

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012889.D
 Acq On : 09 Mar 2023 11:20
 Operator : KP/MD
 Sample : VY0309SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Quant Time: Mar 10 00:27:38 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	107701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48919	45.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.716	113	47273	48.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.179	98	163047	45.286	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.580%
62) 4-Bromofluorobenzene	12.483	95	56873	46.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23690	22.316	ug/l	99
3) Chloromethane	2.113	50	25920	20.424	ug/l	98
4) Vinyl Chloride	2.253	62	25169	21.628	ug/l	100
5) Bromomethane	2.643	94	14836	20.981	ug/l	92
6) Chloroethane	2.790	64	15139	21.722	ug/l	97
7) Trichlorofluoromethane	3.125	101	42151	21.808	ug/l	99
8) Diethyl Ether	3.534	74	14857	21.935	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	25046	21.538	ug/l	98
10) Methyl Iodide	4.088	142	31617	20.867	ug/l	99
11) Tert butyl alcohol	4.954	59	16577	124.696	ug/l	96
12) 1,1-Dichloroethene	3.875	96	24599	22.180	ug/l	90
13) Acrolein	3.729	56	17683	94.387	ug/l	100
14) Allyl chloride	4.478	41	41416	20.216	ug/l	97
15) Acrylonitrile	5.161	53	38449	107.734	ug/l	99
16) Acetone	3.948	43	42354	100.910	ug/l	100
17) Carbon Disulfide	4.192	76	77353	20.490	ug/l	100
18) Methyl Acetate	4.478	43	26071	20.858	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	62307	21.750	ug/l	98
20) Methylene Chloride	4.716	84	31423	21.468	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	25150	20.867	ug/l	99
22) Diisopropyl ether	6.112	45	79479	21.360	ug/l	92
23) Vinyl Acetate	6.057	43	245062	105.995	ug/l	97
24) 1,1-Dichloroethane	6.021	63	45193	21.314	ug/l	99
25) 2-Butanone	6.984	43	56092	107.898	ug/l	98
26) 2,2-Dichloropropane	6.984	77	40279	21.389	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	27838	21.544	ug/l	100
28) Bromochloromethane	7.332	49	16559	21.370	ug/l	93
29) Tetrahydrofuran	7.344	42	34370	109.620	ug/l	98
30) Chloroform	7.508	83	45902	21.917	ug/l	99
31) Cyclohexane	7.789	56	40760	19.903	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	40761	21.521	ug/l	98
36) 1,1-Dichloropropene	7.917	75	35318	21.400	ug/l	99
37) Ethyl Acetate	7.076	43	22756	21.876	ug/l	99
38) Carbon Tetrachloride	7.899	117	38855	22.798	ug/l	95
39) Methylcyclohexane	9.185	83	41081	20.937	ug/l	98
40) Benzene	8.161	78	102855	22.032	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	31643	56.461	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	31754	22.624	ug/l	100
43) Isopropyl Acetate	8.270	43	40115	21.615	ug/l	98
44) Trichloroethene	8.941	130	27749	22.544	ug/l	98
45) 1,2-Dichloropropane	9.215	63	25784	21.854	ug/l	94
46) Dibromomethane	9.307	93	15244	22.679	ug/l	96
47) Bromodichloromethane	9.496	83	35766	22.580	ug/l	100
48) Methyl methacrylate	9.289	41	18442	21.566	ug/l	94
49) 1,4-Dioxane	9.301	88	4240	487.953	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	114323	113.564	ug/l	99
52) Toluene	10.246	92	63272	22.473	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	36919	22.221	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	41691	22.170	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	21635	23.112	ug/l	93
56) Ethyl methacrylate	10.508	69	27590	22.104	ug/l	98
57) 1,3-Dichloropropane	10.788	76	35647	22.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	71513	109.141	ug/l	99
59) 2-Hexanone	10.831	43	82762	113.118	ug/l	100
60) Dibromochloromethane	10.983	129	26069	22.878	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20773	23.037	ug/l	98
64) Tetrachloroethene	10.721	164	23769	22.285	ug/l	97
65) Chlorobenzene	11.514	112	67538	21.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	25229	22.176	ug/l	99
67) Ethyl Benzene	11.593	91	117748	21.783	ug/l	99
68) m/p-Xylenes	11.703	106	91799	44.145	ug/l	99
69) o-Xylene	12.032	106	42596	21.948	ug/l	99
70) Styrene	12.044	104	73016	22.545	ug/l	100
71) Bromoform	12.209	173	17208	23.198	ug/l #	96
73) Isopropylbenzene	12.331	105	113571	21.331	ug/l	100
74) N-amyl acetate	12.142	43	34902	20.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	26257	21.939	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	33589	37.442	ug/l #	100
77) Bromobenzene	12.605	156	28086	21.715	ug/l	97
78) n-propylbenzene	12.672	91	141707	21.588	ug/l	100
79) 2-Chlorotoluene	12.757	91	78706	21.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	94780	21.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9552	22.062	ug/l	97
82) 4-Chlorotoluene	12.855	91	83250	22.045	ug/l	100
83) tert-Butylbenzene	13.074	119	81400	21.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	93491	21.760	ug/l	99
85) sec-Butylbenzene	13.251	105	123756	21.391	ug/l	100
86) p-Isopropyltoluene	13.367	119	101914	21.554	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54675	21.918	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	54919	21.571	ug/l	99
89) n-Butylbenzene	13.696	91	94615	20.902	ug/l	99
90) Hexachloroethane	13.958	117	21089	21.414	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	48552	21.531	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4445	22.981	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	28458	20.497	ug/l	99
94) Hexachlorobutadiene	15.111	225	17801	21.021	ug/l	96
95) Naphthalene	15.239	128	55991	20.124	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	25331	20.514	ug/l	99

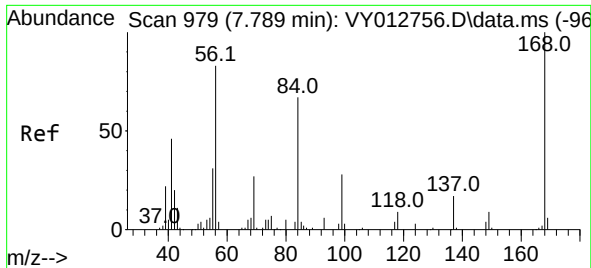
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
Data File : VY012889.D
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Response via : Initial Calibration

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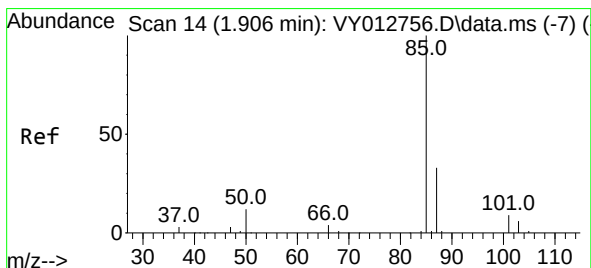
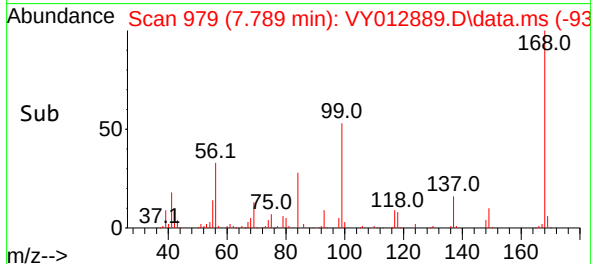
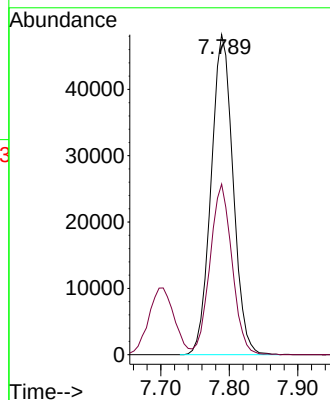
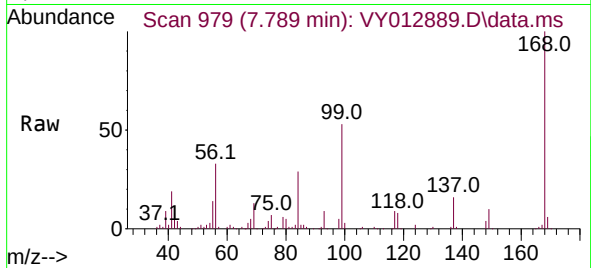
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

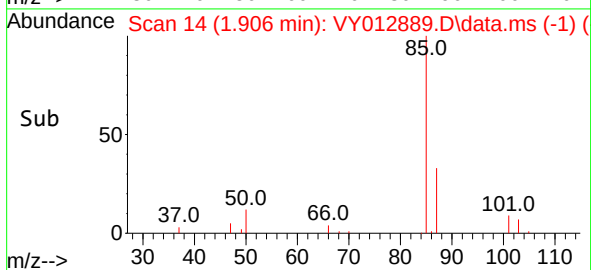
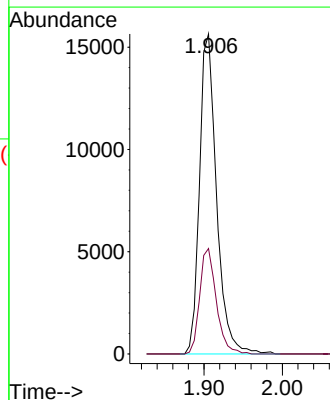
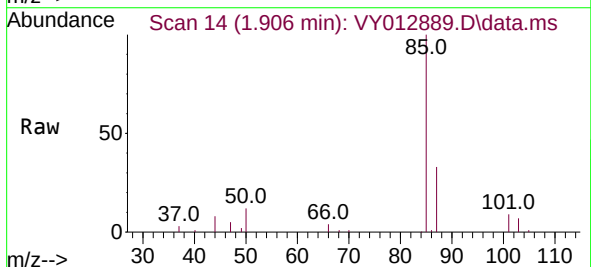
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

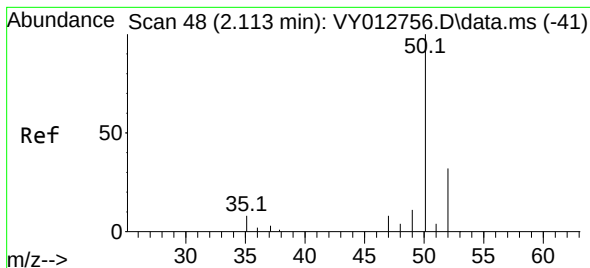
Tgt Ion:168 Resp: 107701
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 22.316 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 85 Resp: 23690
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0





#3

Chloromethane

Concen: 20.424 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

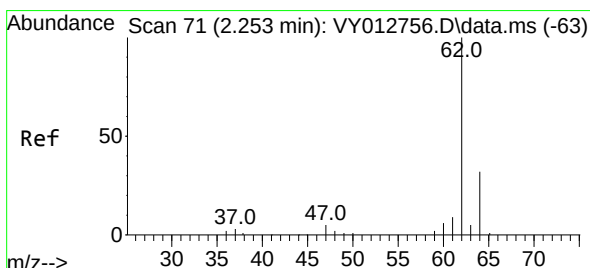
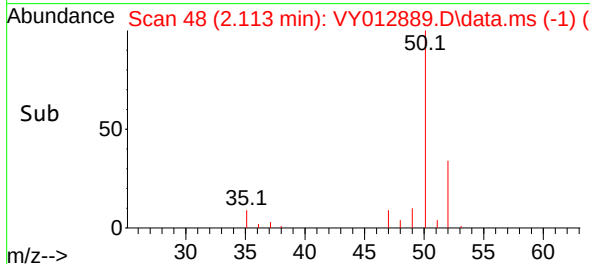
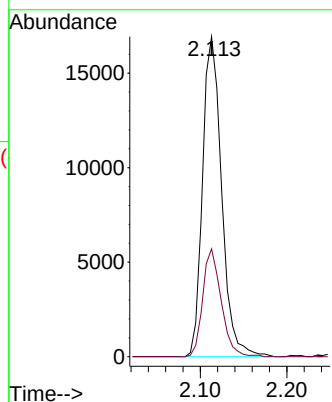
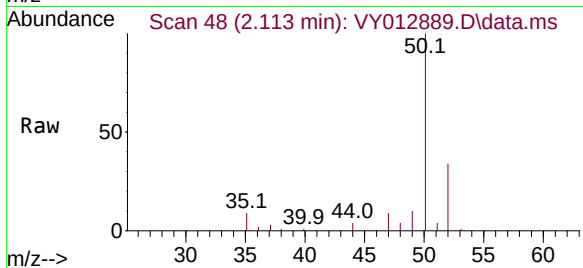
VY0309SBS01

Tgt Ion: 50 Resp: 25920

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 21.628 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012889.D

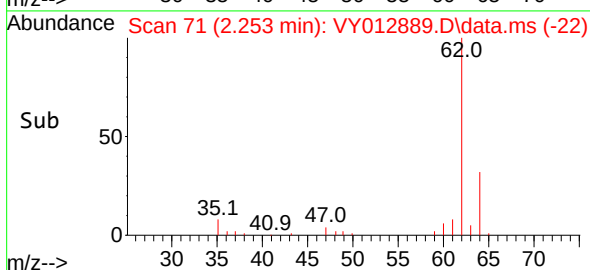
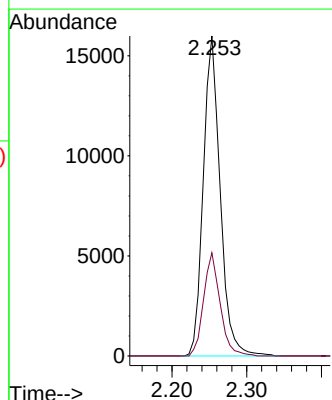
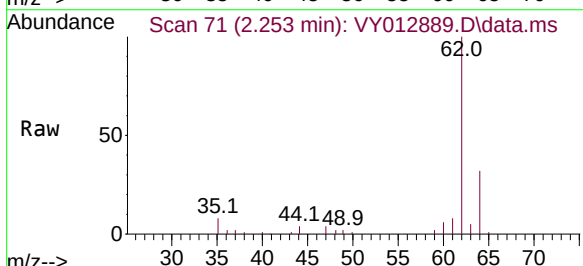
Acq: 09 Mar 2023 11:20

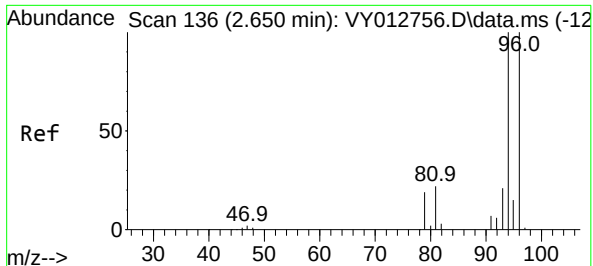
Tgt Ion: 62 Resp: 25169

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 20.981 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

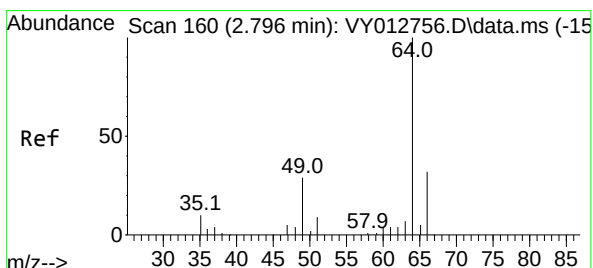
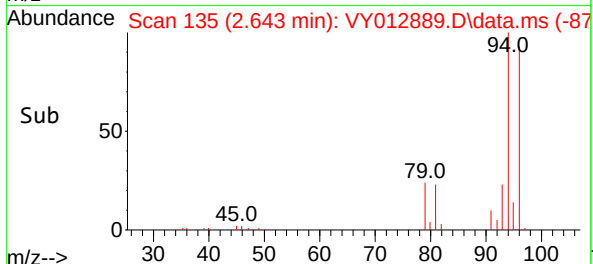
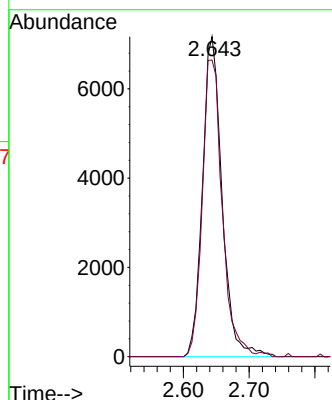
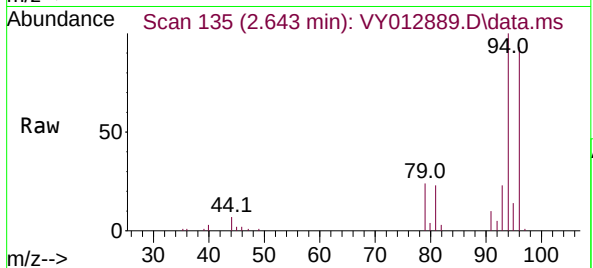
VY0309SBS01

Tgt Ion: 94 Resp: 14836

Ion Ratio Lower Upper

94 100

96 92.7 80.3 120.5



#6

Chloroethane

Concen: 21.722 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012889.D

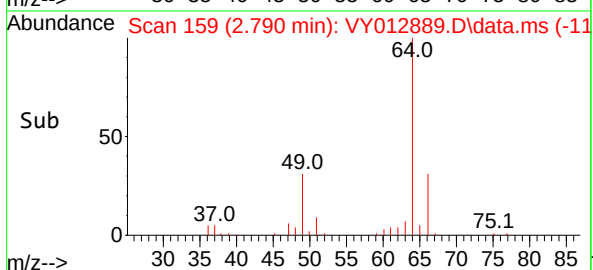
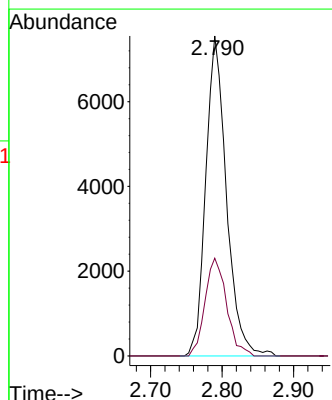
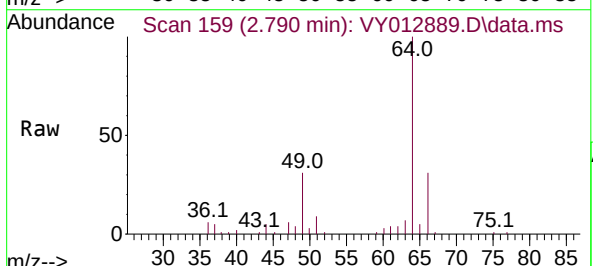
Acq: 09 Mar 2023 11:20

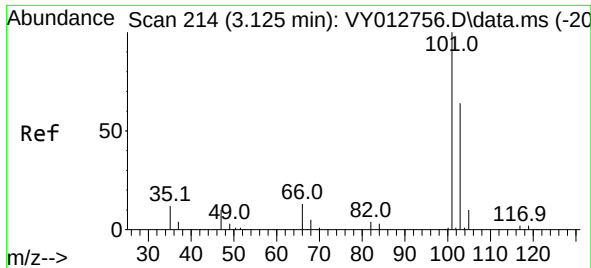
Tgt Ion: 64 Resp: 15139

Ion Ratio Lower Upper

64 100

66 30.6 25.7 38.5

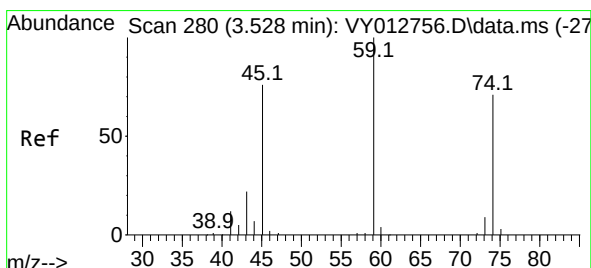
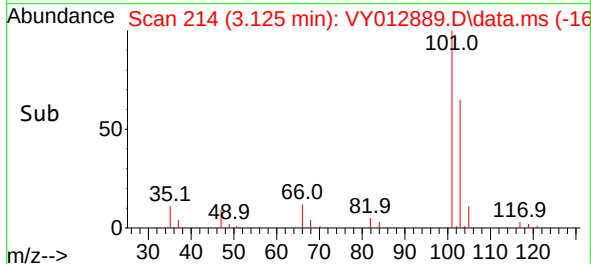
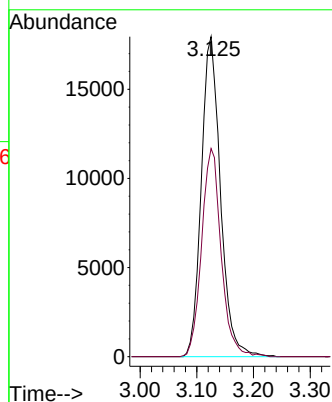
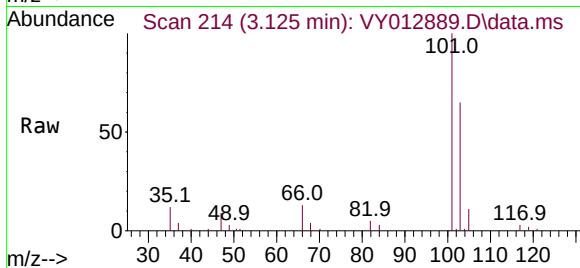




#7
Trichlorofluoromethane
Concen: 21.808 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

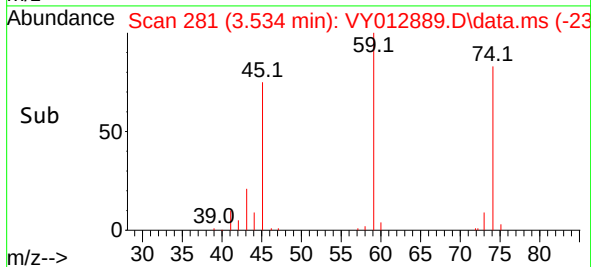
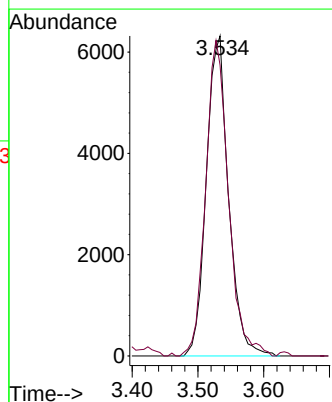
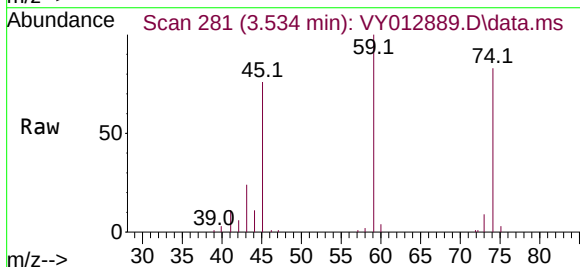
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

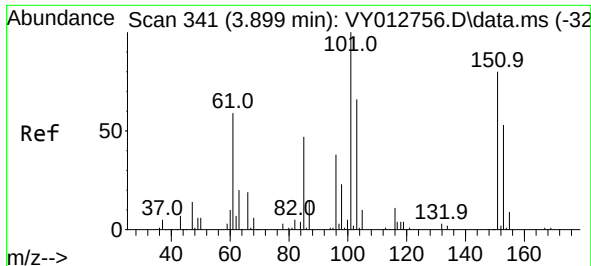
Tgt Ion:101 Resp: 42151
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3



#8
Diethyl Ether
Concen: 21.935 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 74 Resp: 14857
Ion Ratio Lower Upper
74 100
45 101.2 52.1 156.4

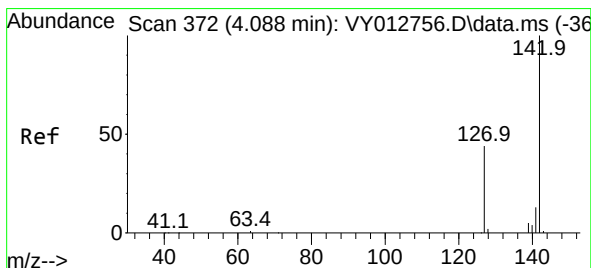
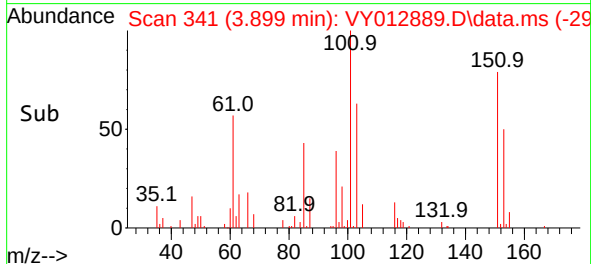
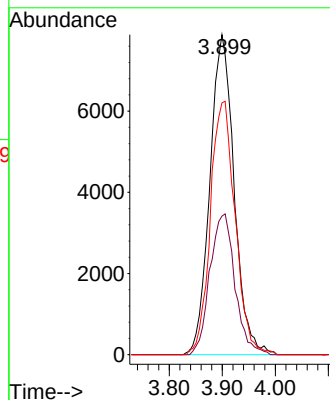
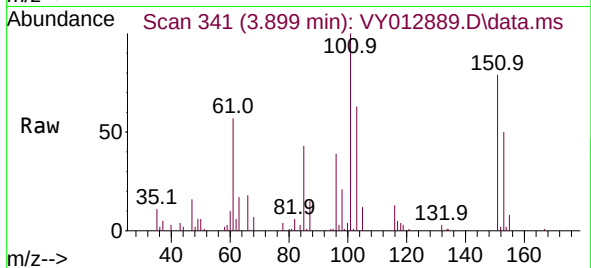




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.538 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

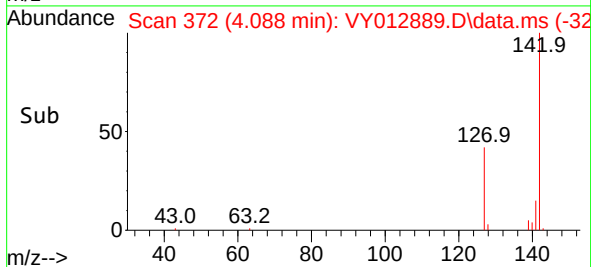
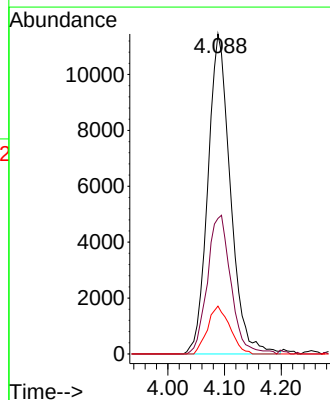
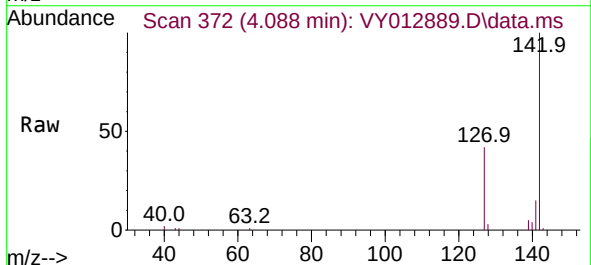
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

