

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012436.D
 Acq On : 01 Feb 2023 12:42
 Operator : KP/MD
 Sample : VY0201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

Quant Time: Feb 01 23:03:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70277	47.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.040%		
35) Dibromofluoromethane	7.716	113	65988	45.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.420%		
50) Toluene-d8	10.179	98	231299	45.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.780%		
62) 4-Bromofluorobenzene	12.483	95	91552	44.991	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32434	20.684	ug/l	99
3) Chloromethane	2.113	50	29846	20.617	ug/l	100
4) Vinyl Chloride	2.253	62	36193	21.420	ug/l	99
5) Bromomethane	2.643	94	27997	21.431	ug/l	95
6) Chloroethane	2.796	64	23887	21.677	ug/l	96
7) Trichlorofluoromethane	3.125	101	69278	21.008	ug/l	97
8) Diethyl Ether	3.527	74	21138	21.541	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	35483	22.108	ug/l	95
10) Methyl Iodide	4.094	142	45413	18.619	ug/l	98
11) Tert butyl alcohol	4.942	59	33283	185.388	ug/l #	74
12) 1,1-Dichloroethene	3.875	96	35997	21.843	ug/l	91
13) Acrolein	3.729	56	7944	100.492	ug/l	97
14) Allyl chloride	4.485	41	43960	21.573	ug/l #	89
15) Acrylonitrile	5.161	53	48386	112.887	ug/l	99
16) Acetone	3.948	43	50904	101.879	ug/l	97
17) Carbon Disulfide	4.198	76	100138	19.644	ug/l	98
18) Methyl Acetate	4.479	43	25049	22.404	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	98679	21.480	ug/l	99
20) Methylene Chloride	4.716	84	58815	23.977	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	39548	21.505	ug/l	95
22) Diisopropyl ether	6.118	45	91598	22.547	ug/l #	88
23) Vinyl Acetate	6.064	43	275069	108.660	ug/l	95
24) 1,1-Dichloroethane	6.021	63	61978	21.995	ug/l	97
25) 2-Butanone	6.984	43	61096	110.760	ug/l	90
26) 2,2-Dichloropropane	6.984	77	66996	21.902	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	43037	21.305	ug/l	96
28) Bromochloromethane	7.332	49	12820	20.832	ug/l #	76
29) Tetrahydrofuran	7.350	42	33518	110.623	ug/l #	82
30) Chloroform	7.508	83	71103	21.376	ug/l	99
31) Cyclohexane	7.783	56	55447	21.194	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	69640	21.148	ug/l	97
36) 1,1-Dichloropropene	7.923	75	51905	21.157	ug/l	98
37) Ethyl Acetate	7.070	43	23238	21.487	ug/l #	93
38) Carbon Tetrachloride	7.905	117	66163	20.882	ug/l	95
39) Methylcyclohexane	9.185	83	65032	21.692	ug/l	93
40) Benzene	8.161	78	152165	21.490	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	33196	52.219	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	46987	20.844	ug/l	99
43) Isopropyl Acetate	8.271	43	44367	22.050	ug/l #	93
44) Trichloroethene	8.941	130	45581	21.537	ug/l	98
45) 1,2-Dichloropropane	9.215	63	33366	22.583	ug/l	98
46) Dibromomethane	9.307	93	21288	21.522	ug/l	97
47) Bromodichloromethane	9.496	83	53388	21.443	ug/l	100
48) Methyl methacrylate	9.295	41	19643	21.188	ug/l	88
49) 1,4-Dioxane	9.301	88	6384	473.666	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	119523	111.400	ug/l	95
52) Toluene	10.246	92	102737	21.792	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	55382	21.265	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	59237	21.120	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	30705	21.849	ug/l	94
56) Ethyl methacrylate	10.508	69	39420	21.382	ug/l	96
57) 1,3-Dichloropropane	10.788	76	50562	22.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	64822	106.258	ug/l	89
59) 2-Hexanone	10.831	43	90536	110.833	ug/l	94
60) Dibromochloromethane	10.983	129	40532	21.746	ug/l	100
61) 1,2-Dibromoethane	11.087	107	29092	21.454	ug/l	99
64) Tetrachloroethene	10.721	164	50825	22.552	ug/l	95
65) Chlorobenzene	11.514	112	109437	21.656	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42183	22.115	ug/l	97
67) Ethyl Benzene	11.593	91	196487	21.756	ug/l	98
68) m/p-Xylenes	11.703	106	156385	43.795	ug/l	97
69) o-Xylene	12.032	106	74056	21.713	ug/l	98
70) Styrene	12.044	104	124966	21.929	ug/l	99
71) Bromoform	12.209	173	27707	22.736	ug/l #	99
73) Isopropylbenzene	12.331	105	200695	21.708	ug/l	98
74) N-amyl acetate	12.142	43	37781	20.847	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	32033	21.998	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	48248	40.925	ug/l #	100
77) Bromobenzene	12.611	156	48023	21.587	ug/l	93
78) n-propylbenzene	12.672	91	236284	21.841	ug/l	99
79) 2-Chlorotoluene	12.758	91	132098	21.596	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	174138	21.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12937	22.610	ug/l	97
82) 4-Chlorotoluene	12.855	91	138646	21.579	ug/l	98
83) tert-Butylbenzene	13.075	119	148150	21.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	170617	21.527	ug/l	100
85) sec-Butylbenzene	13.251	105	218593	21.919	ug/l	98
86) p-Isopropyltoluene	13.367	119	188666	21.652	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	96498	21.810	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	94115	21.329	ug/l	99
89) n-Butylbenzene	13.696	91	164259	21.753	ug/l	99
90) Hexachloroethane	13.959	117	33639	21.385	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	85144	21.567	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6448	21.426	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	52153	20.617	ug/l	98
94) Hexachlorobutadiene	15.111	225	32858	21.574	ug/l	98
95) Naphthalene	15.239	128	100419	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	44999	20.672	ug/l	100

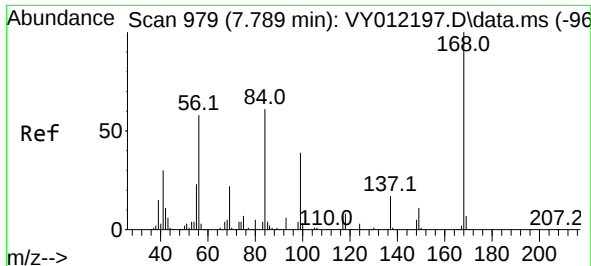
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012436.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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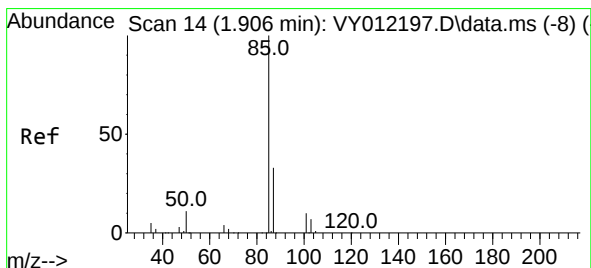
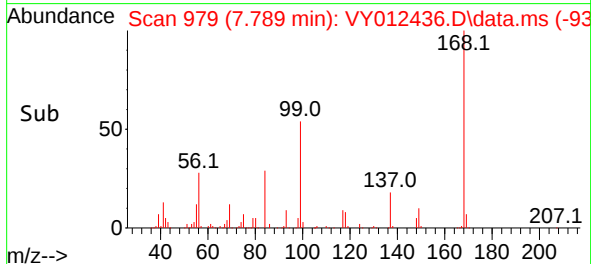
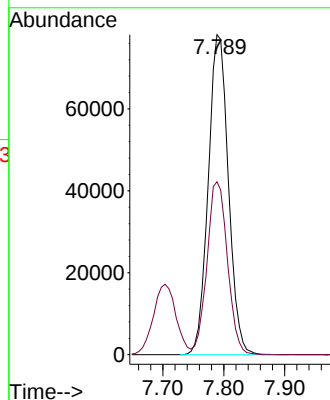
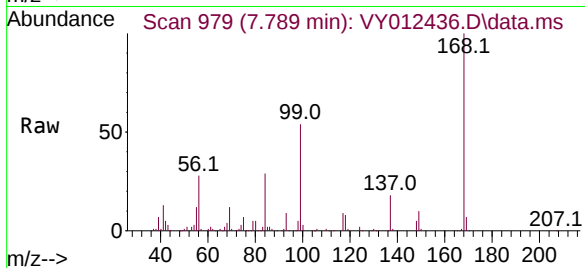
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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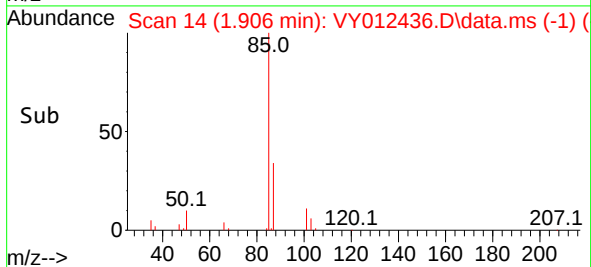
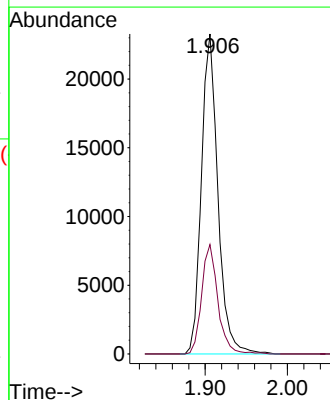
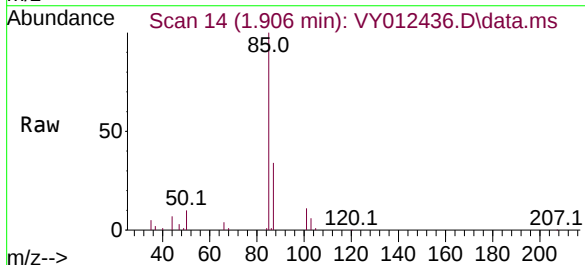
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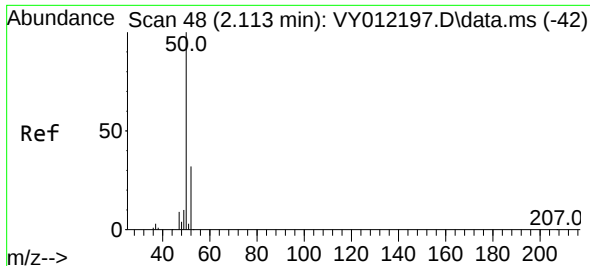
Tgt Ion:168 Resp: 179437
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 20.684 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 85 Resp: 32434
Ion Ratio Lower Upper
85 100
87 34.2 16.8 50.4

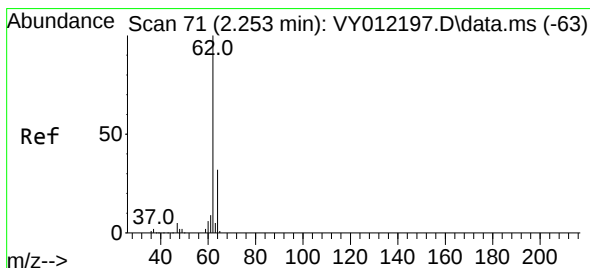
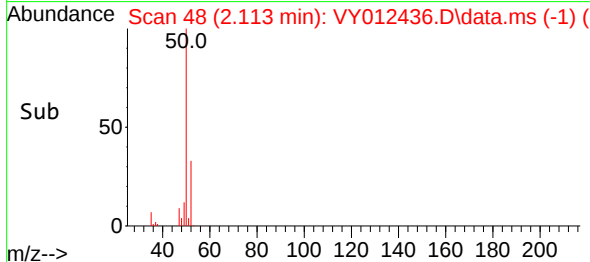
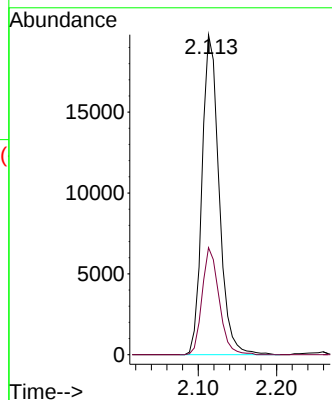
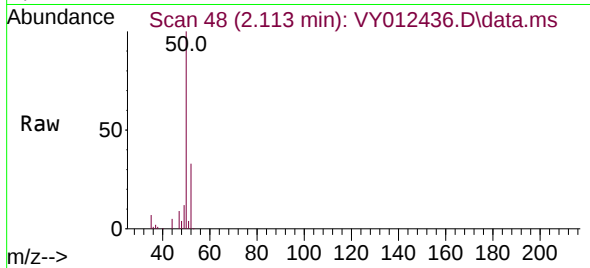




#3
Chloromethane
Concen: 20.617 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

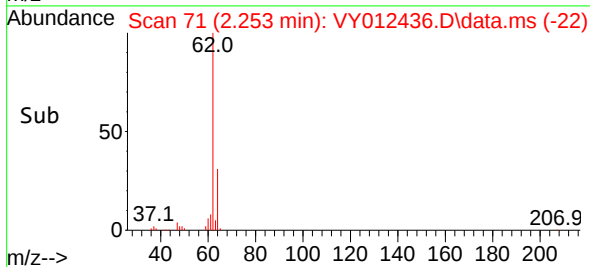
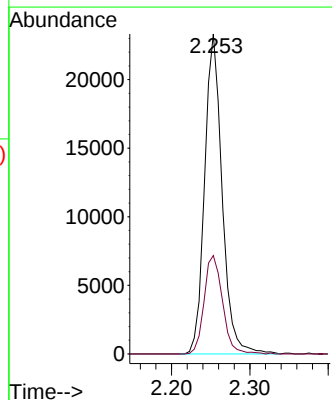
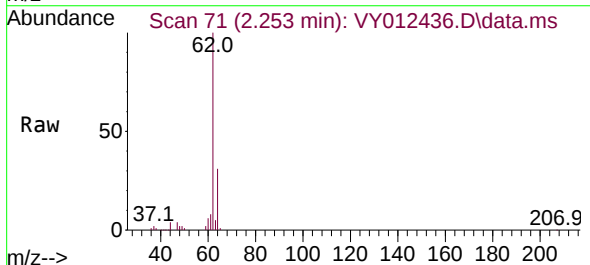
Instrument :
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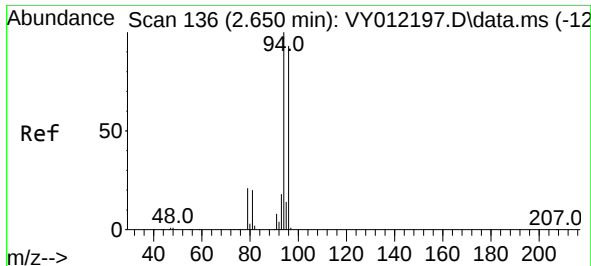
Tgt Ion: 50 Resp: 29846
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 21.420 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 62 Resp: 36193
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.6

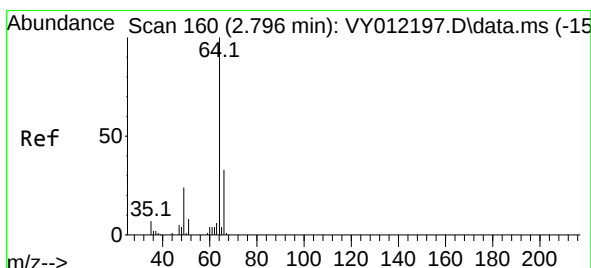
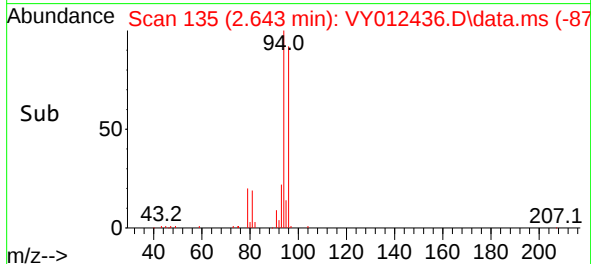
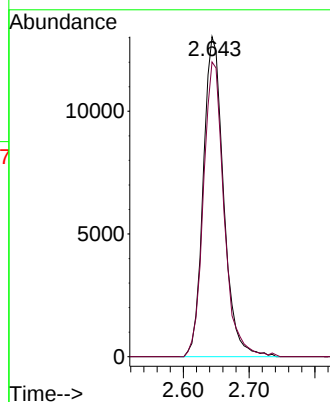
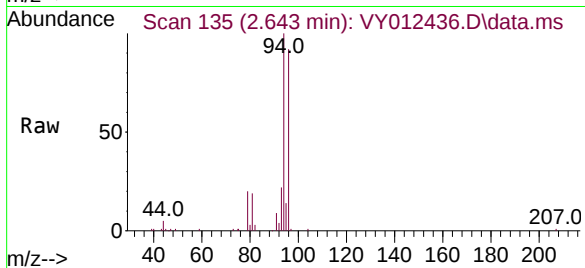




#5
Bromomethane
Concen: 21.431 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

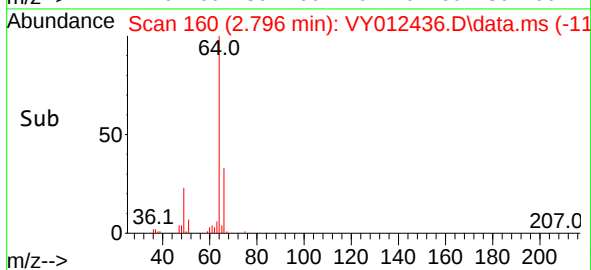
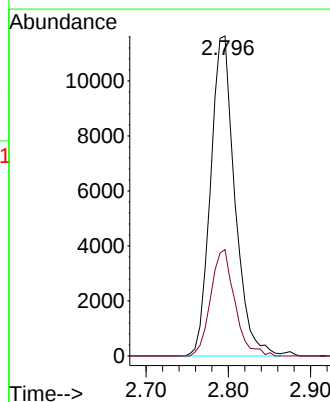
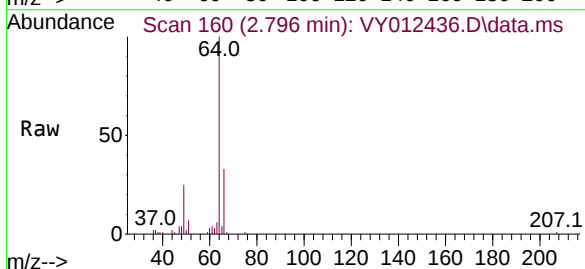
Instrument :
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Tgt Ion: 94 Resp: 27997
Ion Ratio Lower Upper
94 100
96 92.1 77.4 116.2



#6
Chloroethane
Concen: 21.677 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 64 Resp: 23887
Ion Ratio Lower Upper
64 100
66 33.2 25.0 37.4

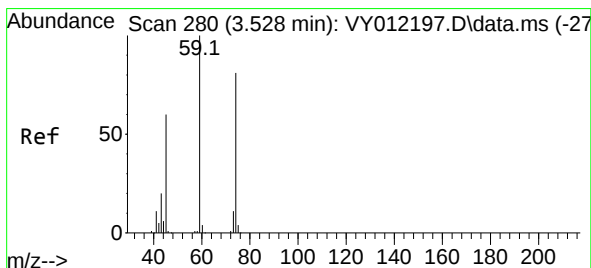
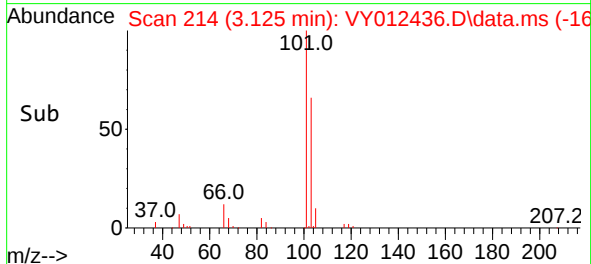
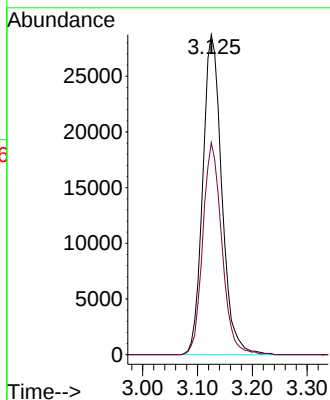
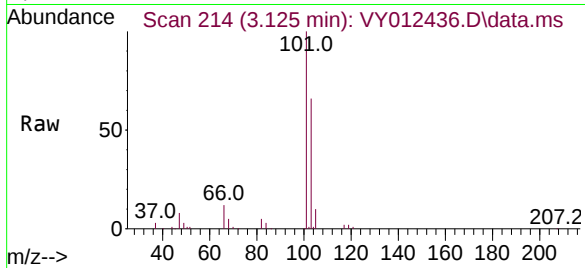




#7
 Trichlorofluoromethane
 Concen: 21.008 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012436.D
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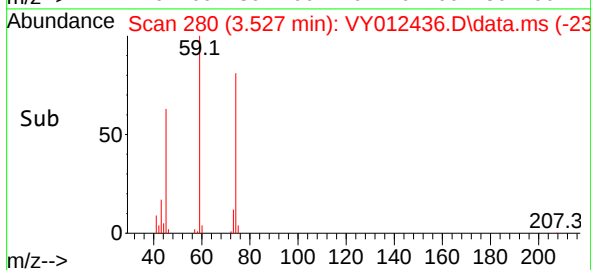
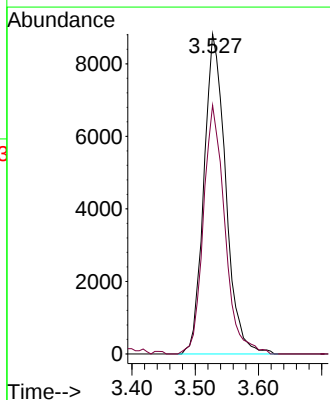
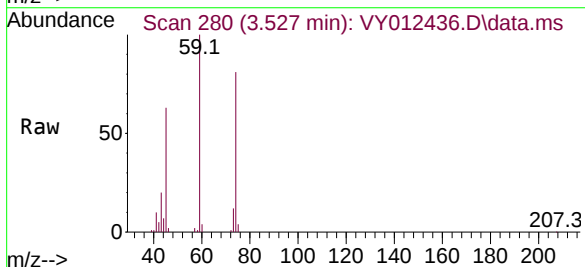
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBSD01

Tgt Ion:101 Resp: 69278
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.0 76.6



#8
 Diethyl Ether
 Concen: 21.541 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

Tgt Ion: 74 Resp: 21138
 Ion Ratio Lower Upper
 74 100
 45 76.6 46.8 140.3

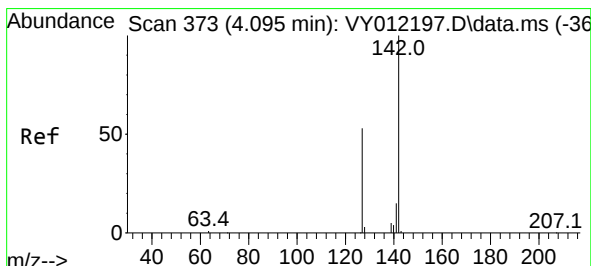
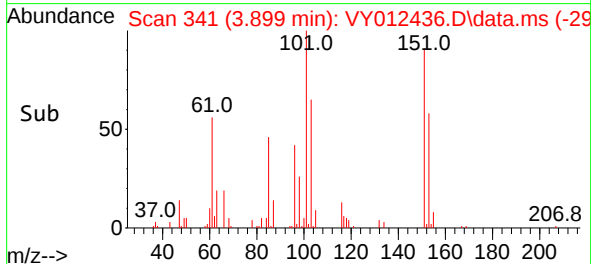
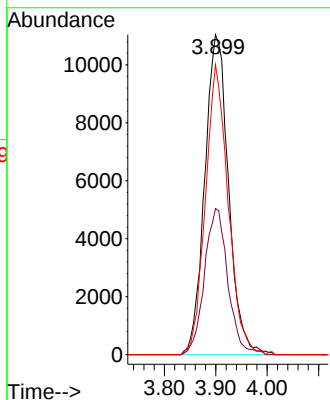
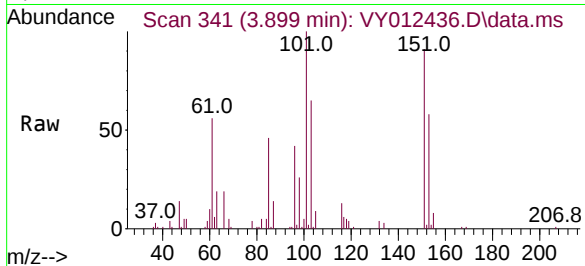




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.108 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012436.D
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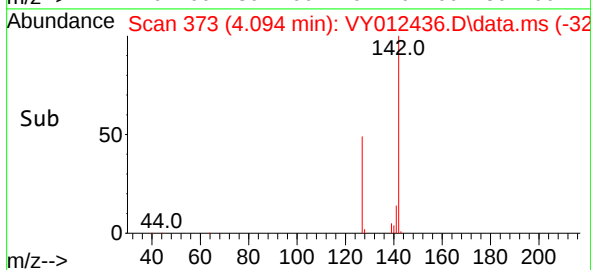
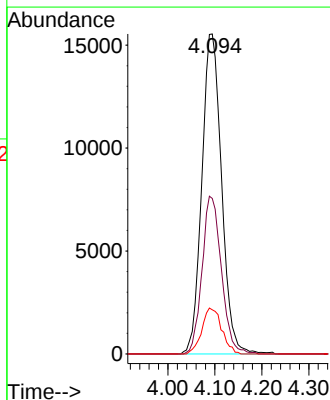
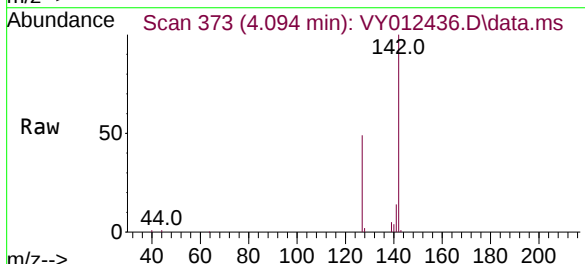
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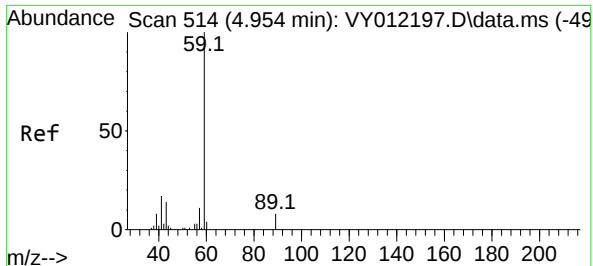
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Ion Ratio Lower Upper
101 100
85 44.9 36.2 54.2
151 86.8 64.2 96.2



