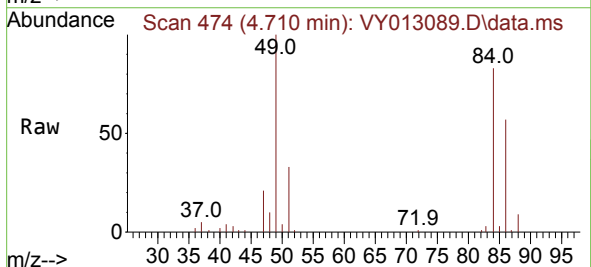
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

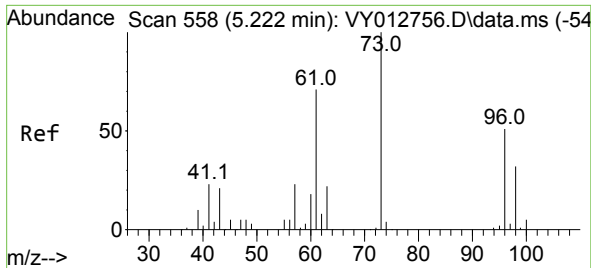
Tgt Ion: 73 Resp: 56755
Ion Ratio Lower Upper
73 100
57 24.4 18.3 27.5



#20
Methylene Chloride
Concen: 21.802 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 84 Resp: 28882
Ion Ratio Lower Upper
84 100
49 120.5 102.6 154.0
51 40.2 31.9 47.9
86 68.4 51.0 76.6

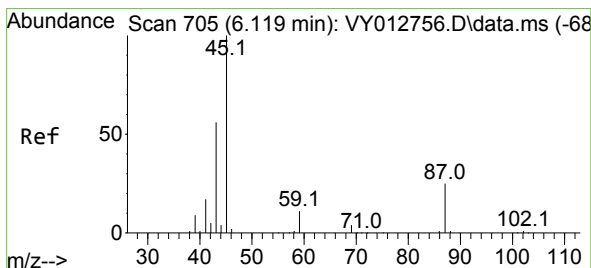
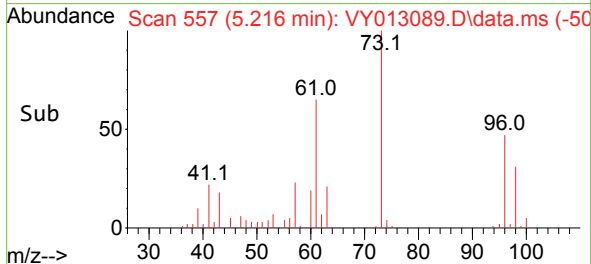
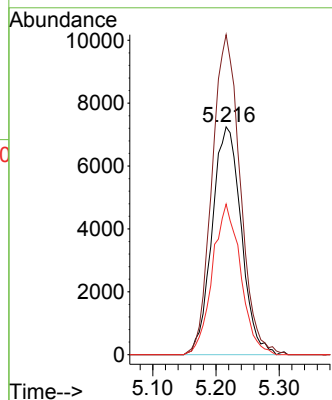
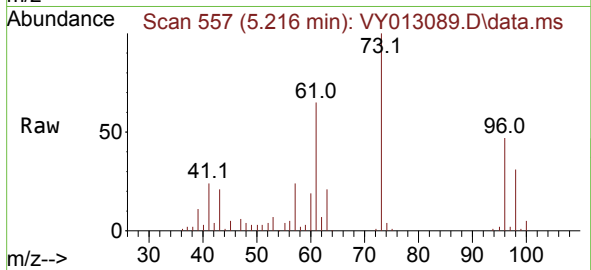




#21
trans-1,2-Dichloroethene
Concen: 21.146 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

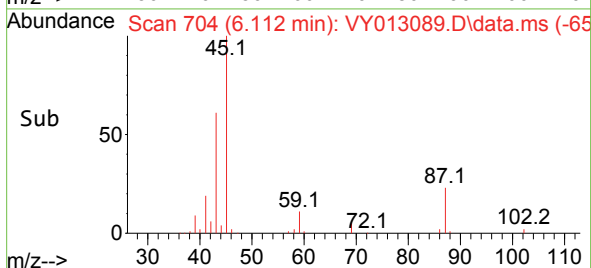
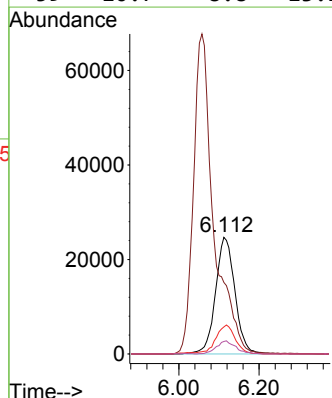
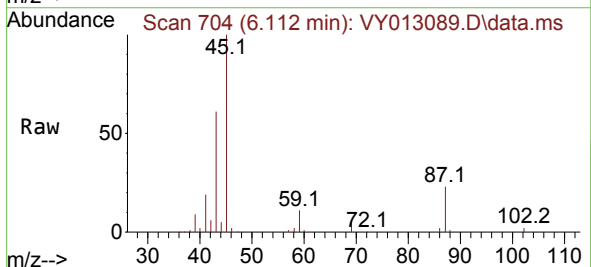
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

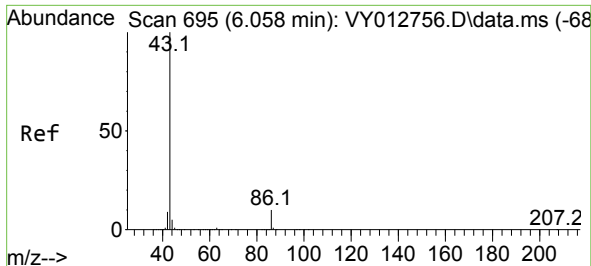
Tgt Ion: 96 Resp: 23144
Ion Ratio Lower Upper
96 100
61 140.5 111.4 167.0
98 66.1 50.8 76.2



#22
Diisopropyl ether
Concen: 24.533 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 45 Resp: 82900
Ion Ratio Lower Upper
45 100
43 60.9 45.0 67.6
87 23.1 20.3 30.5
59 10.7 8.8 13.2

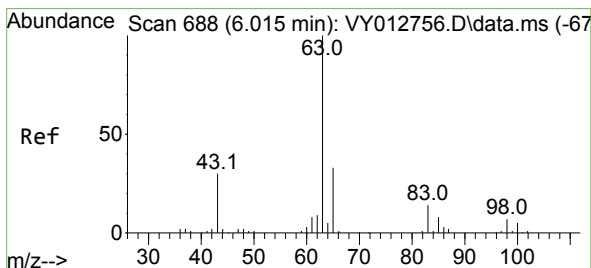
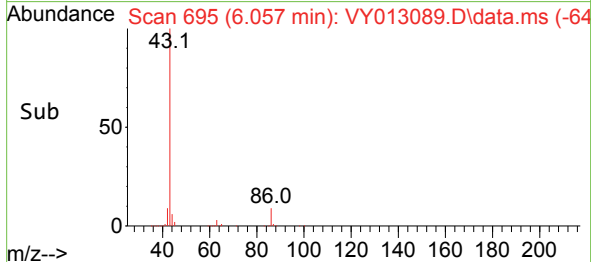
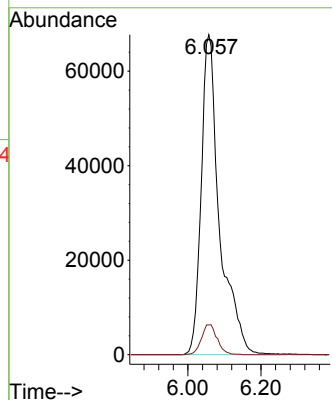
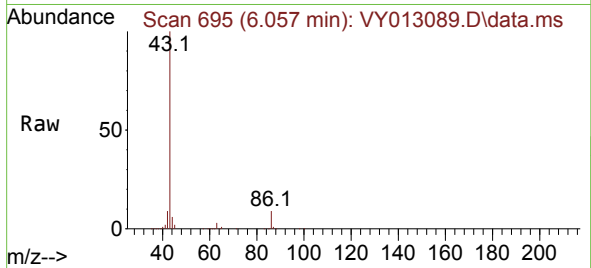




#23
 Vinyl Acetate
 Concen: 112.602 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY013089.D
 Acq: 27 Mar 2023 14:09

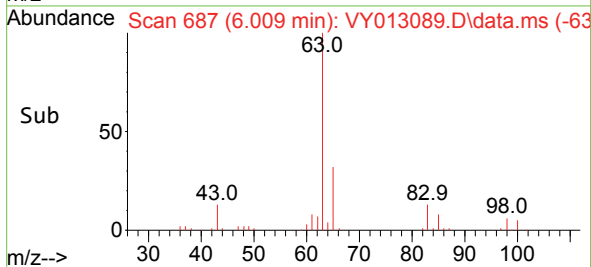
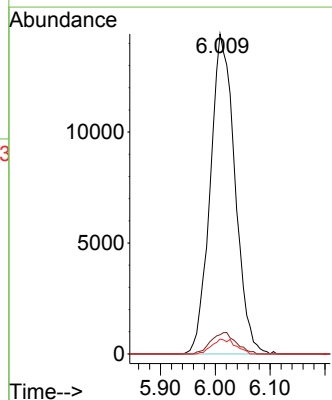
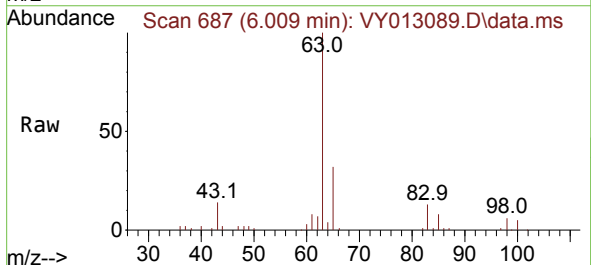
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

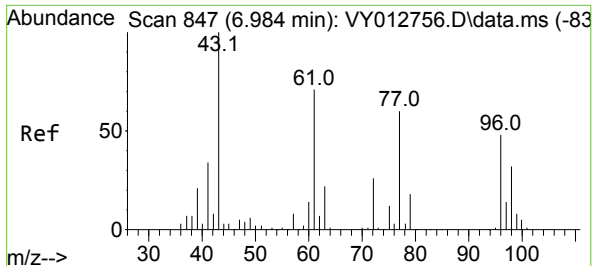
Tgt Ion: 43 Resp: 236416
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 23.419 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013089.D
 Acq: 27 Mar 2023 14:09

Tgt Ion: 63 Resp: 45094
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 110.680 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

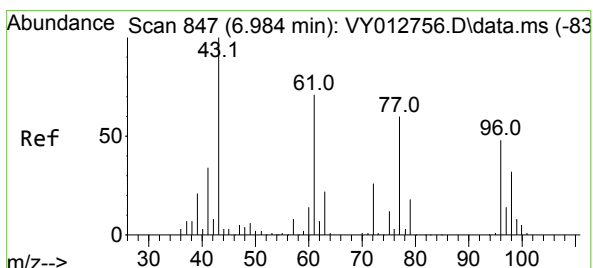
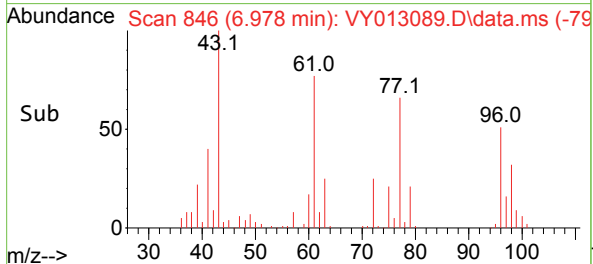
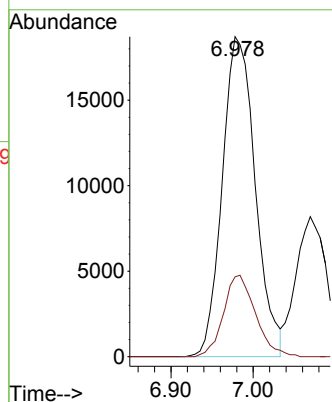
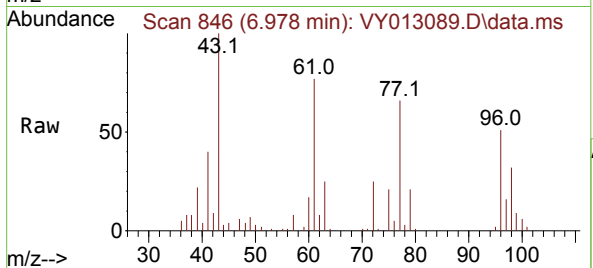
VY0327SBS01

Tgt Ion: 43 Resp: 52251

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 22.814 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013089.D

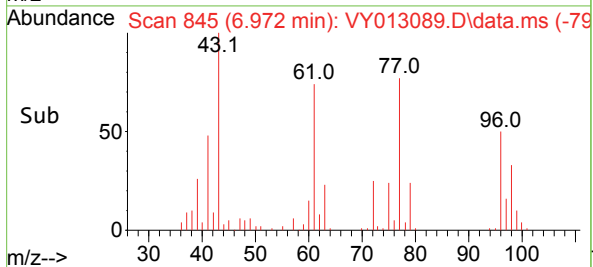
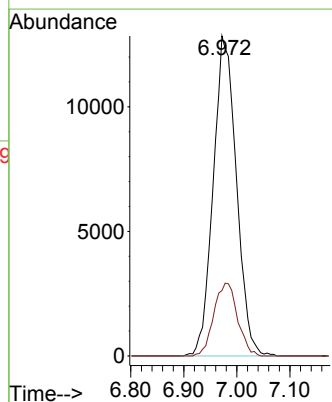
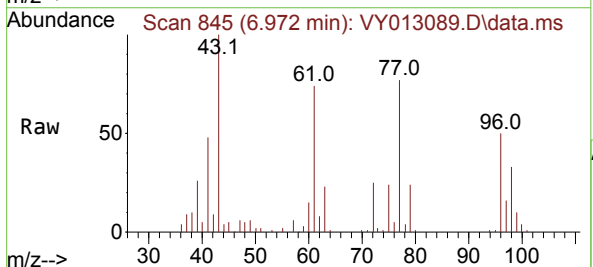
Acq: 27 Mar 2023 14:09

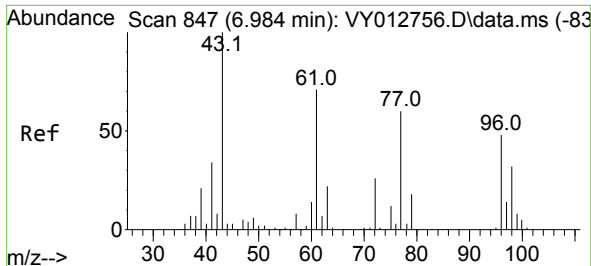
Tgt Ion: 77 Resp: 39016

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0

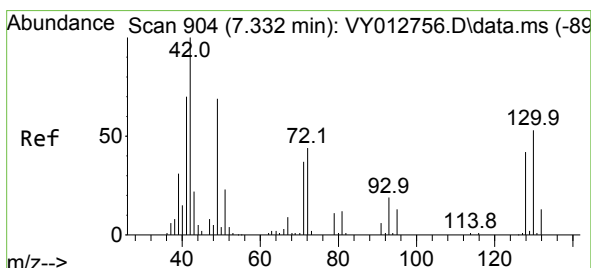
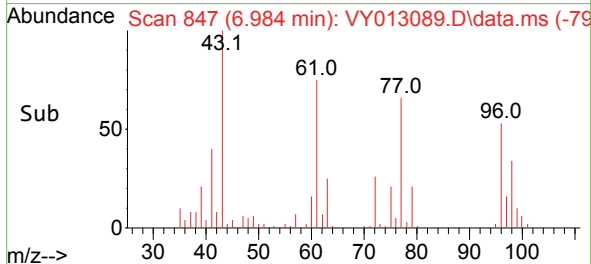
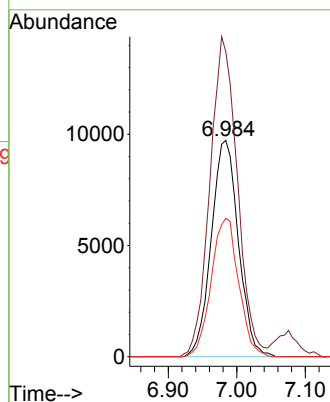
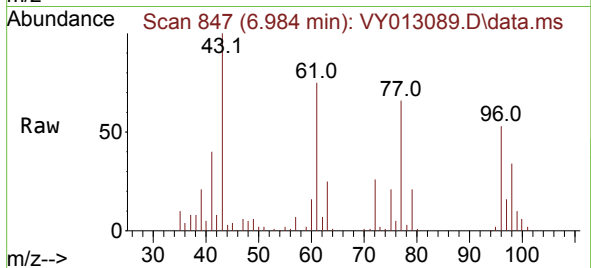




#27
cis-1,2-Dichloroethene
Concen: 22.757 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

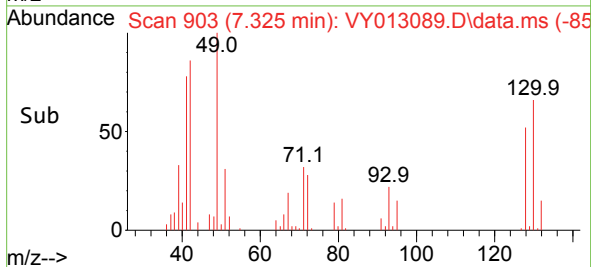
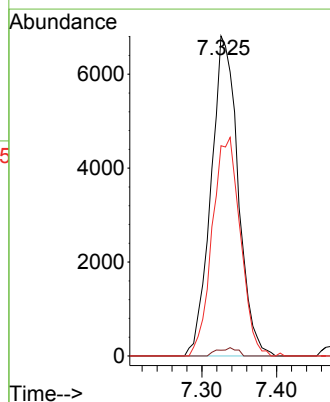
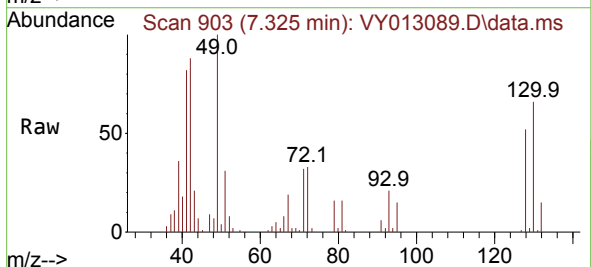
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

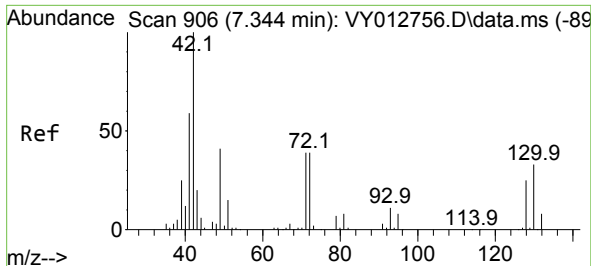
Tgt Ion: 96 Resp: 26704
Ion Ratio Lower Upper
96 100
61 149.8 0.0 295.8
98 64.7 0.0 130.2



#28
Bromochloromethane
Concen: 24.436 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.007 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 49 Resp: 17195
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 70.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 113.715 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

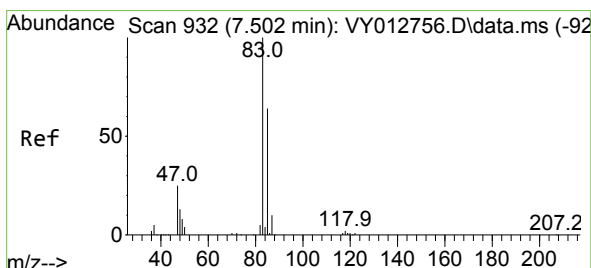
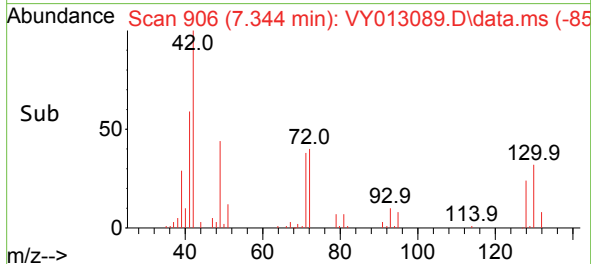
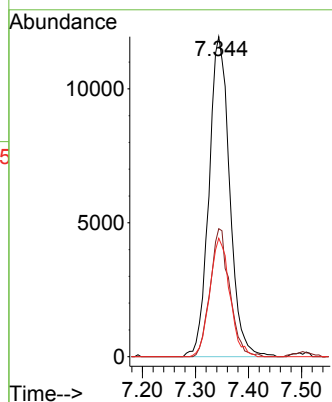
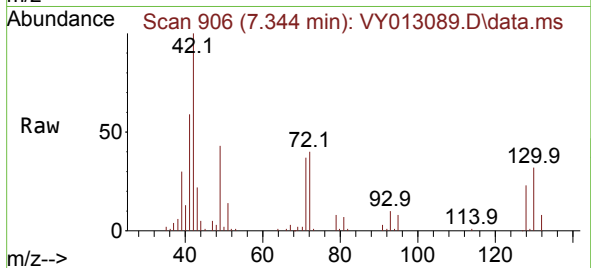
Tgt Ion: 42 Resp: 32378

