

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012076.D
 Acq On : 05 Jan 2023 15:40
 Operator : KP/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

Quant Time: Jan 05 23:18:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95824	50.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.716	113	87191	51.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.179	98	336441	48.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	12.477	95	120336	51.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37544	26.268	ug/l	98
3) Chloromethane	2.113	50	34418	20.568	ug/l	97
4) Vinyl Chloride	2.247	62	39058	21.165	ug/l	97
5) Bromomethane	2.637	94	28962	22.059	ug/l	98
6) Chloroethane	2.790	64	25400	21.057	ug/l	99
7) Trichlorofluoromethane	3.119	101	74761	23.142	ug/l	98
8) Diethyl Ether	3.521	74	21836	21.907	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	38973	21.915	ug/l	96
10) Methyl Iodide	4.088	142	51275	20.839	ug/l	95
11) Tert butyl alcohol	4.936	59	37136	191.788	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	38446	21.613	ug/l	98
13) Acrolein	3.723	56	15740	88.889	ug/l	99
14) Allyl chloride	4.472	41	50747	19.372	ug/l	90
15) Acrylonitrile	5.161	53	49091	105.874	ug/l	99
16) Acetone	3.942	43	47374	87.008	ug/l	95
17) Carbon Disulfide	4.186	76	119256	21.016	ug/l	100
18) Methyl Acetate	4.472	43	25797	19.709	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	104121	22.812	ug/l	94
20) Methylene Chloride	4.710	84	50471	19.478	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	43347	21.446	ug/l	93
22) Diisopropyl ether	6.112	45	104482	20.251	ug/l #	90
23) Vinyl Acetate	6.051	43	308122	103.801	ug/l	95
24) 1,1-Dichloroethane	6.015	63	69451	20.709	ug/l	96
25) 2-Butanone	6.978	43	62376	98.854	ug/l	95
26) 2,2-Dichloropropane	6.978	77	73704	22.459	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	46988	21.494	ug/l	98
28) Bromochloromethane	7.326	49	16518	17.949	ug/l	84
29) Tetrahydrofuran	7.338	42	36715	102.698	ug/l	90
30) Chloroform	7.502	83	78359	21.678	ug/l	99
31) Cyclohexane	7.783	56	63464	19.902	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	76813	22.341	ug/l	98
36) 1,1-Dichloropropene	7.911	75	58931	21.544	ug/l	97
37) Ethyl Acetate	7.070	43	27359	22.293	ug/l #	95
38) Carbon Tetrachloride	7.899	117	73158	23.158	ug/l	95
39) Methylcyclohexane	9.179	83	71302	21.663	ug/l	95
40) Benzene	8.155	78	169749	21.685	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	35713	60.179	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	52279	23.199	ug/l	98
43) Isopropyl Acetate	8.271	43	47941	21.389	ug/l #	94
44) Trichloroethene	8.935	130	48369	21.922	ug/l	94
45) 1,2-Dichloropropane	9.209	63	36663	20.271	ug/l	96
46) Dibromomethane	9.301	93	23443	22.502	ug/l	96
47) Bromodichloromethane	9.496	83	57911	21.910	ug/l	98
48) Methyl methacrylate	9.289	41	22681	21.856	ug/l	96
49) 1,4-Dioxane	9.295	88	5888	473.360	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	127185	106.419	ug/l	97
52) Toluene	10.240	92	110920	22.240	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	59750	22.372	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	67274	22.409	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	33150	22.423	ug/l	95
56) Ethyl methacrylate	10.508	69	41785	22.323	ug/l	96
57) 1,3-Dichloropropane	10.788	76	54289	22.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	74123	102.621	ug/l	91
59) 2-Hexanone	10.831	43	89847	102.188	ug/l	96
60) Dibromochloromethane	10.983	129	43064	23.122	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31551	22.811	ug/l	97
64) Tetrachloroethene	10.715	164	52724	23.490	ug/l	98
65) Chlorobenzene	11.514	112	118707	22.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	45554	22.996	ug/l	97
67) Ethyl Benzene	11.593	91	210891	21.913	ug/l	100
68) m/p-Xylenes	11.703	106	168139	44.922	ug/l	98
69) o-Xylene	12.026	106	78653	22.585	ug/l	99
70) Styrene	12.044	104	133051	22.754	ug/l	99
71) Bromoform	12.203	173	27928	23.793	ug/l #	99
73) Isopropylbenzene	12.325	105	212874	21.271	ug/l	99
74) N-amyl acetate	12.142	43	40828	19.900	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	33832	20.265	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	49588	29.549	ug/l #	100
77) Bromobenzene	12.605	156	50499	21.811	ug/l	93
78) n-propylbenzene	12.672	91	251382	20.897	ug/l	99
79) 2-Chlorotoluene	12.758	91	141666	20.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	182630	21.315	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12968	21.162	ug/l	97
82) 4-Chlorotoluene	12.849	91	148686	21.252	ug/l	99
83) tert-Butylbenzene	13.075	119	158525	21.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	181161	21.492	ug/l	100
85) sec-Butylbenzene	13.251	105	228684	21.090	ug/l	98
86) p-Isopropyltoluene	13.367	119	200750	21.942	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	100292	21.539	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98458	21.270	ug/l	100
89) n-Butylbenzene	13.696	91	171720	20.733	ug/l	98
90) Hexachloroethane	13.959	117	35775	20.493	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	88443	21.788	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6406	22.327	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	52771	22.099	ug/l	99
94) Hexachlorobutadiene	15.111	225	33806	21.910	ug/l	98
95) Naphthalene	15.233	128	98036	21.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	44475	22.029	ug/l	99

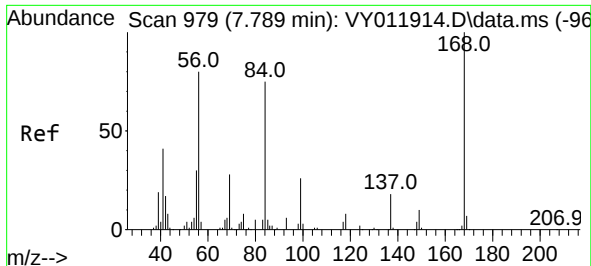
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
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Response via : Initial Calibration

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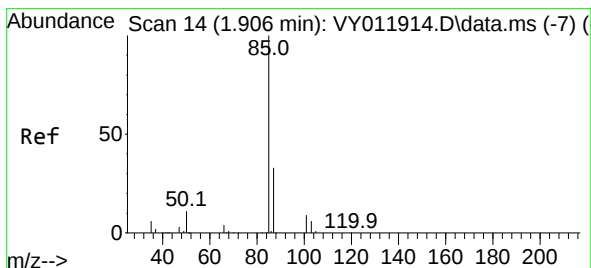
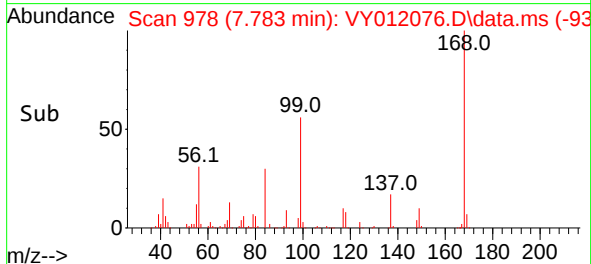
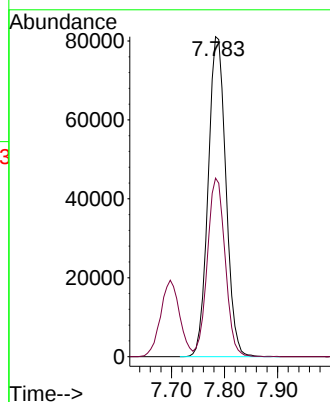
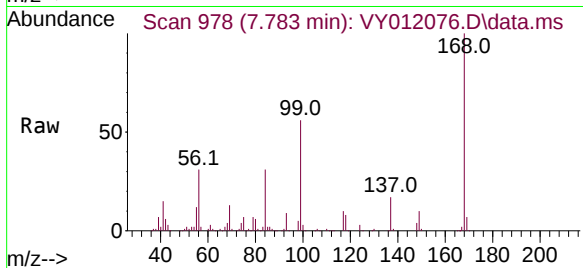
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

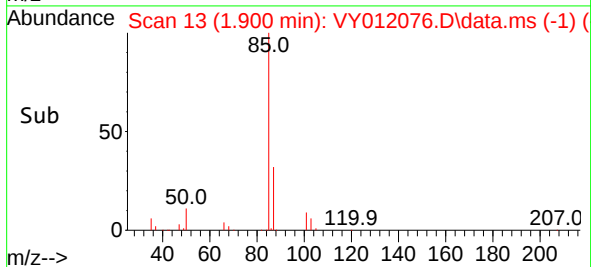
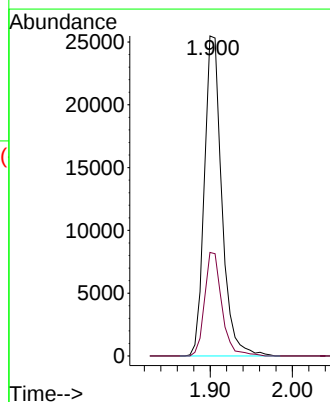
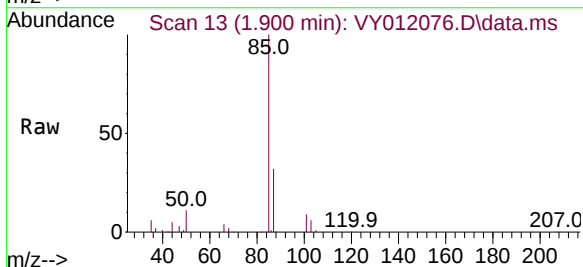
Instrument :
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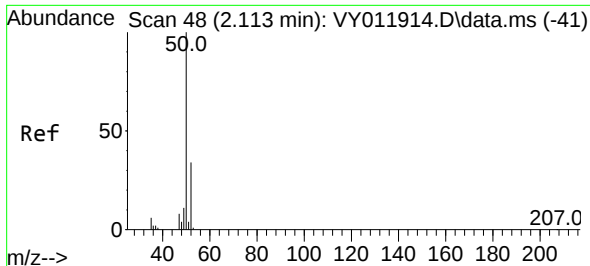
Tgt Ion:168 Resp: 188020
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 26.268 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 85 Resp: 37544
Ion Ratio Lower Upper
85 100
87 32.4 16.8 50.4

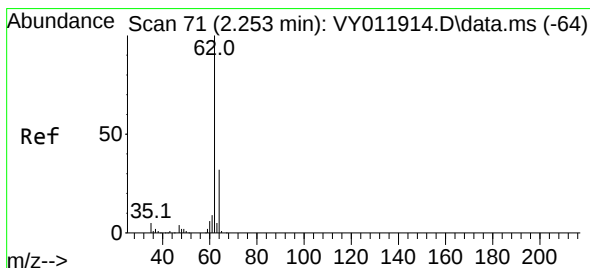
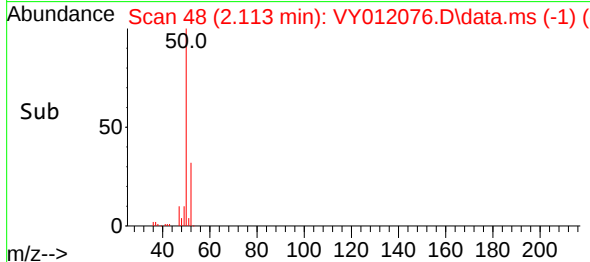
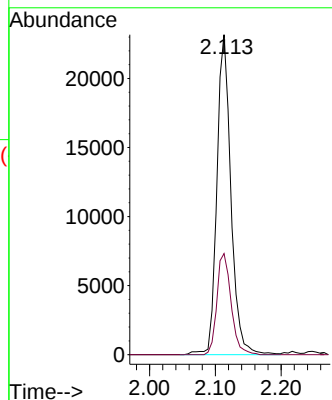
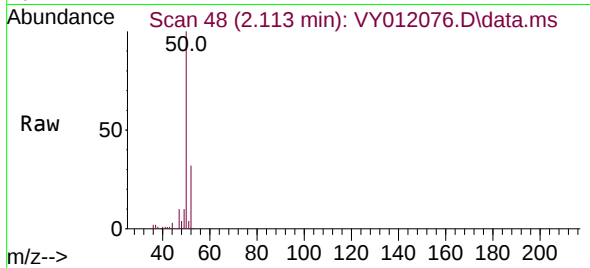




#3
Chloromethane
Concen: 20.568 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

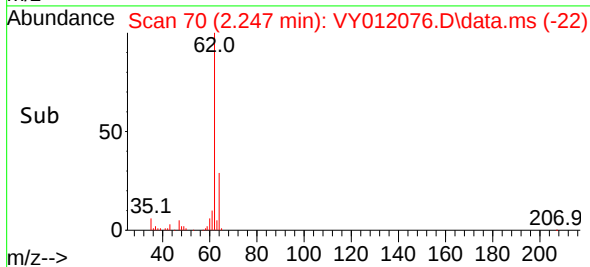
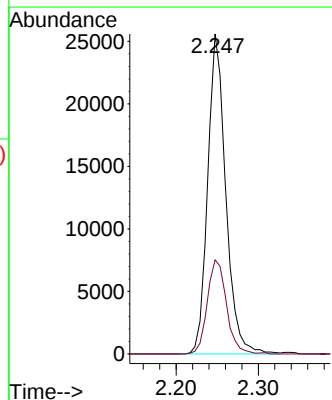
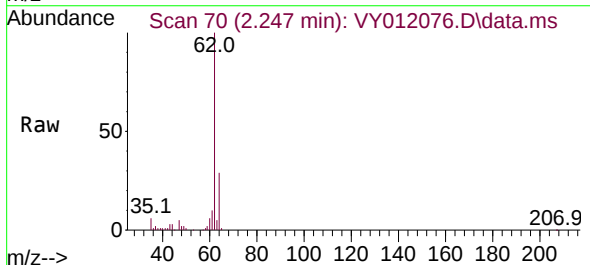
Instrument :
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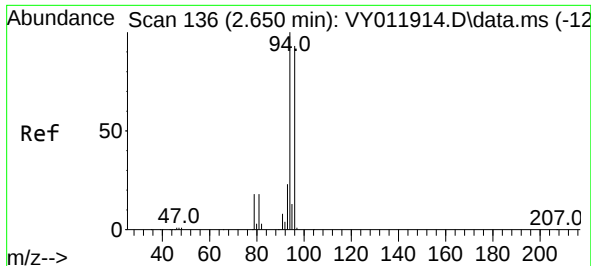
Tgt Ion: 50 Resp: 34418
Ion Ratio Lower Upper
50 100
52 31.6 26.8 40.2



#4
Vinyl Chloride
Concen: 21.165 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 62 Resp: 39058
Ion Ratio Lower Upper
62 100
64 29.4 25.0 37.6

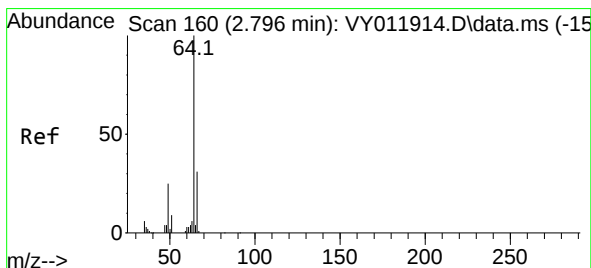
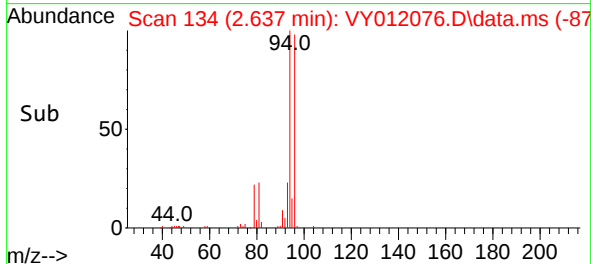
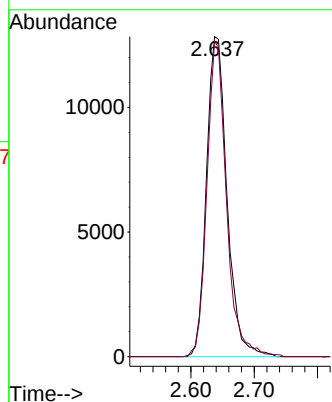
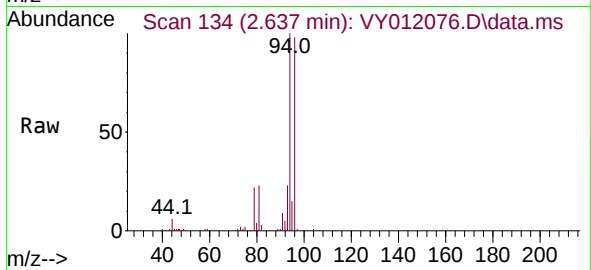




#5
Bromomethane
Concen: 22.059 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

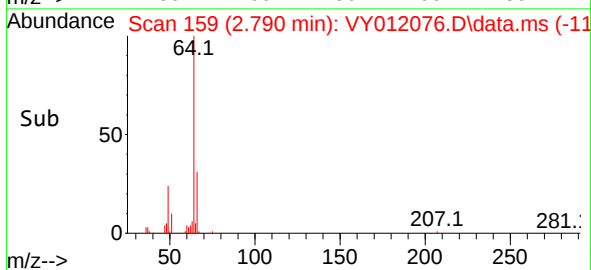
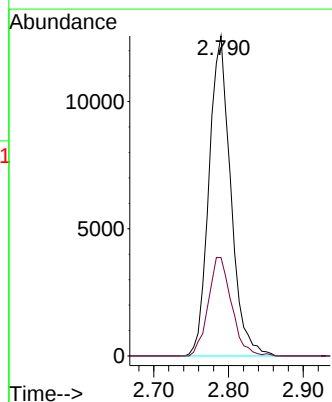
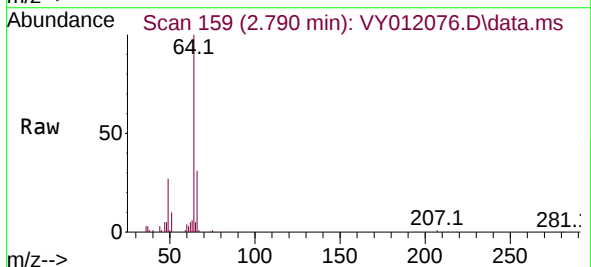
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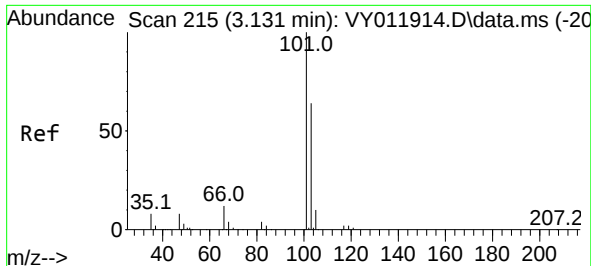
Tgt Ion: 94 Resp: 28962
Ion Ratio Lower Upper
94 100
96 98.5 77.4 116.2



#6
Chloroethane
Concen: 21.057 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 64 Resp: 25400
Ion Ratio Lower Upper
64 100
66 30.8 25.0 37.4

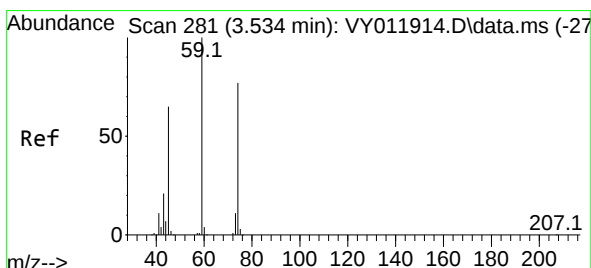
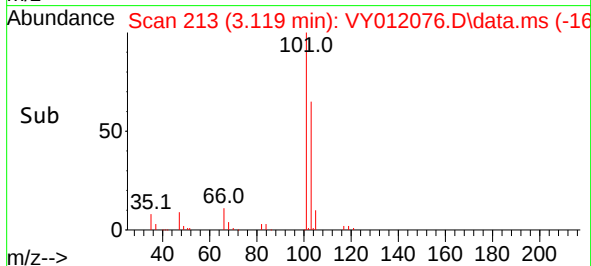
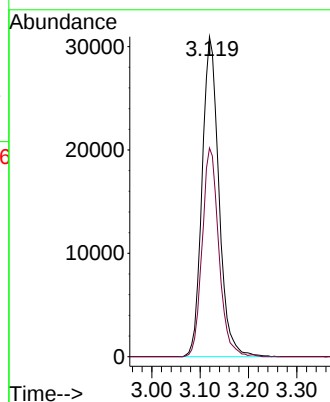
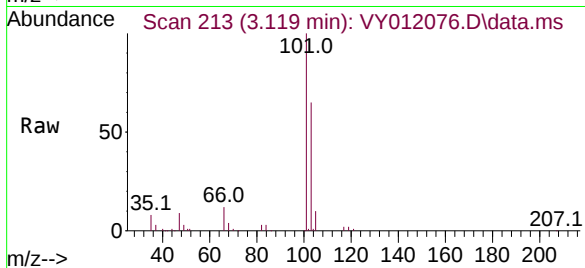




#7
Trichlorofluoromethane
Concen: 23.142 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

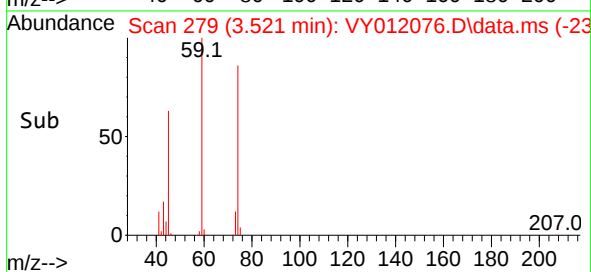
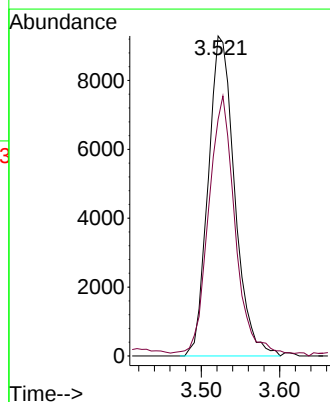
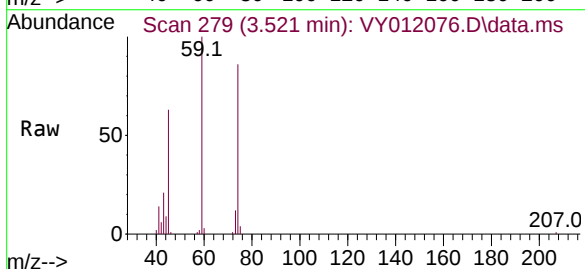
Instrument :
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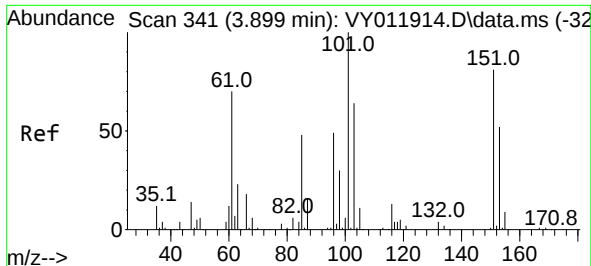
Tgt Ion:101 Resp: 74761
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6



#8
Diethyl Ether
Concen: 21.907 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 74 Resp: 21836
Ion Ratio Lower Upper
74 100
45 82.6 46.8 140.3

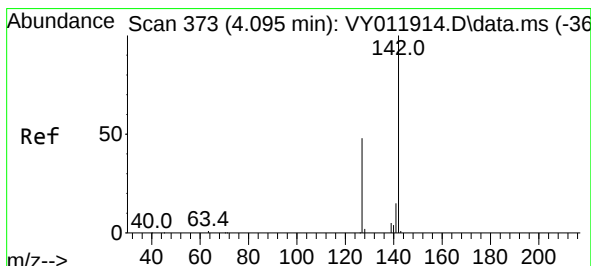
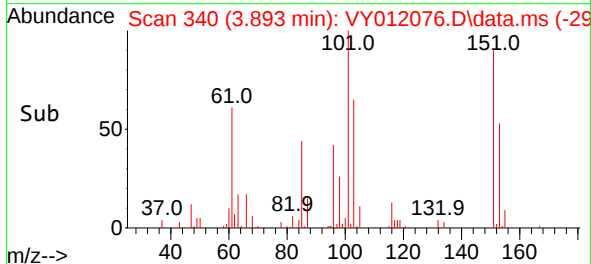
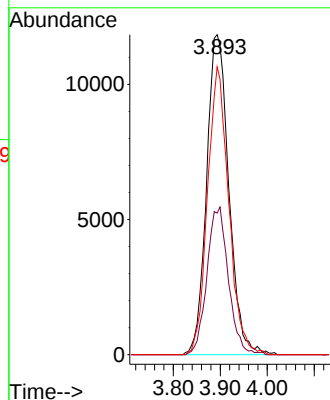
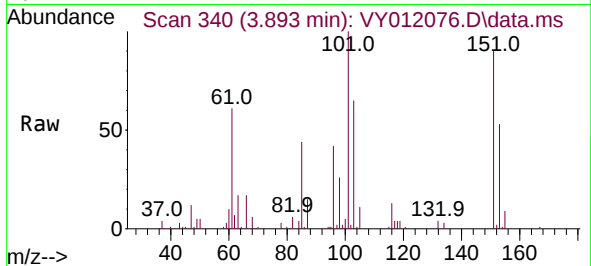




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.915 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012076.D
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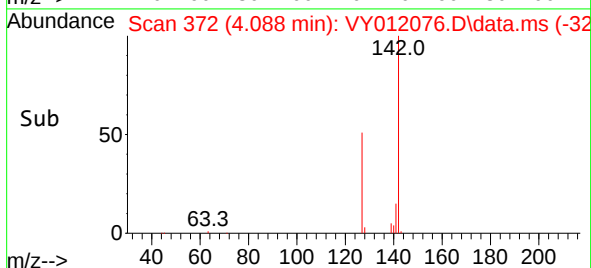
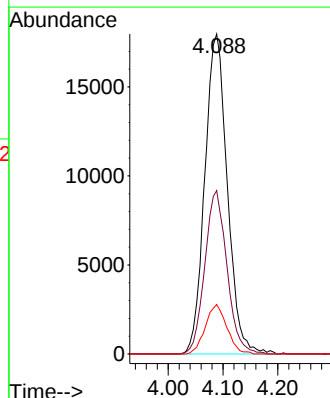
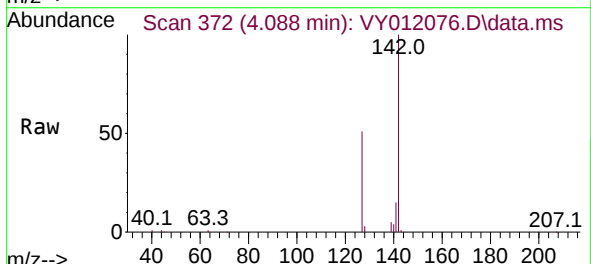
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