#10
Methyl Iodide
Concen: 18.619 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion:142 Resp: 45413
Ion Ratio Lower Upper
142 100
127 48.2 37.0 55.4
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 185.388 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

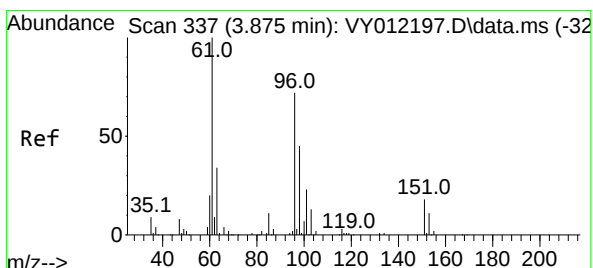
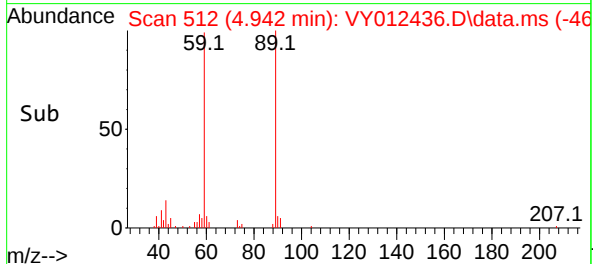
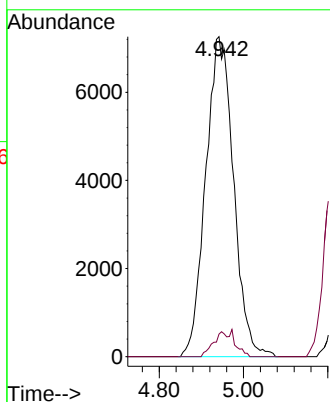
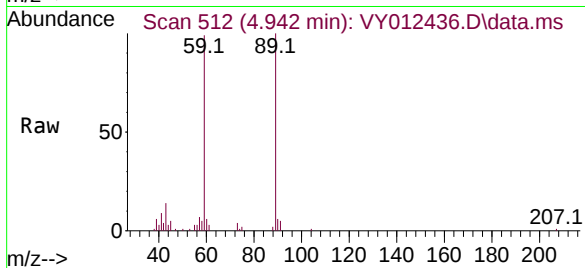
VY0201SBSD01

Tgt Ion: 59 Resp: 33283

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 21.843 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

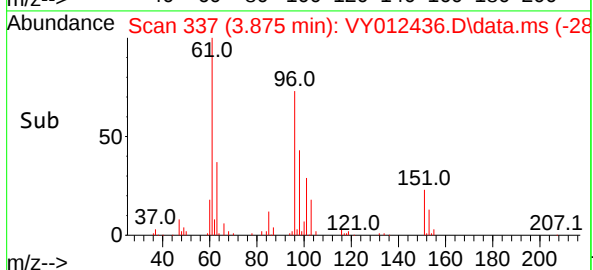
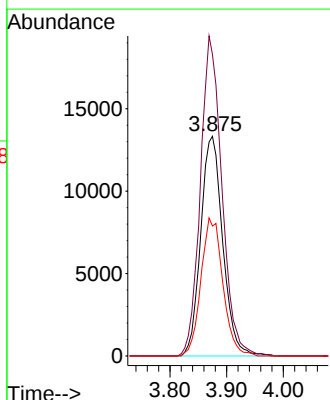
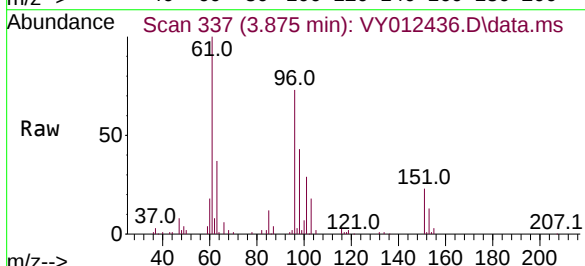
Tgt Ion: 96 Resp: 35997

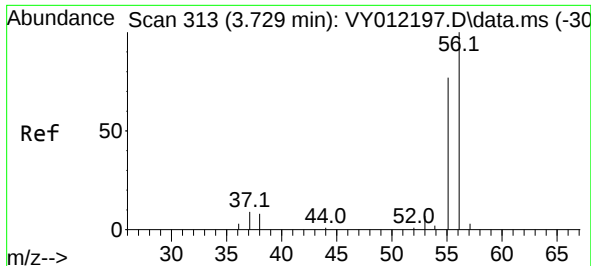
Ion Ratio Lower Upper

96 100

61 137.4 122.0 183.0

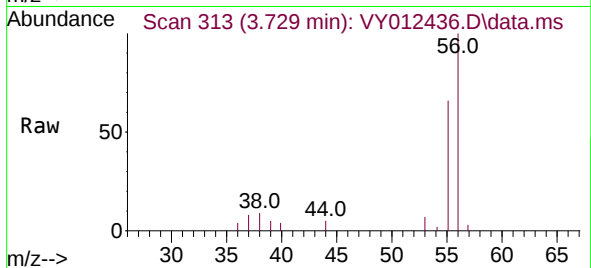
98 59.1 48.6 73.0



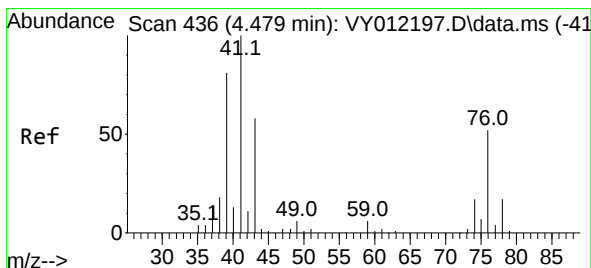
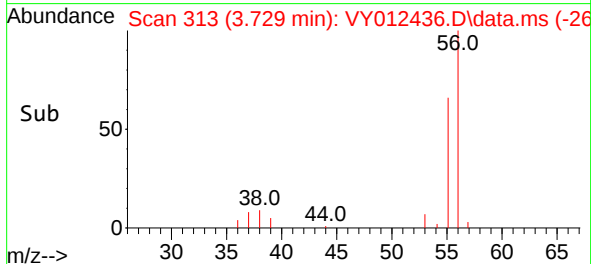
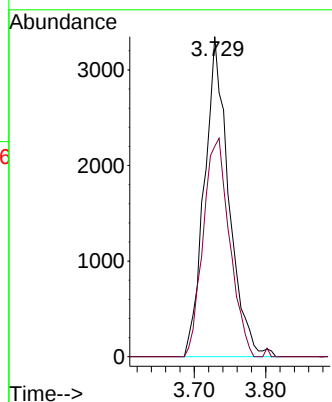


#13
Acrolein
Concen: 100.492 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

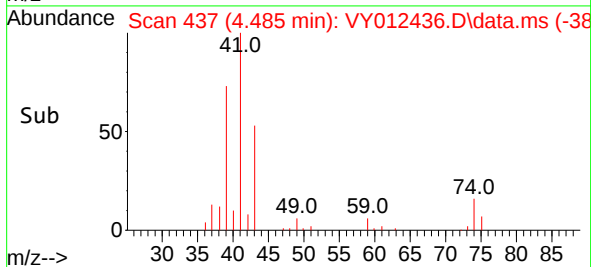
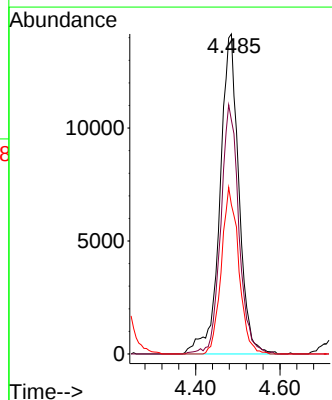
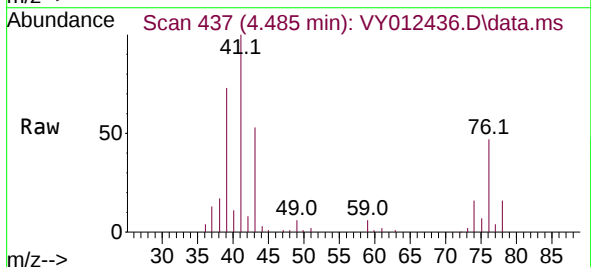


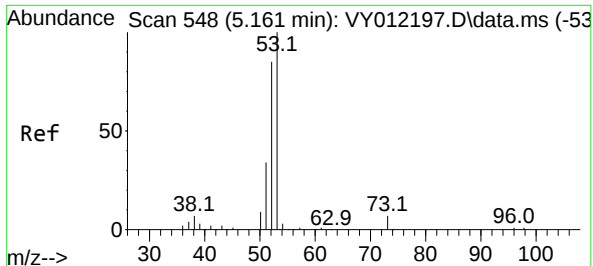
Tgt Ion: 56 Resp: 7944
Ion Ratio Lower Upper
56 100
55 73.7 56.6 85.0



#14
Allyl chloride
Concen: 21.573 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 41 Resp: 43960
Ion Ratio Lower Upper
41 100
39 74.6 53.5 80.3
76 47.9 31.1 46.7#

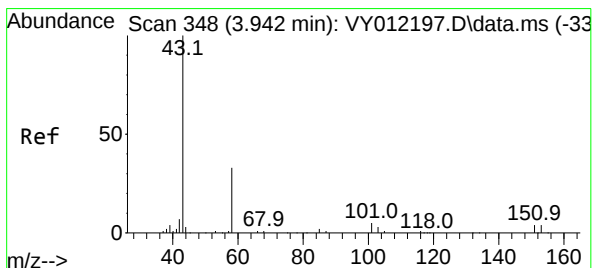
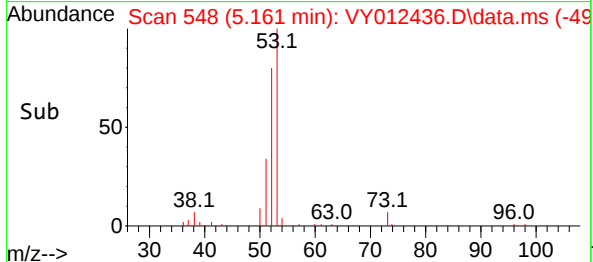
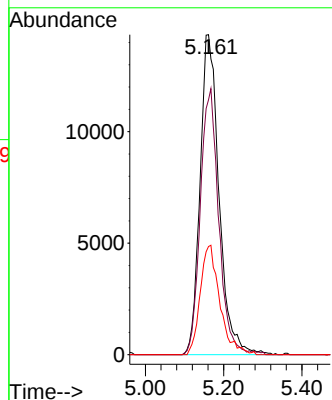
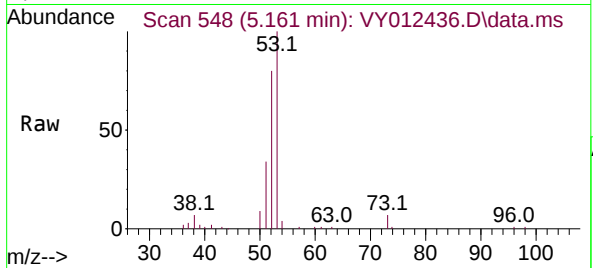




#15
Acrylonitrile
Concen: 112.887 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

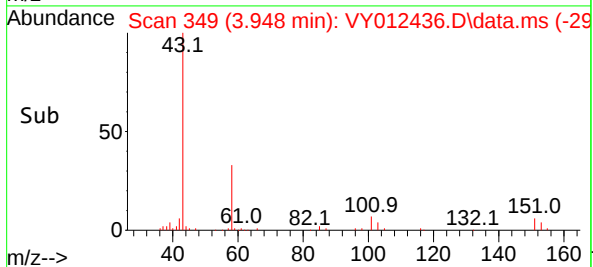
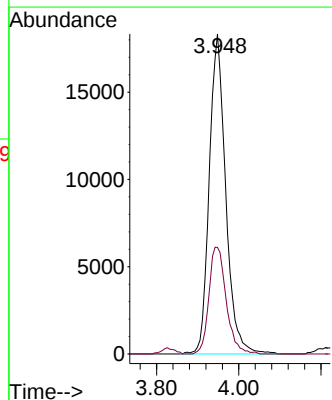
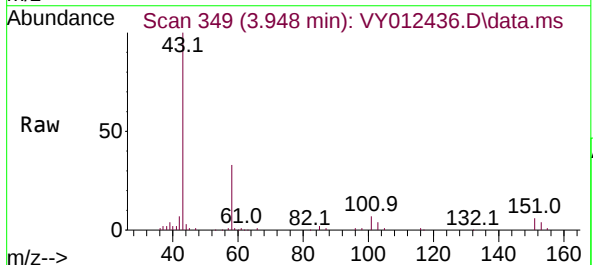
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

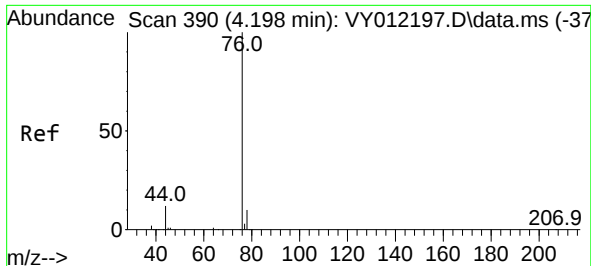
Tgt Ion: 53 Resp: 48386
Ion Ratio Lower Upper
53 100
52 80.8 65.1 97.7
51 35.2 28.7 43.1



#16
Acetone
Concen: 101.879 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 43 Resp: 50904
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9

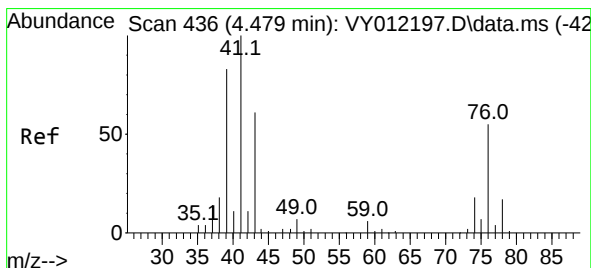
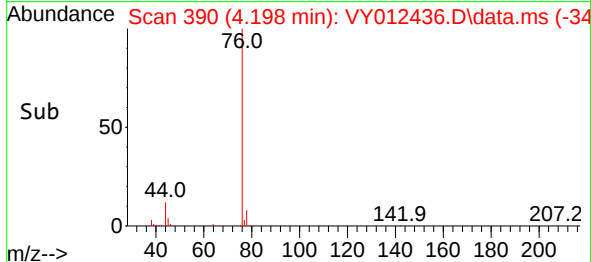
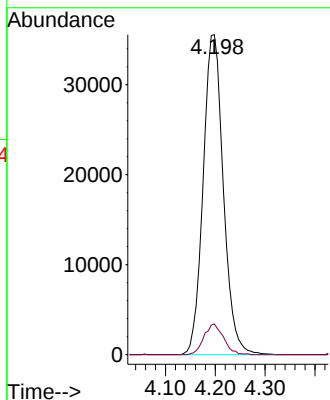
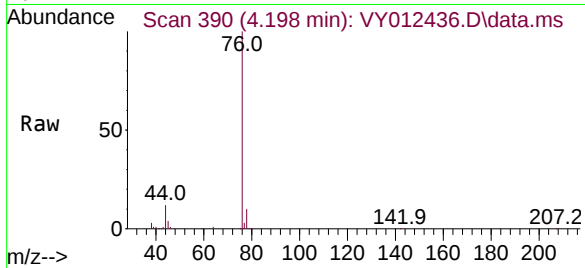




#17
Carbon Disulfide
Concen: 19.644 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

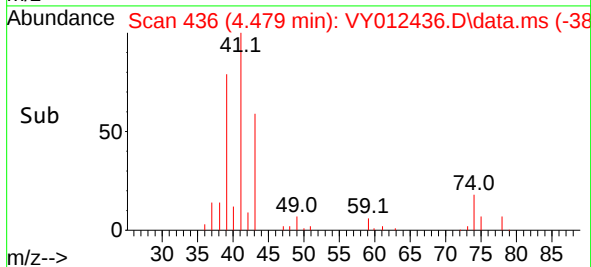
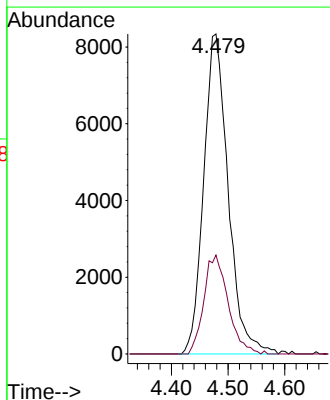
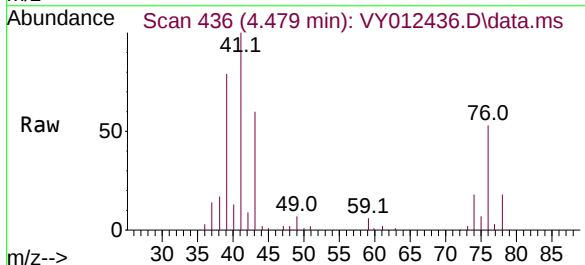
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

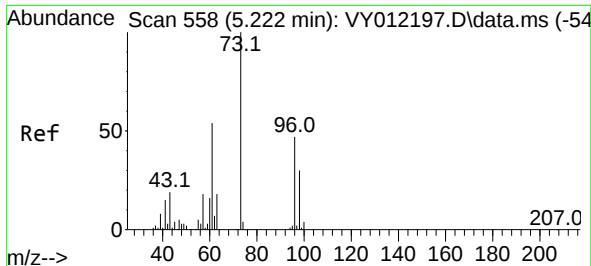
Tgt Ion: 76 Resp: 100138
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 22.404 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 43 Resp: 25049
Ion Ratio Lower Upper
43 100
74 30.4 20.1 30.1#

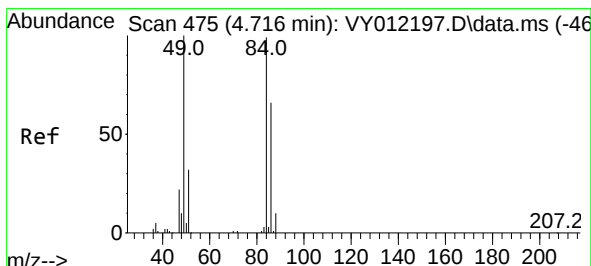
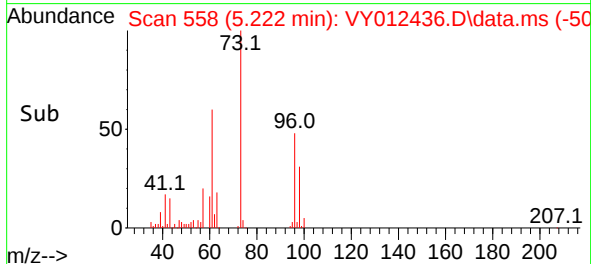
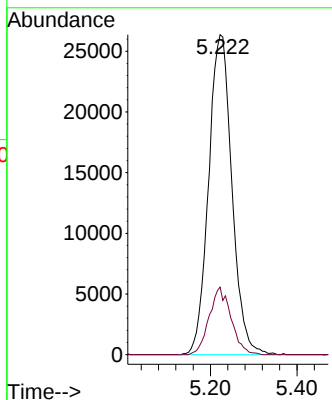
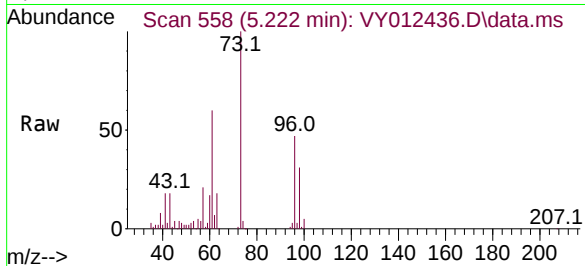




#19
Methyl tert-butyl Ether
Concen: 21.480 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

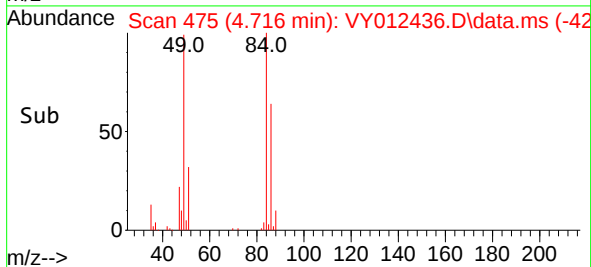
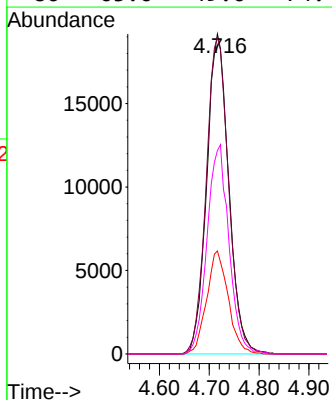
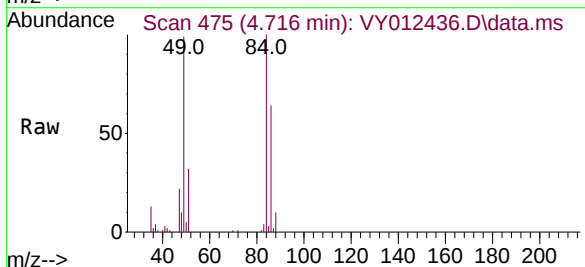
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

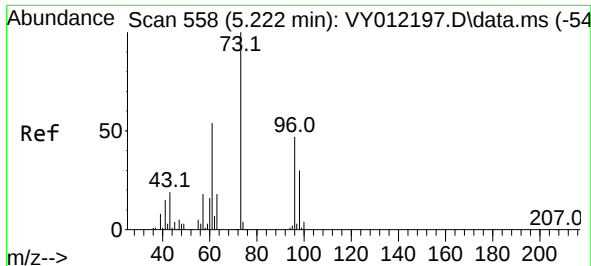
Tgt Ion: 73 Resp: 98679
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 23.977 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 84 Resp: 58815
Ion Ratio Lower Upper
84 100
49 99.0 95.4 143.2
51 32.2 29.9 44.9
86 63.6 49.6 74.4

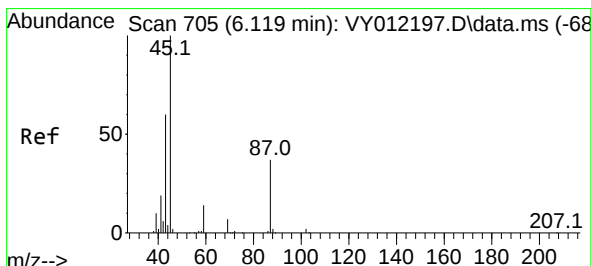
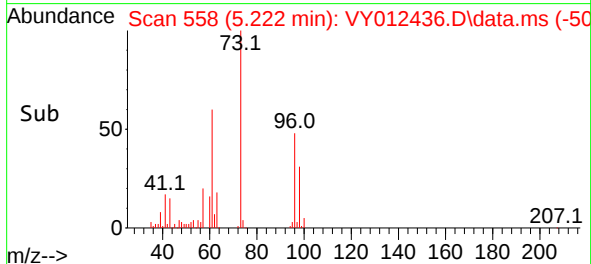
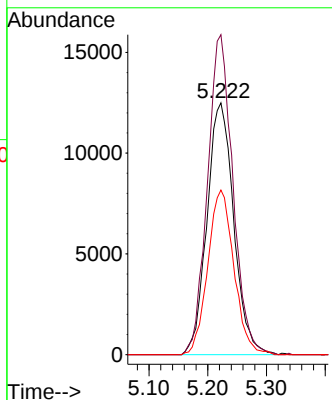
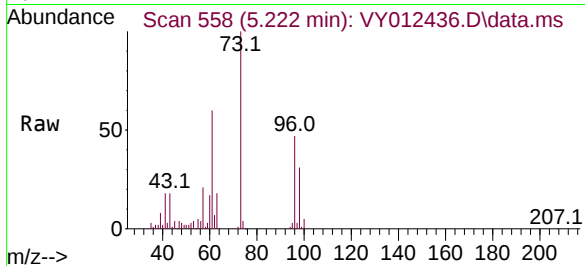




#21
trans-1,2-Dichloroethene
Concen: 21.505 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

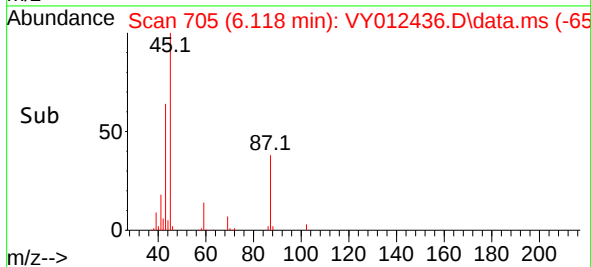
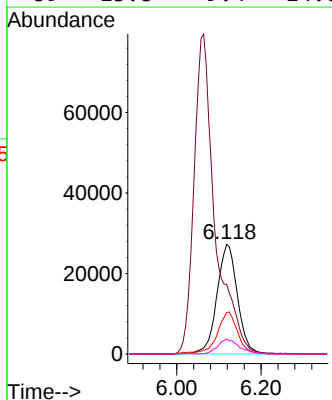
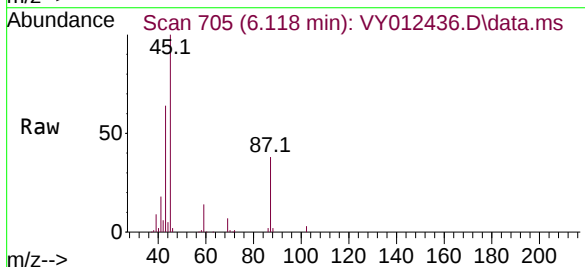
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

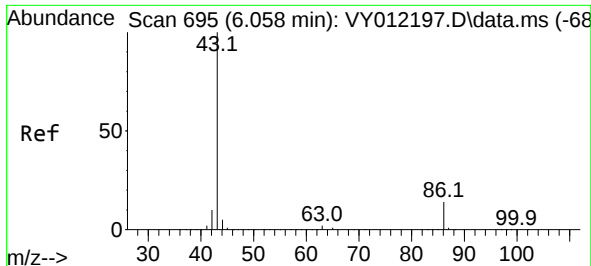
Tgt Ion: 96 Resp: 39548
Ion Ratio Lower Upper
96 100
61 127.1 108.0 162.0
98 65.4 51.6 77.4