Ion Ratio Lower Upper

42 100

72 37.8 32.3 48.5

71 36.0 30.3 45.5



#30

Chloroform

Concen: 23.780 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013089.D

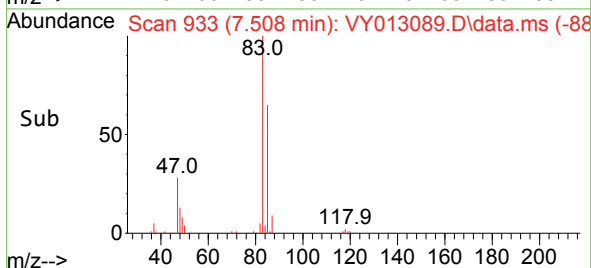
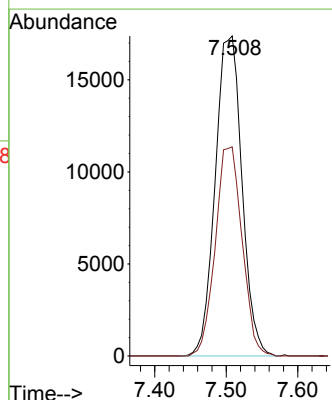
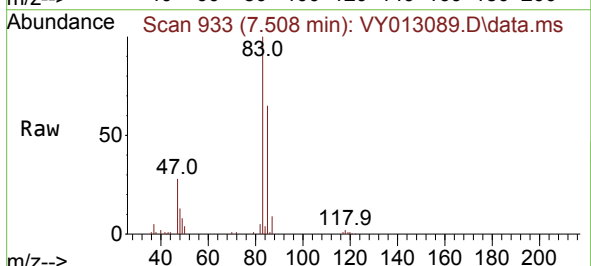
Acq: 27 Mar 2023 14:09

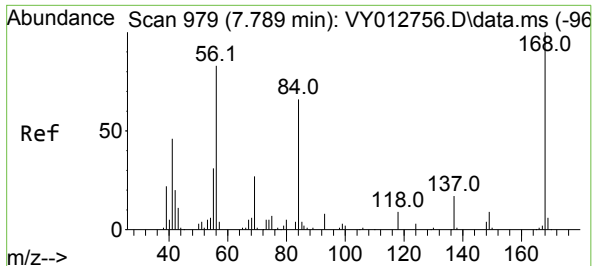
Tgt Ion: 83 Resp: 45228

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0





#31

Cyclohexane

Concen: 20.088 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

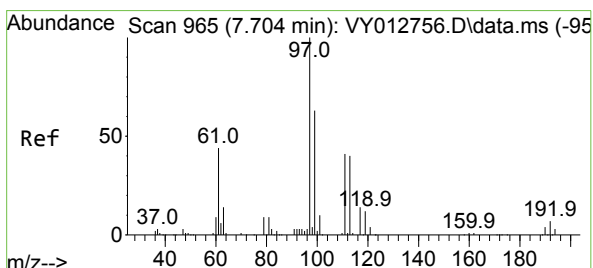
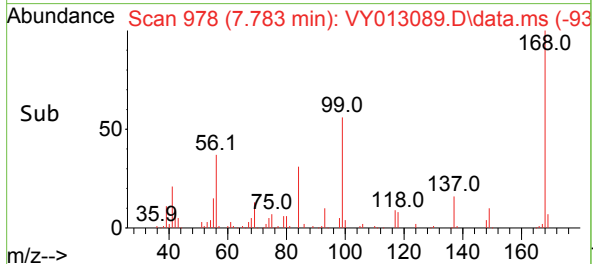
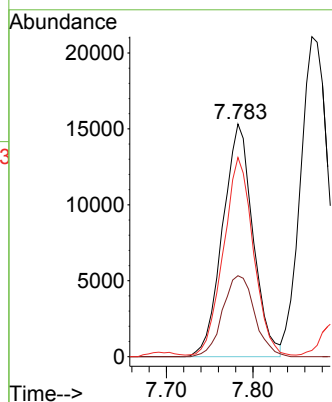
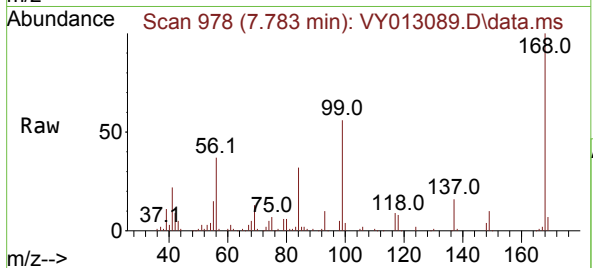
Tgt Ion: 56 Resp: 37360

Ion Ratio Lower Upper

56 100

69 34.8 25.7 38.5

84 84.7 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 22.973 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.007 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

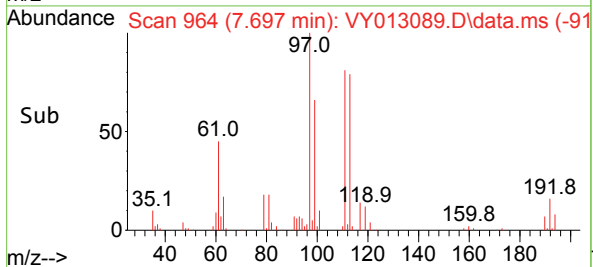
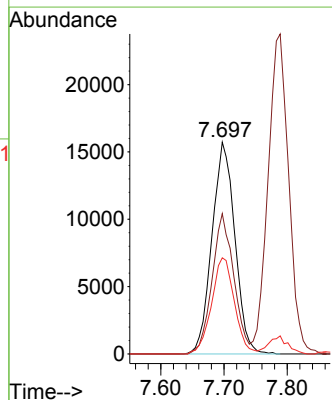
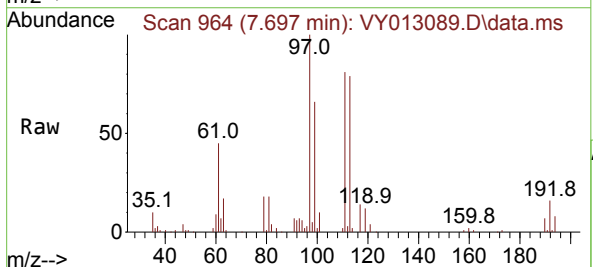
Tgt Ion: 97 Resp: 39514

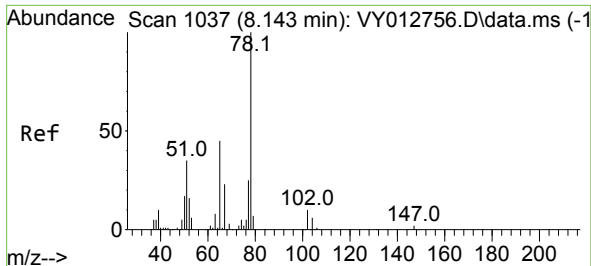
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.6

61 45.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.704 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

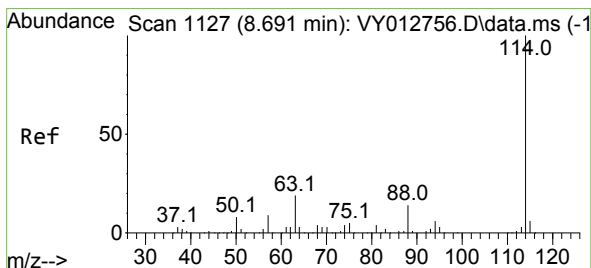
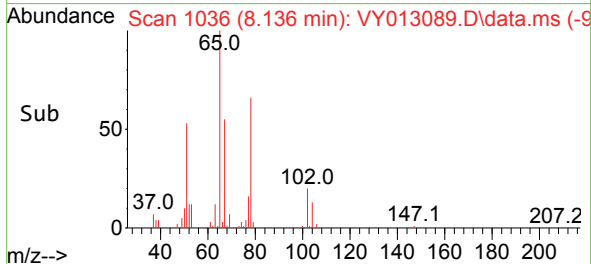
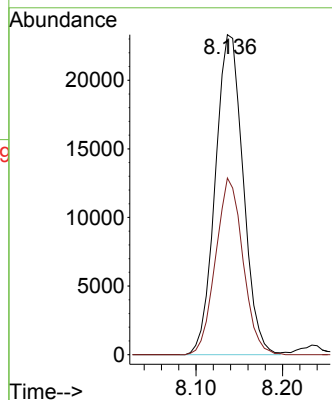
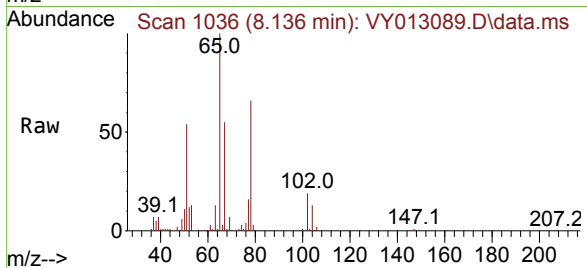
VY0327SBSD01

Tgt Ion: 65 Resp: 52151

Ion Ratio Lower Upper

65 100

67 54.2 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: VY013089.D

Acq: 27 Mar 2023 14:09

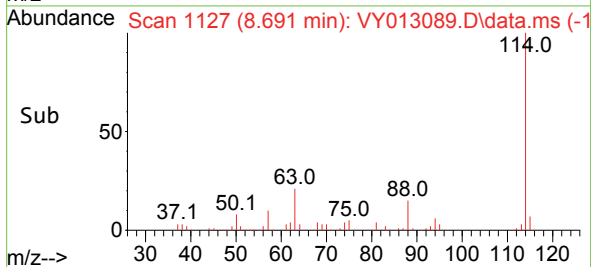
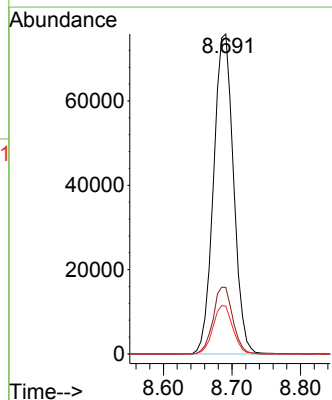
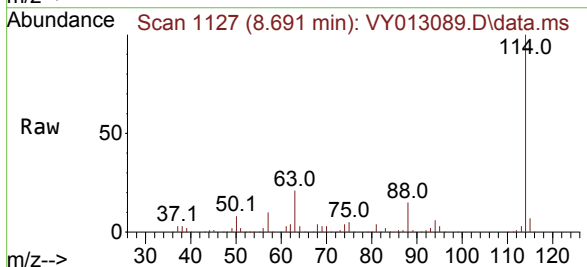
Tgt Ion:114 Resp: 153172

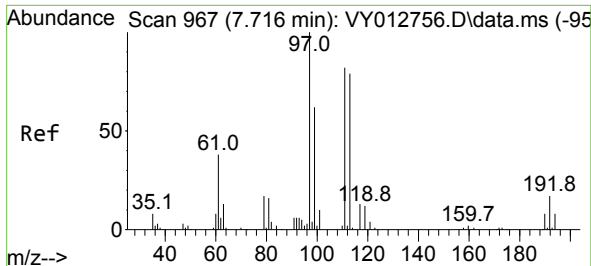
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.0 0.0 28.6

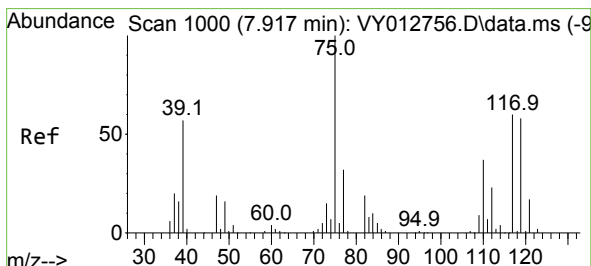
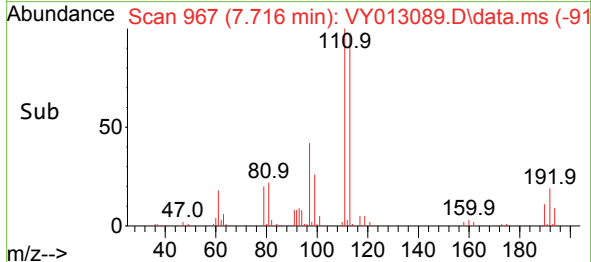
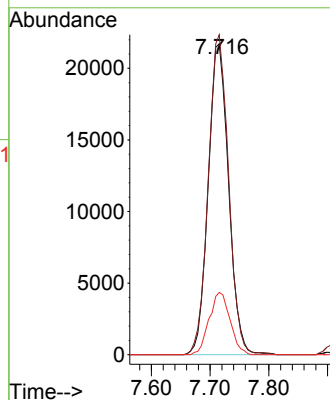
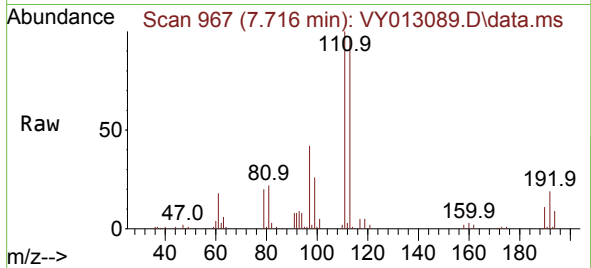




#35
Dibromofluoromethane
Concen: 56.617 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

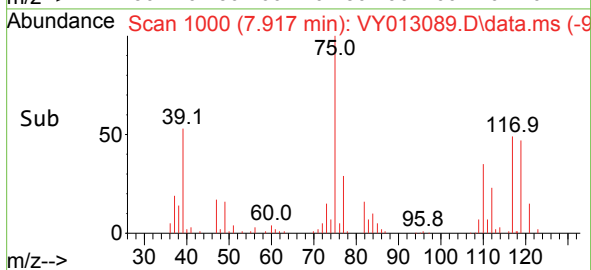
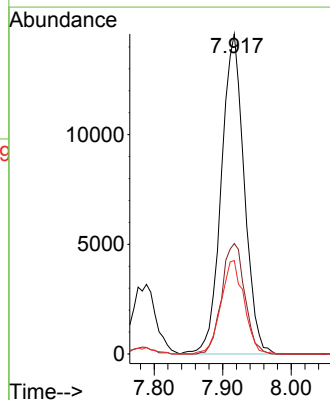
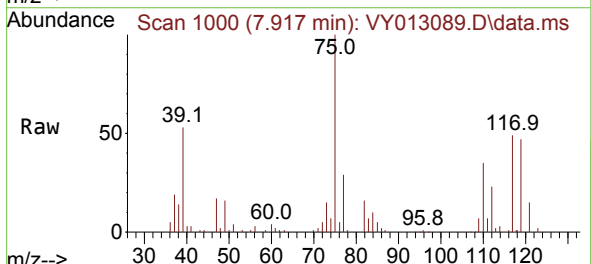
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

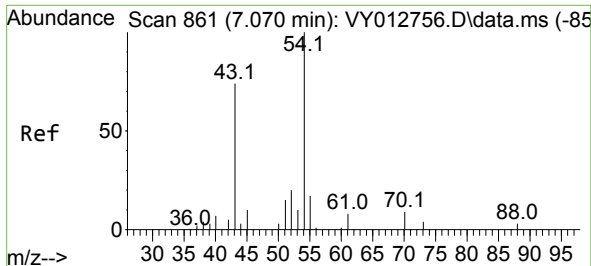
Tgt Ion:113 Resp: 52336
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.813 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 75 Resp: 33790
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.3
77 29.5 25.0 37.4





#37

Ethyl Acetate

Concen: 23.054 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

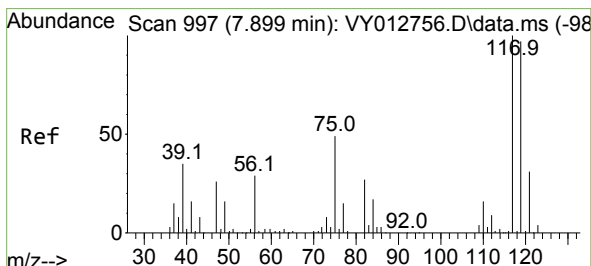
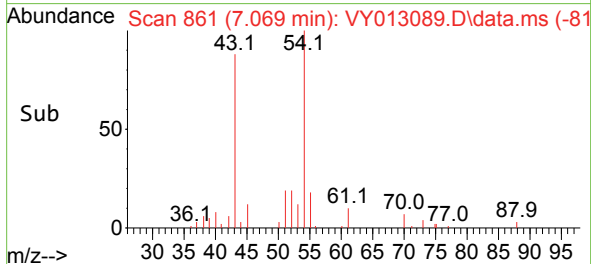
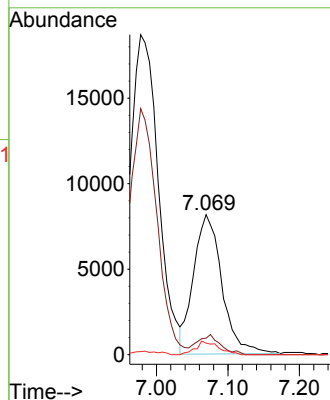
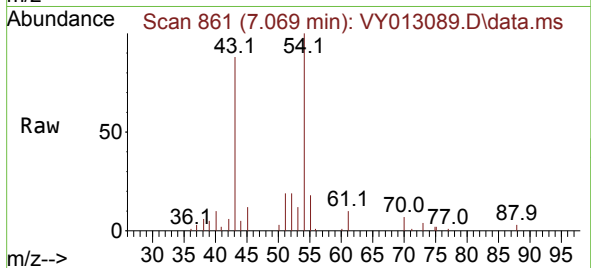
Tgt Ion: 43 Resp: 22509

Ion Ratio Lower Upper

43 100

61 11.6 10.7 16.1

70 7.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 22.311 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

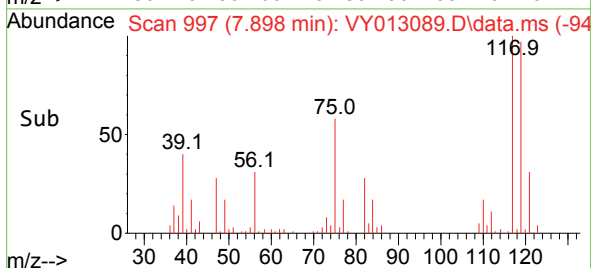
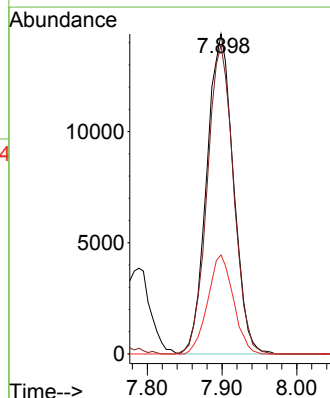
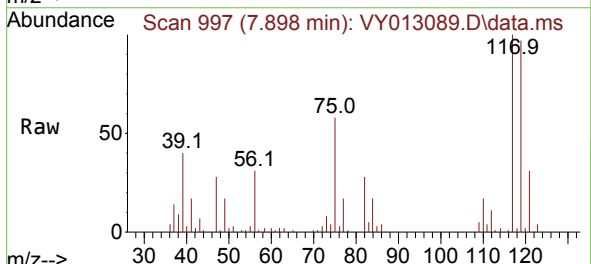
Tgt Ion: 117 Resp: 35690

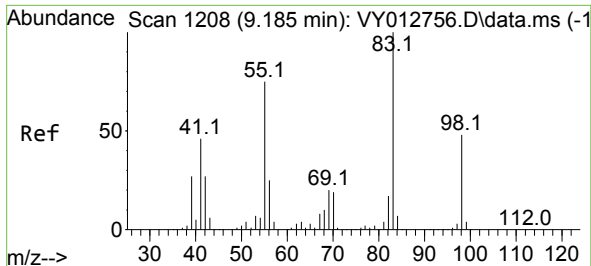
Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.840 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