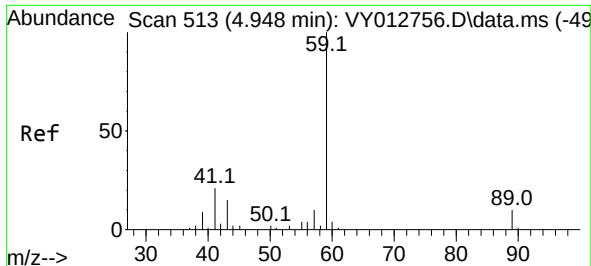
Tgt Ion:101 Resp: 25046
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.3 52.9
 151 81.0 63.1 94.7



#10
 Methyl Iodide
 Concen: 20.867 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

Tgt Ion:142 Resp: 31617
 Ion Ratio Lower Upper
 142 100
 127 45.3 35.4 53.2
 141 14.7 11.3 16.9

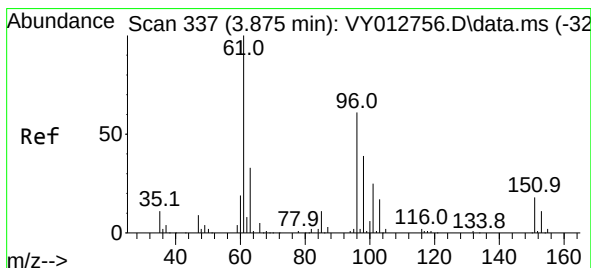
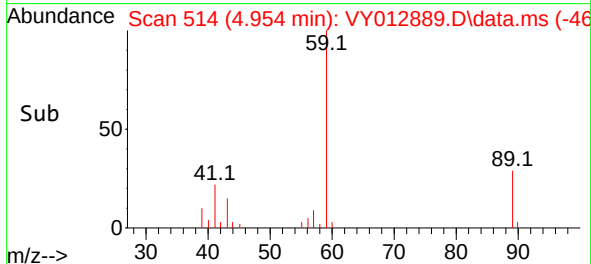
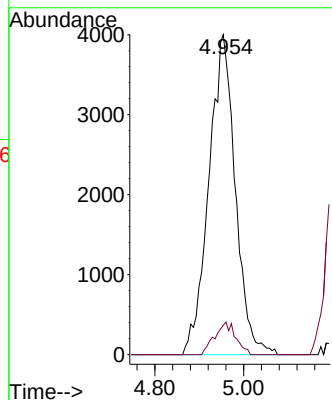
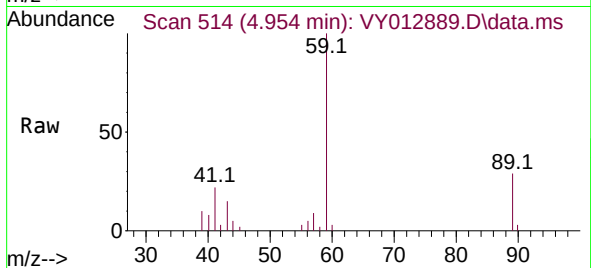




#11
Tert butyl alcohol
Concen: 124.696 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

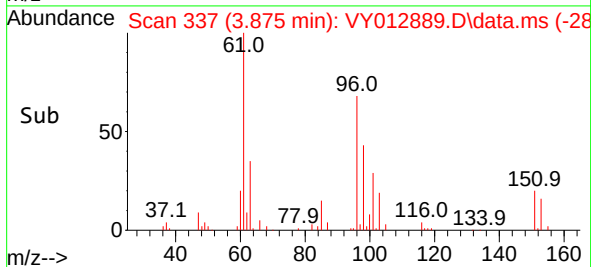
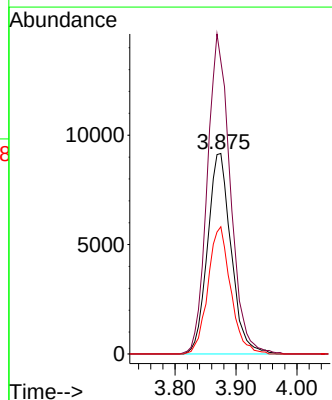
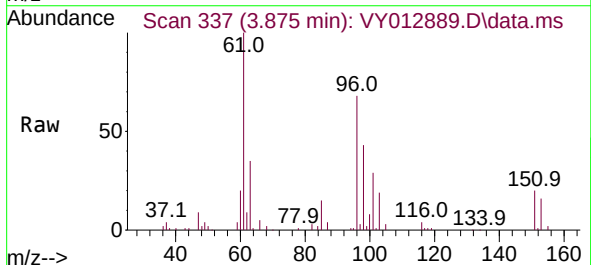
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

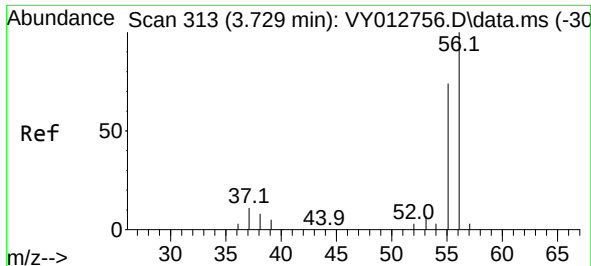
Tgt Ion: 59 Resp: 16577
Ion Ratio Lower Upper
59 100
57 8.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 22.180 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 96 Resp: 24599
Ion Ratio Lower Upper
96 100
61 146.0 131.7 197.5
98 63.4 52.0 78.0





#13

Acrolein

Concen: 94.387 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

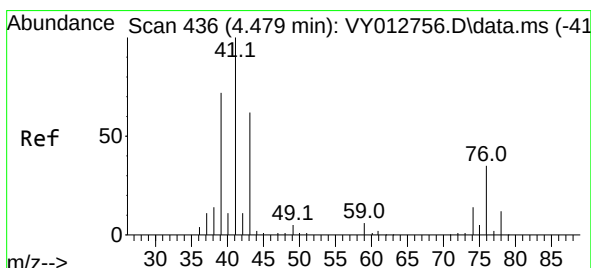
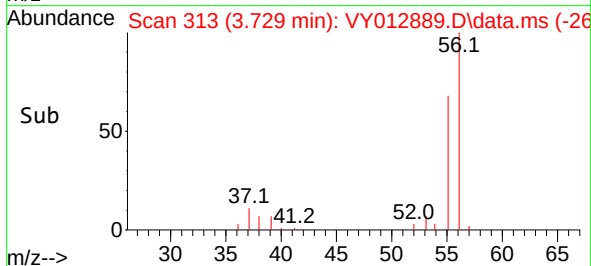
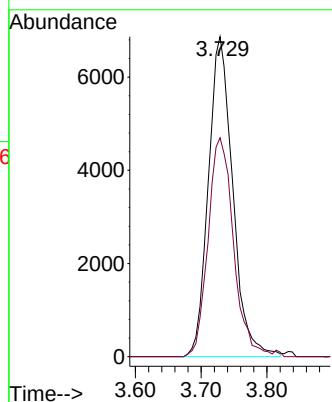
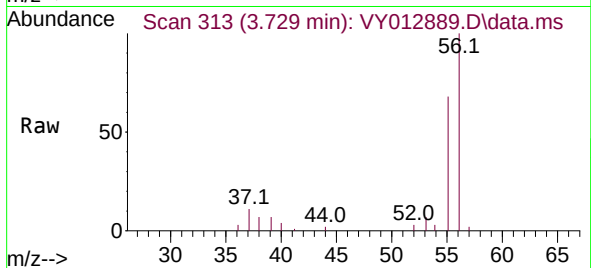
VY0309SBS01

Tgt Ion: 56 Resp: 17683

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



#14

Allyl chloride

Concen: 20.216 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

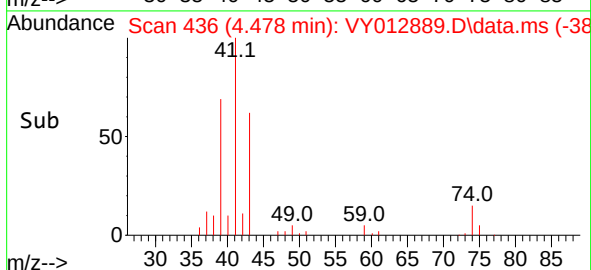
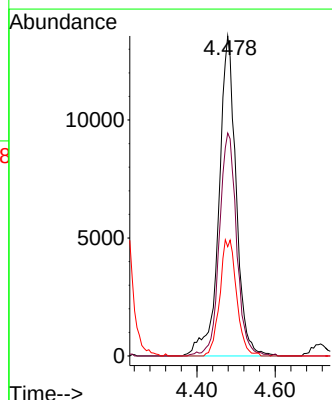
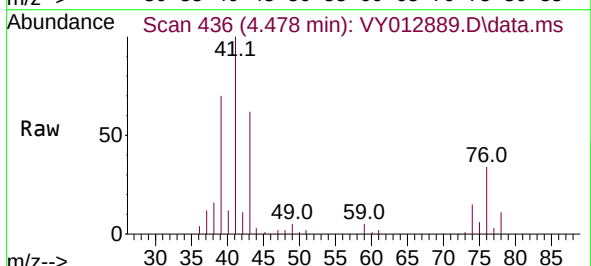
Tgt Ion: 41 Resp: 41416

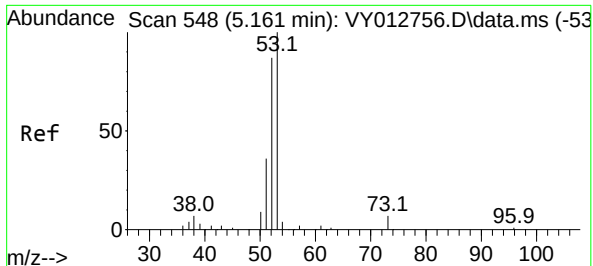
Ion Ratio Lower Upper

41 100

39 69.7 53.6 80.4

76 35.5 27.2 40.8

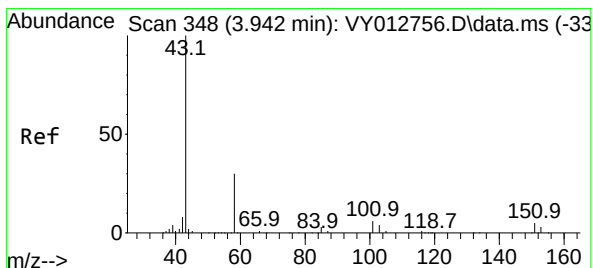
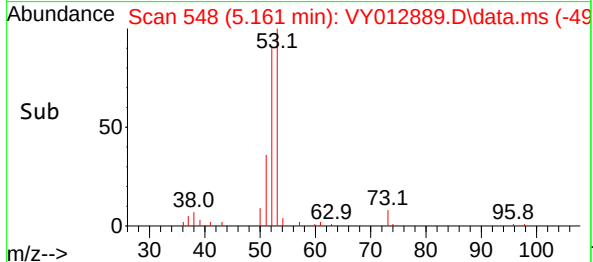
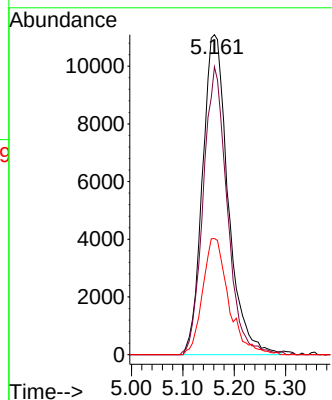
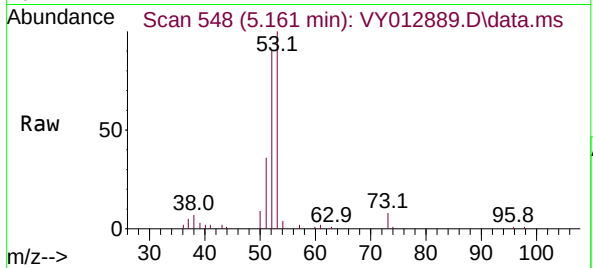




#15
Acrylonitrile
Concen: 107.734 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

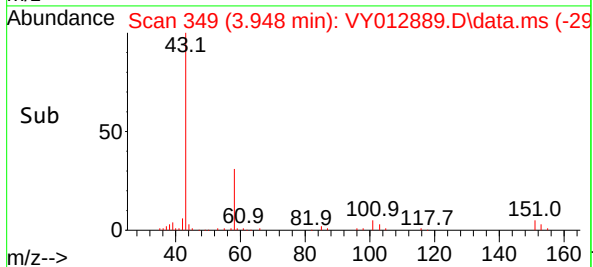
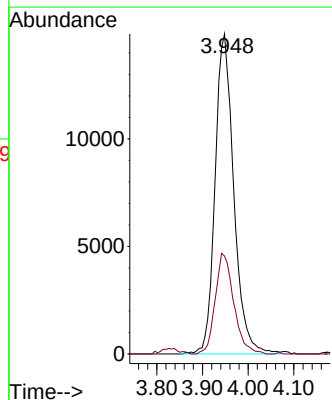
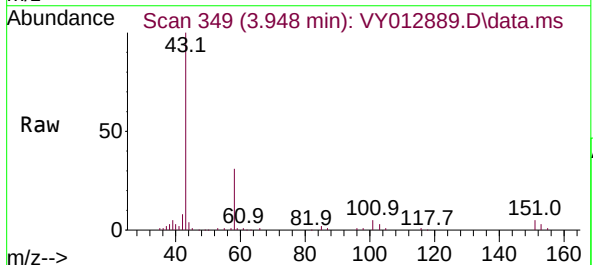
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

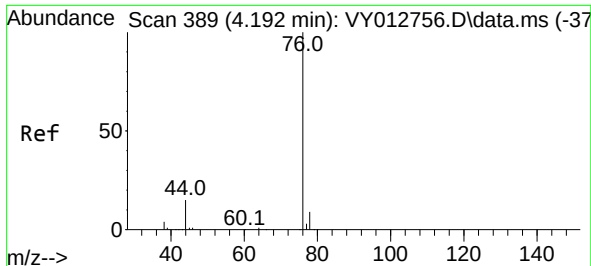
Tgt Ion:	53	Resp:	38449
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.3	99.5
51	36.9	28.8	43.2



#16
Acetone
Concen: 100.910 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:	43	Resp:	42354
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.2

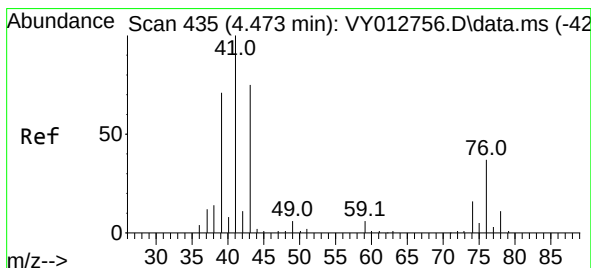
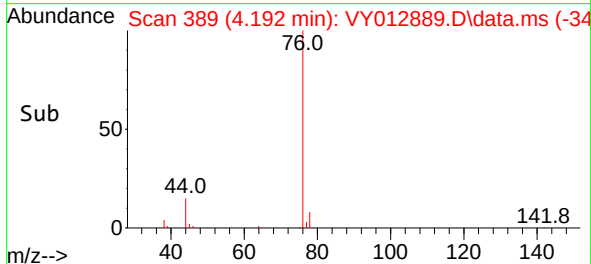
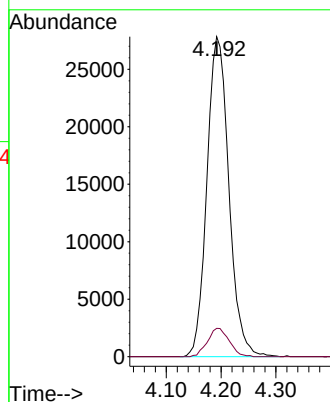
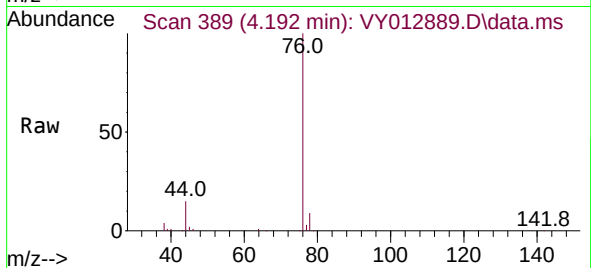




#17
Carbon Disulfide
Concen: 20.490 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

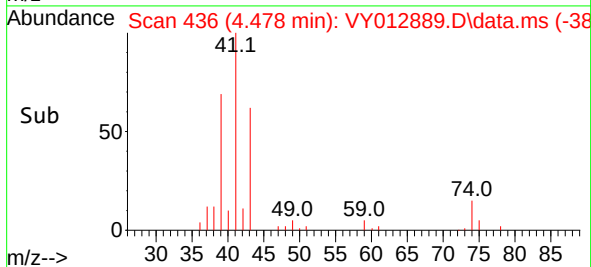
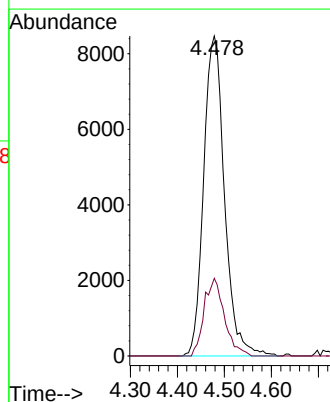
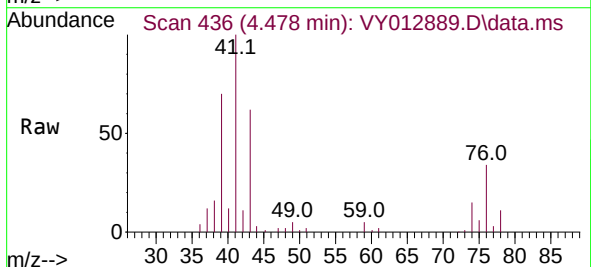
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBSD01

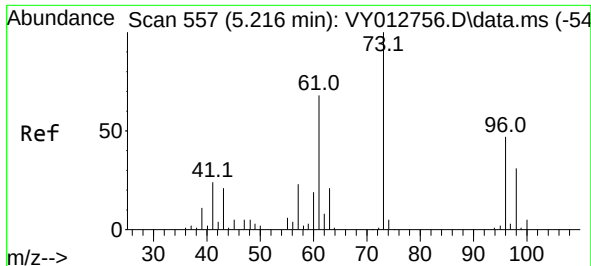
Tgt Ion: 76 Resp: 77353
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.858 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 43 Resp: 26071
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.750 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

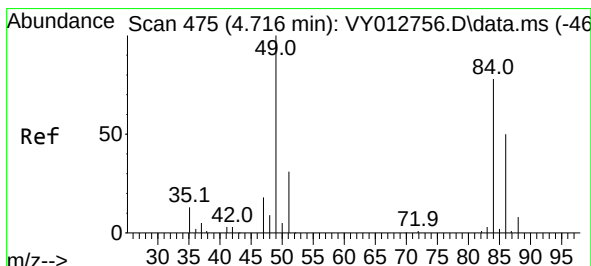
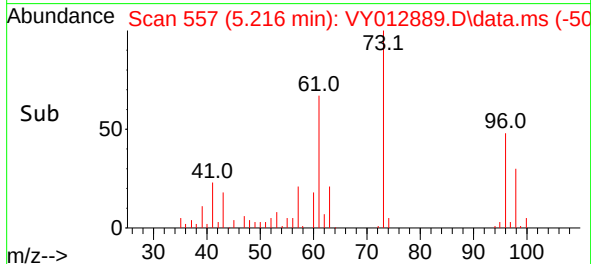
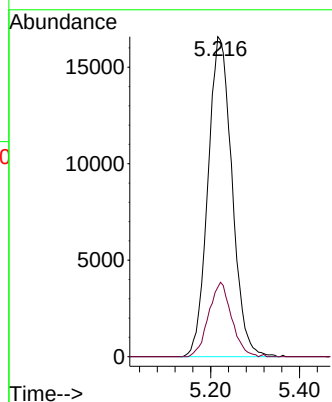
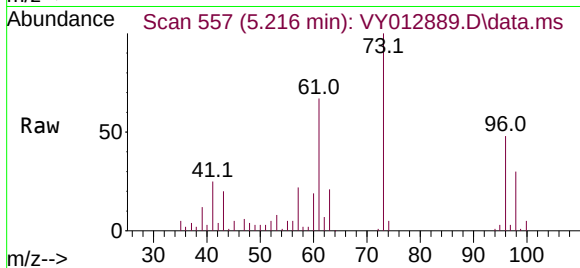
VY0309SBS01

Tgt Ion: 73 Resp: 62307

Ion Ratio Lower Upper

73 100

57 21.7 18.3 27.5



#20

Methylene Chloride

Concen: 21.468 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Tgt Ion: 84 Resp: 31423

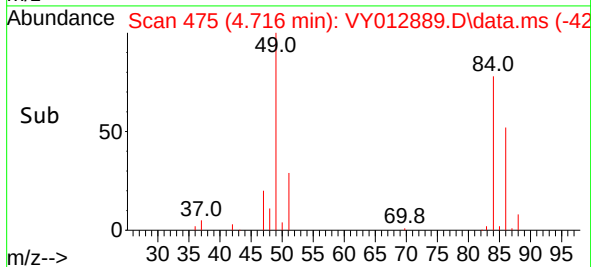
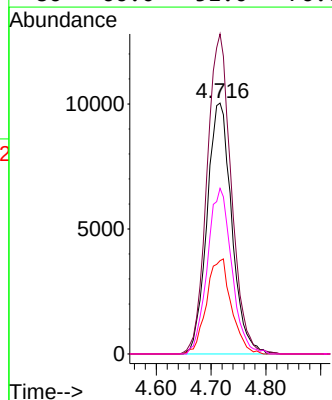
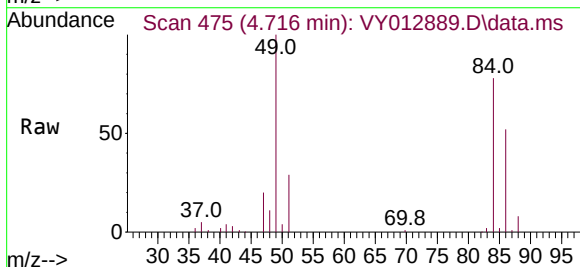
Ion Ratio Lower Upper

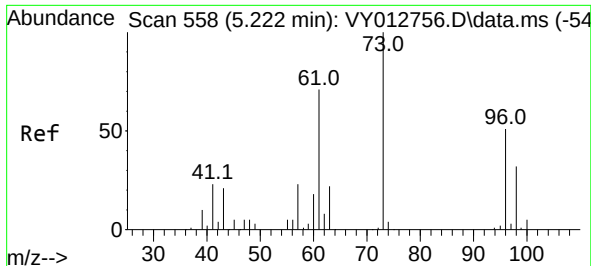
84 100

49 127.5 102.6 154.0

51 37.2 31.9 47.9

86 66.0 51.0 76.6

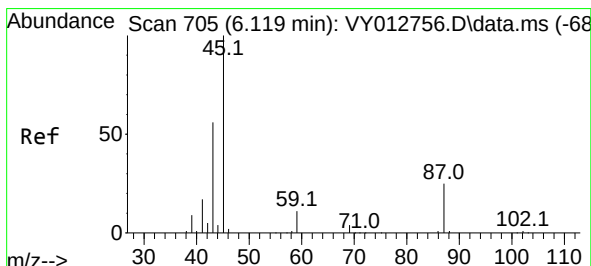
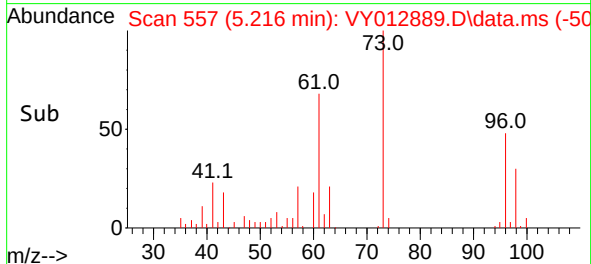
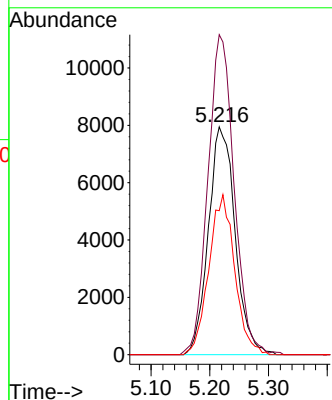
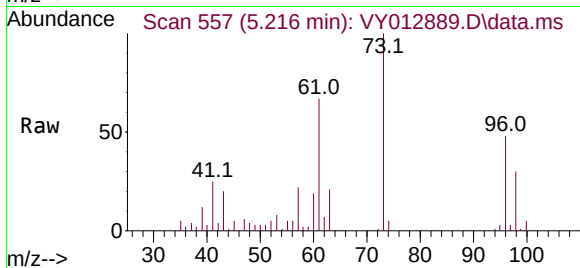




#21
trans-1,2-Dichloroethene
Concen: 20.867 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

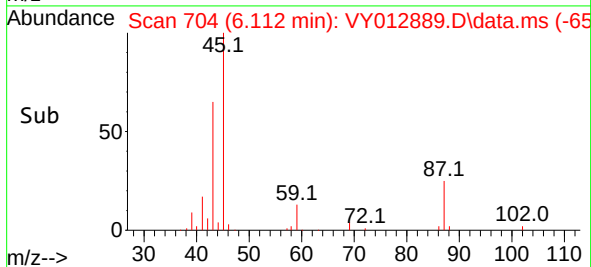
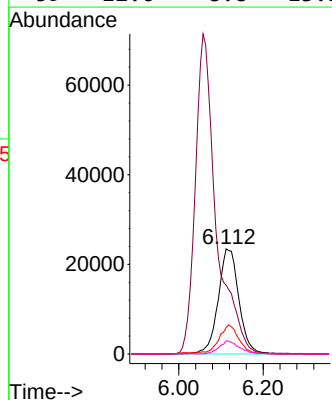
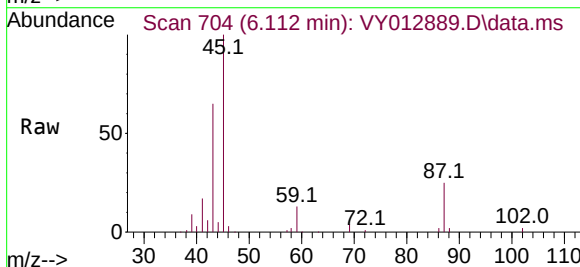
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