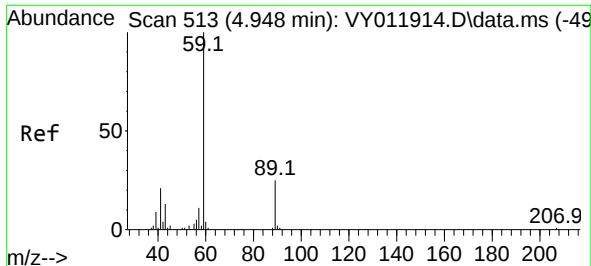
Tgt Ion:101 Resp: 38973
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.2
151 85.7 64.2 96.2



#10
Methyl Iodide
Concen: 20.839 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:142 Resp: 51275
Ion Ratio Lower Upper
142 100
127 50.2 37.0 55.4
141 14.8 11.4 17.0

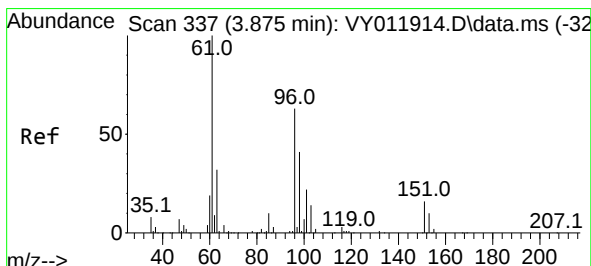
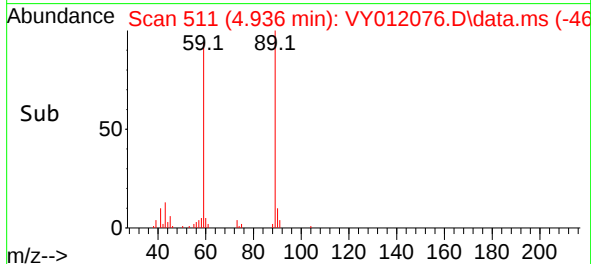
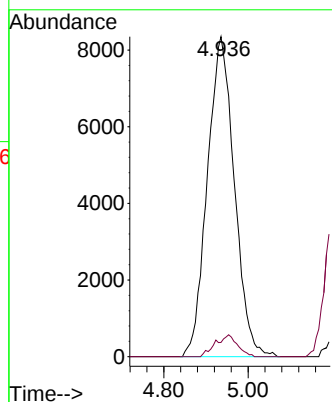
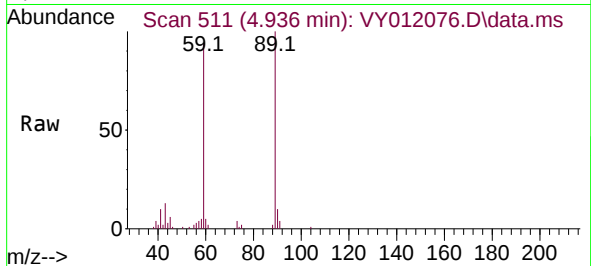




#11
Tert butyl alcohol
Concen: 191.788 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

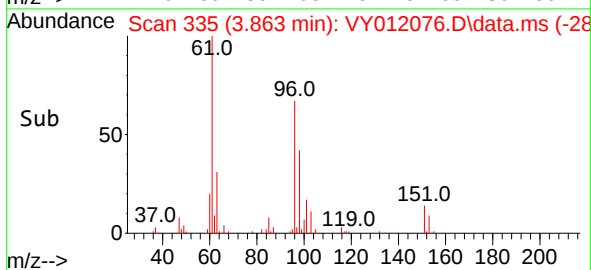
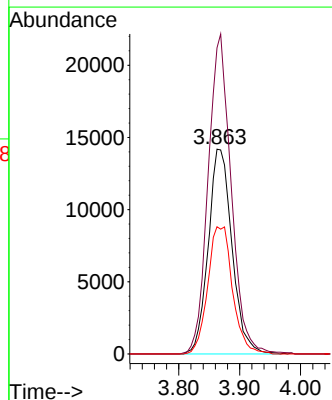
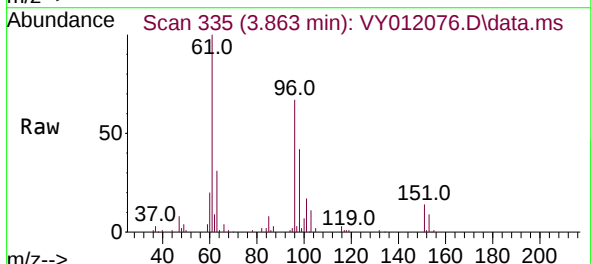
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

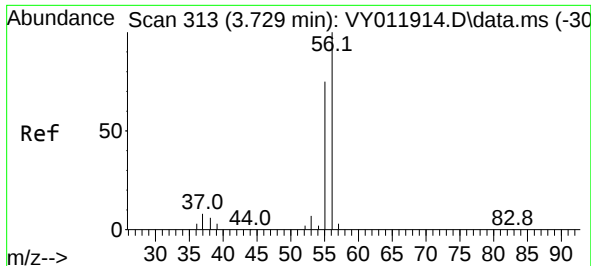
Tgt Ion: 59 Resp: 37136
Ion Ratio Lower Upper
59 100
57 5.5 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 21.613 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 96 Resp: 38446
Ion Ratio Lower Upper
96 100
61 149.4 122.0 183.0
98 62.1 48.6 73.0





#13

Acrolein

Concen: 88.889 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

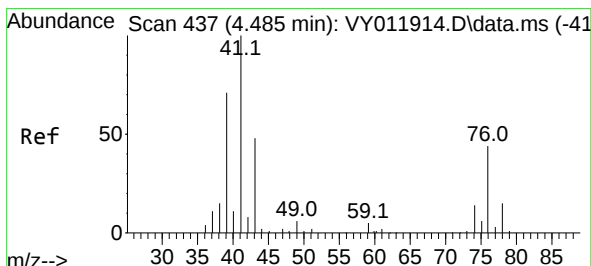
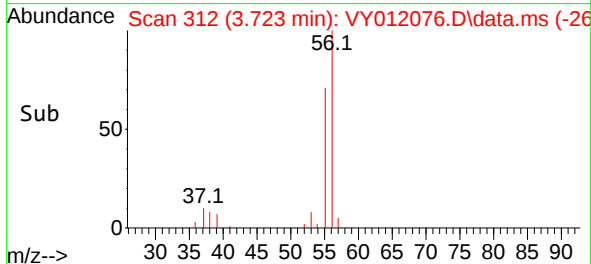
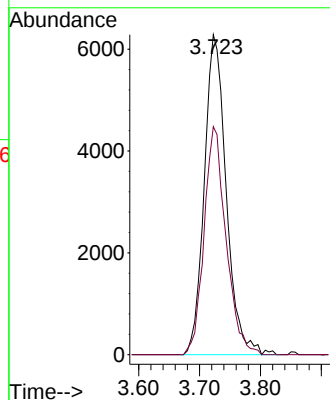
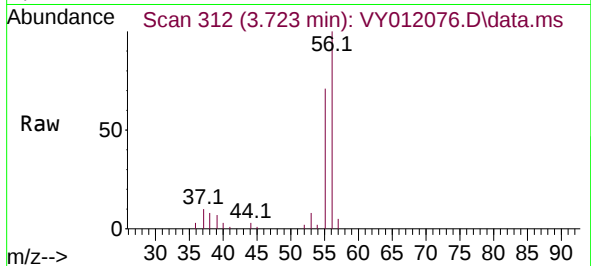
VY0105SBS01

Tgt Ion: 56 Resp: 15740

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 19.372 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

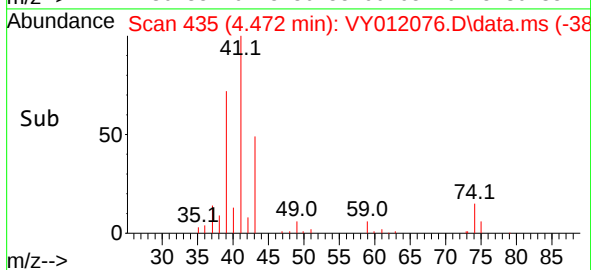
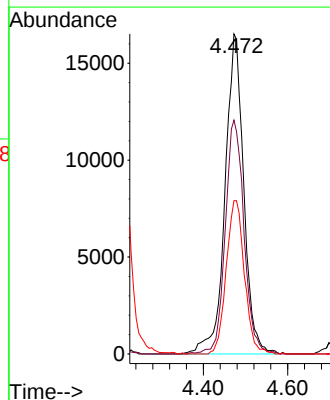
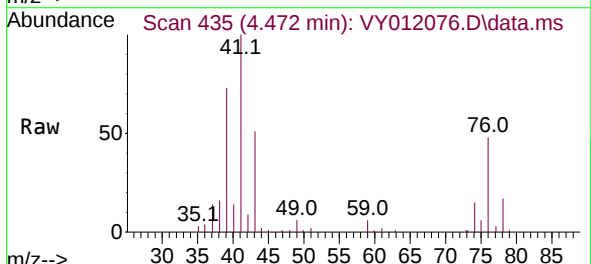
Tgt Ion: 41 Resp: 50747

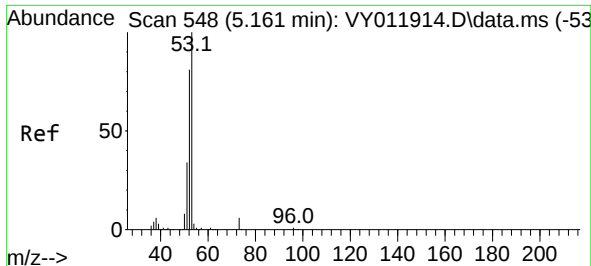
Ion Ratio Lower Upper

41 100

39 73.1 53.5 80.3

76 46.6 31.1 46.7

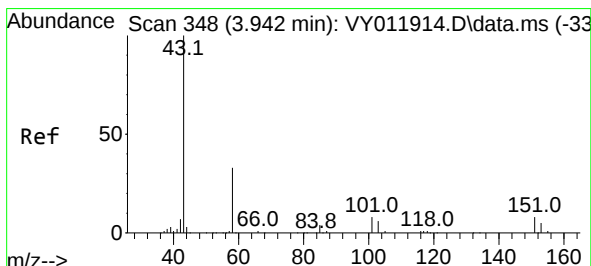
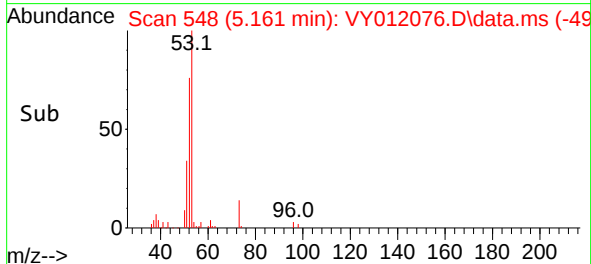
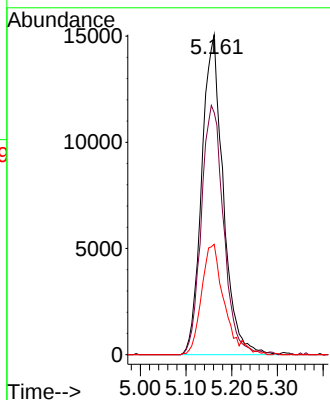
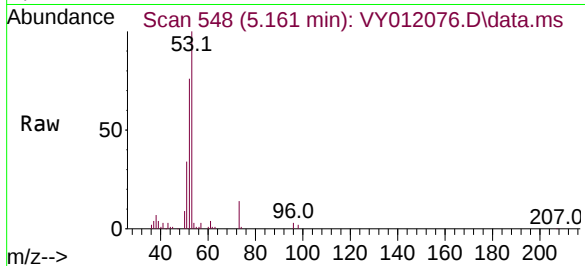




#15
Acrylonitrile
Concen: 105.874 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

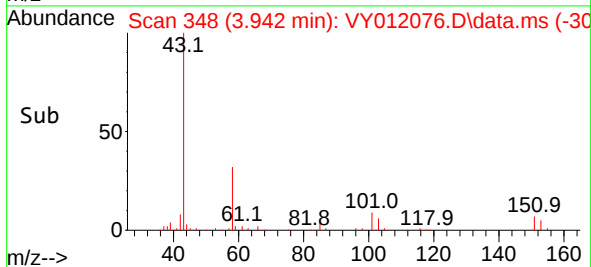
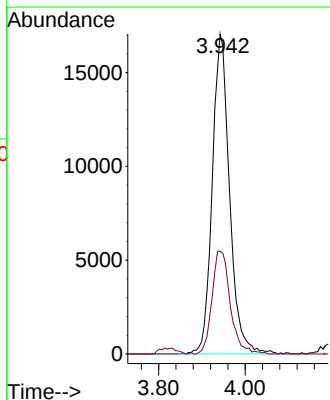
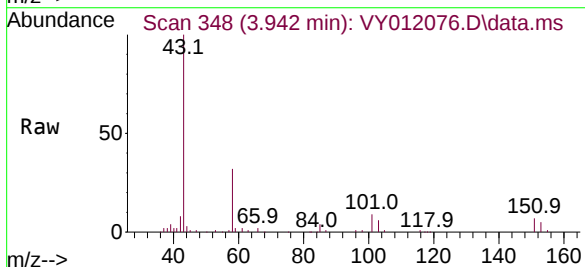
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

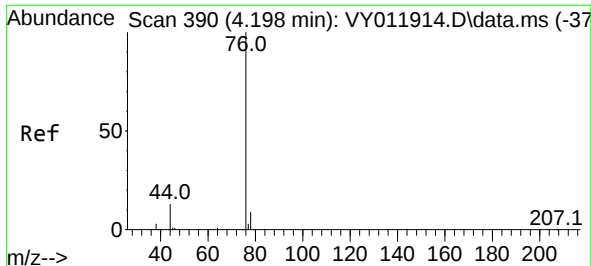
Tgt Ion: 53 Resp: 49091
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.5 28.7 43.1



#16
Acetone
Concen: 87.008 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 43 Resp: 47374
Ion Ratio Lower Upper
43 100
58 32.1 27.9 41.9

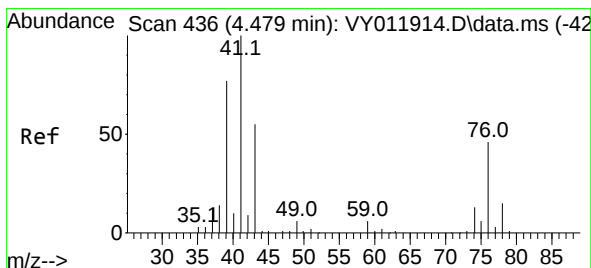
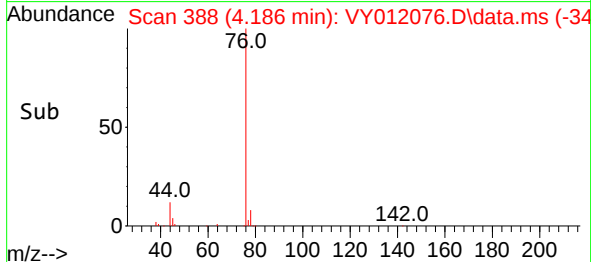
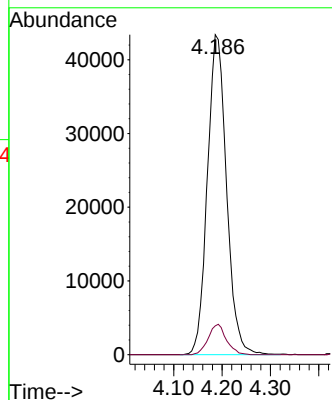
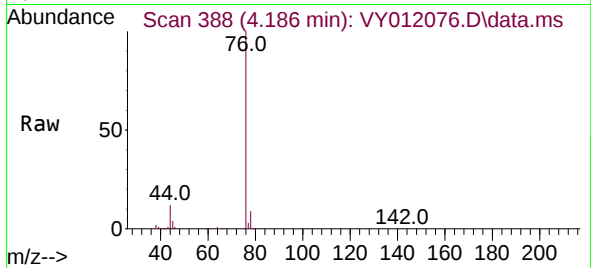




#17
Carbon Disulfide
Concen: 21.016 ug/l
RT: 4.186 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

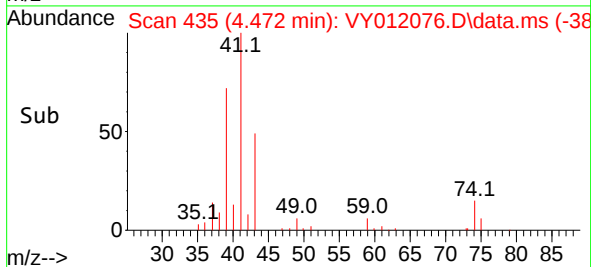
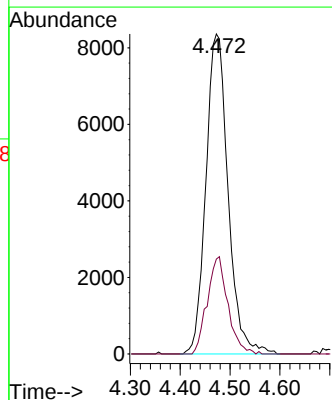
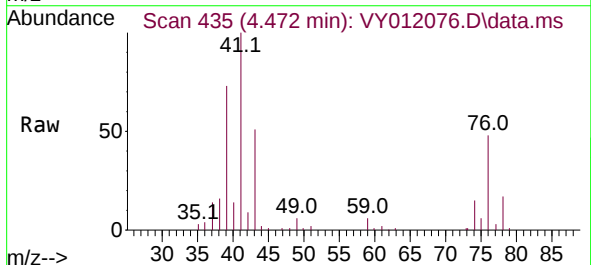
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

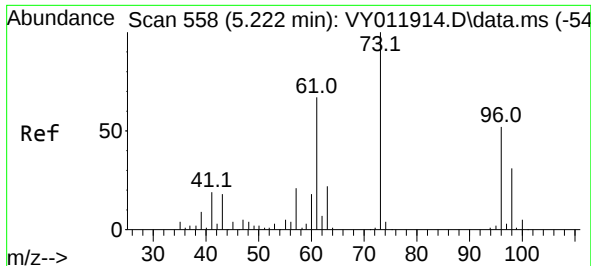
Tgt Ion: 76 Resp: 119256
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.709 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 43 Resp: 25797
Ion Ratio Lower Upper
43 100
74 28.3 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 22.812 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

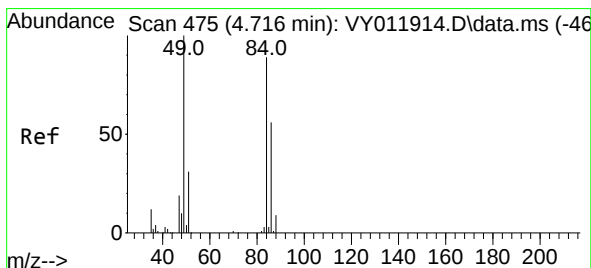
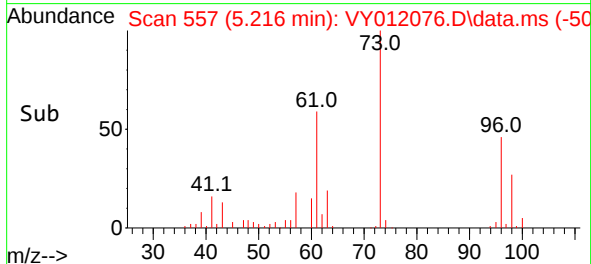
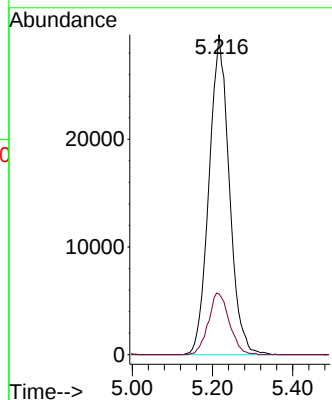
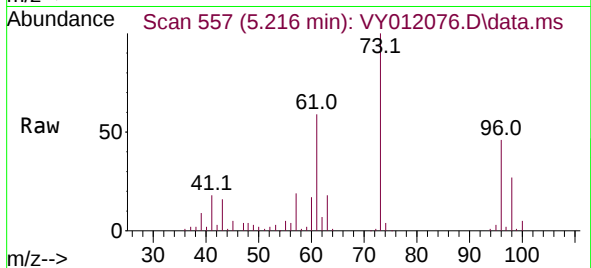
VY0105SBS01

Tgt Ion: 73 Resp: 104121

Ion Ratio Lower Upper

73 100

57 19.0 17.4 26.0



#20

Methylene Chloride

Concen: 19.478 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Tgt Ion: 84 Resp: 50471

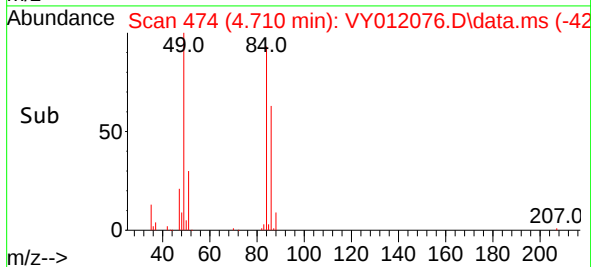
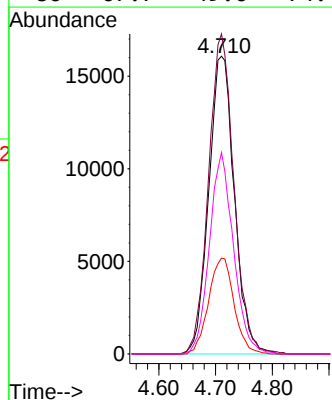
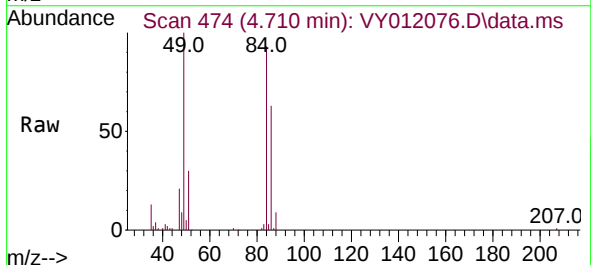
Ion Ratio Lower Upper

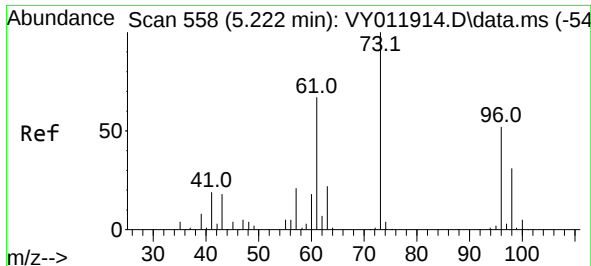
84 100

49 107.5 95.4 143.2

51 32.2 29.9 44.9

86 67.7 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 21.446 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

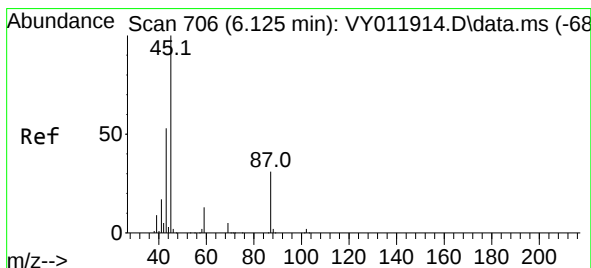
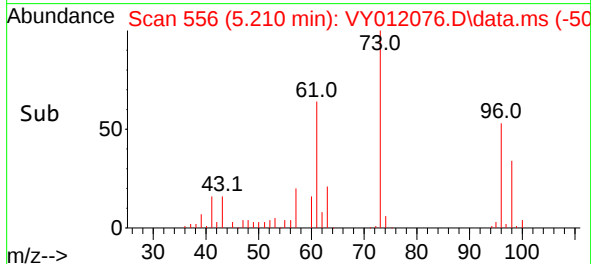
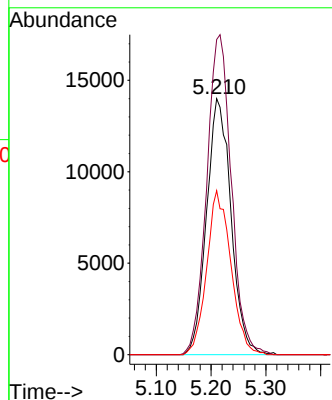
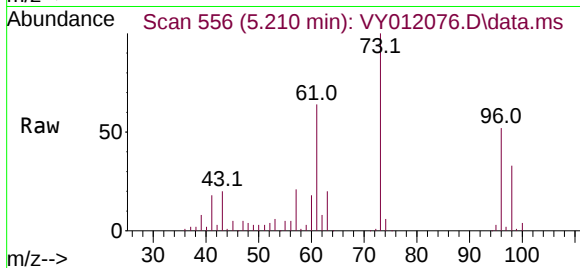
Tgt Ion: 96 Resp: 43347

Ion Ratio Lower Upper

96 100

61 123.1 108.0 162.0

98 64.1 51.6 77.4



#22

Diisopropyl ether

Concen: 20.251 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Tgt Ion: 45 Resp: 104482

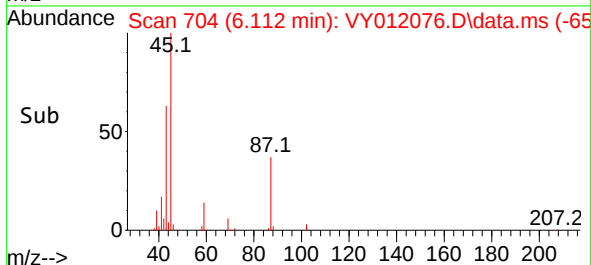
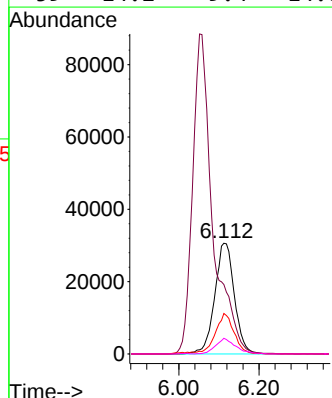
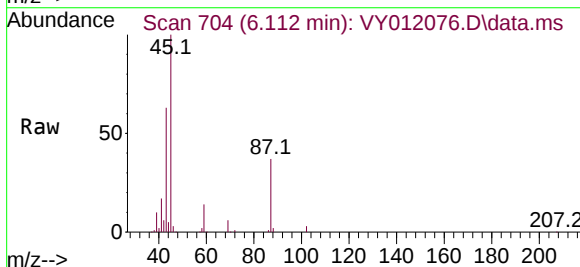
Ion Ratio Lower Upper