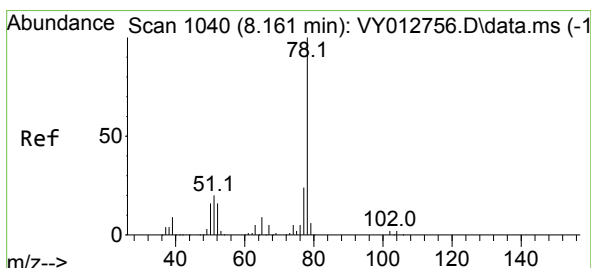
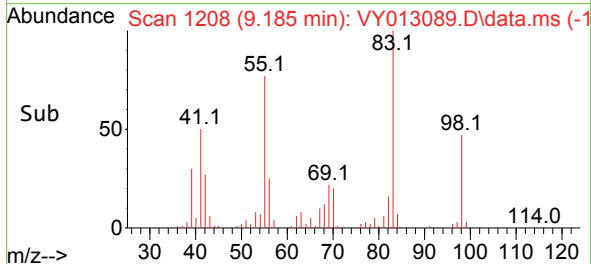
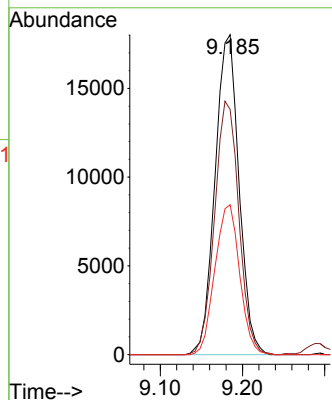
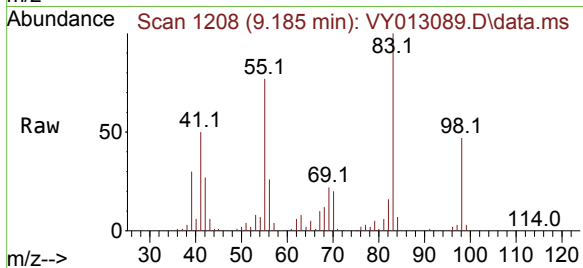
Tgt Ion: 83 Resp: 36538

Ion Ratio Lower Upper

83 100

55 76.6 60.0 90.0

98 46.9 38.3 57.5



#40

Benzene

Concen: 22.253 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013089.D

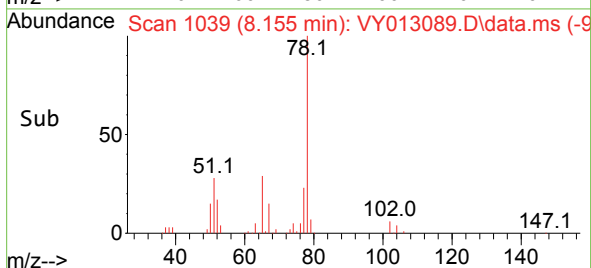
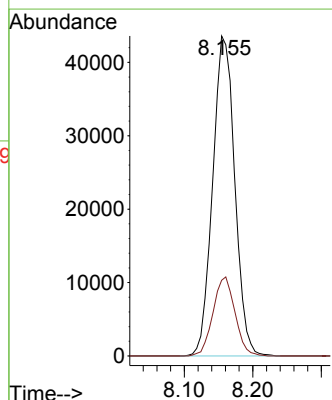
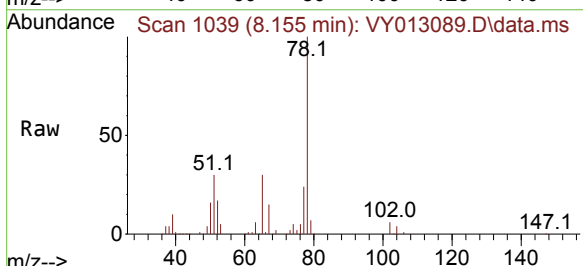
Acq: 27 Mar 2023 14:09

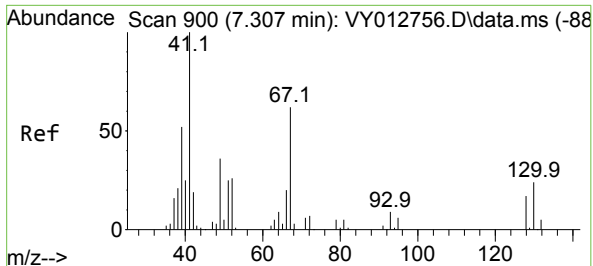
Tgt Ion: 78 Resp: 97509

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

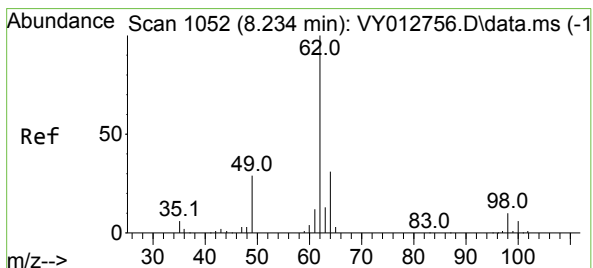
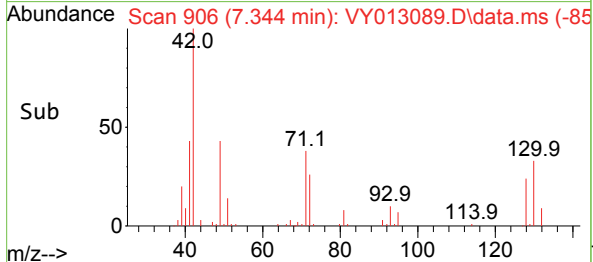
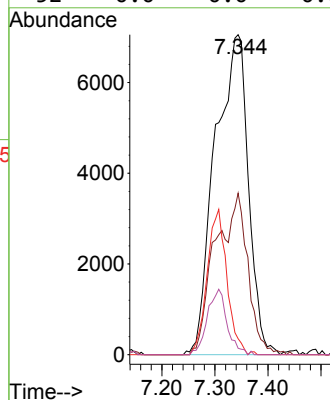
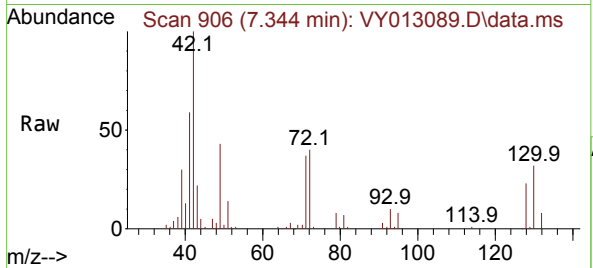




#41
Methacrylonitrile
Concen: 58.296 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

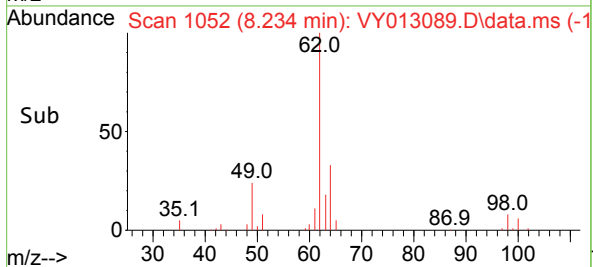
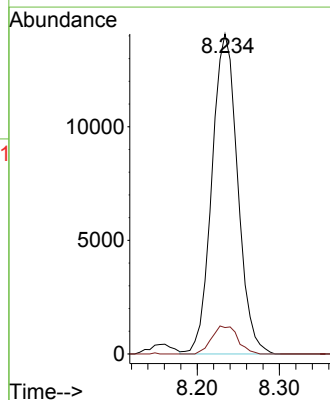
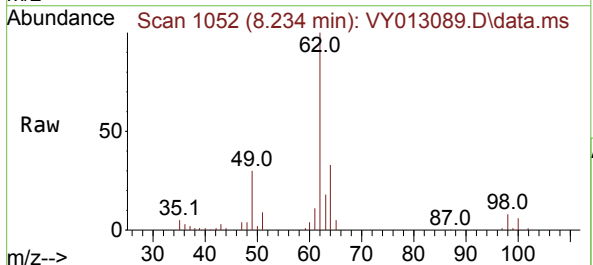
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

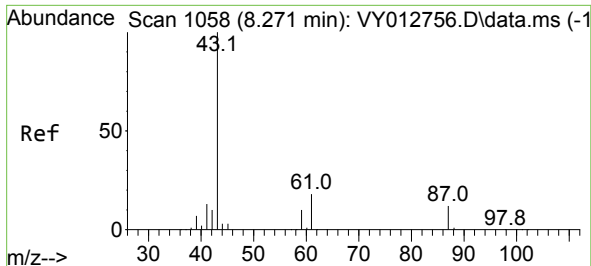
Tgt Ion:	41	Resp:	30666
Ion	Ratio	Lower	Upper
41	100		
39	25.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.249 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:	62	Resp:	30628
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.8

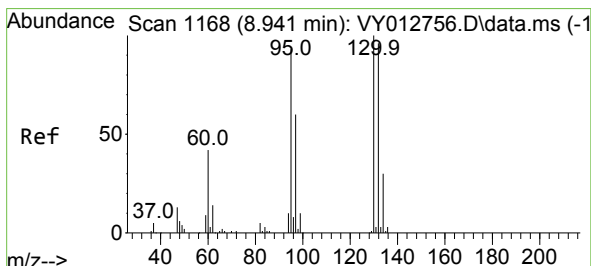
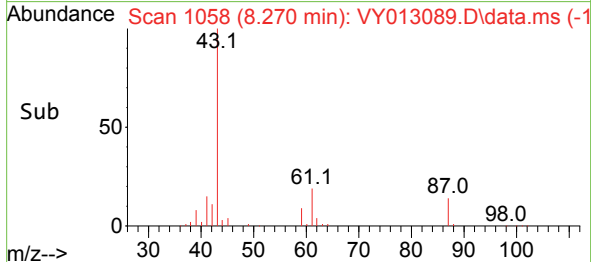
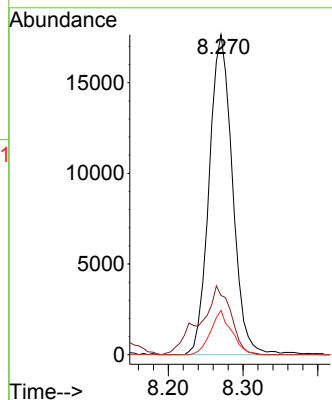
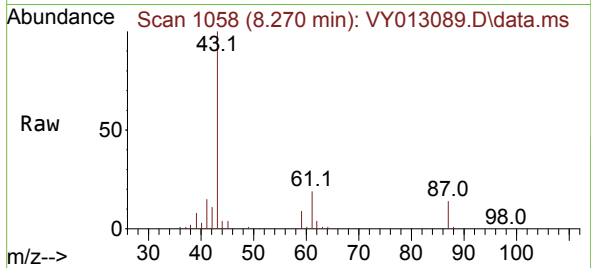




#43
Isopropyl Acetate
Concen: 21.884 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

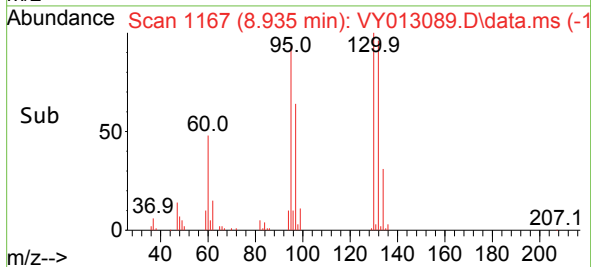
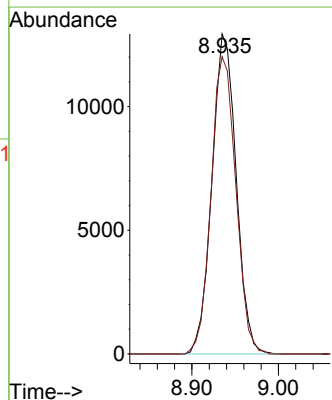
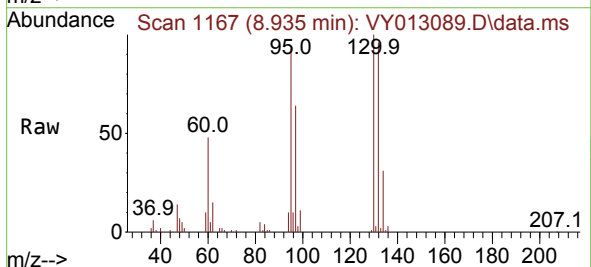
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

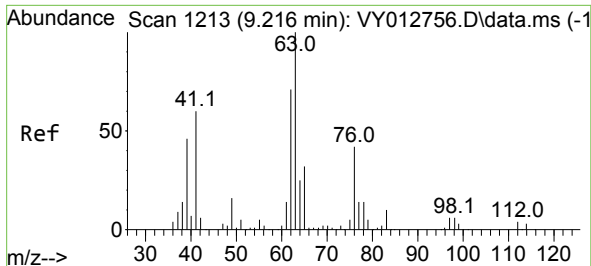
Tgt Ion: 43 Resp: 38120
Ion Ratio Lower Upper
43 100
61 28.7 21.6 32.4
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 21.737 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 130 Resp: 25113
Ion Ratio Lower Upper
130 100
95 92.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 23.776 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

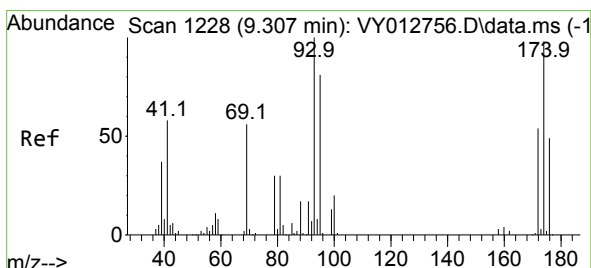
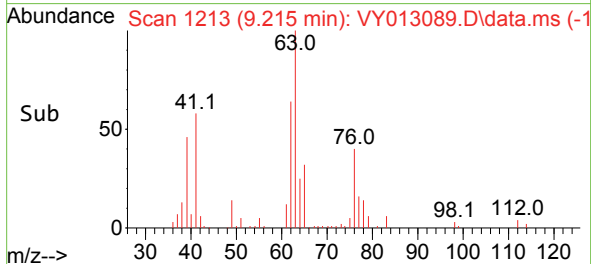
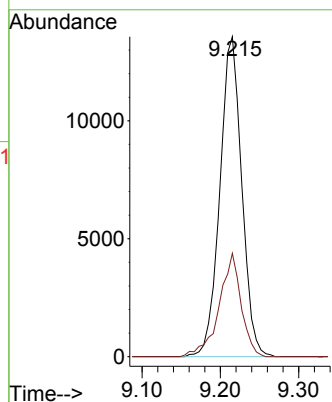
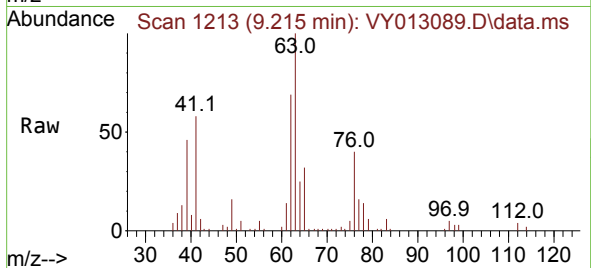
VY0327SBS01

Tgt Ion: 63 Resp: 26330

Ion Ratio Lower Upper

63 100

65 32.3 25.7 38.5



#46

Dibromomethane

Concen: 22.856 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

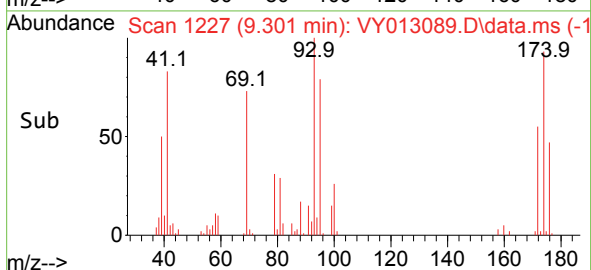
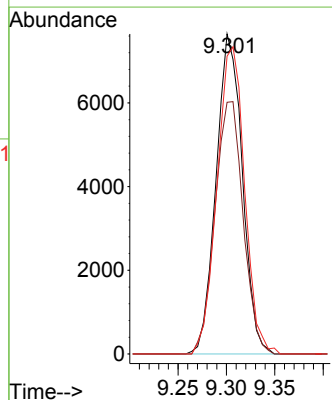
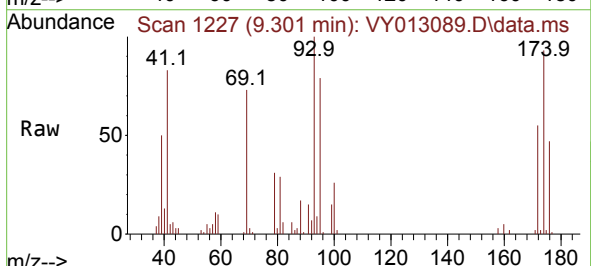
Tgt Ion: 93 Resp: 14420

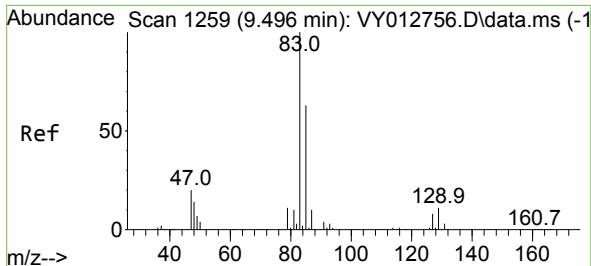
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 100.9 81.3 121.9

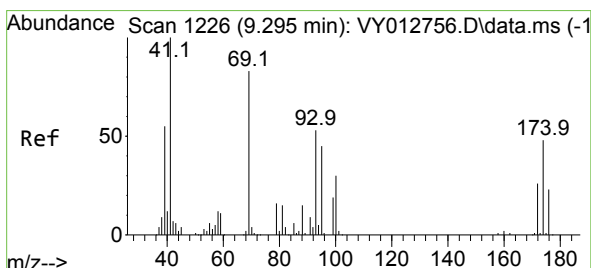
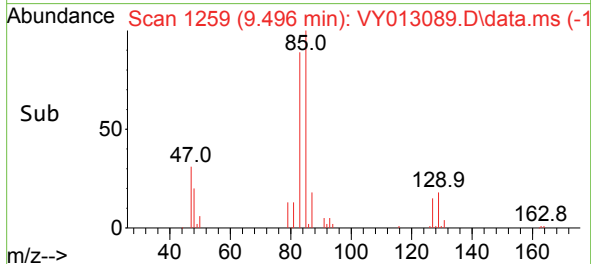
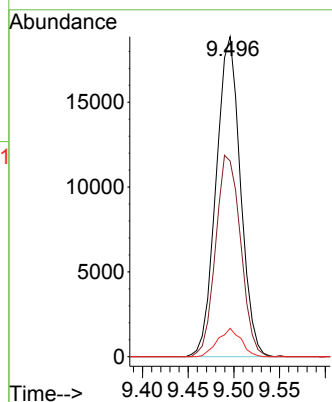
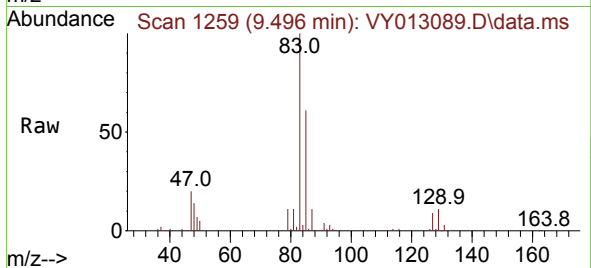




#47
Bromodichloromethane
Concen: 23.461 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

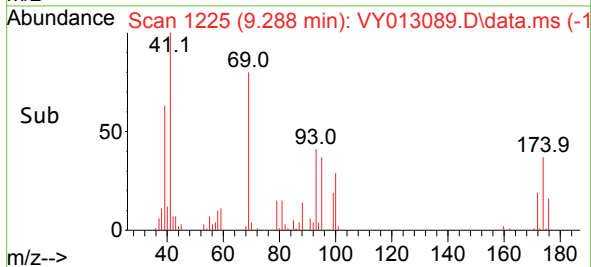
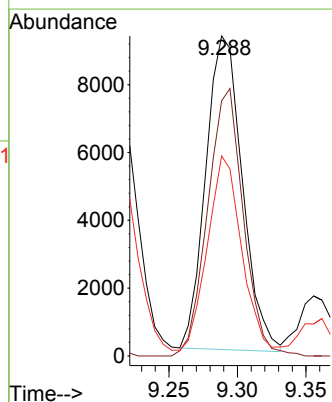
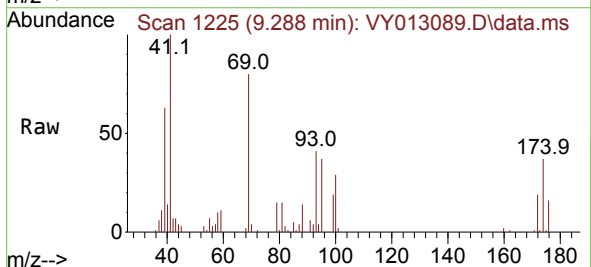
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