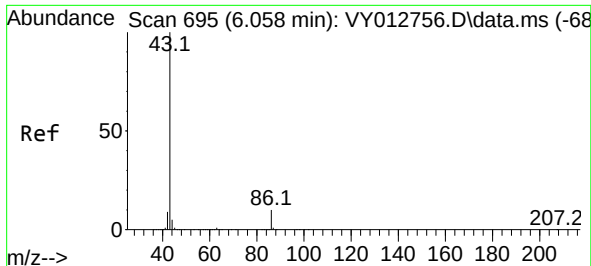
Tgt Ion: 96 Resp: 25150
Ion Ratio Lower Upper
96 100
61 140.4 111.4 167.0
98 63.2 50.8 76.2



#22
Diisopropyl ether
Concen: 21.360 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 45 Resp: 79479
Ion Ratio Lower Upper
45 100
43 64.6 45.0 67.6
87 25.0 20.3 30.5
59 12.6 8.8 13.2

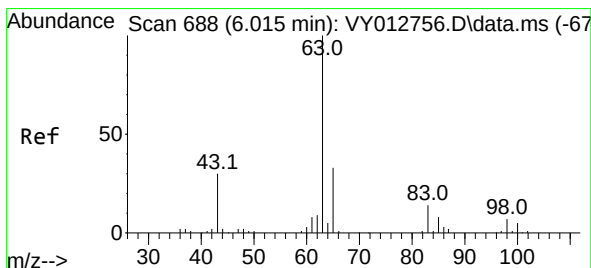
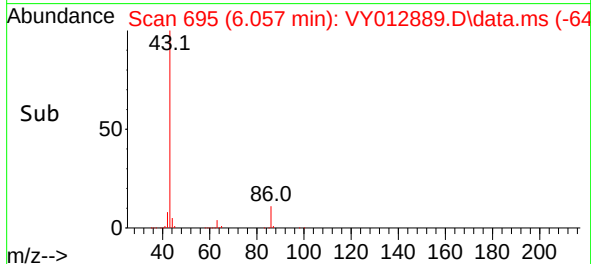
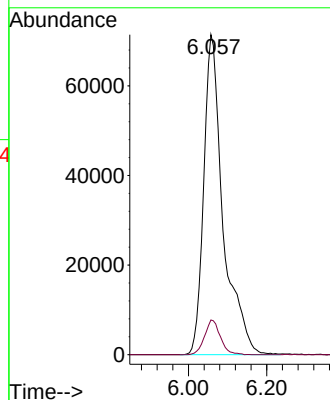
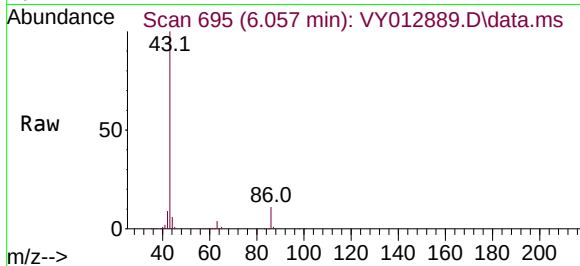




#23
 Vinyl Acetate
 Concen: 105.995 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

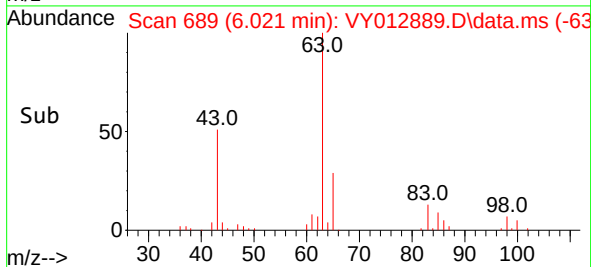
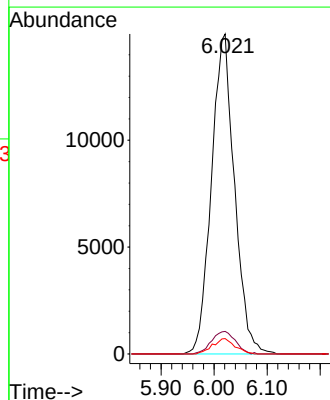
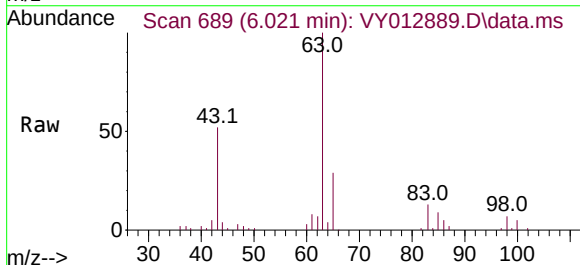
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

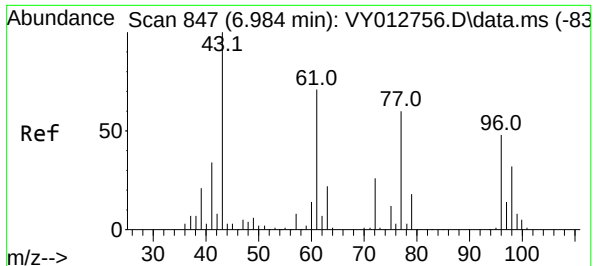
Tgt Ion: 43 Resp: 245062
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.314 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

Tgt Ion: 63 Resp: 45193
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 107.898 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

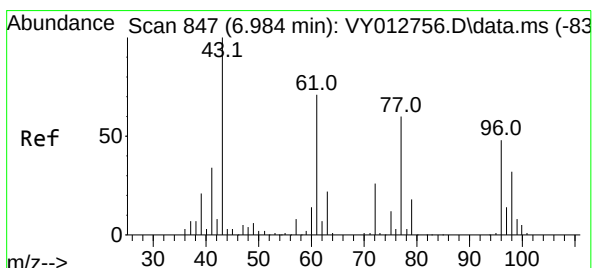
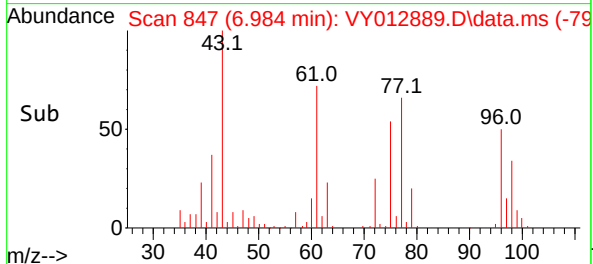
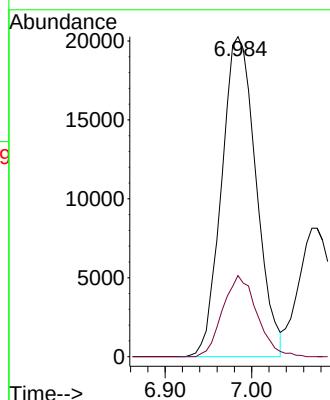
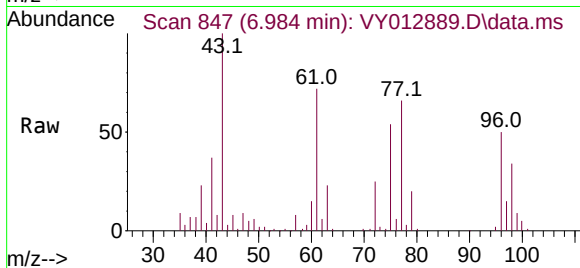
VY0309SBS01

Tgt Ion: 43 Resp: 56092

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.389 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012889.D

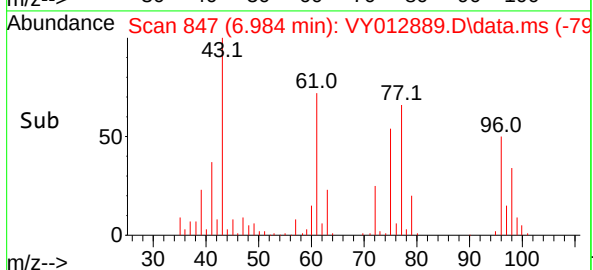
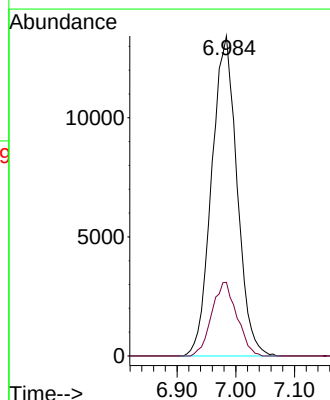
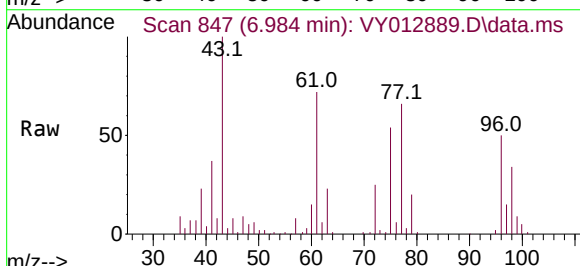
Acq: 09 Mar 2023 11:20

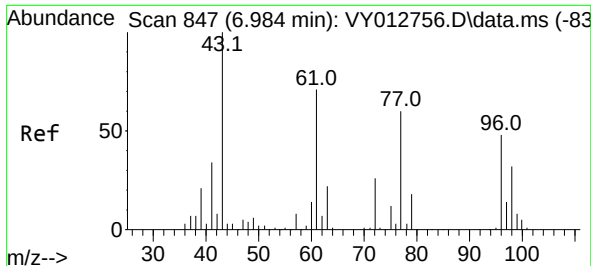
Tgt Ion: 77 Resp: 40279

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0

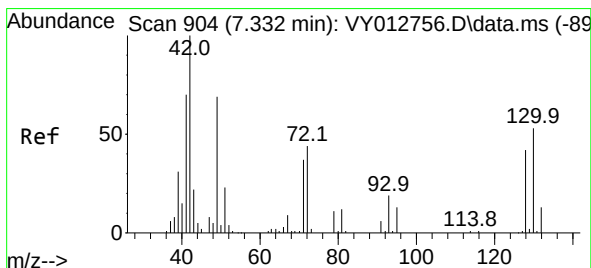
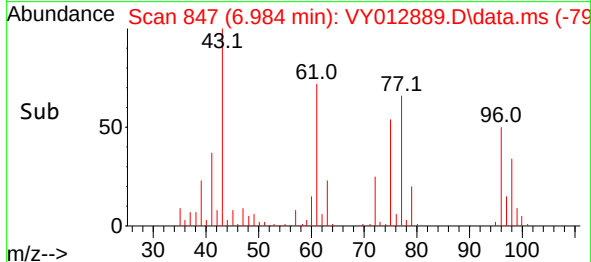
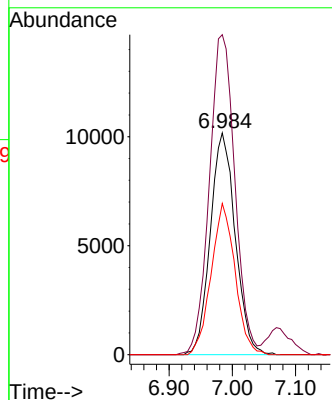
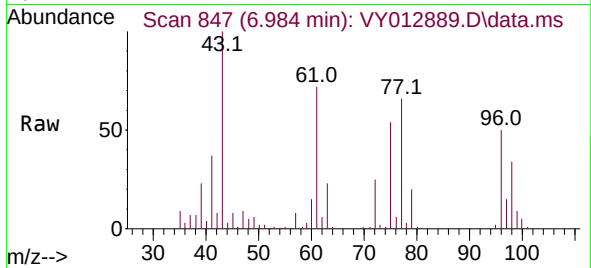




#27
 cis-1,2-Dichloroethene
 Concen: 21.544 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

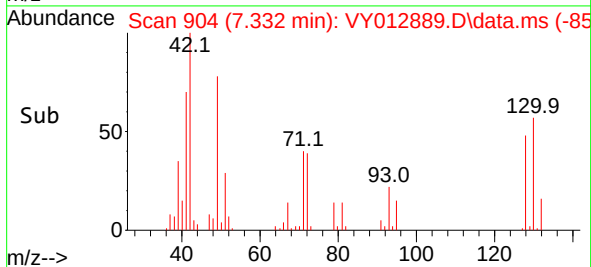
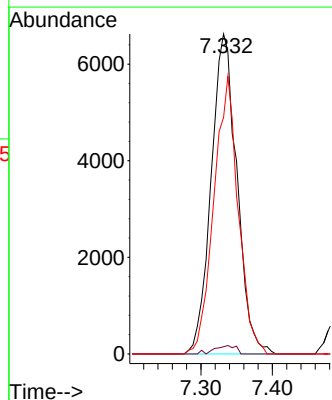
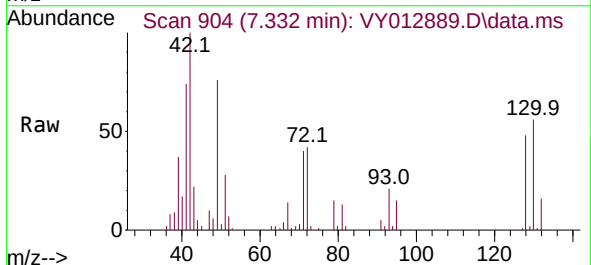
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

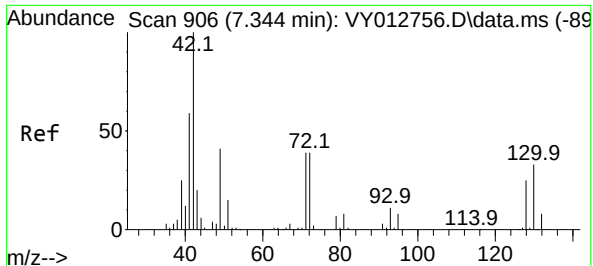
Tgt Ion: 96 Resp: 27838
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 295.8
 98 65.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 21.370 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

Tgt Ion: 49 Resp: 16559
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 82.1 60.5 90.7





#29

Tetrahydrofuran

Concen: 109.620 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

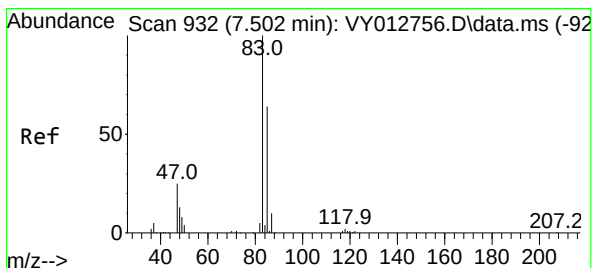
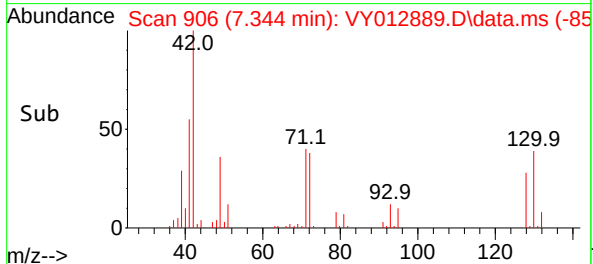
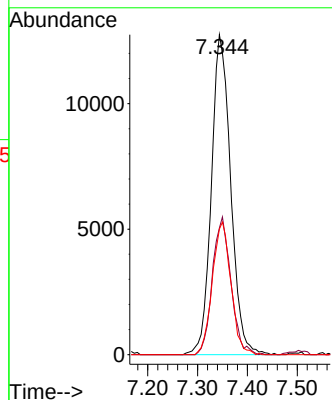
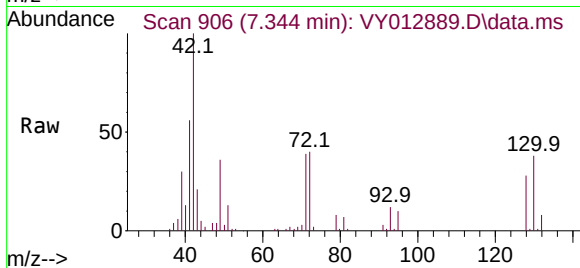
Tgt Ion: 42 Resp: 34370

Ion Ratio Lower Upper

42 100

72 41.1 32.3 48.5

71 39.7 30.3 45.5



#30

Chloroform

Concen: 21.917 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012889.D

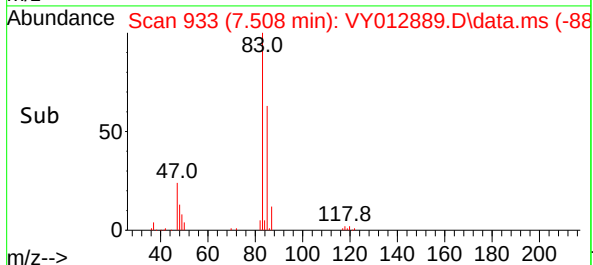
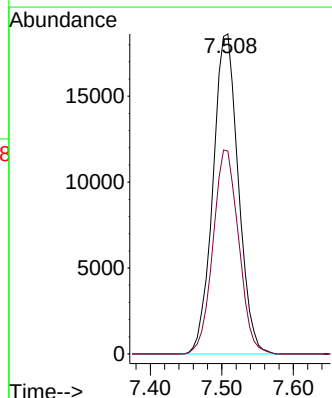
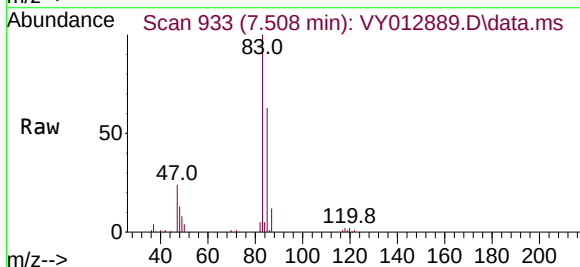
Acq: 09 Mar 2023 11:20

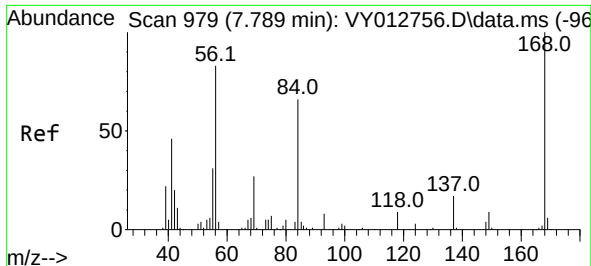
Tgt Ion: 83 Resp: 45902

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

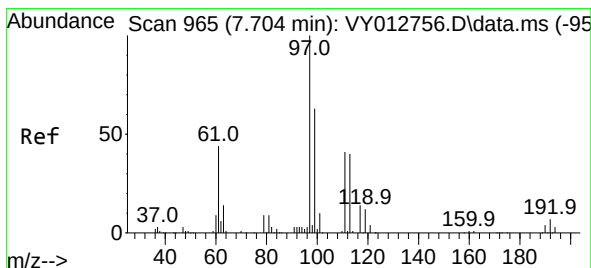
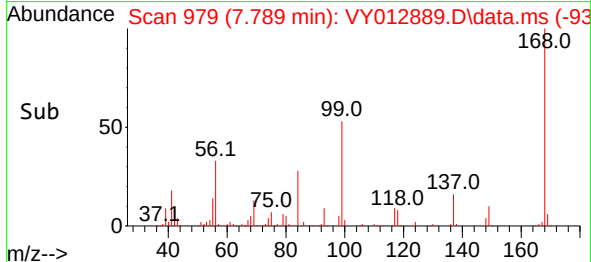
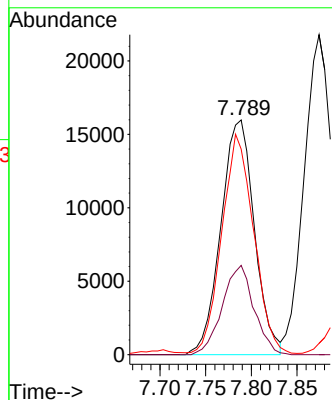
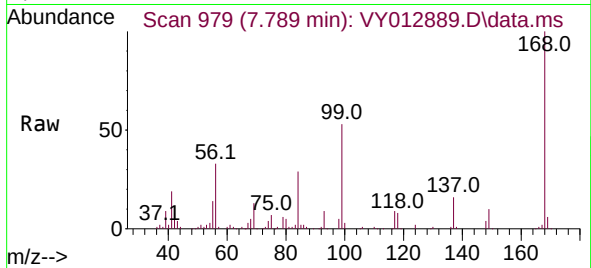




#31
Cyclohexane
Concen: 19.903 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

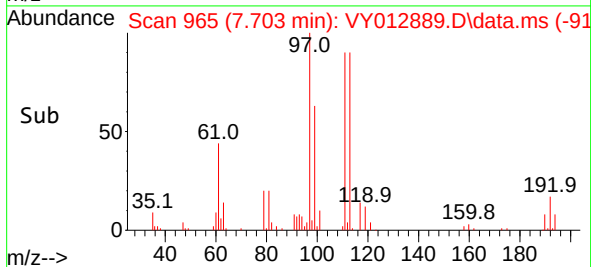
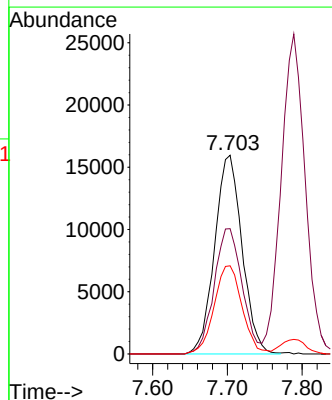
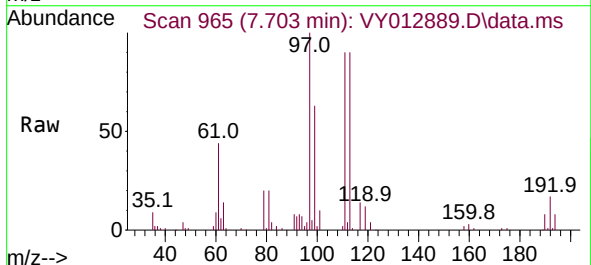
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

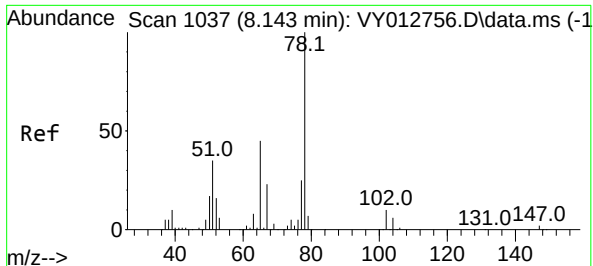
Tgt Ion: 56 Resp: 40760
Ion Ratio Lower Upper
56 100
69 38.0 25.7 38.5
84 86.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.521 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 97 Resp: 40761
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 45.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.747 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

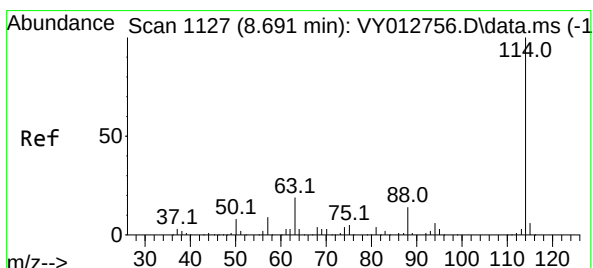
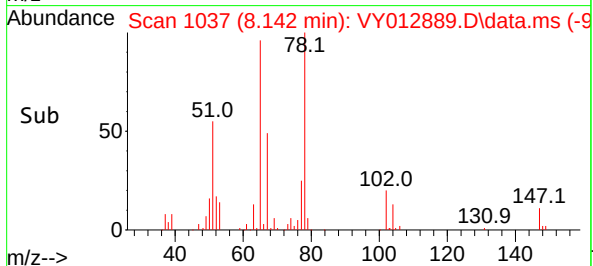
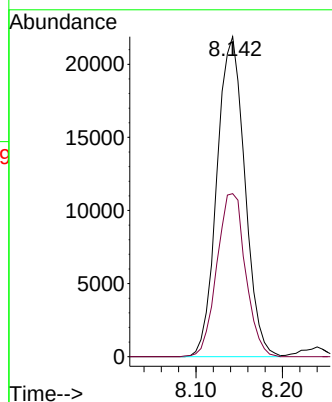
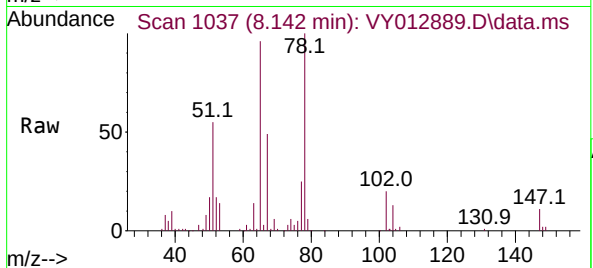
VY0309SBS01

Tgt Ion: 65 Resp: 48919

Ion Ratio Lower Upper

65 100

67 52.4 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: VY012889.D

Acq: 09 Mar 2023 11:20

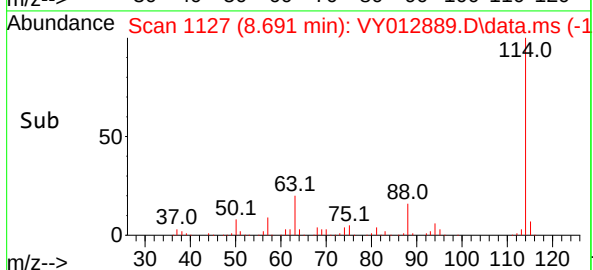
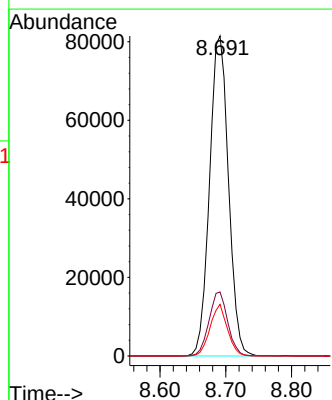
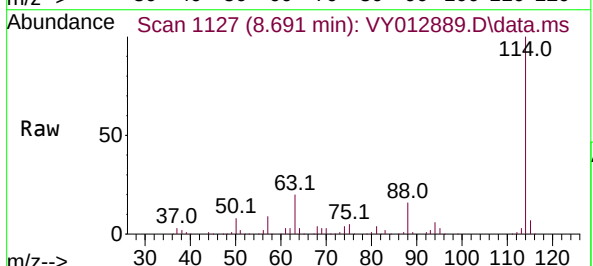
Tgt Ion: 114 Resp: 163189