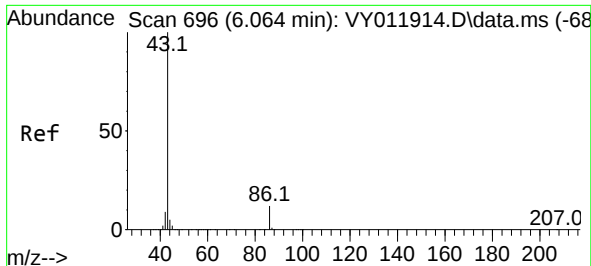
45 100

43 62.4 45.0 67.4

87 36.6 22.6 33.8#

59 14.2 9.4 14.0#

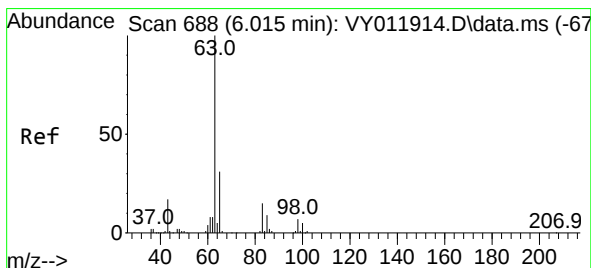
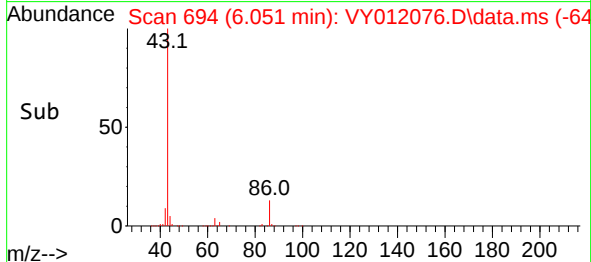
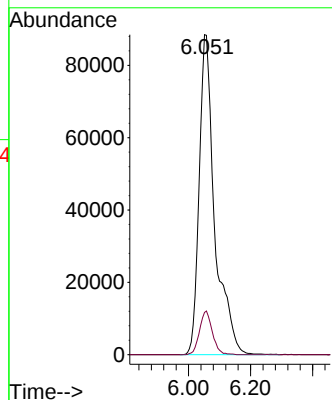
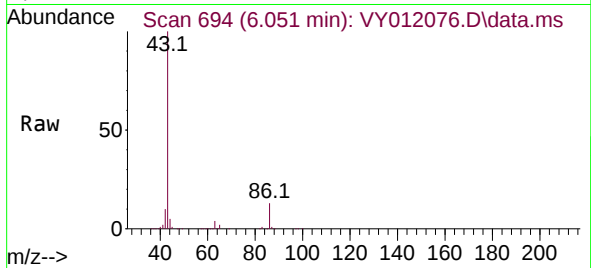




#23
 Vinyl Acetate
 Concen: 103.801 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY012076.D
 Acq: 05 Jan 2023 15:40

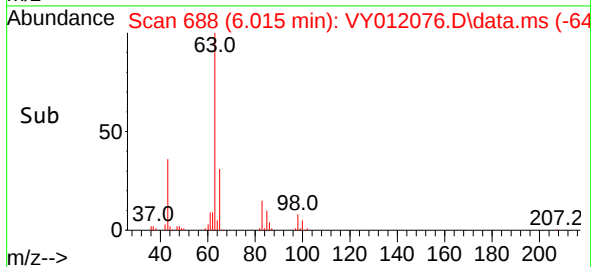
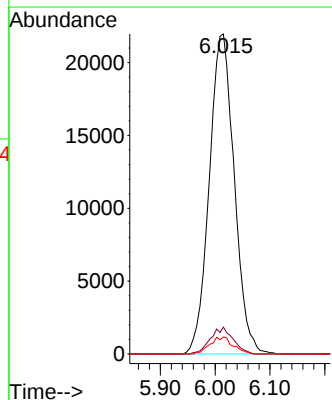
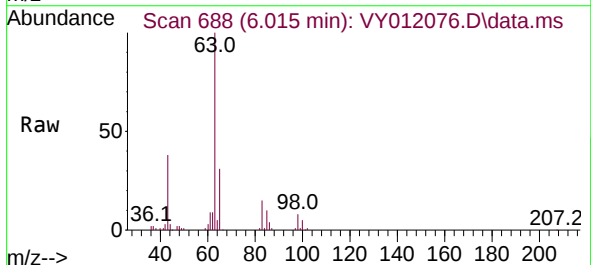
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

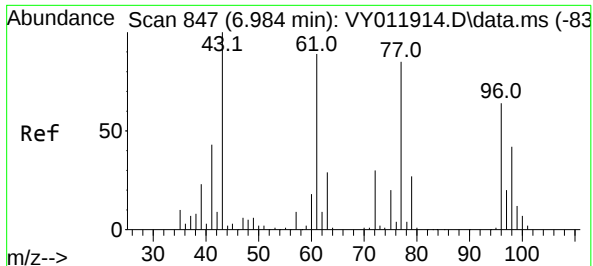
Tgt Ion: 43 Resp: 308122
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.709 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012076.D
 Acq: 05 Jan 2023 15:40

Tgt Ion: 63 Resp: 69451
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.5
 100 5.3 2.2 6.6

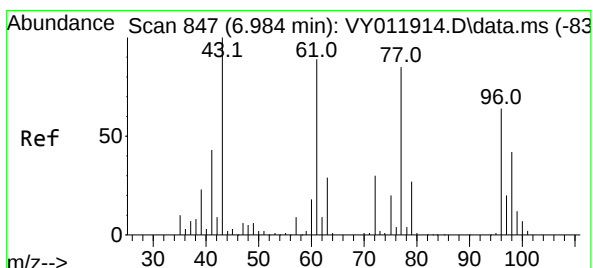
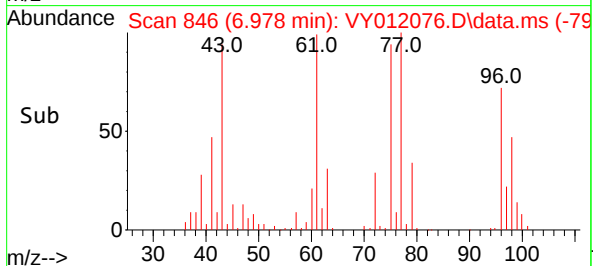
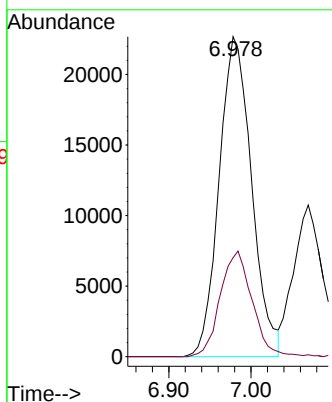
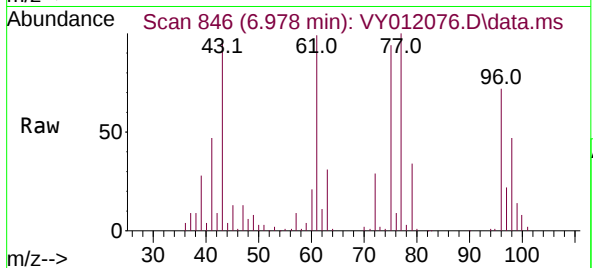




#25
2-Butanone
Concen: 98.854 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

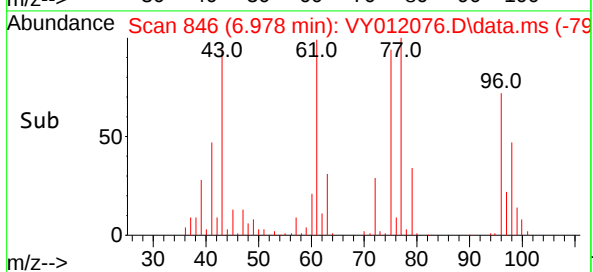
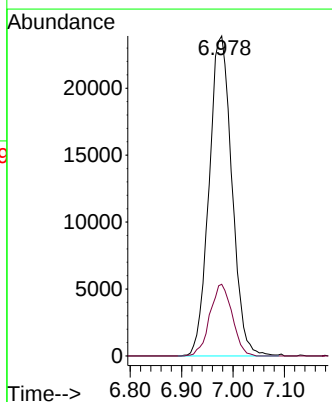
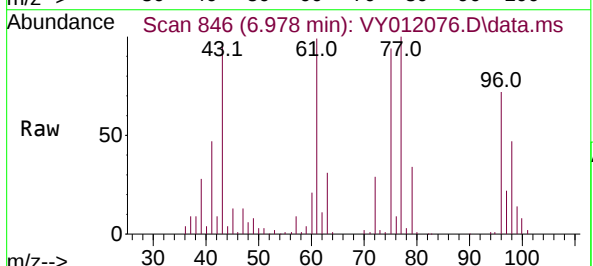
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

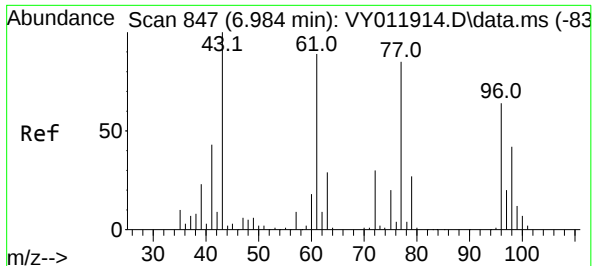
Tgt Ion: 43 Resp: 62376
Ion Ratio Lower Upper
43 100
72 30.9 22.6 34.0



#26
2,2-Dichloropropane
Concen: 22.459 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 77 Resp: 73704
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.494 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

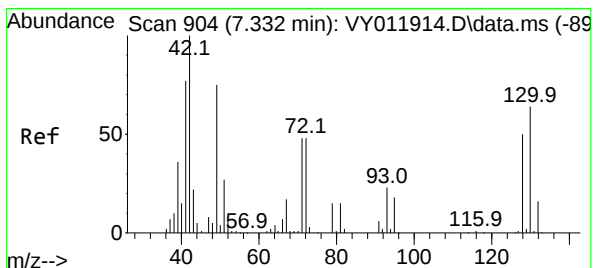
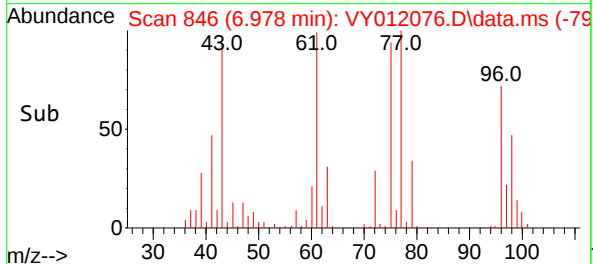
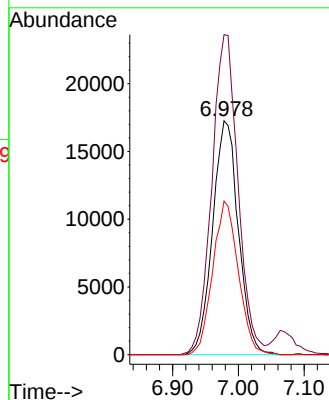
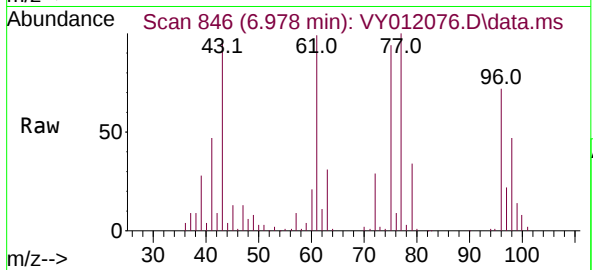
Tgt Ion: 96 Resp: 46988

Ion Ratio Lower Upper

96 100

61 139.2 0.0 283.4

98 65.3 0.0 127.6



#28

Bromochloromethane

Concen: 17.949 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

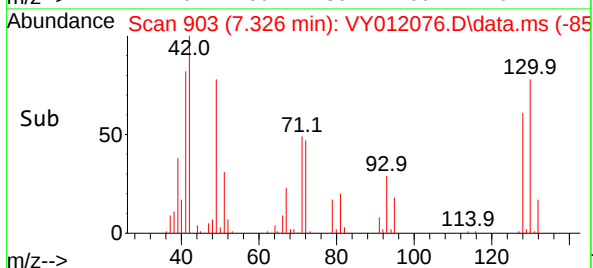
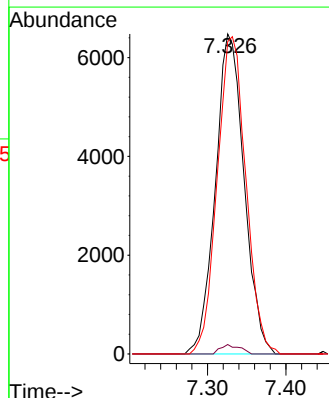
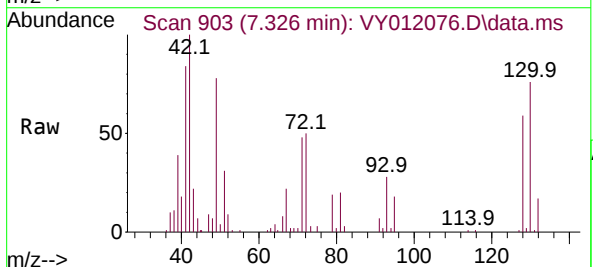
Tgt Ion: 49 Resp: 16518

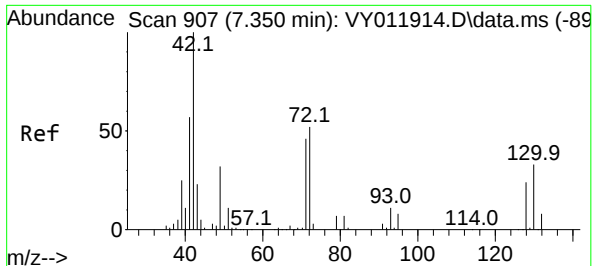
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 98.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 102.698 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

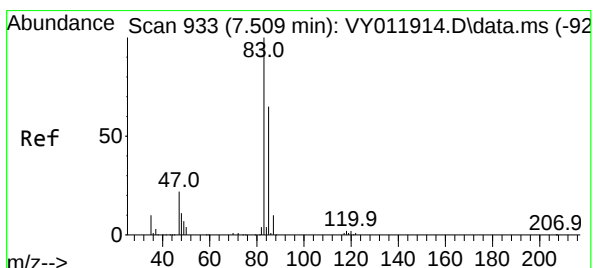
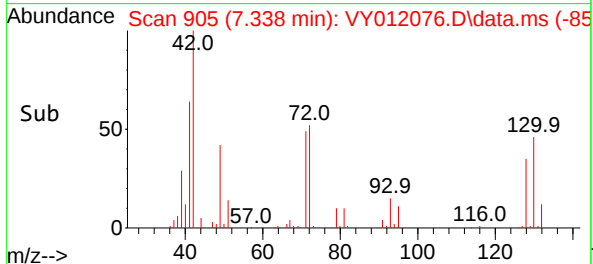
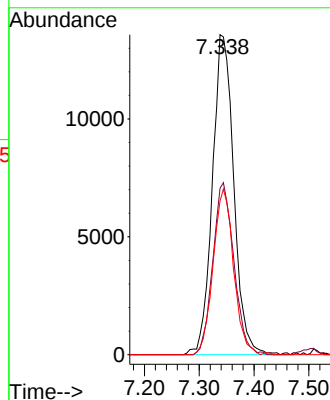
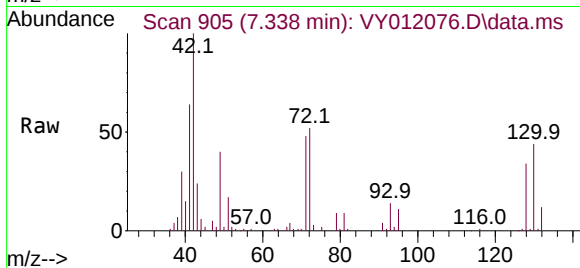
Tgt Ion: 42 Resp: 36715

Ion Ratio Lower Upper

42 100

72 53.0 37.0 55.6

71 49.5 34.9 52.3



#30

Chloroform

Concen: 21.678 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012076.D

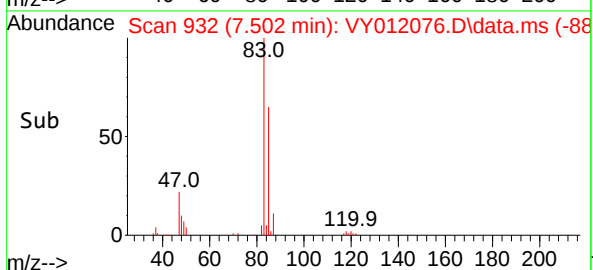
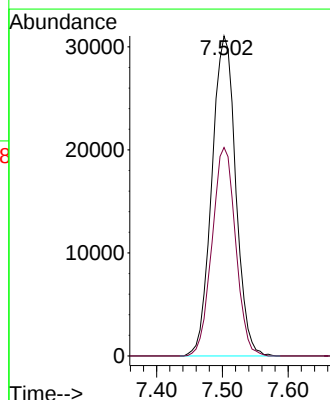
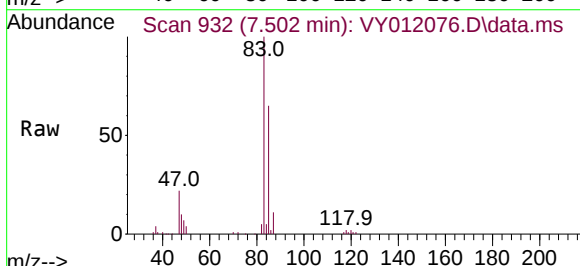
Acq: 05 Jan 2023 15:40

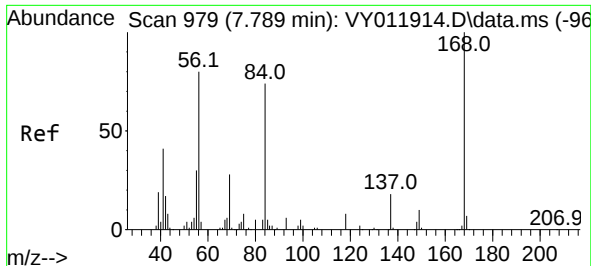
Tgt Ion: 83 Resp: 78359

Ion Ratio Lower Upper

83 100

85 65.2 51.5 77.3

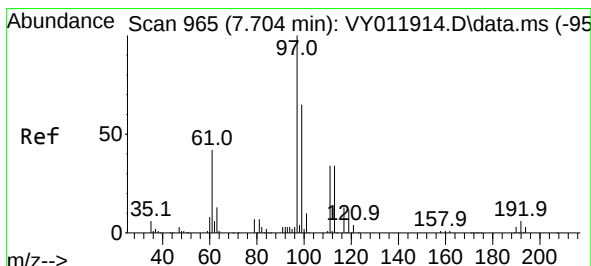
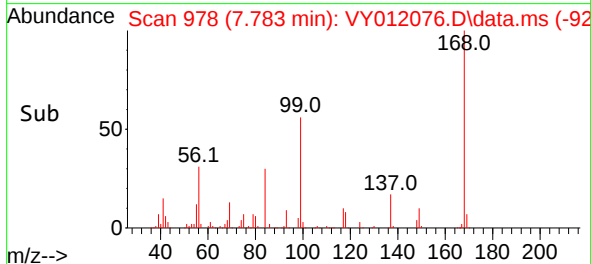
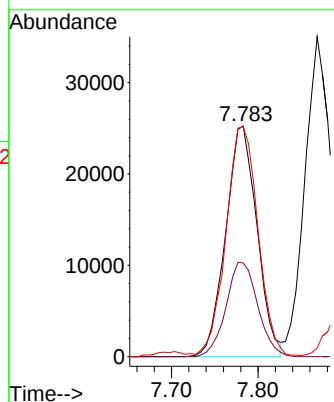
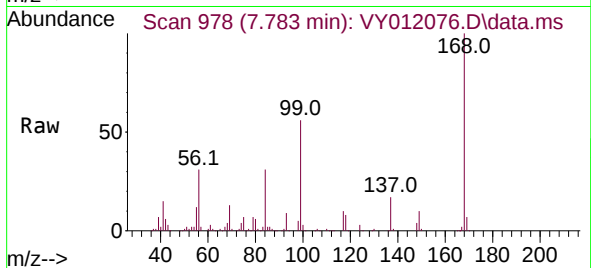




#31
Cyclohexane
Concen: 19.902 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

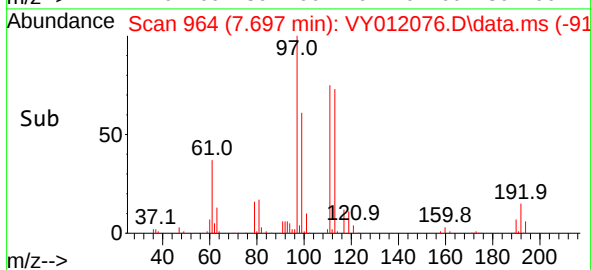
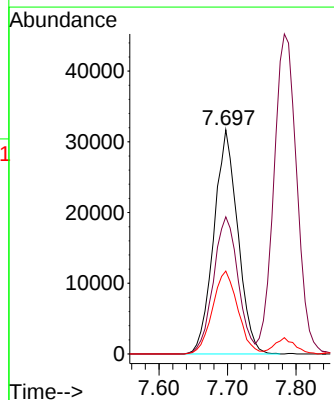
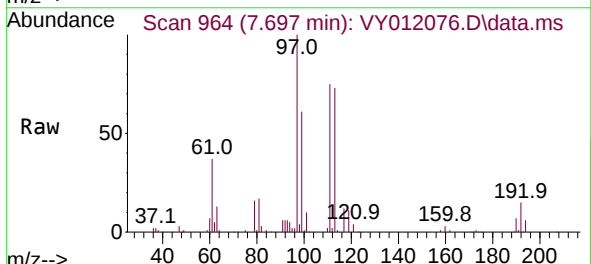
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

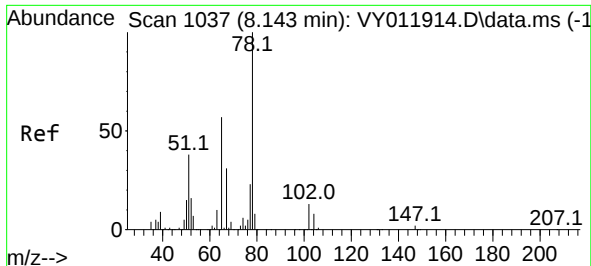
Tgt Ion: 56 Resp: 63464
Ion Ratio Lower Upper
56 100
69 40.6 29.2 43.8
84 98.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 22.341 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 97 Resp: 76813
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 39.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.586 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

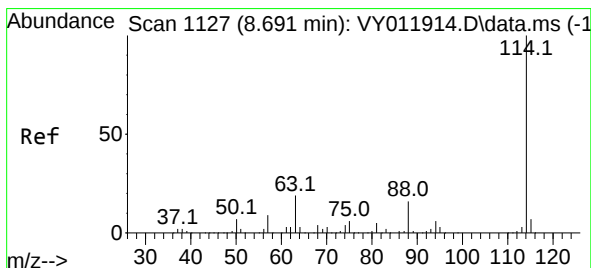
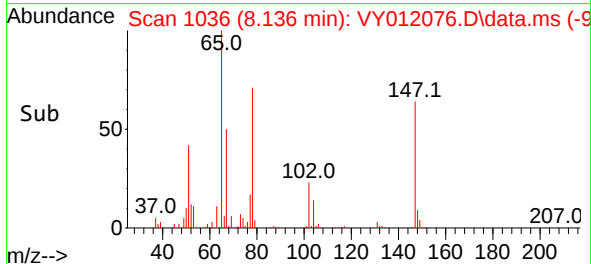
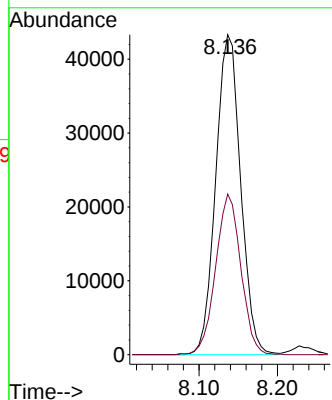
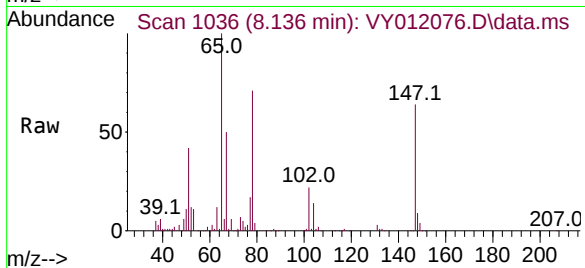
VY0105SBS01

Tgt Ion: 65 Resp: 95824

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

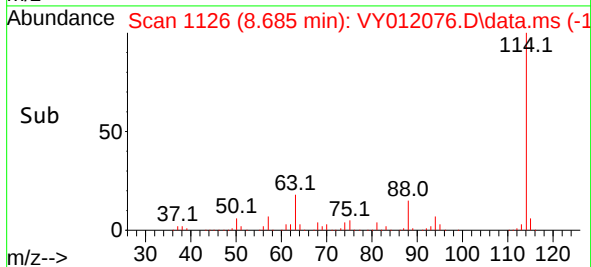
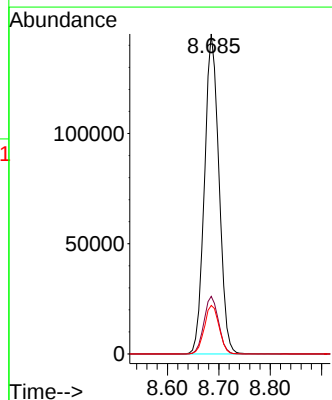
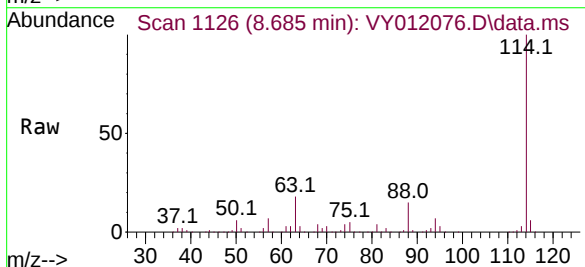
Tgt Ion: 114 Resp: 283260