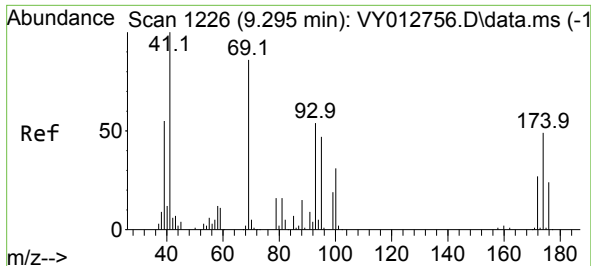
Tgt Ion:	83	Resp:	34881
Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.2	75.4
127	8.9	6.3	9.5



#48
Methyl methacrylate
Concen: 21.351 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:	41	Resp:	17137
Ion	Ratio	Lower	Upper
41	100		
69	83.2	64.1	96.1
39	61.9	44.0	66.0





#49

1,4-Dioxane

Concen: 444.213 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

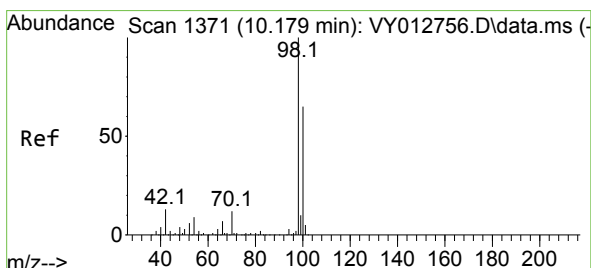
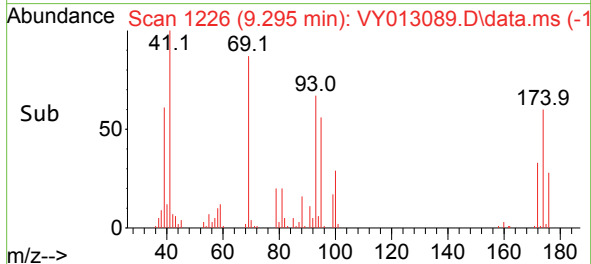
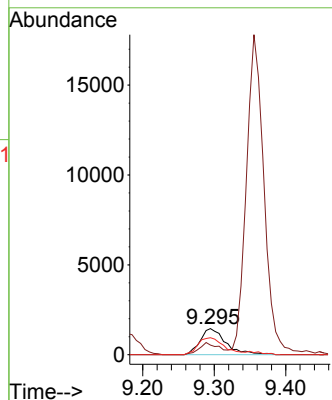
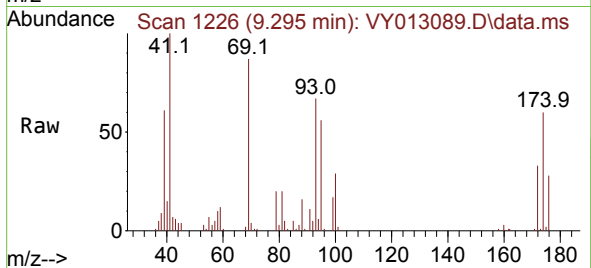
Tgt Ion: 88 Resp: 3623

Ion Ratio Lower Upper

88 100

43 36.0 28.6 42.8

58 66.6 55.2 82.8



#50

Toluene-d8

Concen: 49.208 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013089.D

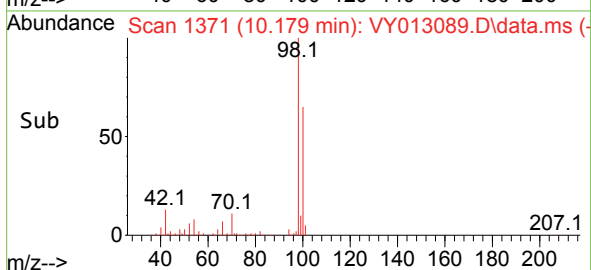
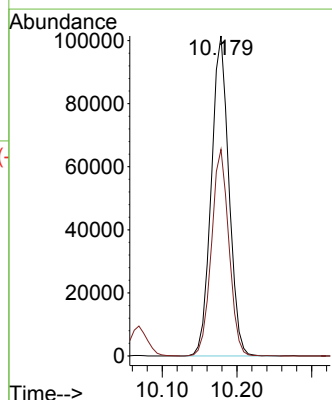
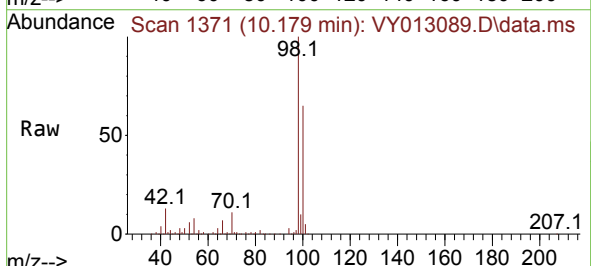
Acq: 27 Mar 2023 14:09

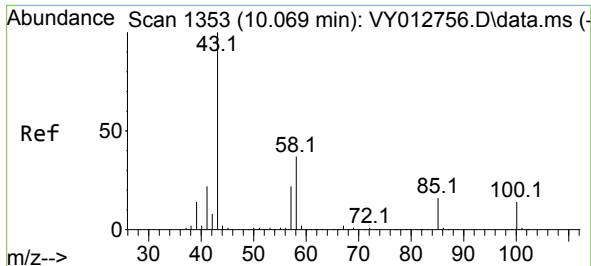
Tgt Ion: 98 Resp: 166292

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

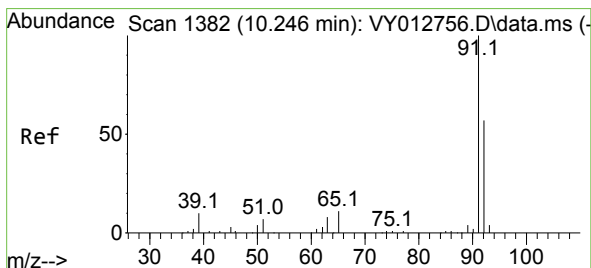
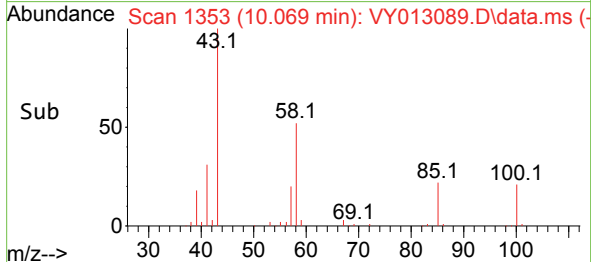
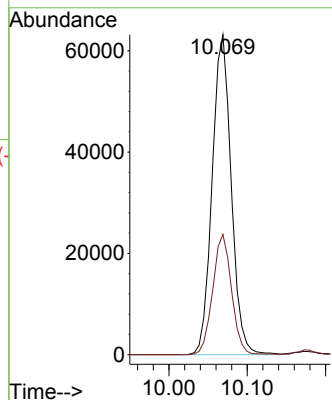
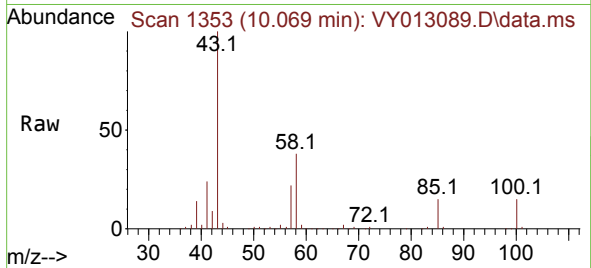




#51
4-Methyl-2-Pentanone
Concen: 112.979 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

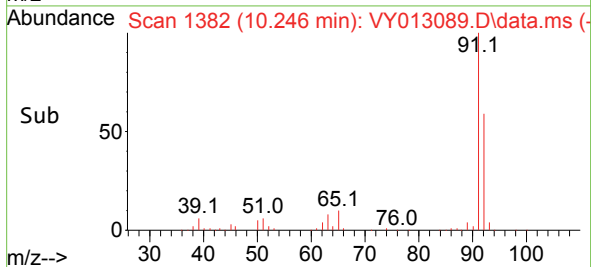
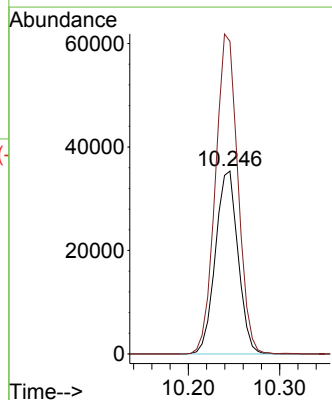
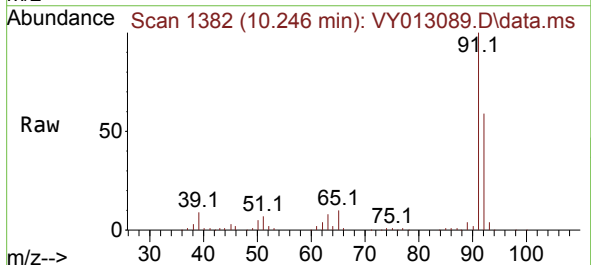
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

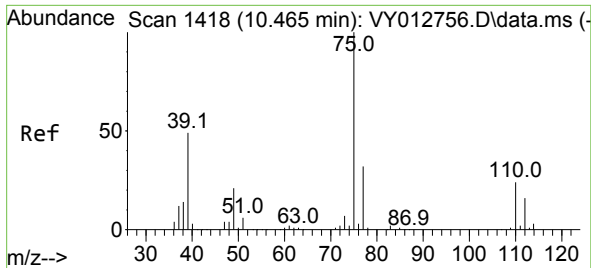
Tgt Ion: 43 Resp: 106753
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6



#52
Toluene
Concen: 23.021 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 92 Resp: 60837
Ion Ratio Lower Upper
92 100
91 174.2 141.3 211.9

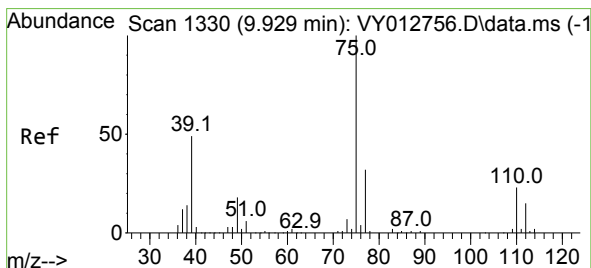
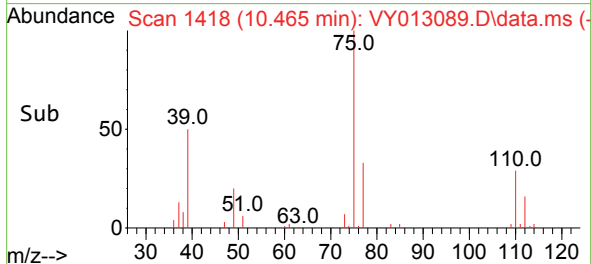
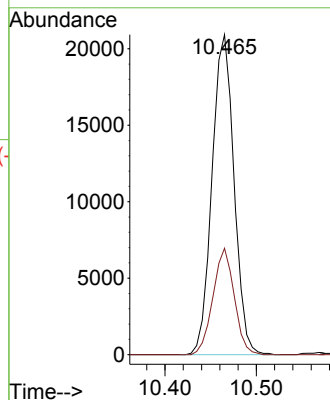
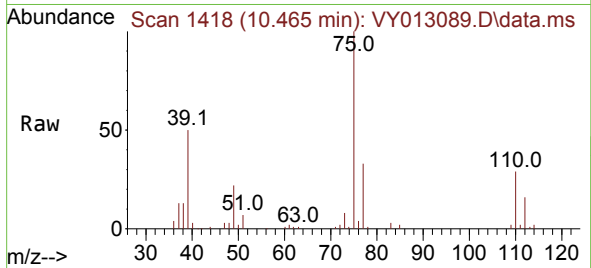




#53
 t-1,3-Dichloropropene
 Concen: 22.403 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013089.D
 Acq: 27 Mar 2023 14:09

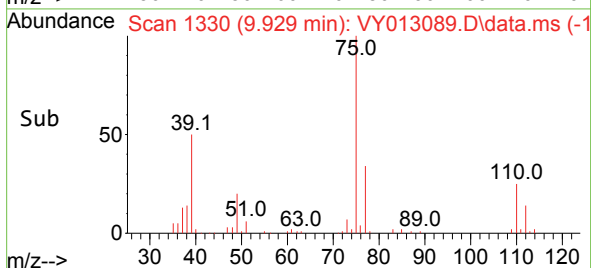
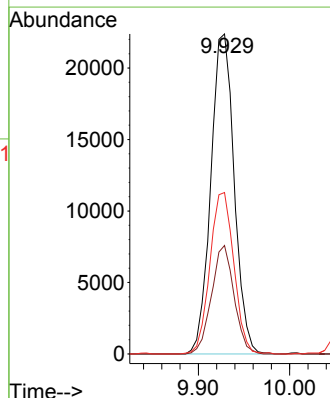
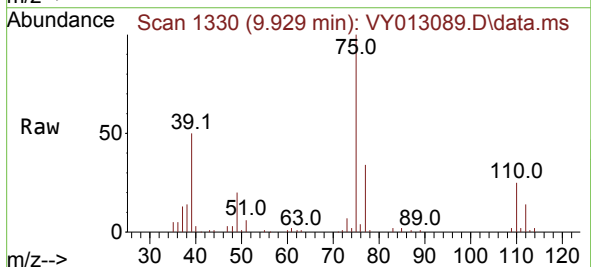
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

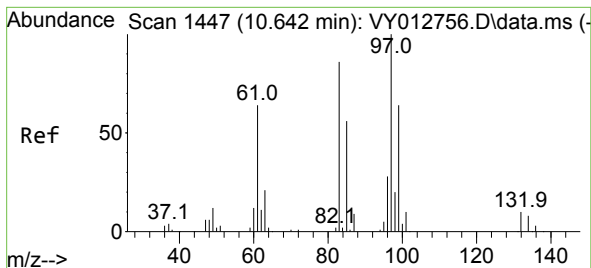
Tgt Ion: 75 Resp: 34936
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.533 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013089.D
 Acq: 27 Mar 2023 14:09

Tgt Ion: 75 Resp: 39772
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0
 39 50.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.735 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

Tgt Ion: 97 Resp: 20854

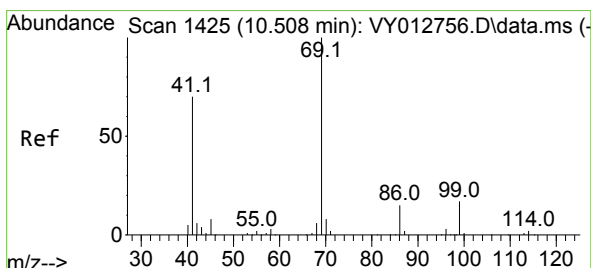
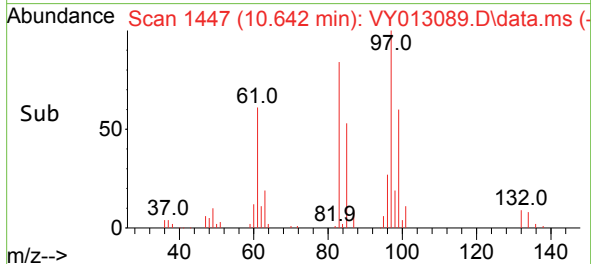
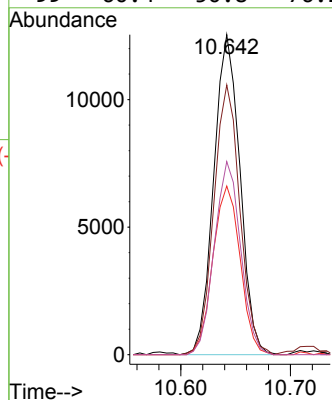
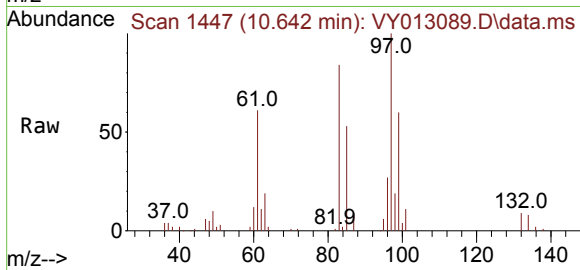
Ion Ratio Lower Upper

97 100

83 84.3 69.0 103.6

85 52.7 44.9 67.3

99 60.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.406 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

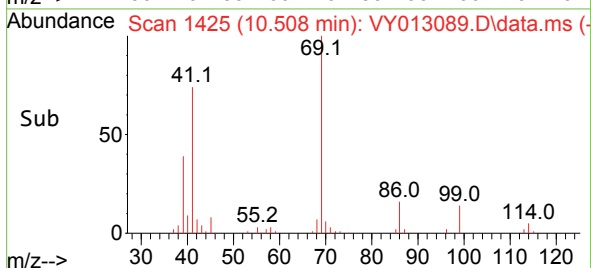
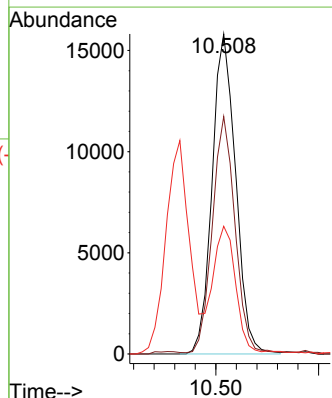
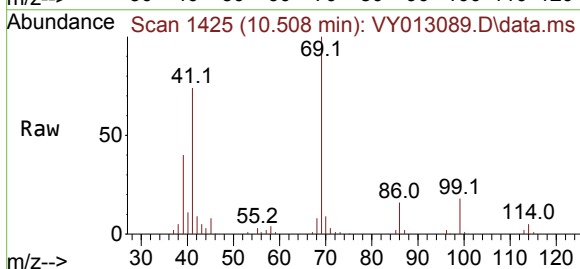
Tgt Ion: 69 Resp: 25078

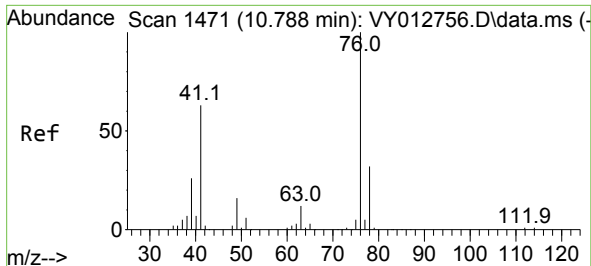
Ion Ratio Lower Upper

69 100

41 70.8 56.4 84.6

39 38.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 22.912 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

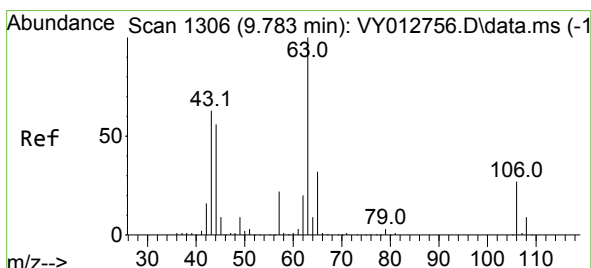
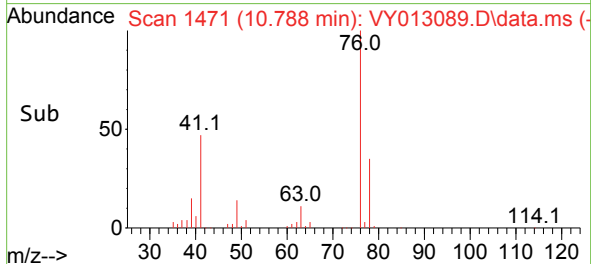
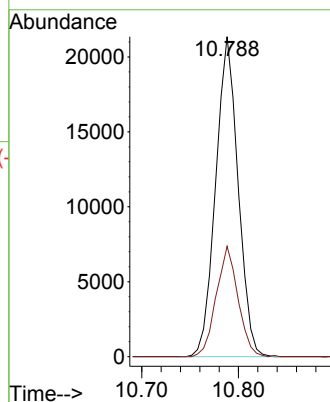
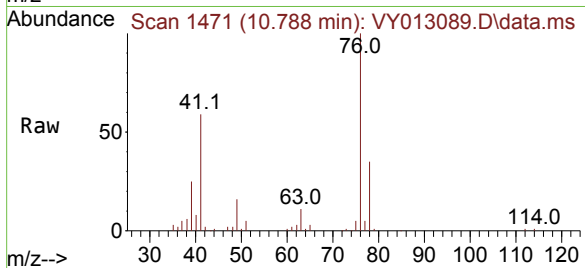
VY0327SBSD01

Tgt Ion: 76 Resp: 34288

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.579 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013089.D

