

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010042.D
 Acq On : 16 Aug 2022 14:28
 Operator : KP/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Quant Time: Aug 16 16:53:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	102275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	152586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	145067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50622	49.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.710	113	49399	49.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.173	98	180689	49.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.477	95	65237	50.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18119	21.642	ug/l	95
3) Chloromethane	2.107	50	21099	17.838	ug/l	98
4) Vinyl Chloride	2.241	62	26970	18.541	ug/l	99
5) Bromomethane	2.631	94	25459	22.550	ug/l	97
6) Chloroethane	2.778	64	19104	19.070	ug/l	96
7) Trichlorofluoromethane	3.113	101	34463	19.945	ug/l	96
8) Diethyl Ether	3.515	74	9777	20.202	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	18639	20.341	ug/l	98
10) Methyl Iodide	4.076	142	18532	17.086	ug/l	99
11) Tert butyl alcohol	4.942	59	13810	147.838	ug/l	96
12) 1,1-Dichloroethene	3.863	96	15782	18.819	ug/l	92
13) Acrolein	3.717	56	7791	114.138	ug/l	96
14) Allyl chloride	4.466	41	22837	18.529	ug/l	99
15) Acrylonitrile	5.149	53	24915	109.183	ug/l	100
16) Acetone	3.936	43	22486	102.660	ug/l	91
17) Carbon Disulfide	4.180	76	39224	16.329	ug/l	99
18) Methyl Acetate	4.466	43	13172	22.789	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	47929	20.800	ug/l	97
20) Methylene Chloride	4.704	84	25183	23.036	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	17670	18.321	ug/l	95
22) Diisopropyl ether	6.112	45	54433	22.455	ug/l	98
23) Vinyl Acetate	6.052	43	175077	114.456	ug/l	99
24) 1,1-Dichloroethane	6.003	63	31996	20.783	ug/l	96
25) 2-Butanone	6.972	43	36158	120.668	ug/l	94
26) 2,2-Dichloropropane	6.972	77	31844	19.681	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	21777	20.533	ug/l	99
28) Bromochloromethane	7.326	49	12139	18.949	ug/l	98
29) Tetrahydrofuran	7.338	42	20479	105.220	ug/l	98
30) Chloroform	7.496	83	36016	19.129	ug/l	97
31) Cyclohexane	7.777	56	23173	16.038	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	33503	19.630	ug/l	99
36) 1,1-Dichloropropene	7.911	75	24056	17.451	ug/l	98
37) Ethyl Acetate	7.064	43	15961	22.993	ug/l	98
38) Carbon Tetrachloride	7.893	117	32035	18.896	ug/l	98
39) Methylcyclohexane	9.179	83	25625	16.499	ug/l	96
40) Benzene	8.155	78	70713	17.535	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	20082	56.007	ug/l #	77
42) 1,2-Dichloroethane	8.234	62	23608	18.788	ug/l	99
43) Isopropyl Acetate	8.265	43	24524	18.612	ug/l	99
44) Trichloroethene	8.935	130	21742	17.838	ug/l	94
45) 1,2-Dichloropropane	9.203	63	16448	17.250	ug/l	97
46) Dibromomethane	9.301	93	12198	19.974	ug/l	97
47) Bromodichloromethane	9.490	83	27578	18.722	ug/l #	99
48) Methyl methacrylate	9.289	41	9769	17.039	ug/l	88
49) 1,4-Dioxane	9.301	88	2938	462.647	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	67856	93.344	ug/l	96
52) Toluene	10.240	92	48904	18.815	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	25680	18.102	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	28214	18.182	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	16248	19.262	ug/l	98
56) Ethyl methacrylate	10.508	69	17748	18.205	ug/l	99
57) 1,3-Dichloropropane	10.788	76	25668	19.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	46572	110.387	ug/l	95
59) 2-Hexanone	10.831	43	46430	97.746	ug/l	98
60) Dibromochloromethane	10.984	129	21236	19.007	ug/l	97
61) 1,2-Dibromoethane	11.087	107	15734	19.140	ug/l	97
64) Tetrachloroethene	10.715	164	22106	17.846	ug/l	98
65) Chlorobenzene	11.514	112	56668	18.740	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23443	19.565	ug/l	98
67) Ethyl Benzene	11.587	91	93718	18.485	ug/l	98
68) m/p-Xylenes	11.697	106	76650	38.058	ug/l	97
69) o-Xylene	12.026	106	35795	19.024	ug/l	98
70) Styrene	12.038	104	61264	19.295	ug/l	99
71) Bromoform	12.203	173	15183	20.227	ug/l #	97
73) Isopropylbenzene	12.325	105	94944	19.108	ug/l	99
74) N-amyl acetate	12.142	43	24196	20.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	20503	20.757	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	26081	34.611	ug/l #	100
77) Bromobenzene	12.605	156	25667	19.444	ug/l	95
78) n-propylbenzene	12.666	91	114039	18.617	ug/l	99
79) 2-Chlorotoluene	12.752	91	66086	19.078	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	82652	19.094	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	6564	19.686	ug/l	95
82) 4-Chlorotoluene	12.849	91	68866	19.004	ug/l	100
83) tert-Butylbenzene	13.075	119	74286	19.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	82349	19.376	ug/l	98
85) sec-Butylbenzene	13.251	105	105875	19.057	ug/l	98
86) p-Isopropyltoluene	13.367	119	90239	18.952	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	51287	19.080	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	51445	18.958	ug/l	99
89) n-Butylbenzene	13.696	91	80612	19.003	ug/l	97
90) Hexachloroethane	13.959	117	18289	18.951	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	46515	19.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3649	21.493	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	27000	18.904	ug/l	96
94) Hexachlorobutadiene	15.111	225	17236	18.857	ug/l	99
95) Naphthalene	15.233	128	55014	21.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24892	19.802	ug/l	100

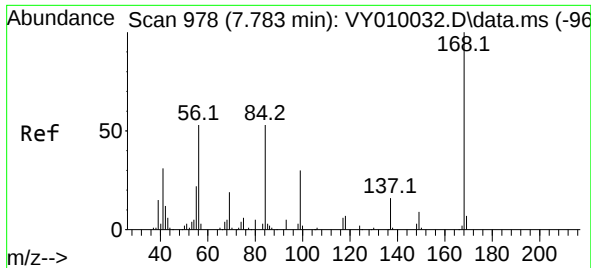
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Response via : Initial Calibration

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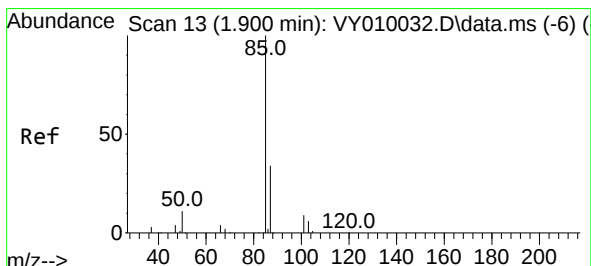
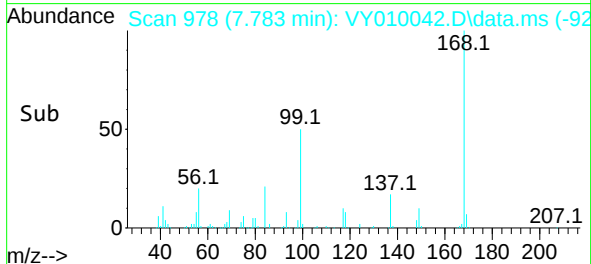
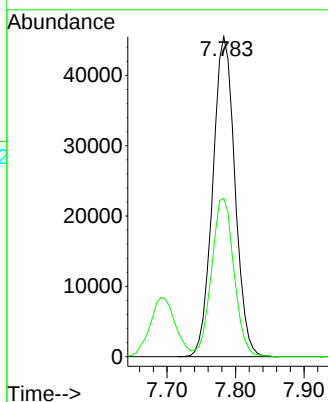
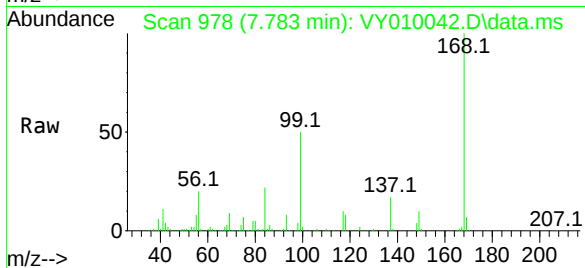
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