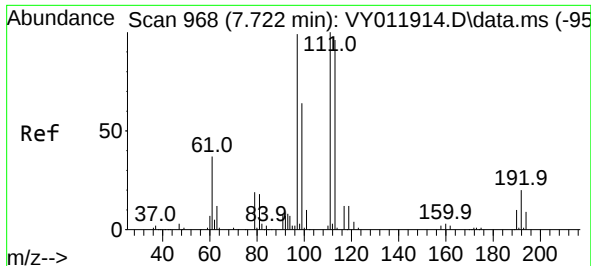
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.2 0.0 32.2

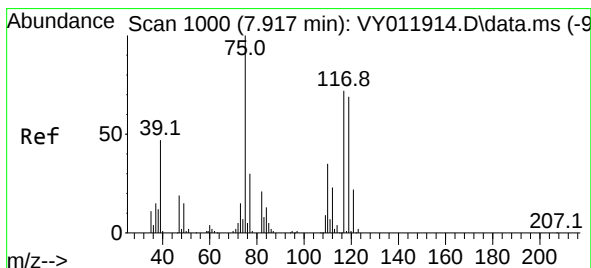
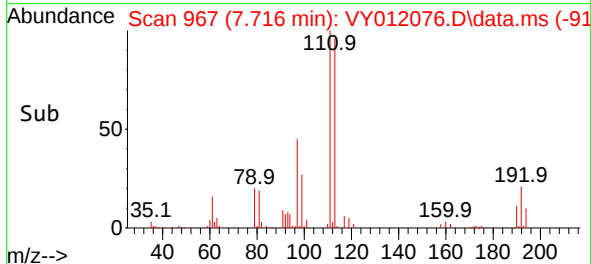
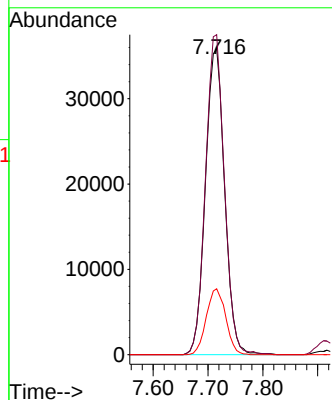
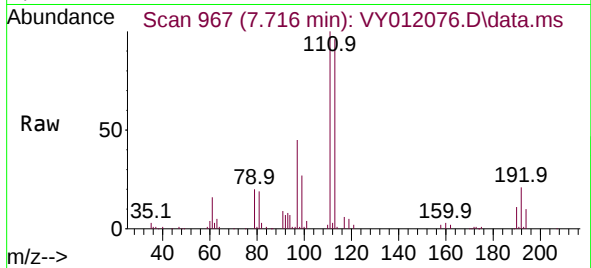




#35
Dibromofluoromethane
Concen: 51.129 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

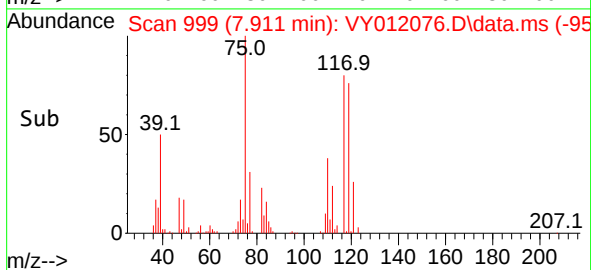
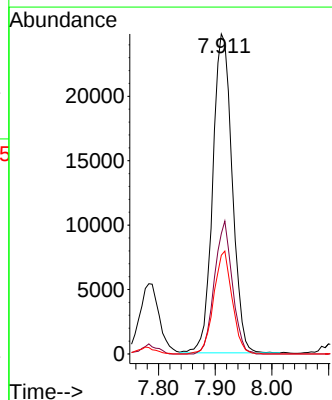
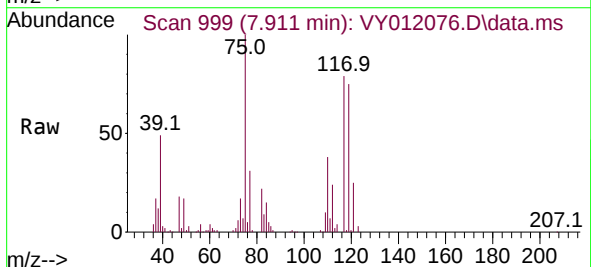
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

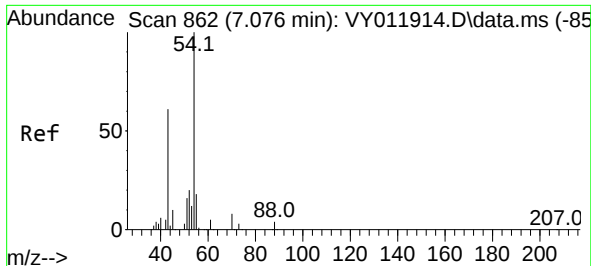
Tgt Ion:113 Resp: 87191
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 21.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 21.544 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 75 Resp: 58931
Ion Ratio Lower Upper
75 100
110 38.2 18.1 54.1
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 22.293 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

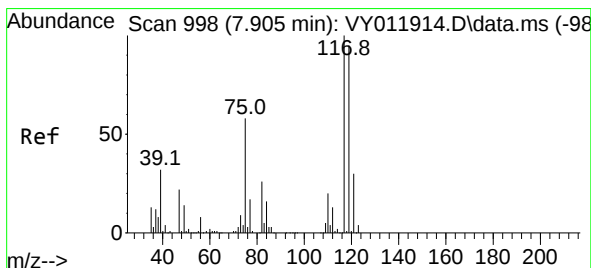
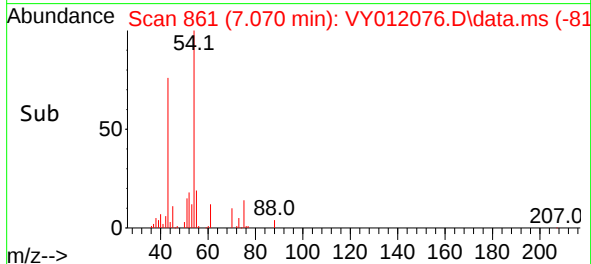
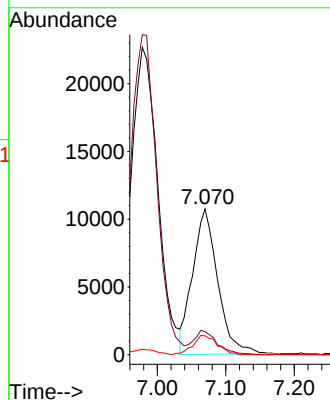
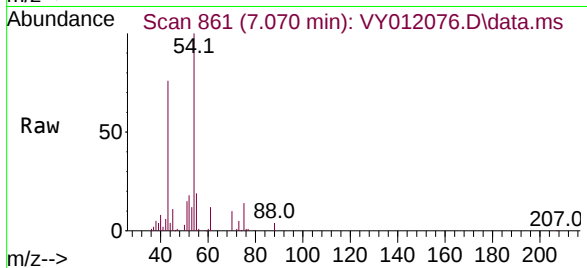
Tgt Ion: 43 Resp: 27359

Ion Ratio Lower Upper

43 100

61 15.9 11.3 16.9

70 12.8 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 23.158 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

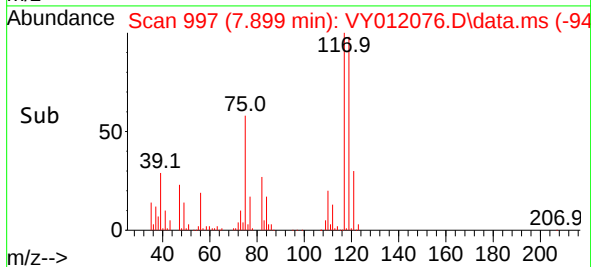
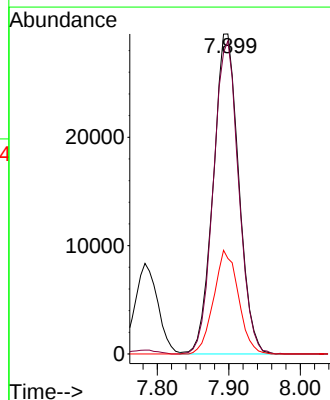
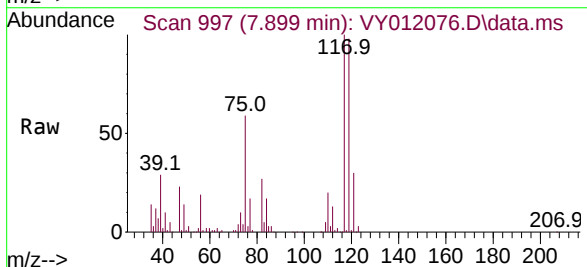
Tgt Ion: 117 Resp: 73158

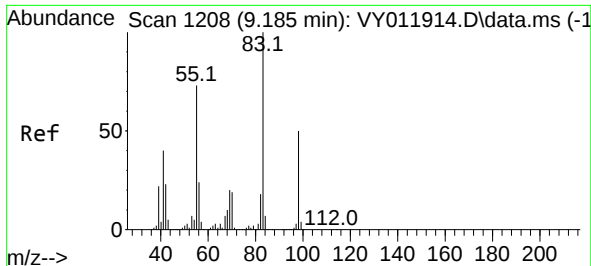
Ion Ratio Lower Upper

117 100

119 97.8 73.8 110.8

121 29.8 25.2 37.8





#39

Methylcyclohexane

Concen: 21.663 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

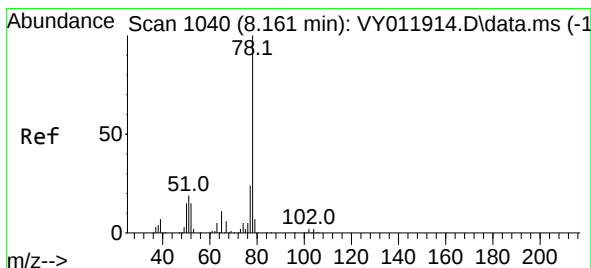
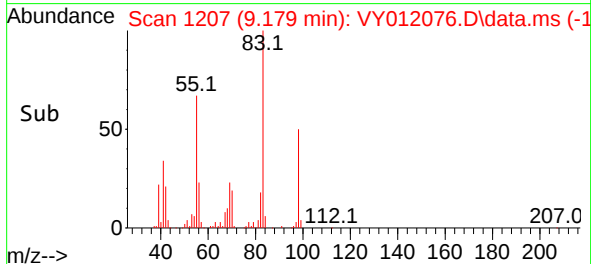
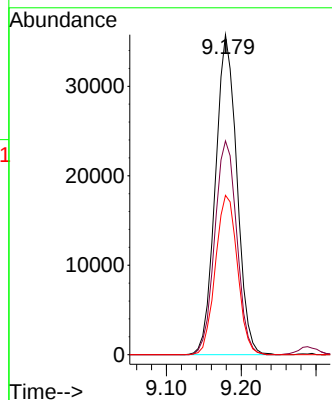
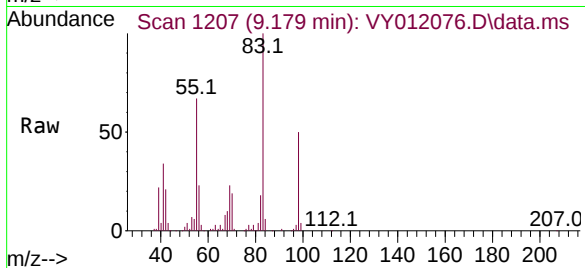
Tgt Ion: 83 Resp: 71302

Ion Ratio Lower Upper

83 100

55 66.8 58.2 87.2

98 49.8 38.6 58.0



#40

Benzene

Concen: 21.685 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012076.D

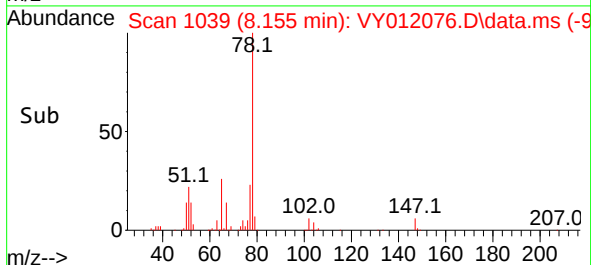
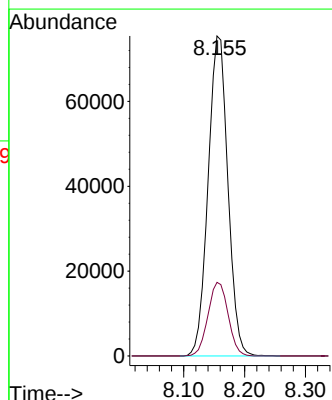
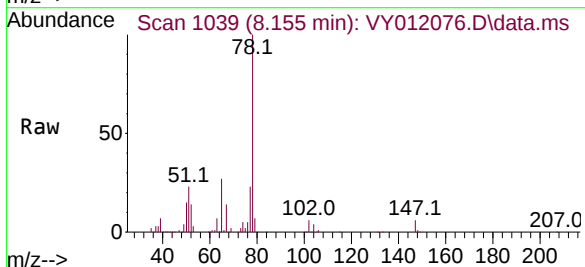
Acq: 05 Jan 2023 15:40

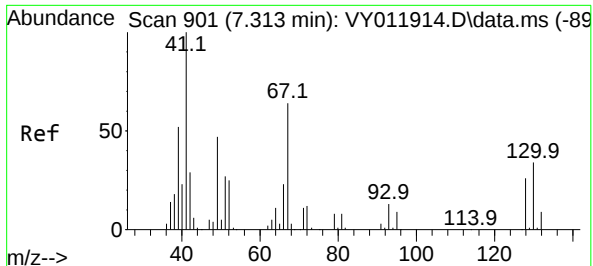
Tgt Ion: 78 Resp: 169749

Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8

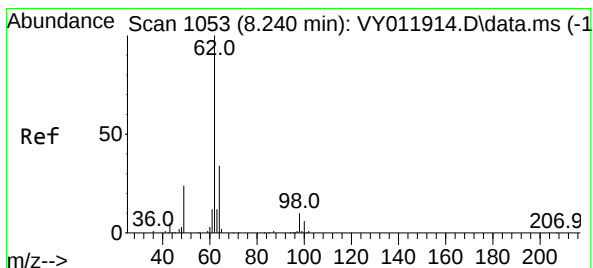
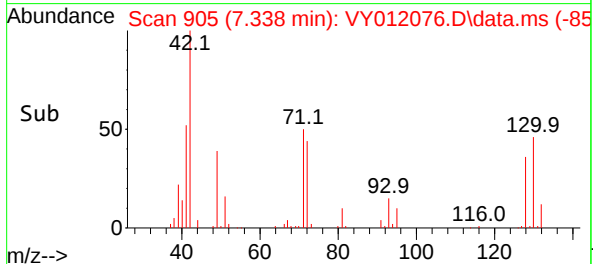
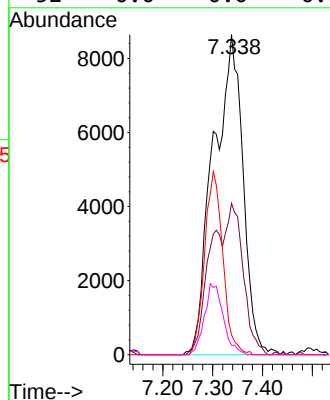
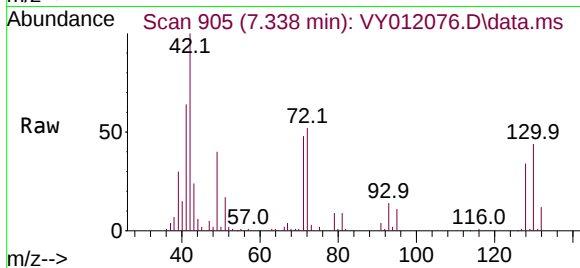




#41
Methacrylonitrile
Concen: 60.179 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

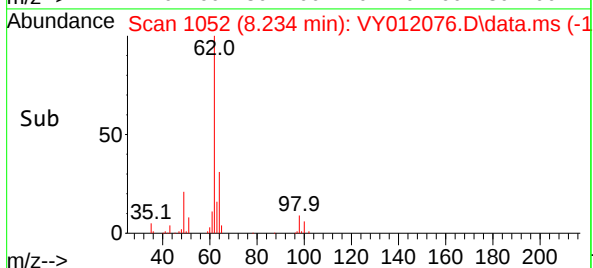
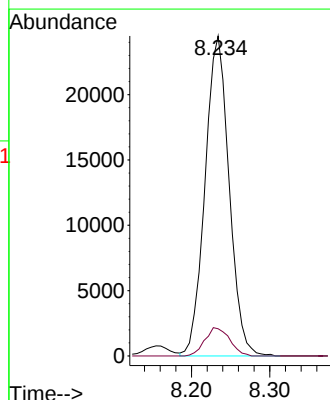
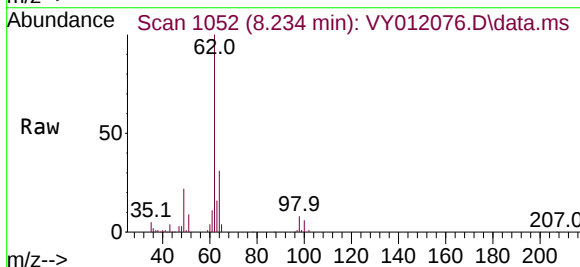
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

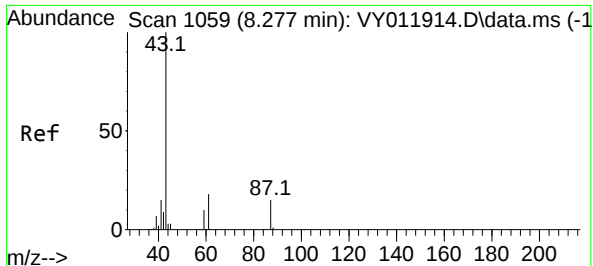
Tgt Ion:	41	Resp:	35713
Ion	Ratio	Lower	Upper
41	100		
39	24.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.199 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:	62	Resp:	52279
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.6

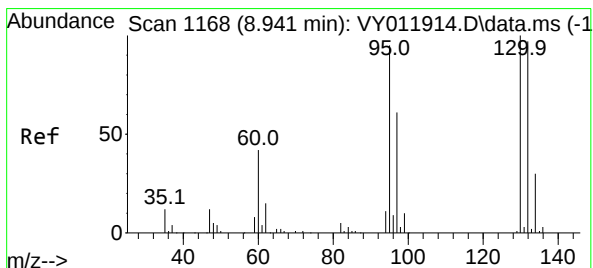
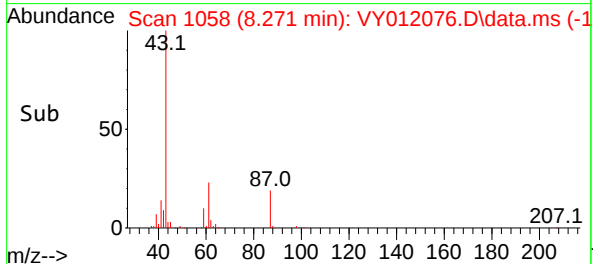
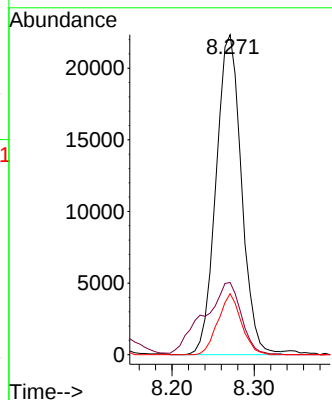
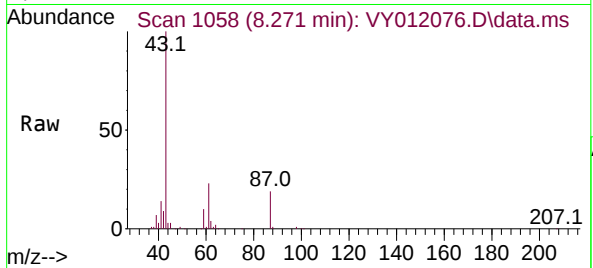




#43
Isopropyl Acetate
Concen: 21.389 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

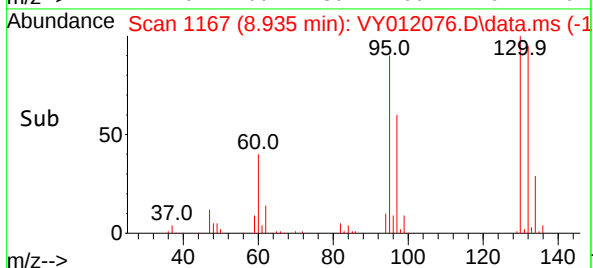
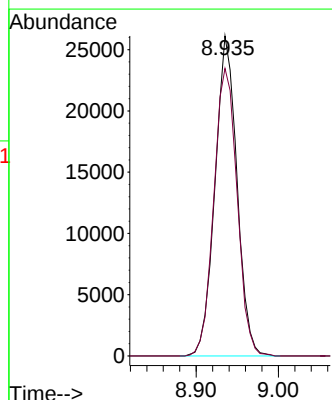
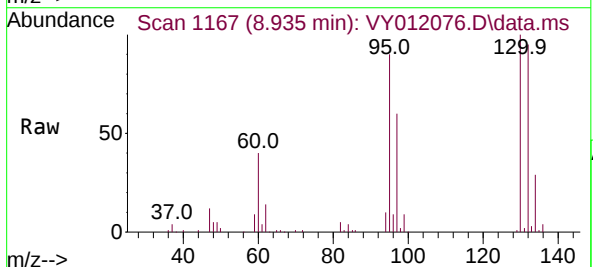
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

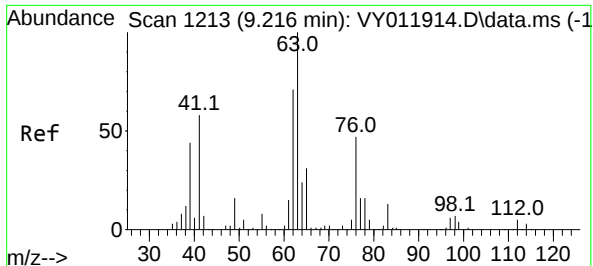
Tgt Ion: 43 Resp: 47941
Ion Ratio Lower Upper
43 100
61 33.2 24.4 36.6
87 17.5 11.4 17.2#



#44
Trichloroethene
Concen: 21.922 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:130 Resp: 48369
Ion Ratio Lower Upper
130 100
95 89.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.271 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

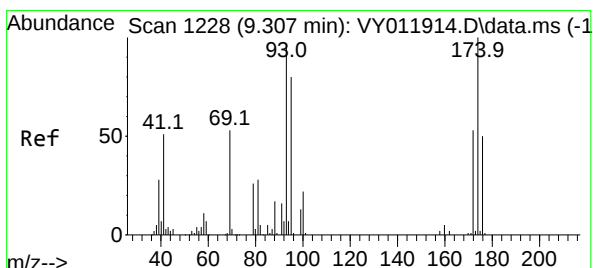
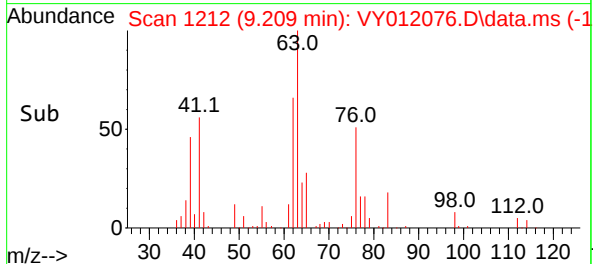
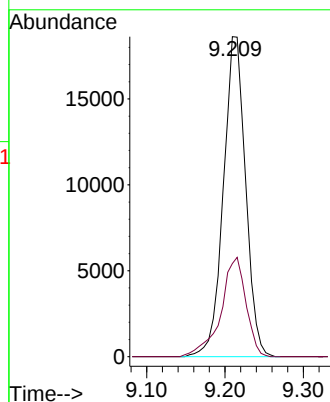
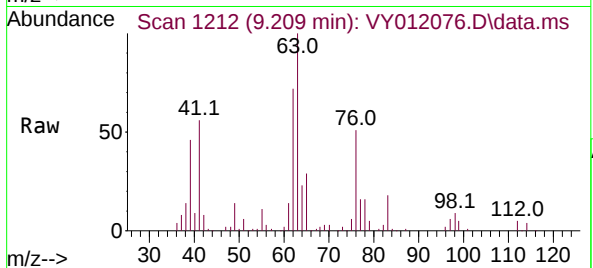
VY0105SBS01

Tgt Ion: 63 Resp: 36663

Ion Ratio Lower Upper

63 100

65 29.1 24.9 37.3



#46

Dibromomethane

Concen: 22.502 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

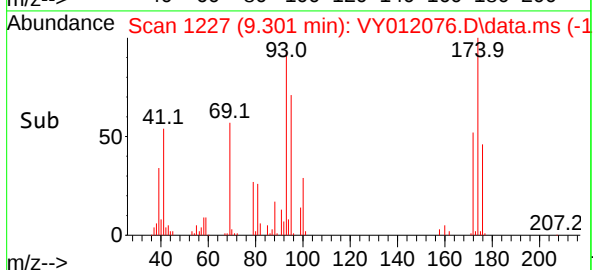
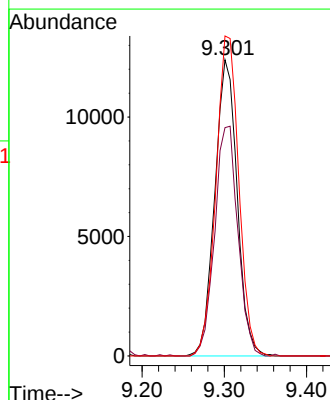
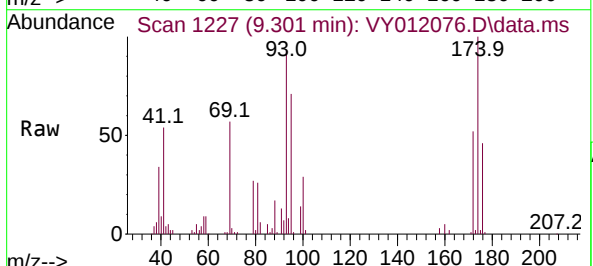
Tgt Ion: 93 Resp: 23443