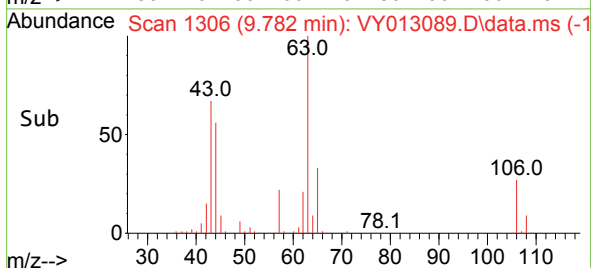
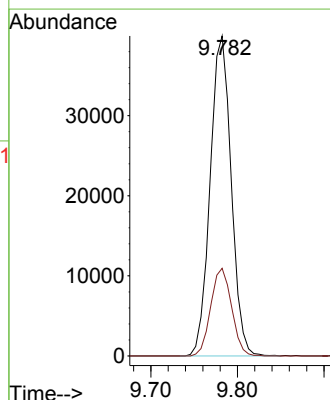
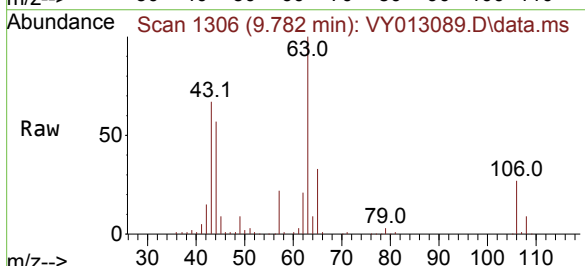
Acq: 27 Mar 2023 14:09

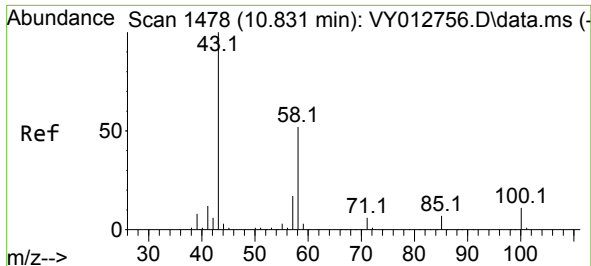
Tgt Ion: 63 Resp: 67393

Ion Ratio Lower Upper

63 100

106 27.1 22.1 33.1

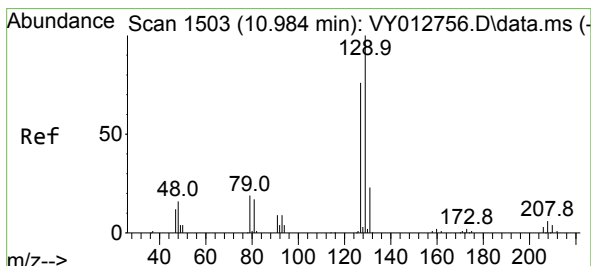
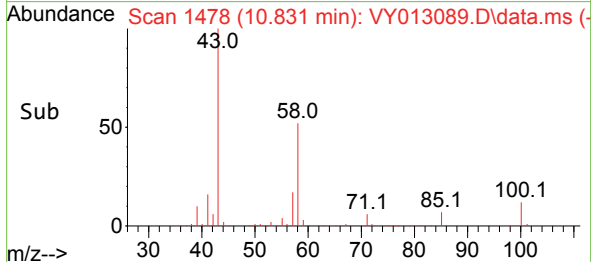
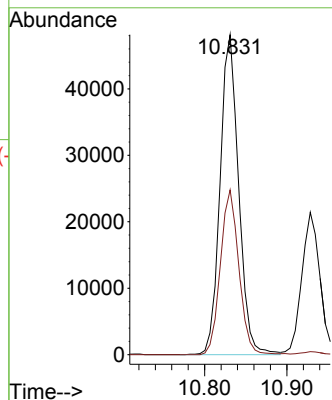
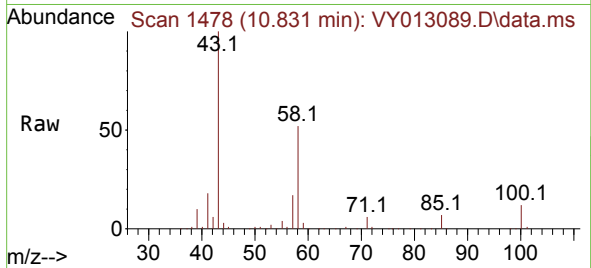




#59
2-Hexanone
Concen: 110.014 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

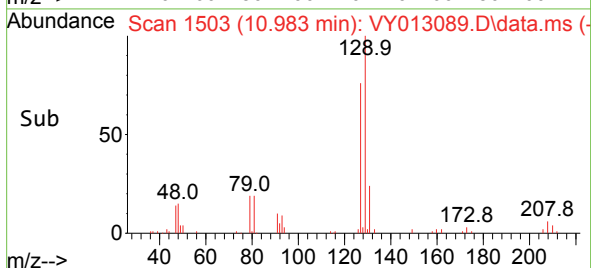
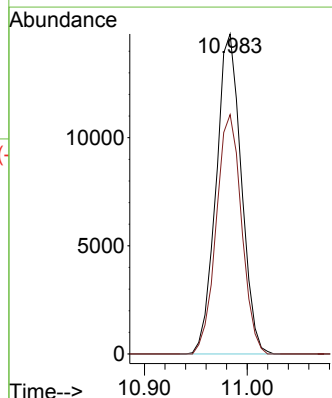
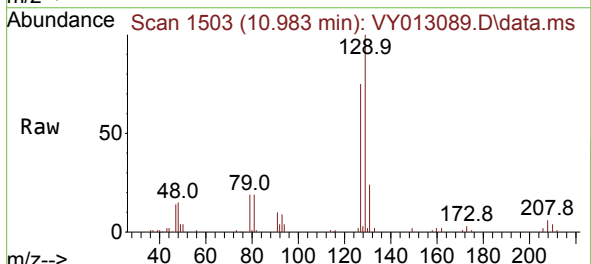
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

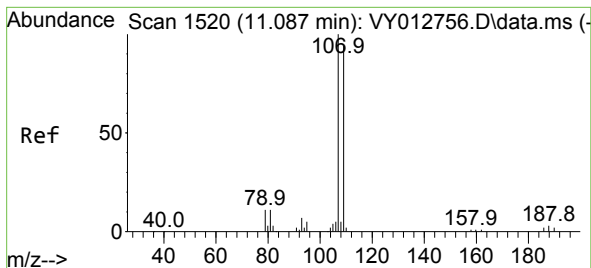
Tgt Ion: 43 Resp: 75550
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 23.502 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 129 Resp: 25136
Ion Ratio Lower Upper
129 100
127 75.2 38.7 116.1

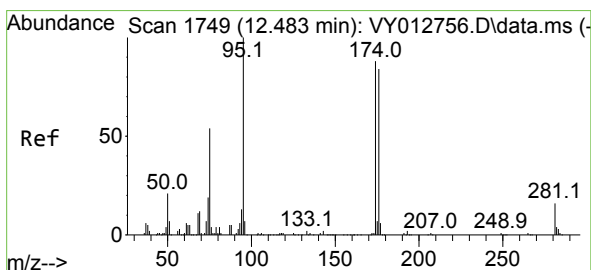
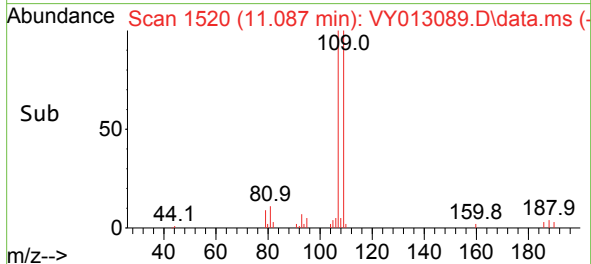
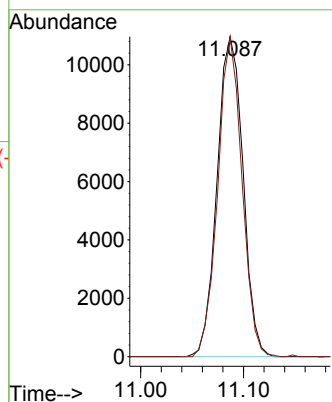
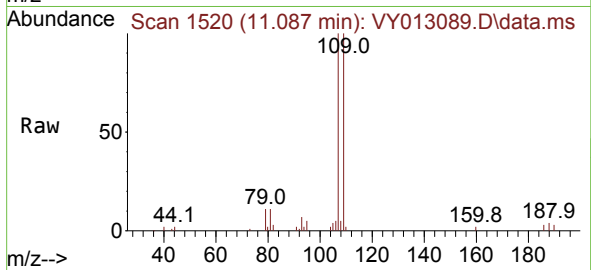




#61
1,2-Dibromoethane
Concen: 22.639 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

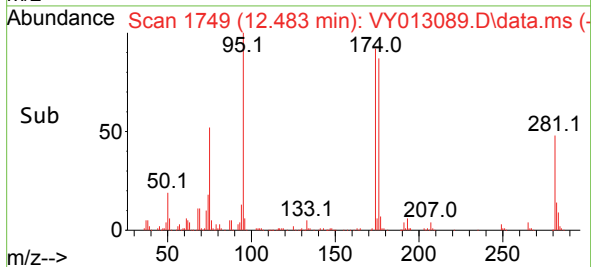
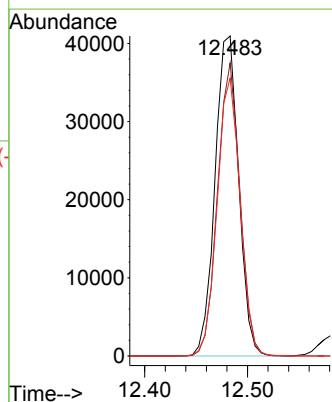
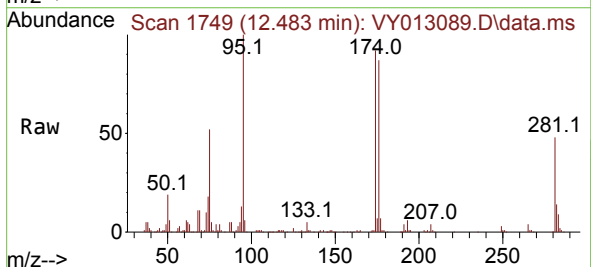
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

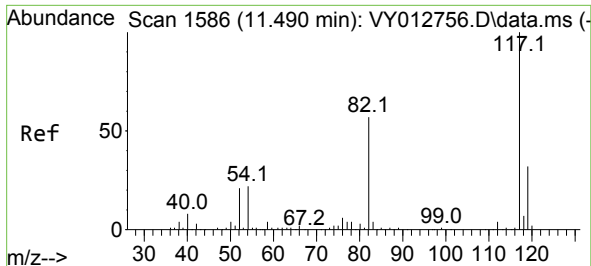
Tgt Ion:107 Resp: 19161
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 57.160 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion: 95 Resp: 65198
Ion Ratio Lower Upper
95 100
174 87.1 0.0 176.6
176 84.8 0.0 170.2

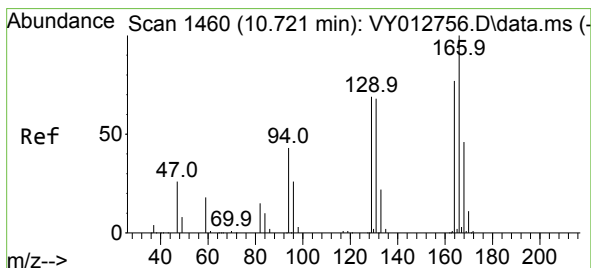
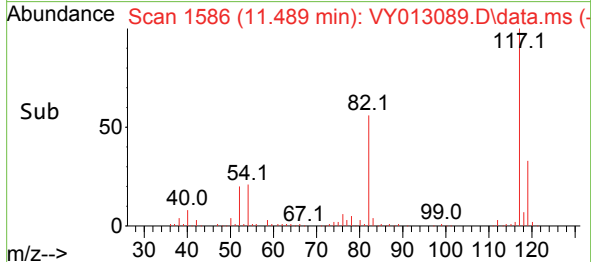
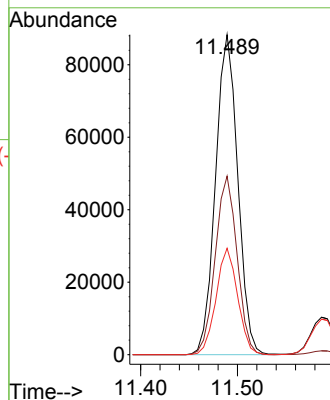
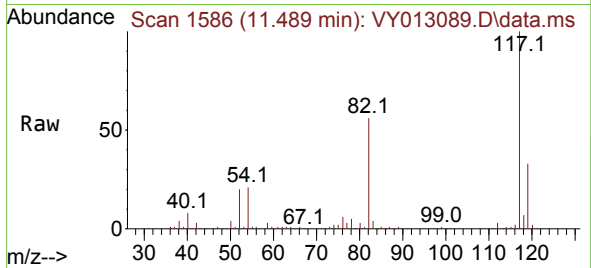




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

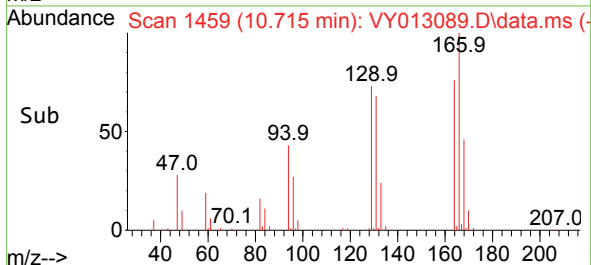
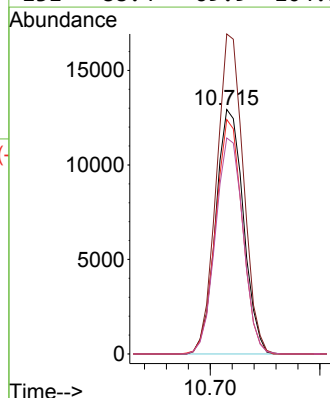
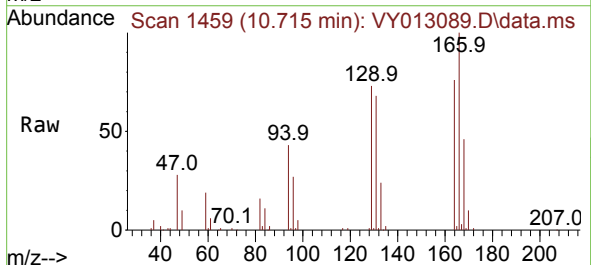
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

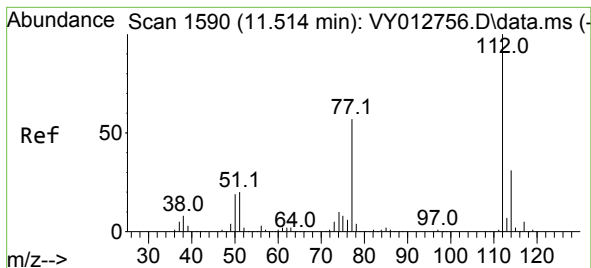
Tgt Ion:117 Resp: 141144
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 22.103 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:164 Resp: 22714
Ion Ratio Lower Upper
164 100
166 130.9 103.4 155.2
129 95.9 71.4 107.2
131 88.4 69.9 104.9

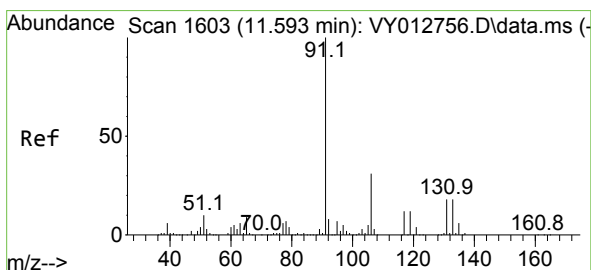
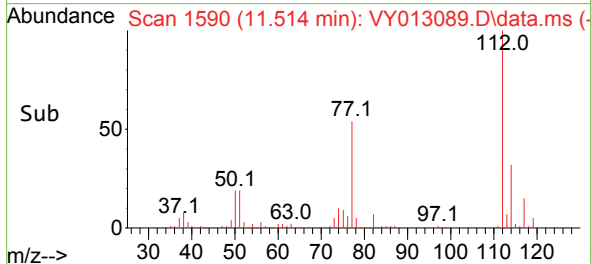
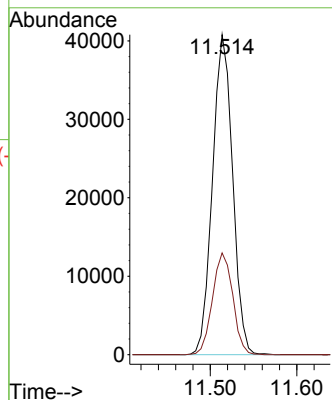
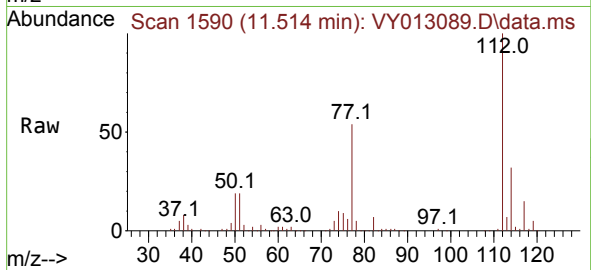




#65
Chlorobenzene
Concen: 22.225 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

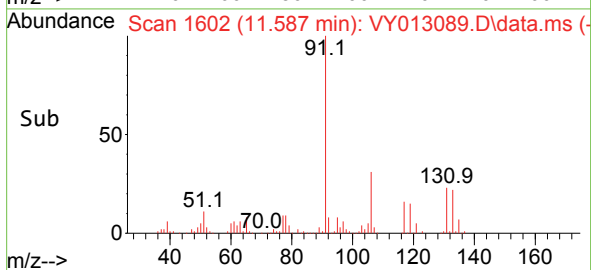
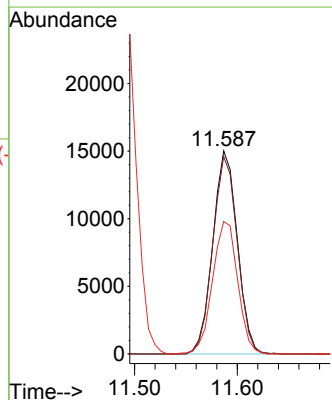
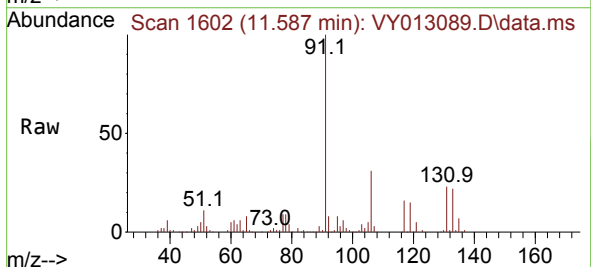
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

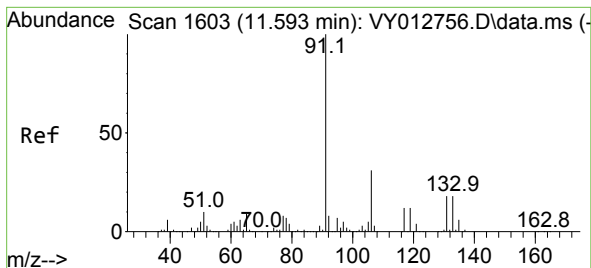
Tgt Ion:112 Resp: 65835
Ion Ratio Lower Upper
112 100
114 31.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.695 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:131 Resp: 24877
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 67.0 32.6 98.0





#67

Ethyl Benzene

Concen: 21.720 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

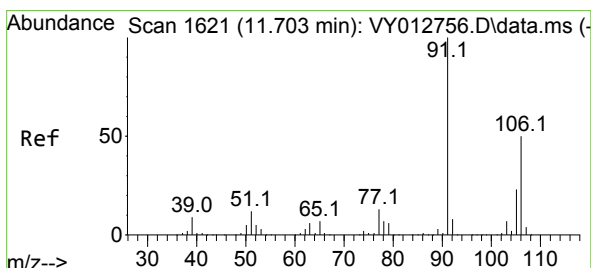
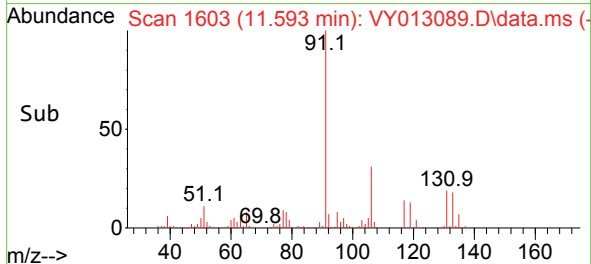
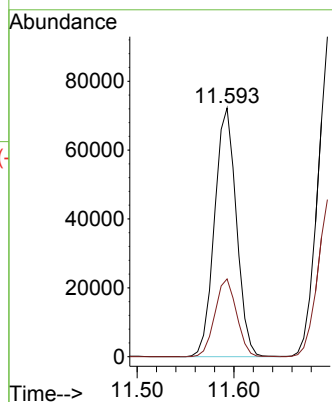
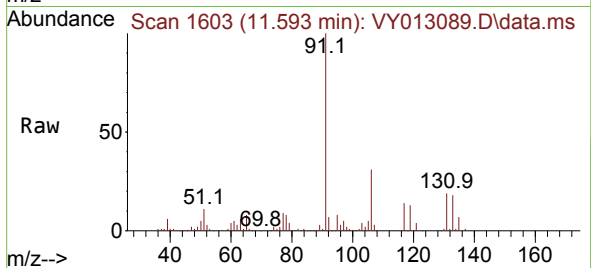
VY0327SBSD01