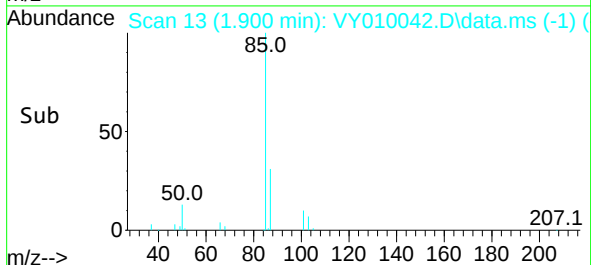
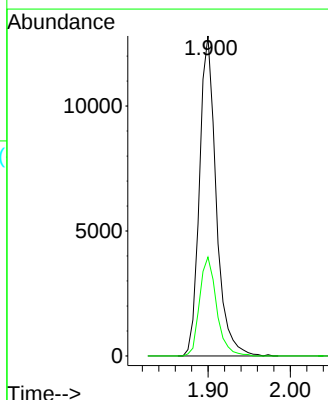
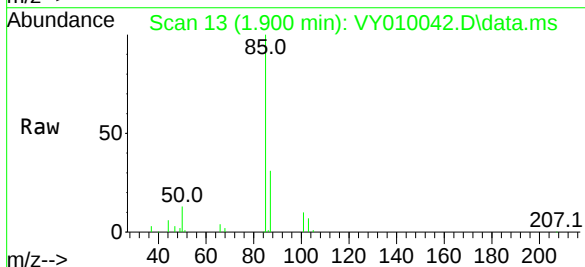
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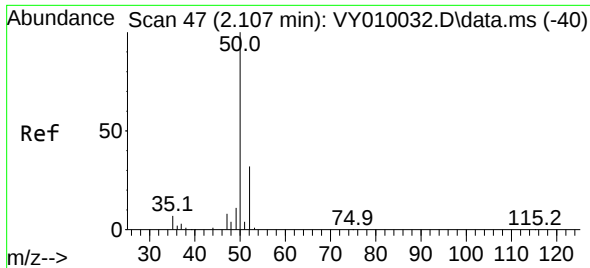
Tgt Ion:168 Resp: 102275
Ion Ratio Lower Upper
168 100
99 49.5 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 21.642 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 85 Resp: 18119
Ion Ratio Lower Upper
85 100
87 30.9 16.9 50.7

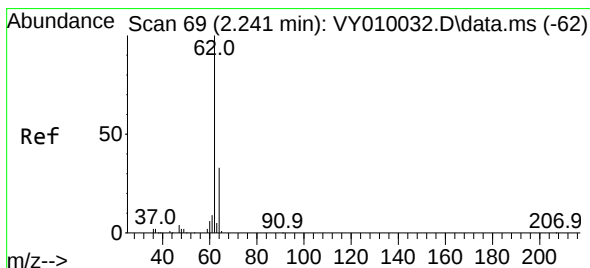
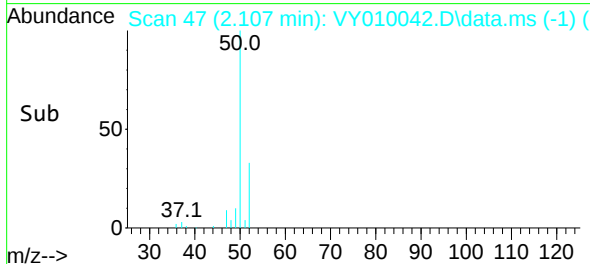
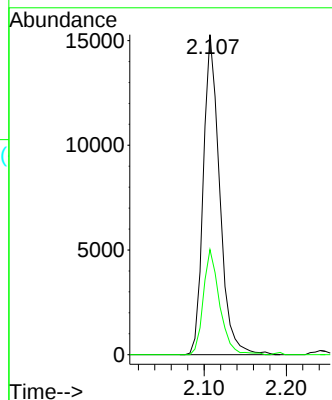
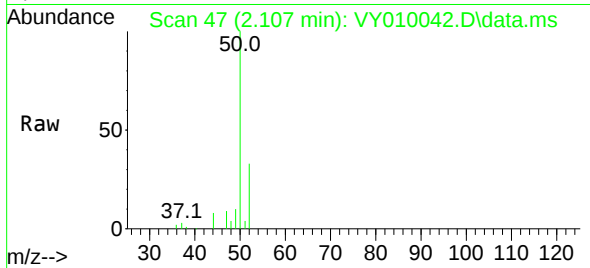




#3
Chloromethane
Concen: 17.838 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

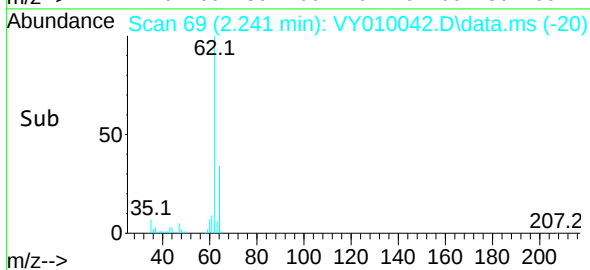
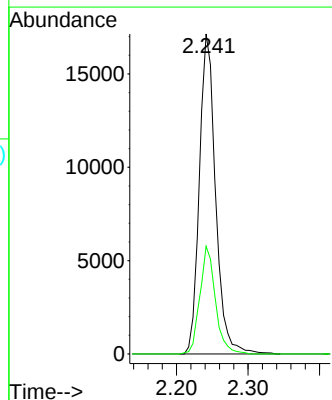
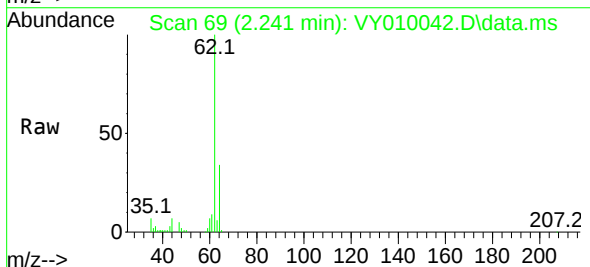
Instrument :
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ClientSampleId :
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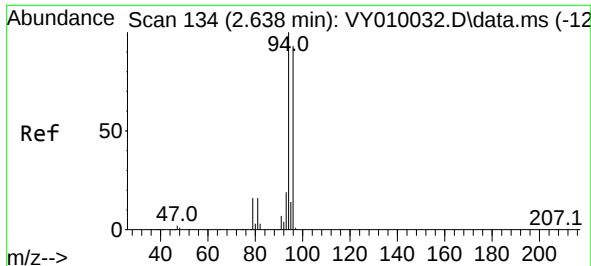
Tgt Ion: 50 Resp: 21099
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 18.541 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 62 Resp: 26970
Ion Ratio Lower Upper
62 100
64 33.7 26.6 39.8

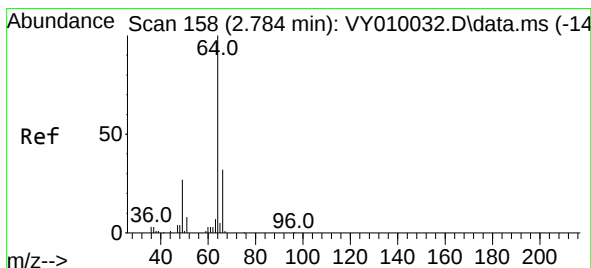
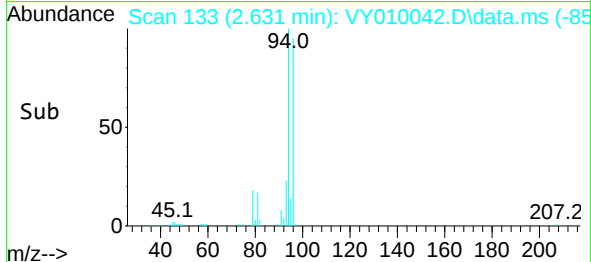
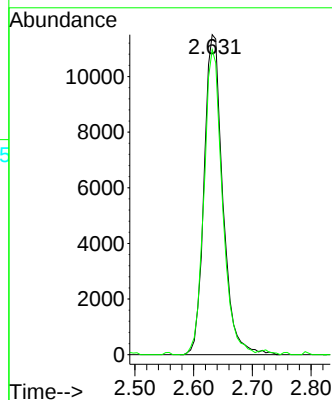
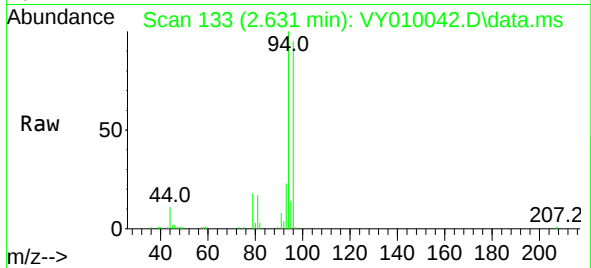




#5
Bromomethane
Concen: 22.550 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

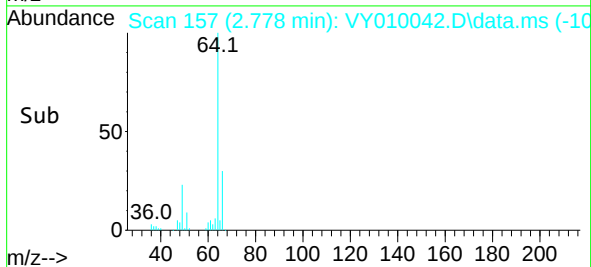
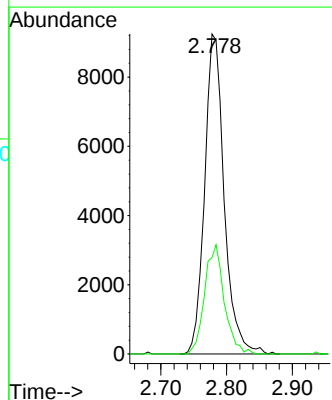
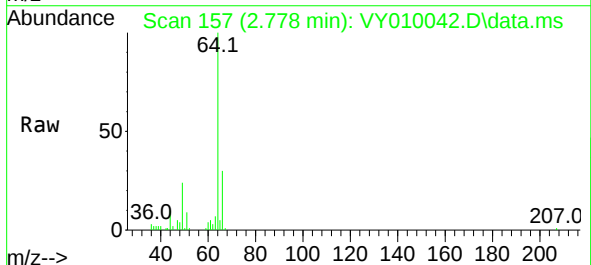
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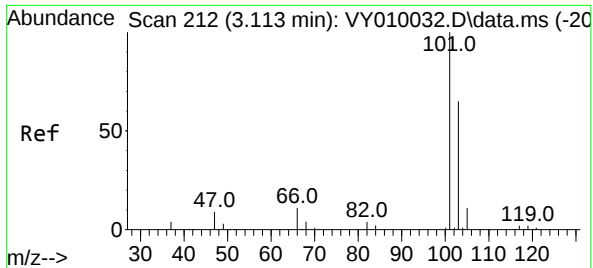
Tgt Ion: 94 Resp: 25459
Ion Ratio Lower Upper
94 100
96 95.3 74.2 111.2