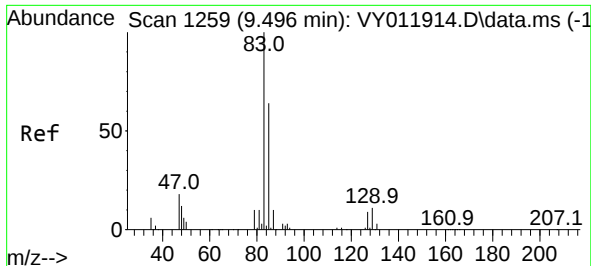
Ion Ratio Lower Upper

93 100

95 80.4 66.1 99.1

174 110.4 84.7 127.1

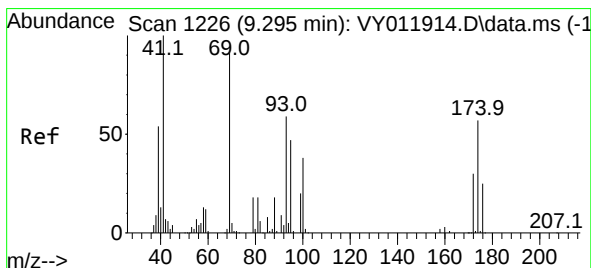
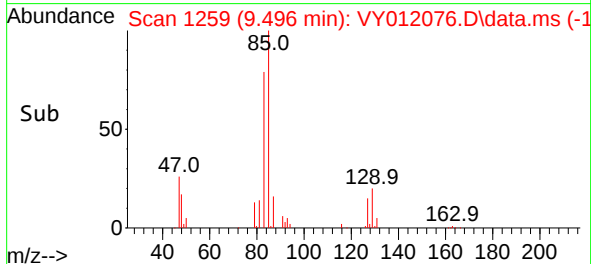
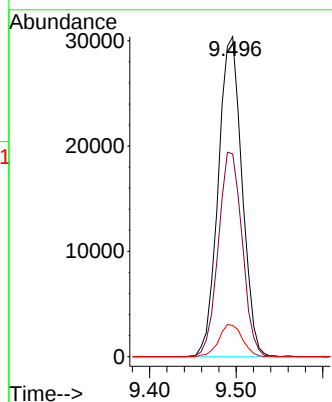
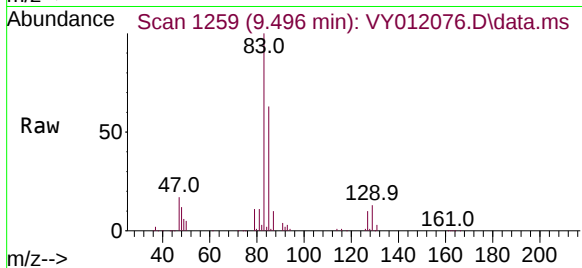




#47
Bromodichloromethane
Concen: 21.910 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

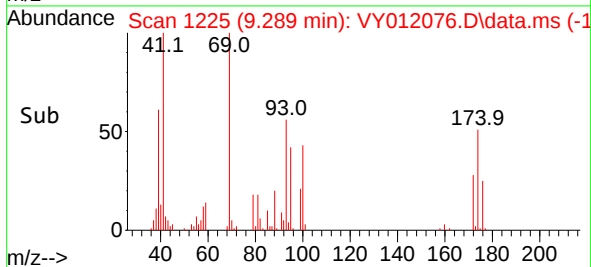
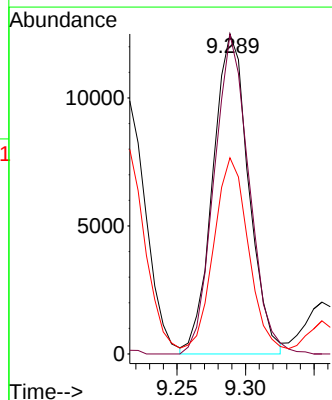
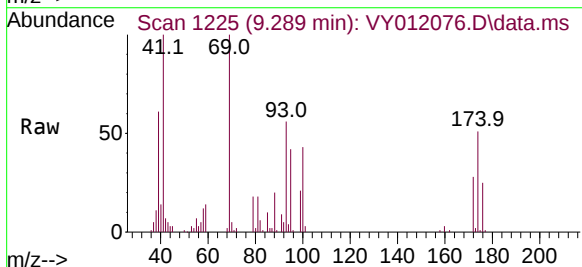
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

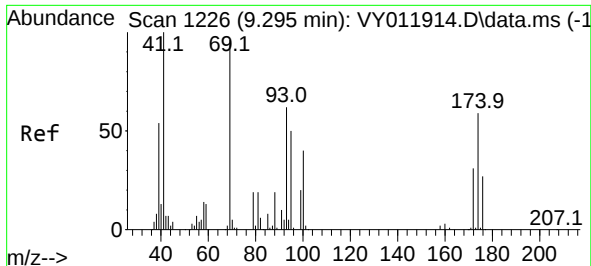
Tgt Ion:	83	Resp:	57911
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.0	78.0
127	9.8	7.3	10.9



#48
Methyl methacrylate
Concen: 21.856 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:	41	Resp:	22681
Ion	Ratio	Lower	Upper
41	100		
69	97.6	74.2	111.2
39	57.0	46.3	69.5





#49

1,4-Dioxane

Concen: 473.360 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

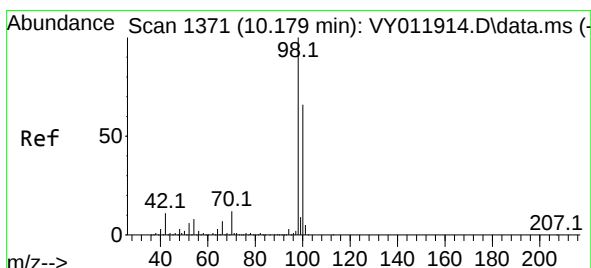
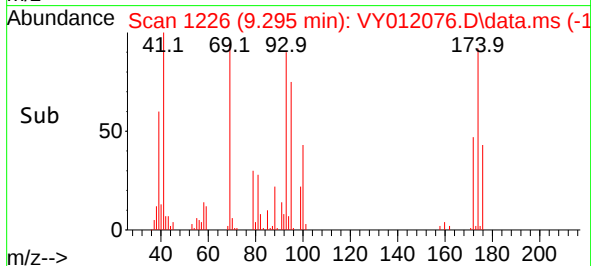
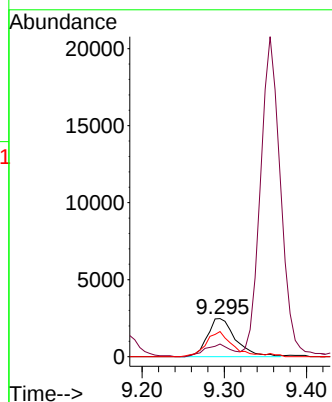
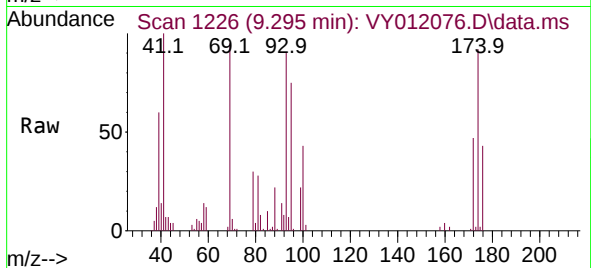
Tgt Ion: 88 Resp: 5888

Ion Ratio Lower Upper

88 100

43 30.5 26.2 39.2

58 61.9 54.3 81.5



#50

Toluene-d8

Concen: 48.627 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012076.D

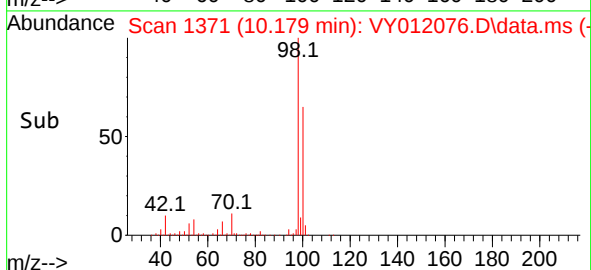
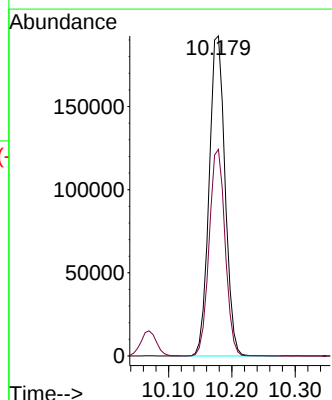
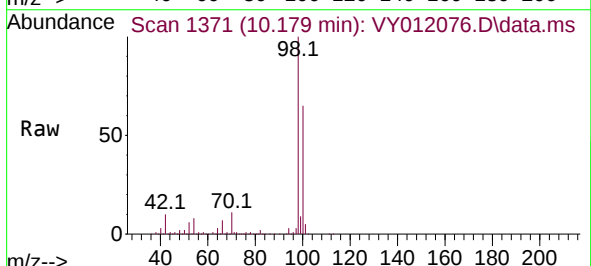
Acq: 05 Jan 2023 15:40

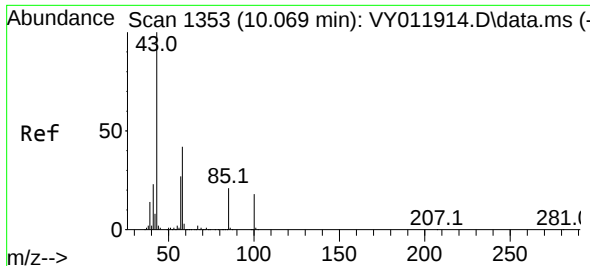
Tgt Ion: 98 Resp: 336441

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

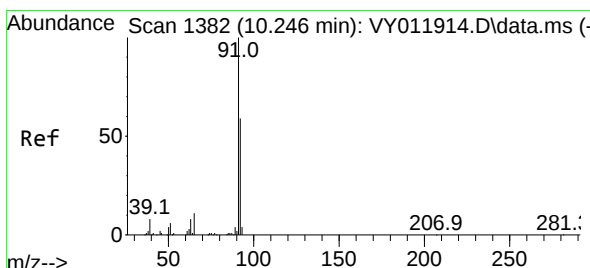
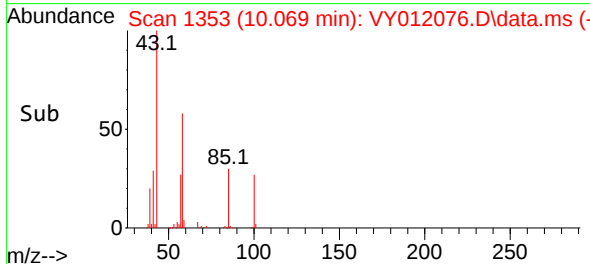
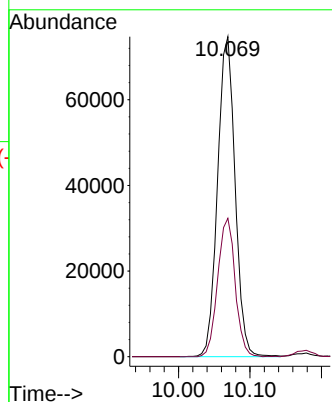
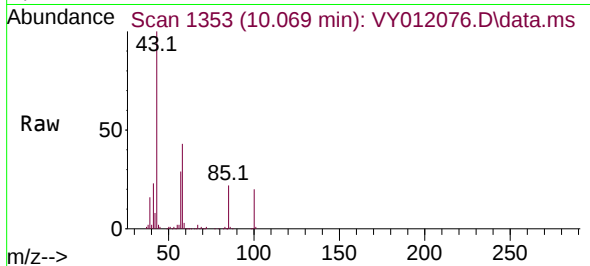




#51
4-Methyl-2-Pentanone
Concen: 106.419 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

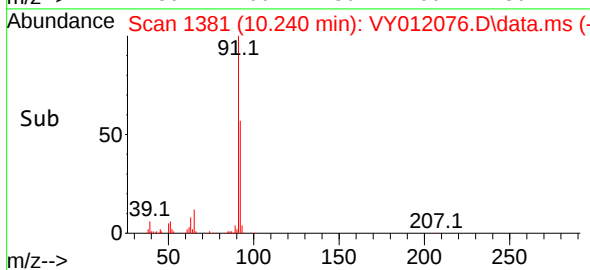
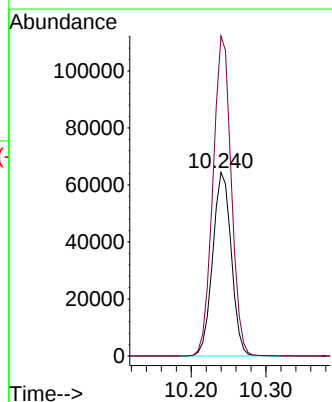
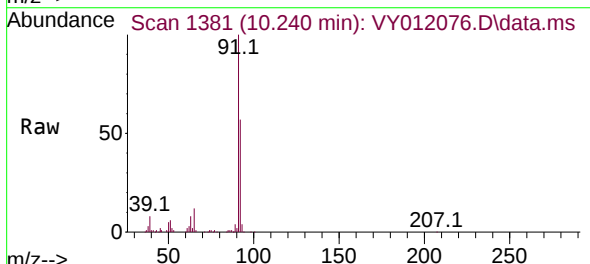
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

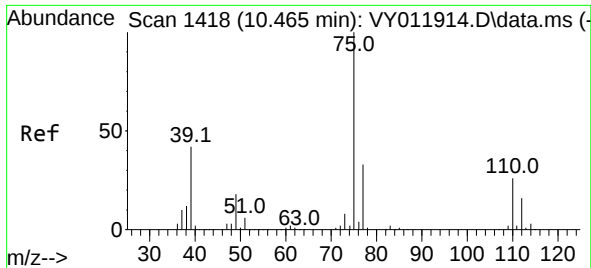
Tgt Ion: 43 Resp: 127185
Ion Ratio Lower Upper
43 100
58 43.2 32.9 49.3



#52
Toluene
Concen: 22.240 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 92 Resp: 110920
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

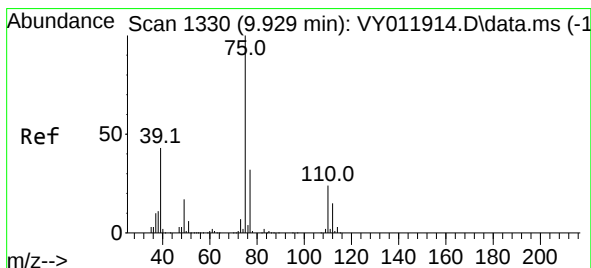
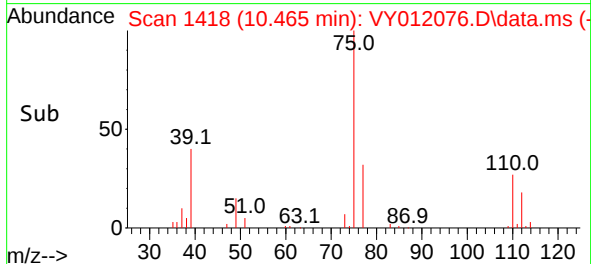
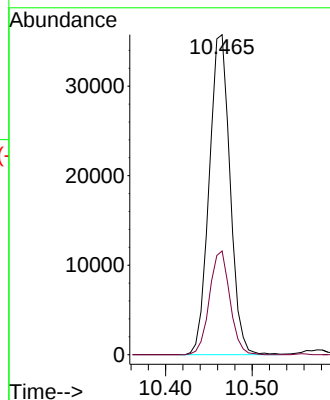
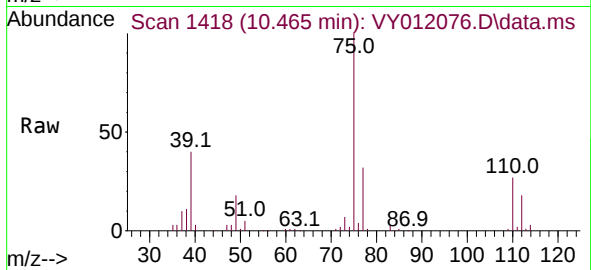




#53
t-1,3-Dichloropropene
Concen: 22.372 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

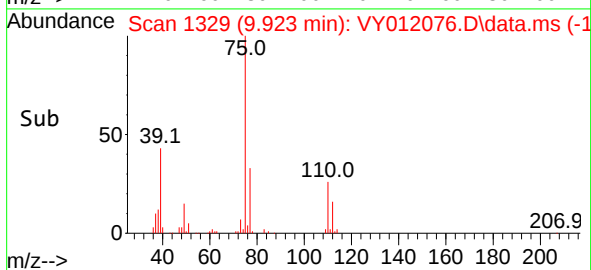
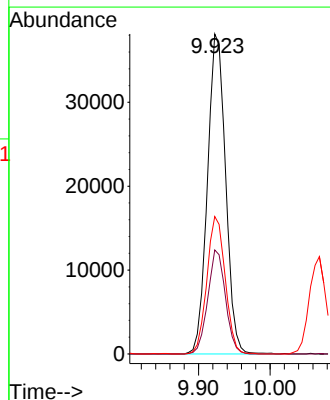
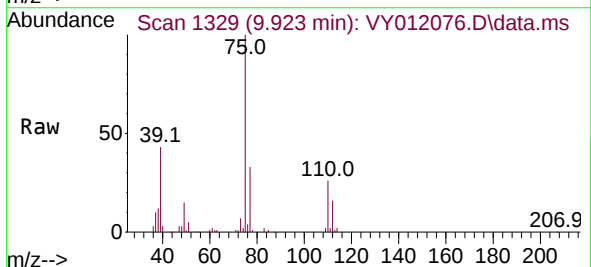
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

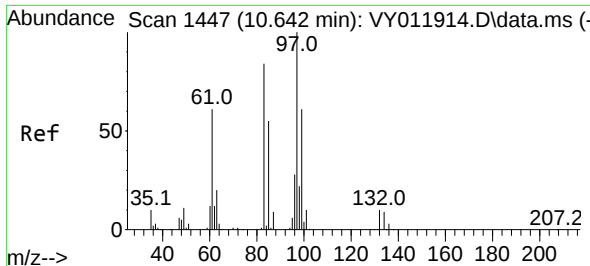
Tgt Ion: 75 Resp: 59750
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 22.409 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 75 Resp: 67274
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
39 42.9 34.6 52.0

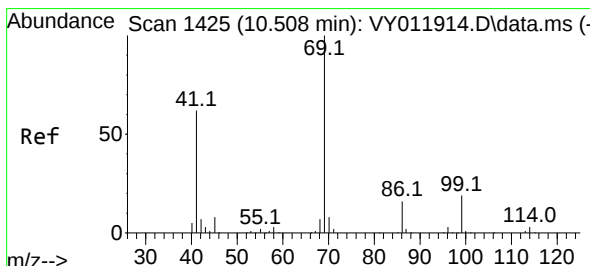
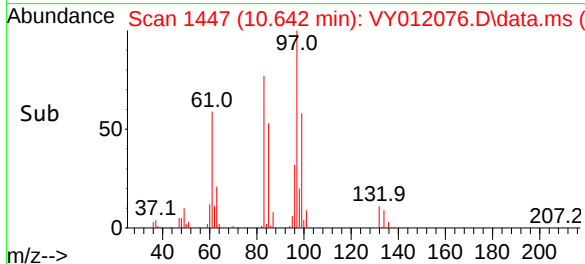
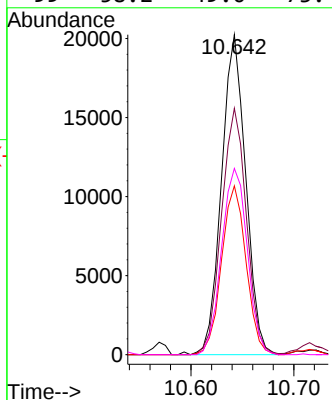
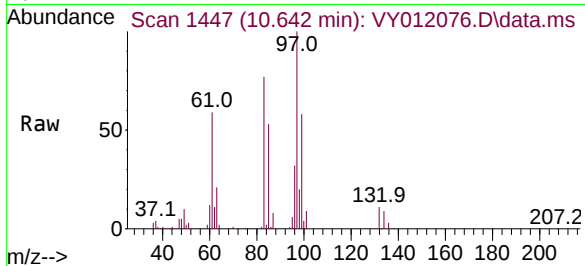




#55
1,1,2-Trichloroethane
Concen: 22.423 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

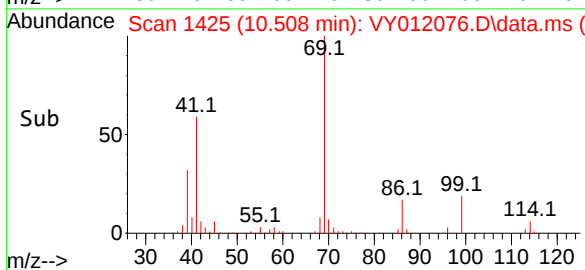
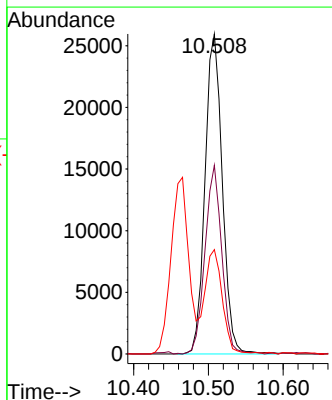
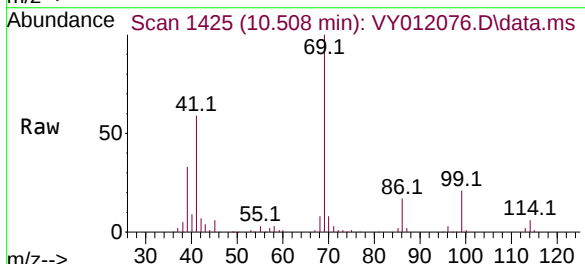
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

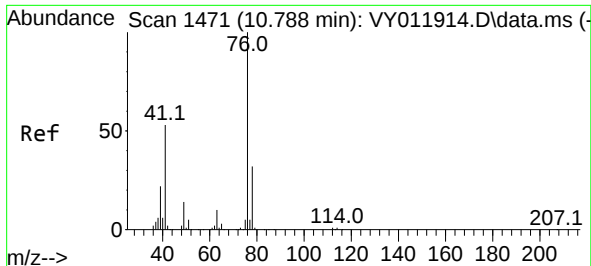
Tgt Ion:	97	Resp:	33150
Ion	Ratio	Lower	Upper
97	100		
83	77.0	67.7	101.5
85	52.8	43.8	65.8
99	58.2	49.0	73.4



#56
Ethyl methacrylate
Concen: 22.323 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:	69	Resp:	41785
Ion	Ratio	Lower	Upper
69	100		
41	57.4	48.9	73.3
39	33.7	25.9	38.9





#57

1,3-Dichloropropane

Concen: 22.004 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

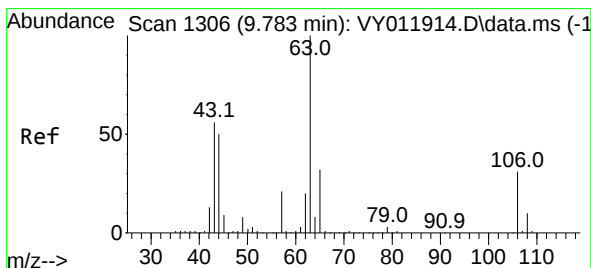
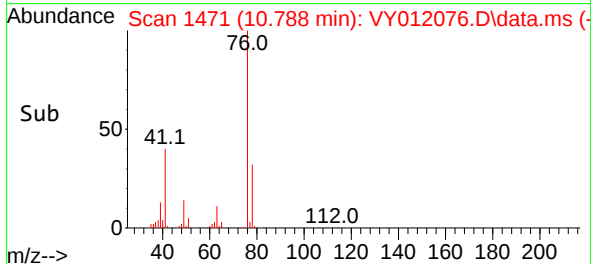
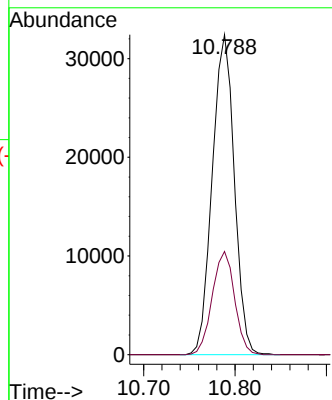
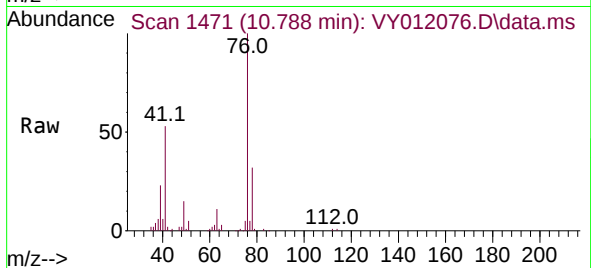
VY0105SBS01

Tgt Ion: 76 Resp: 54289

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.621 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012076.D

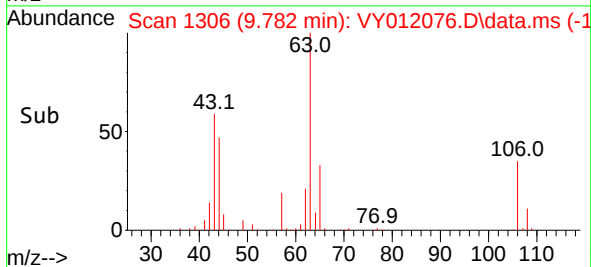
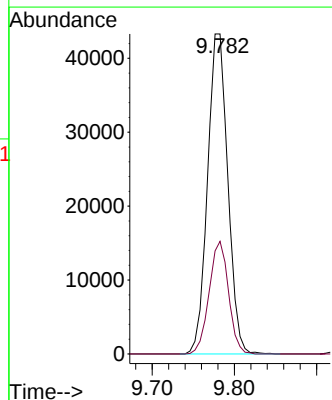
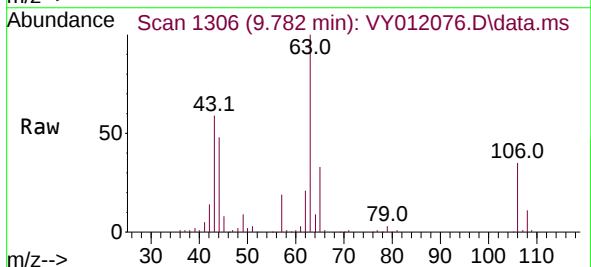
Acq: 05 Jan 2023 15:40