Tgt Ion: 91 Resp: 113121

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 43.998 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013089.D

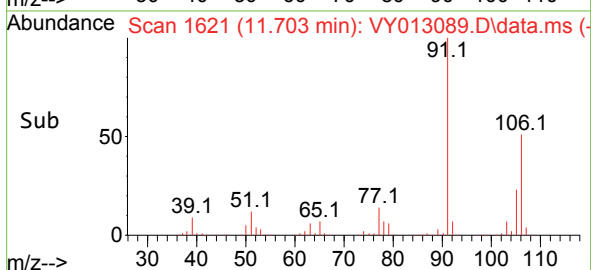
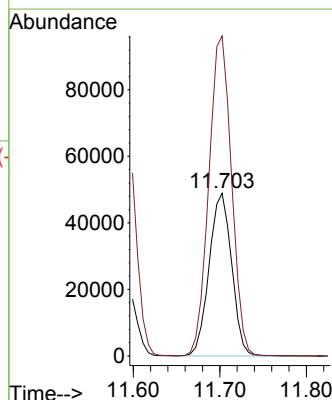
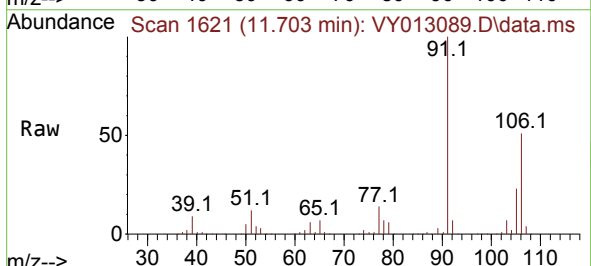
Acq: 27 Mar 2023 14:09

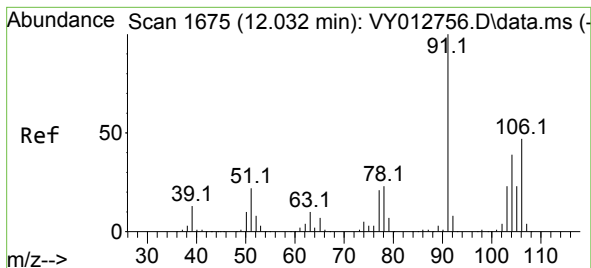
Tgt Ion:106 Resp: 88152

Ion Ratio Lower Upper

106 100

91 198.8 159.8 239.8





#69

o-Xylene

Concen: 21.508 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

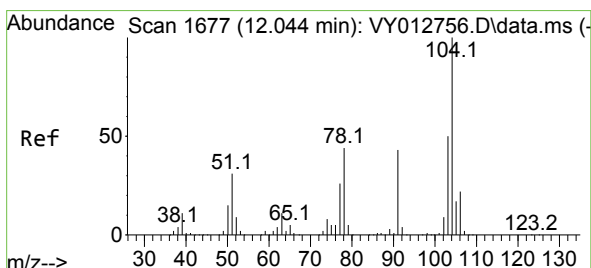
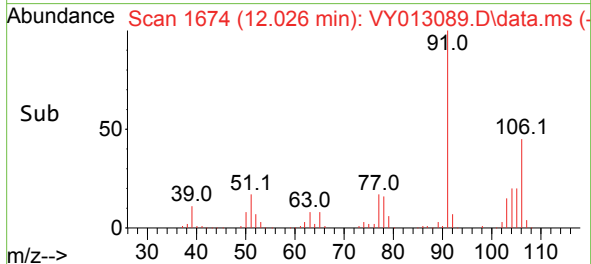
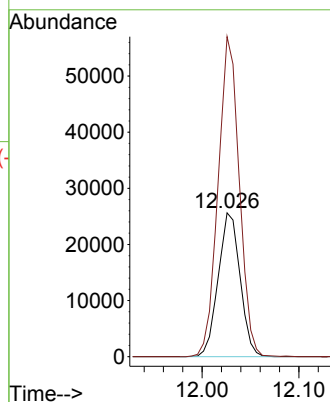
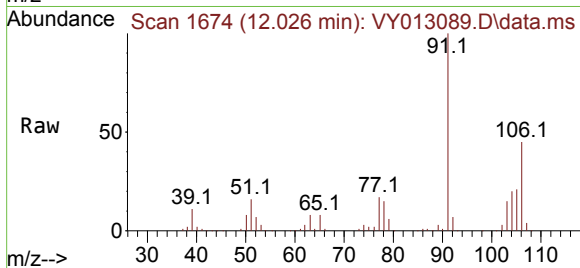
VY0327SBS01

Tgt Ion:106 Resp: 40218

Ion Ratio Lower Upper

106 100

91 215.9 107.2 321.6



#70

Styrene

Concen: 22.383 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

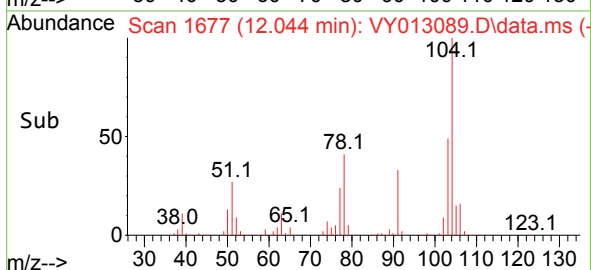
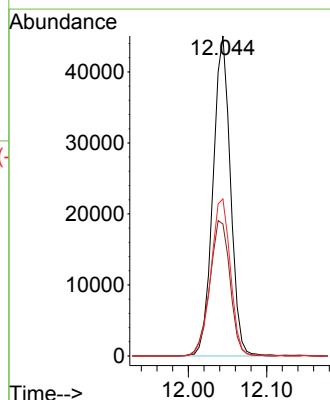
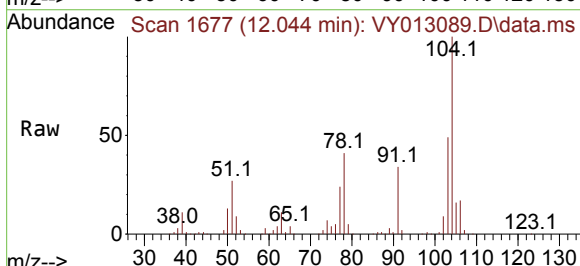
Tgt Ion:104 Resp: 69846

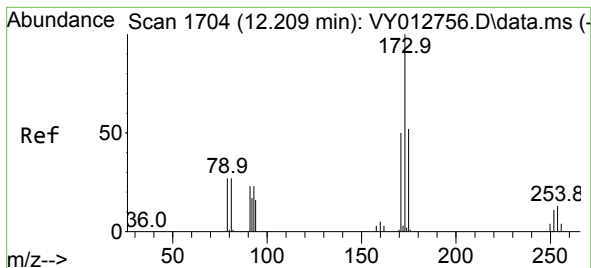
Ion Ratio Lower Upper

104 100

78 49.4 39.2 58.8

103 55.0 43.7 65.5





#71

Bromoform

Concen: 22.742 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

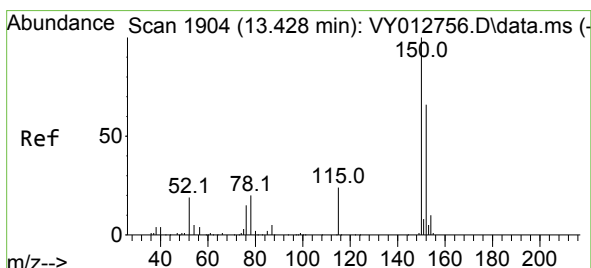
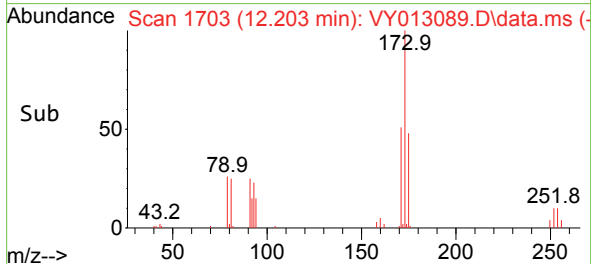
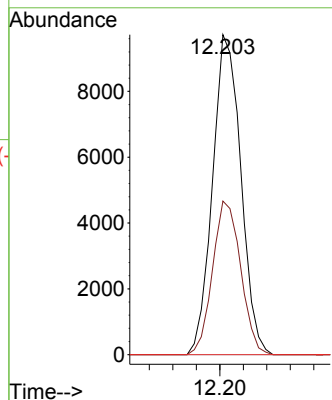
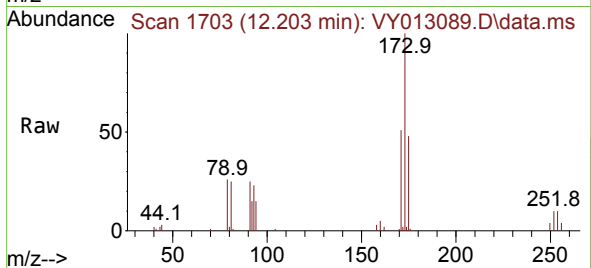
Tgt Ion:173 Resp: 16253

Ion Ratio Lower Upper

173 100

175 47.7 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: VY013089.D

Acq: 27 Mar 2023 14:09

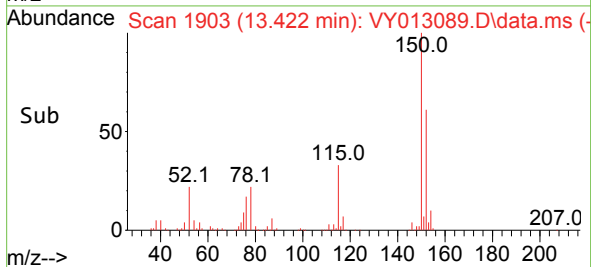
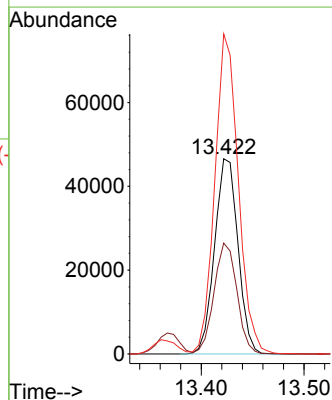
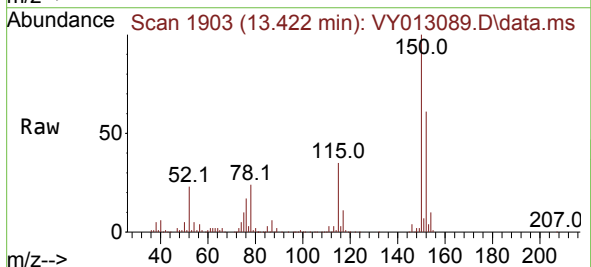
Tgt Ion:152 Resp: 73547

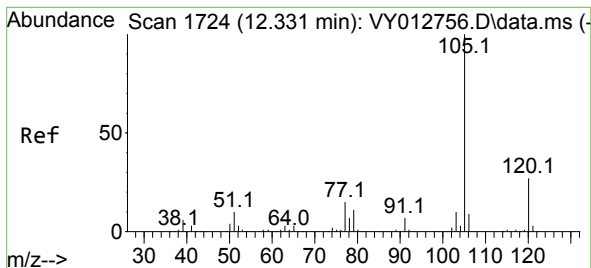
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 164.6 0.0 347.8





#73

Isopropylbenzene

Concen: 21.011 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

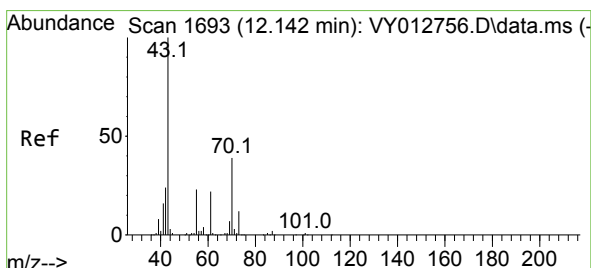
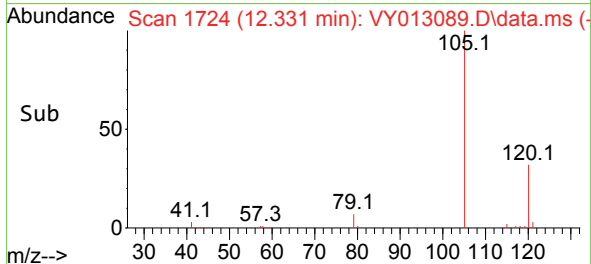
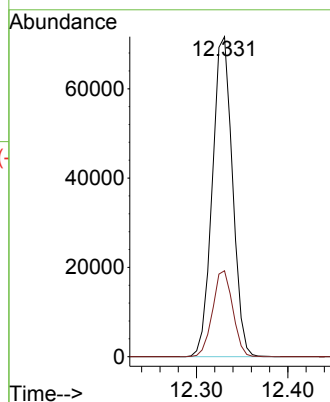
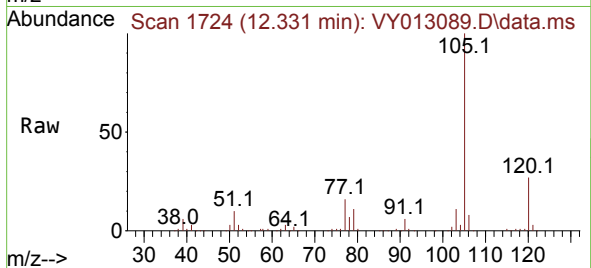
VY0327SBSD01

Tgt Ion:105 Resp: 109515

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 20.025 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Tgt Ion: 43 Resp: 32841

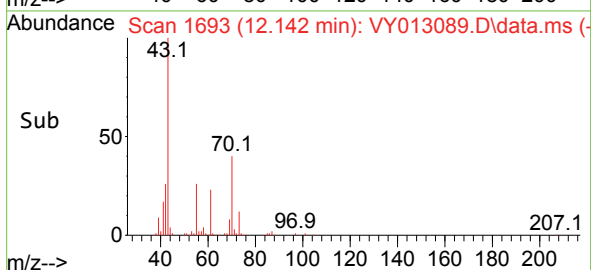
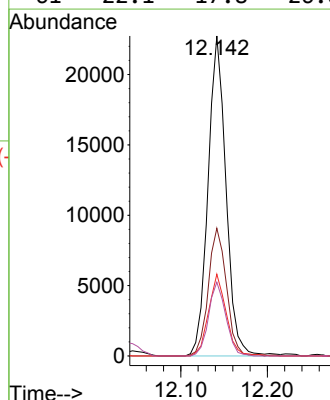
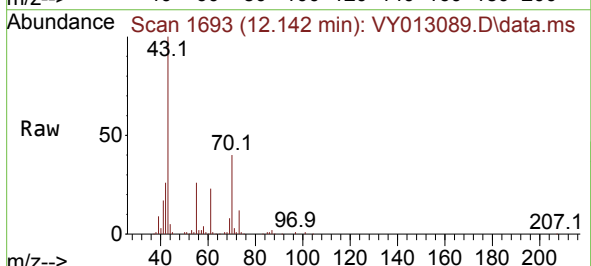
Ion Ratio Lower Upper

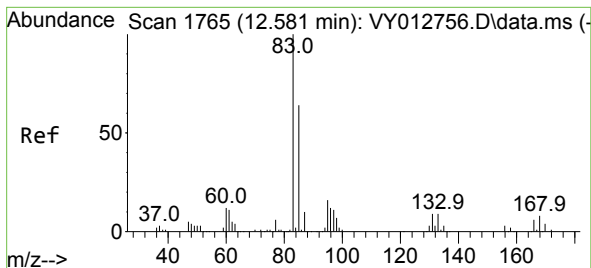
43 100

70 40.3 31.6 47.4

55 25.1 18.8 28.2

61 22.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.805 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

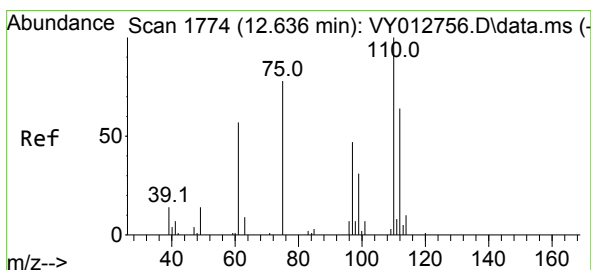
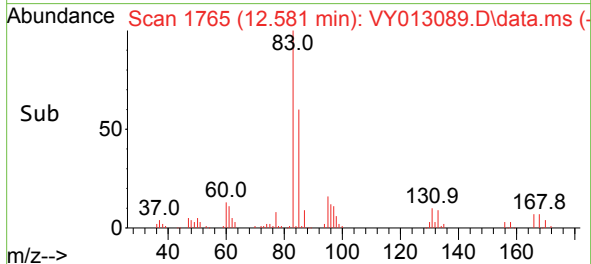
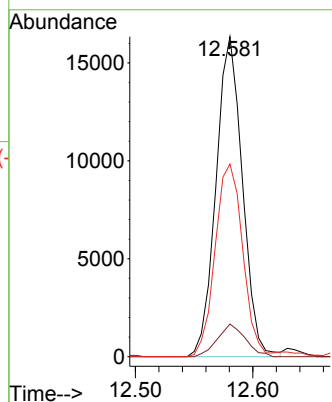
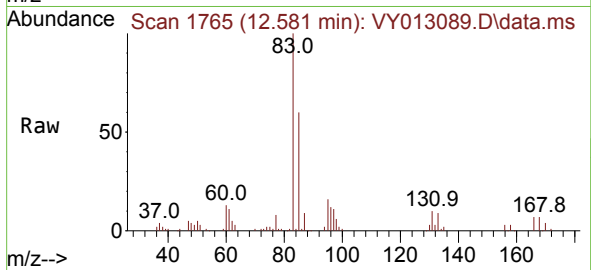
Tgt Ion: 83 Resp: 25549

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 62.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 36.607 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013089.D

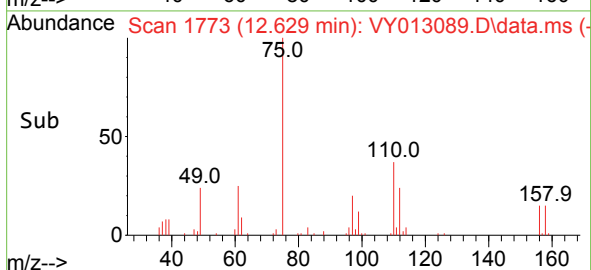
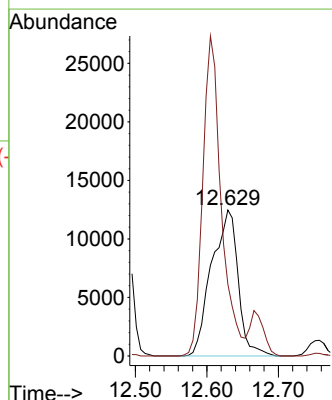
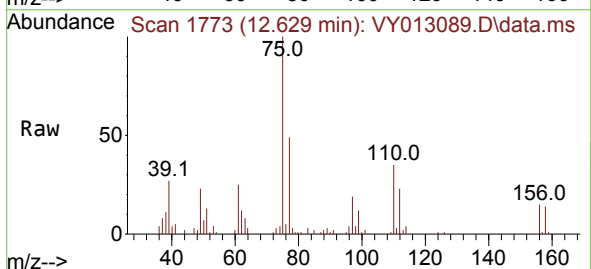
Acq: 27 Mar 2023 14:09

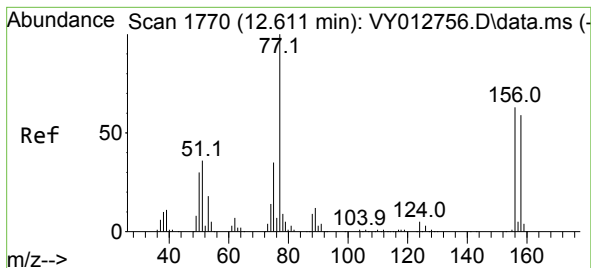
Tgt Ion: 75 Resp: 32151

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.943 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