#6
Chloroethane
Concen: 19.070 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 64 Resp: 19104
Ion Ratio Lower Upper
64 100
66 30.1 26.0 39.0

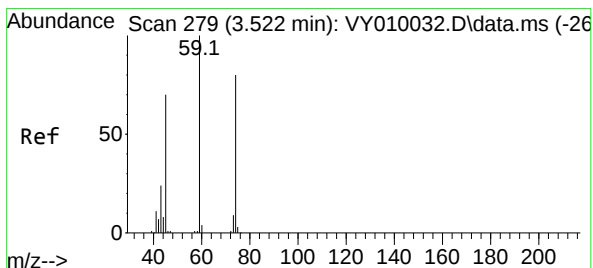
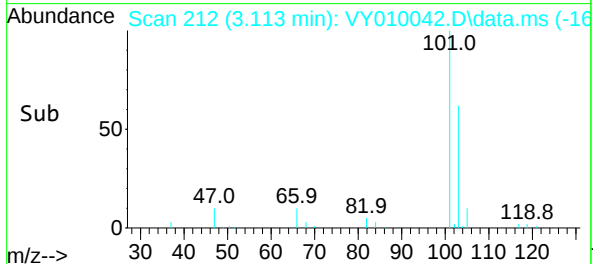
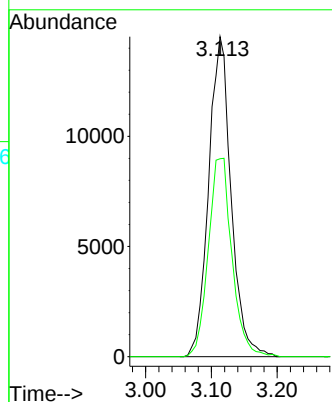
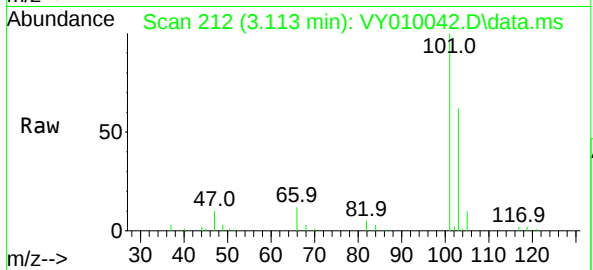




#7
 Trichlorofluoromethane
 Concen: 19.945 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

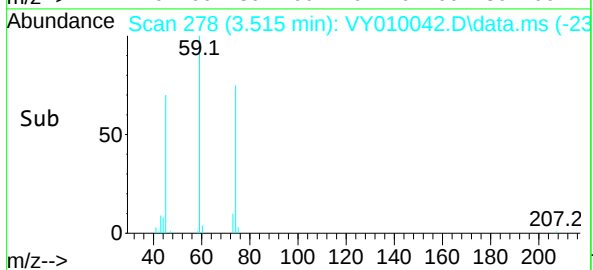
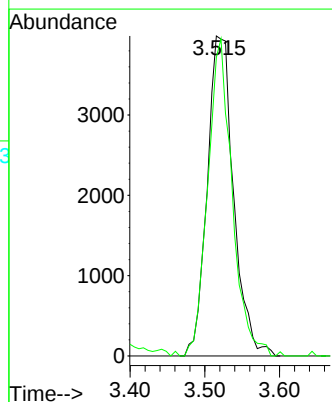
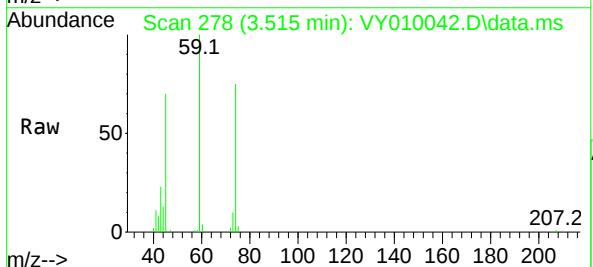
Instrument :
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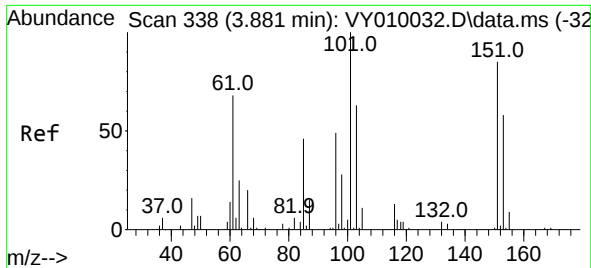
Tgt Ion:101 Resp: 34463
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.1 78.1



#8
 Diethyl Ether
 Concen: 20.202 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.007 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

Tgt Ion: 74 Resp: 9777
 Ion Ratio Lower Upper
 74 100
 45 91.5 46.4 139.1

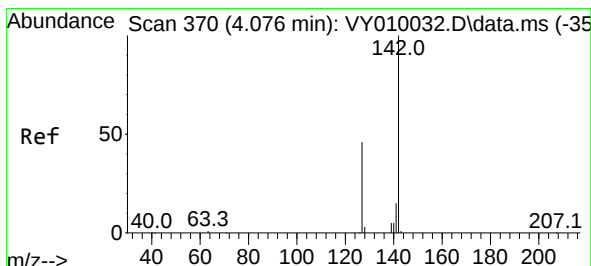
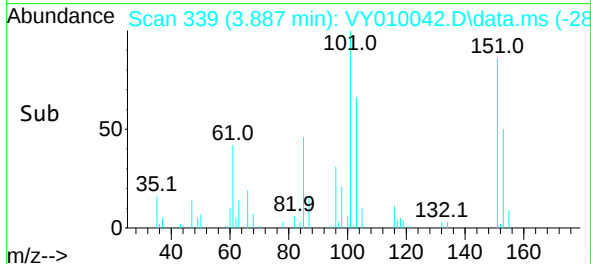
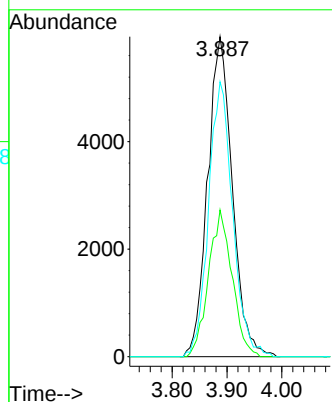
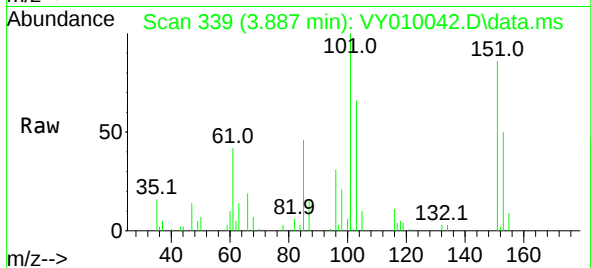




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.341 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010042.D
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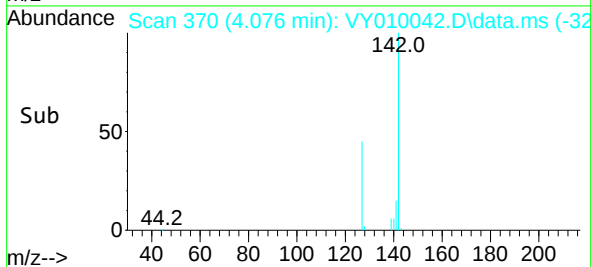
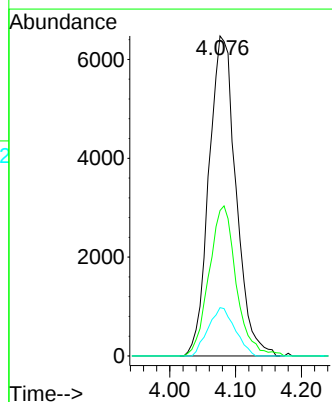
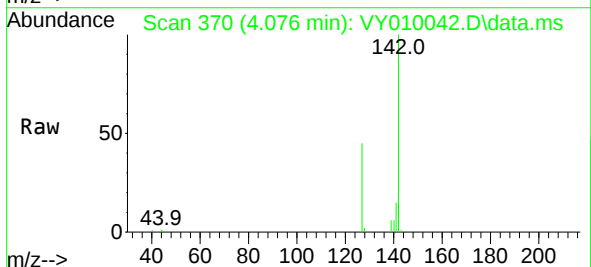
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

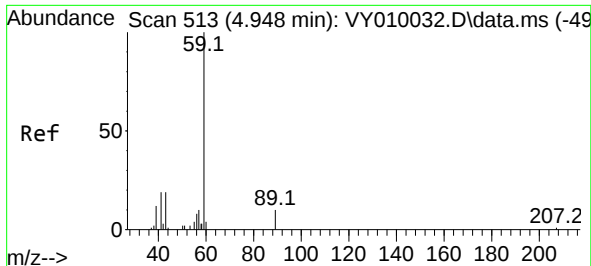
Tgt Ion:101 Resp: 18639
Ion Ratio Lower Upper
101 100
85 43.7 35.6 53.4
151 83.9 68.6 102.8