#22
Diisopropyl ether
Concen: 22.547 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 45 Resp: 91598
Ion Ratio Lower Upper
45 100
43 63.1 45.0 67.4
87 37.8 22.6 33.8#
59 13.8 9.4 14.0

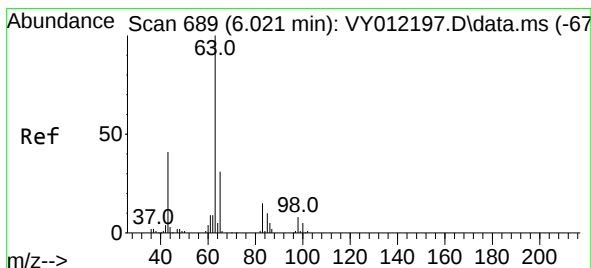
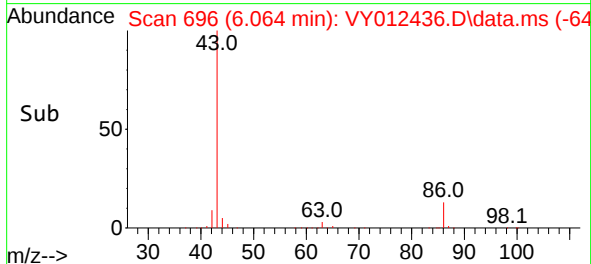
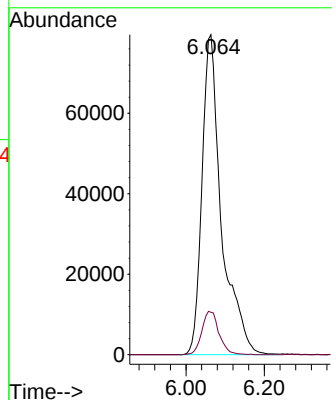
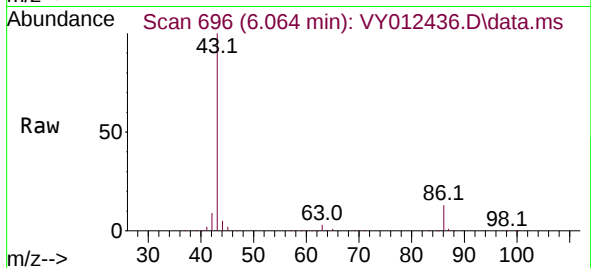




#23
 Vinyl Acetate
 Concen: 108.660 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

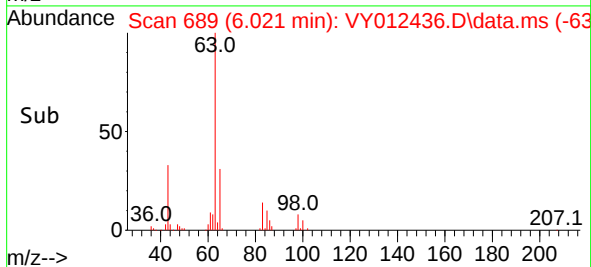
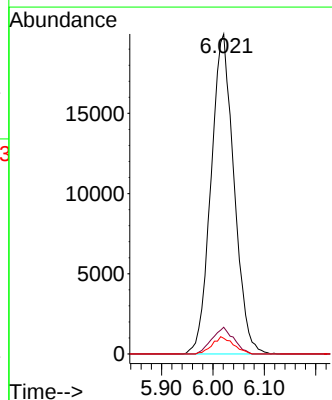
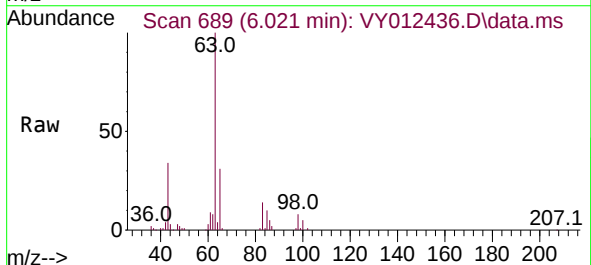
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBSD01

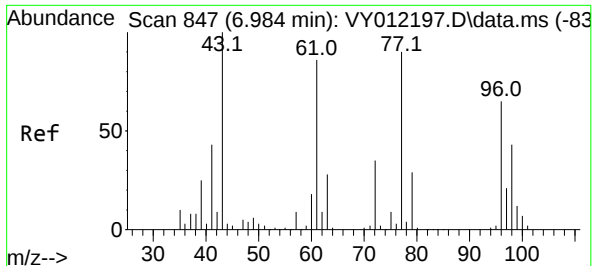
Tgt Ion: 43 Resp: 275069
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 21.995 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

Tgt Ion: 63 Resp: 61978
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.5
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 110.760 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

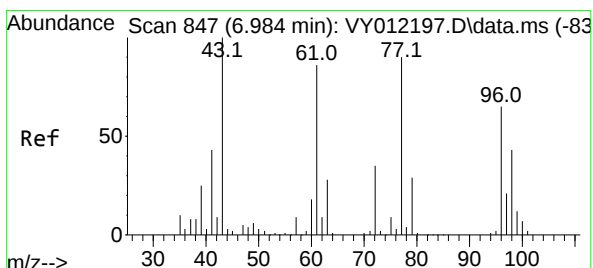
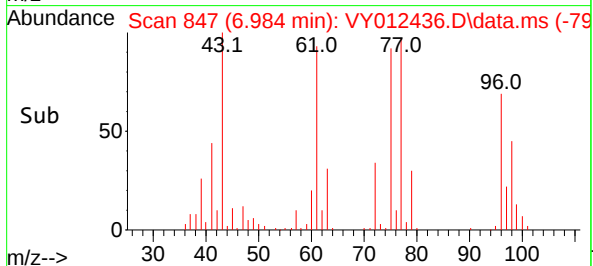
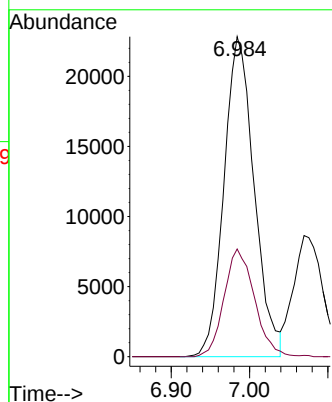
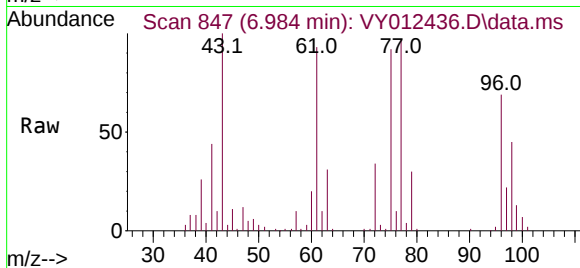
VY0201SBSD01

Tgt Ion: 43 Resp: 61096

Ion Ratio Lower Upper

43 100

72 33.6 22.6 34.0



#26

2,2-Dichloropropane

Concen: 21.902 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012436.D

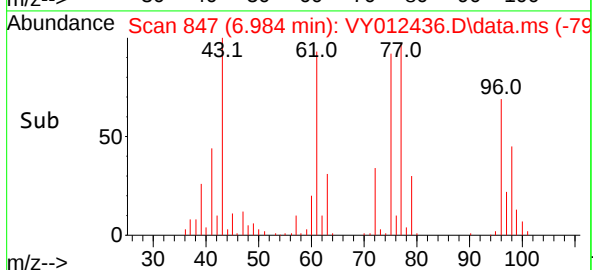
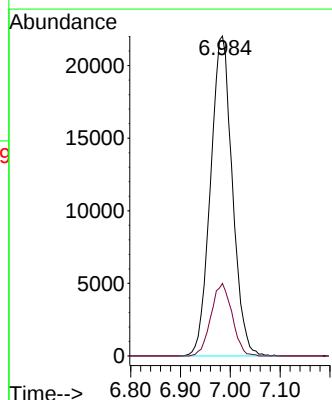
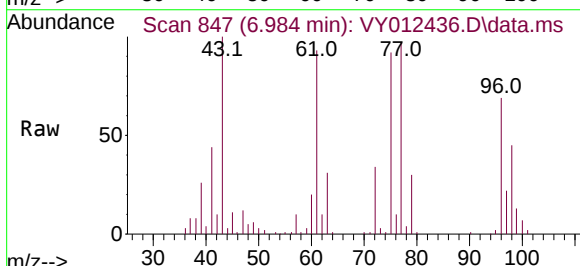
Acq: 01 Feb 2023 12:42

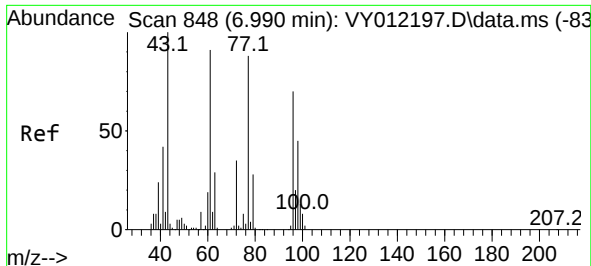
Tgt Ion: 77 Resp: 66996

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1

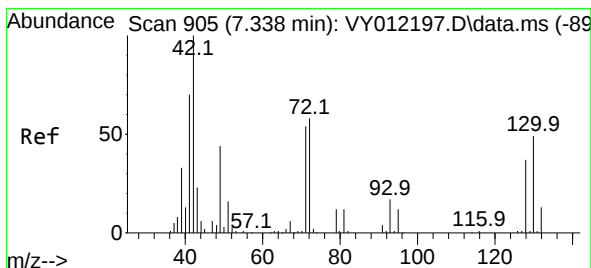
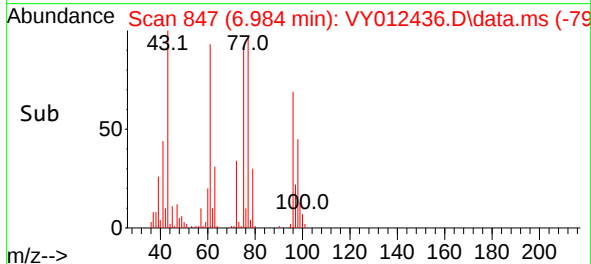
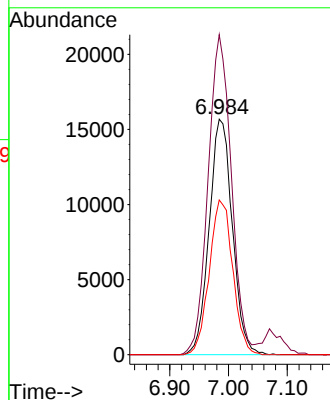
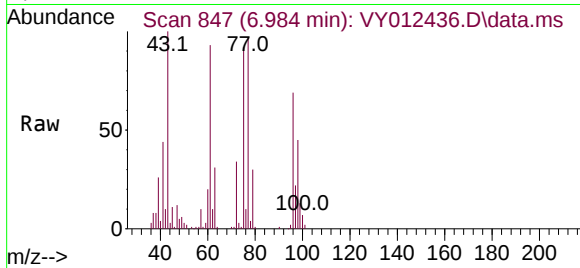




#27
 cis-1,2-Dichloroethene
 Concen: 21.305 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

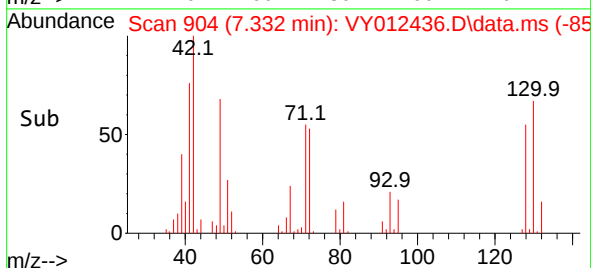
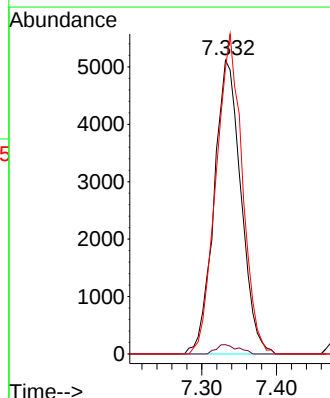
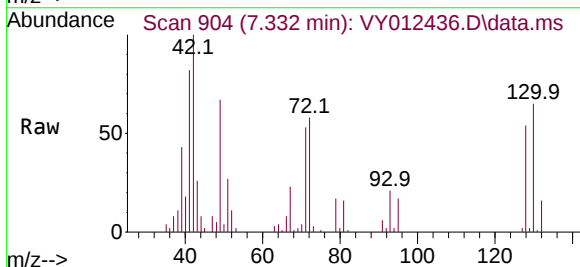
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBSD01

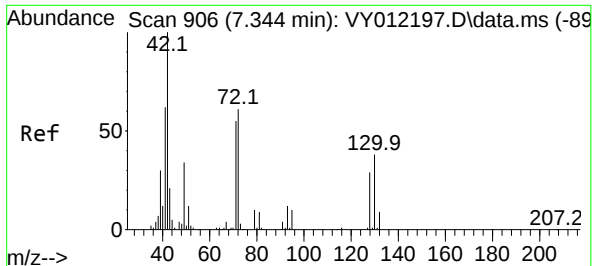
Tgt Ion: 96 Resp: 43037
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 283.4
 98 66.4 0.0 127.6



#28
 Bromochloromethane
 Concen: 20.832 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

Tgt Ion: 49 Resp: 12820
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 106.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 110.623 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

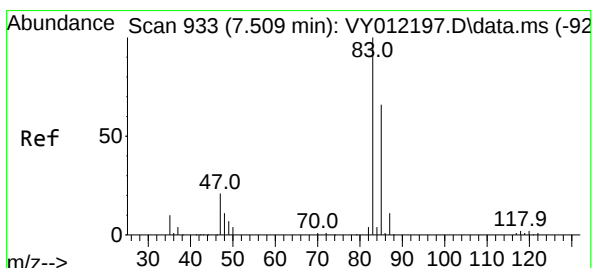
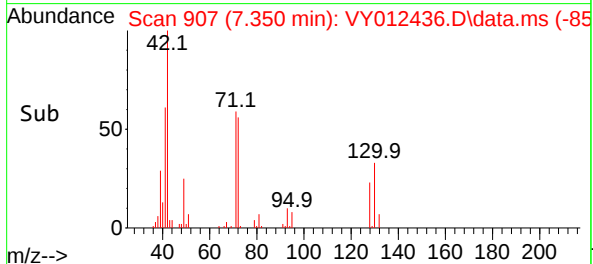
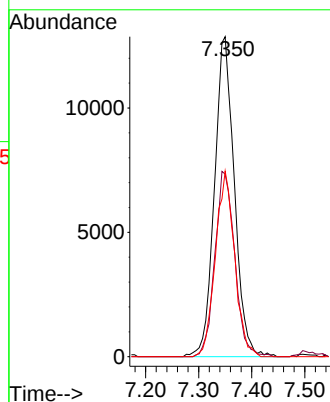
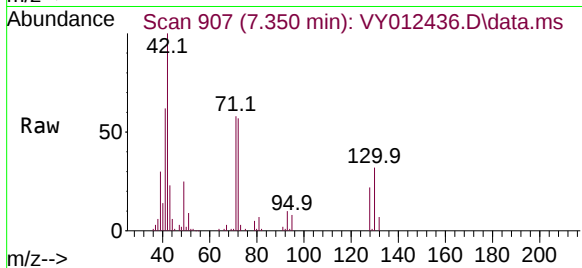
Tgt Ion: 42 Resp: 33518

Ion Ratio Lower Upper

42 100

72 57.7 37.0 55.6#

71 56.0 34.9 52.3#



#30

Chloroform

Concen: 21.376 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012436.D

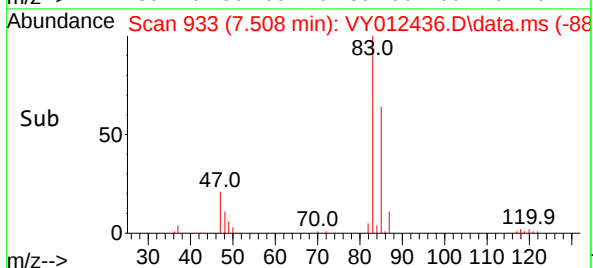
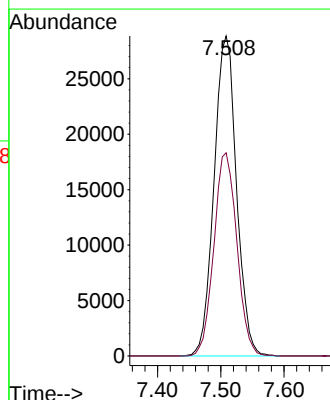
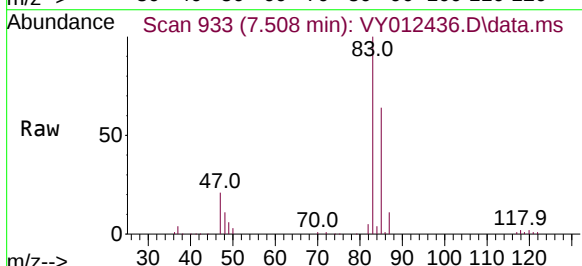
Acq: 01 Feb 2023 12:42

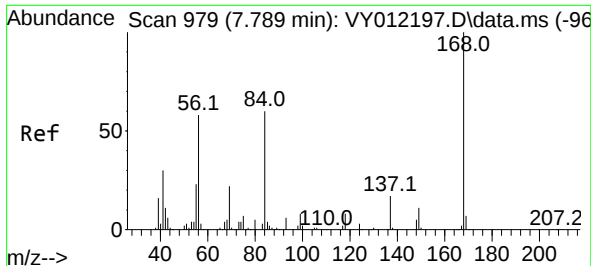
Tgt Ion: 83 Resp: 71103

Ion Ratio Lower Upper

83 100

85 63.5 51.5 77.3

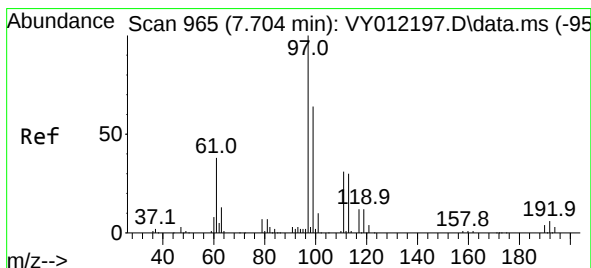
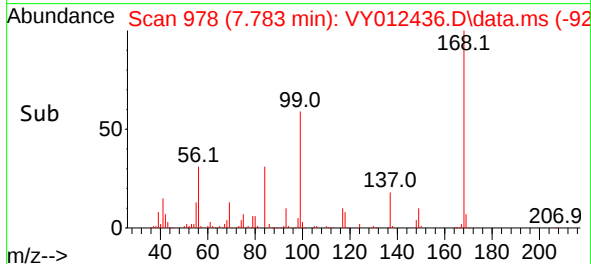
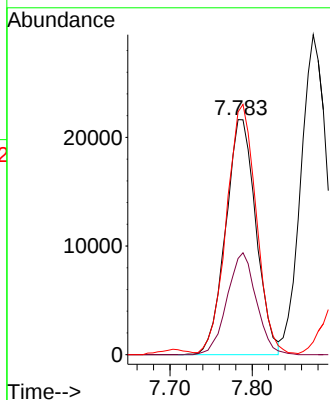
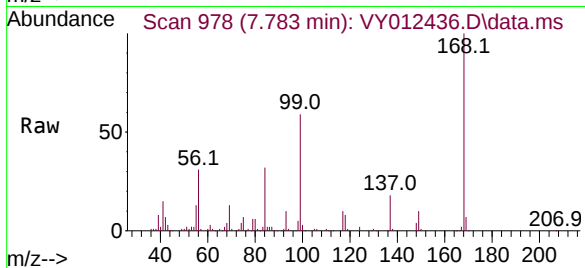




#31
Cyclohexane
Concen: 21.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

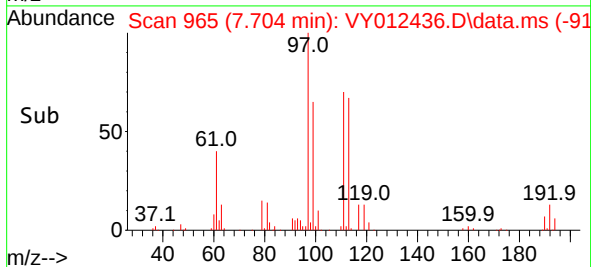
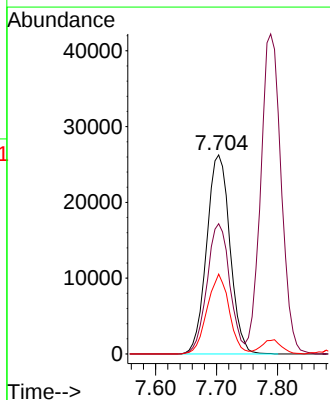
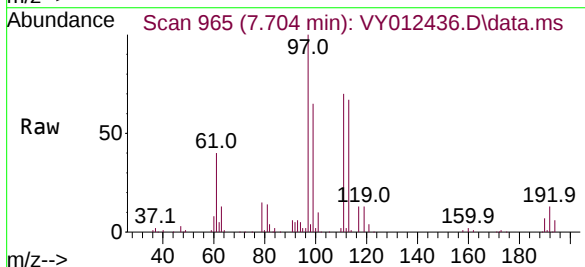
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

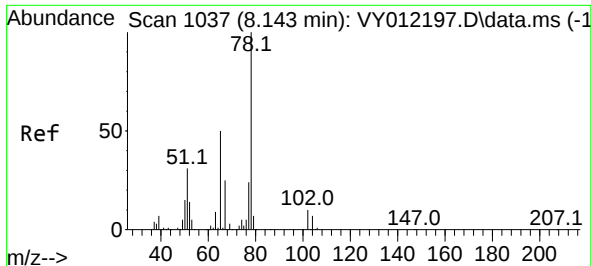
Tgt Ion: 56 Resp: 55447
Ion Ratio Lower Upper
56 100
69 40.9 29.2 43.8
84 101.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 21.148 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 97 Resp: 69640
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 38.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 47.016 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

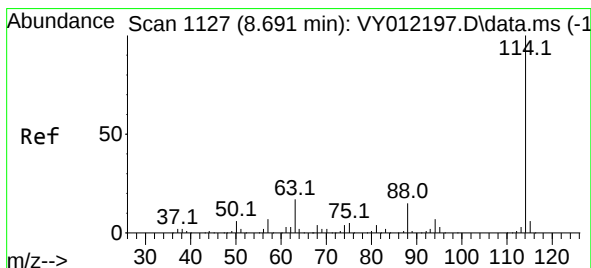
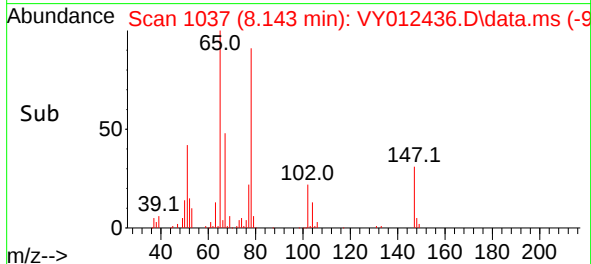
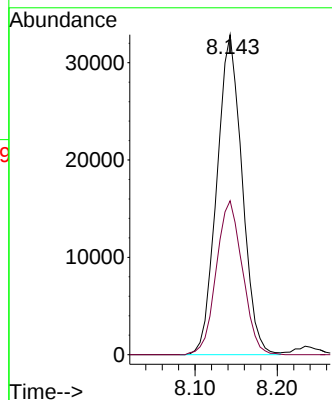
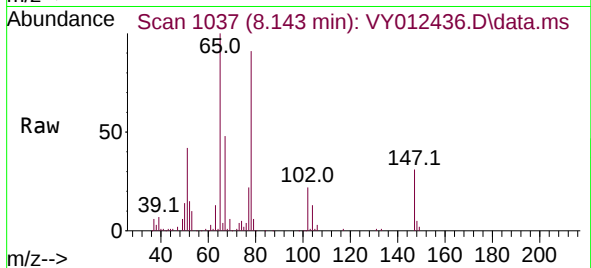
VY0201SBSD01

Tgt Ion: 65 Resp: 70277

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

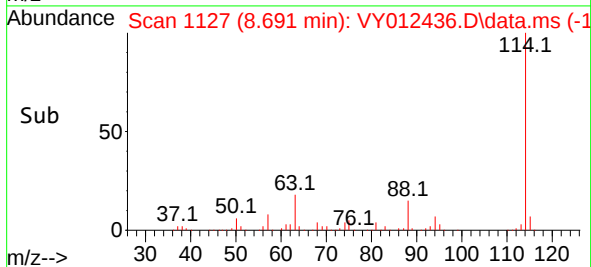
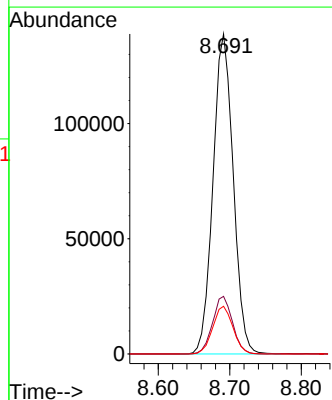
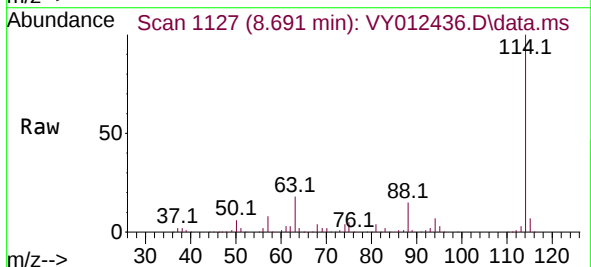
Tgt Ion:114 Resp: 272618

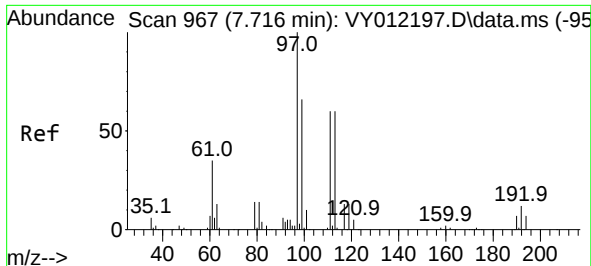
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.713 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