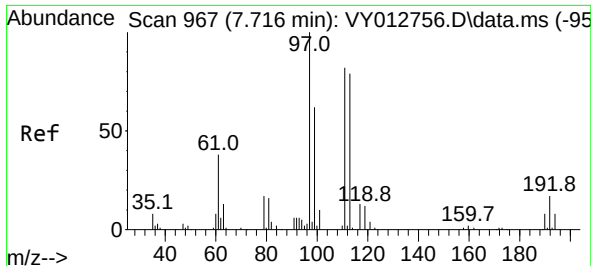
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

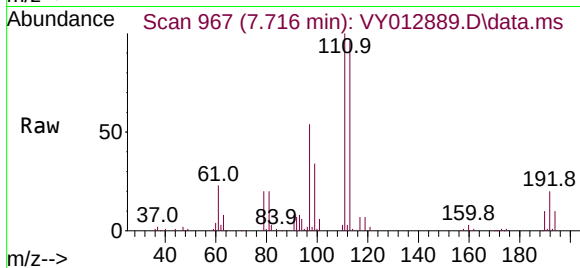
88 16.1 0.0 28.6



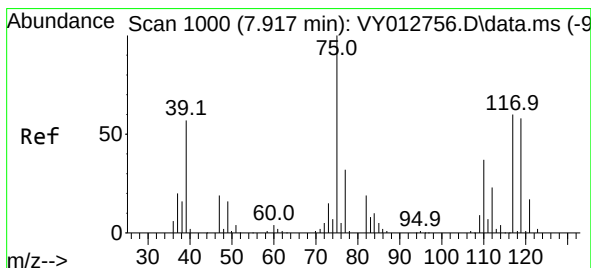
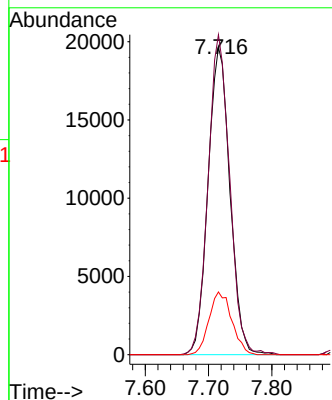
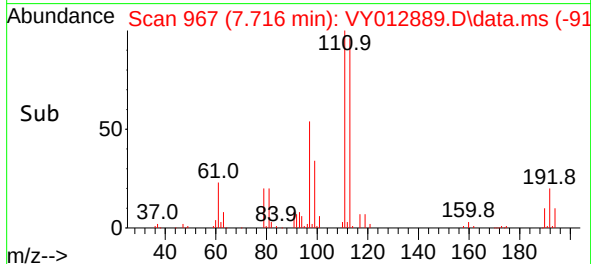


#35
Dibromofluoromethane
Concen: 48.001 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

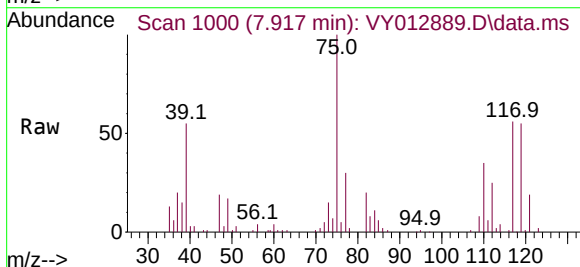
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBSD01



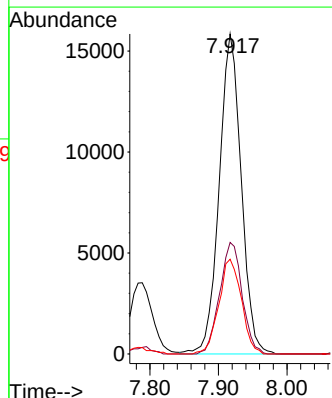
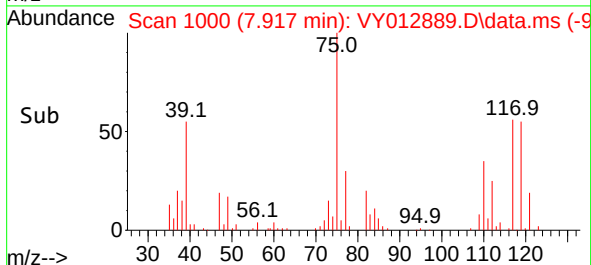
Tgt Ion:113 Resp: 47273
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.3 16.8 25.2

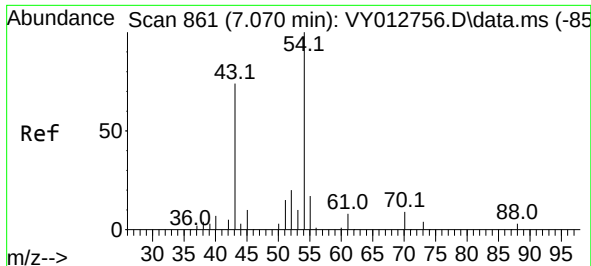


#36
1,1-Dichloropropene
Concen: 21.400 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20



Tgt Ion: 75 Resp: 35318
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 21.876 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

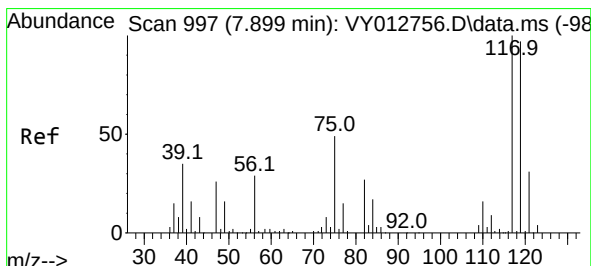
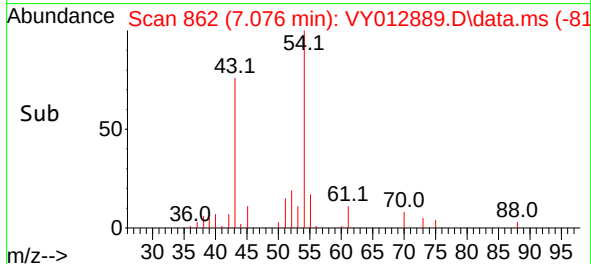
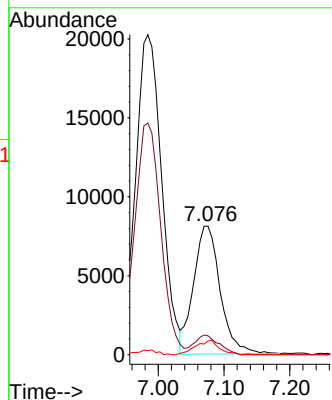
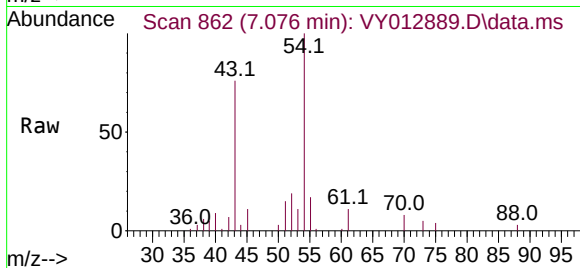
Tgt Ion: 43 Resp: 22756

Ion Ratio Lower Upper

43 100

61 14.3 10.7 16.1

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.798 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

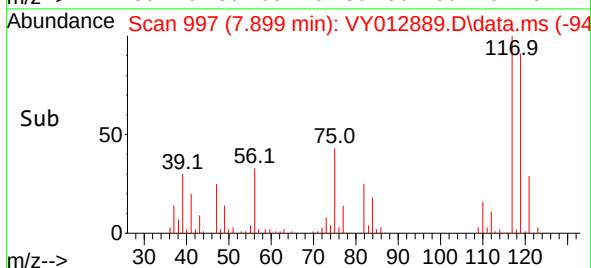
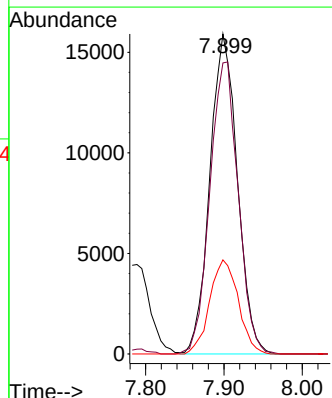
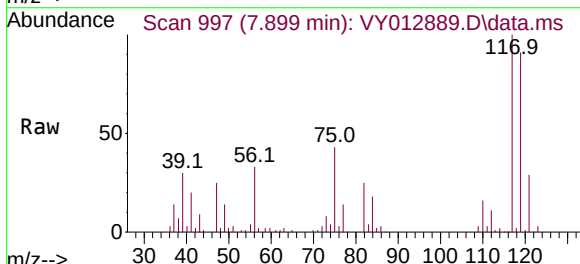
Tgt Ion: 117 Resp: 38855

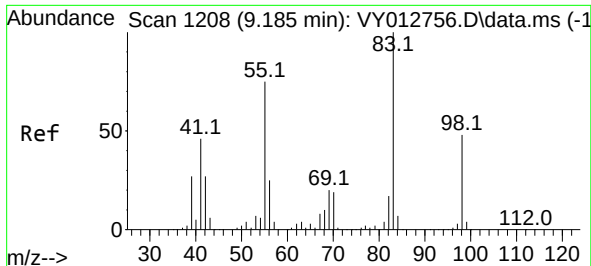
Ion Ratio Lower Upper

117 100

119 90.9 77.2 115.8

121 29.4 24.7 37.1

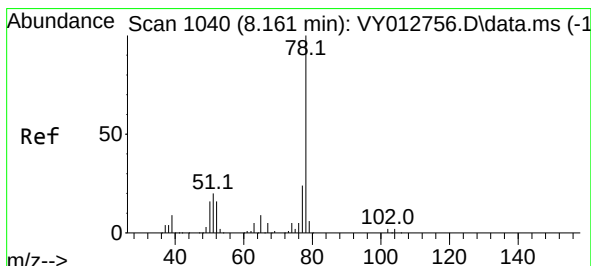
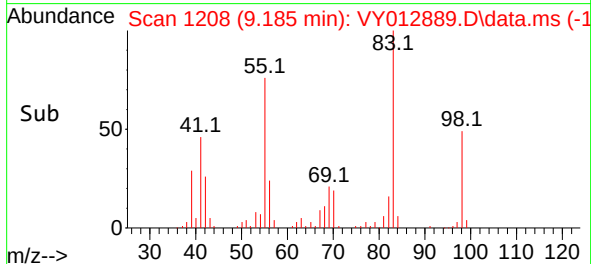
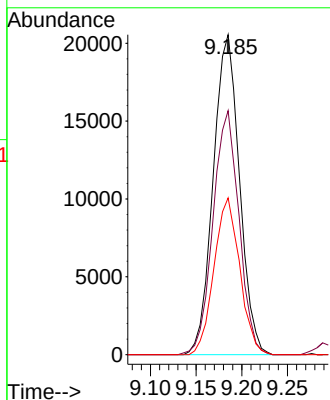
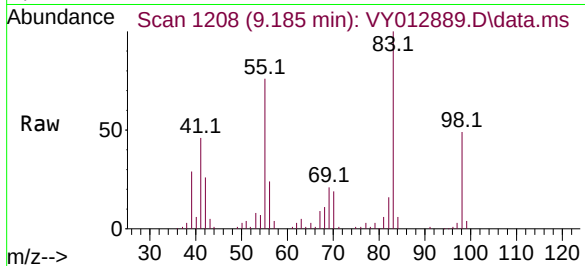




#39
Methylcyclohexane
Concen: 20.937 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

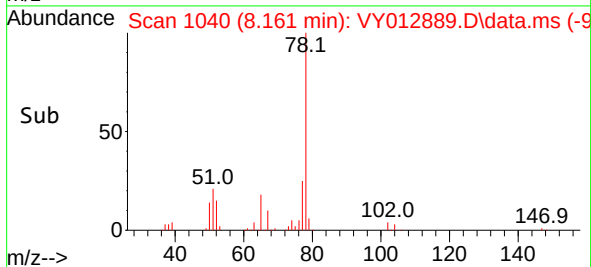
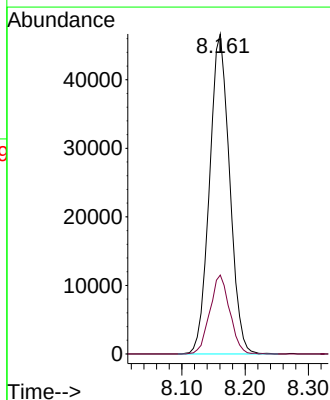
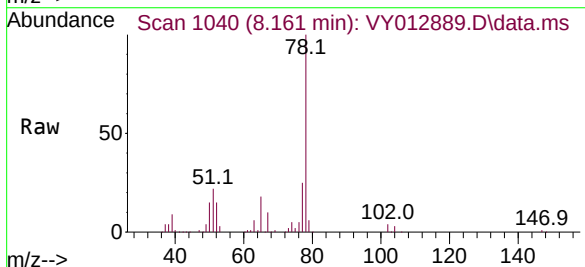
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

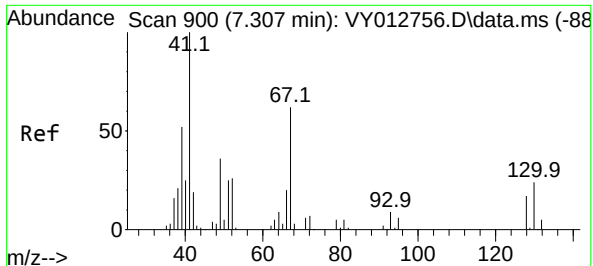
Tgt Ion: 83 Resp: 41081
Ion Ratio Lower Upper
83 100
55 76.2 60.0 90.0
98 49.0 38.3 57.5



#40
Benzene
Concen: 22.032 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 78 Resp: 102855
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

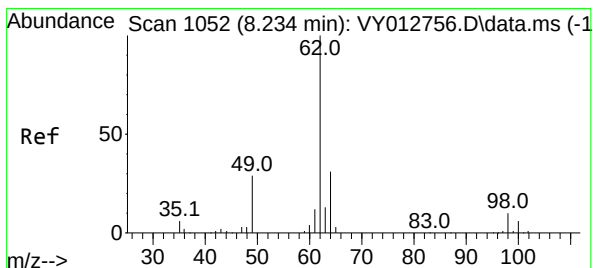
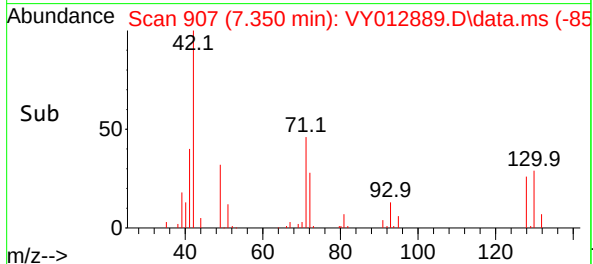
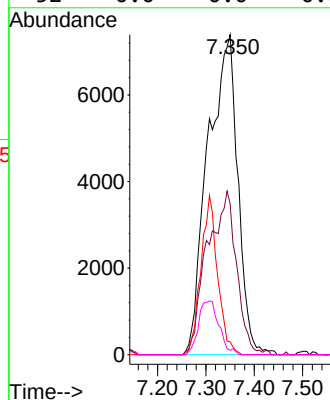
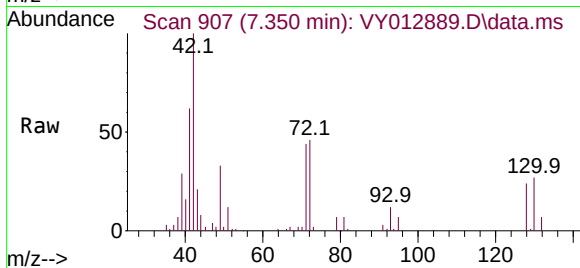




#41
Methacrylonitrile
Concen: 56.461 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

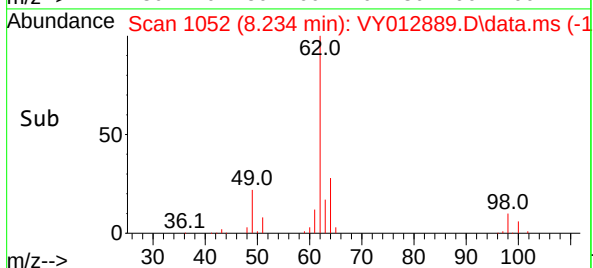
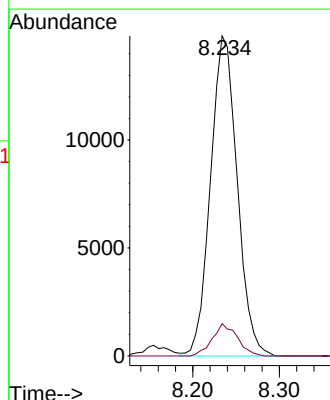
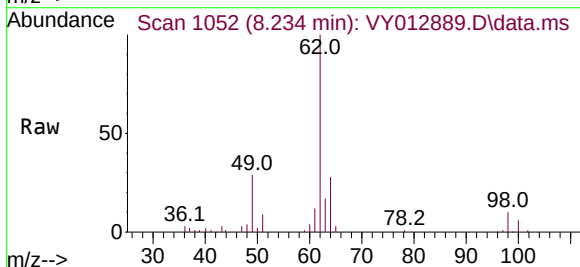
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBSD01

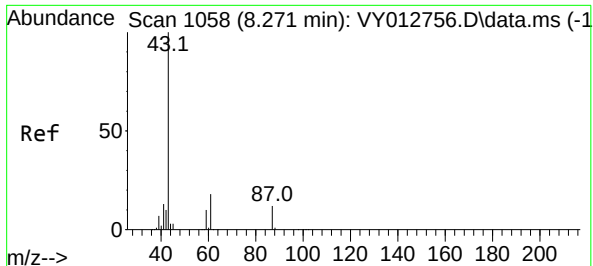
Tgt Ion: 41 Resp: 31643
Ion Ratio Lower Upper
41 100
39 50.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.624 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 62 Resp: 31754
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8





#43

Isopropyl Acetate

Concen: 21.615 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

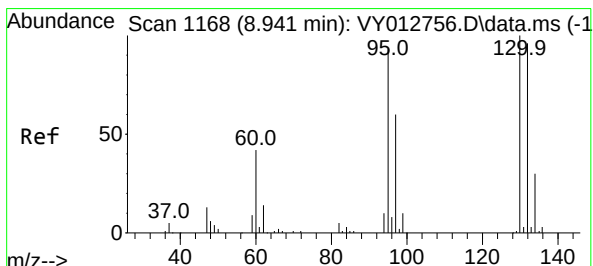
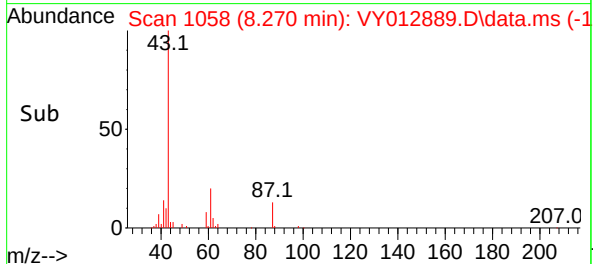
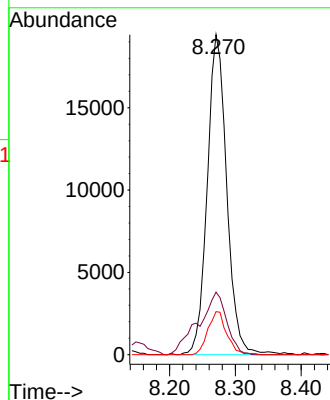
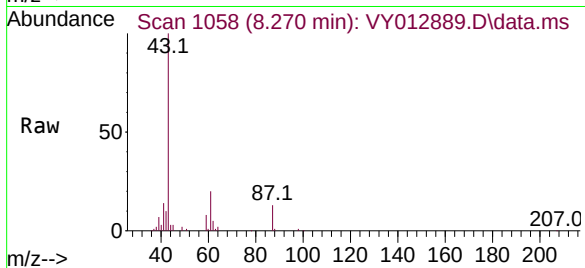
Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tgt Ion: 43	Resp: 40115
Ion Ratio	Lower Upper
43	100
61	28.2 21.6 32.4
87	13.0 9.9 14.9



#44

Trichloroethene

Concen: 22.544 ug/l

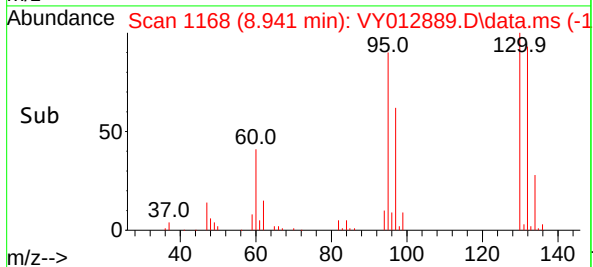
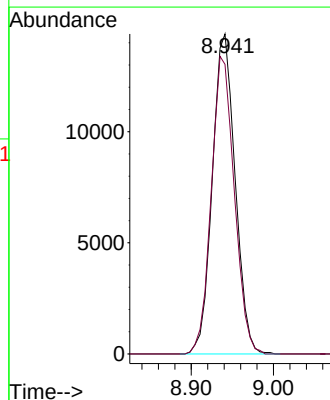
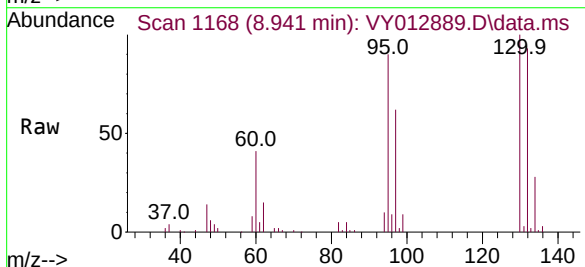
RT: 8.941 min Scan# 1168

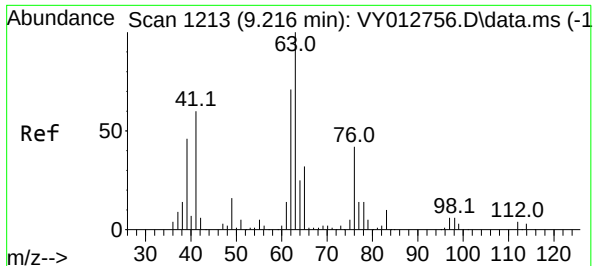
Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Tgt Ion: 130	Resp: 27749
Ion Ratio	Lower Upper
130	100
95	90.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.854 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

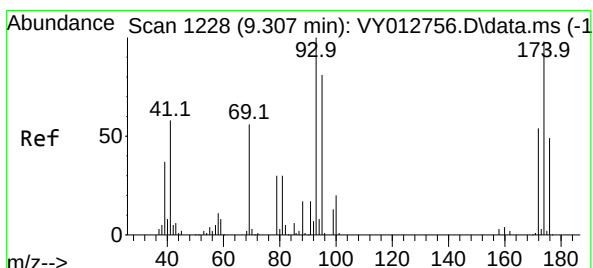
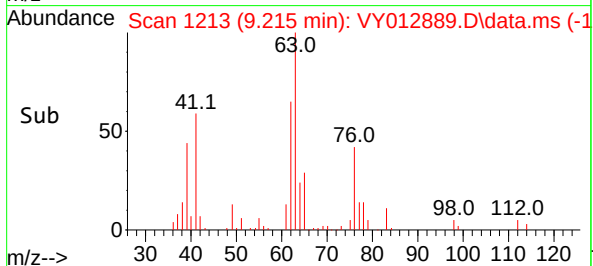
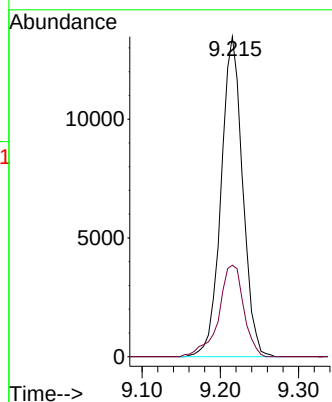
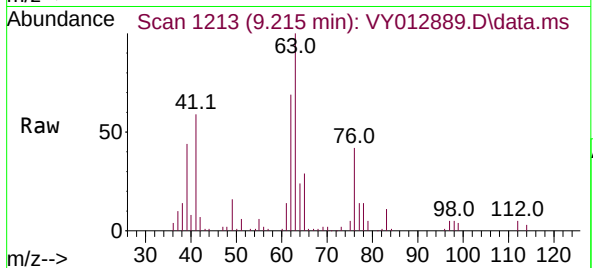
VY0309SBS01

Tgt Ion: 63 Resp: 25784

Ion Ratio Lower Upper

63 100

65 28.6 25.7 38.5



#46

Dibromomethane

Concen: 22.679 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

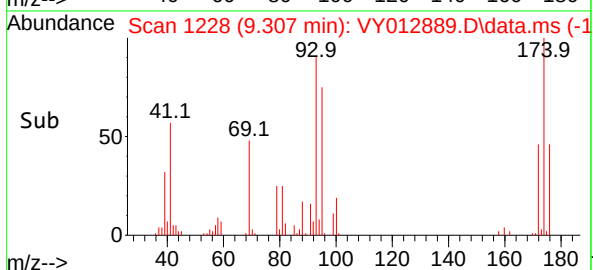
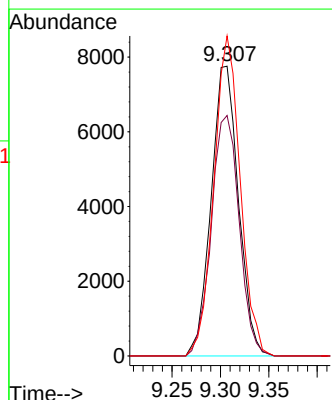
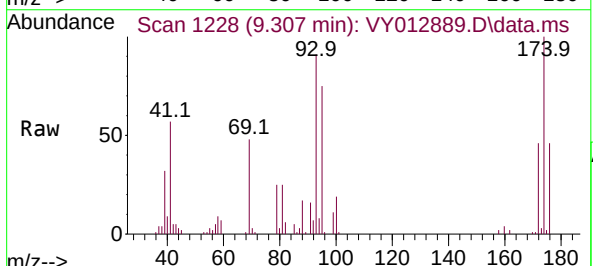
Tgt Ion: 93 Resp: 15244