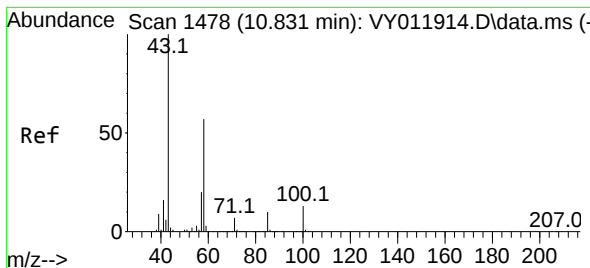
Tgt Ion: 63 Resp: 74123

Ion Ratio Lower Upper

63 100

106 33.7 23.2 34.8

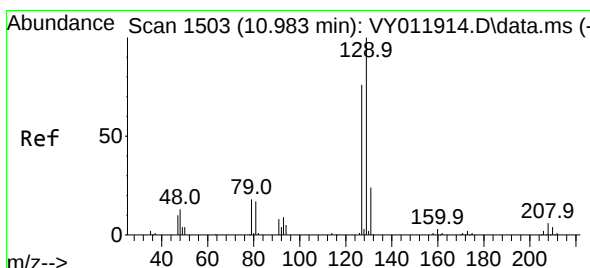
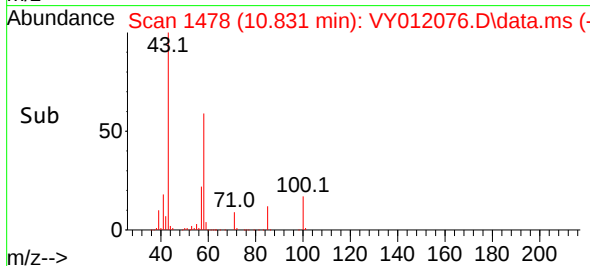
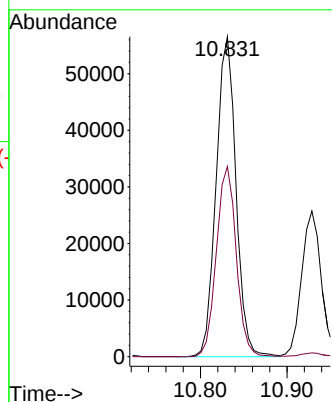
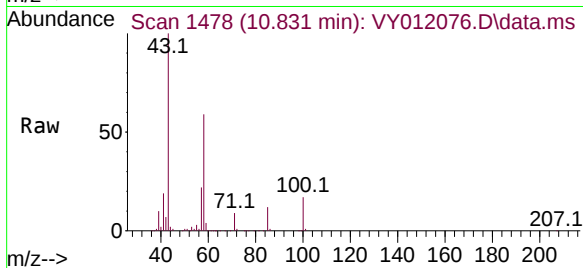




#59
2-Hexanone
Concen: 102.188 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

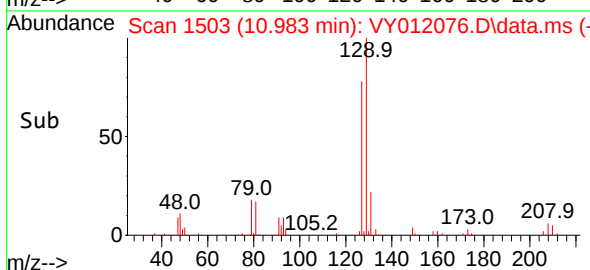
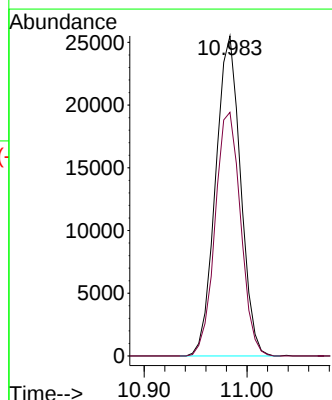
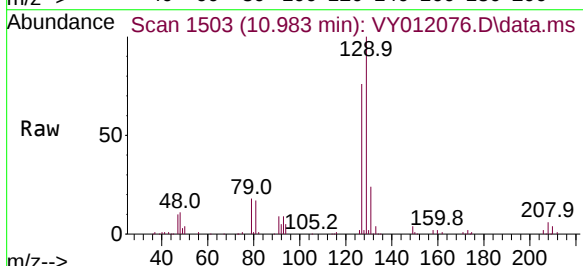
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

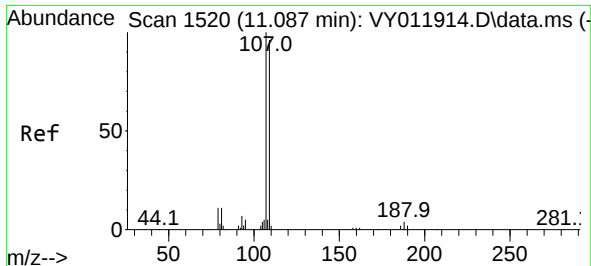
Tgt Ion: 43 Resp: 89847
Ion Ratio Lower Upper
43 100
58 59.7 28.4 85.2



#60
Dibromochloromethane
Concen: 23.122 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:129 Resp: 43064
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

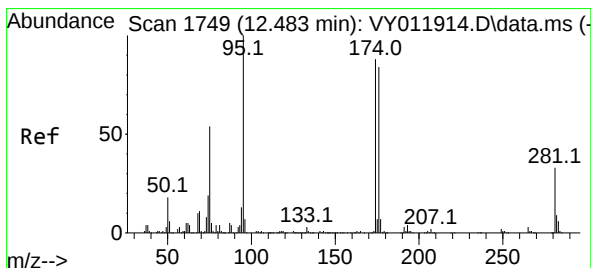
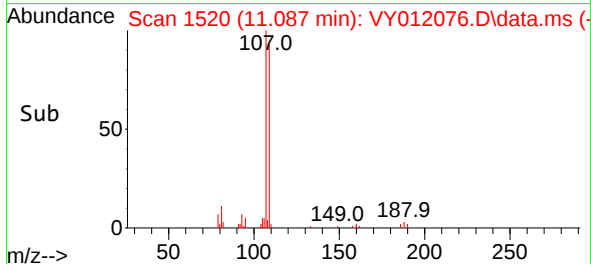
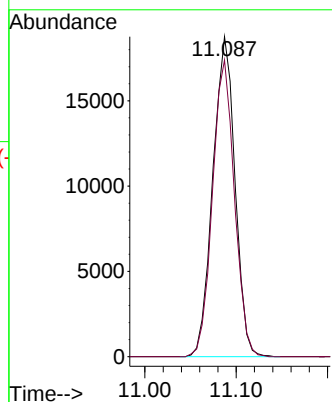
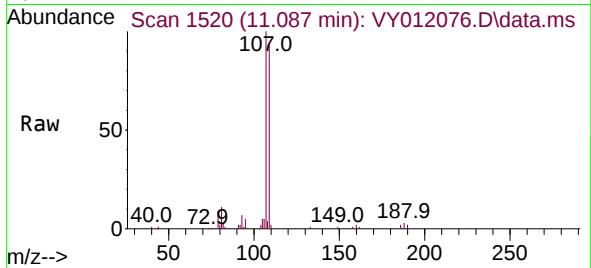




#61
1,2-Dibromoethane
Concen: 22.811 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

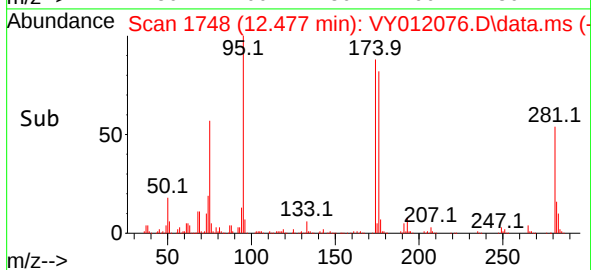
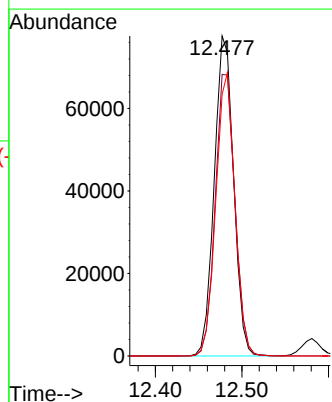
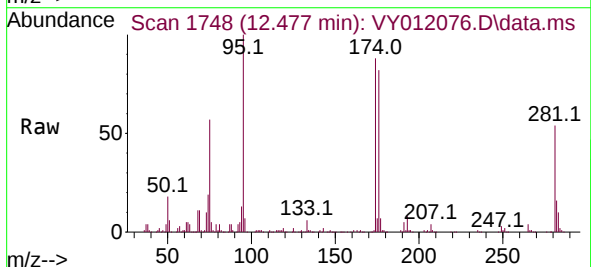
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

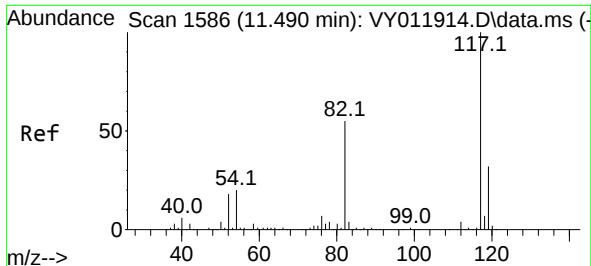
Tgt Ion:107 Resp: 31551
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.714 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 95 Resp: 120336
Ion Ratio Lower Upper
95 100
174 89.5 0.0 172.0
176 87.3 0.0 167.6

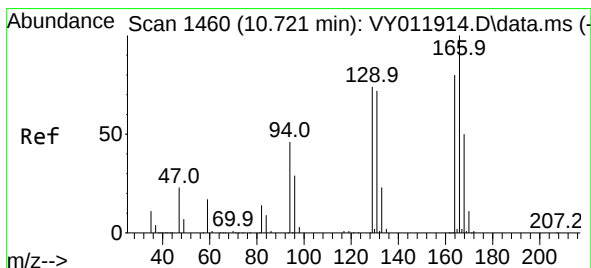
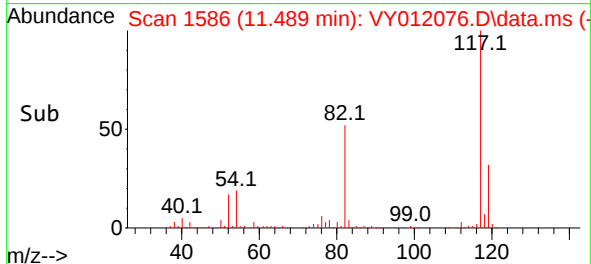
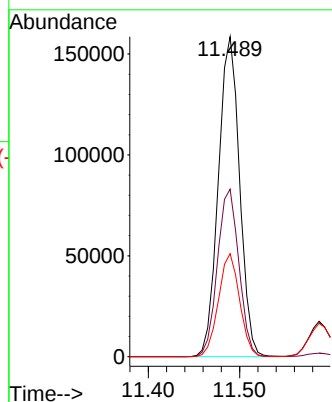
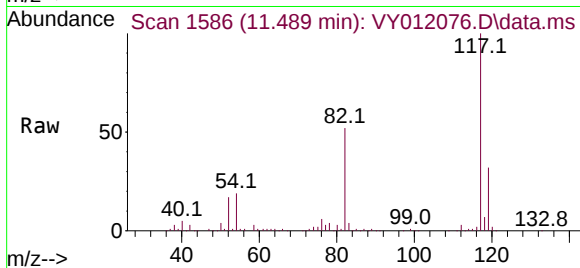




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

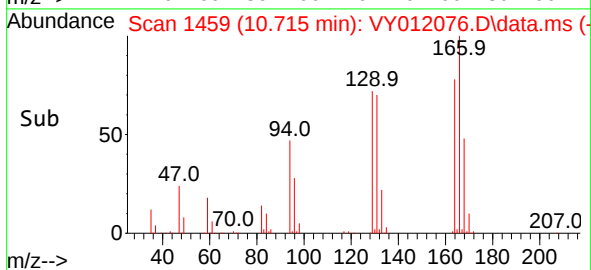
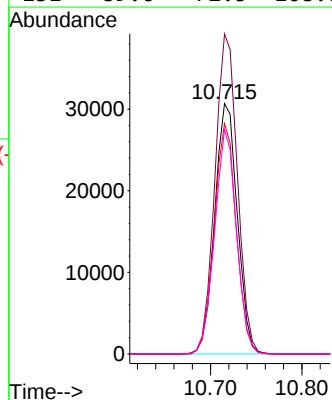
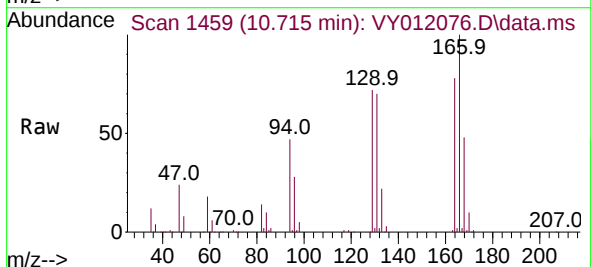
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

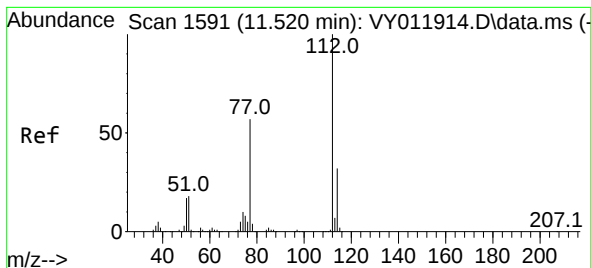
Tgt Ion:117 Resp: 256423
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 23.490 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:164 Resp: 52724
Ion Ratio Lower Upper
164 100
166 127.8 102.3 153.5
129 91.9 77.2 115.8
131 89.6 72.5 108.7





#65

Chlorobenzene

Concen: 22.296 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

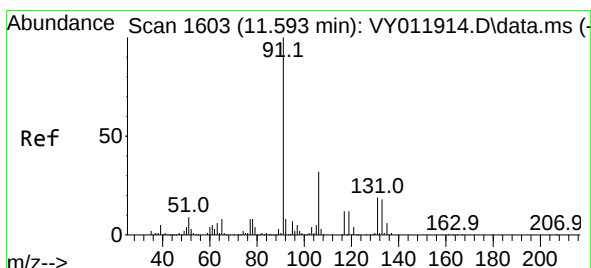
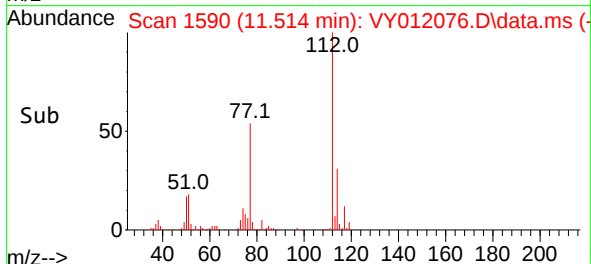
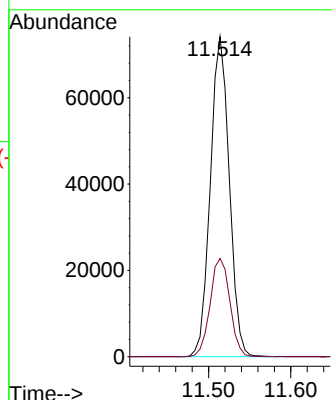
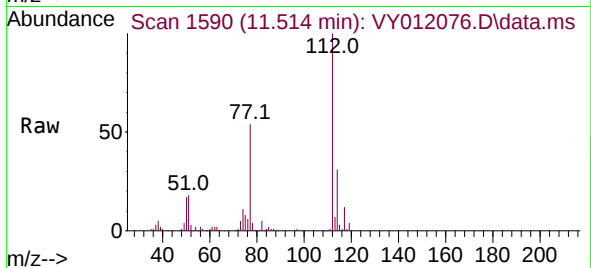
VY0105SBS01

Tgt Ion:112 Resp: 118707

Ion Ratio Lower Upper

112 100

114 30.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 22.996 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

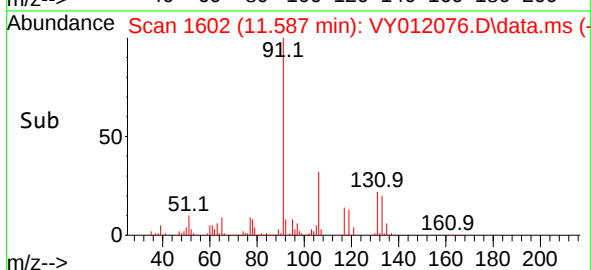
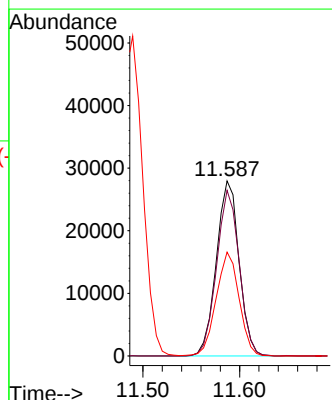
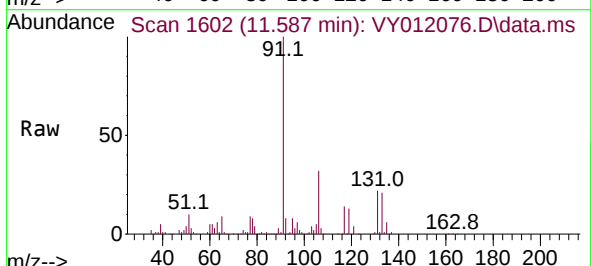
Tgt Ion:131 Resp: 45554

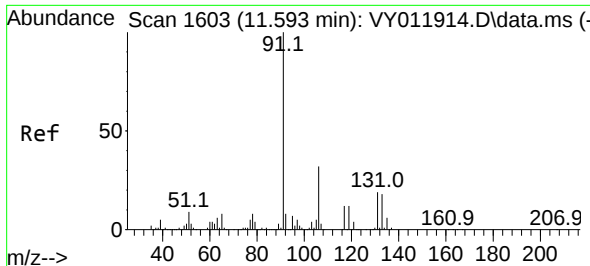
Ion Ratio Lower Upper

131 100

133 94.2 47.3 142.0

119 60.0 32.1 96.3





#67

Ethyl Benzene

Concen: 21.913 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

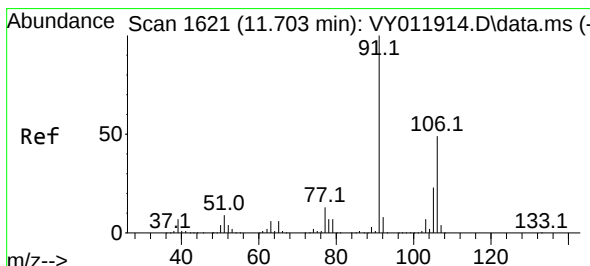
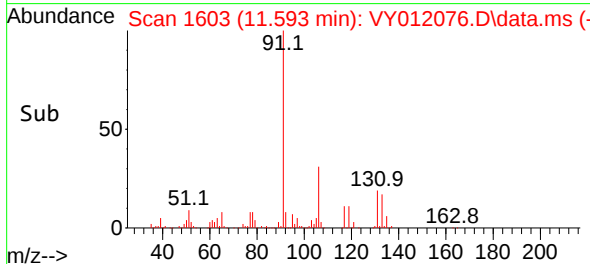
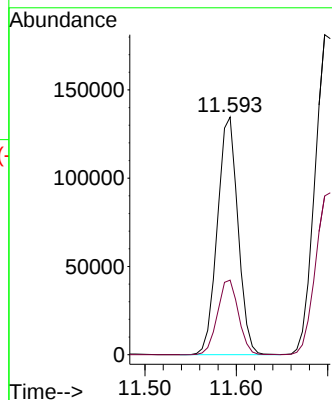
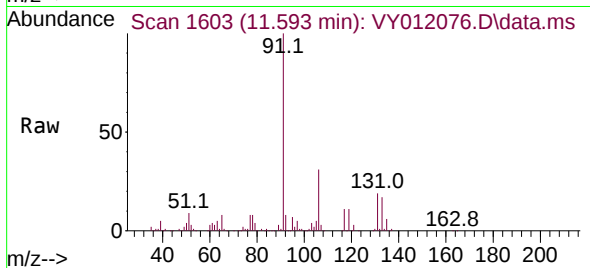
VY0105SBS01

Tgt Ion: 91 Resp: 210891

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



#68

m/p-Xylenes

Concen: 44.922 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012076.D

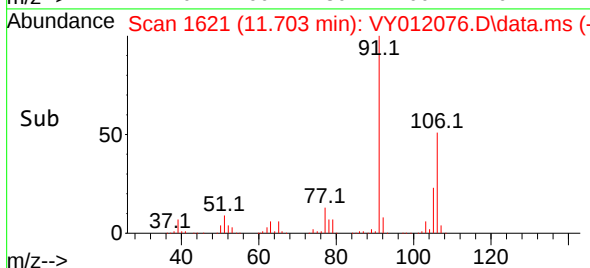
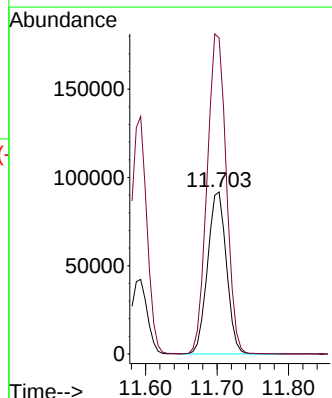
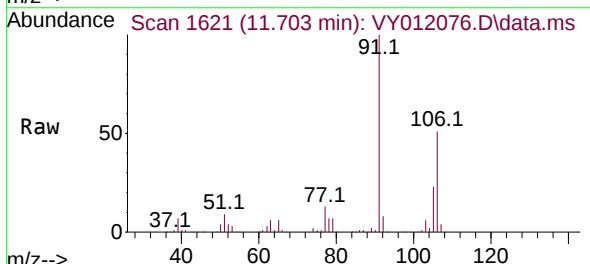
Acq: 05 Jan 2023 15:40

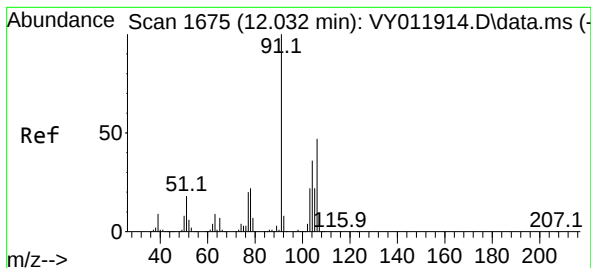
Tgt Ion: 106 Resp: 168139

Ion Ratio Lower Upper

106 100

91 200.8 162.5 243.7





#69

o-Xylene

Concen: 22.585 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

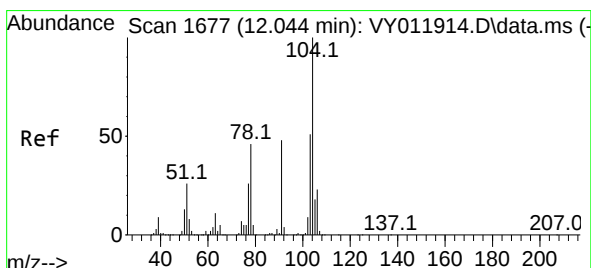
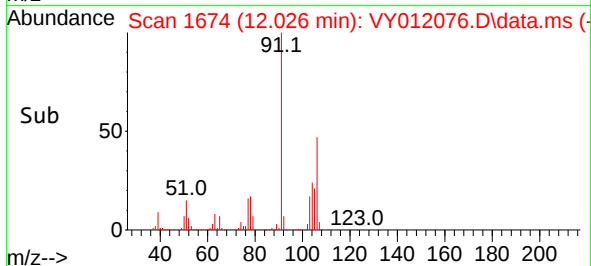
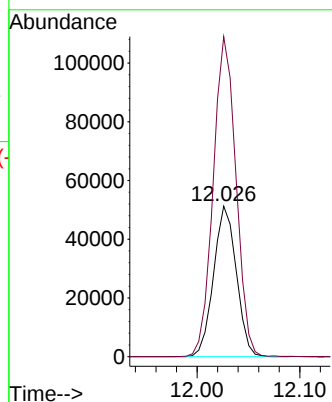
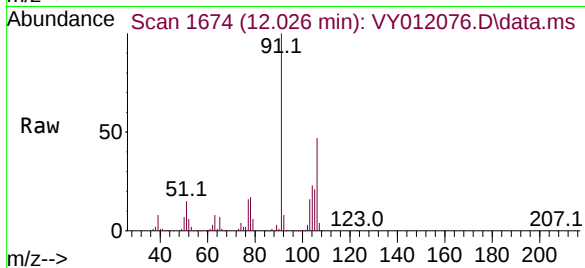
VY0105SBS01

Tgt Ion:106 Resp: 78653

Ion Ratio Lower Upper

106 100

91 213.4 107.5 322.4



#70

Styrene

Concen: 22.754 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

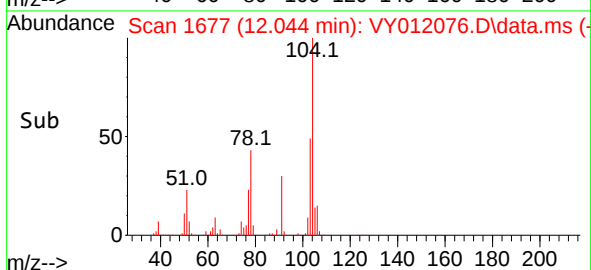
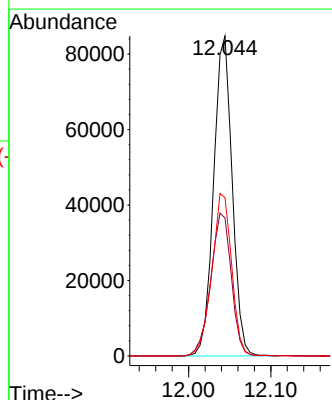
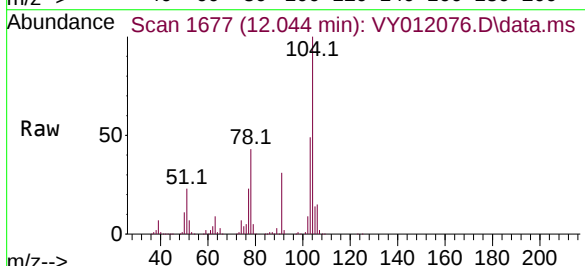
Tgt Ion:104 Resp: 133051