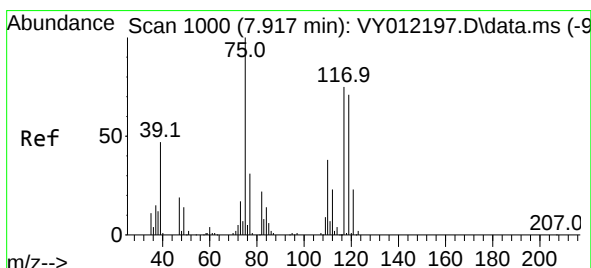
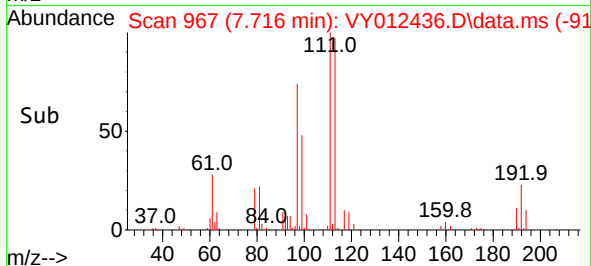
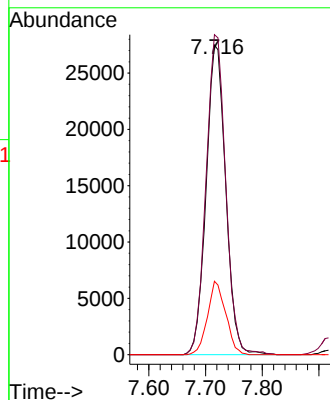
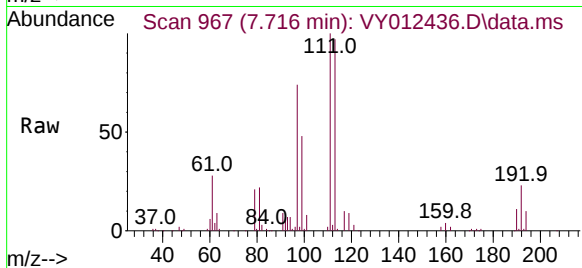
Tgt Ion:113 Resp: 65988

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 22.0 16.0 24.0



#36

1,1-Dichloropropene

Concen: 21.157 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

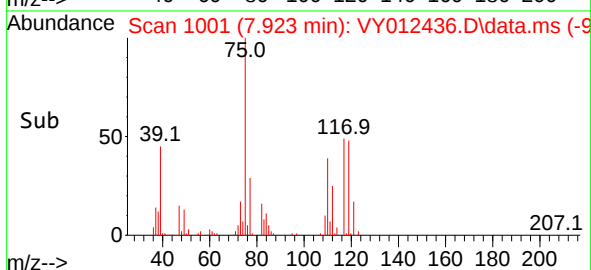
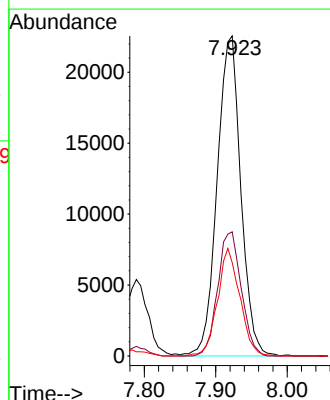
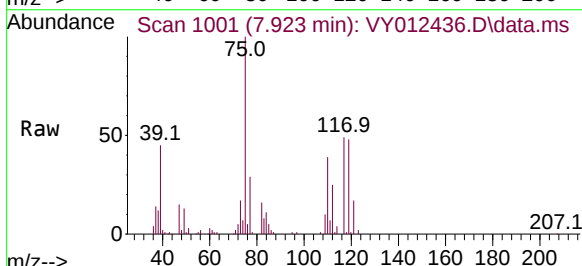
Tgt Ion: 75 Resp: 51905

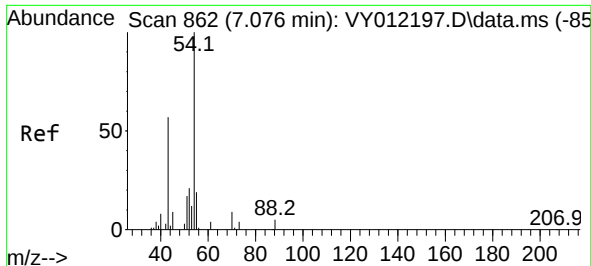
Ion Ratio Lower Upper

75 100

110 38.5 18.1 54.1

77 31.7 25.1 37.7





#37

Ethyl Acetate

Concen: 21.487 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

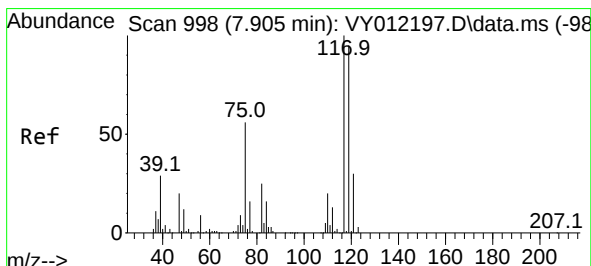
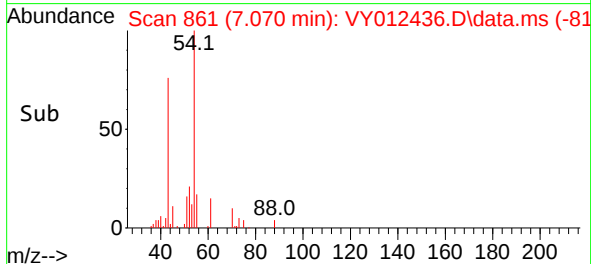
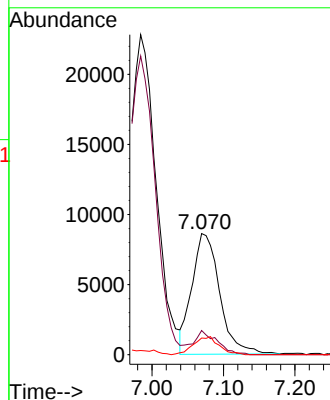
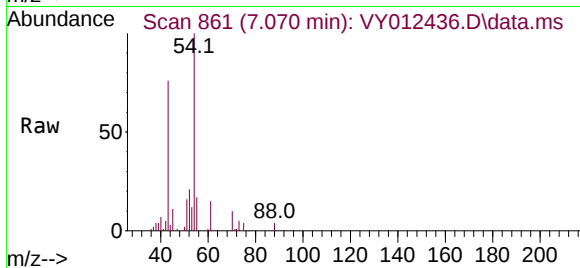
Tgt Ion: 43 Resp: 23238

Ion Ratio Lower Upper

43 100

61 16.7 11.3 16.9

70 13.7 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 20.882 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

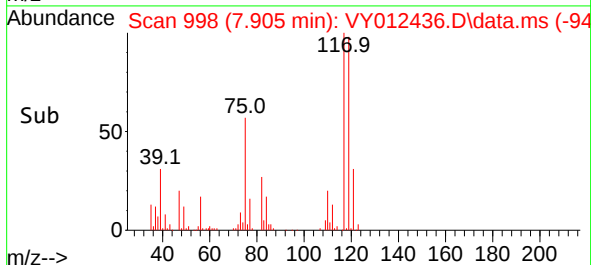
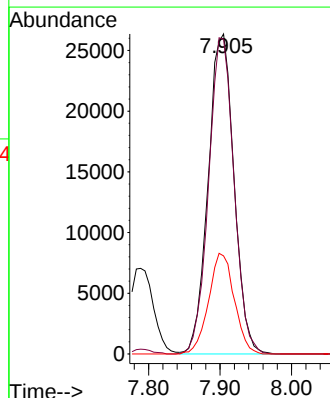
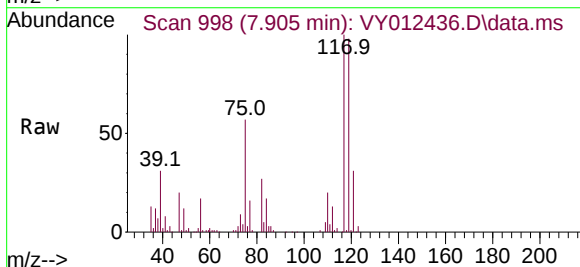
Tgt Ion: 117 Resp: 66163

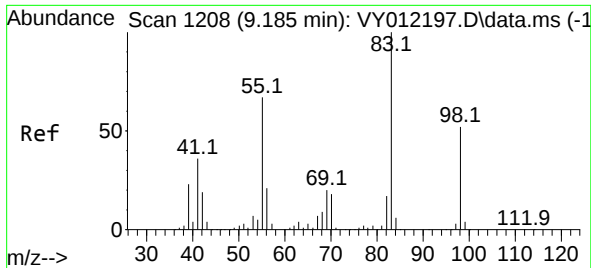
Ion Ratio Lower Upper

117 100

119 98.4 73.8 110.8

121 30.6 25.2 37.8

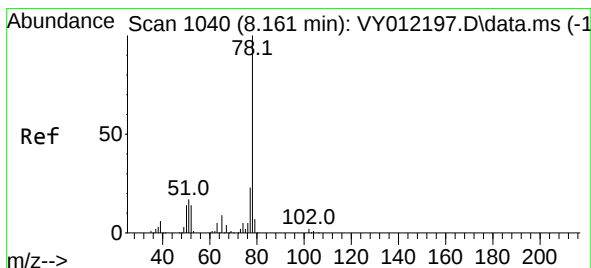
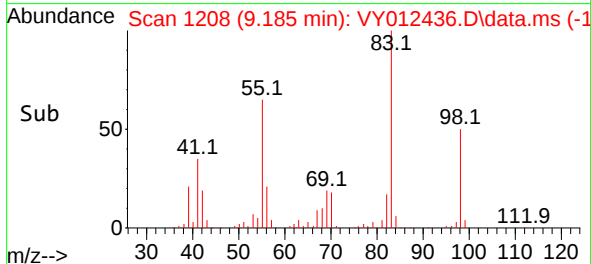
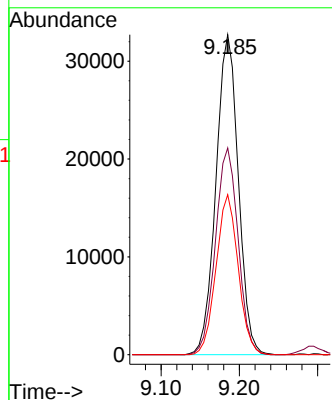
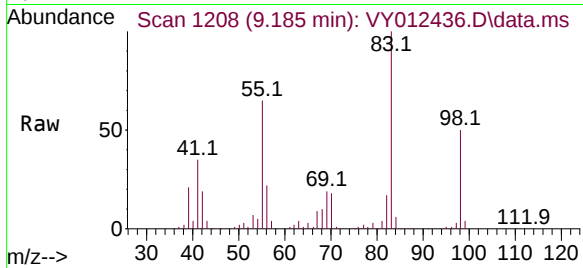




#39
Methylcyclohexane
Concen: 21.692 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

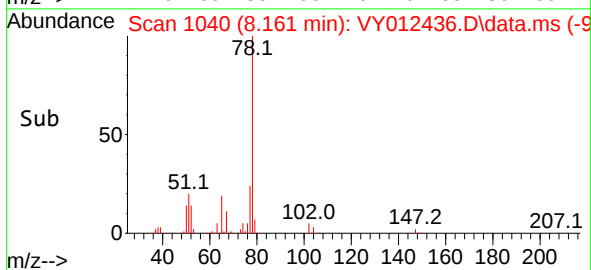
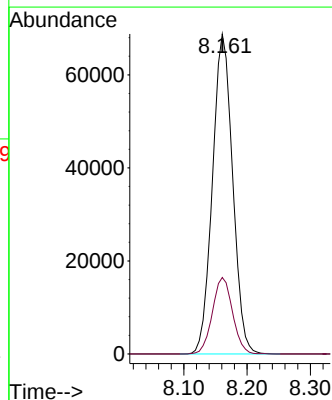
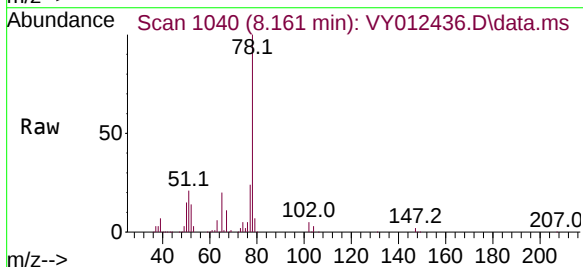
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

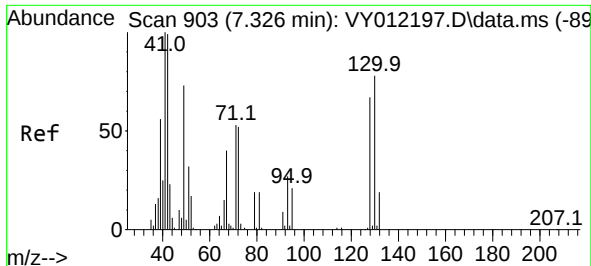
Tgt Ion: 83 Resp: 65032
Ion Ratio Lower Upper
83 100
55 64.6 58.2 87.2
98 50.0 38.6 58.0



#40
Benzene
Concen: 21.490 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 78 Resp: 152165
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8

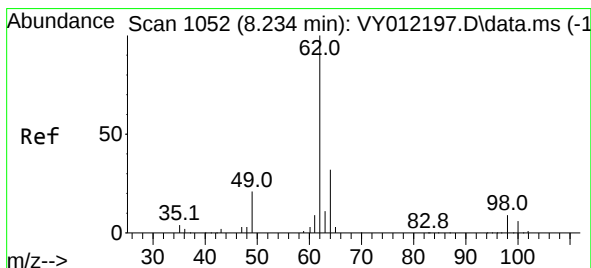
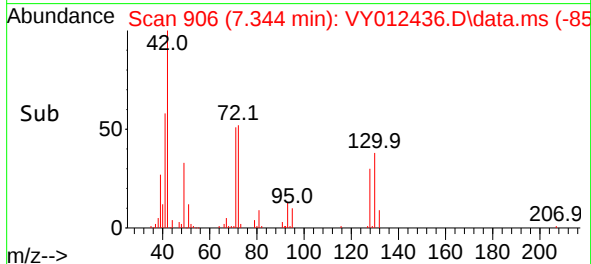
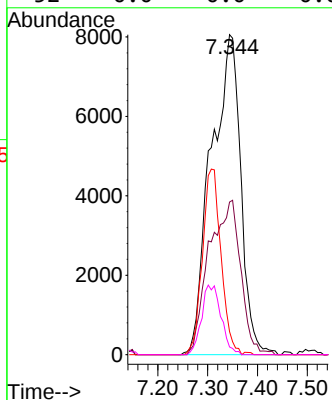
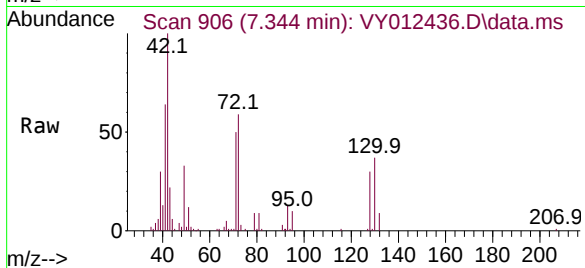




#41
Methacrylonitrile
Concen: 52.219 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

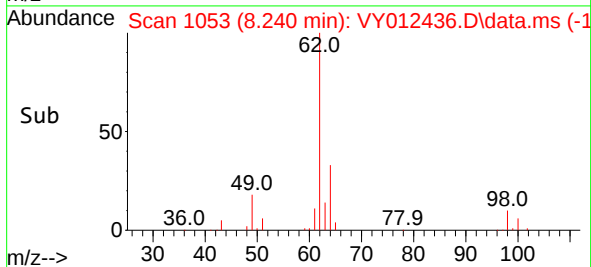
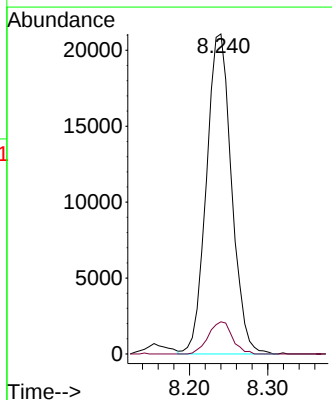
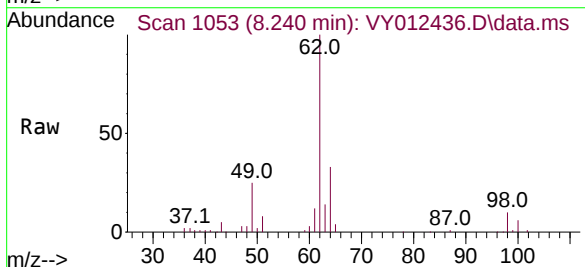
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

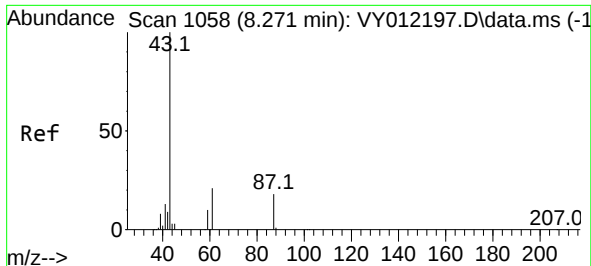
Tgt Ion: 41 Resp: 33196
Ion Ratio Lower Upper
41 100
39 51.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.844 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 62 Resp: 46987
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6

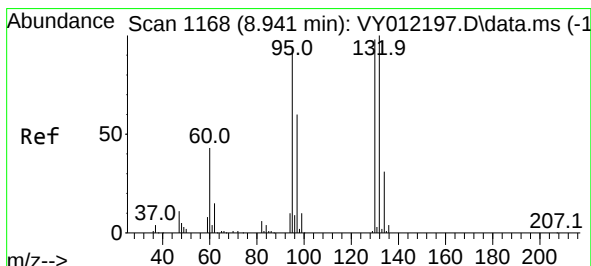
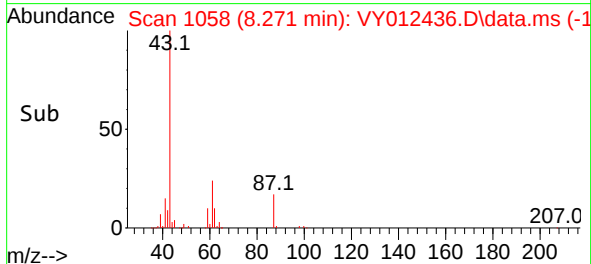
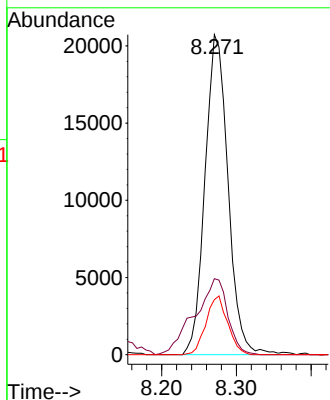
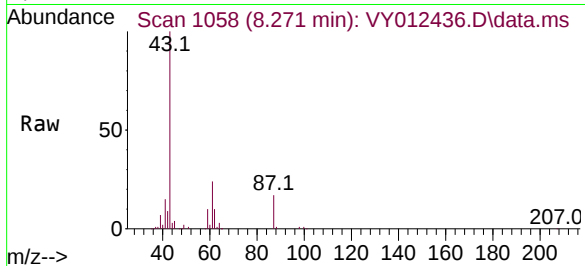




#43
Isopropyl Acetate
Concen: 22.050 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

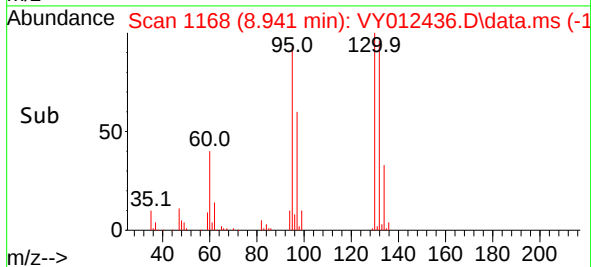
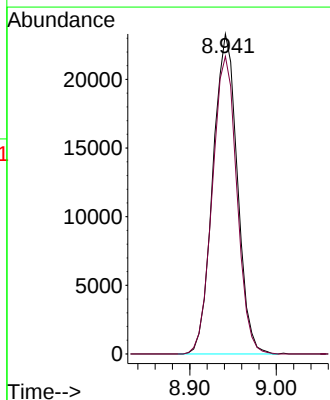
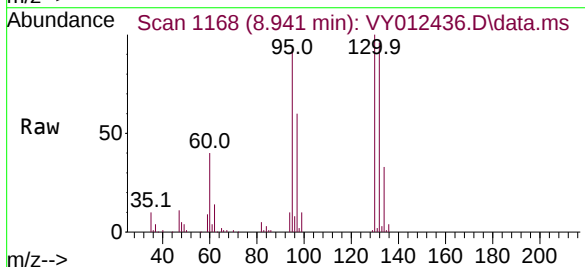
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

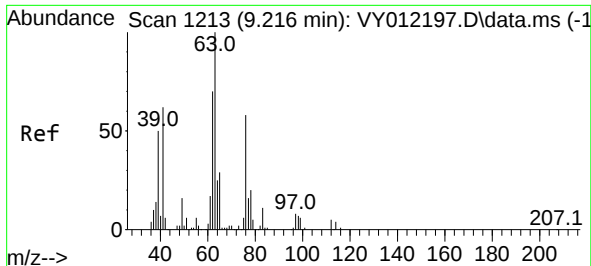
Tgt Ion: 43 Resp: 44367
Ion Ratio Lower Upper
43 100
61 34.0 24.4 36.6
87 17.2 11.4 17.2#



#44
Trichloroethene
Concen: 21.537 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion:130 Resp: 45581
Ion Ratio Lower Upper
130 100
95 93.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 22.583 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

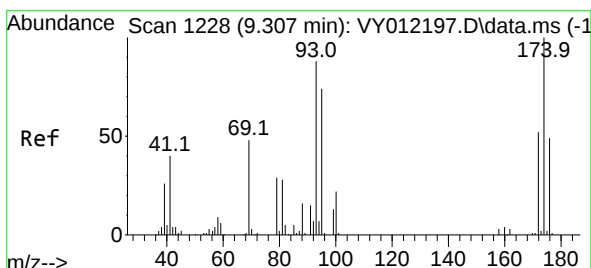
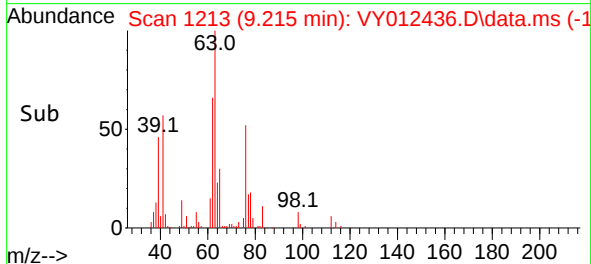
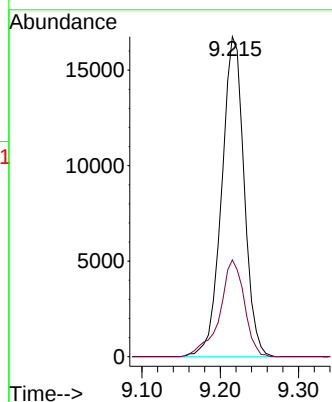
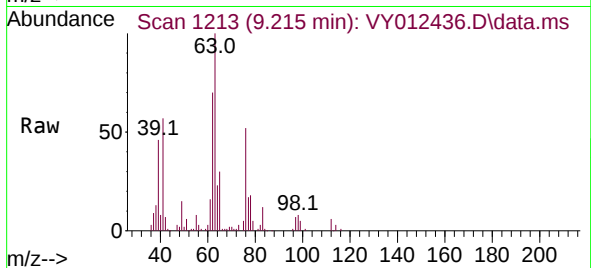
VY0201SBSD01

Tgt Ion: 63 Resp: 33366

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 21.522 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

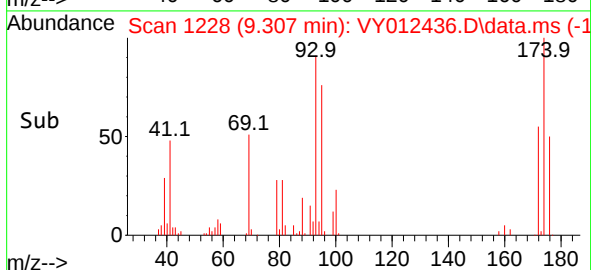
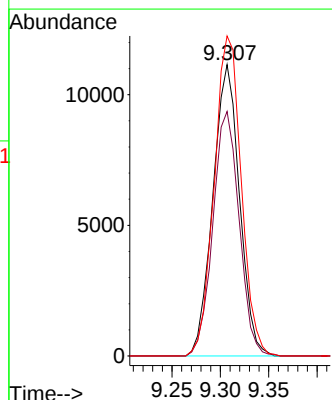
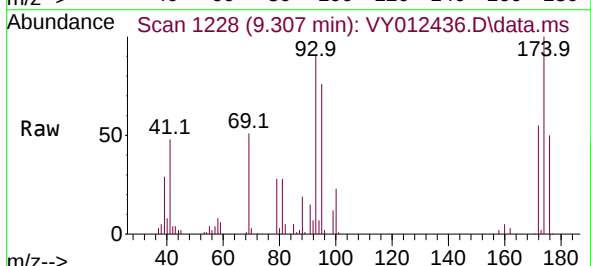
Tgt Ion: 93 Resp: 21288

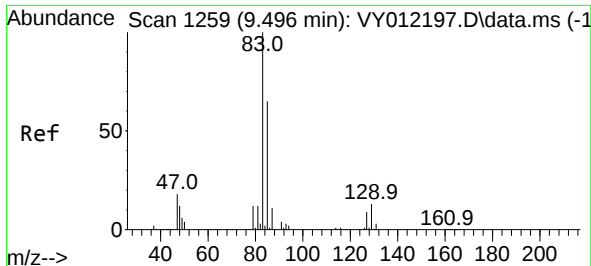
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 111.8 84.7 127.1