#10
Methyl Iodide
Concen: 17.086 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:142 Resp: 18532
Ion Ratio Lower Upper
142 100
127 47.1 37.9 56.9
141 15.0 11.6 17.4

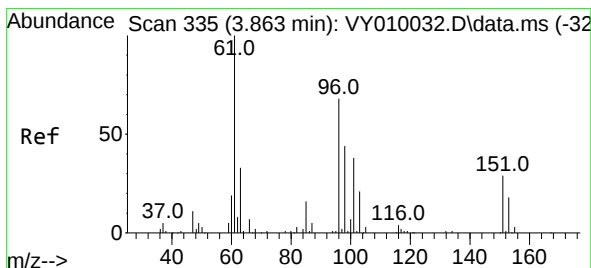
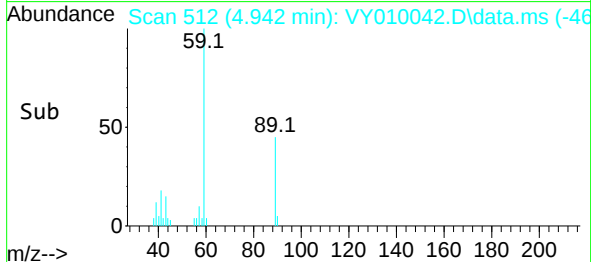
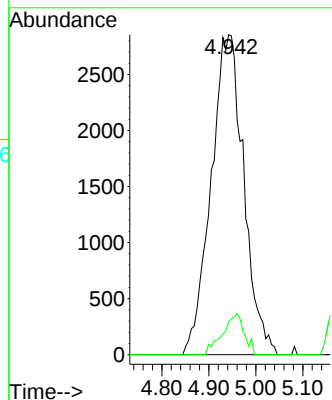
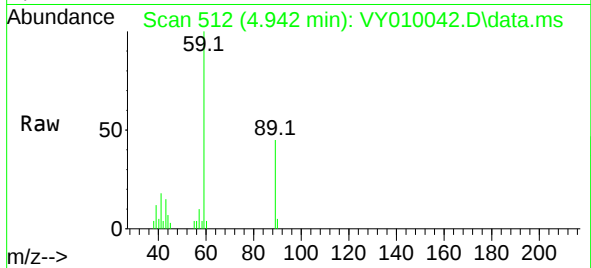




#11
Tert butyl alcohol
Concen: 147.838 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

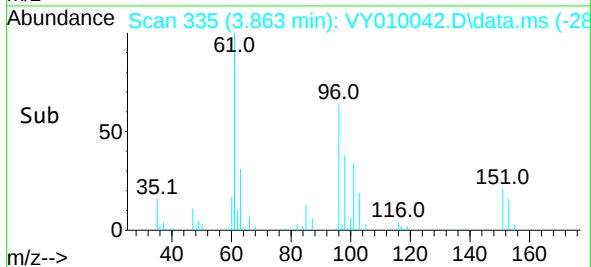
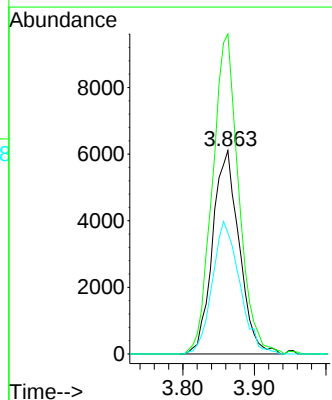
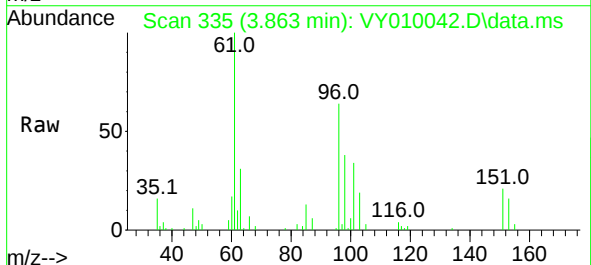
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

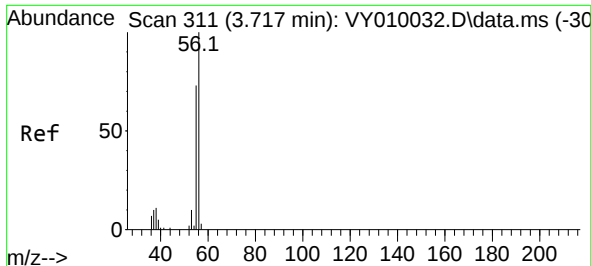
Tgt Ion: 59 Resp: 13810
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.819 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 96 Resp: 15782
Ion Ratio Lower Upper
96 100
61 157.4 117.8 176.8
98 59.5 51.9 77.9





#13

Acrolein

Concen: 114.138 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

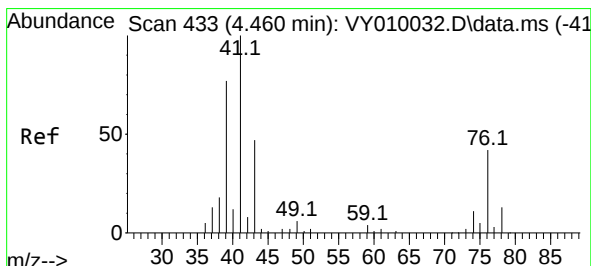
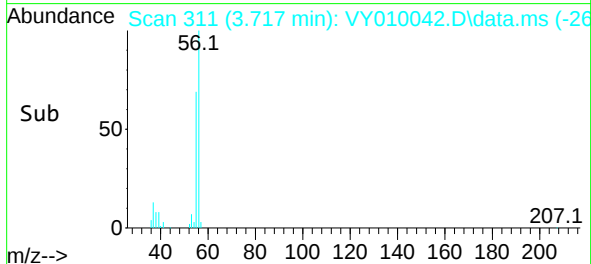
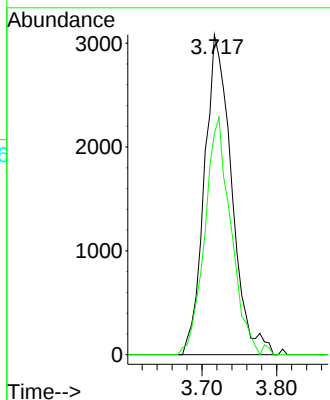
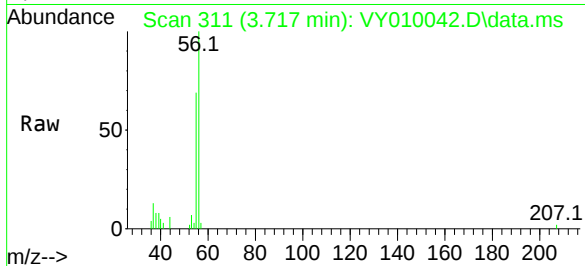
VY0816SBS01

Tgt Ion: 56 Resp: 7791

Ion Ratio Lower Upper

56 100

55 71.1 59.4 89.0



#14

Allyl chloride

Concen: 18.529 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

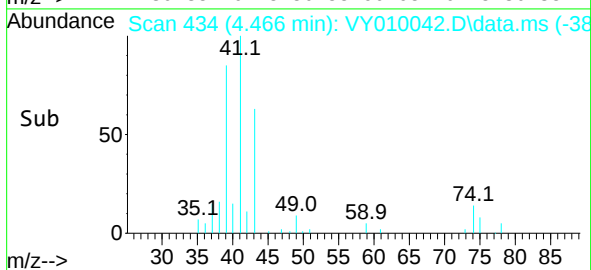
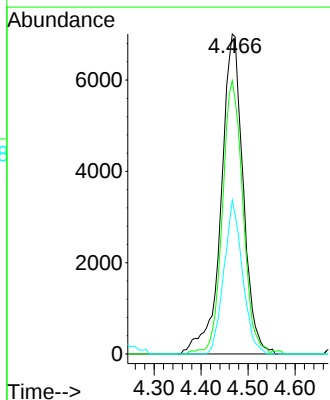
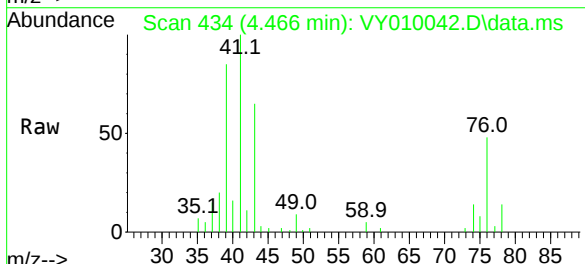
Tgt Ion: 41 Resp: 22837