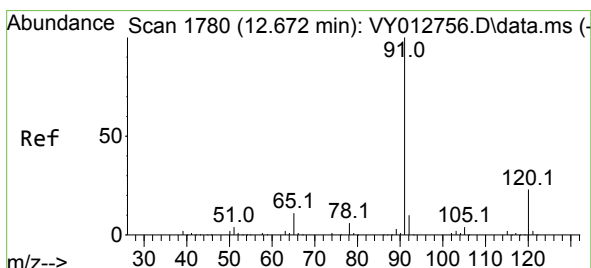
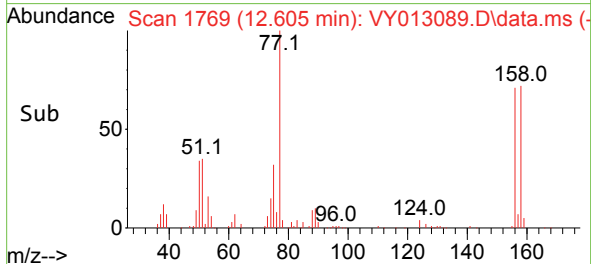
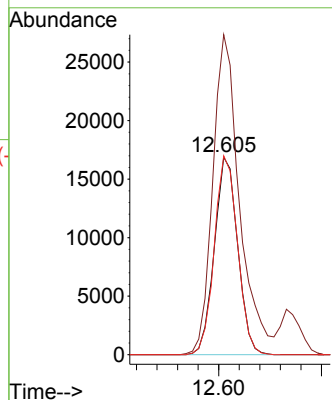
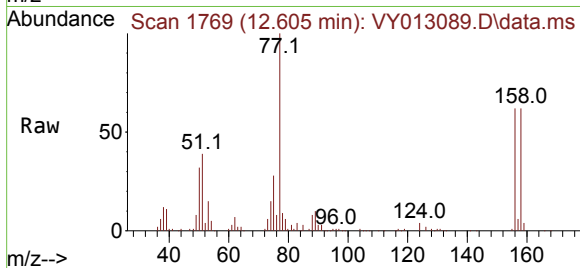
Tgt Ion:156 Resp: 26519

Ion Ratio Lower Upper

156 100

77 186.4 94.0 282.1

158 100.2 48.1 144.4



#78

n-propylbenzene

Concen: 21.347 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013089.D

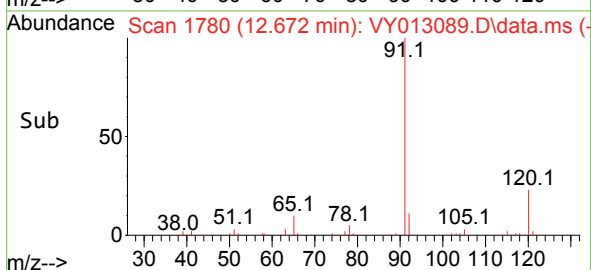
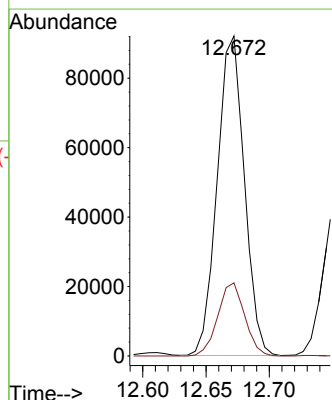
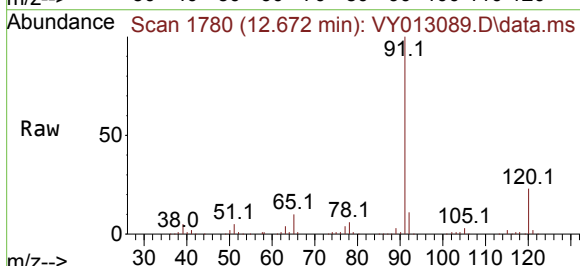
Acq: 27 Mar 2023 14:09

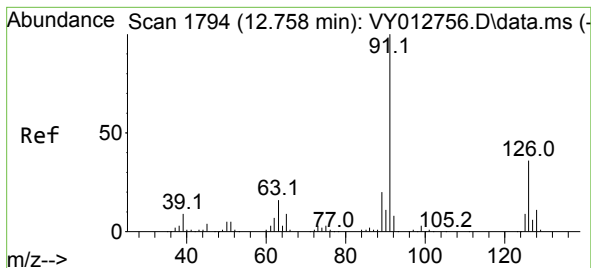
Tgt Ion: 91 Resp: 137178

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.307 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

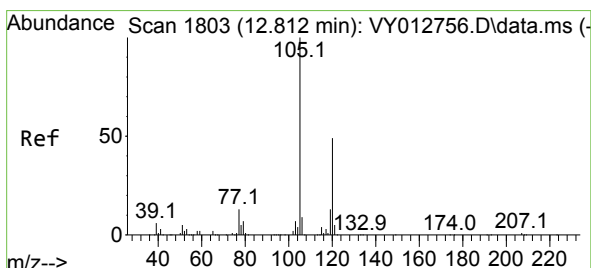
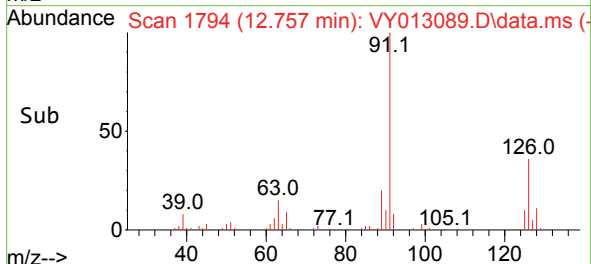
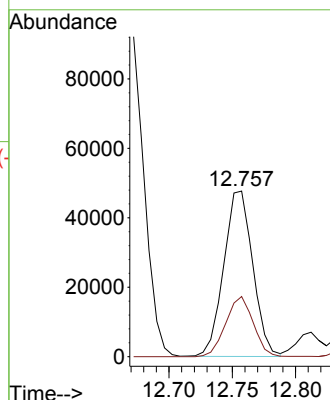
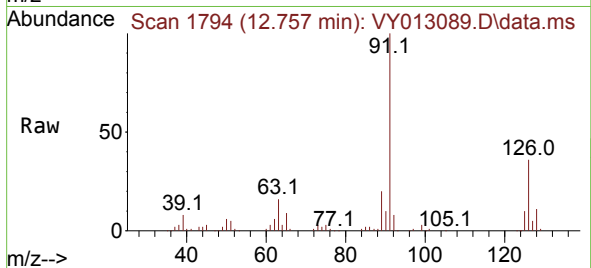
VY0327SBSD01

Tgt Ion: 91 Resp: 76099

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.167 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013089.D

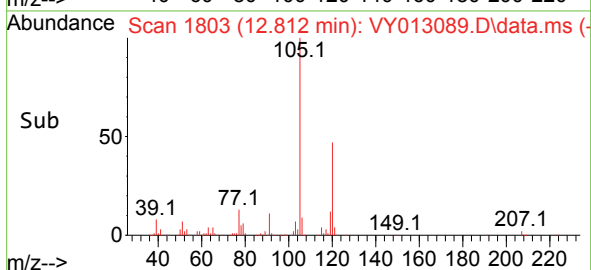
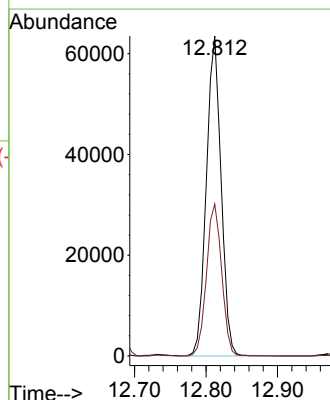
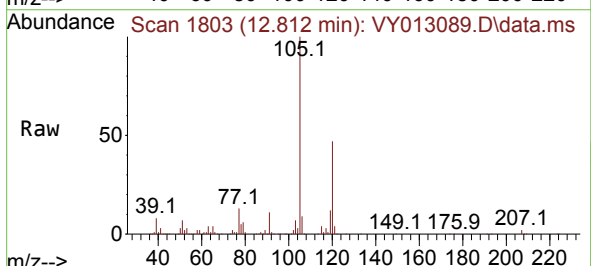
Acq: 27 Mar 2023 14:09

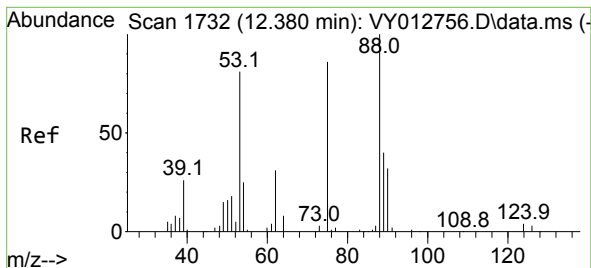
Tgt Ion:105 Resp: 91051

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

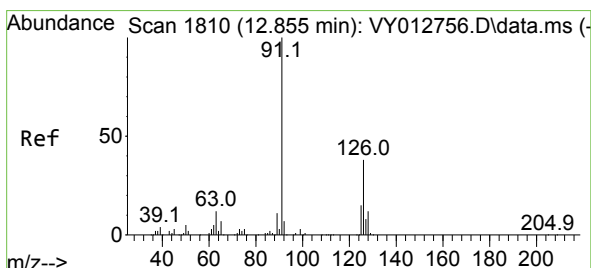
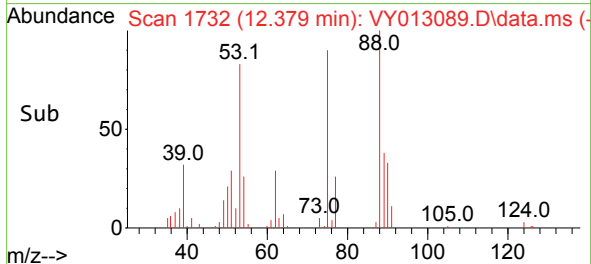
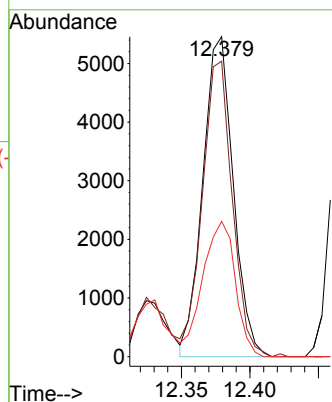
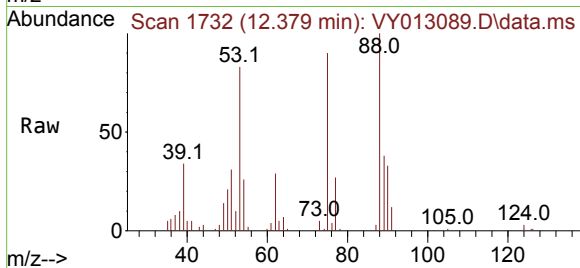




#81
trans-1,4-Dichloro-2-butene
Concen: 19.867 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

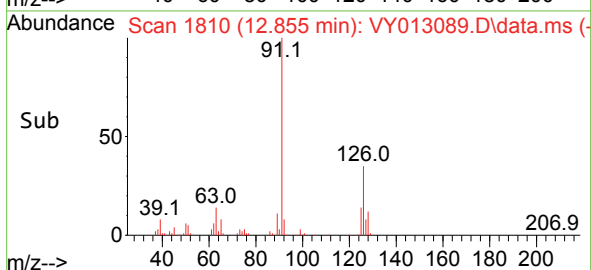
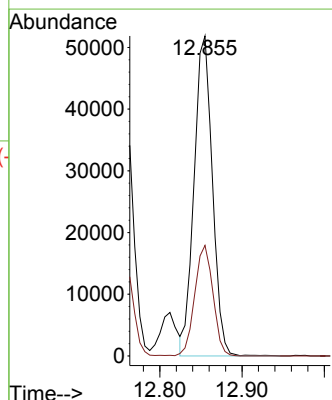
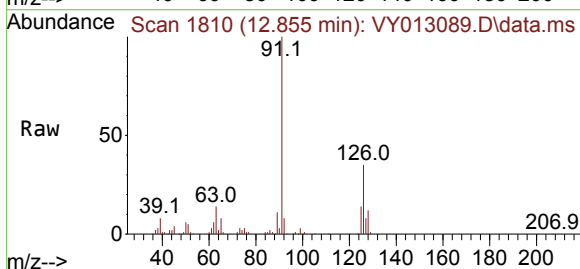
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

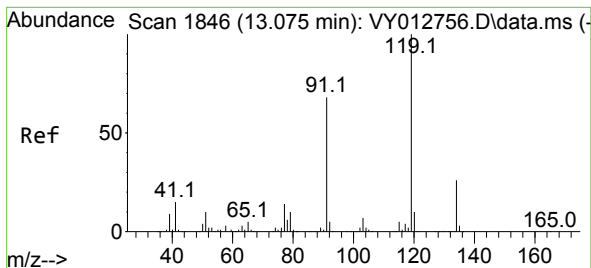
Tgt Ion:	75	Resp:	8421
Ion	Ratio	Lower	Upper
75	100		
53	90.8	73.4	110.0
89	45.3	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.700 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:	91	Resp:	80230
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.7	53.1





#83

tert-Butylbenzene

Concen: 21.207 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

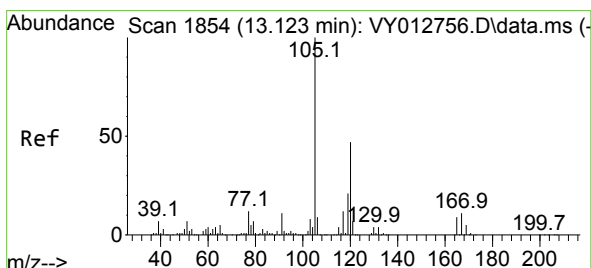
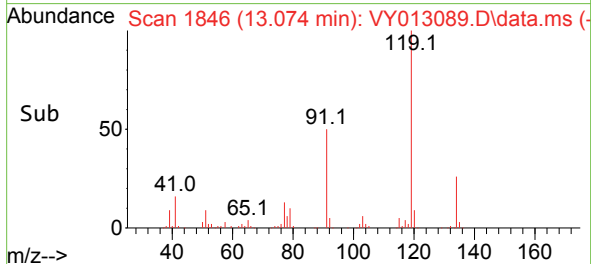
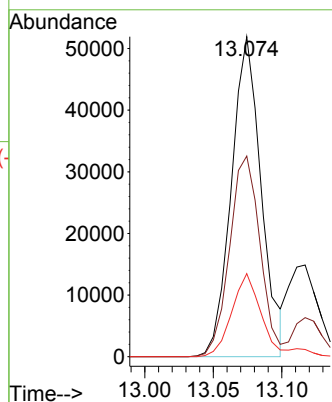
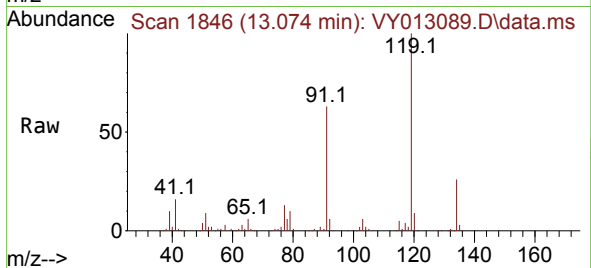
Tgt Ion:119 Resp: 78735

Ion Ratio Lower Upper

119 100

91 64.0 32.8 98.3

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.088 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013089.D

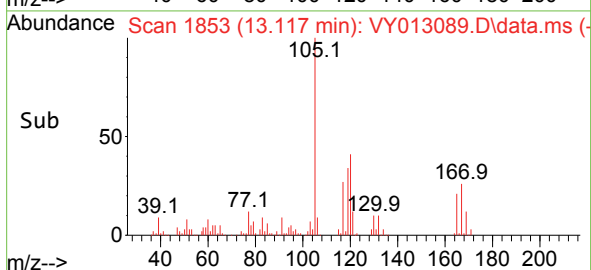
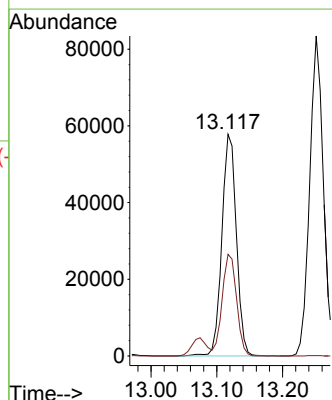
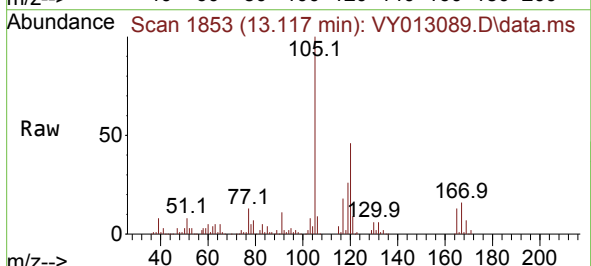
Acq: 27 Mar 2023 14:09

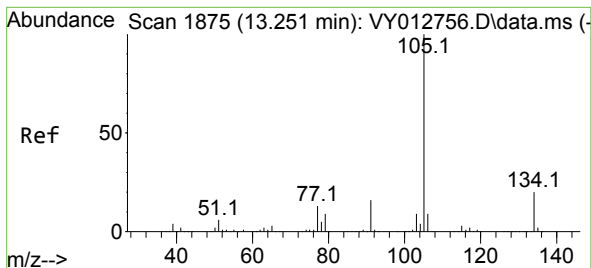
Tgt Ion:105 Resp: 88701

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.118 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

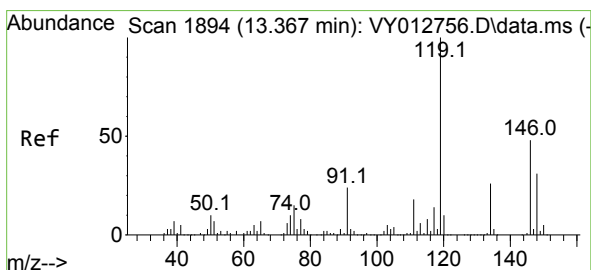
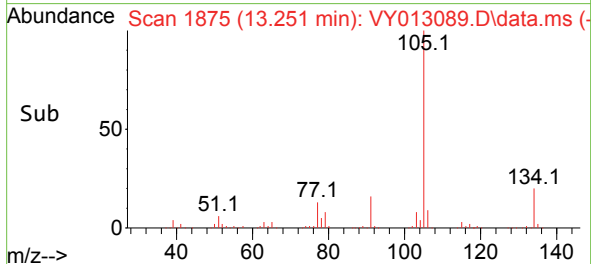
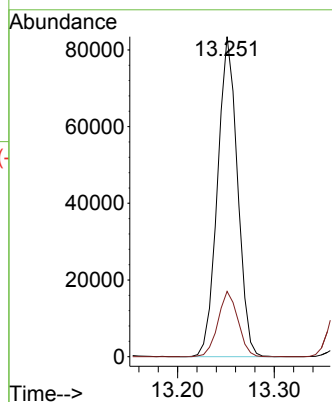
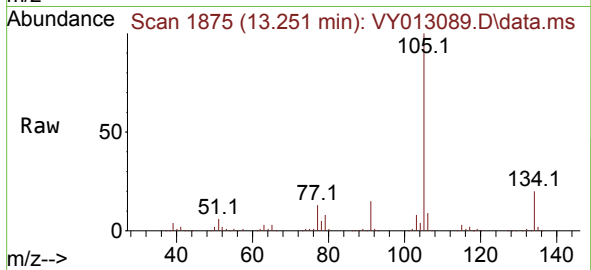
VY0327SBSD01

Tgt Ion:105 Resp: 119615

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.093 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

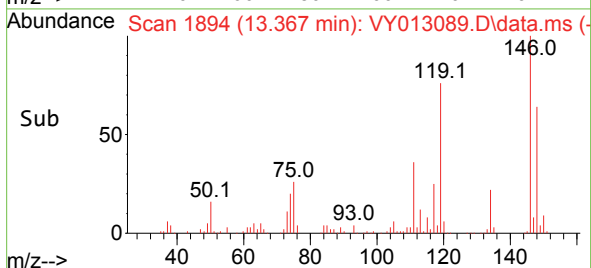
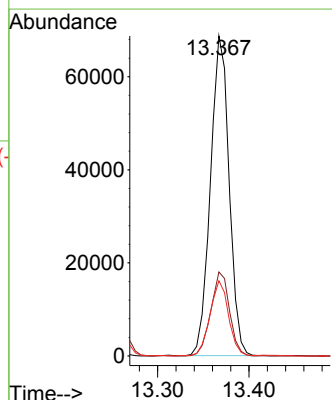
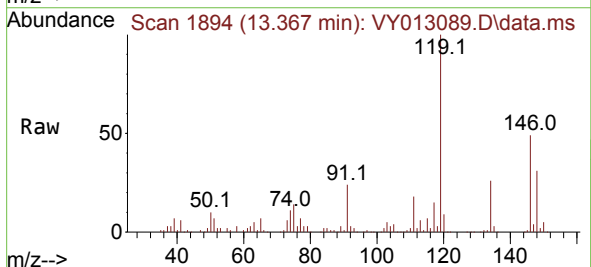
Tgt Ion:119 Resp: 97645