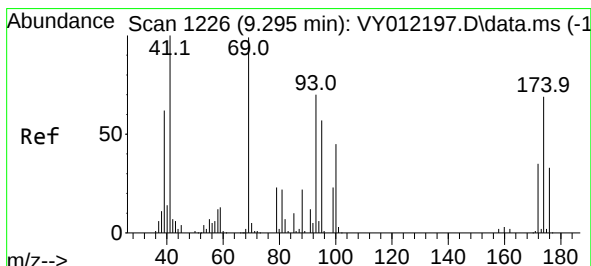
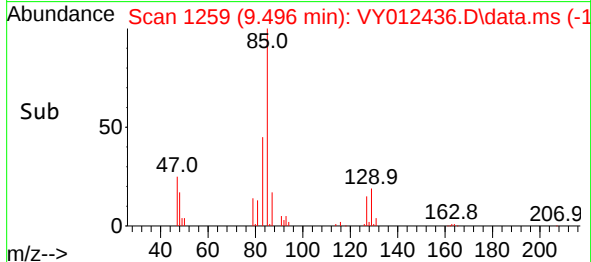
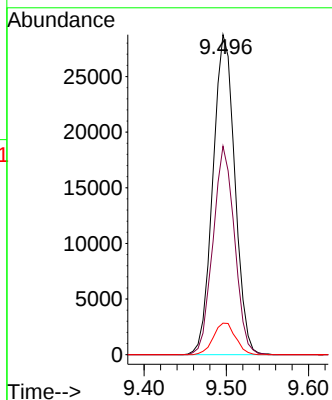
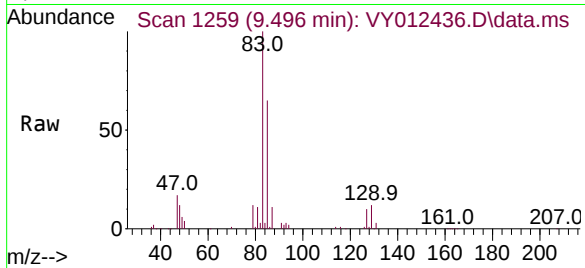




#47
Bromodichloromethane
Concen: 21.443 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

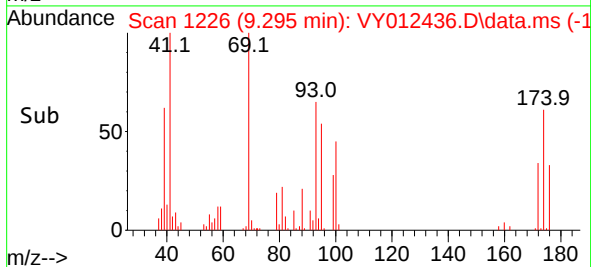
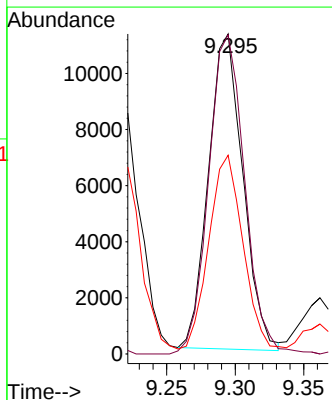
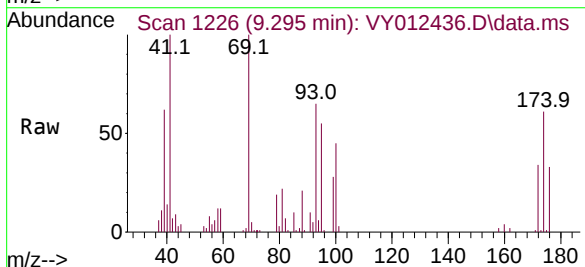
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

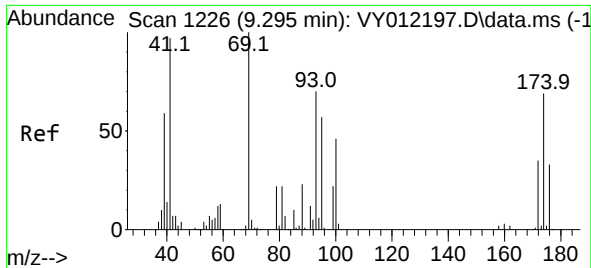
Tgt Ion: 83 Resp: 53388
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0
127 9.8 7.3 10.9



#48
Methyl methacrylate
Concen: 21.188 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 41 Resp: 19643
Ion Ratio Lower Upper
41 100
69 106.1 74.2 111.2
39 64.6 46.3 69.5

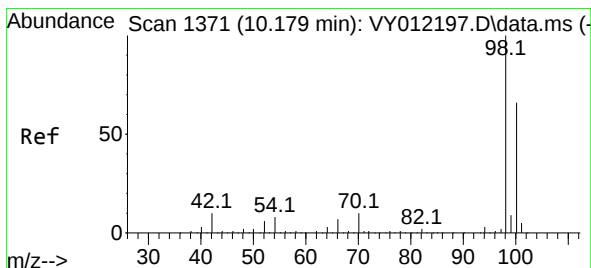
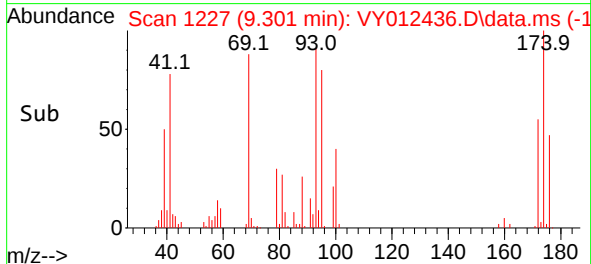
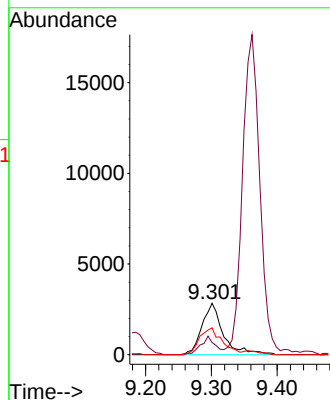
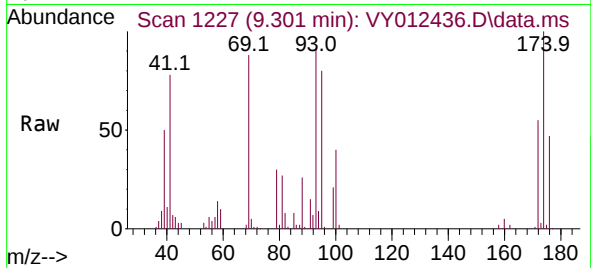




#49
1,4-Dioxane
Concen: 473.666 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

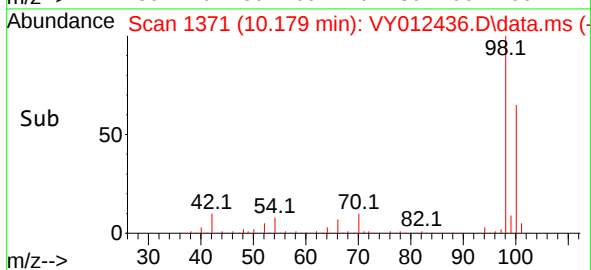
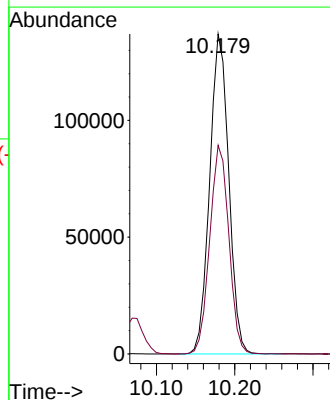
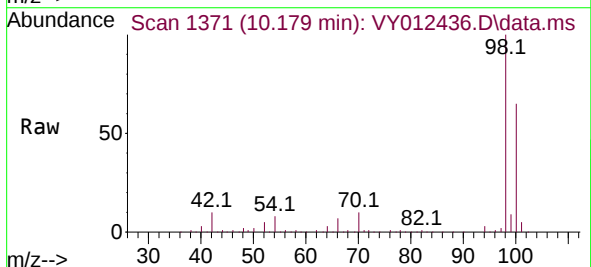
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

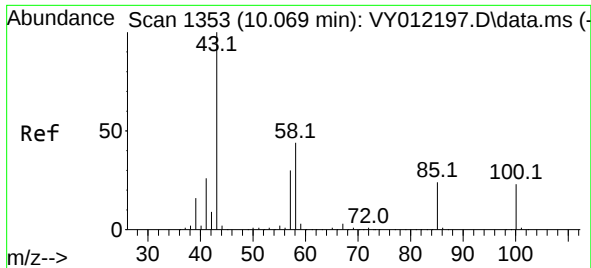
Tgt Ion: 88 Resp: 6384
Ion Ratio Lower Upper
88 100
43 25.6 26.2 39.2#
58 54.9 54.3 81.5



#50
Toluene-d8
Concen: 45.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 98 Resp: 231299
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

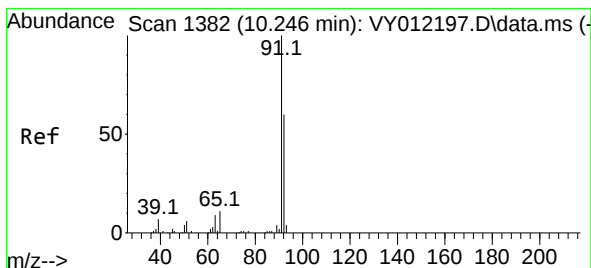
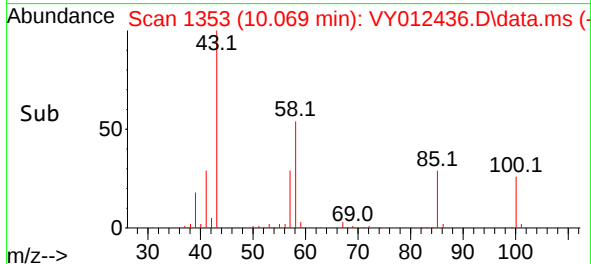
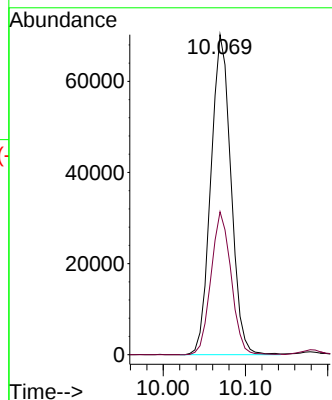
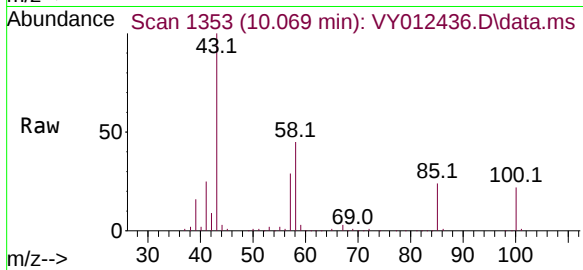




#51
4-Methyl-2-Pentanone
Concen: 111.400 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

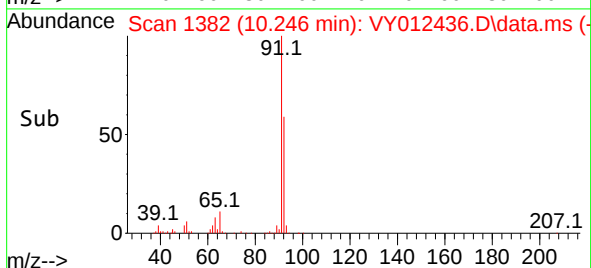
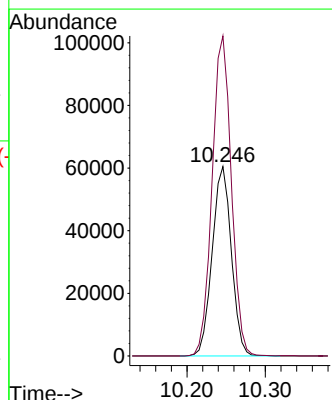
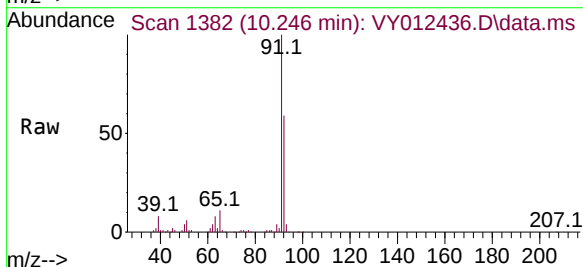
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

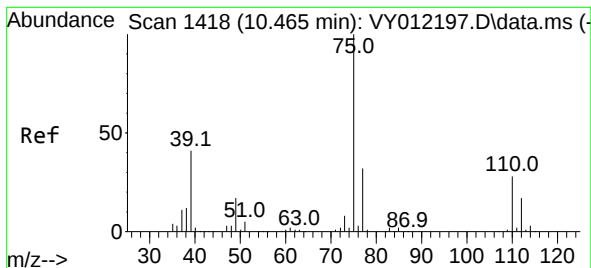
Tgt Ion: 43 Resp: 119523
Ion Ratio Lower Upper
43 100
58 44.5 32.9 49.3



#52
Toluene
Concen: 21.792 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 92 Resp: 102737
Ion Ratio Lower Upper
92 100
91 169.5 137.4 206.0

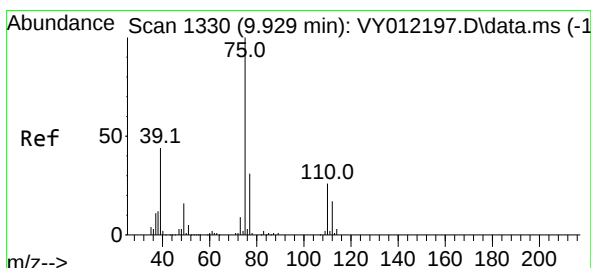
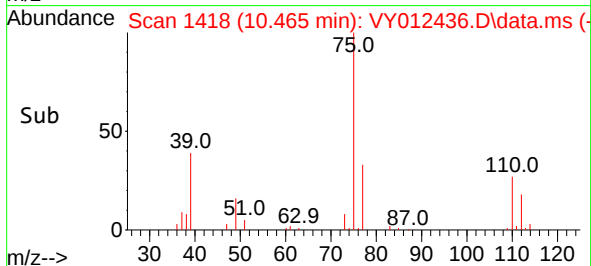
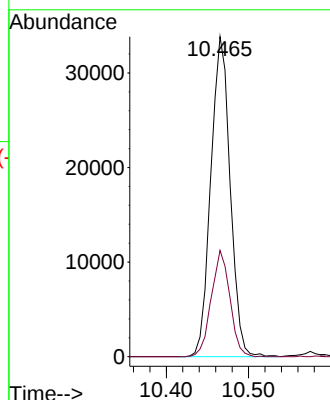
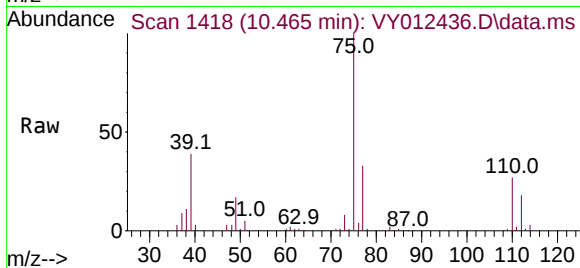




#53
t-1,3-Dichloropropene
Concen: 21.265 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

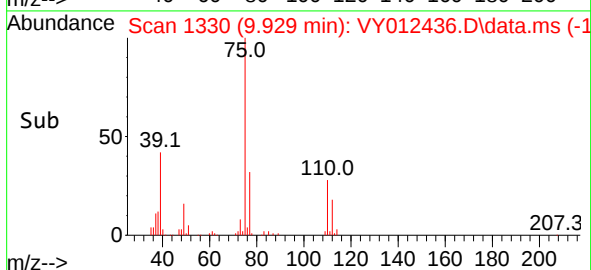
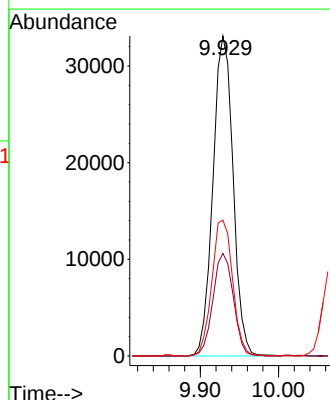
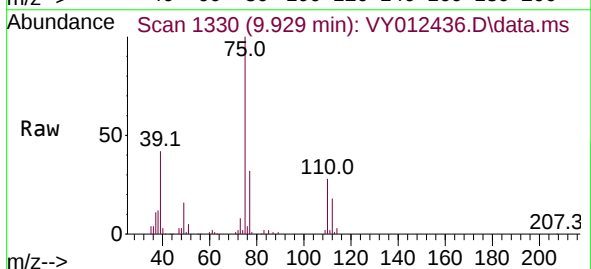
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

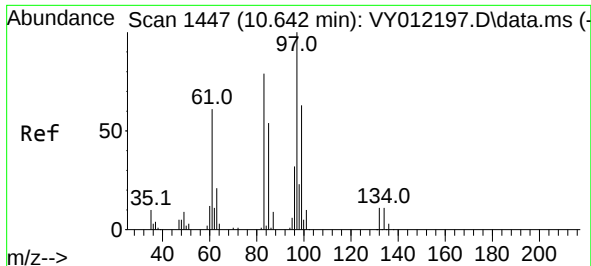
Tgt Ion: 75 Resp: 55382
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 21.120 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 75 Resp: 59237
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
39 42.4 34.6 52.0

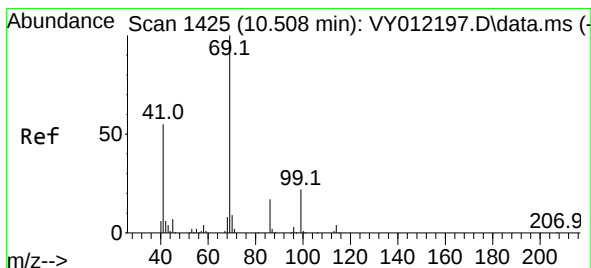
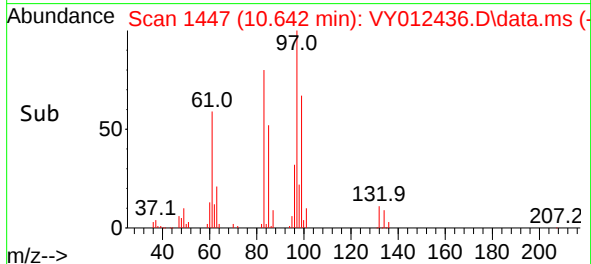
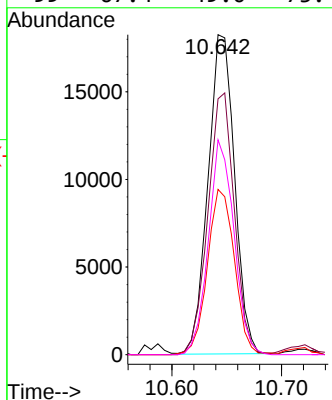
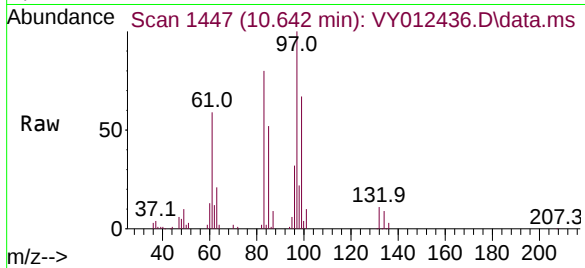




#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

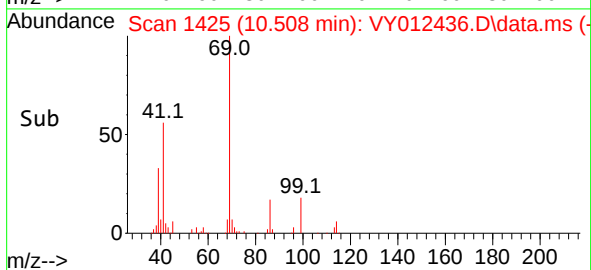
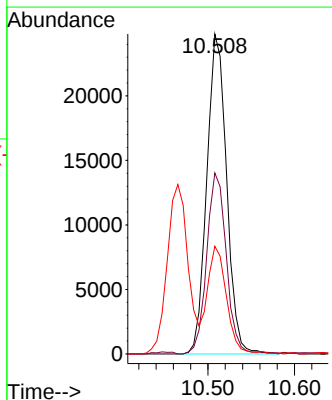
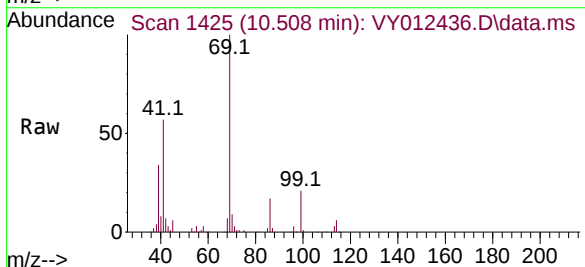
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

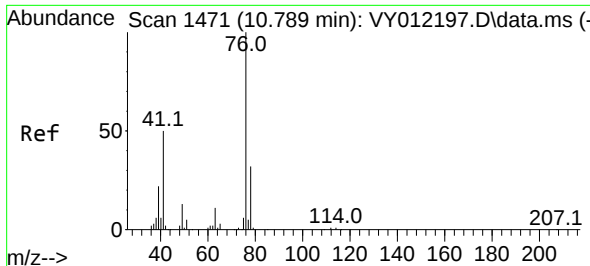
Tgt Ion: 97	Resp: 30705
Ion Ratio	Lower Upper
97 100	
83 80.2	67.7 101.5
85 51.5	43.8 65.8
99 67.4	49.0 73.4



#56
Ethyl methacrylate
Concen: 21.382 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 69	Resp: 39420
Ion Ratio	Lower Upper
69 100	
41 56.2	48.9 73.3
39 32.1	25.9 38.9

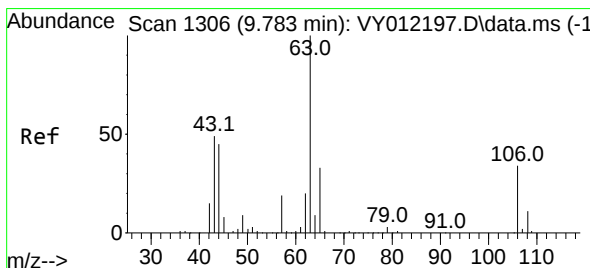
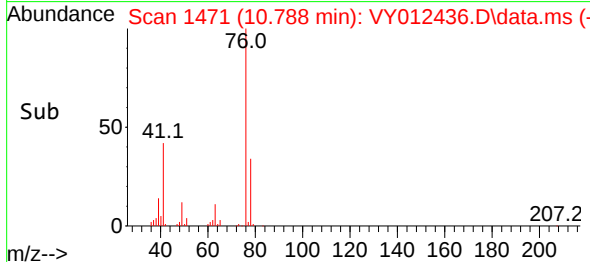
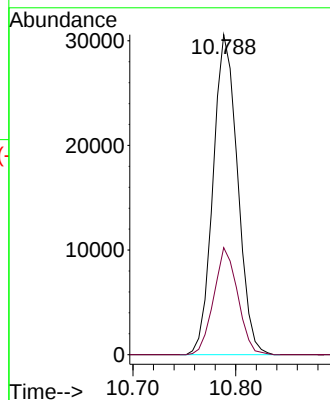
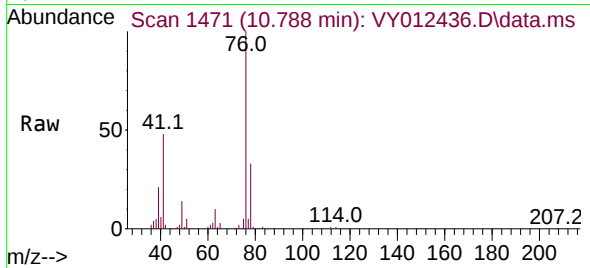




#57
1,3-Dichloropropane
Concen: 22.031 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

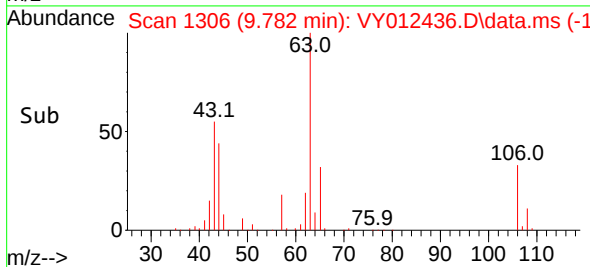
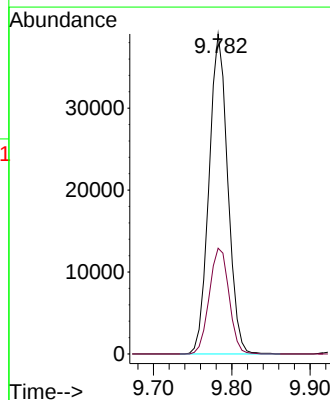
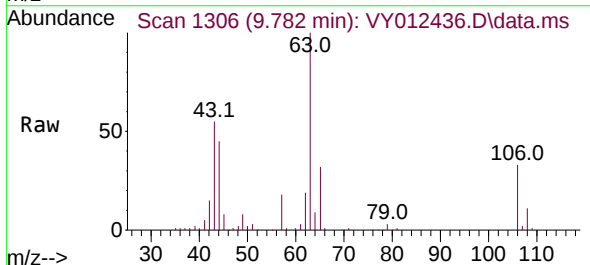
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

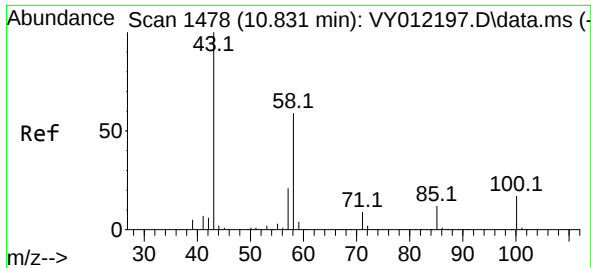
Tgt Ion: 76 Resp: 50562
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 106.258 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 63 Resp: 64822
Ion Ratio Lower Upper
63 100
106 34.7 23.2 34.8