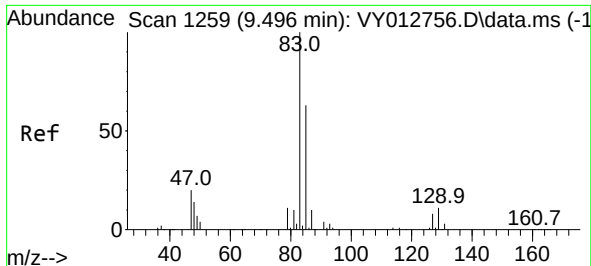
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 106.6 81.3 121.9

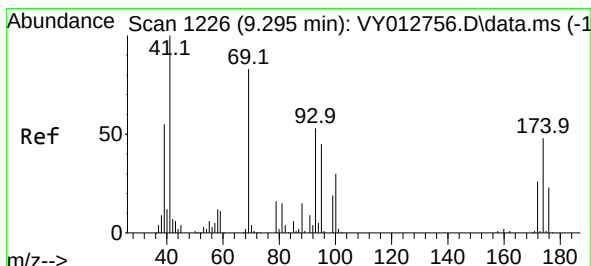
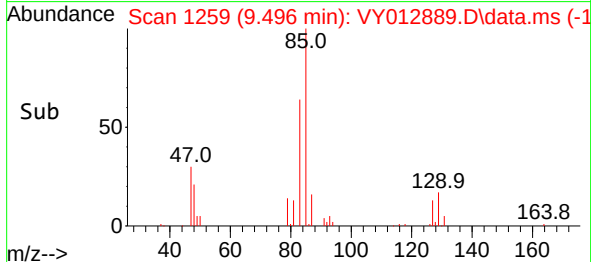
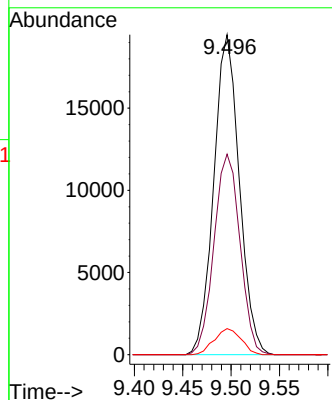
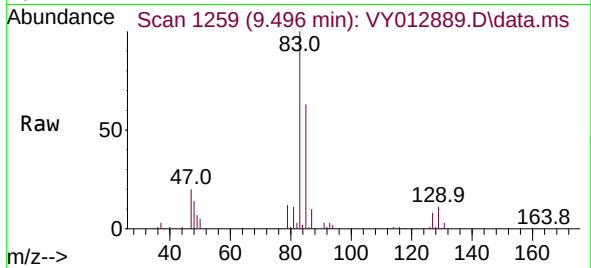




#47
Bromodichloromethane
Concen: 22.580 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

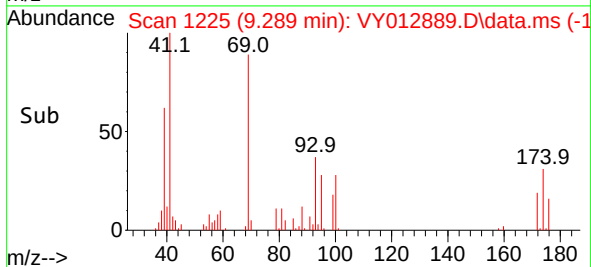
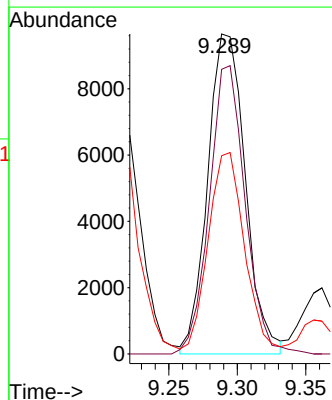
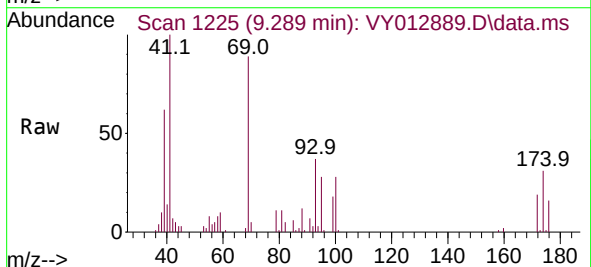
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

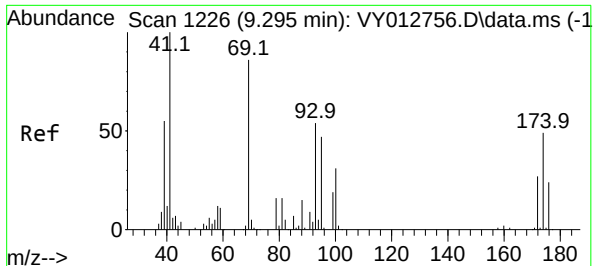
Tgt Ion: 83 Resp: 35766
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 21.566 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 41 Resp: 18442
Ion Ratio Lower Upper
41 100
69 85.6 64.1 96.1
39 58.6 44.0 66.0





#49

1,4-Dioxane

Concen: 487.953 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

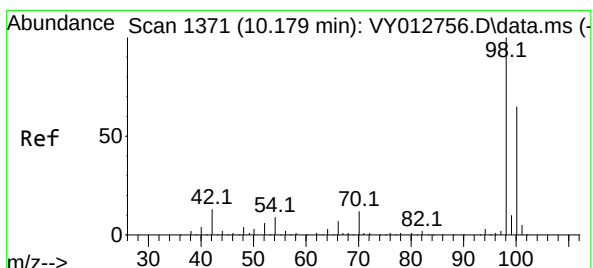
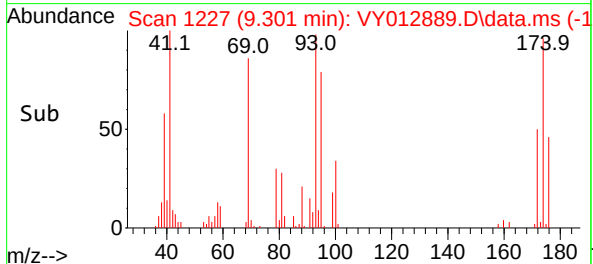
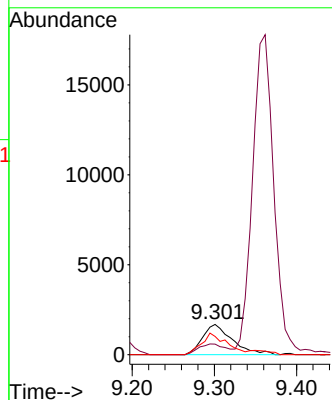
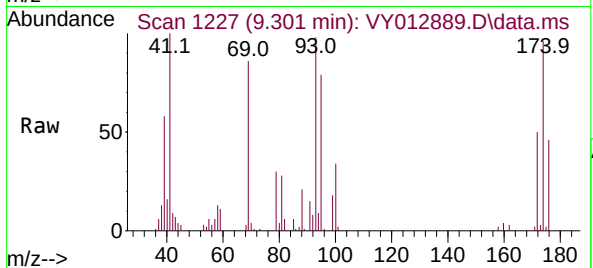
Tgt Ion: 88 Resp: 4240

Ion Ratio Lower Upper

88 100

43 31.2 28.6 42.8

58 59.4 55.2 82.8



#50

Toluene-d8

Concen: 45.286 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012889.D

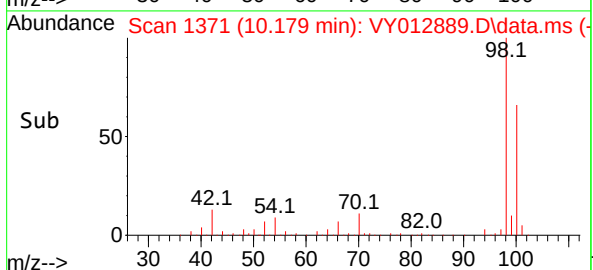
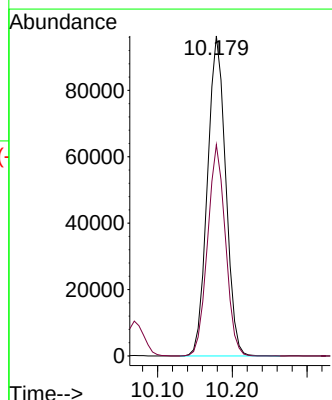
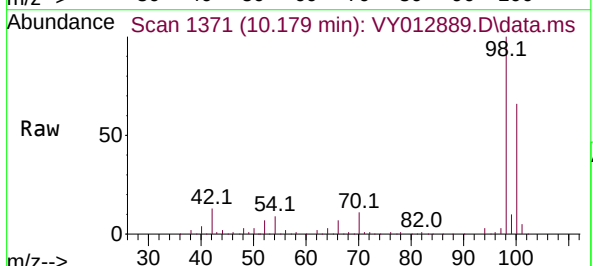
Acq: 09 Mar 2023 11:20

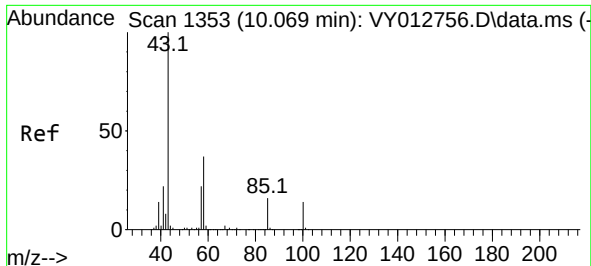
Tgt Ion: 98 Resp: 163047

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 113.564 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

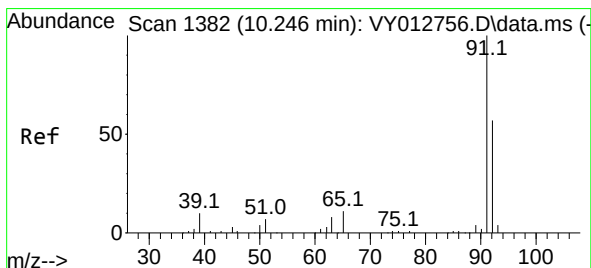
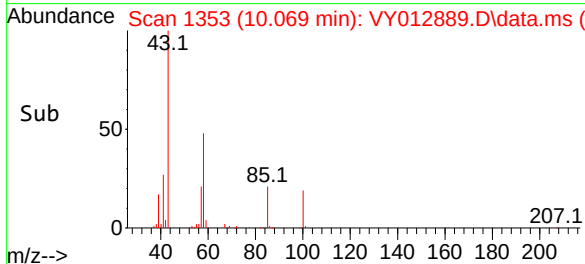
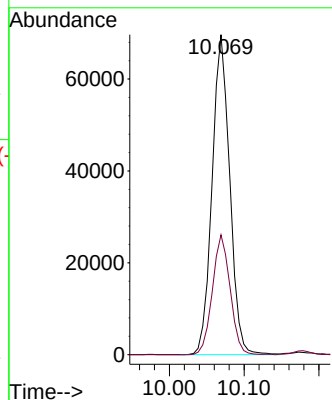
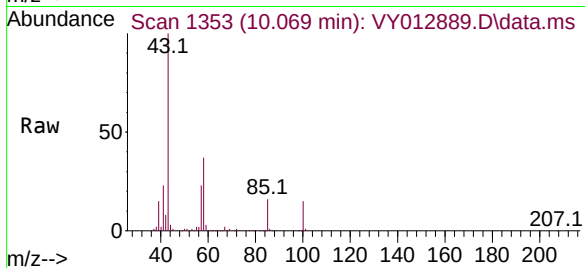
VY0309SBS01

Tgt Ion: 43 Resp: 114323

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.6



#52

Toluene

Concen: 22.473 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012889.D

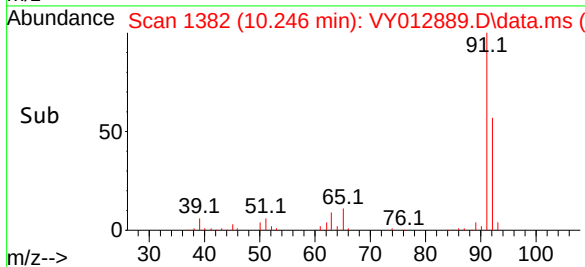
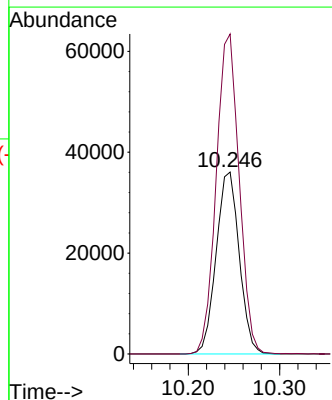
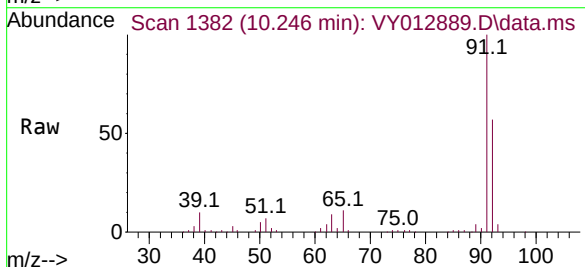
Acq: 09 Mar 2023 11:20

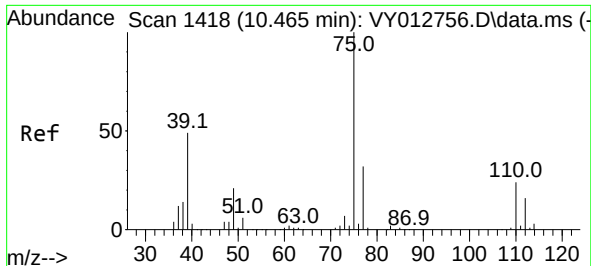
Tgt Ion: 92 Resp: 63272

Ion Ratio Lower Upper

92 100

91 175.0 141.3 211.9

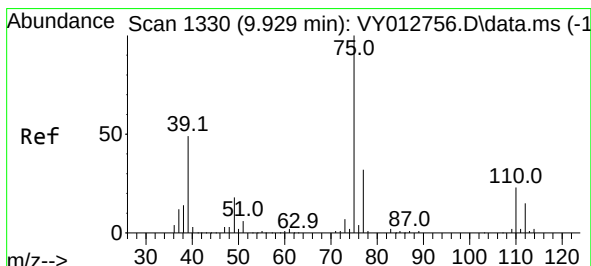
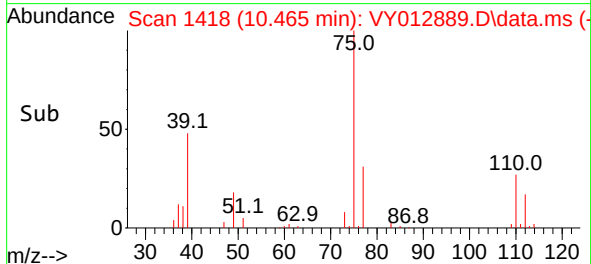
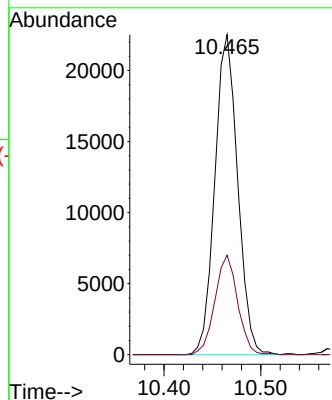
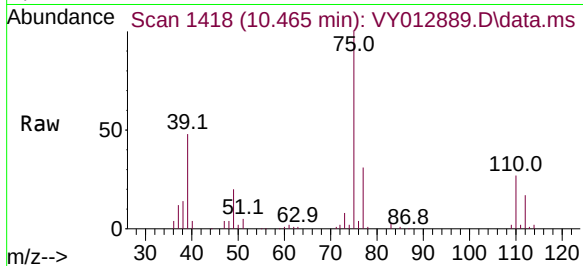




#53
 t-1,3-Dichloropropene
 Concen: 22.221 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

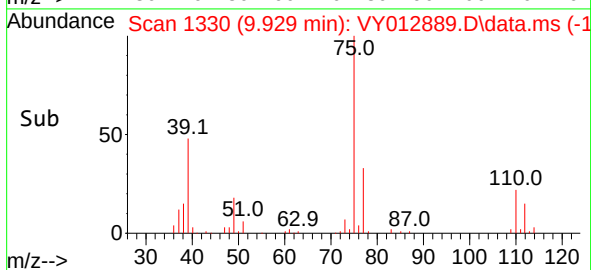
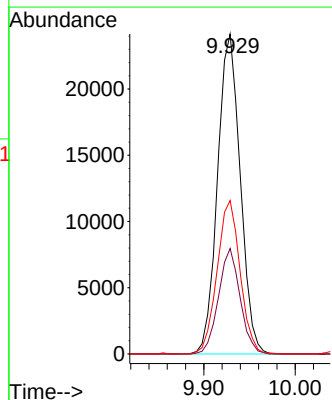
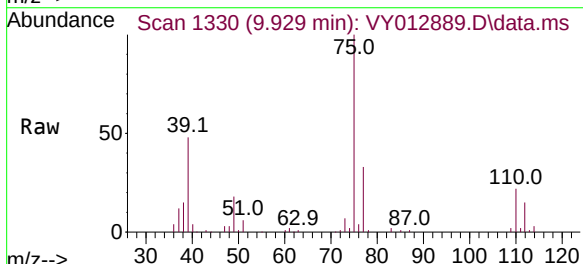
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

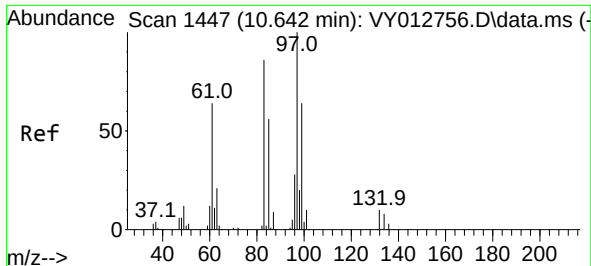
Tgt Ion: 75 Resp: 36919
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.170 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

Tgt Ion: 75 Resp: 41691
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 48.0 39.0 58.4

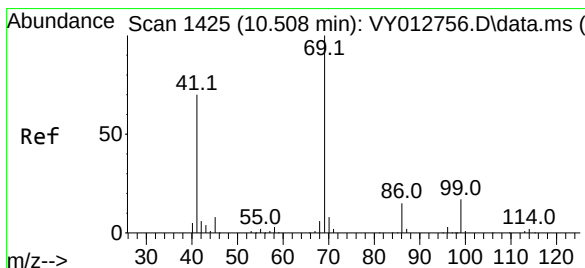
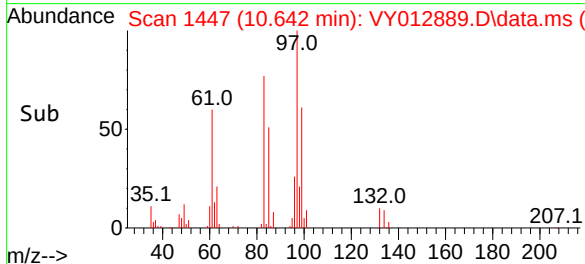
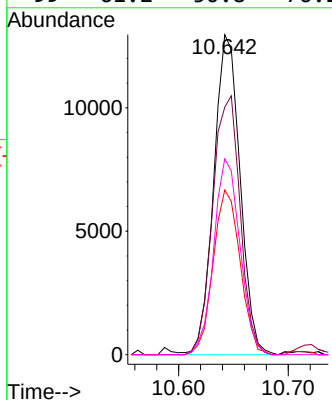
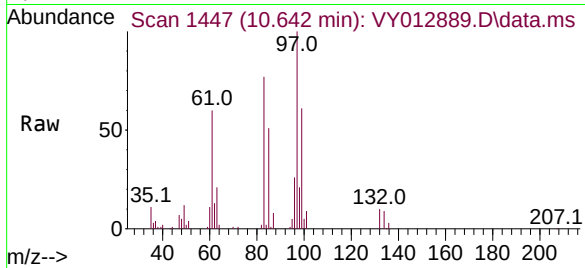




#55
1,1,2-Trichloroethane
Concen: 23.112 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

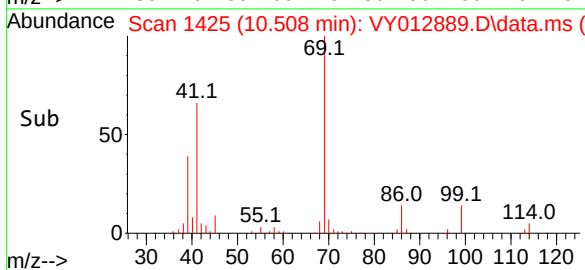
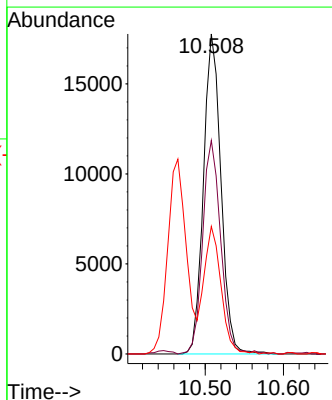
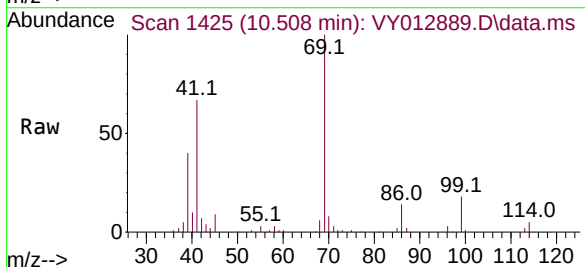
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

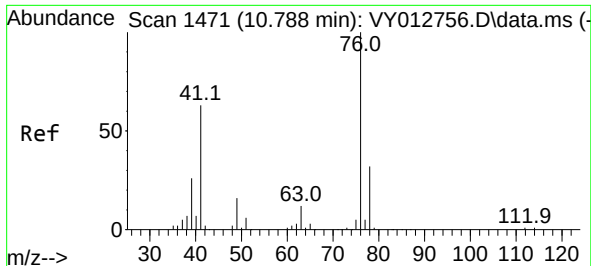
Tgt Ion:	97	Resp:	21635
Ion	Ratio	Lower	Upper
97	100		
83	77.3	69.0	103.6
85	51.5	44.9	67.3
99	61.2	50.8	76.2



#56
Ethyl methacrylate
Concen: 22.104 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:	69	Resp:	27590
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.4	84.6
39	38.0	30.8	46.2





#57

1,3-Dichloropropane

Concen: 22.358 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

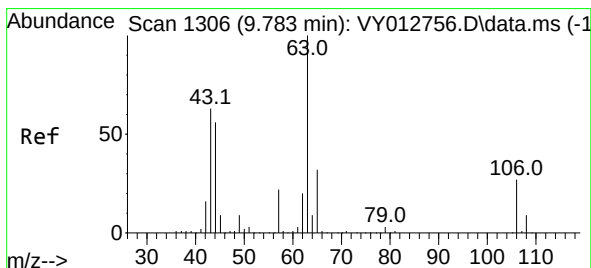
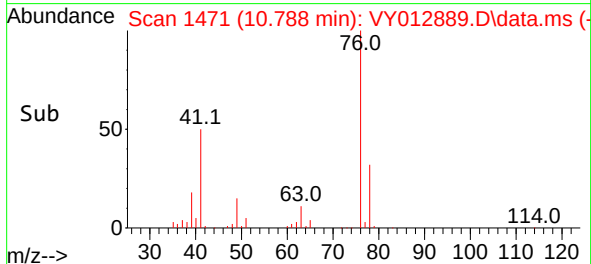
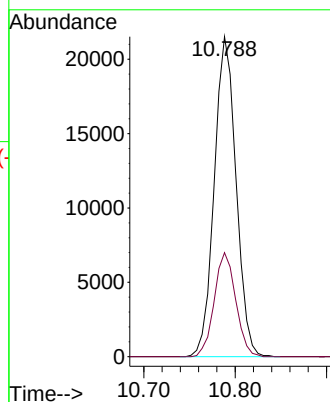
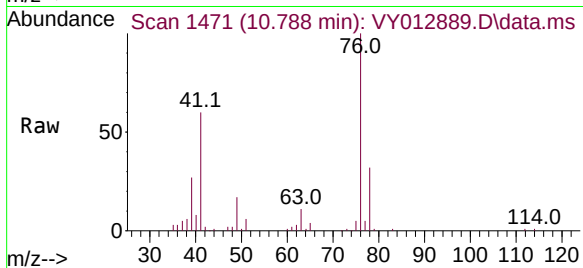
VY0309SBS01

Tgt Ion: 76 Resp: 35647

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.141 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012889.D

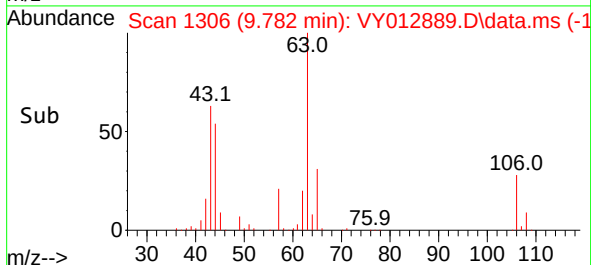
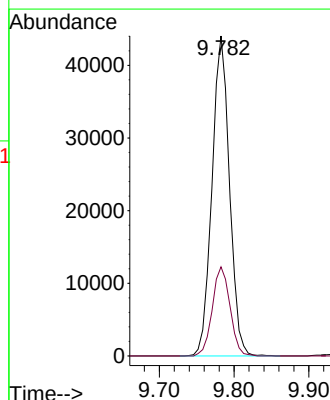
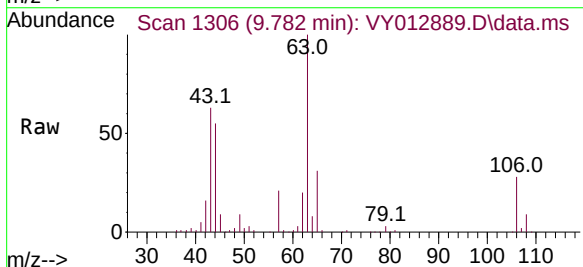
Acq: 09 Mar 2023 11:20