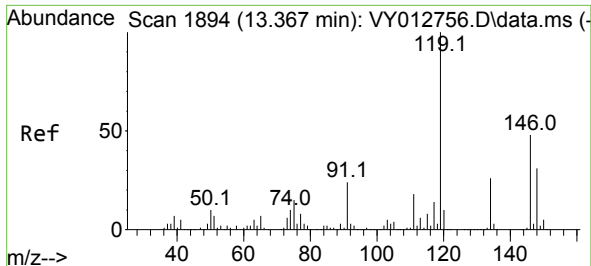
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.912 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

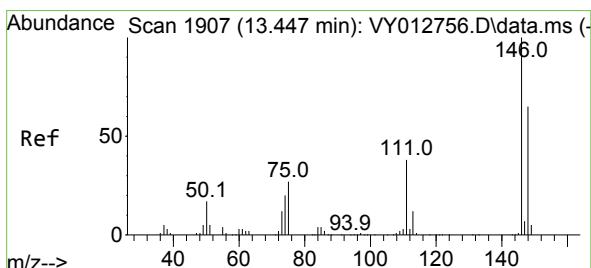
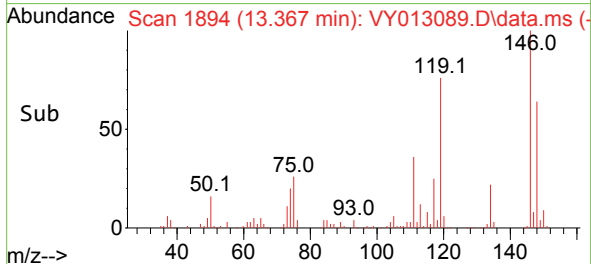
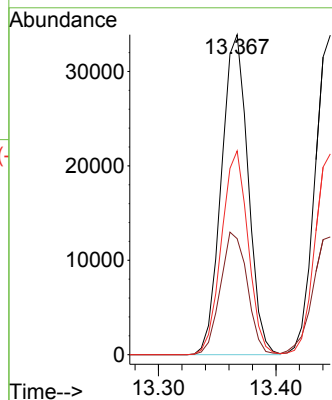
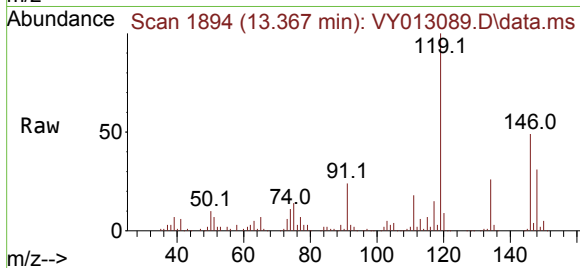
Tgt Ion:146 Resp: 53513

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.076 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

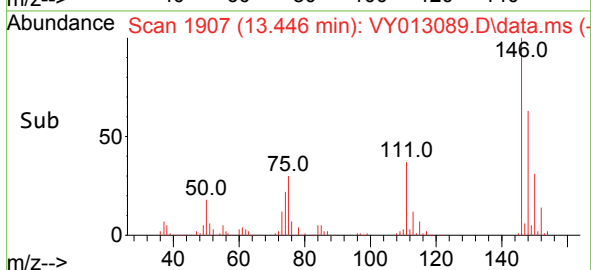
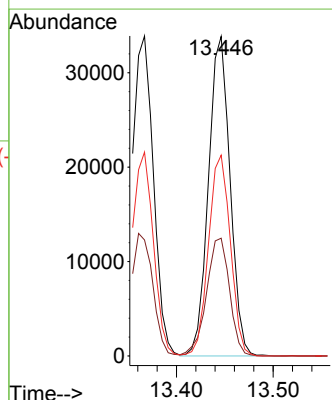
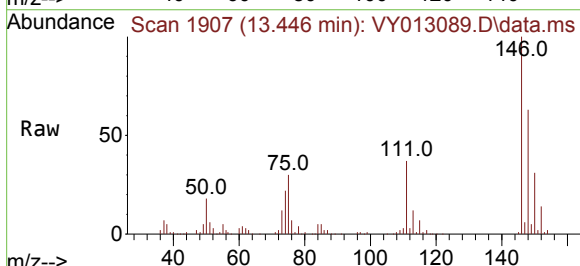
Tgt Ion:146 Resp: 52531

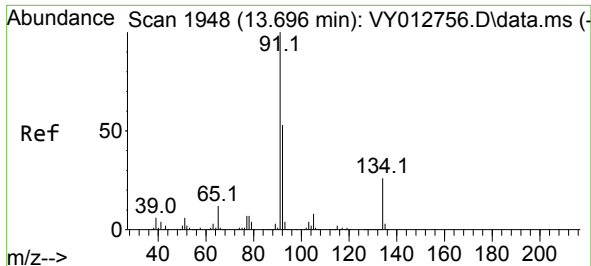
Ion Ratio Lower Upper

146 100

111 39.4 18.6 55.8

148 63.7 31.5 94.5

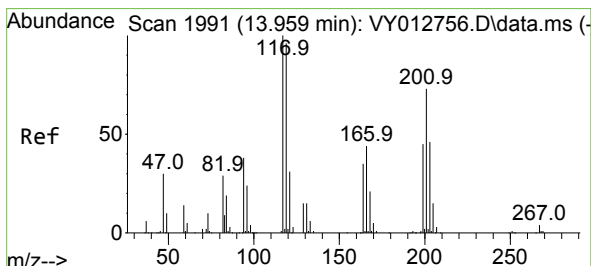
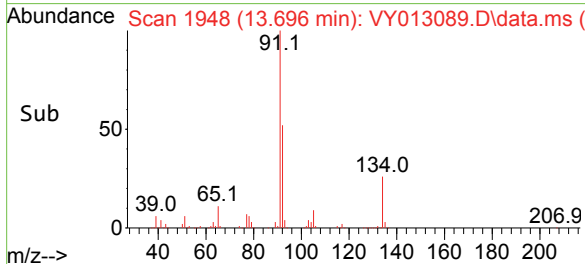
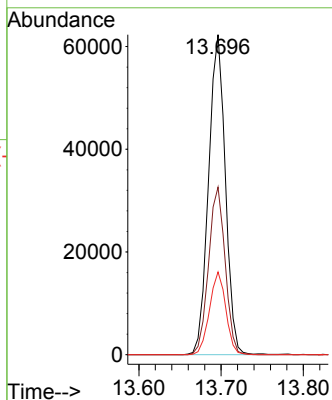
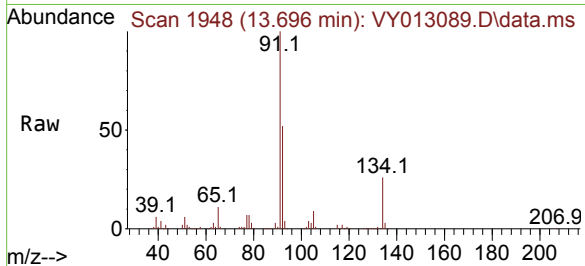




#89
n-Butylbenzene
Concen: 19.946 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

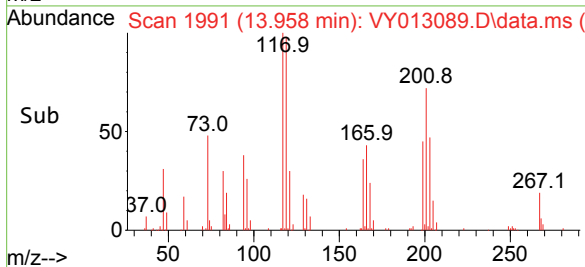
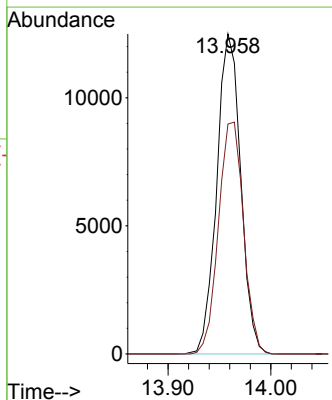
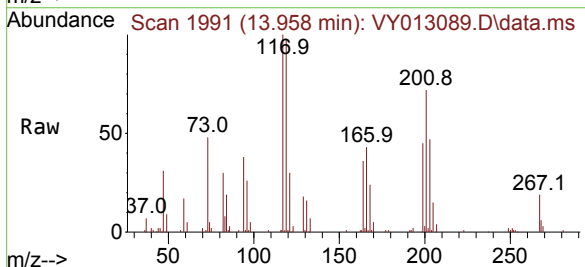
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

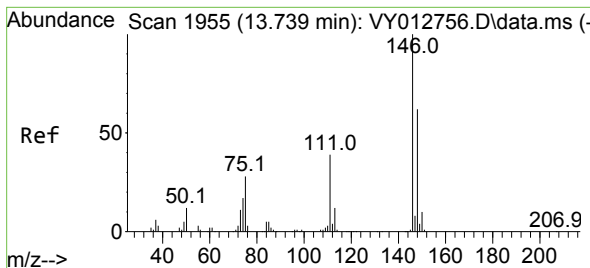
Tgt Ion:	91	Resp:	88391
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.0
134	25.2	13.0	38.9



#90
Hexachloroethane
Concen: 20.934 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013089.D
Acq: 27 Mar 2023 14:09

Tgt Ion:	117	Resp:	20184
Ion	Ratio	Lower	Upper
117	100		
201	75.7	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 20.533 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

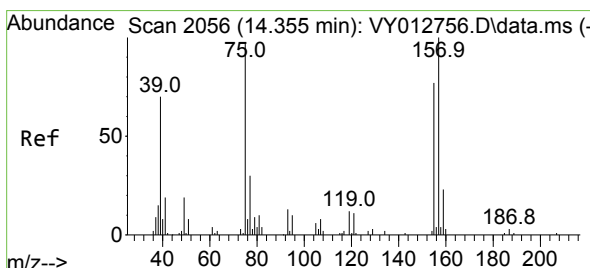
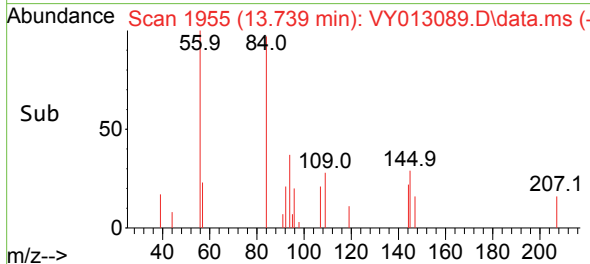
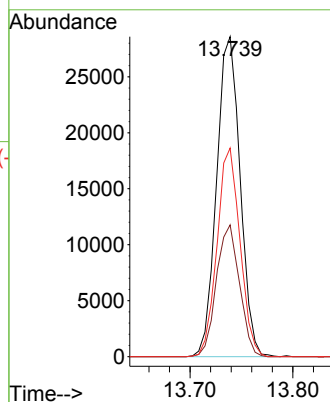
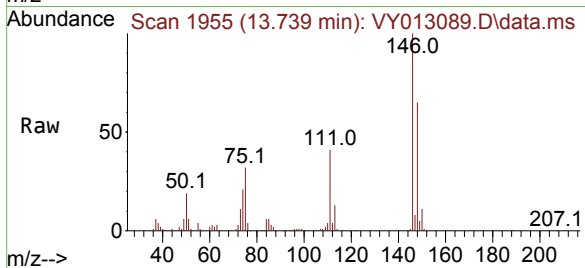
Tgt Ion:146 Resp: 45329

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

148 63.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.738 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

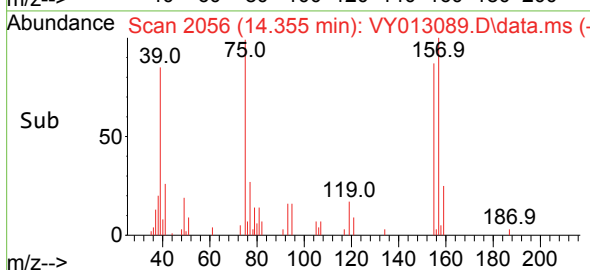
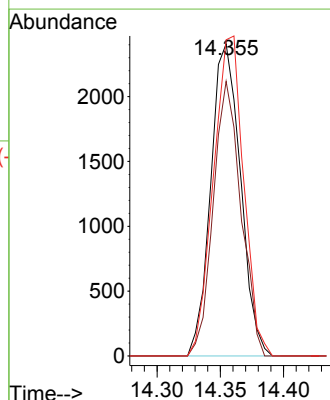
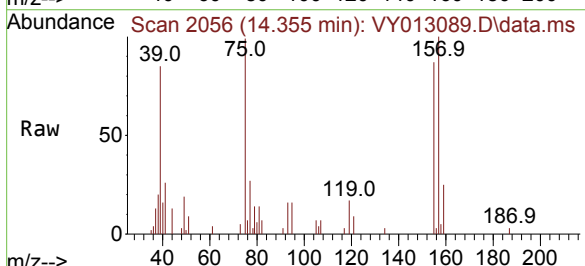
Tgt Ion: 75 Resp: 3927

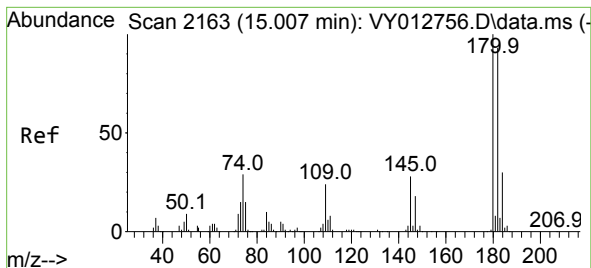
Ion Ratio Lower Upper

75 100

155 82.1 43.8 131.4

157 104.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.043 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

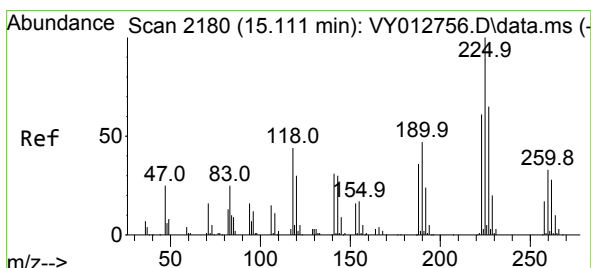
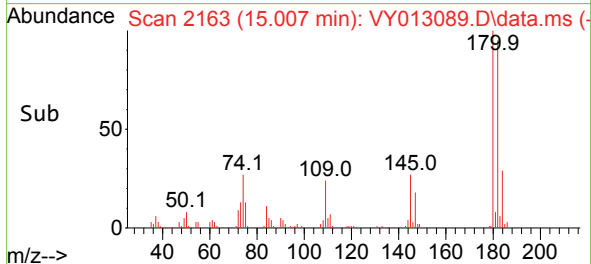
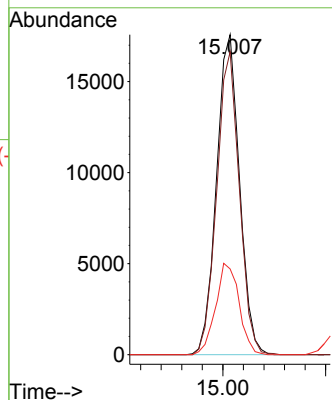
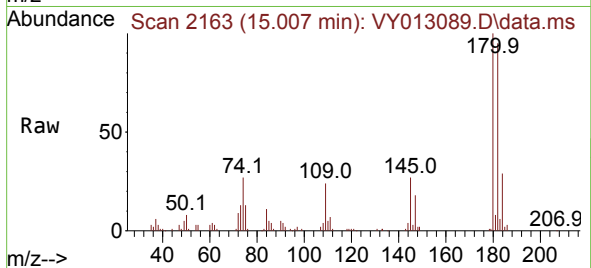
Tgt Ion:180 Resp: 27243

Ion Ratio Lower Upper

180 100

182 93.1 46.7 140.1

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.899 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

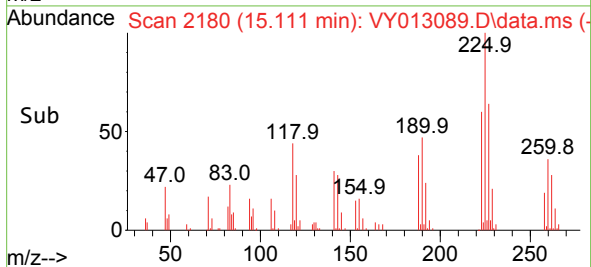
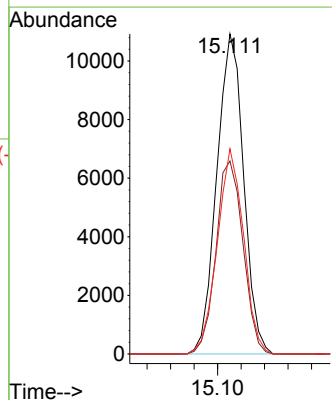
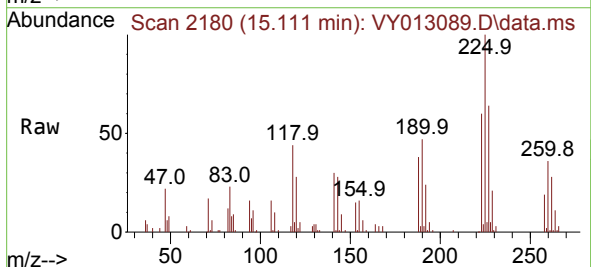
Tgt Ion:225 Resp: 17326

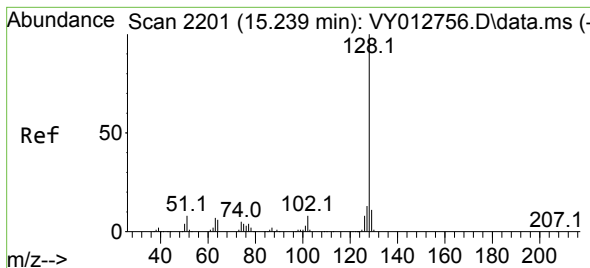
Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.3

227 62.8 32.4 97.0





#95

Naphthalene

Concen: 18.381 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

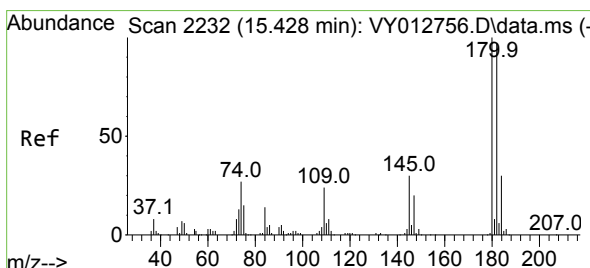
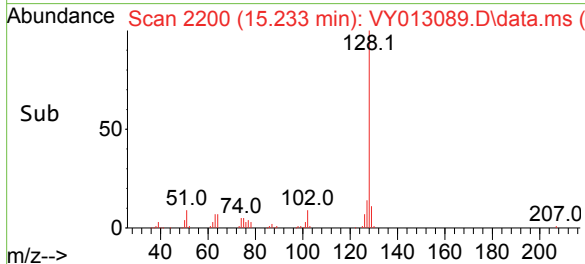
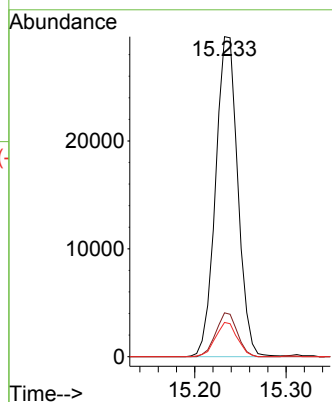
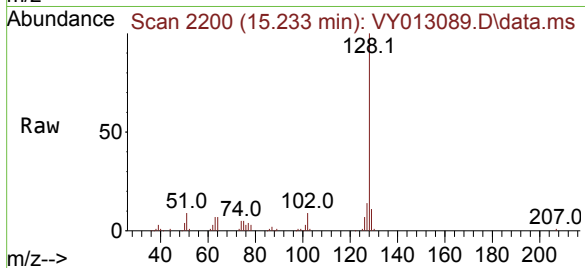
Tgt Ion:128 Resp: 50067

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.538 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013089.D

Acq: 27 Mar 2023 14:09

Tgt Ion:180 Resp: 23619

Ion Ratio Lower Upper

180 100

182 97.5 47.4 142.3

145 31.2 15.3 45.8