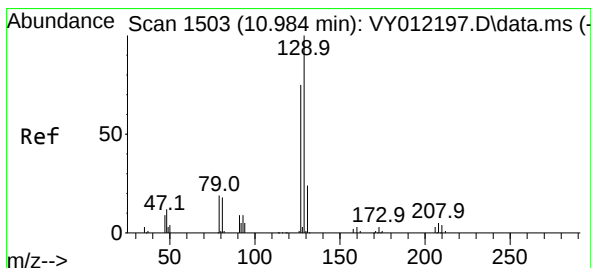
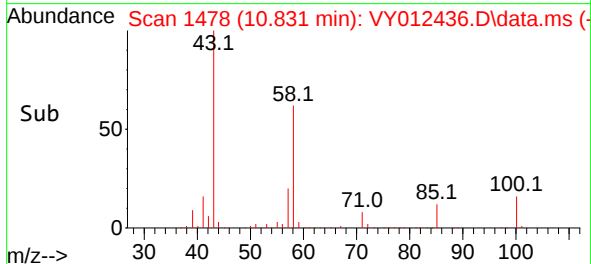
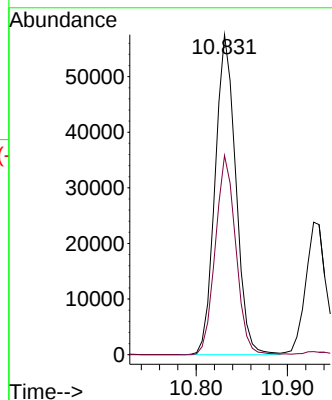
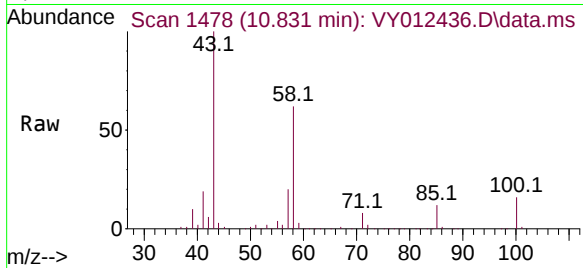




#59
2-Hexanone
Concen: 110.833 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

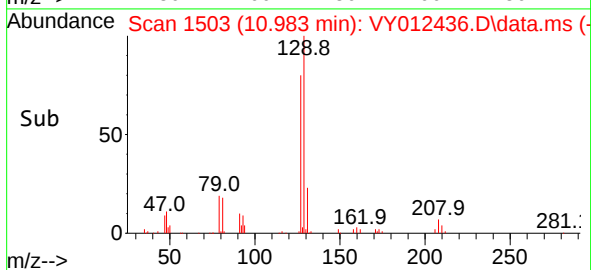
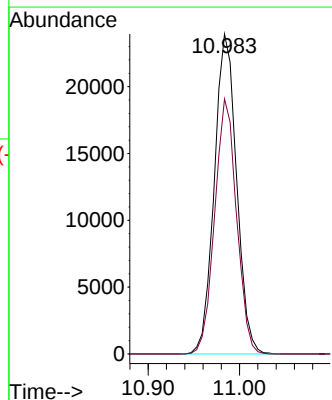
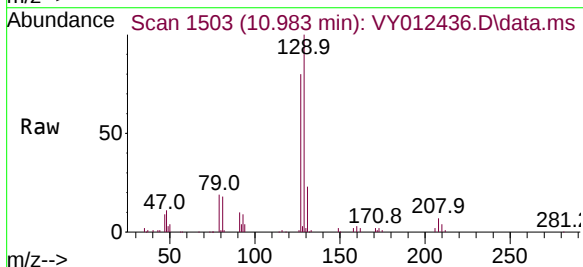
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

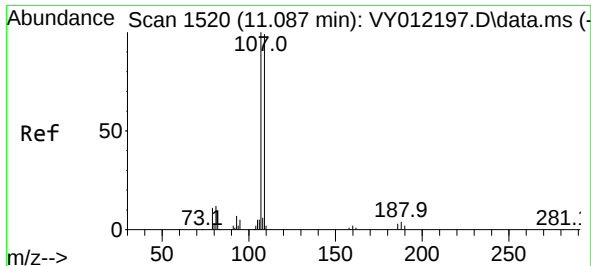
Tgt Ion: 43 Resp: 90536
Ion Ratio Lower Upper
43 100
58 61.5 28.4 85.2



#60
Dibromochloromethane
Concen: 21.746 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 129 Resp: 40532
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6

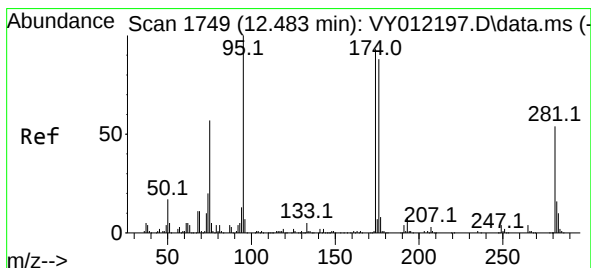
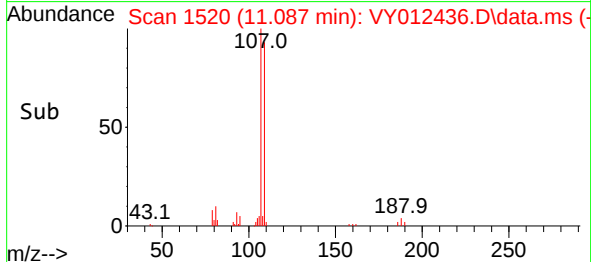
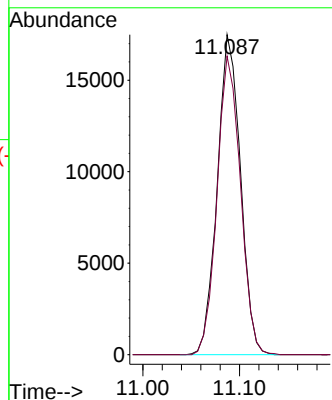
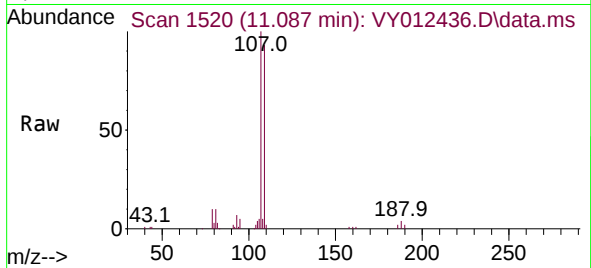




#61
1,2-Dibromoethane
Concen: 21.454 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

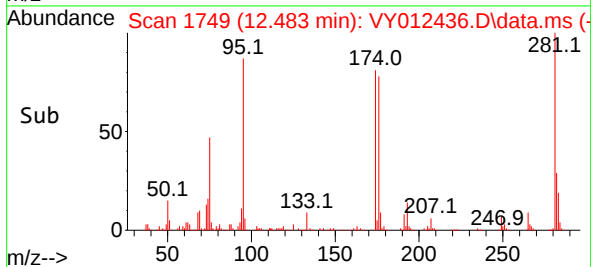
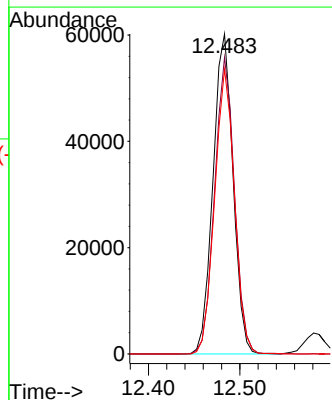
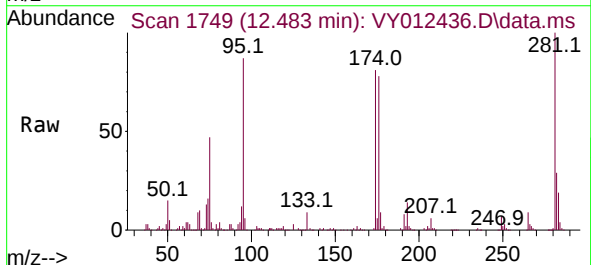
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

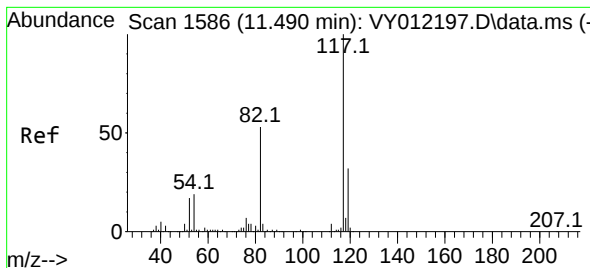
Tgt Ion:107 Resp: 29092
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.991 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 95 Resp: 91552
Ion Ratio Lower Upper
95 100
174 91.8 0.0 172.0
176 88.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

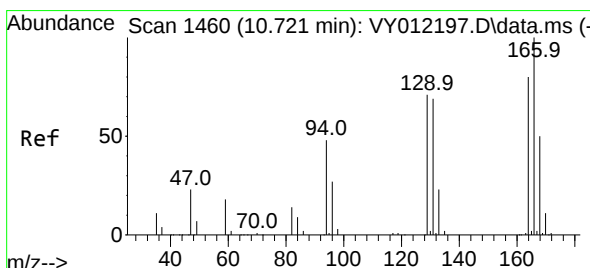
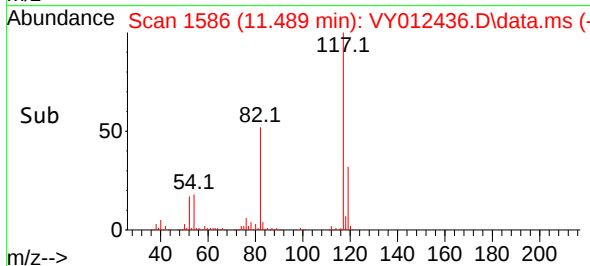
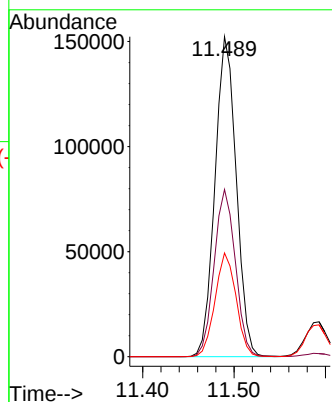
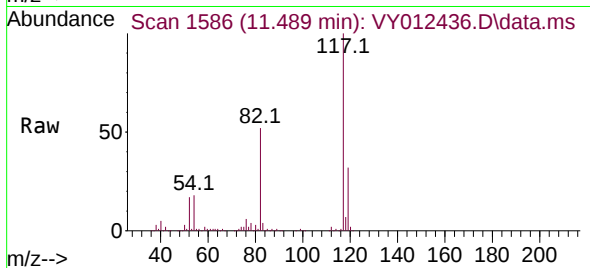
Tgt Ion:117 Resp: 246982

Ion Ratio Lower Upper

117 100

82 52.3 44.8 67.2

119 32.4 25.4 38.2



#64

Tetrachloroethene

Concen: 22.552 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Tgt Ion:164 Resp: 50825

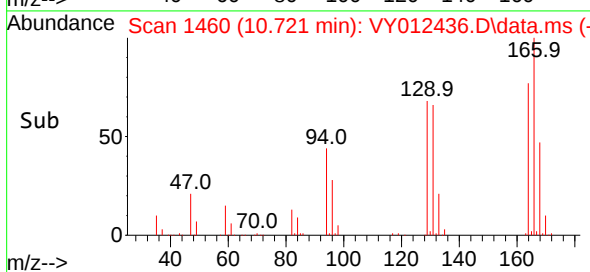
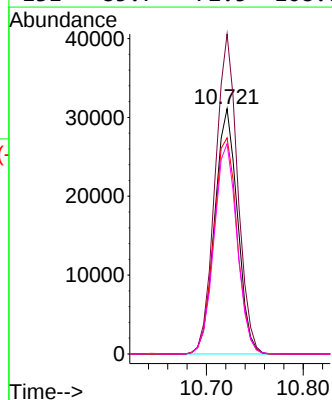
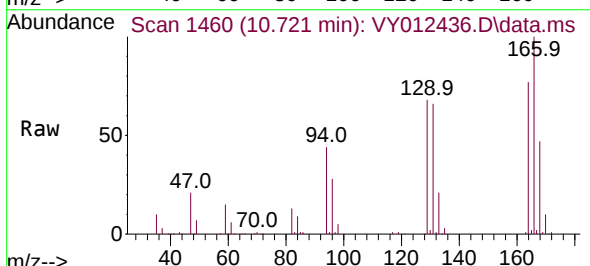
Ion Ratio Lower Upper

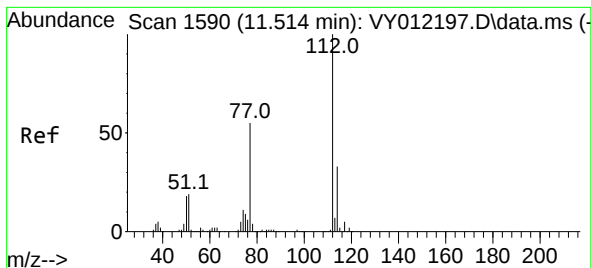
164 100

166 130.4 102.3 153.5

129 88.1 77.2 115.8

131 85.7 72.5 108.7





#65

Chlorobenzene

Concen: 21.656 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

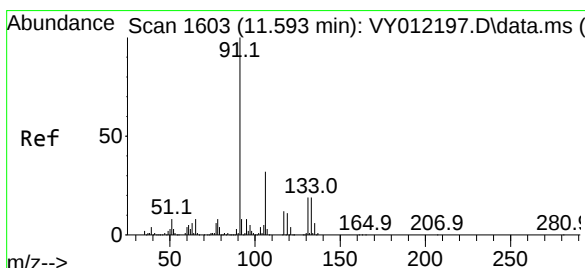
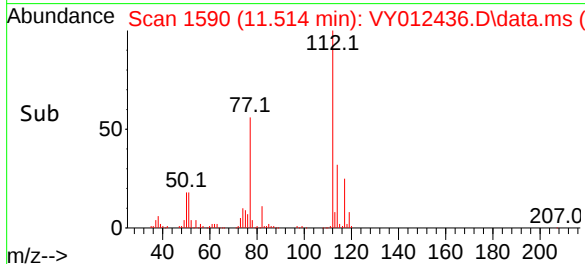
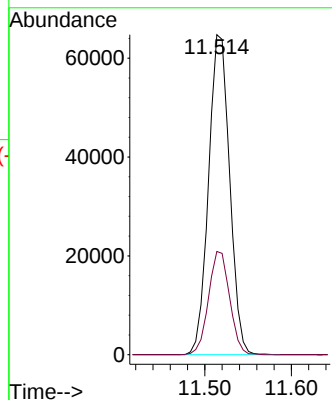
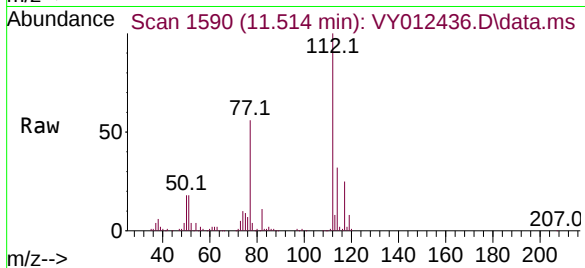
VY0201SBSD01

Tgt Ion:112 Resp: 109437

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 22.115 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

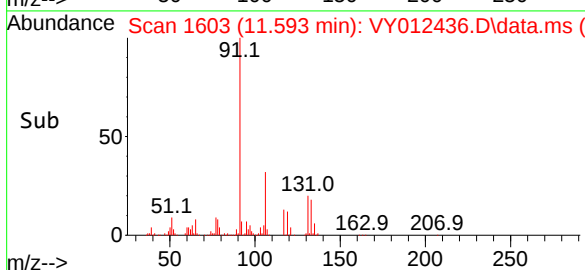
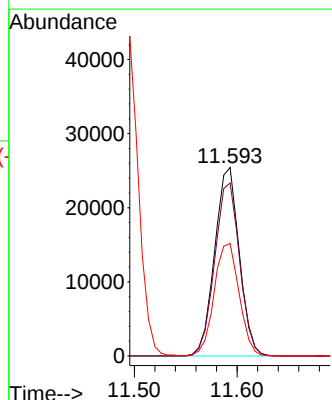
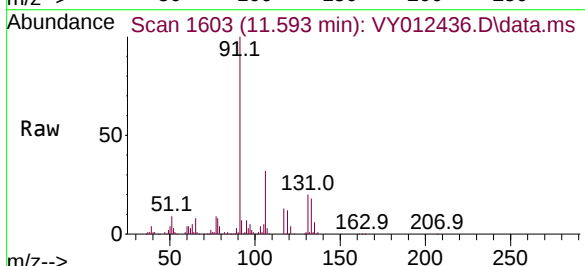
Tgt Ion:131 Resp: 42183

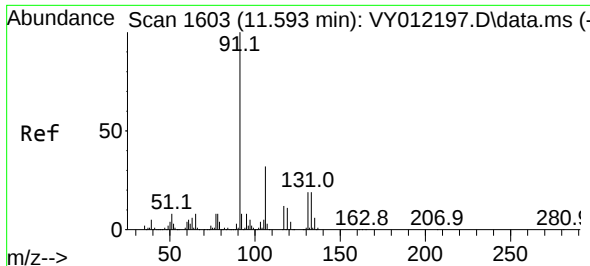
Ion Ratio Lower Upper

131 100

133 93.3 47.3 142.0

119 60.9 32.1 96.3

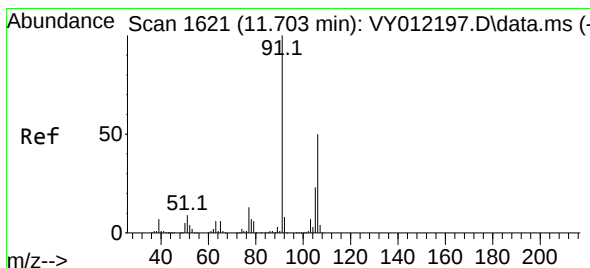
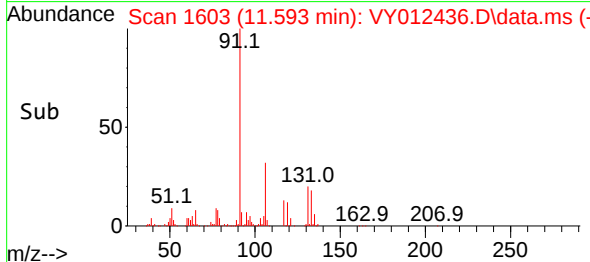
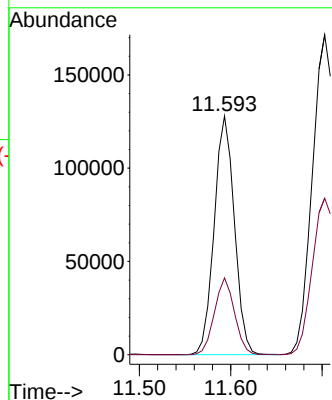
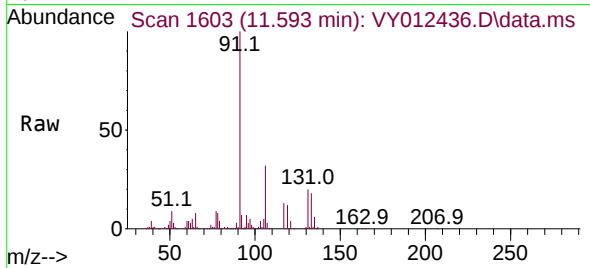




#67
Ethyl Benzene
Concen: 21.756 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

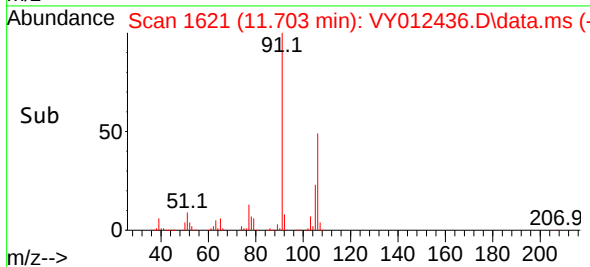
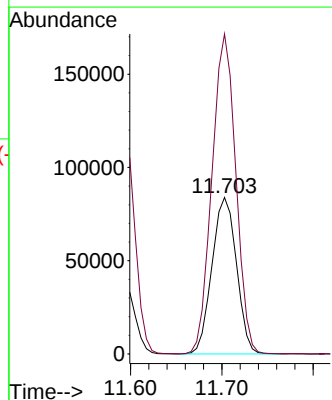
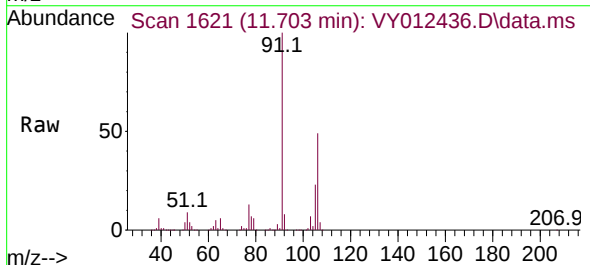
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

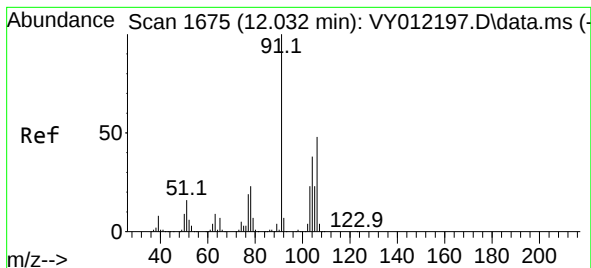
Tgt Ion: 91 Resp: 196487
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4



#68
m/p-Xylenes
Concen: 43.795 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion:106 Resp: 156385
Ion Ratio Lower Upper
106 100
91 199.2 162.5 243.7





#69

o-Xylene

Concen: 21.713 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

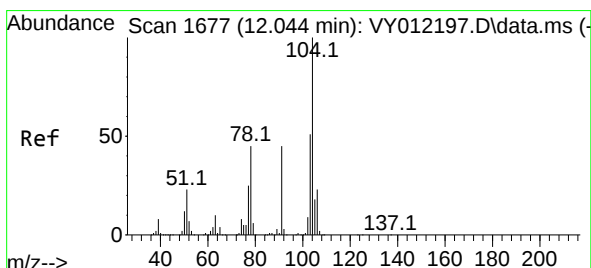
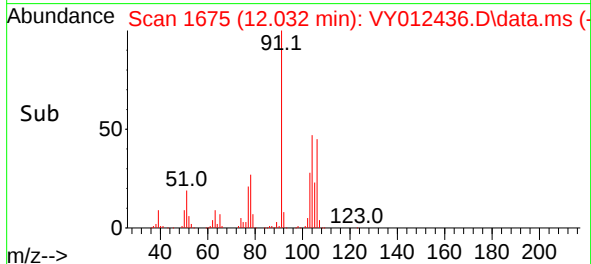
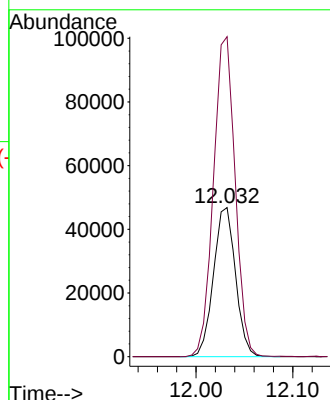
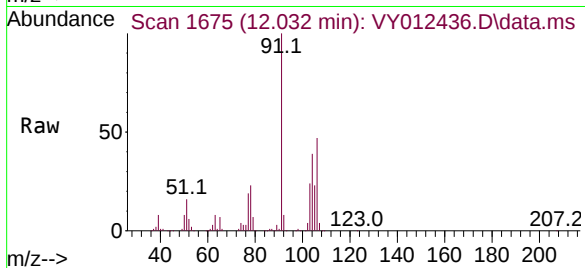
VY0201SBSD01

Tgt Ion:106 Resp: 74056

Ion Ratio Lower Upper

106 100

91 211.1 107.5 322.4



#70

Styrene

Concen: 21.929 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

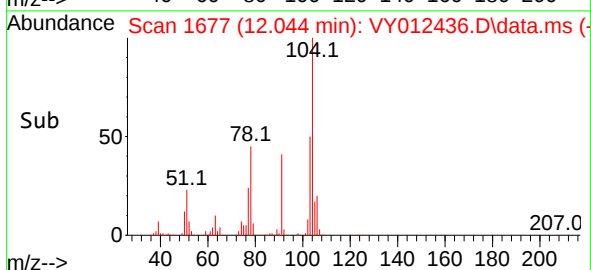
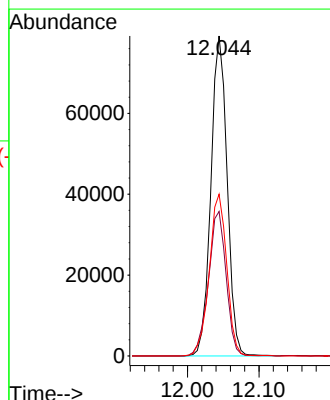
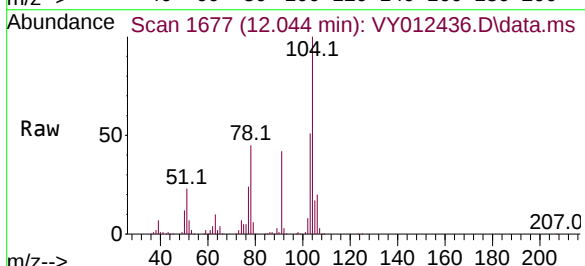
Tgt Ion:104 Resp: 124966

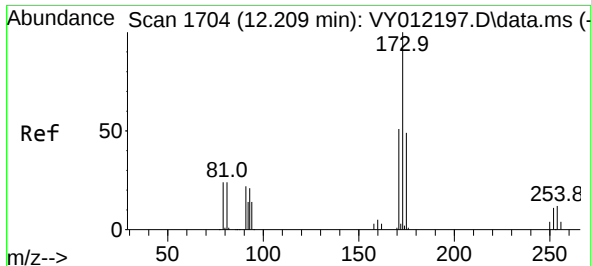
Ion Ratio Lower Upper

104 100

78 49.2 39.4 59.0

103 54.4 43.0 64.4

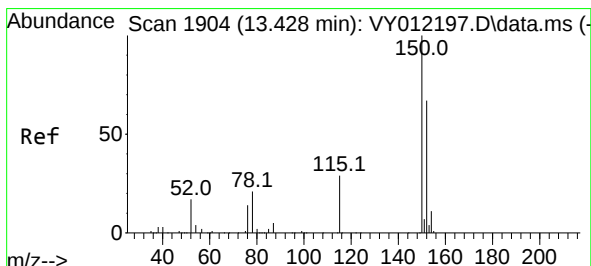
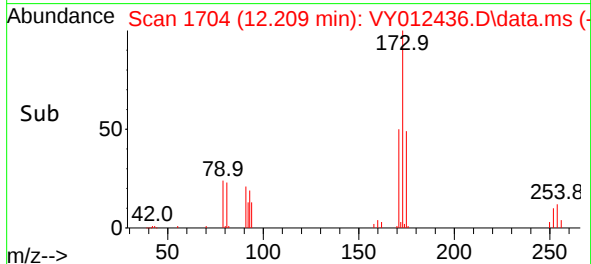
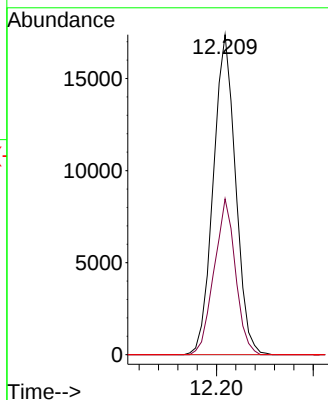
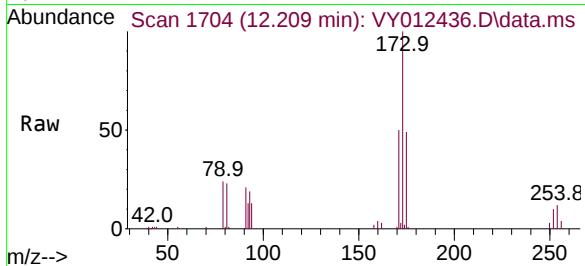