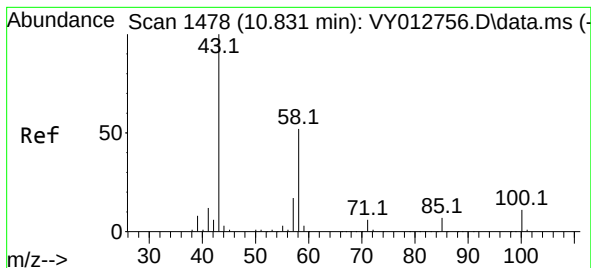
Tgt Ion: 63 Resp: 71513

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1

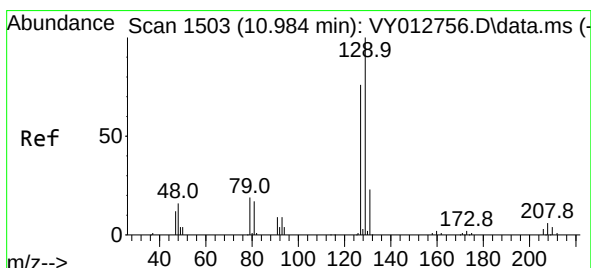
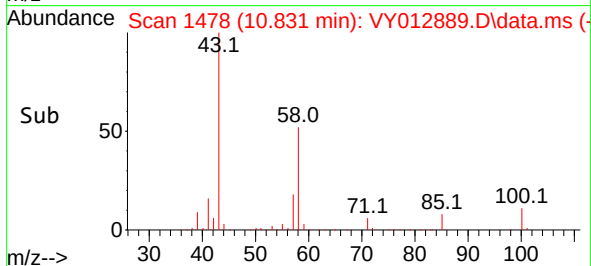
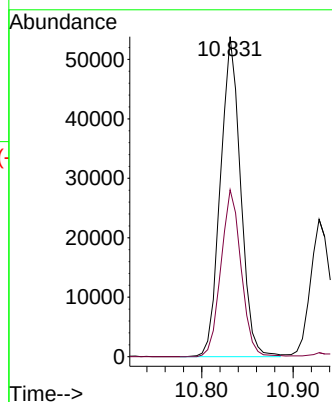
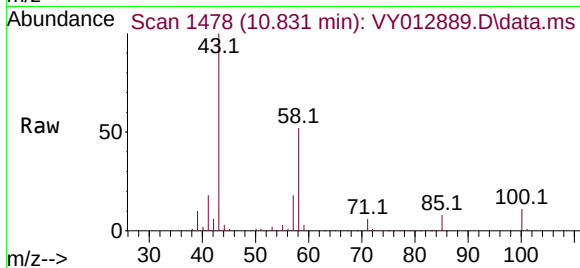




#59
2-Hexanone
Concen: 113.118 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

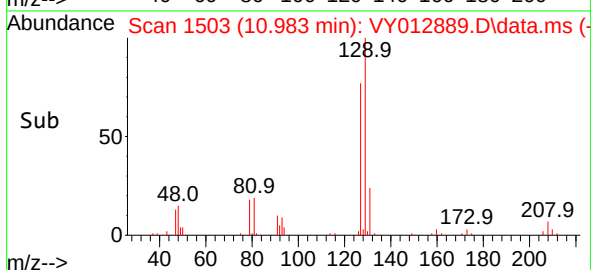
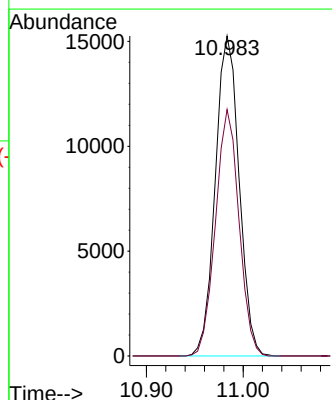
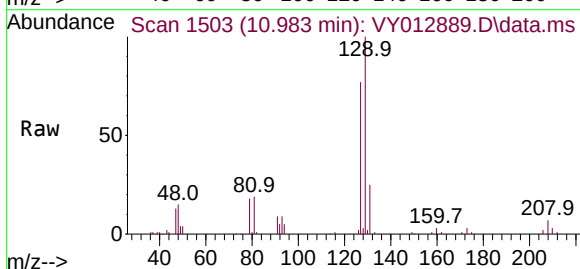
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

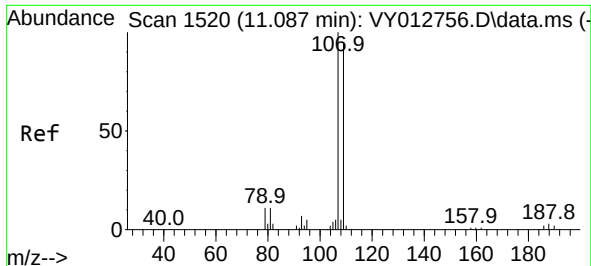
Tgt Ion: 43 Resp: 82762
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 22.878 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 129 Resp: 26069
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

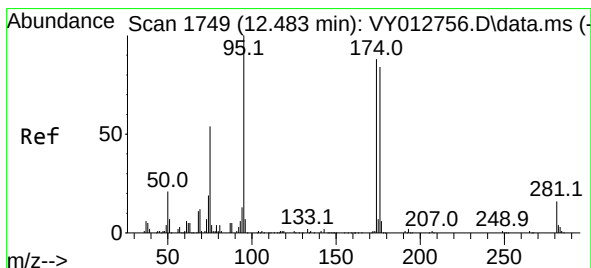
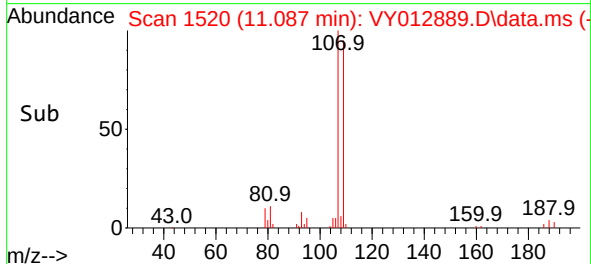
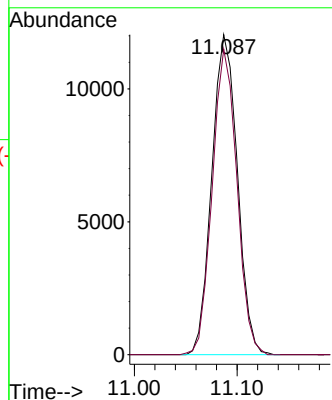
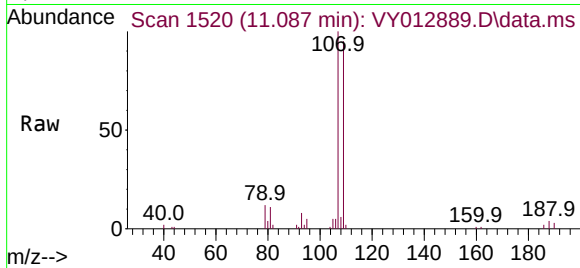




#61
1,2-Dibromoethane
Concen: 23.037 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

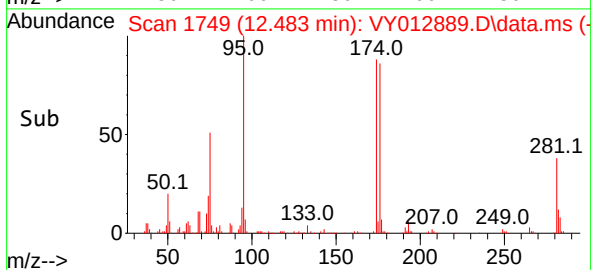
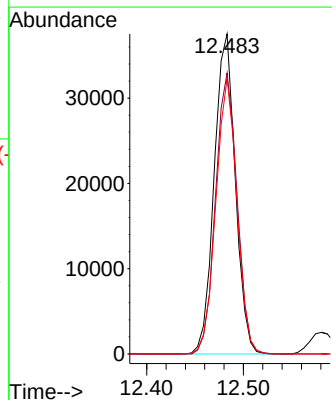
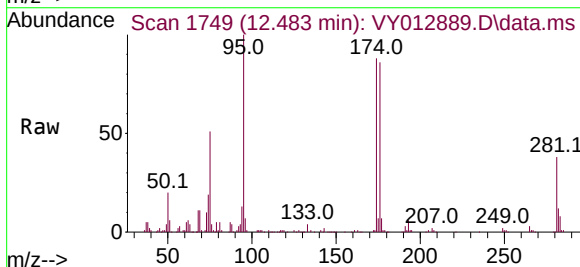
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

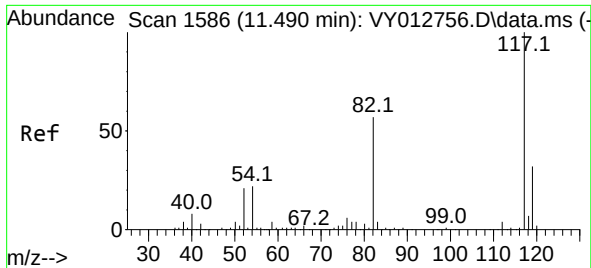
Tgt Ion:107 Resp: 20773
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 95 Resp: 56873
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.6
176 86.0 0.0 170.2

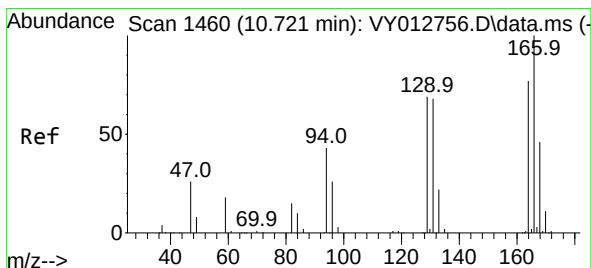
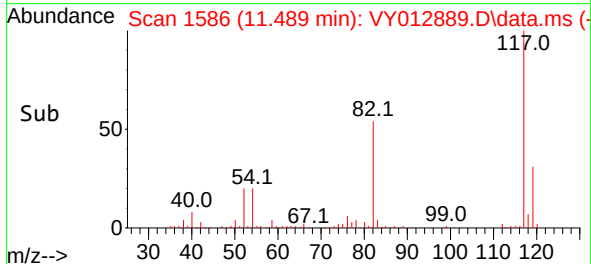
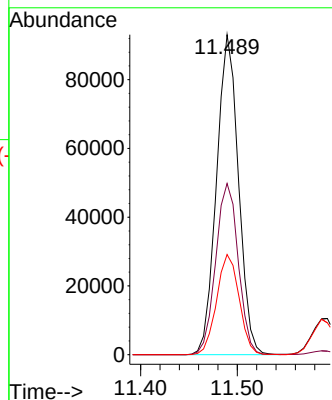
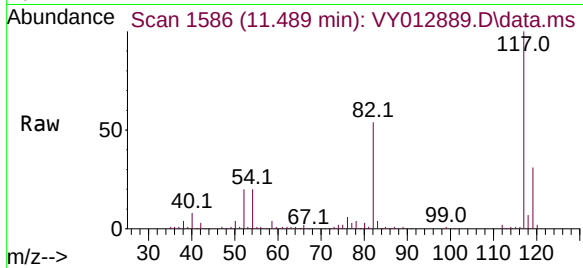




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

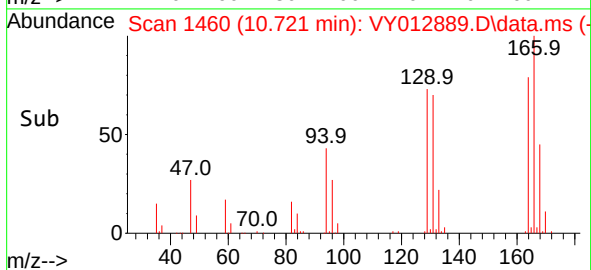
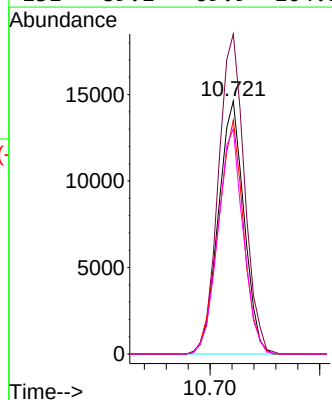
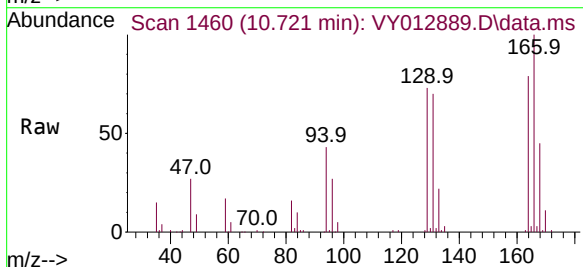
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

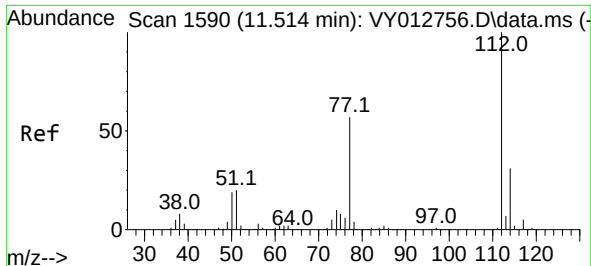
Tgt Ion:117 Resp: 146494
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 22.285 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:164 Resp: 23769
Ion Ratio Lower Upper
164 100
166 126.5 103.4 155.2
129 92.4 71.4 107.2
131 89.1 69.9 104.9

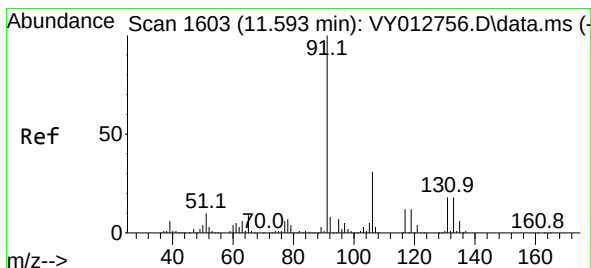
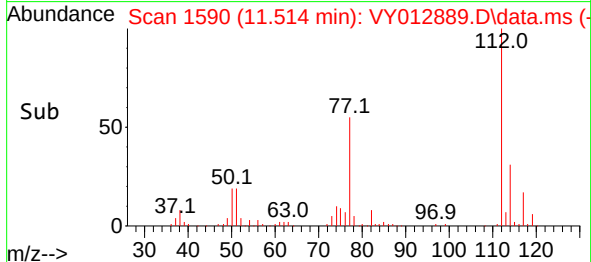
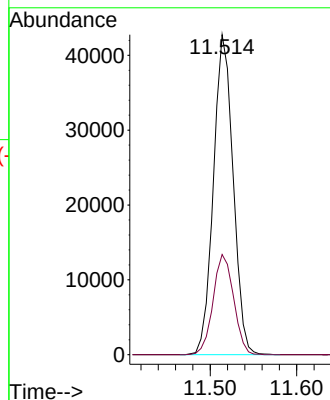
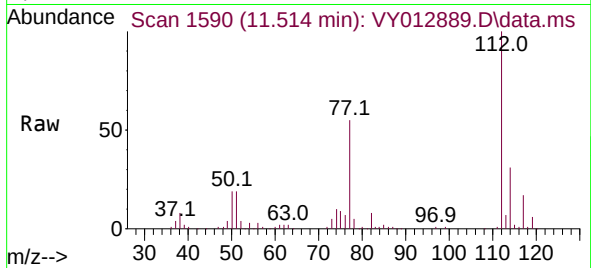




#65
Chlorobenzene
Concen: 21.967 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

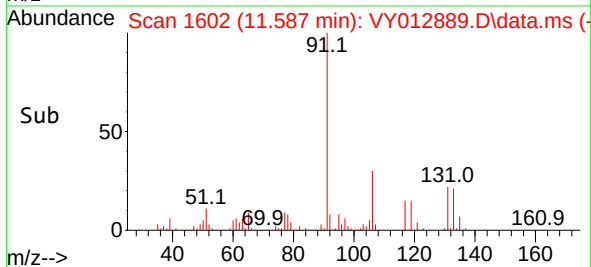
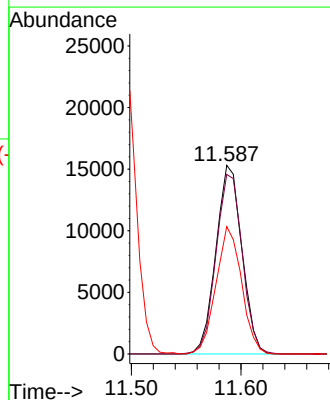
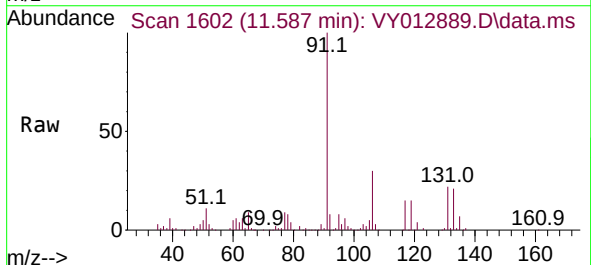
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

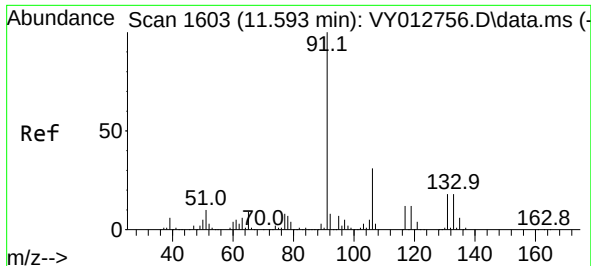
Tgt Ion:112 Resp: 67538
Ion Ratio Lower Upper
112 100
114 31.3 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.176 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:131 Resp: 25229
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 21.783 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

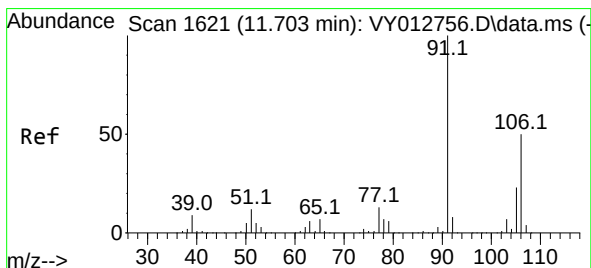
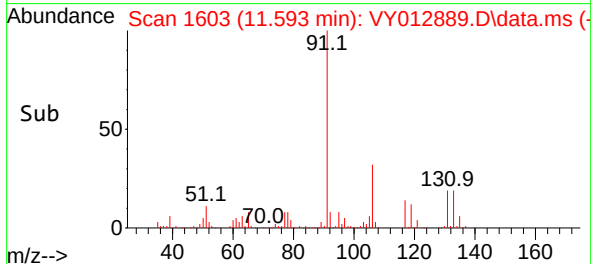
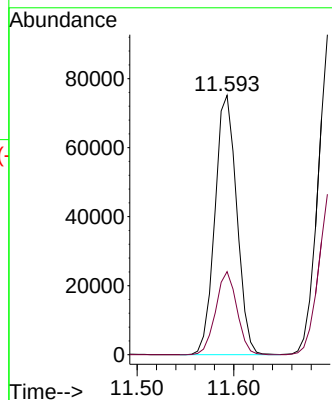
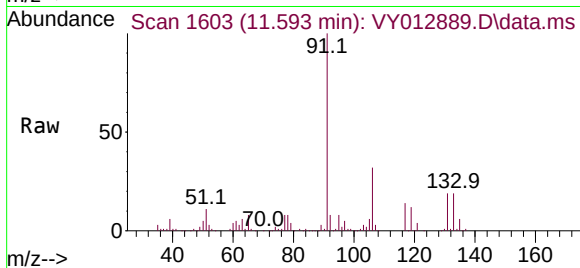
VY0309SBS01

Tgt Ion: 91 Resp: 117748

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



#68

m/p-Xylenes

Concen: 44.145 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012889.D

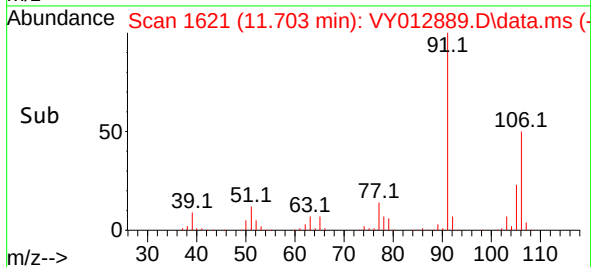
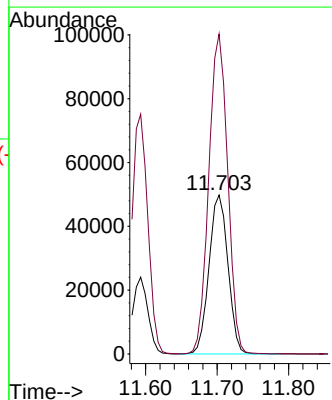
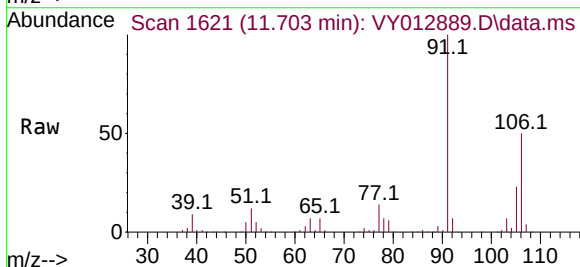
Acq: 09 Mar 2023 11:20

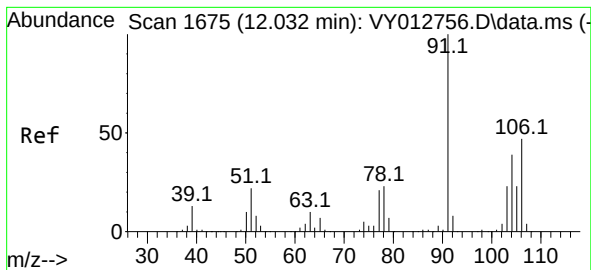
Tgt Ion:106 Resp: 91799

Ion Ratio Lower Upper

106 100

91 200.8 159.8 239.8

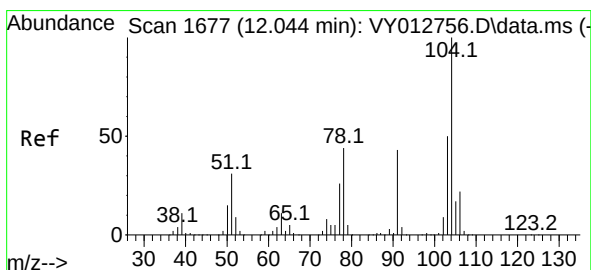
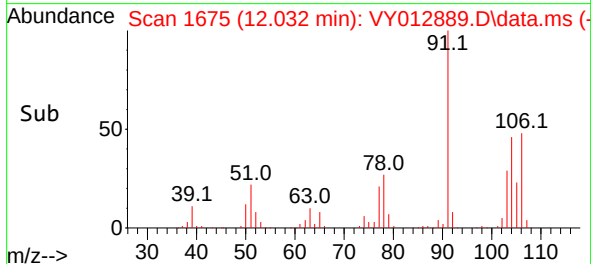
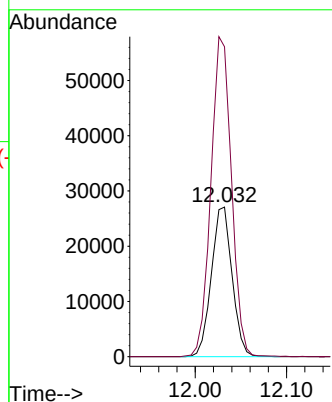
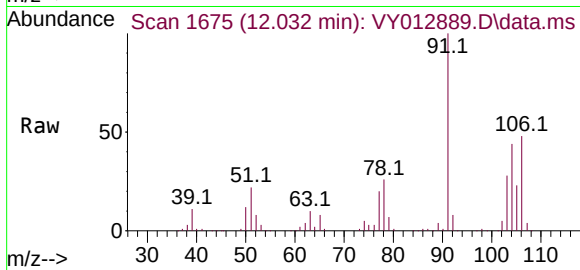




#69
o-Xylene
Concen: 21.948 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

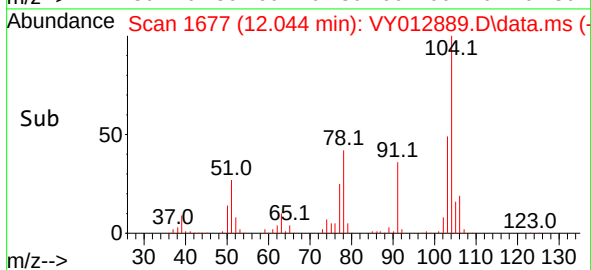
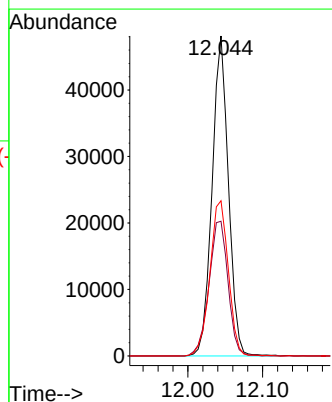
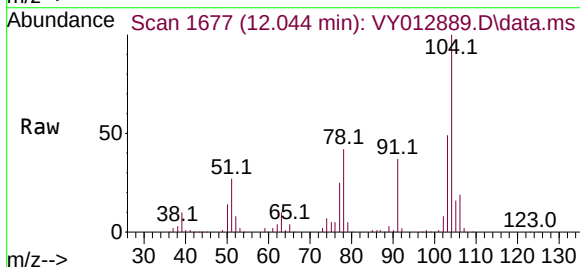
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

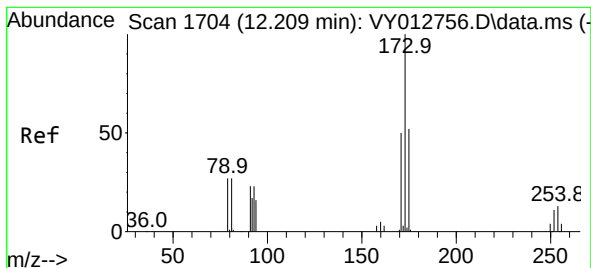
Tgt Ion:106 Resp: 42596
Ion Ratio Lower Upper
106 100
91 212.3 107.2 321.6



#70
Styrene
Concen: 22.545 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:104 Resp: 73016
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 23.198 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