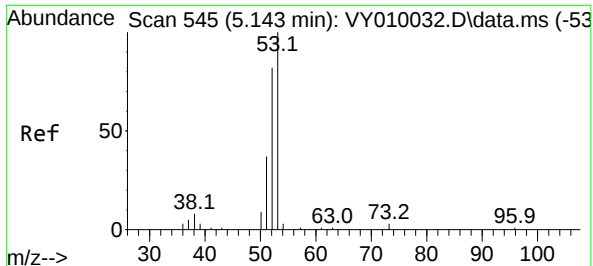
Ion Ratio Lower Upper

41 100

39 79.5 63.2 94.8

76 40.4 32.7 49.1

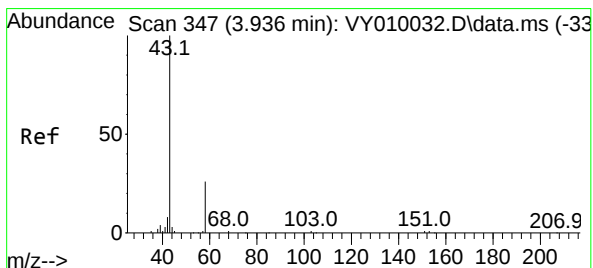
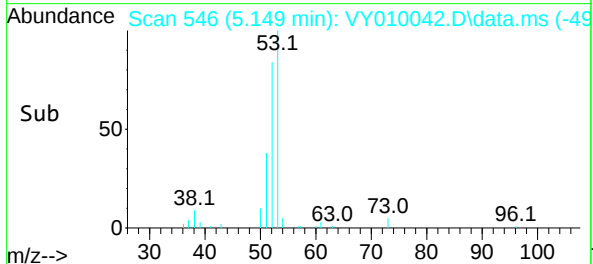
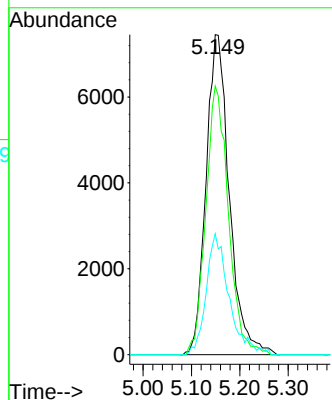
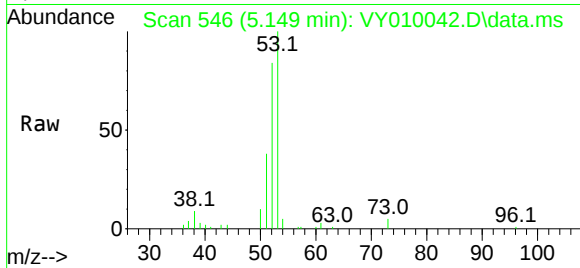




#15
Acrylonitrile
Concen: 109.183 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

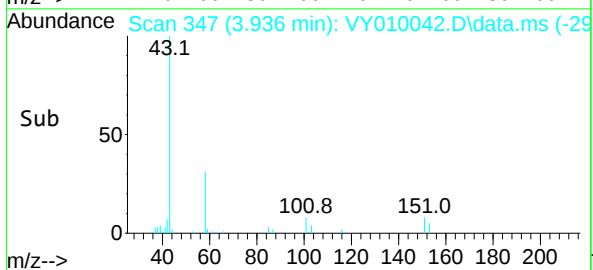
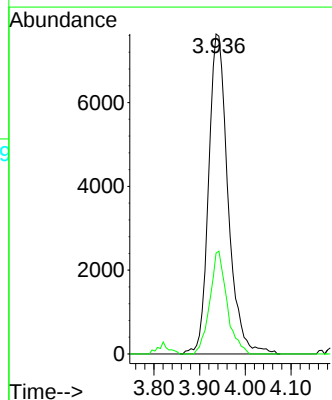
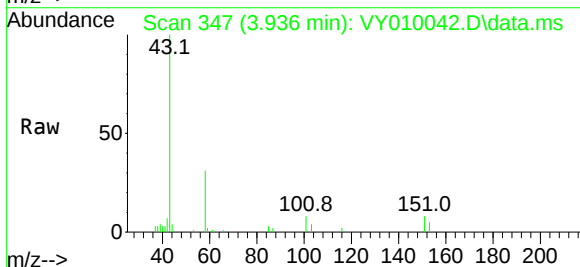
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

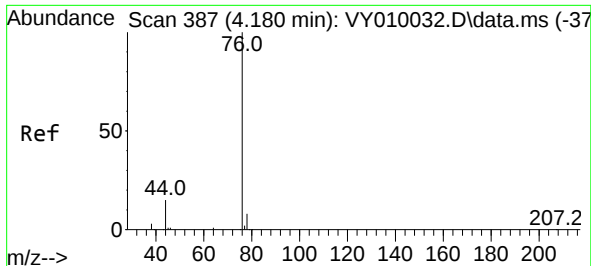
Tgt Ion: 53	Resp:	24915
Ion	Ratio	Lower Upper
53	100	
52	81.6	65.1 97.7
51	37.2	30.2 45.4



#16
Acetone
Concen: 102.660 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 43	Resp:	22486
Ion	Ratio	Lower Upper
43	100	
58	31.5	21.4 32.0





#17

Carbon Disulfide

Concen: 16.329 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

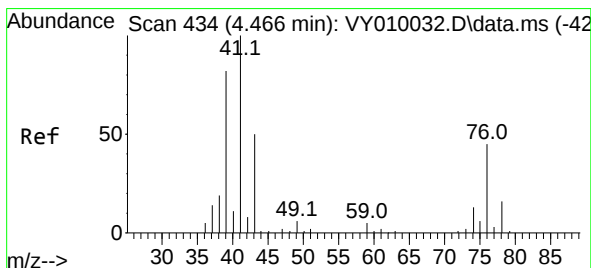
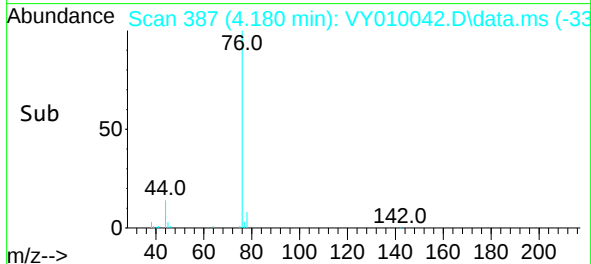
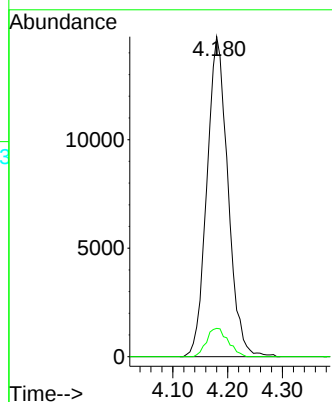
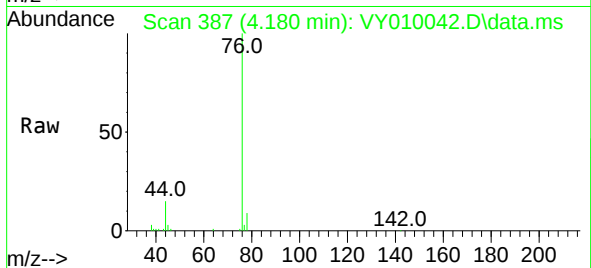
VY0816SBS01

Tgt Ion: 76 Resp: 39224

Ion Ratio Lower Upper

76 100

78 8.9 6.7 10.1



#18

Methyl Acetate

Concen: 22.789 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010042.D

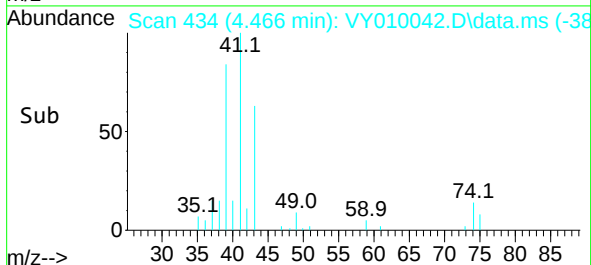
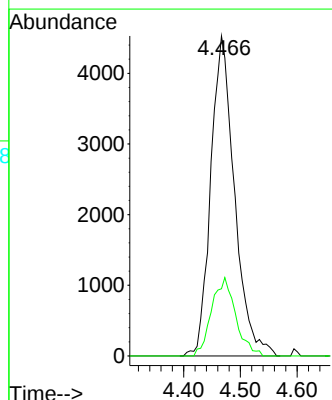
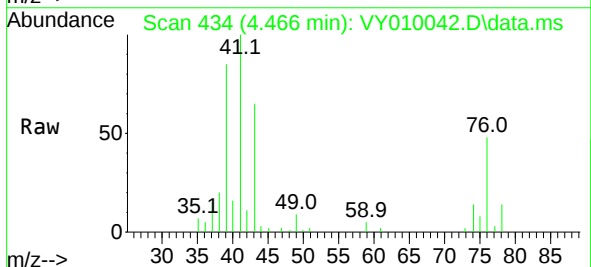
Acq: 16 Aug 2022 14:28

Tgt Ion: 43 Resp: 13172

Ion Ratio Lower Upper

43 100

74 24.8 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 20.800 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

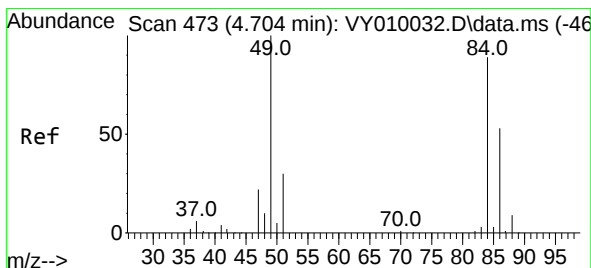
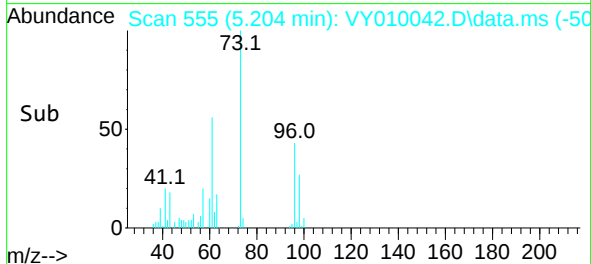
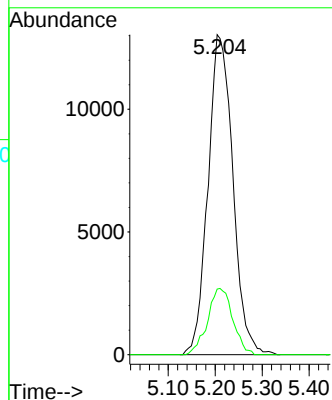
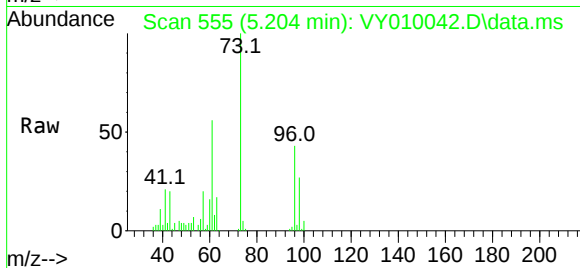
VY0816SBS01