#71
Bromoform
Concen: 22.736 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

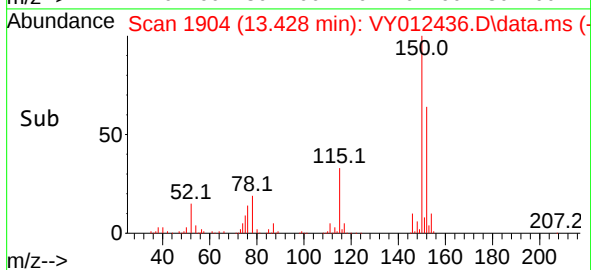
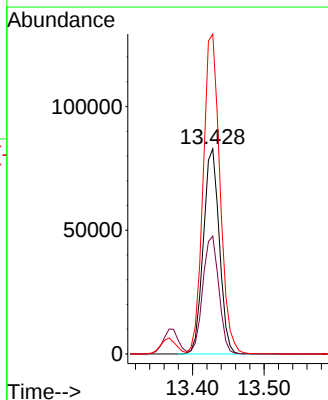
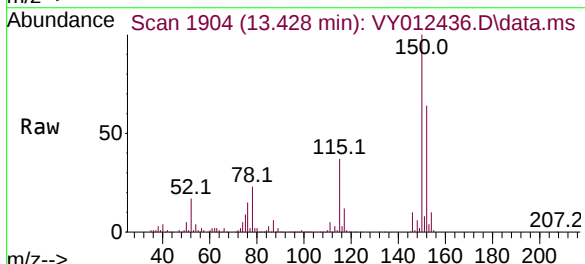
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

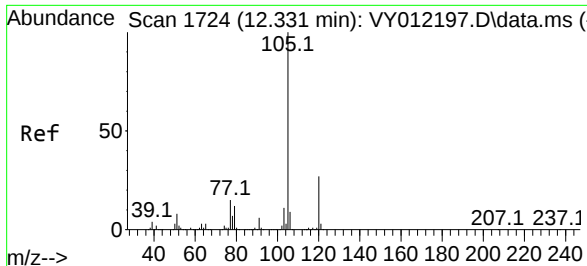
Tgt Ion:173 Resp: 27707
Ion Ratio Lower Upper
173 100
175 46.7 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion:152 Resp: 128209
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 165.0 0.0 342.6

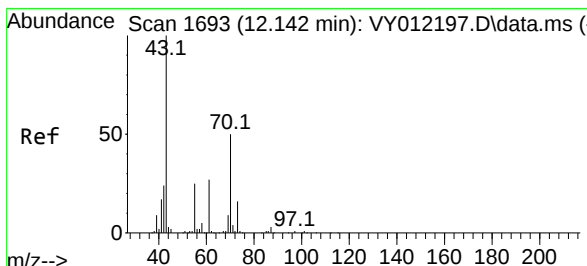
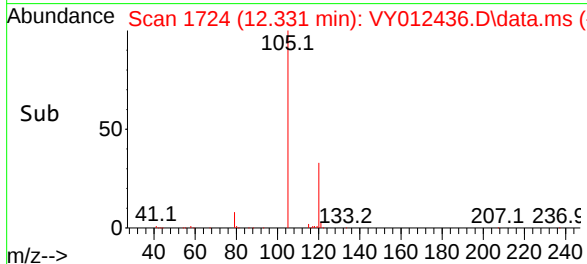
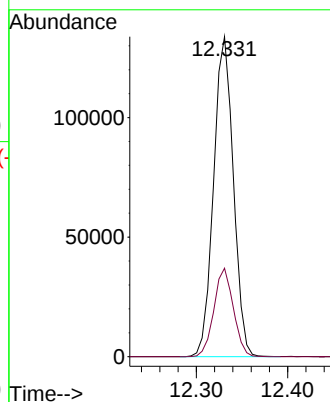
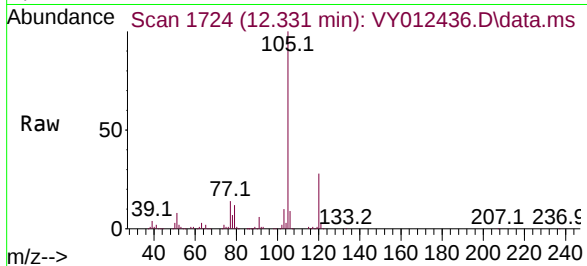




#73
Isopropylbenzene
Concen: 21.708 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

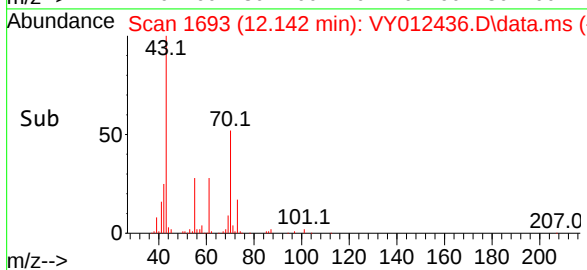
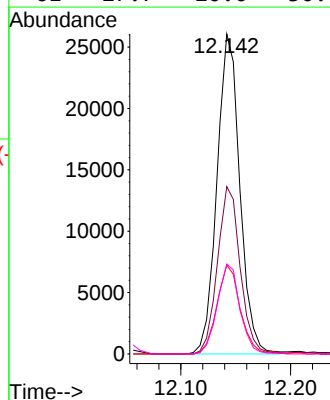
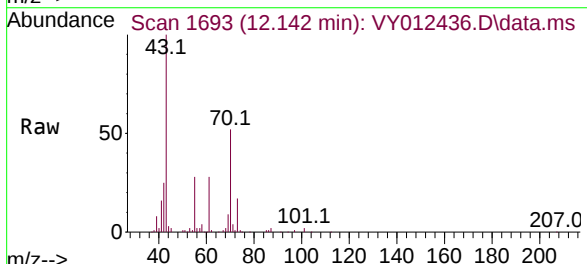
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

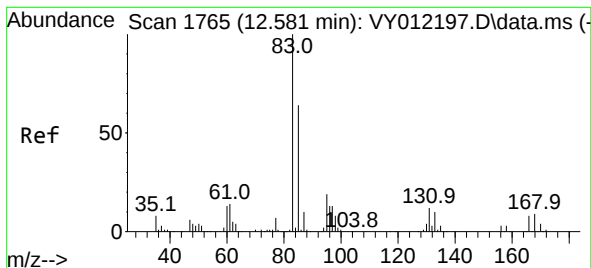
Tgt Ion:105 Resp: 200695
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6



#74
N-ethyl acetate
Concen: 20.847 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 43 Resp: 37781
Ion Ratio Lower Upper
43 100
70 52.1 35.8 53.8
55 28.7 21.0 31.4
61 27.7 20.0 30.0

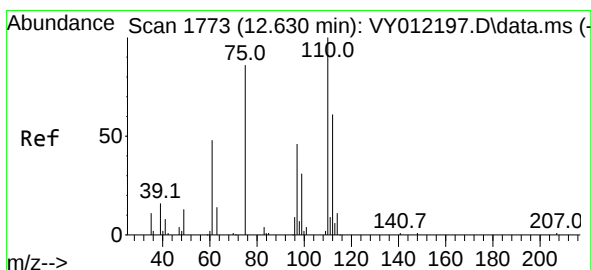
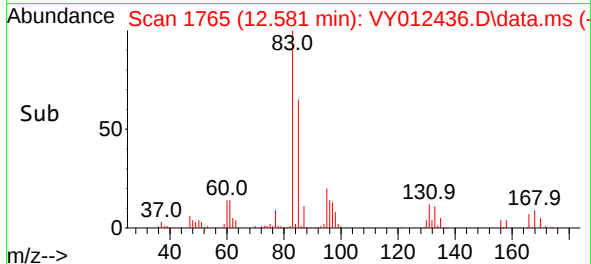
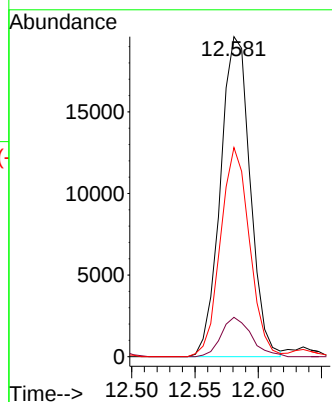
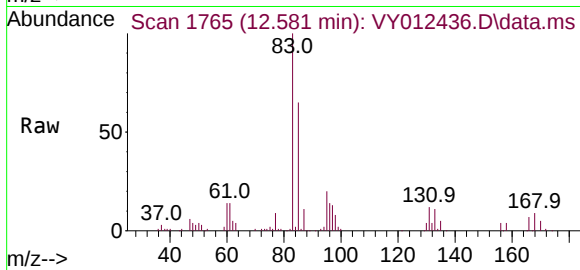




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.998 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

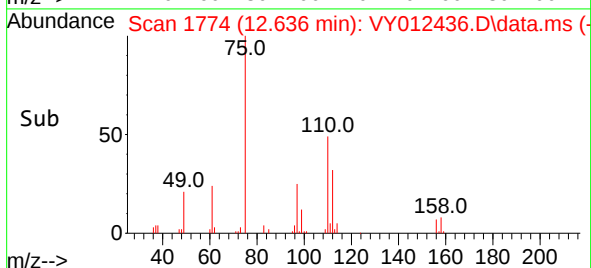
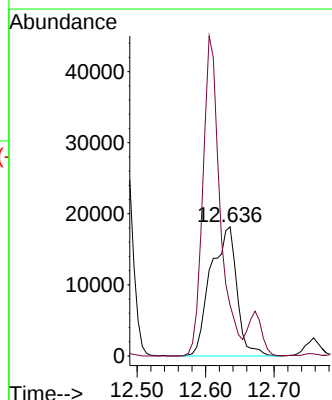
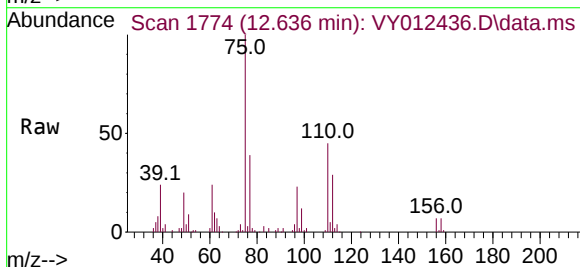
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBSD01

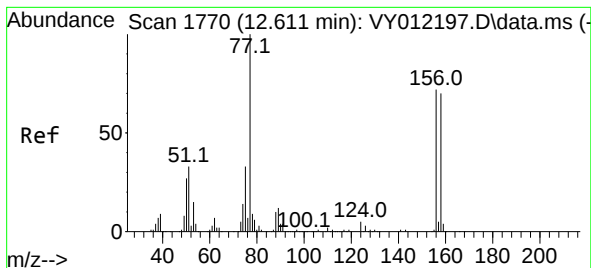
Tgt Ion: 83 Resp: 32033
 Ion Ratio Lower Upper
 83 100
 131 12.4 5.6 16.8
 85 63.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 40.925 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

Tgt Ion: 75 Resp: 48248
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.587 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

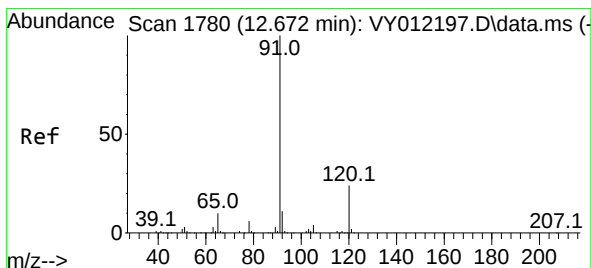
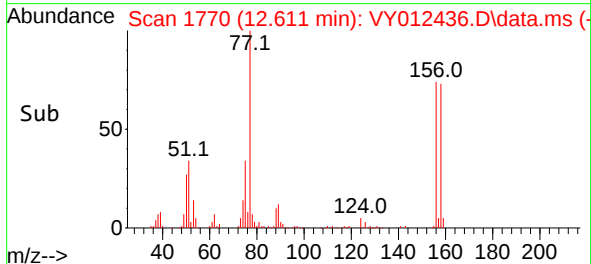
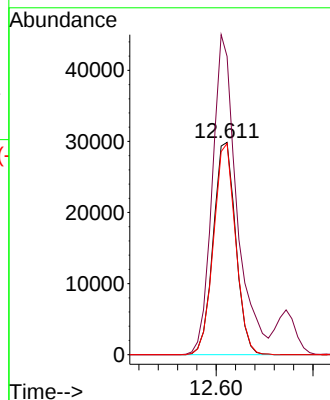
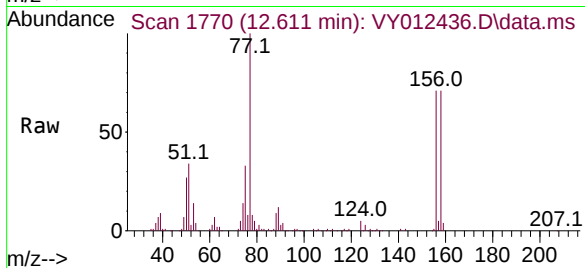
Tgt Ion:156 Resp: 48023

Ion Ratio Lower Upper

156 100

77 165.0 90.0 270.0

158 97.8 48.4 145.2



#78

n-propylbenzene

Concen: 21.841 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012436.D

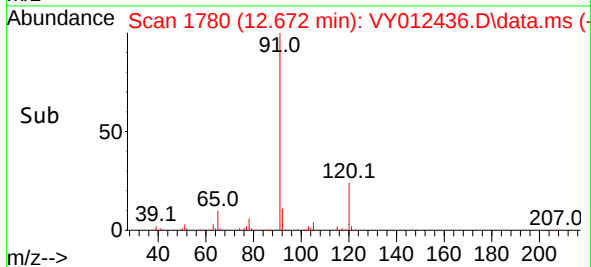
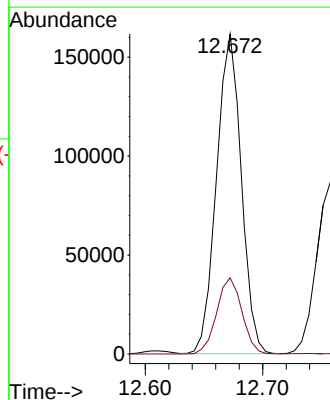
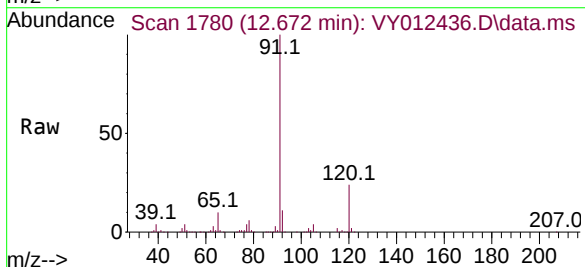
Acq: 01 Feb 2023 12:42

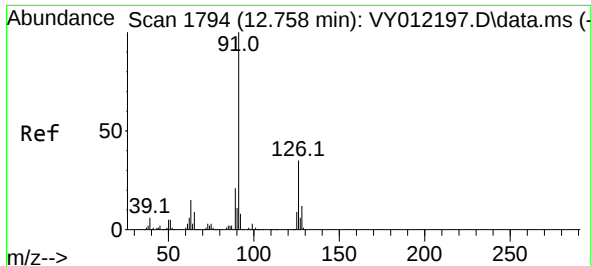
Tgt Ion: 91 Resp: 236284

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4

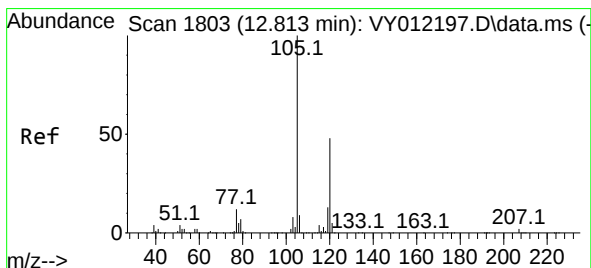
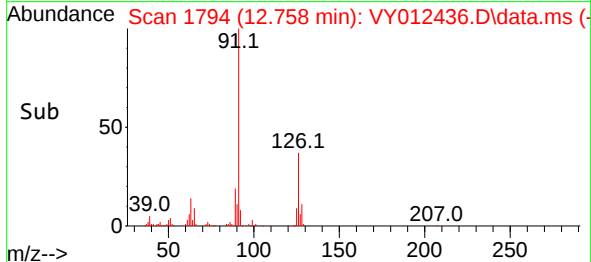
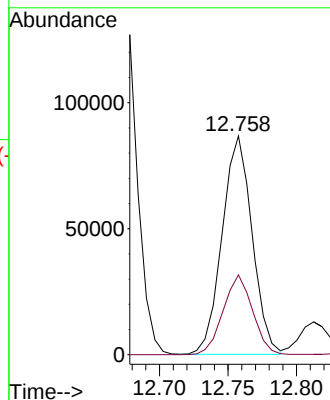
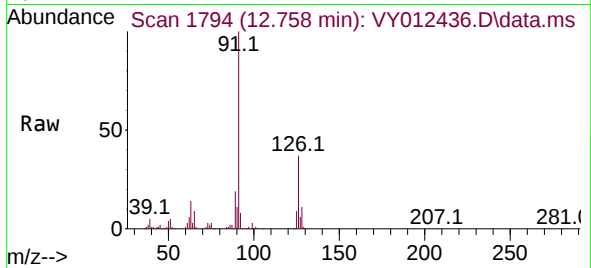




#79
2-Chlorotoluene
Concen: 21.596 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

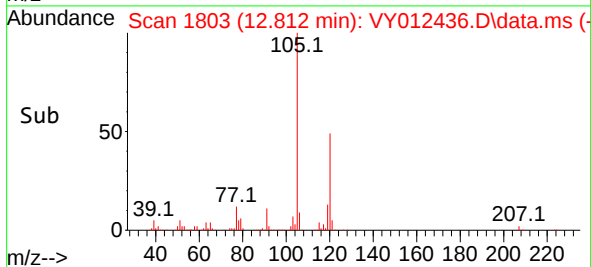
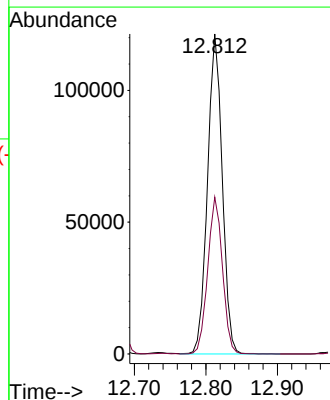
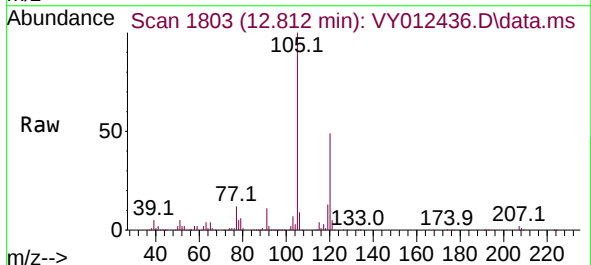
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

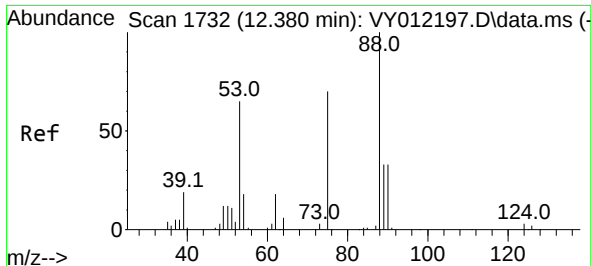
Tgt Ion: 91 Resp: 132098
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 21.667 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 105 Resp: 174138
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

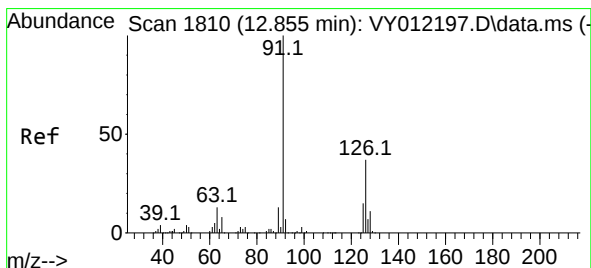
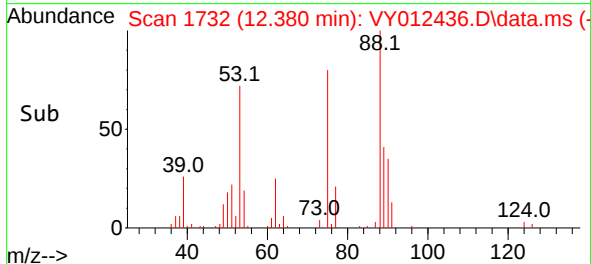
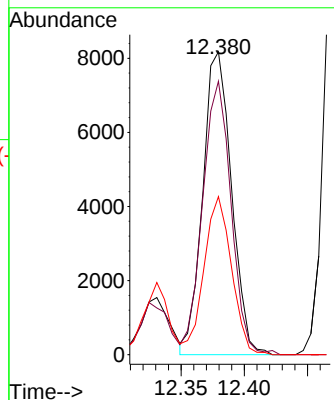
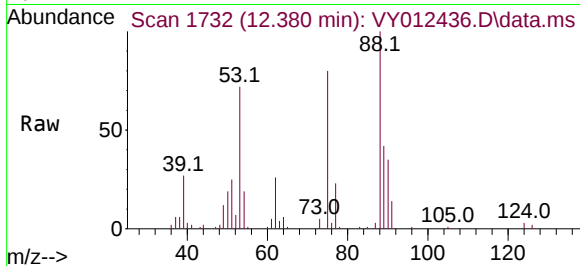




#81
trans-1,4-Dichloro-2-butene
Concen: 22.610 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

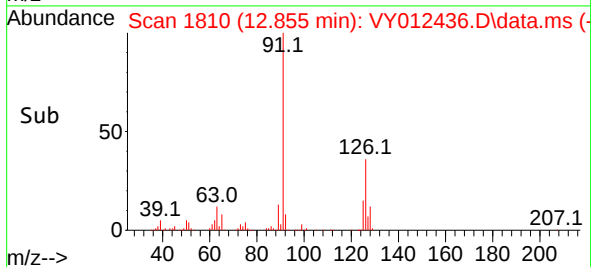
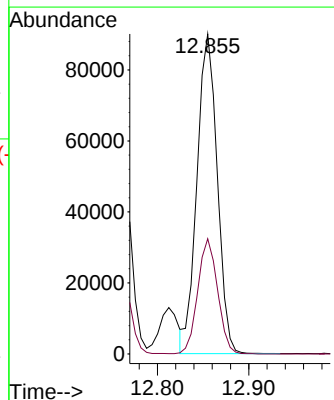
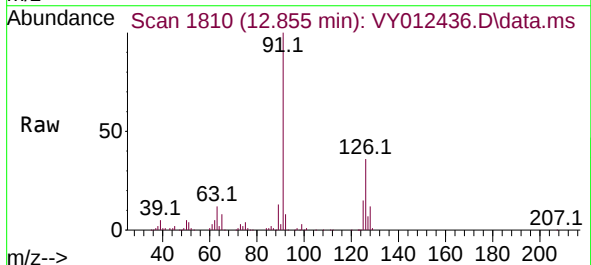
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

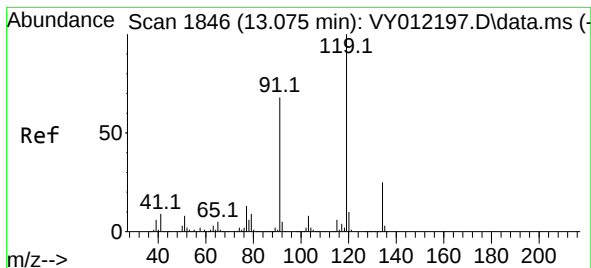
Tgt Ion: 75 Resp: 12937
Ion Ratio Lower Upper
75 100
53 89.2 72.5 108.7
89 50.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.579 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion: 91 Resp: 138646
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.150 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

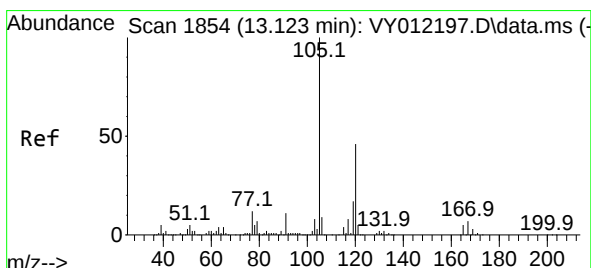
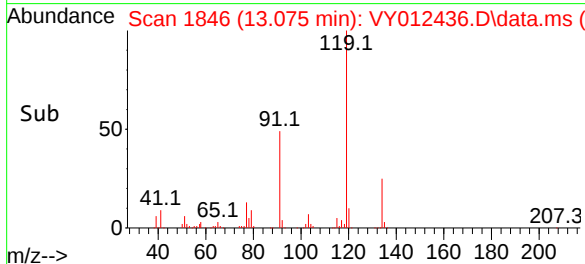
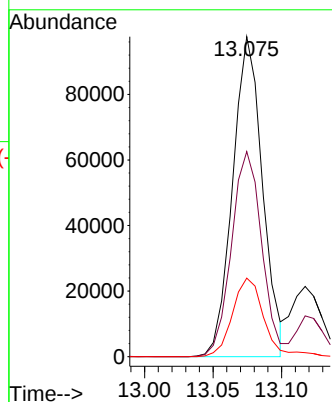
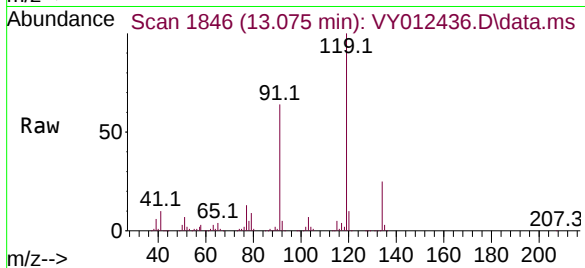
Tgt Ion:119 Resp: 148150