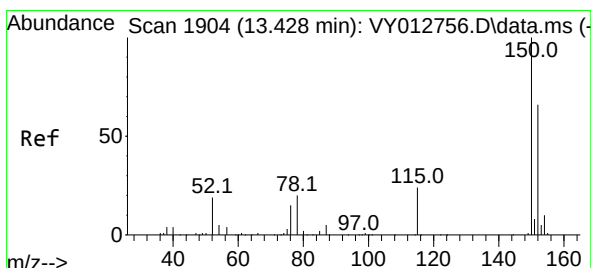
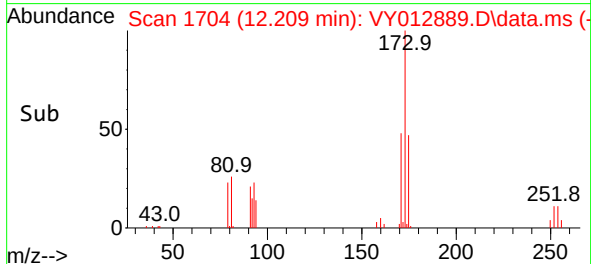
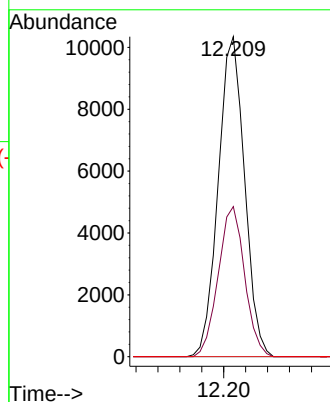
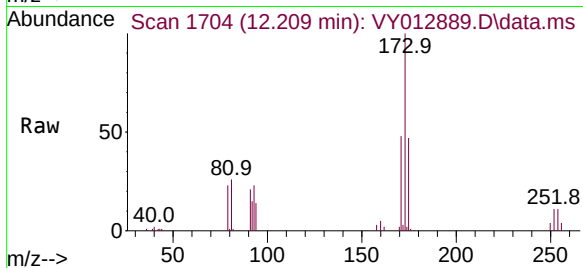
Tgt Ion:173 Resp: 17208

Ion Ratio Lower Upper

173 100

175 47.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

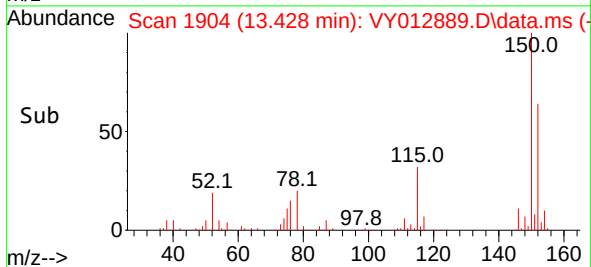
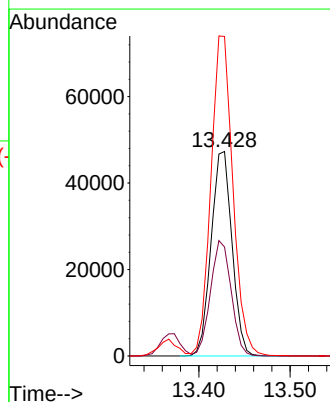
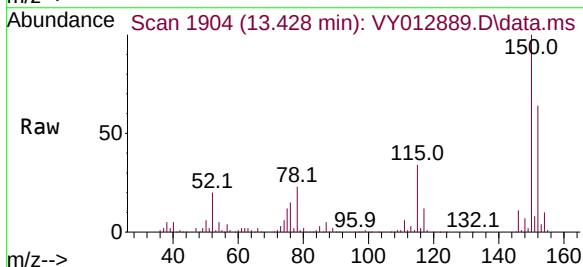
Tgt Ion:152 Resp: 75124

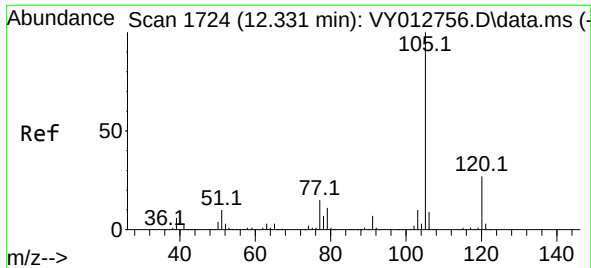
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 164.7 0.0 347.8

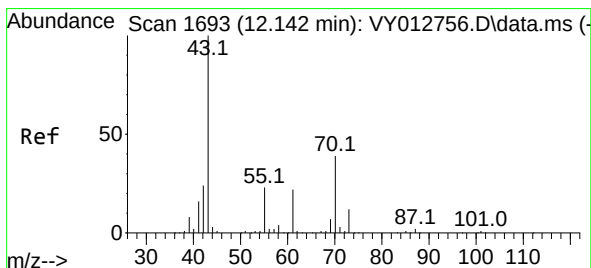
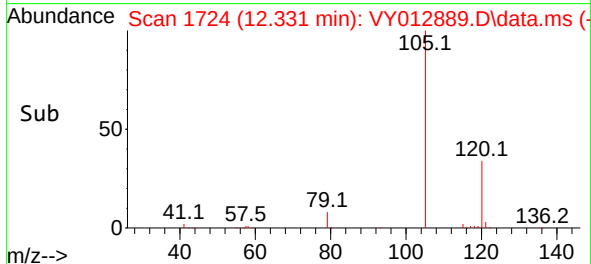
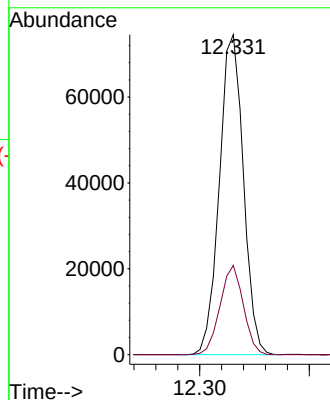
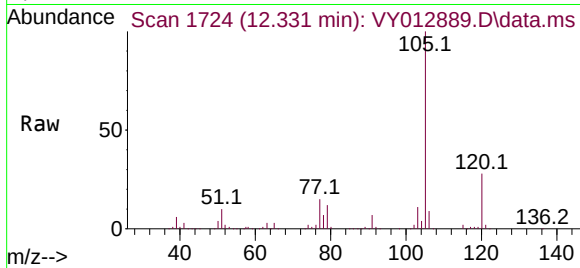




#73
Isopropylbenzene
Concen: 21.331 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

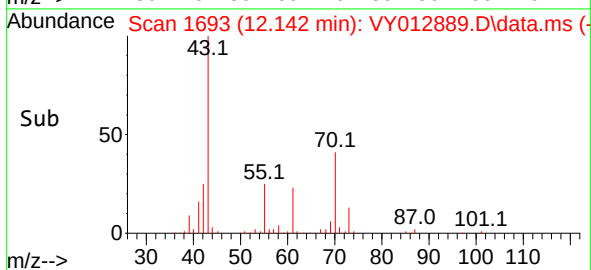
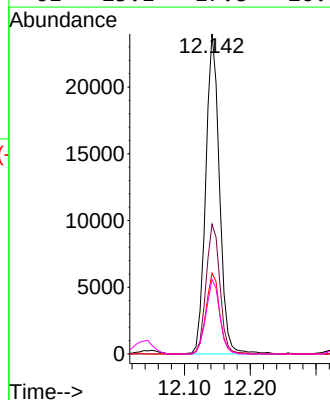
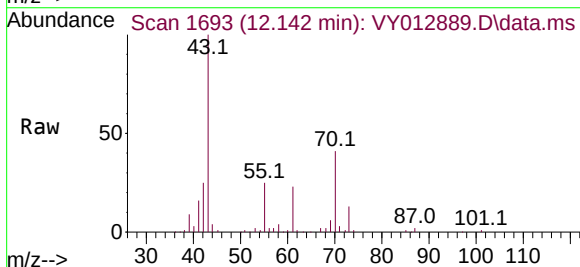
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

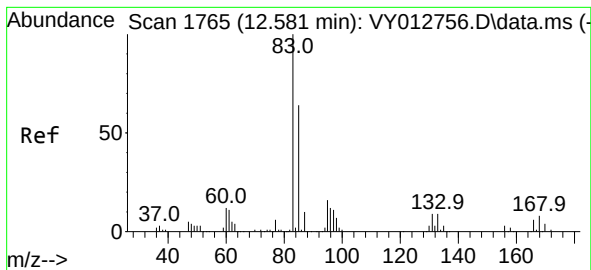
Tgt Ion:105 Resp: 113571
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 20.835 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 43 Resp: 34902
Ion Ratio Lower Upper
43 100
70 40.5 31.6 47.4
55 25.3 18.8 28.2
61 23.1 17.8 26.8

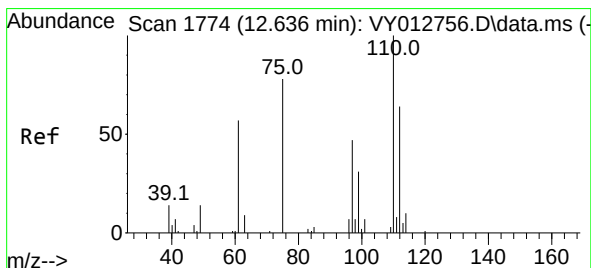
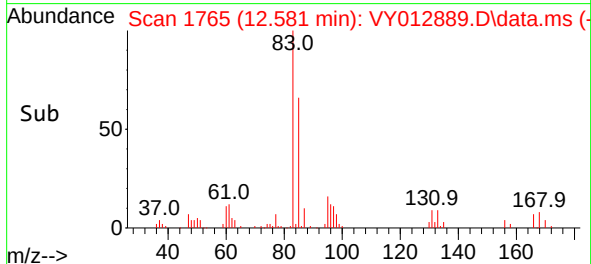
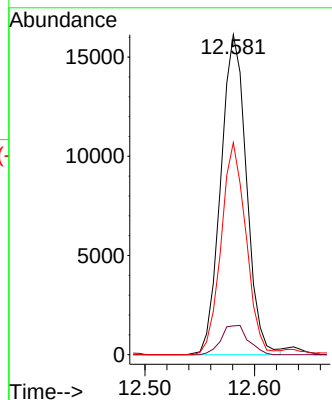
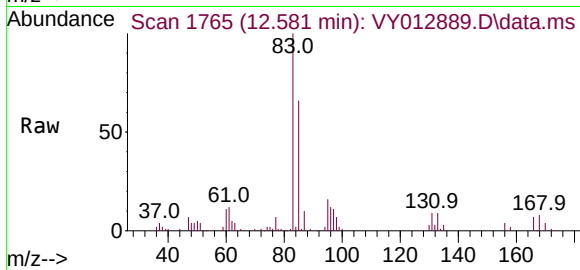




#75
1,1,2,2-Tetrachloroethane
Concen: 21.939 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

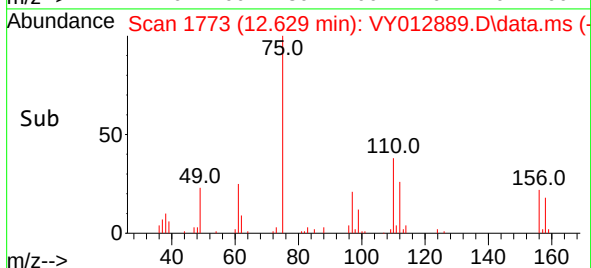
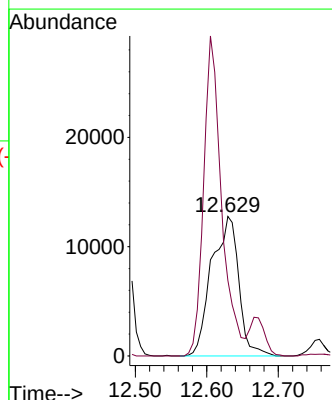
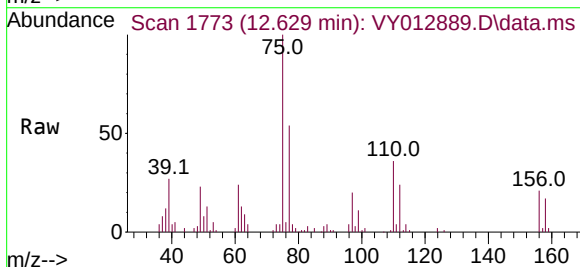
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

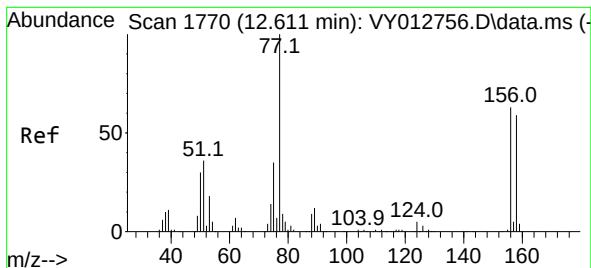
Tgt Ion: 83 Resp: 26257
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 64.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 37.442 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 75 Resp: 33589
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.715 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

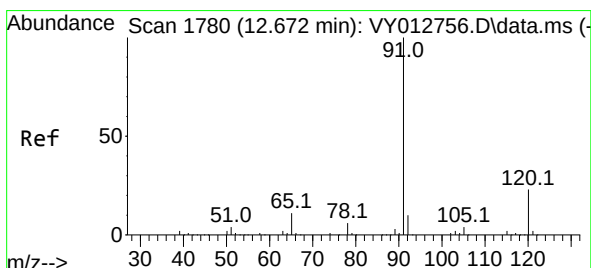
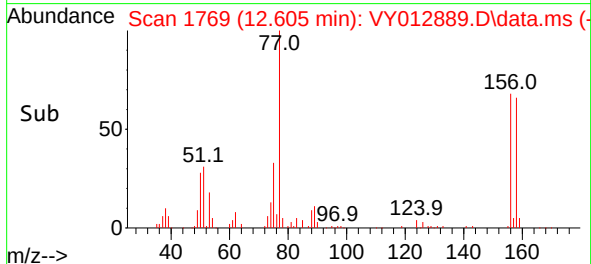
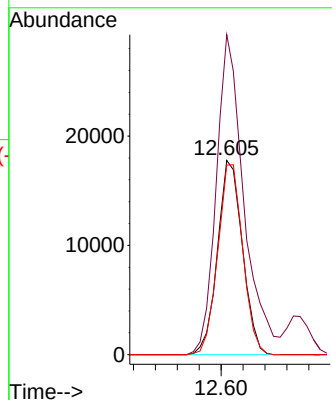
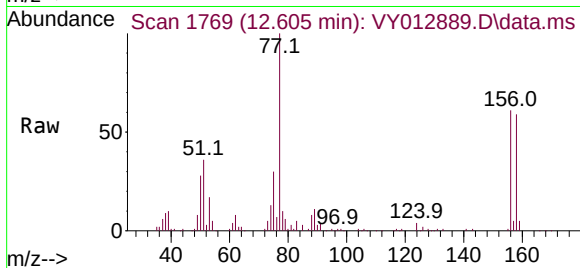
Tgt Ion:156 Resp: 28086

Ion Ratio Lower Upper

156 100

77 183.0 94.0 282.1

158 98.1 48.1 144.4



#78

n-propylbenzene

Concen: 21.588 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012889.D

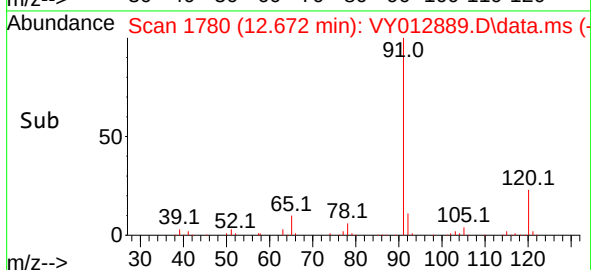
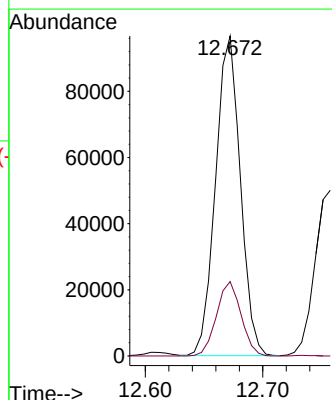
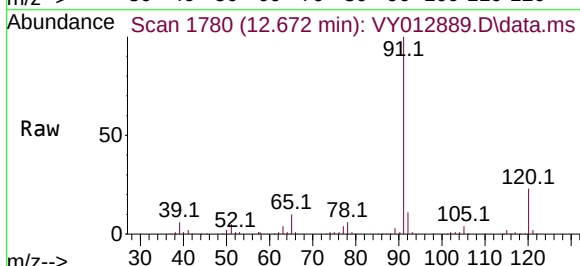
Acq: 09 Mar 2023 11:20

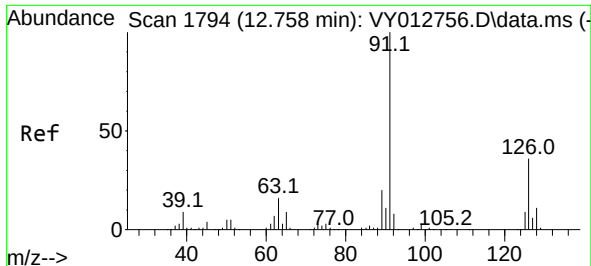
Tgt Ion: 91 Resp: 141707

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.574 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

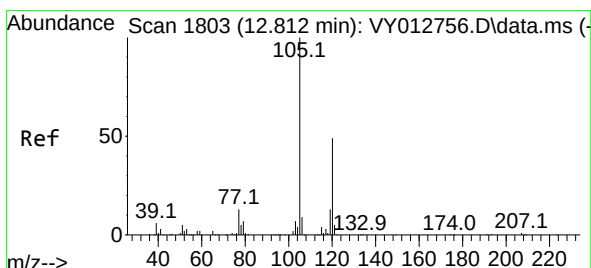
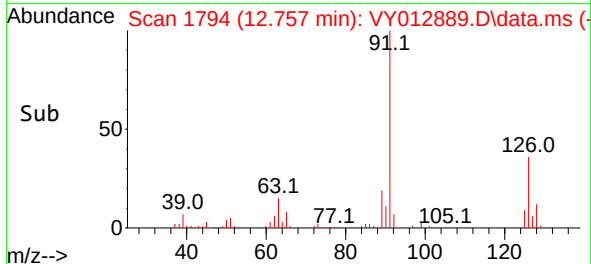
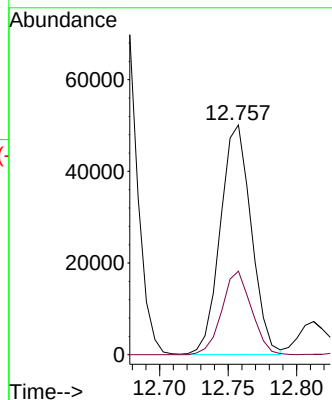
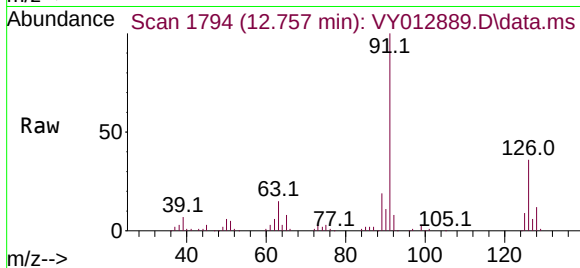
VY0309SBSD01

Tgt Ion: 91 Resp: 78706

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.571 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012889.D

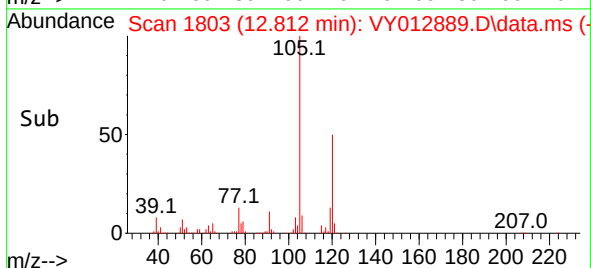
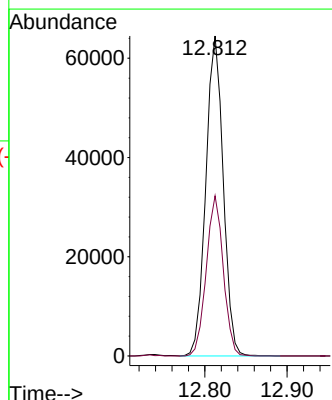
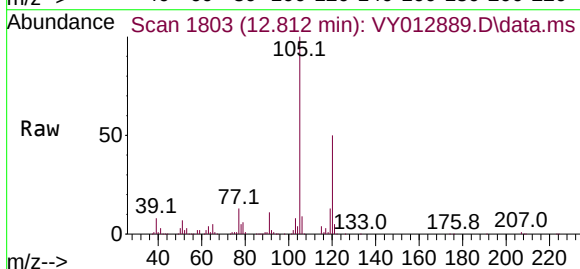
Acq: 09 Mar 2023 11:20

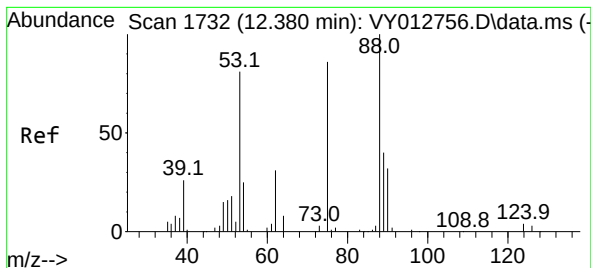
Tgt Ion:105 Resp: 94780

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

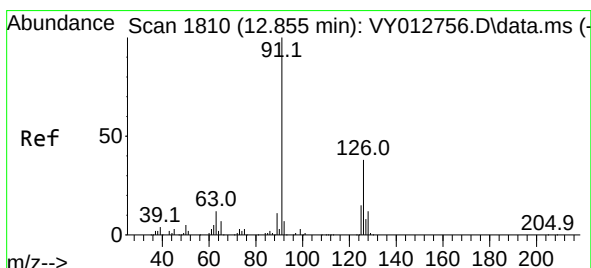
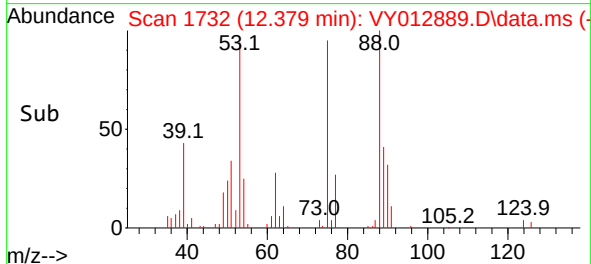
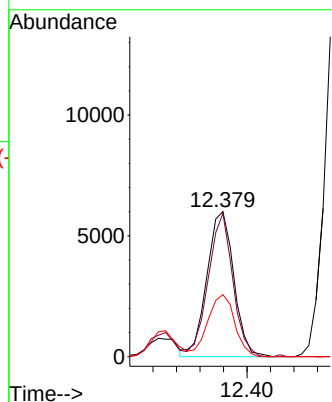
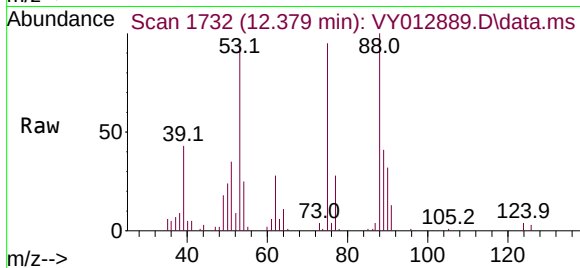




#81
trans-1,4-Dichloro-2-butene
Concen: 22.062 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

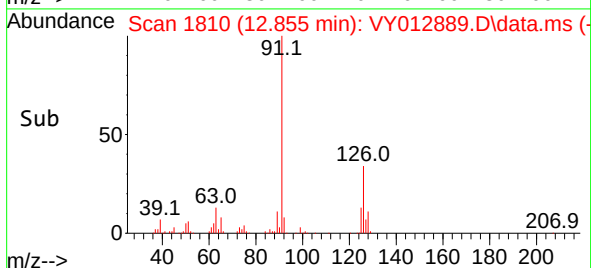
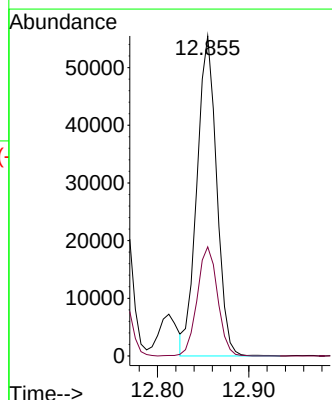
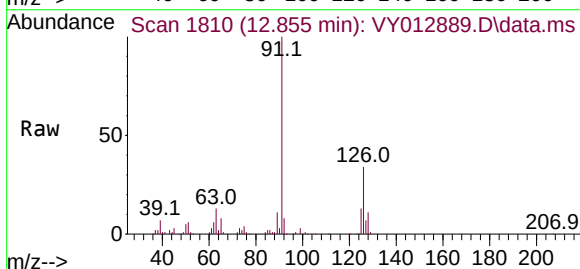
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

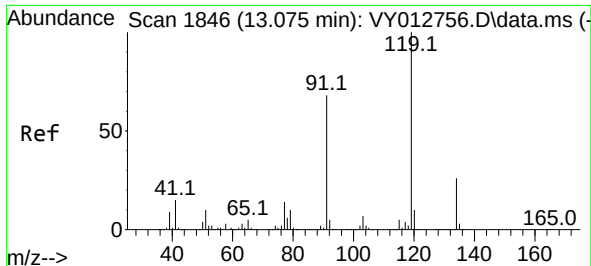
Tgt Ion:	75	Resp:	9552
Ion	Ratio	Lower	Upper
75	100		
53	89.8	73.4	110.0
89	42.8	36.6	55.0



#82
4-Chlorotoluene
Concen: 22.045 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:	91	Resp:	83250
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.7	53.1

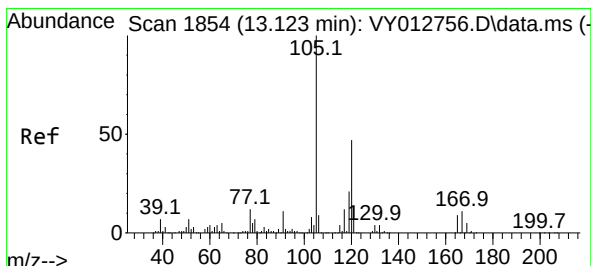
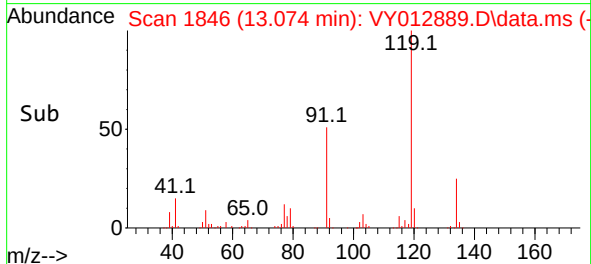
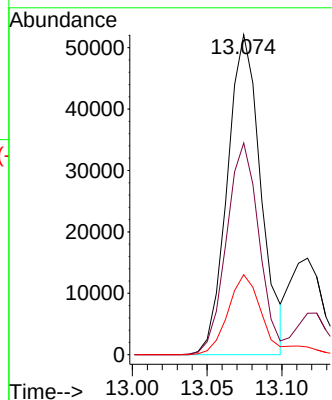
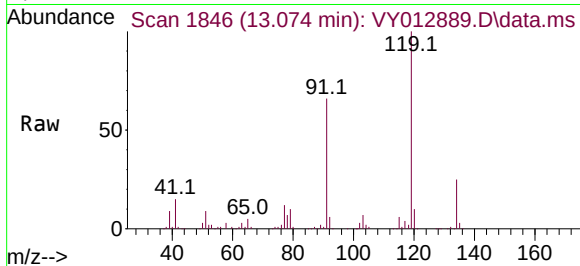