Tgt Ion: 73 Resp: 47929

Ion Ratio Lower Upper

73 100

57 20.5 15.4 23.0



#20

Methylene Chloride

Concen: 23.036 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Tgt Ion: 84 Resp: 25183

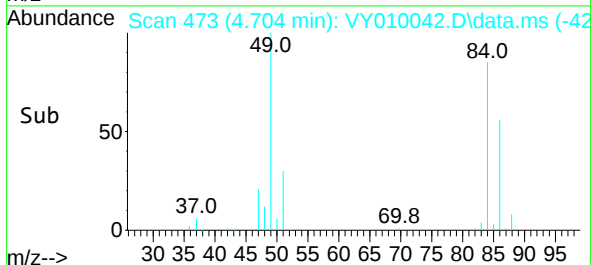
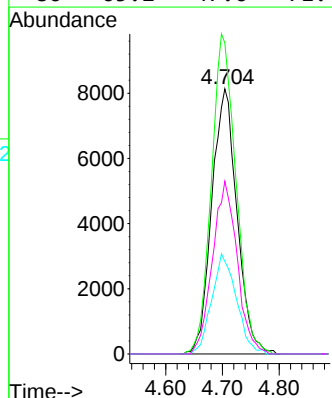
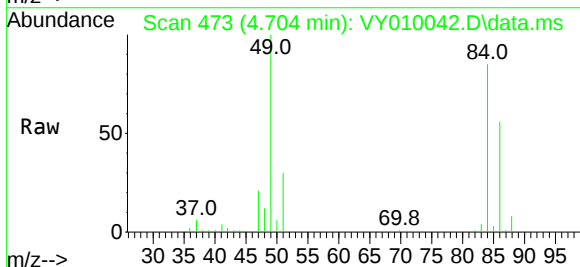
Ion Ratio Lower Upper

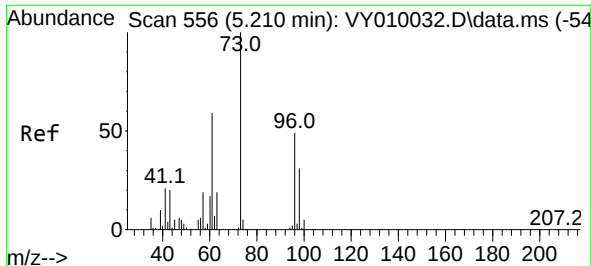
84 100

49 117.3 89.5 134.3

51 34.9 26.8 40.2

86 65.2 47.6 71.4

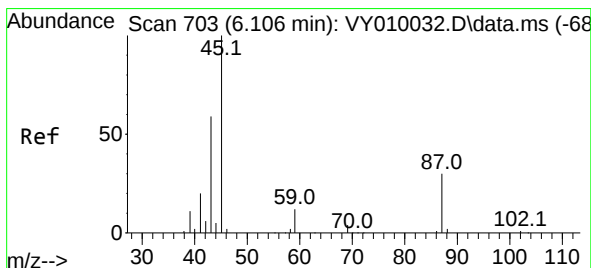
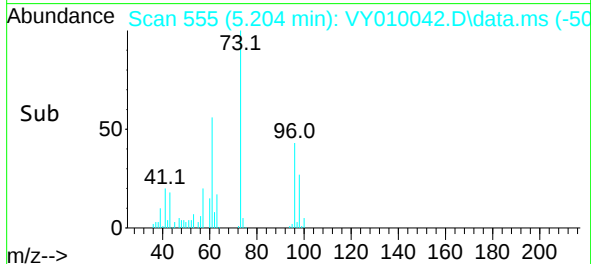
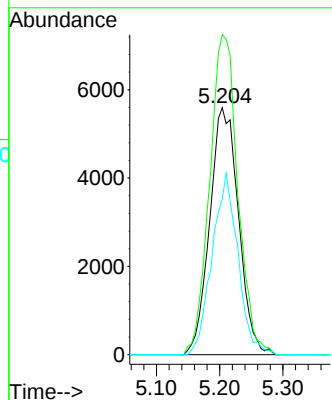
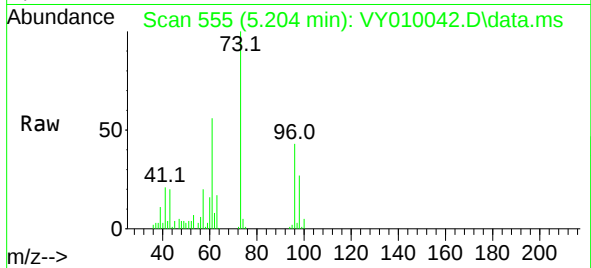




#21
trans-1,2-Dichloroethene
Concen: 18.321 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

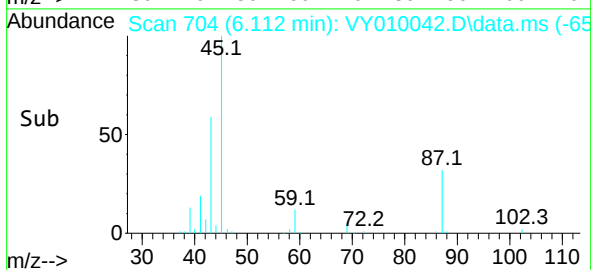
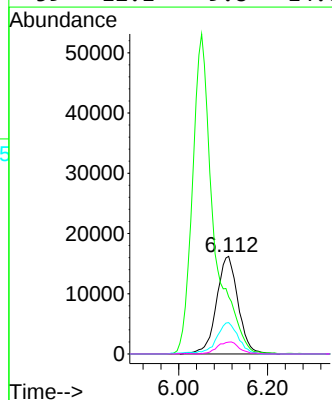
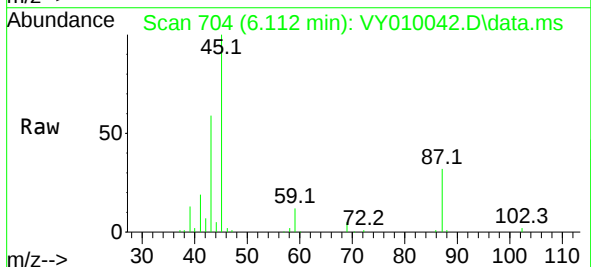
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

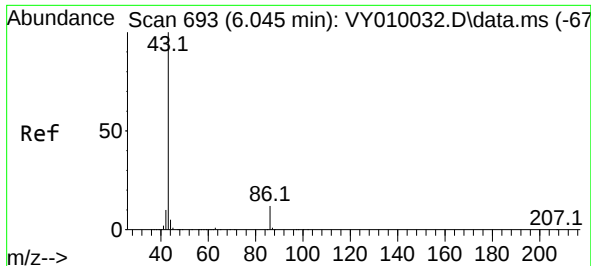
Tgt Ion: 96 Resp: 17670
Ion Ratio Lower Upper
96 100
61 129.5 96.8 145.2
98 63.0 51.0 76.4



#22
Diisopropyl ether
Concen: 22.455 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 45 Resp: 54433
Ion Ratio Lower Upper
45 100
43 58.1 47.5 71.3
87 32.2 24.4 36.6
59 12.1 9.8 14.6

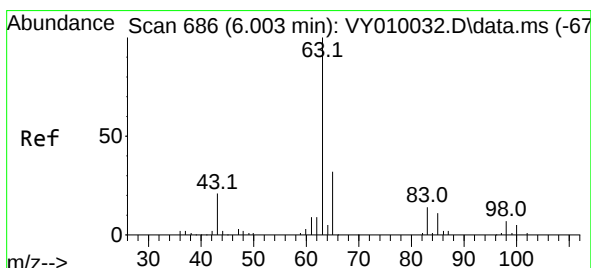
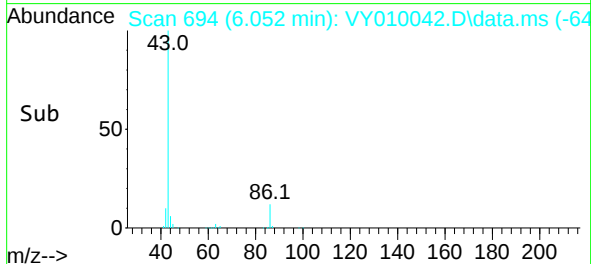
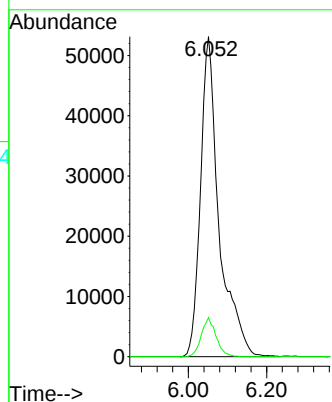
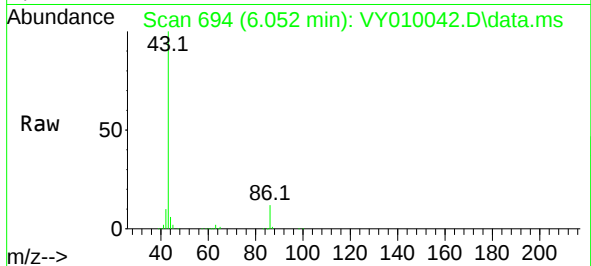