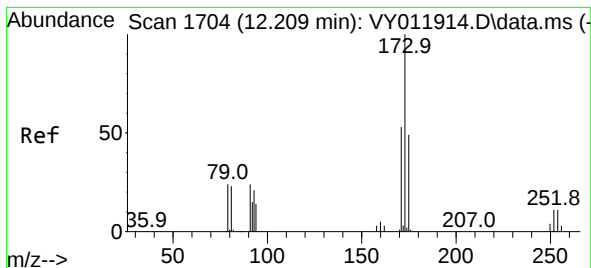
Ion Ratio Lower Upper

104 100

78 49.7 39.4 59.0

103 54.3 43.0 64.4





#71

Bromoform

Concen: 23.793 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

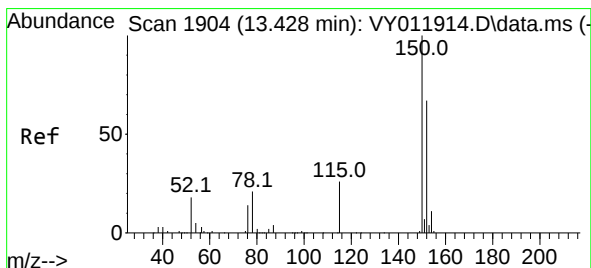
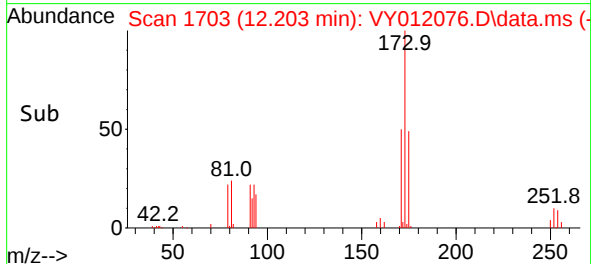
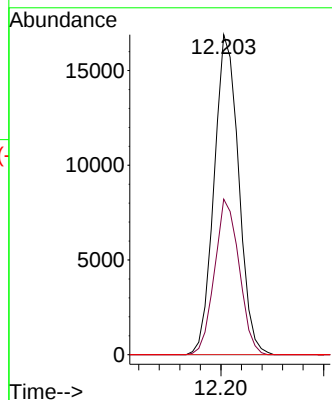
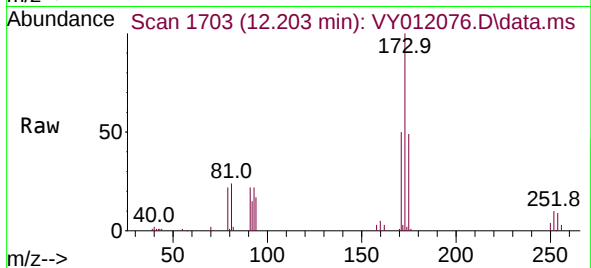
Tgt Ion:173 Resp: 27928

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

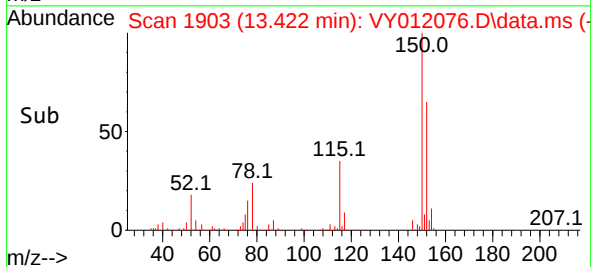
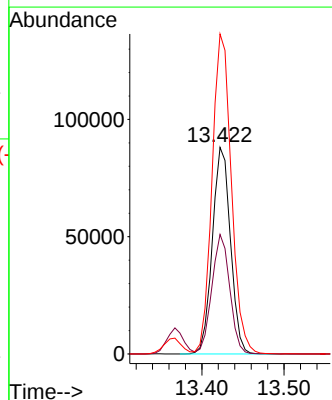
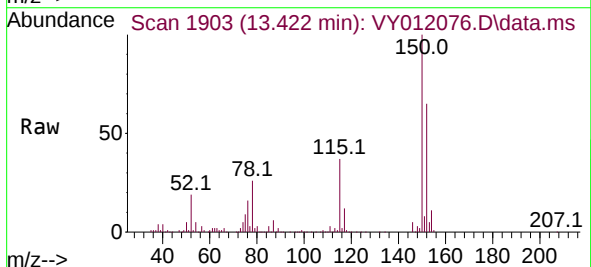
Tgt Ion:152 Resp: 134862

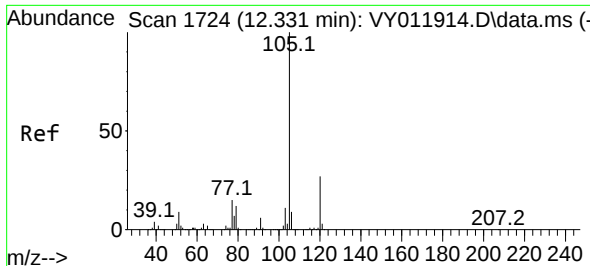
Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 165.1 0.0 342.6

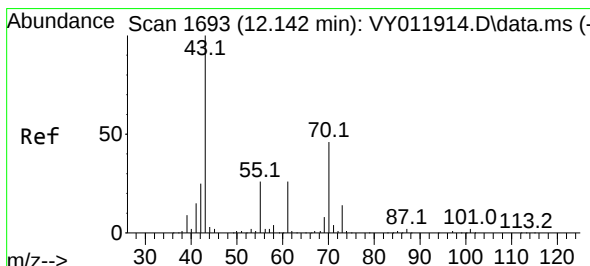
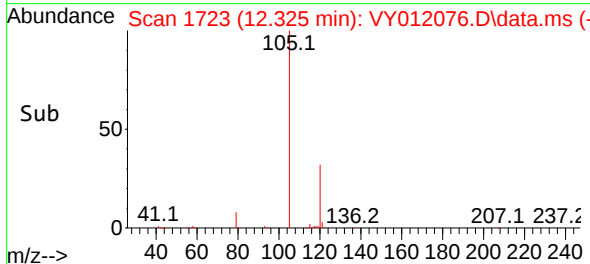
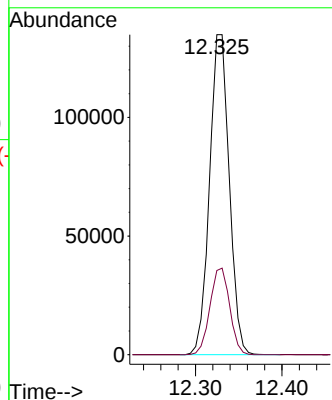
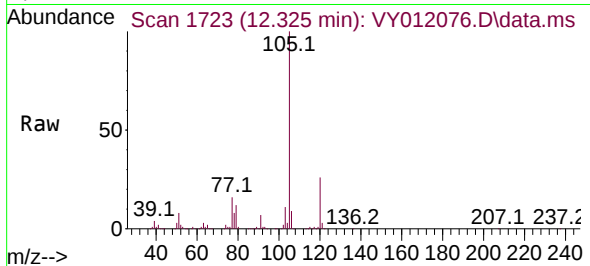




#73
Isopropylbenzene
Concen: 21.271 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

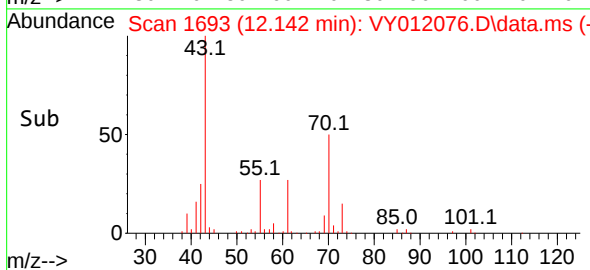
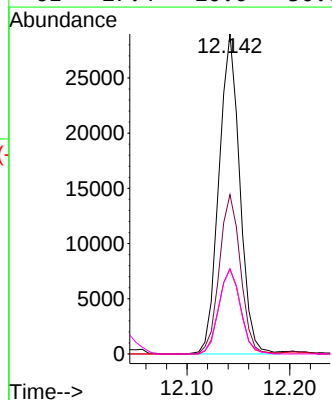
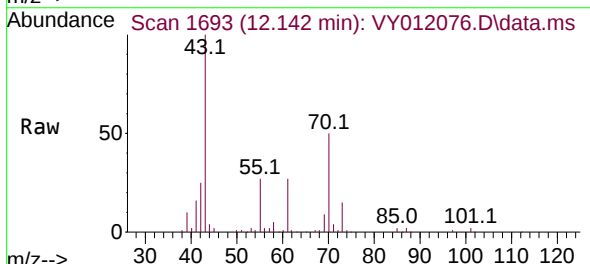
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

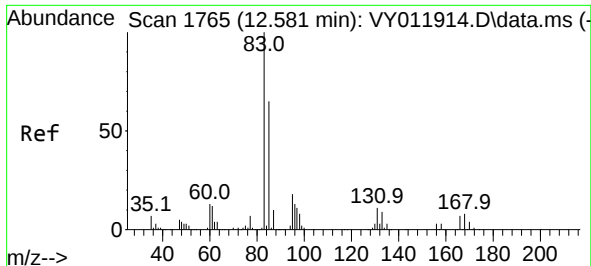
Tgt Ion:105 Resp: 212874
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 19.900 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 43 Resp: 40828
Ion Ratio Lower Upper
43 100
70 50.5 35.8 53.8
55 27.8 21.0 31.4
61 27.4 20.0 30.0

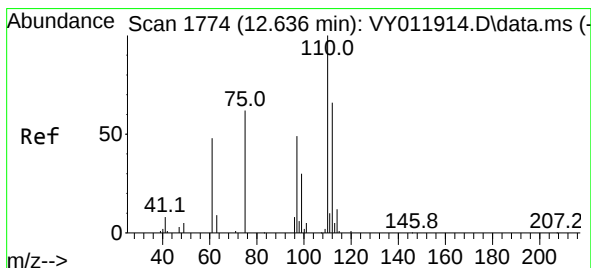
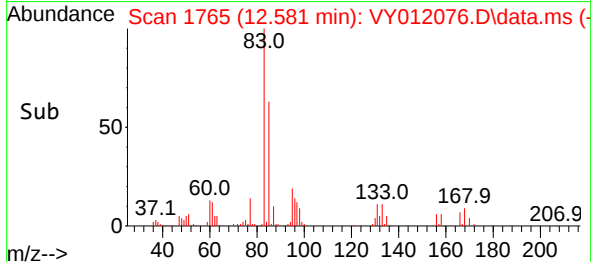
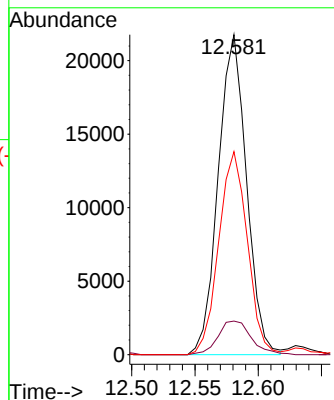
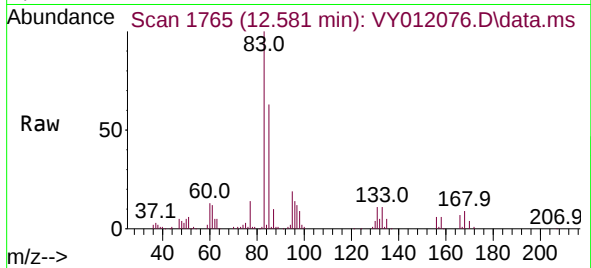




#75
1,1,2,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

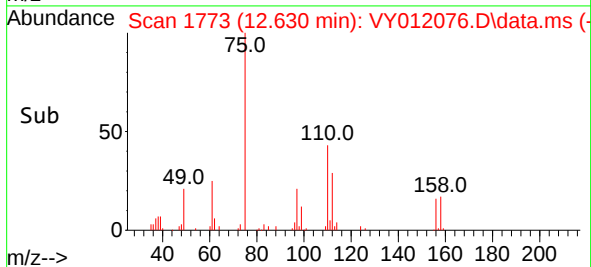
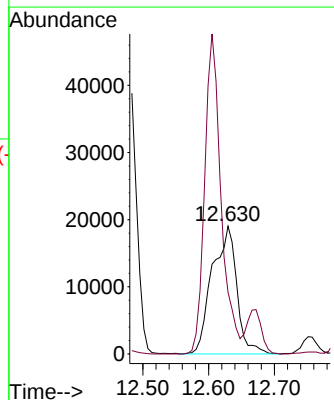
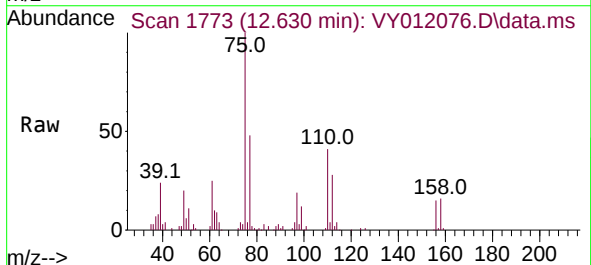
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

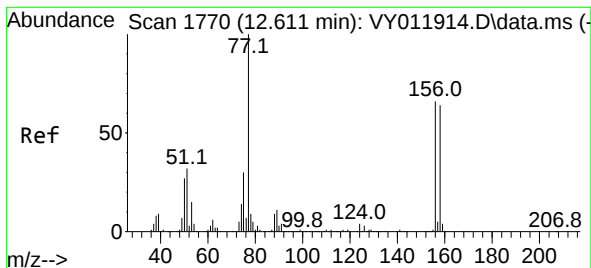
Tgt Ion: 83 Resp: 33832
Ion Ratio Lower Upper
83 100
131 12.4 5.6 16.8
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 29.549 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 75 Resp: 49588
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.811 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

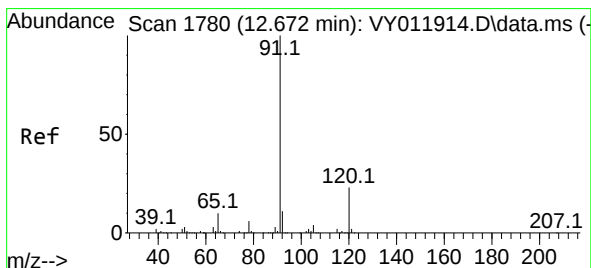
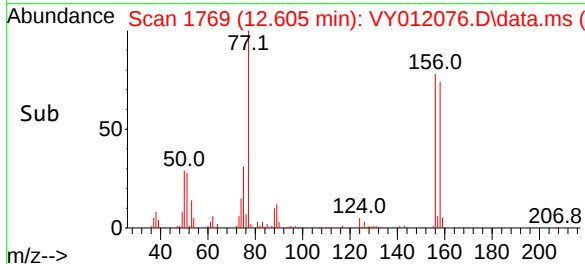
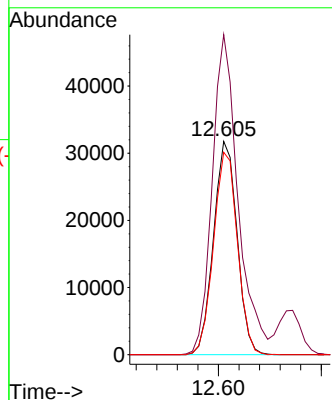
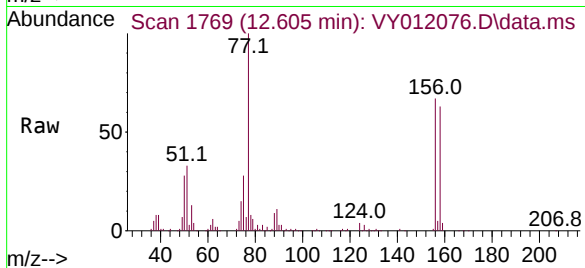
Tgt Ion:156 Resp: 50499

Ion Ratio Lower Upper

156 100

77 164.3 90.0 270.0

158 96.2 48.4 145.2



#78

n-propylbenzene

Concen: 20.897 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012076.D

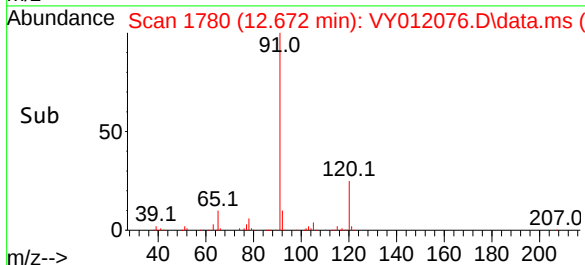
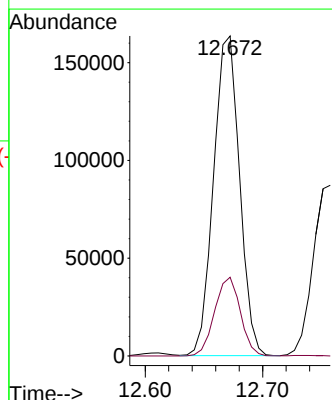
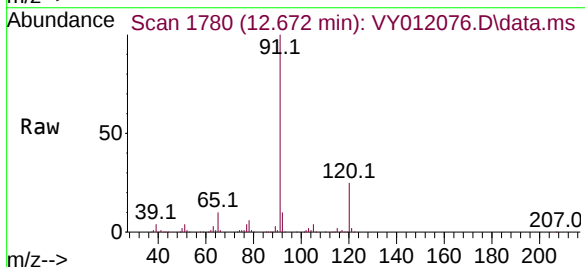
Acq: 05 Jan 2023 15:40

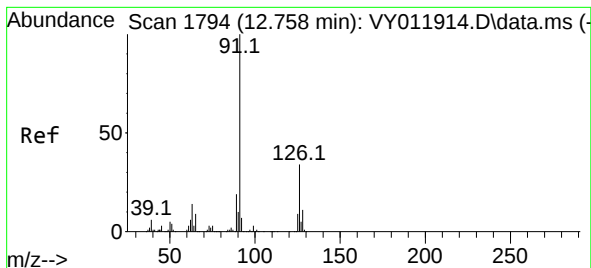
Tgt Ion: 91 Resp: 251382

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.951 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

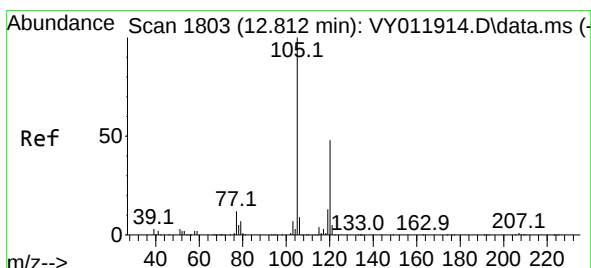
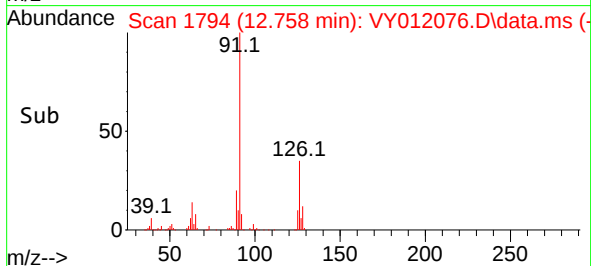
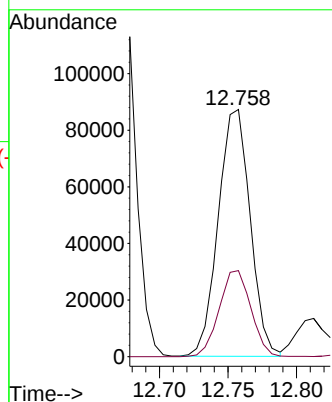
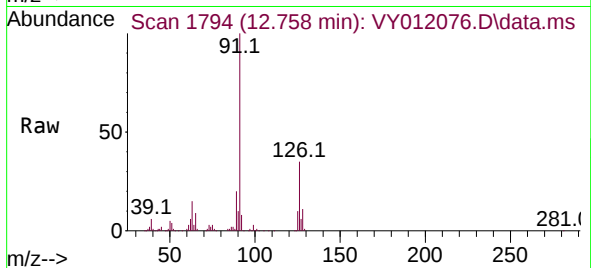
VY0105SBS01

Tgt Ion: 91 Resp: 141666

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 21.315 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012076.D

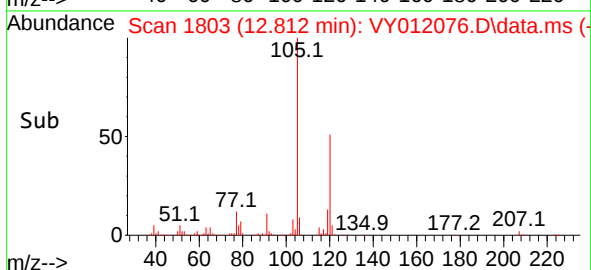
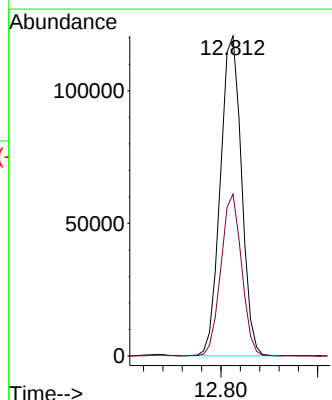
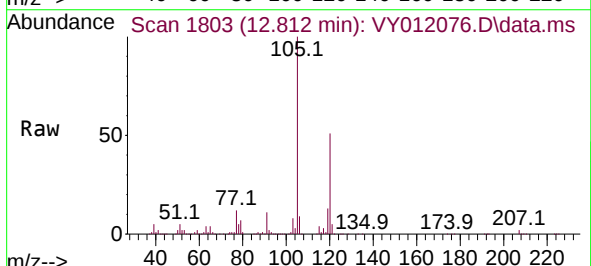
Acq: 05 Jan 2023 15:40

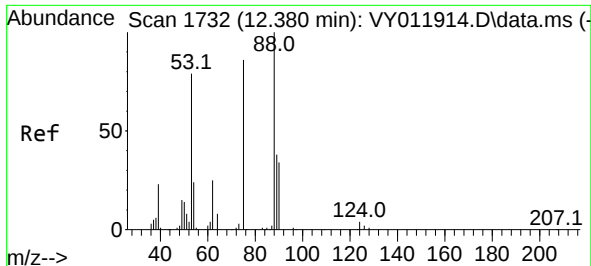
Tgt Ion: 105 Resp: 182630

Ion Ratio Lower Upper

105 100

120 49.7 24.2 72.6

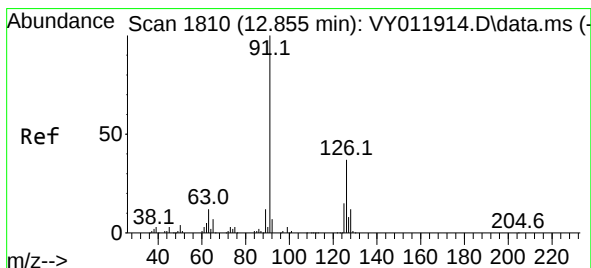
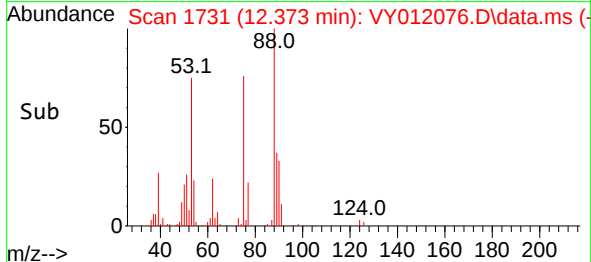
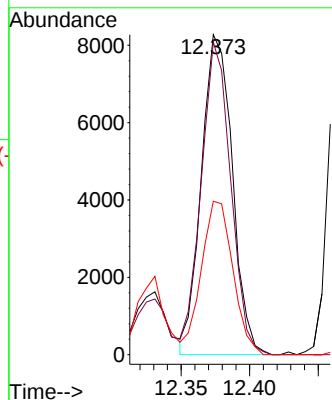
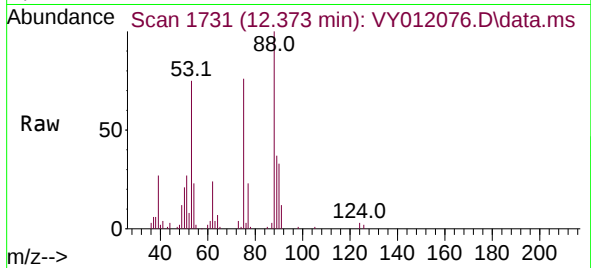




#81
trans-1,4-Dichloro-2-butene
Concen: 21.162 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

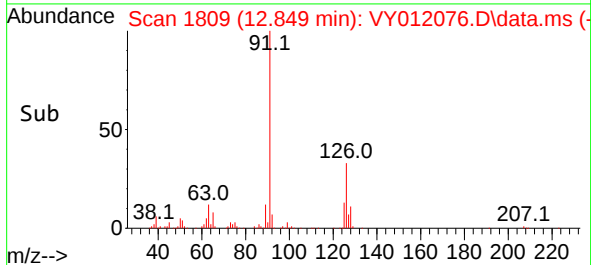
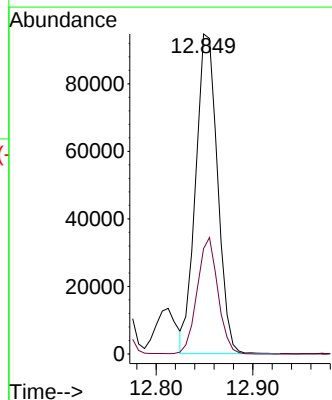
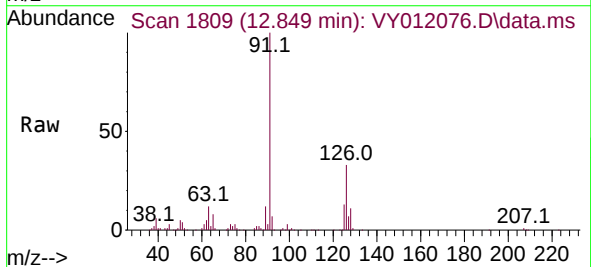
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

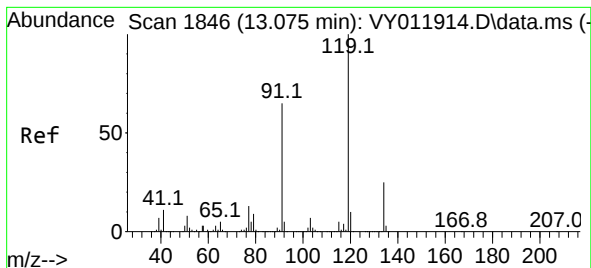
Tgt Ion: 75 Resp: 12968
Ion Ratio Lower Upper
75 100
53 93.3 72.5 108.7
89 49.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.252 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 91 Resp: 148686
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.831 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

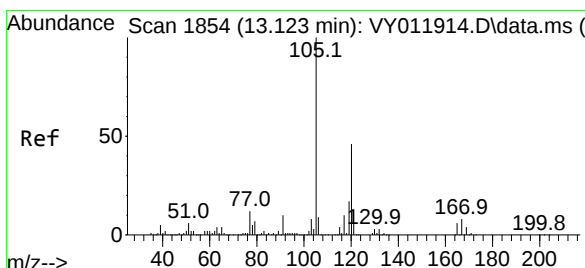
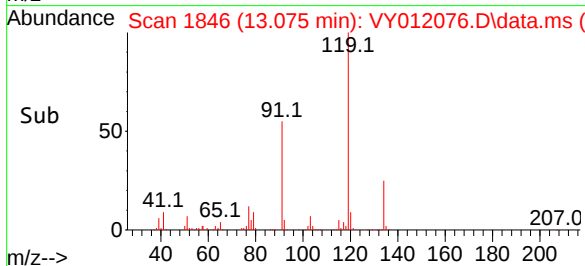
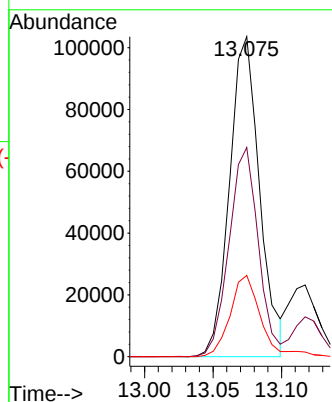
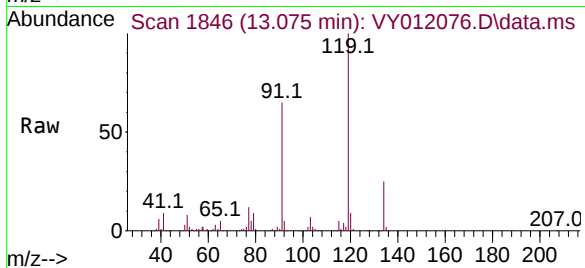
Tgt Ion:119 Resp: 158525