#83
tert-Butylbenzene
Concen: 21.464 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

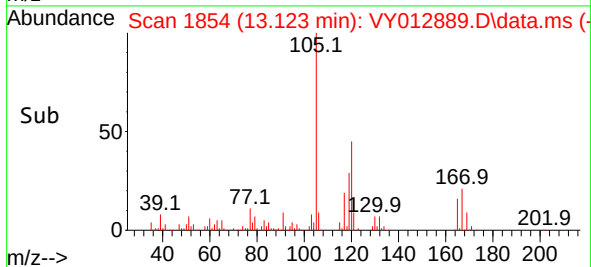
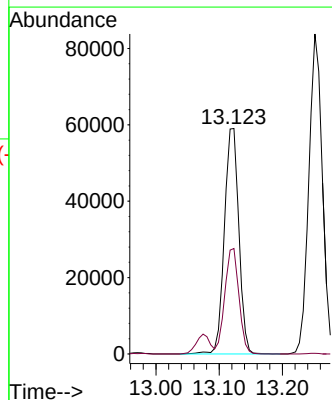
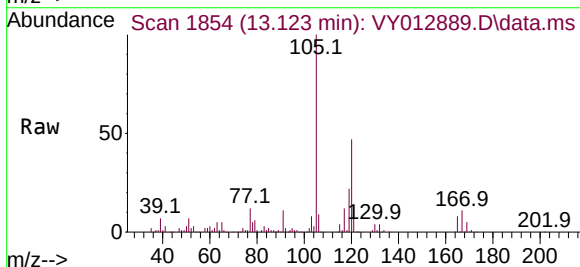
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBSD01

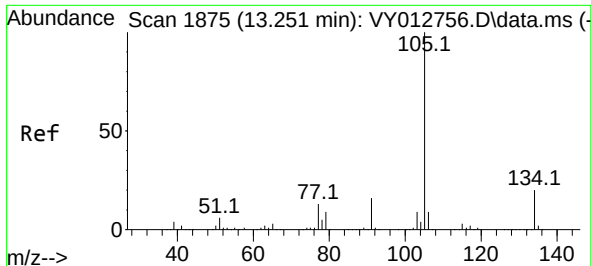
Tgt Ion:119 Resp: 81400
Ion Ratio Lower Upper
119 100
91 64.2 32.8 98.3
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.760 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion:105 Resp: 93491
Ion Ratio Lower Upper
105 100
120 45.6 23.0 69.0

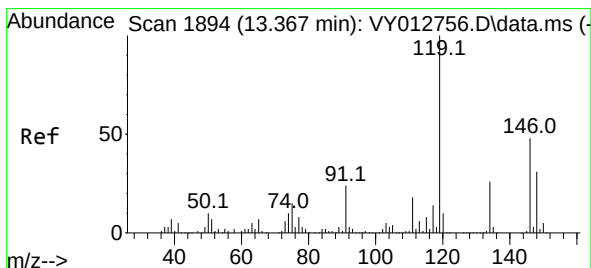
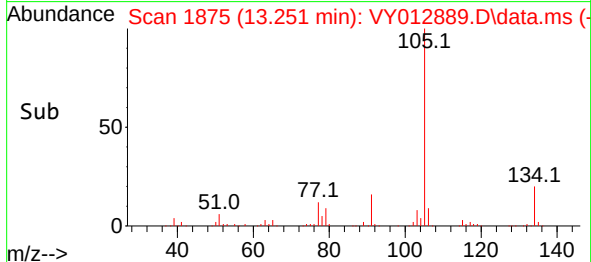
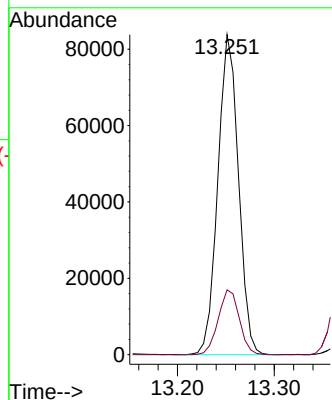
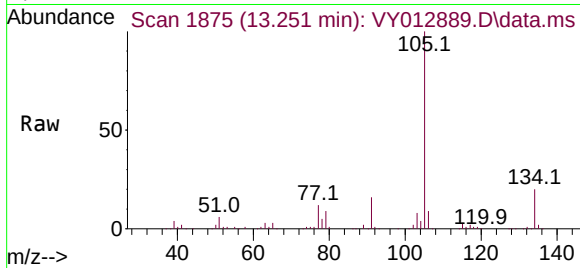




#85
 sec-Butylbenzene
 Concen: 21.391 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

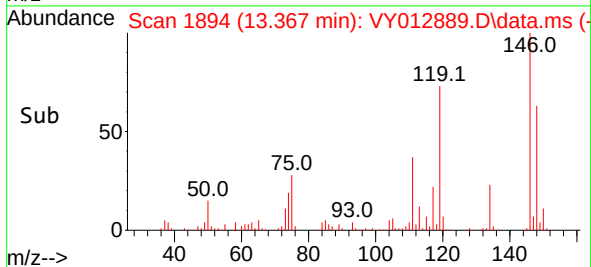
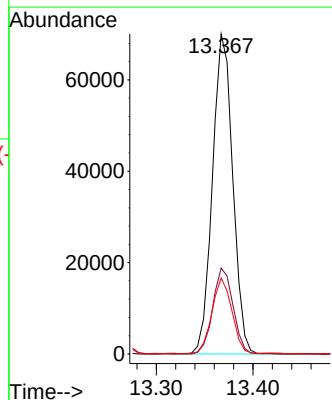
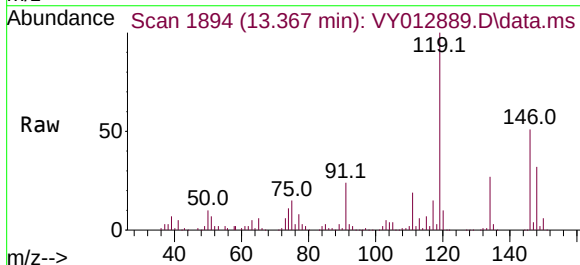
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBSD01

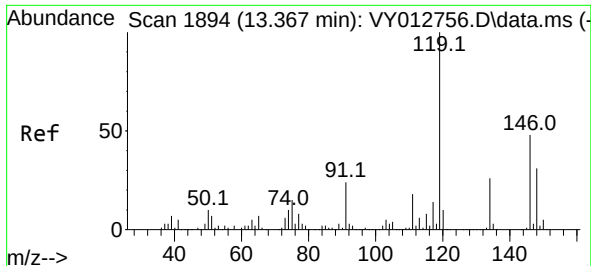
Tgt Ion:105 Resp: 123756
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.554 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012889.D
 Acq: 09 Mar 2023 11:20

Tgt Ion:119 Resp: 101914
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.918 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

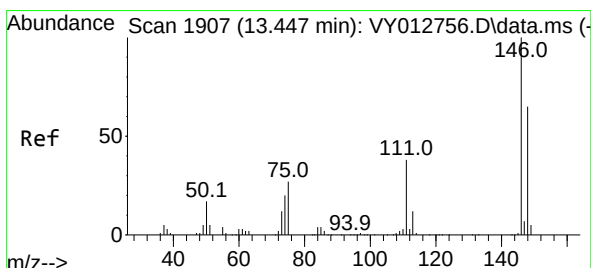
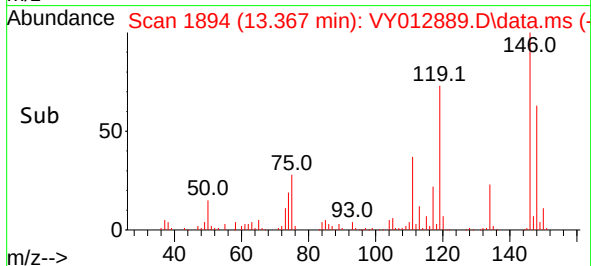
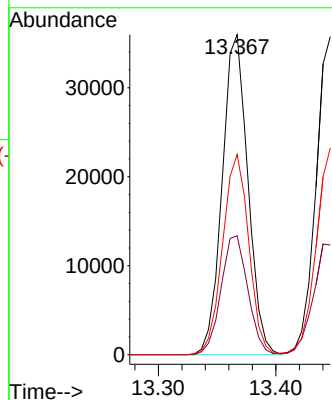
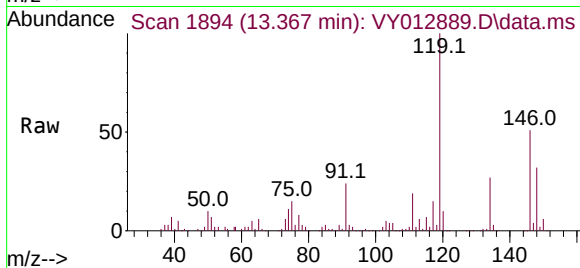
Tgt Ion:146 Resp: 54675

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.571 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

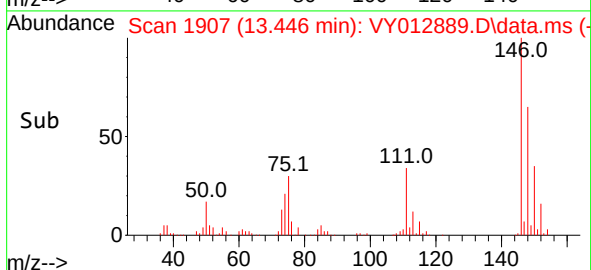
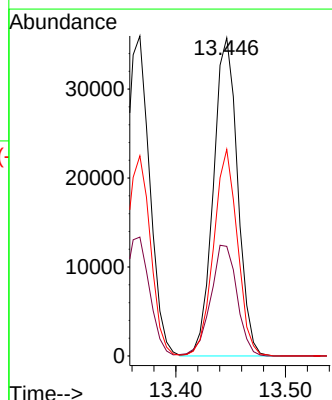
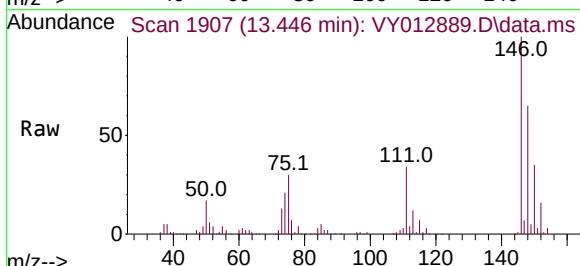
Tgt Ion:146 Resp: 54919

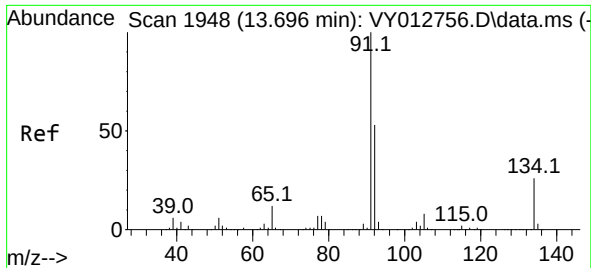
Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

148 63.9 31.5 94.5

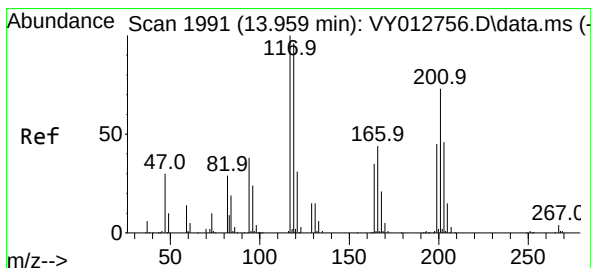
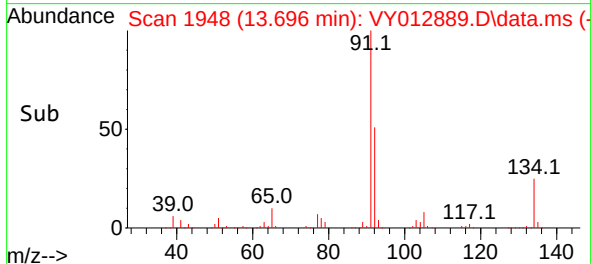
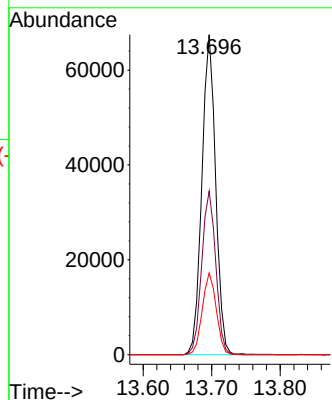
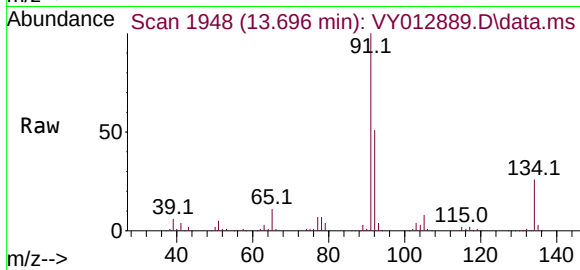




#89
n-Butylbenzene
Concen: 20.902 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

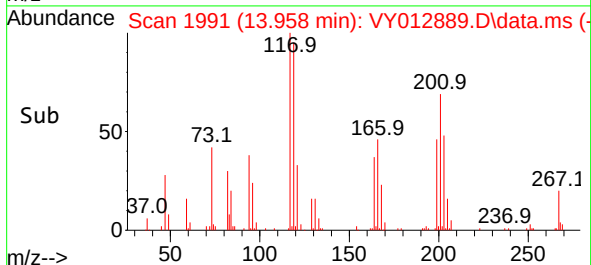
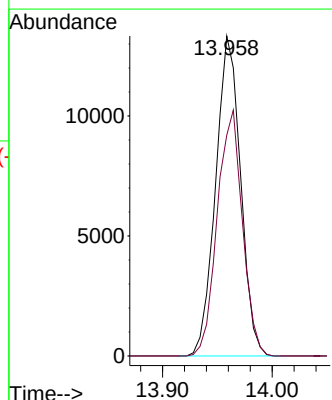
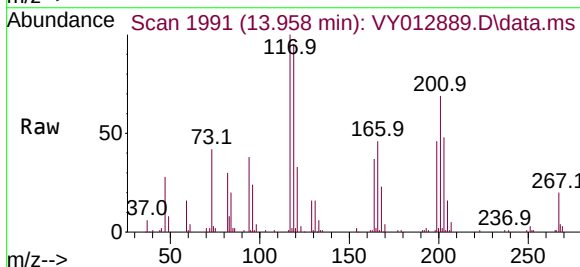
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

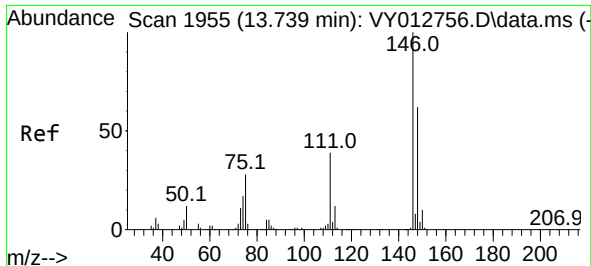
Tgt Ion: 91 Resp: 94615
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 21.414 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 117 Resp: 21089
Ion Ratio Lower Upper
117 100
201 77.3 39.4 118.1

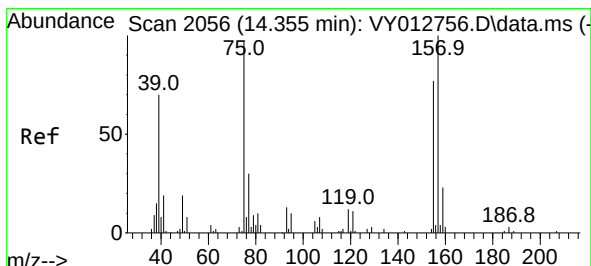
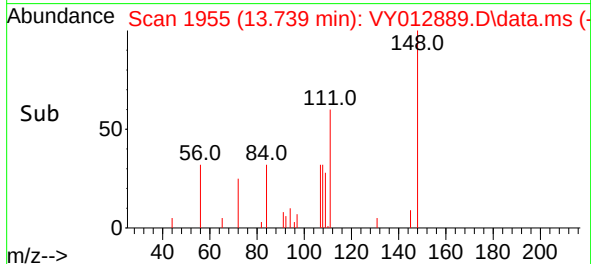
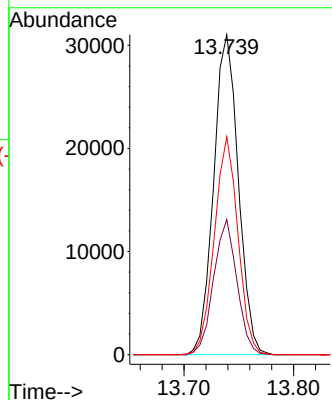
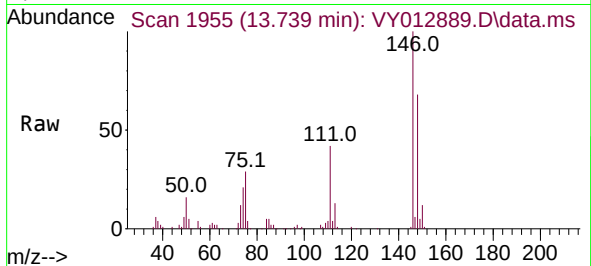




#91
1,2-Dichlorobenzene
Concen: 21.531 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

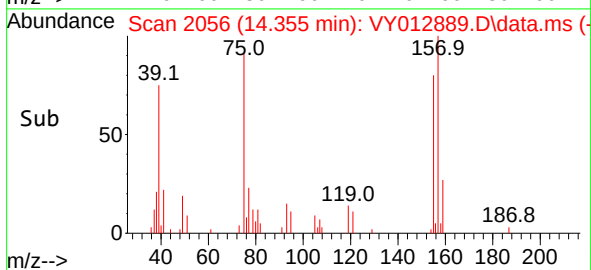
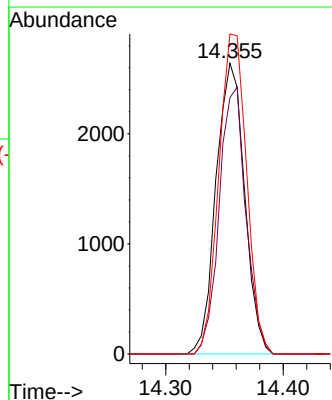
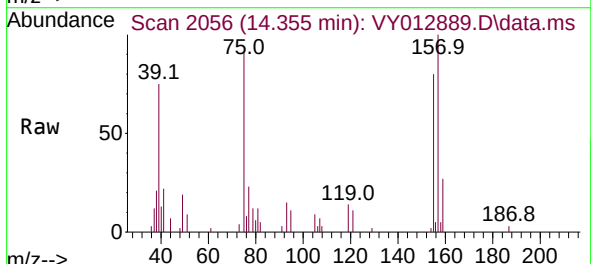
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBSD01

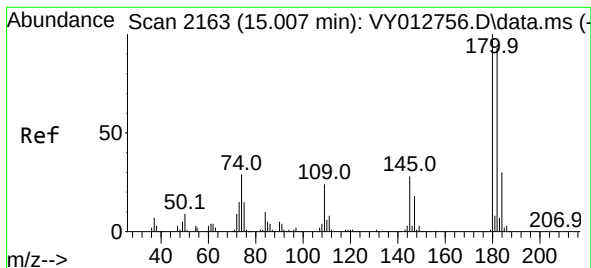
Tgt Ion:146 Resp: 48552
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 65.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.981 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012889.D
Acq: 09 Mar 2023 11:20

Tgt Ion: 75 Resp: 4445
Ion Ratio Lower Upper
75 100
155 86.0 43.8 131.4
157 107.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.497 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

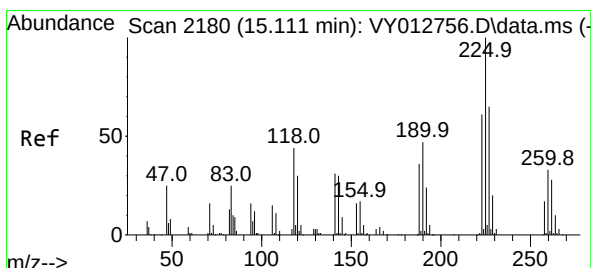
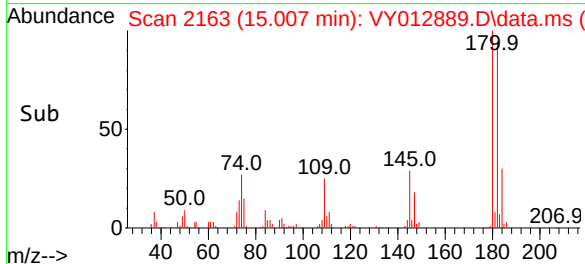
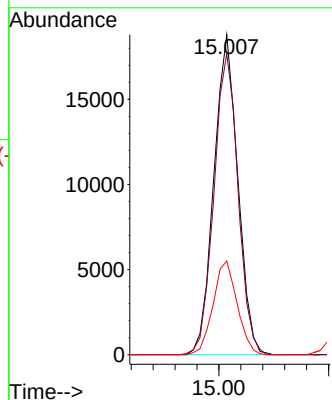
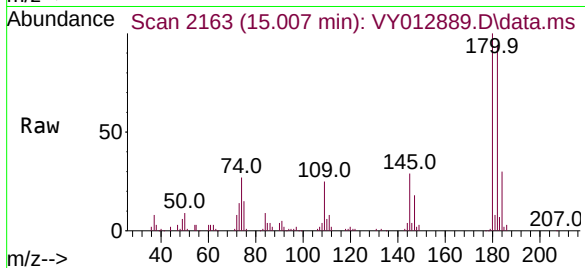
Tgt Ion:180 Resp: 28458

Ion Ratio Lower Upper

180 100

182 94.6 46.7 140.1

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.021 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

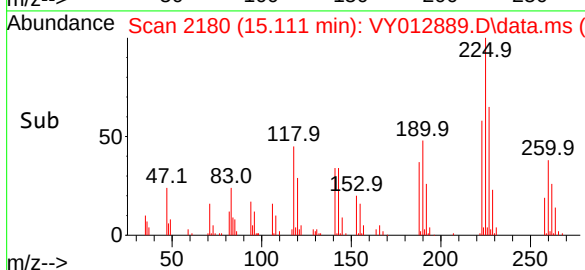
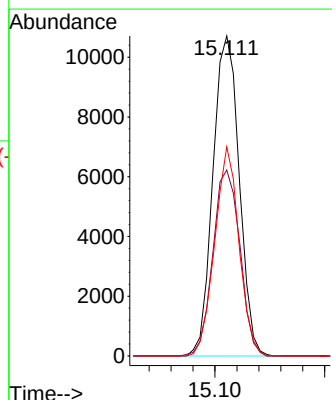
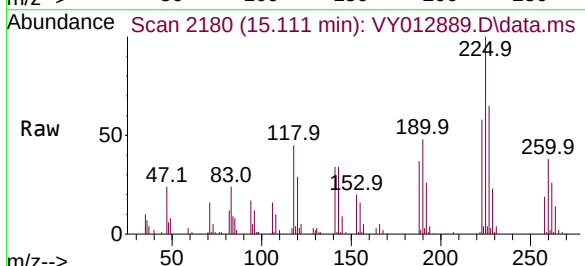
Tgt Ion:225 Resp: 17801

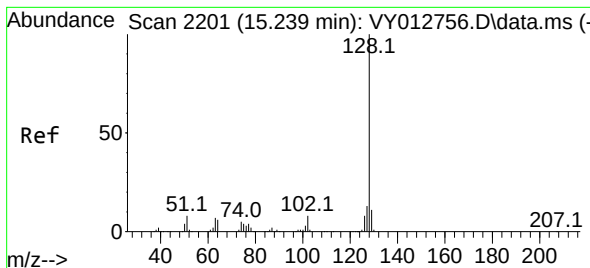
Ion Ratio Lower Upper

225 100

223 59.8 31.1 93.3

227 60.5 32.4 97.0





#95

Naphthalene

Concen: 20.124 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

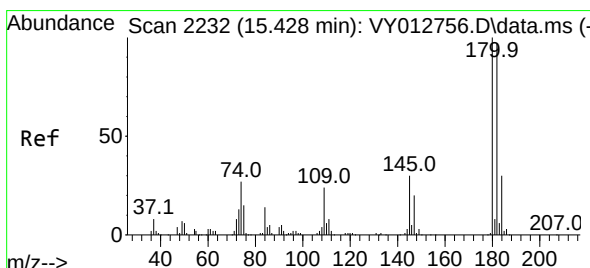
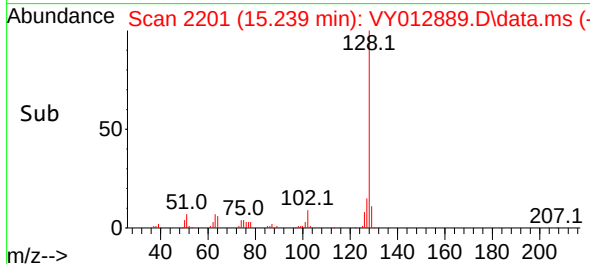
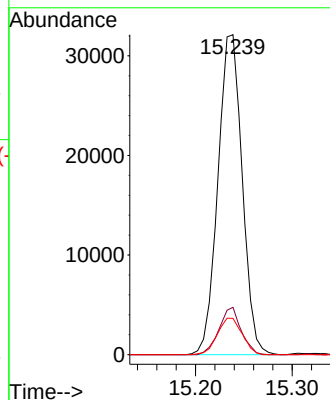
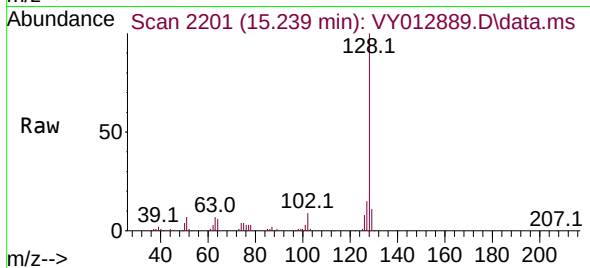
Tgt Ion:128 Resp: 55991

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.514 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012889.D

Acq: 09 Mar 2023 11:20

Tgt Ion:180 Resp: 25331

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 30.8 15.3 45.8