Ion Ratio Lower Upper

119 100

91 65.6 32.3 96.8

134 26.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 21.527 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012436.D

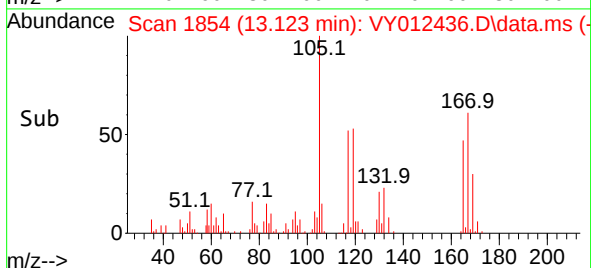
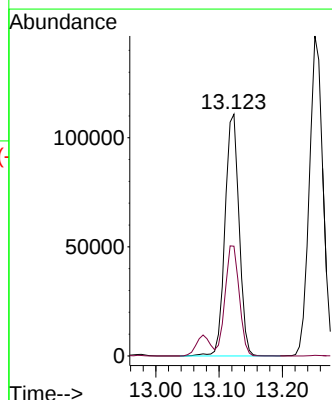
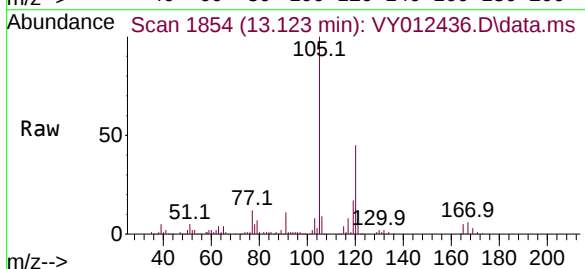
Acq: 01 Feb 2023 12:42

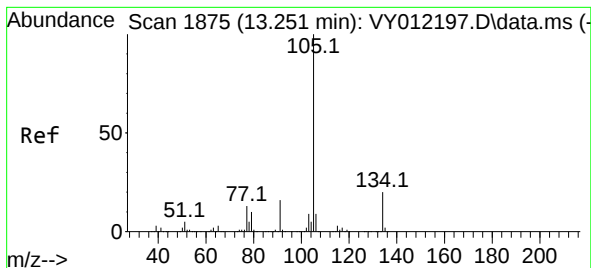
Tgt Ion:105 Resp: 170617

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 21.919 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

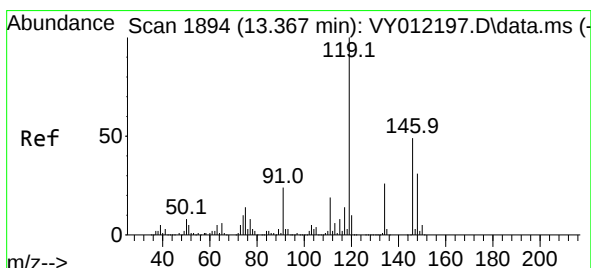
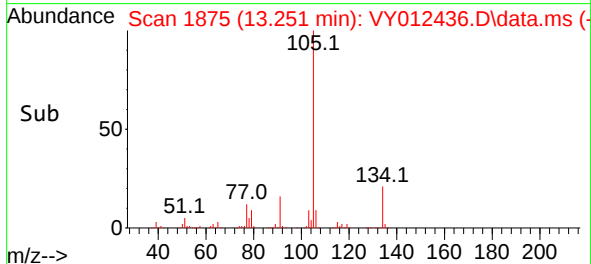
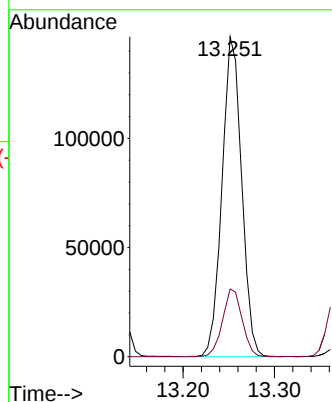
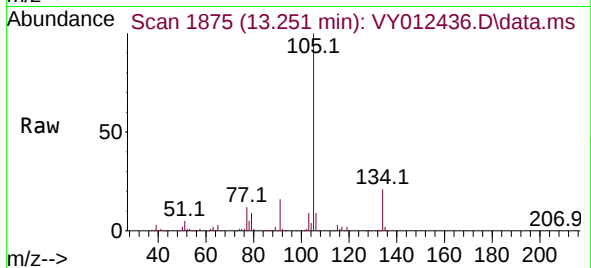
VY0201SBSD01

Tgt Ion:105 Resp: 218593

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 21.652 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

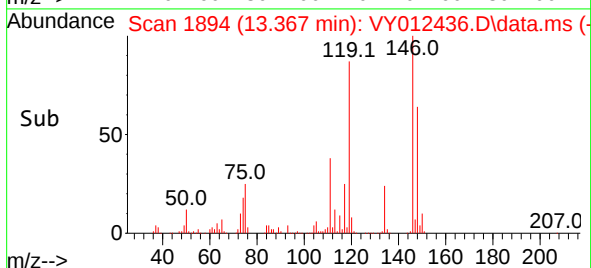
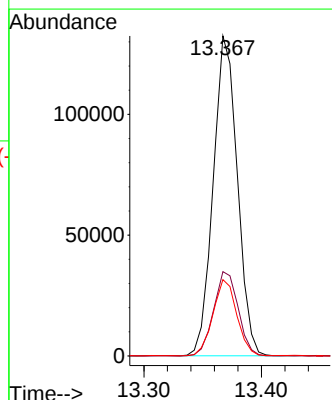
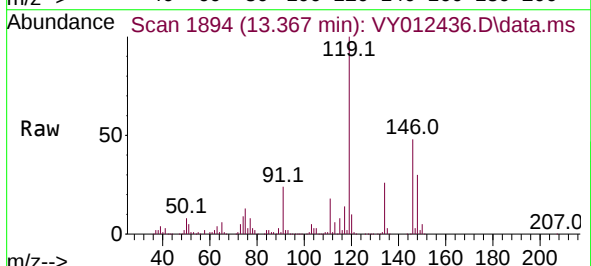
Tgt Ion:119 Resp: 188666

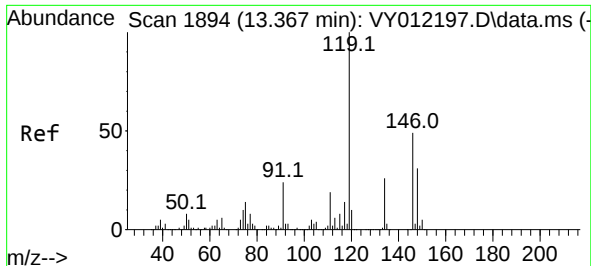
Ion Ratio Lower Upper

119 100

134 26.9 13.0 39.0

91 23.5 11.9 35.9

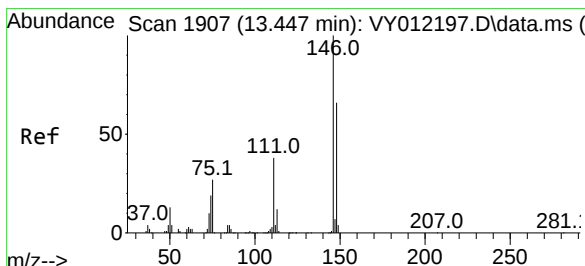
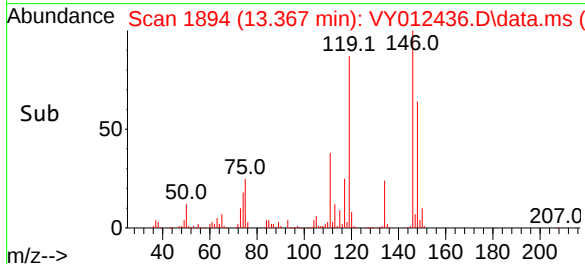
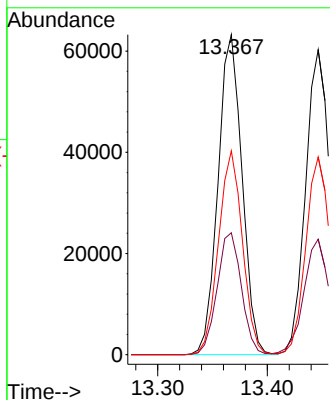
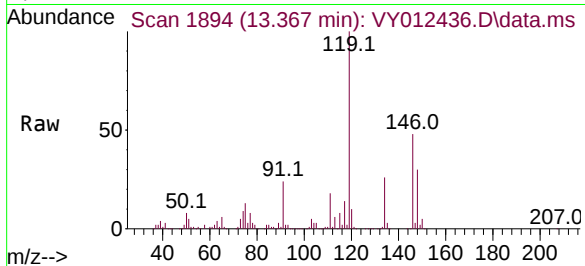




#87
 1,3-Dichlorobenzene
 Concen: 21.810 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

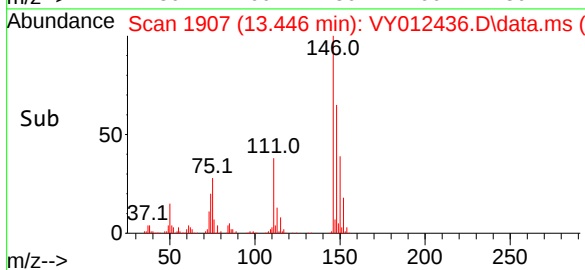
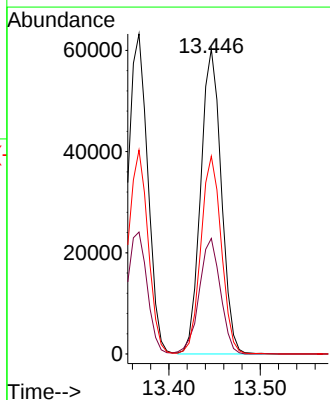
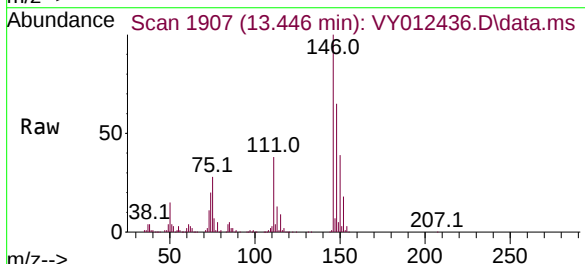
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBSD01

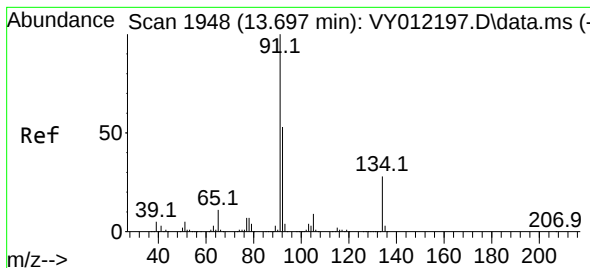
Tgt Ion:146 Resp: 96498
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.0
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.329 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012436.D
 Acq: 01 Feb 2023 12:42

Tgt Ion:146 Resp: 94115
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.7
 148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 21.753 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

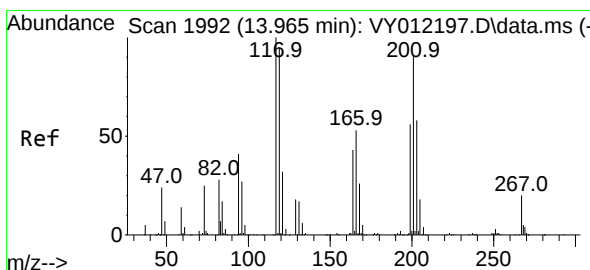
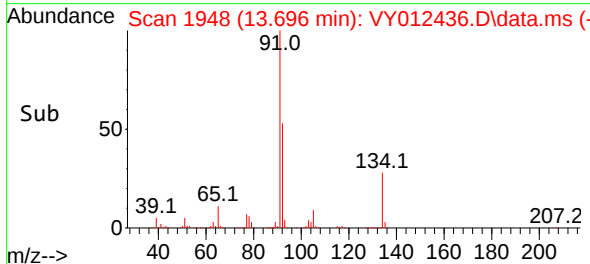
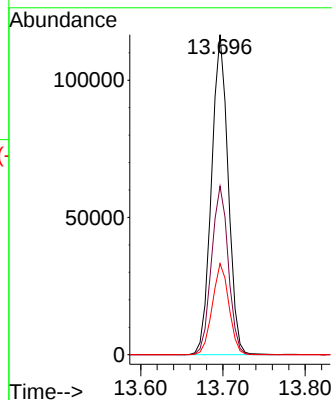
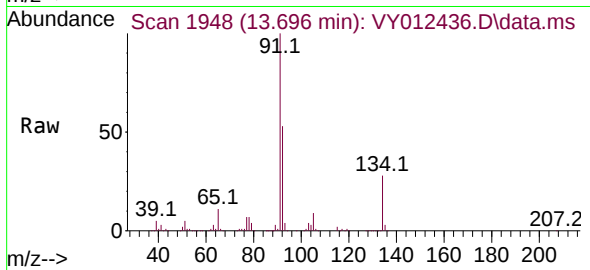
Tgt Ion: 91 Resp: 164259

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 28.4 13.3 39.8



#90

Hexachloroethane

Concen: 21.385 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012436.D

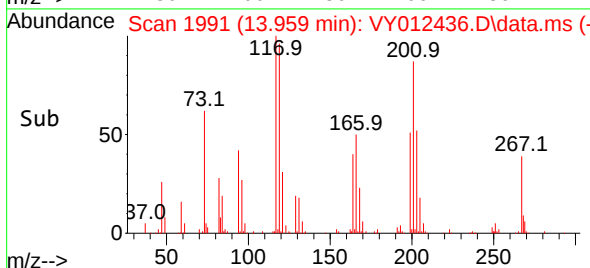
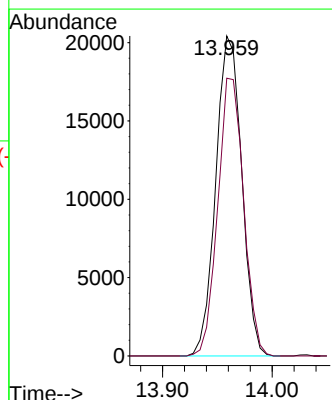
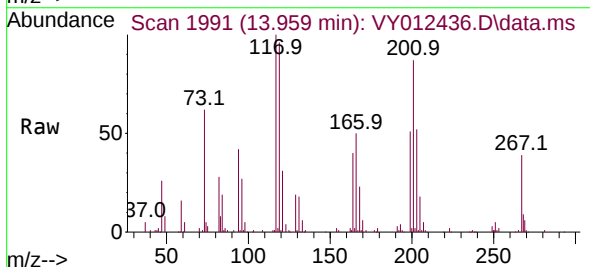
Acq: 01 Feb 2023 12:42

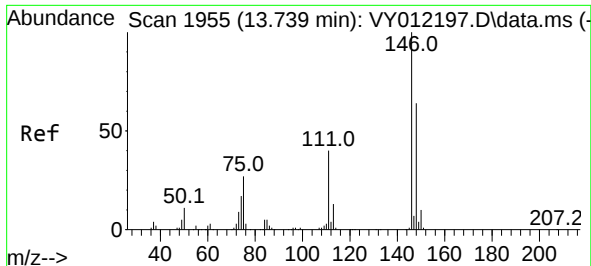
Tgt Ion: 117 Resp: 33639

Ion Ratio Lower Upper

117 100

201 86.3 40.3 120.8

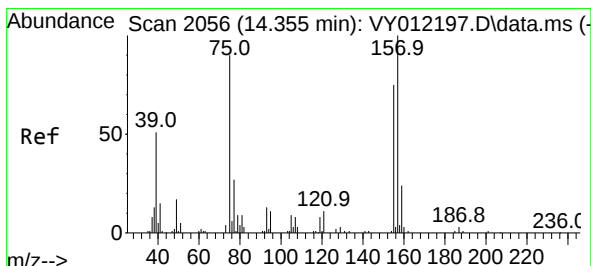
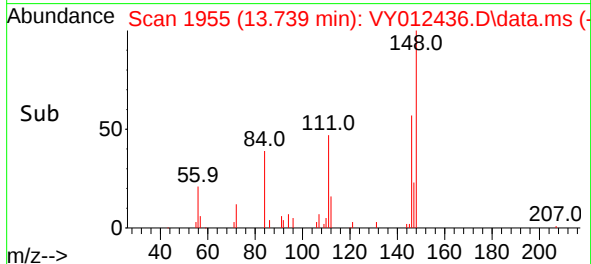
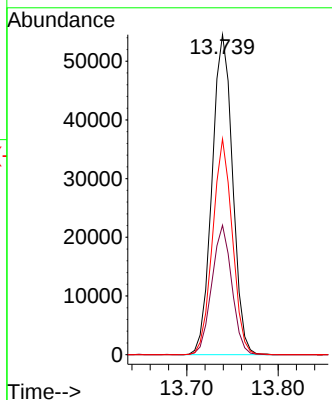
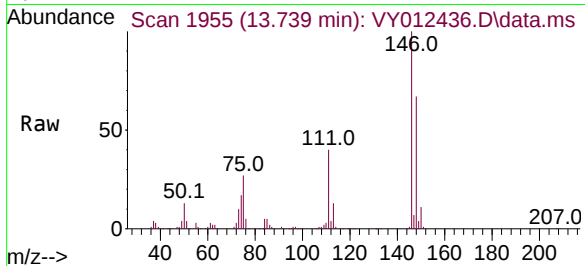




#91
1,2-Dichlorobenzene
Concen: 21.567 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

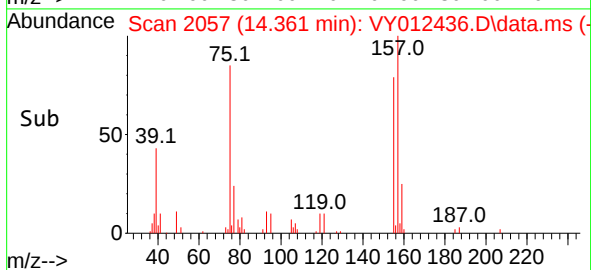
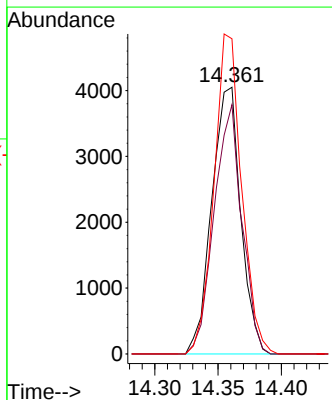
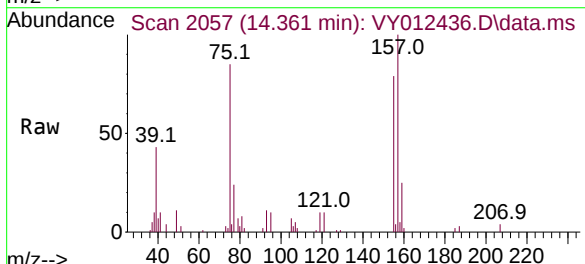
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

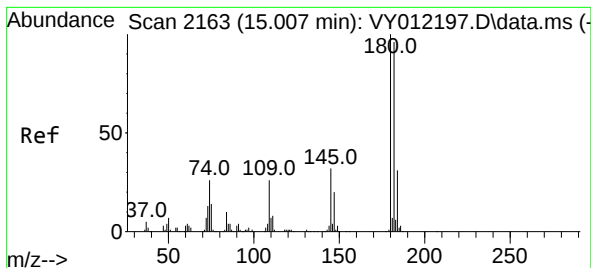
Tgt Ion:	146	Resp:	85144
Ion Ratio	Lower	Upper	
146	100		
111	39.2	20.3	60.8
148	64.8	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.426 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012436.D
Acq: 01 Feb 2023 12:42

Tgt Ion:	75	Resp:	6448
Ion Ratio	Lower	Upper	
75	100		
155	89.6	42.3	126.8
157	114.4	54.4	163.3





#93

1,2,4-Trichlorobenzene

Concen: 20.617 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

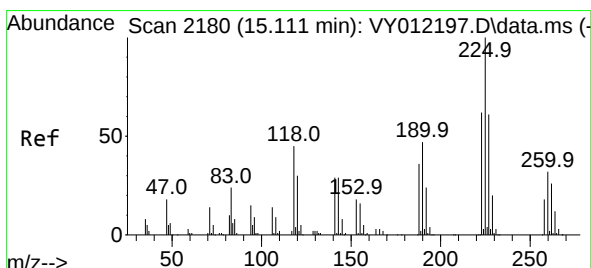
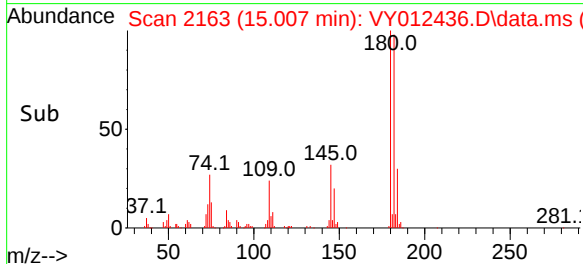
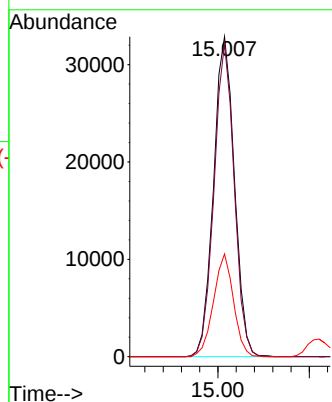
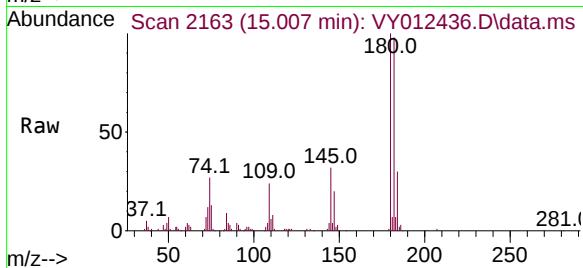
Tgt Ion:180 Resp: 52153

Ion Ratio Lower Upper

180 100

182 94.3 48.1 144.3

145 30.7 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.574 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

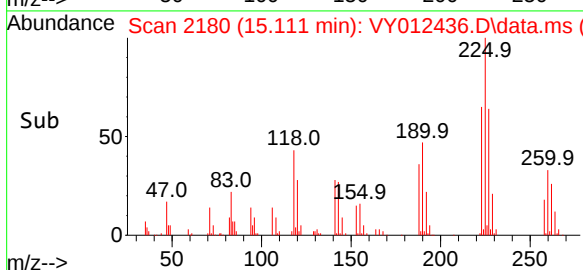
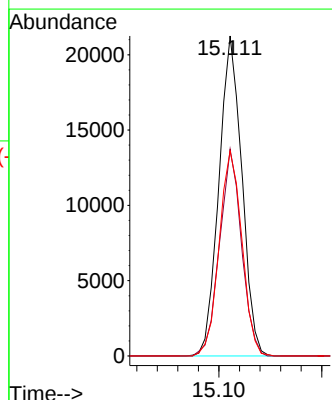
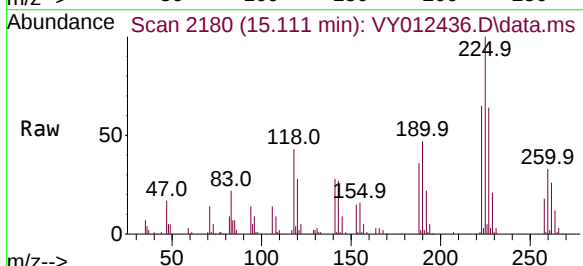
Tgt Ion:225 Resp: 32858

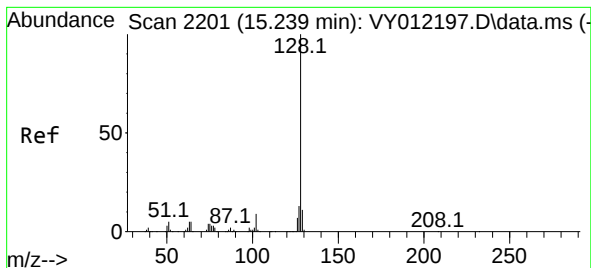
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

227 63.5 32.6 97.8





#95

Naphthalene

Concen: 20.112 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBSD01

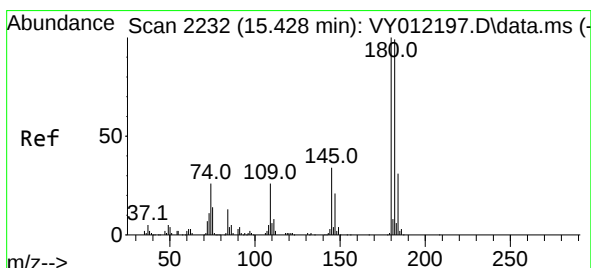
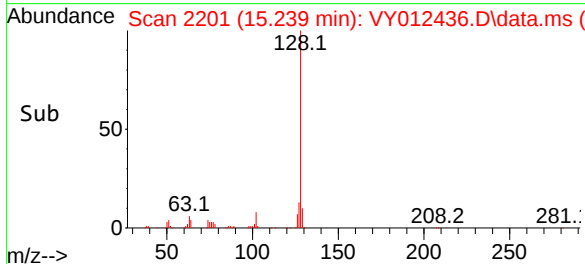
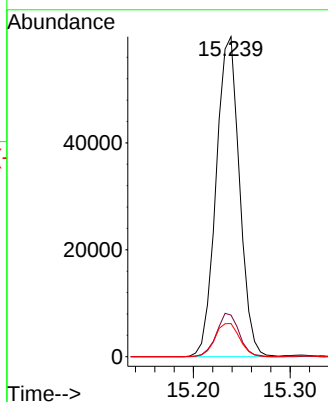
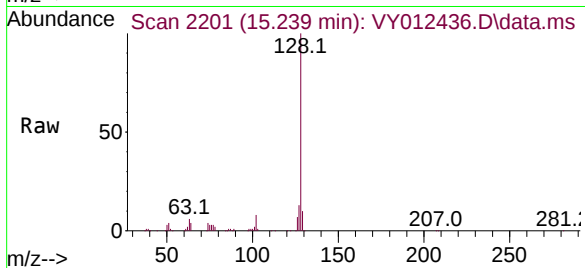
Tgt Ion:128 Resp: 100419

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.672 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012436.D

Acq: 01 Feb 2023 12:42

Tgt Ion:180 Resp: 44999

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 32.3 16.1 48.2