#23
 Vinyl Acetate
 Concen: 114.456 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

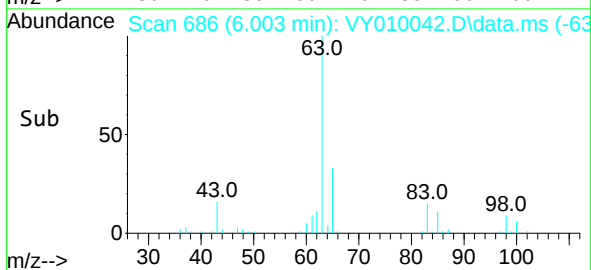
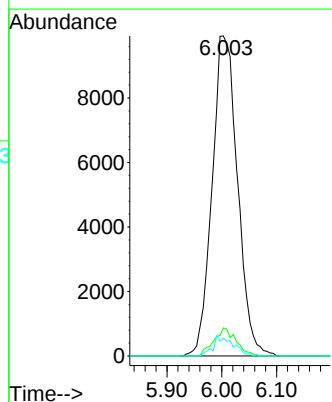
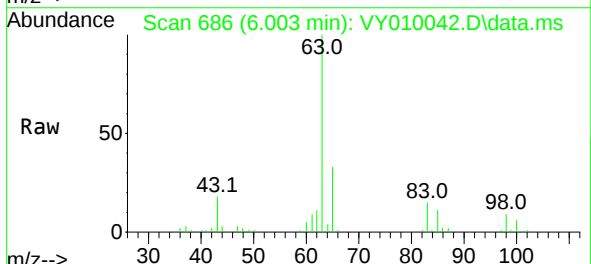
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

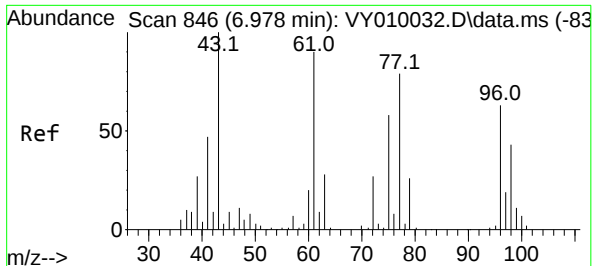
Tgt Ion: 43 Resp: 175077
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.783 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

Tgt Ion: 63 Resp: 31996
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.7 11.1
 100 5.5 2.3 6.8





#25

2-Butanone

Concen: 120.668 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

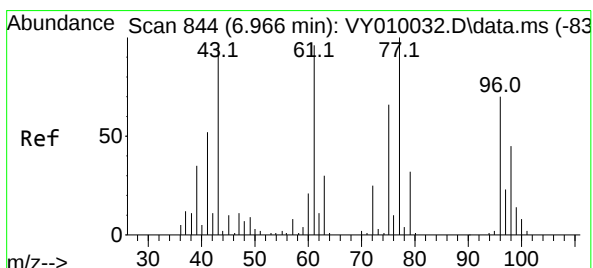
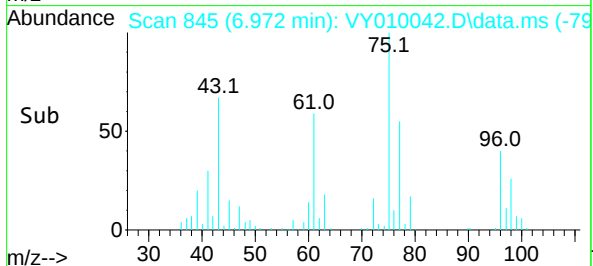
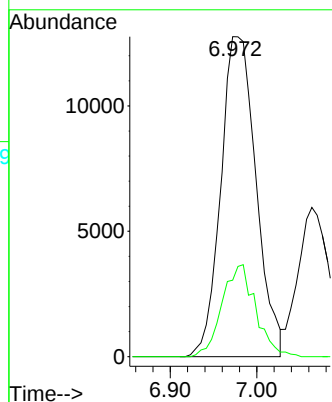
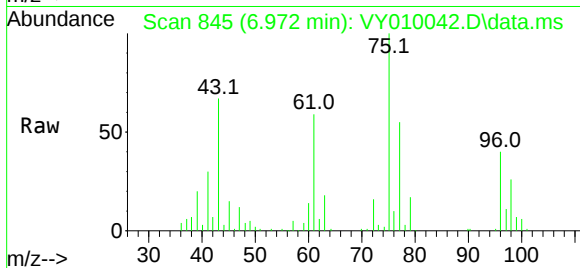
VY0816SBS01

Tgt Ion: 43 Resp: 36158

Ion Ratio Lower Upper

43 100

72 23.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 19.681 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010042.D

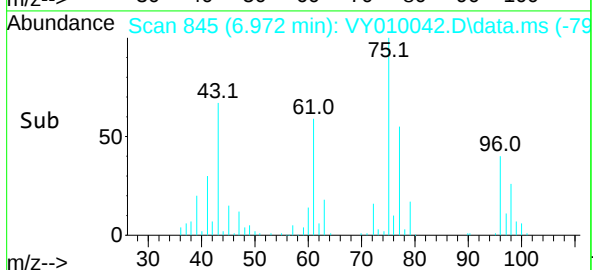
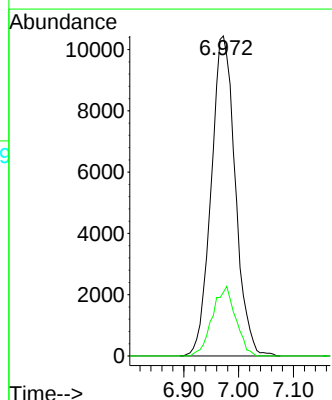
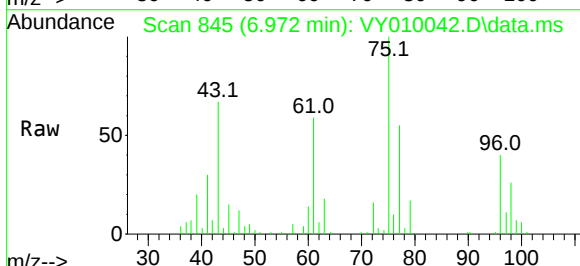
Acq: 16 Aug 2022 14:28

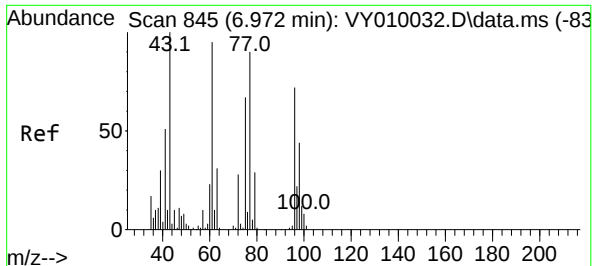
Tgt Ion: 77 Resp: 31844

Ion Ratio Lower Upper

77 100

97 21.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.533 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

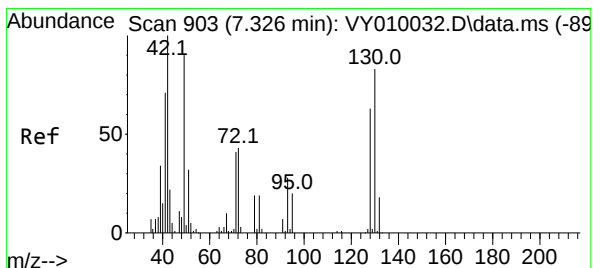
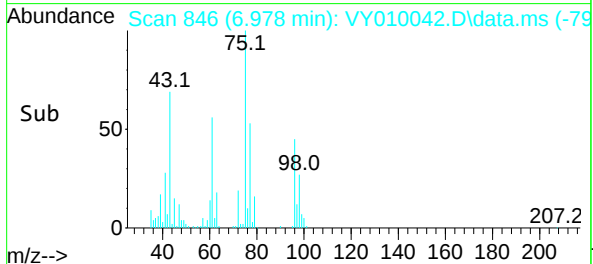
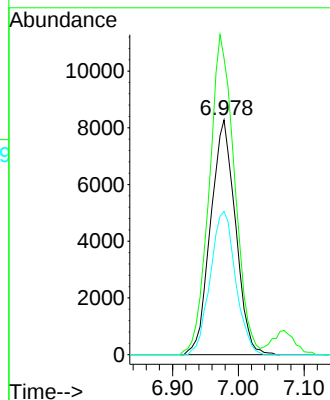
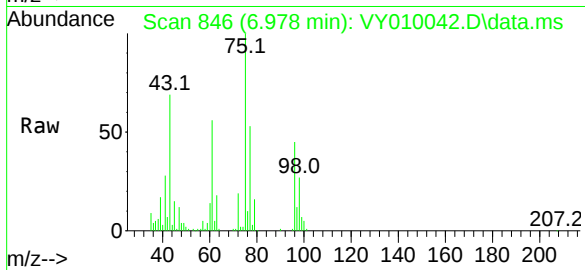
Tgt Ion: 96 Resp: 21777