Ion Ratio Lower Upper

119 100

91 63.7 32.3 96.8

134 25.9 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 21.492 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012076.D

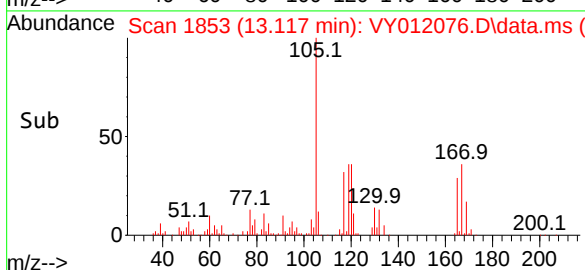
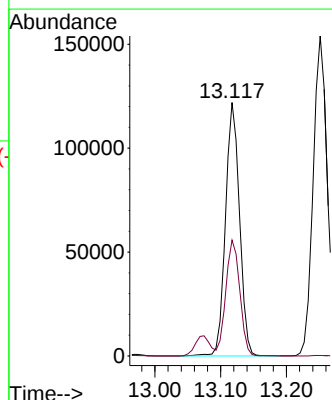
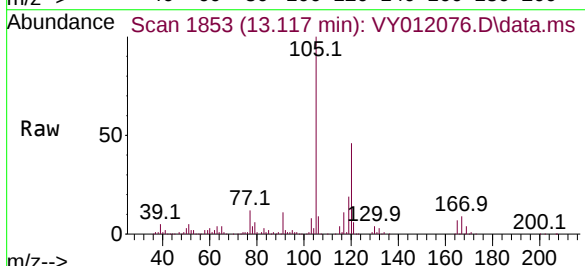
Acq: 05 Jan 2023 15:40

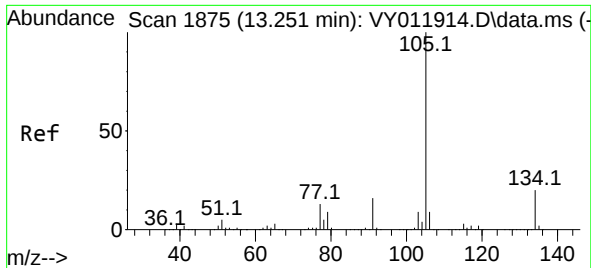
Tgt Ion:105 Resp: 181161

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.7

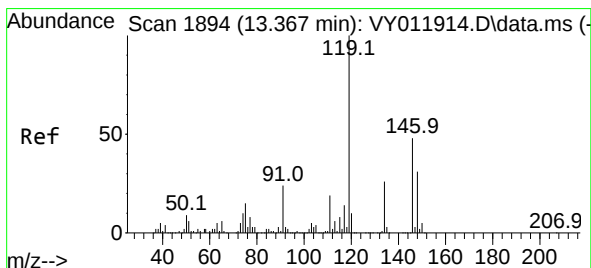
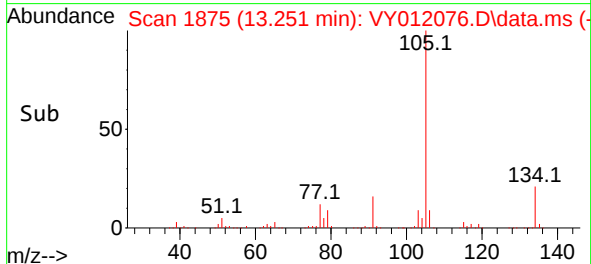
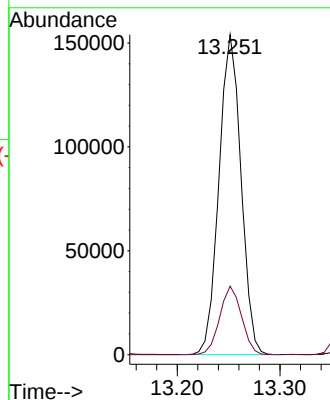
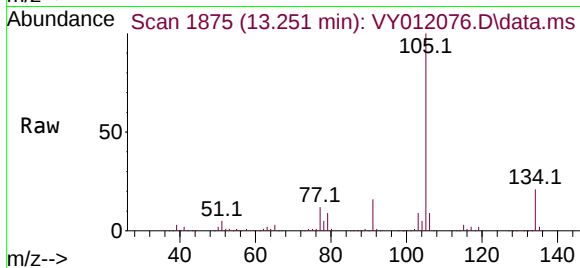




#85
 sec-Butylbenzene
 Concen: 21.090 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012076.D
 Acq: 05 Jan 2023 15:40

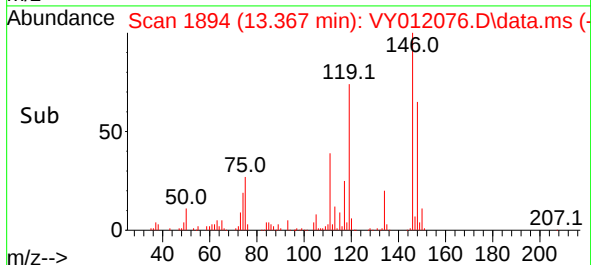
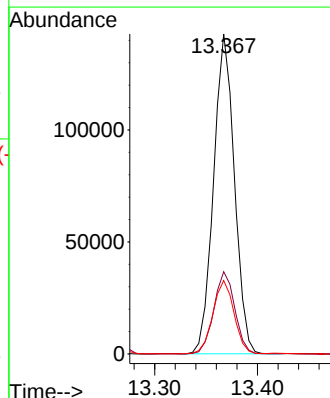
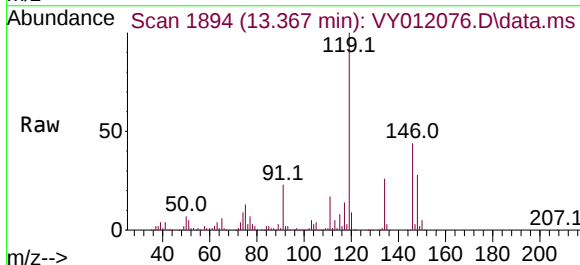
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

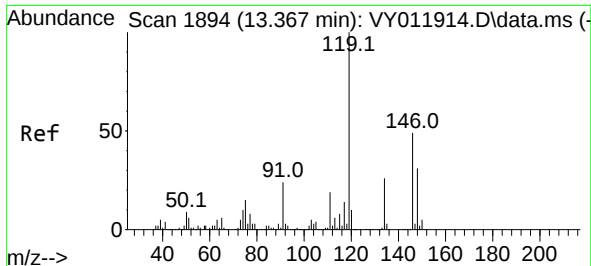
Tgt Ion:105 Resp: 228684
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.942 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012076.D
 Acq: 05 Jan 2023 15:40

Tgt Ion:119 Resp: 200750
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.3 11.9 35.9

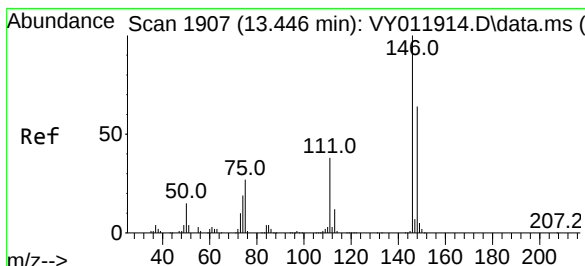
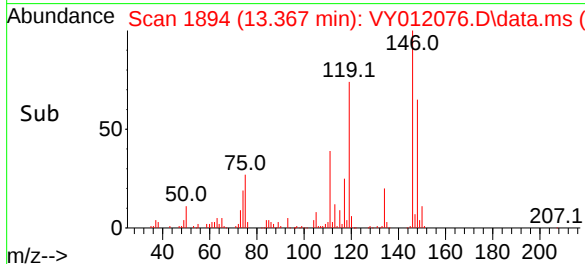
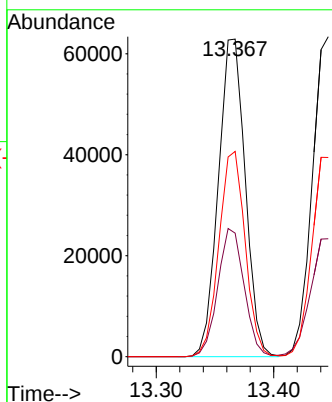
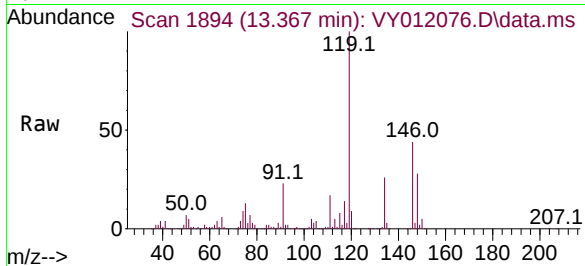




#87
1,3-Dichlorobenzene
Concen: 21.539 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

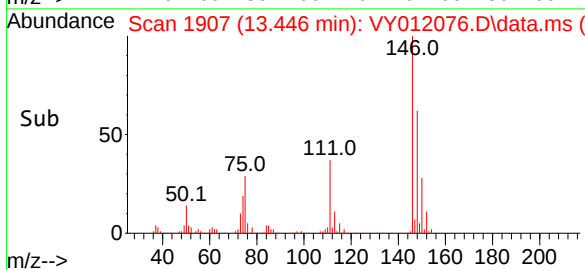
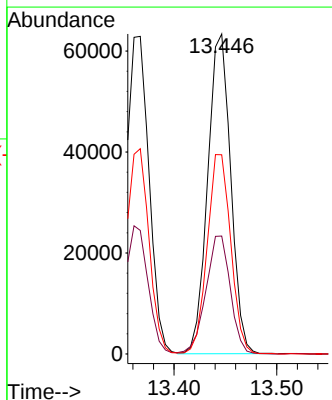
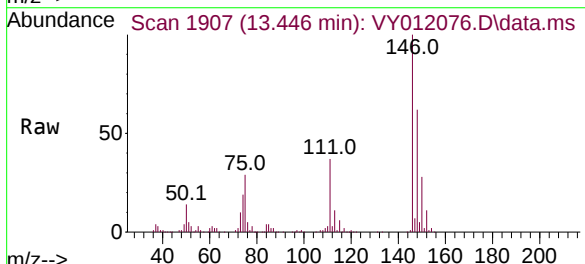
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

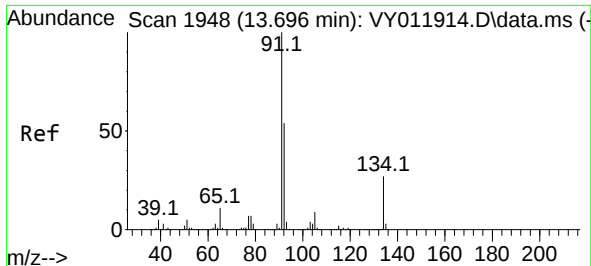
Tgt Ion:146 Resp: 100292
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 21.270 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion:146 Resp: 98458
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.7
148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 20.733 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

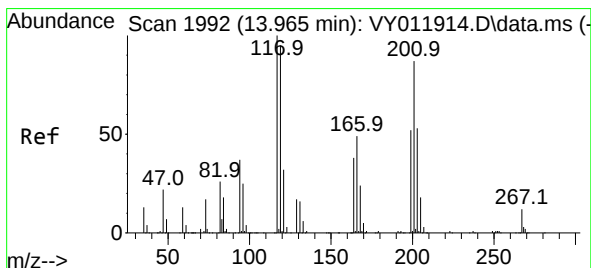
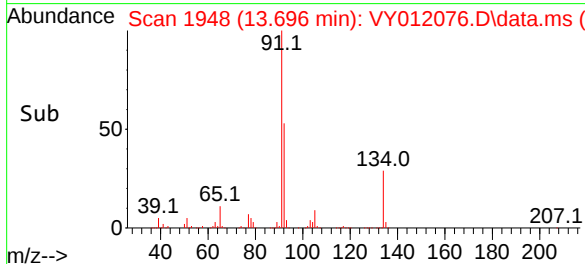
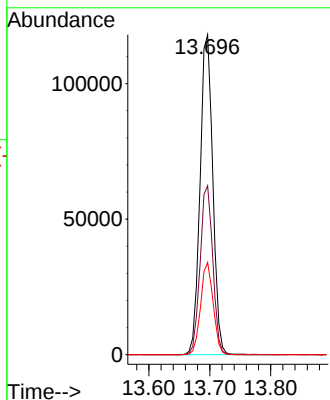
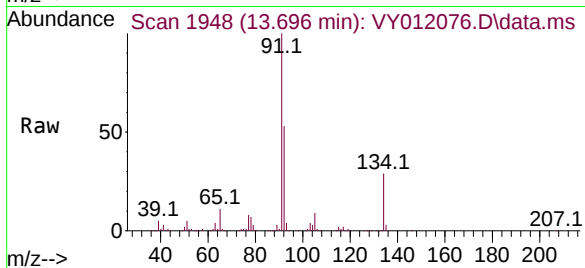
Tgt Ion: 91 Resp: 171720

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.4

134 28.4 13.3 39.8



#90

Hexachloroethane

Concen: 20.493 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012076.D

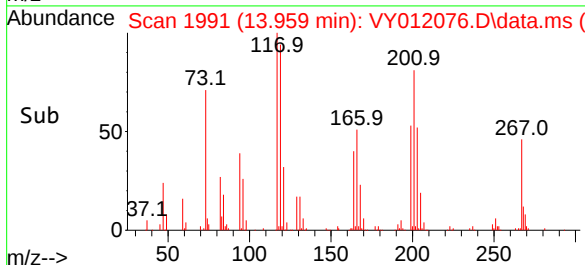
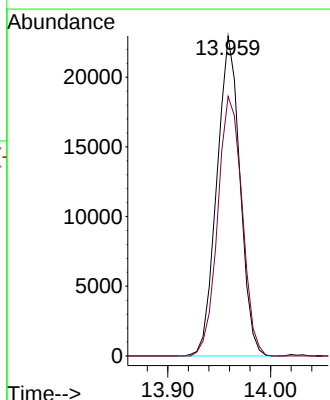
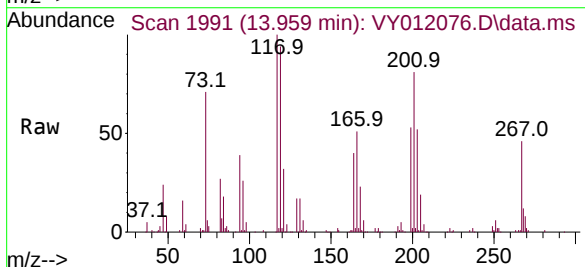
Acq: 05 Jan 2023 15:40

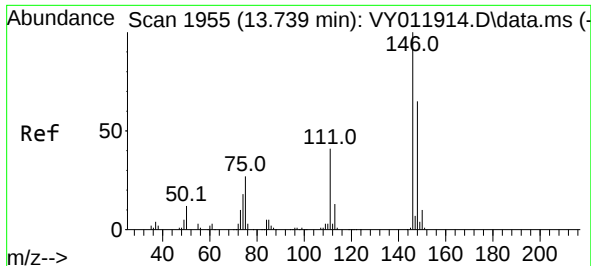
Tgt Ion: 117 Resp: 35775

Ion Ratio Lower Upper

117 100

201 85.7 40.3 120.8

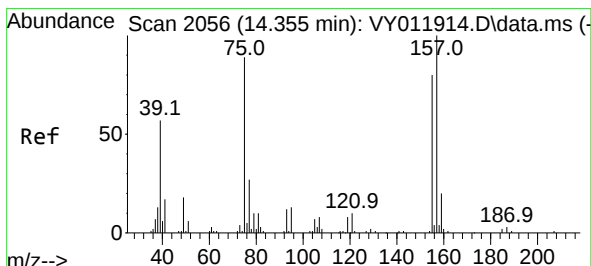
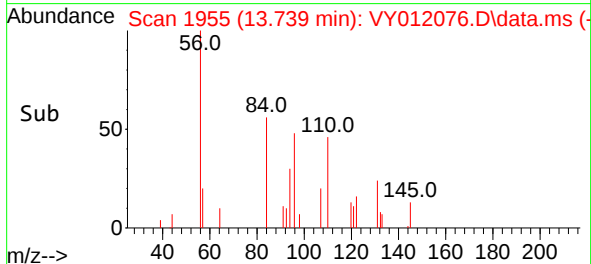
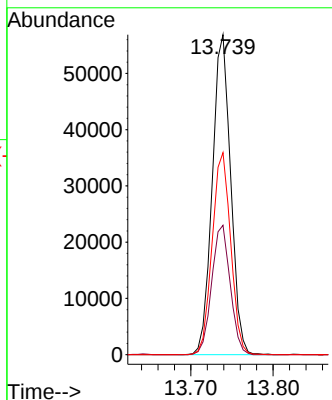
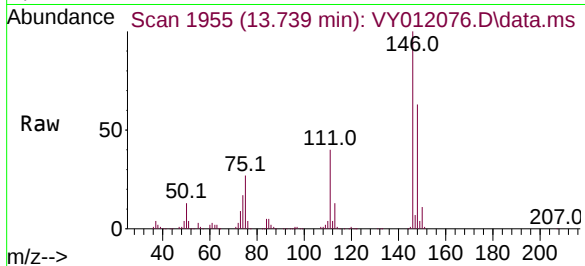




#91
1,2-Dichlorobenzene
Concen: 21.788 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

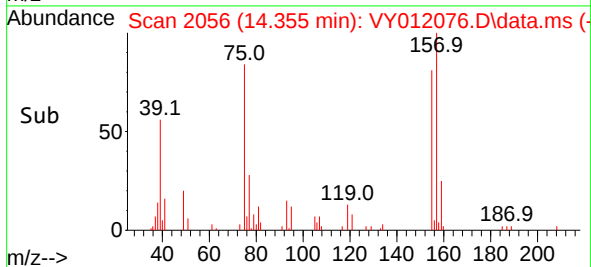
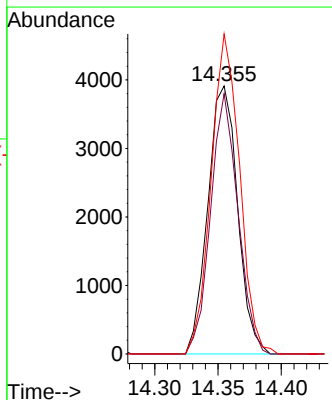
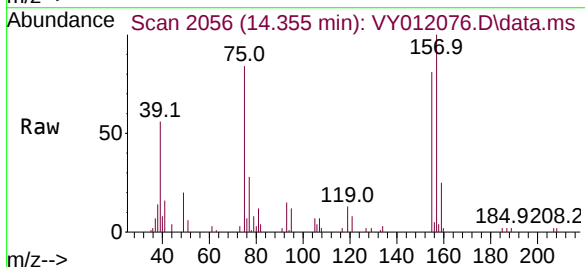
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBS01

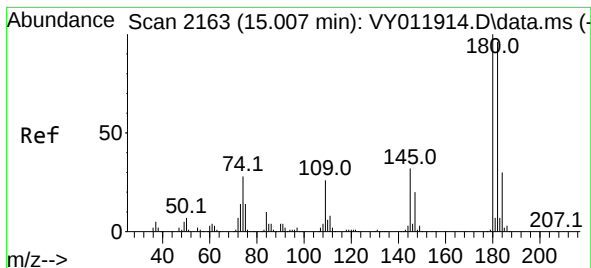
Tgt Ion:146 Resp: 88443
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.327 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012076.D
Acq: 05 Jan 2023 15:40

Tgt Ion: 75 Resp: 6406
Ion Ratio Lower Upper
75 100
155 89.1 42.3 126.8
157 114.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 22.099 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

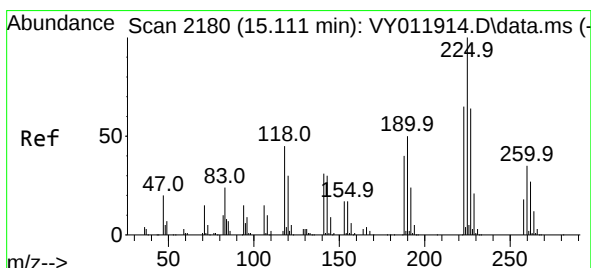
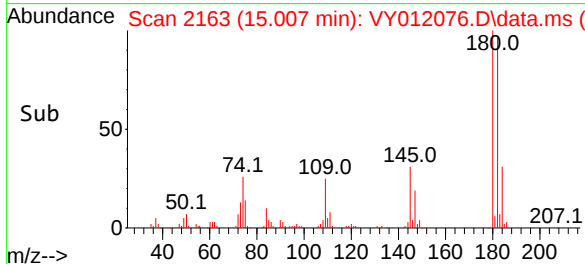
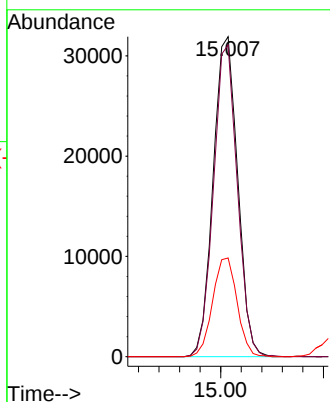
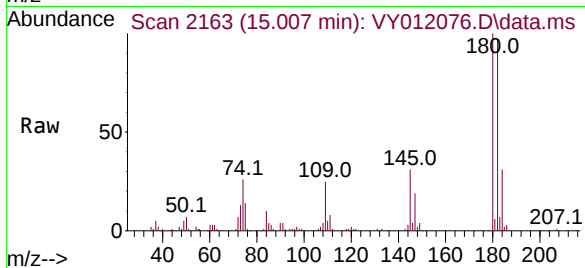
Tgt Ion:180 Resp: 52771

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.3

145 30.8 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.910 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

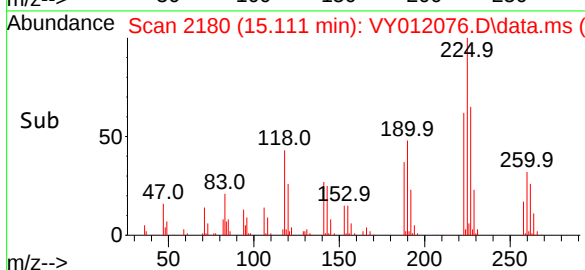
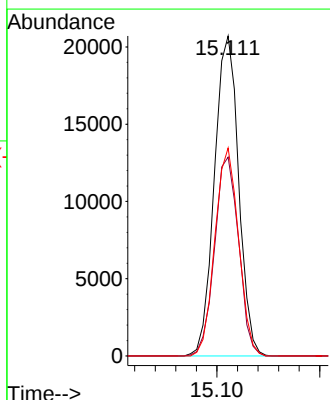
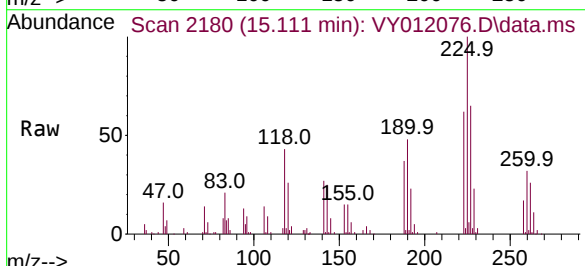
Tgt Ion:225 Resp: 33806

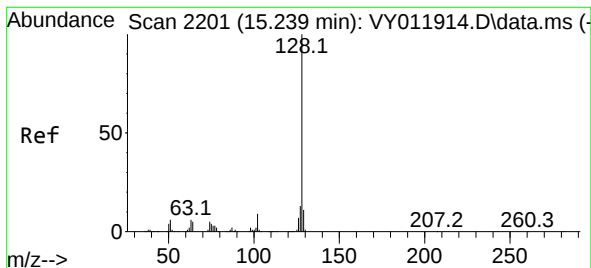
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.2

227 63.5 32.6 97.8





#95

Naphthalene

Concen: 21.420 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBS01

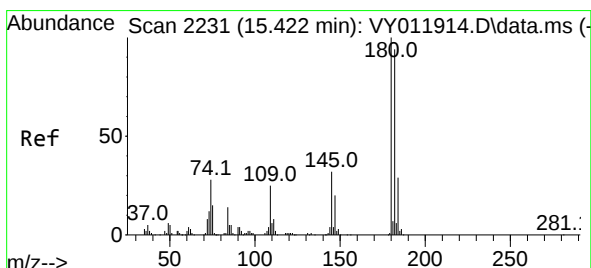
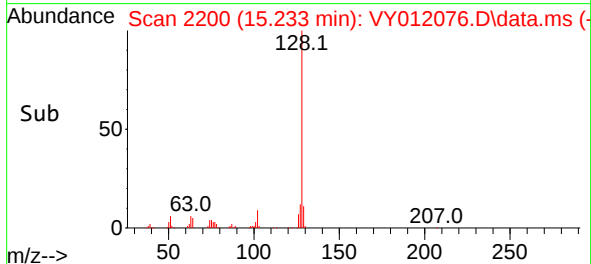
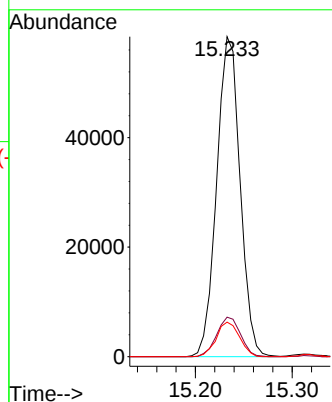
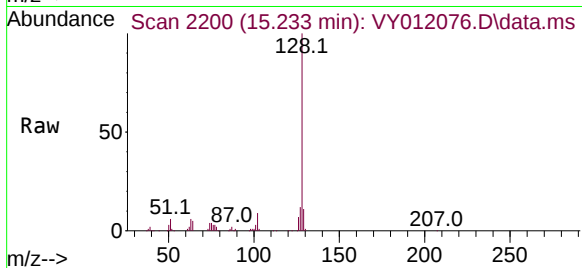
Tgt Ion:128 Resp: 98036

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.029 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012076.D

Acq: 05 Jan 2023 15:40

Tgt Ion:180 Resp: 44475

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 33.1 16.1 48.2