Ion Ratio Lower Upper

96 100

61 139.0 0.0 276.0

98 62.2 0.0 128.4



#28

Bromochloromethane

Concen: 18.949 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

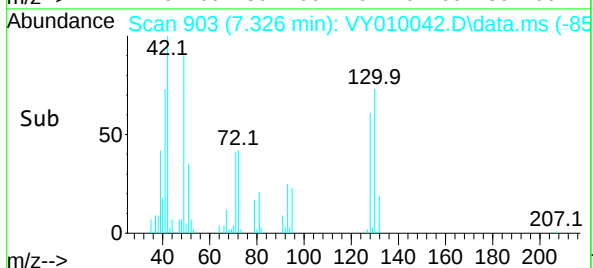
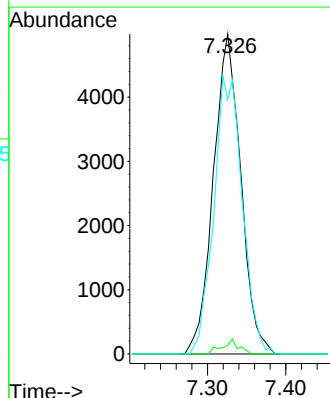
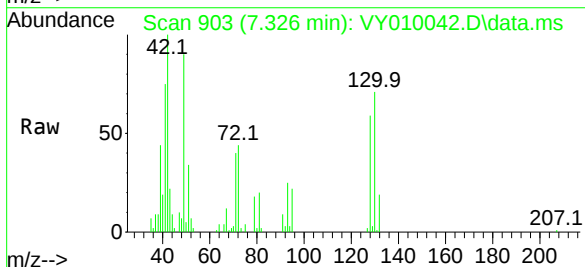
Tgt Ion: 49 Resp: 12139

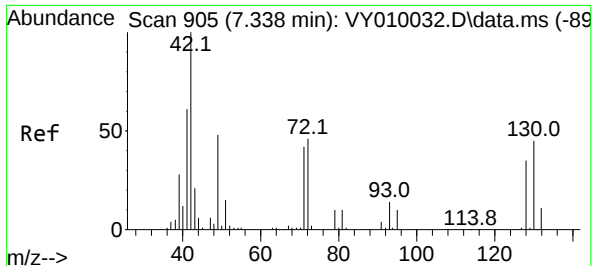
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 90.1 71.0 106.4





#29

Tetrahydrofuran

Concen: 105.220 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

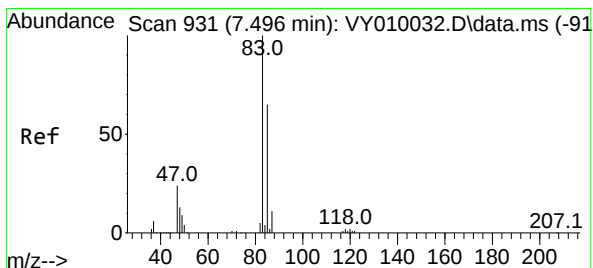
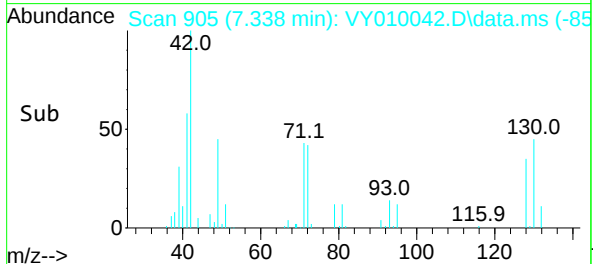
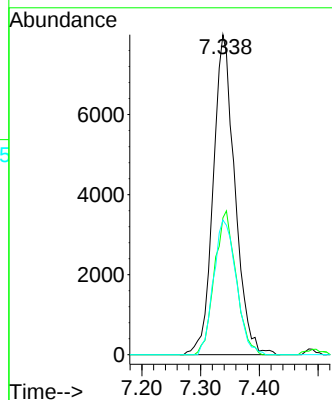
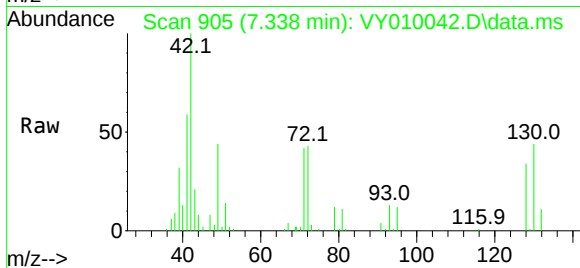
Tgt Ion: 42 Resp: 20479

Ion Ratio Lower Upper

42 100

72 44.9 36.5 54.7

71 44.1 33.4 50.2



#30

Chloroform

Concen: 19.129 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010042.D

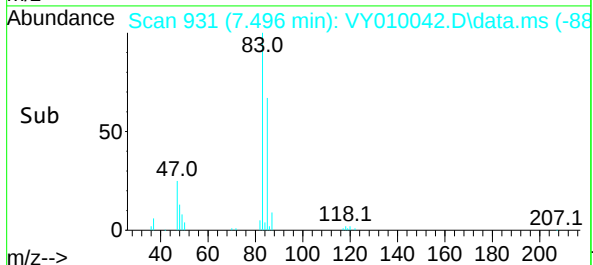
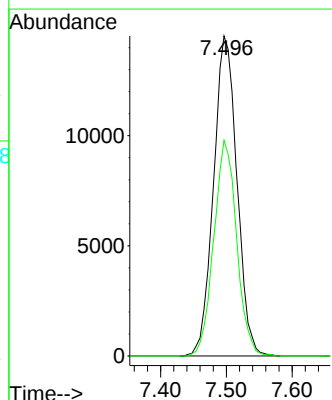
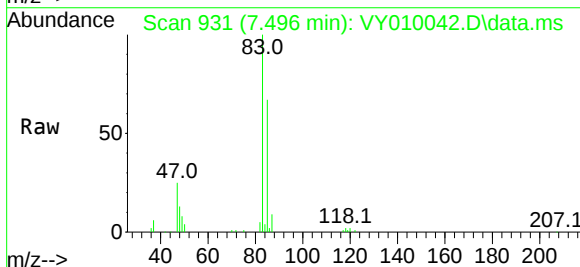
Acq: 16 Aug 2022 14:28

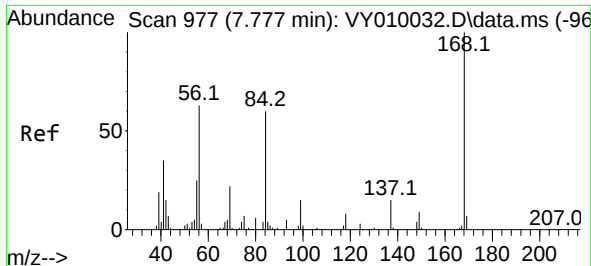
Tgt Ion: 83 Resp: 36016

Ion Ratio Lower Upper

83 100

85 67.3 51.9 77.9

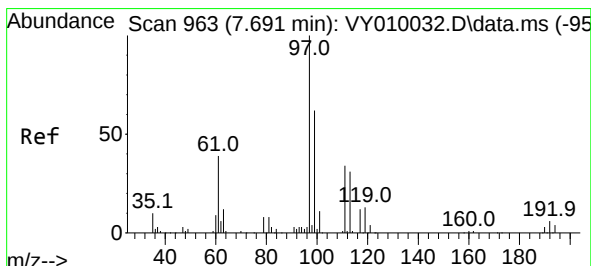
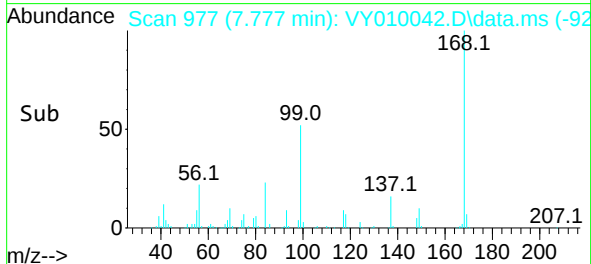
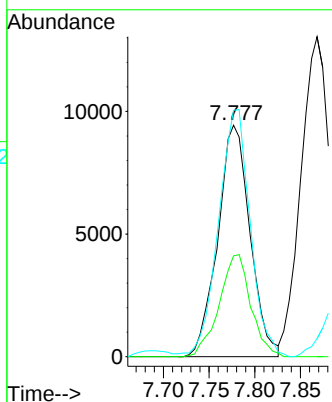
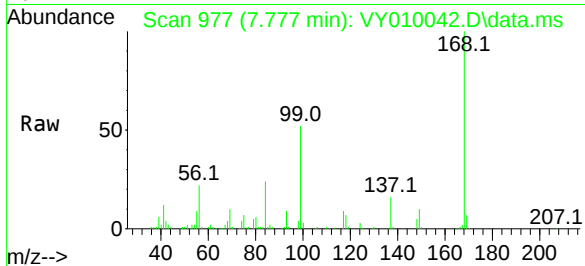




#31
Cyclohexane
Concen: 16.038 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

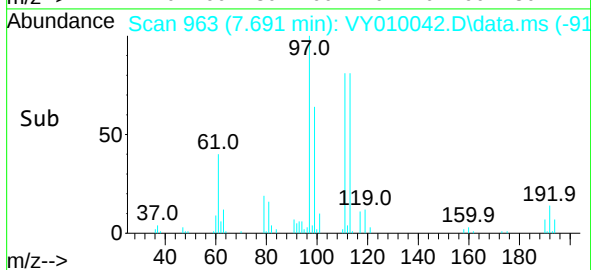
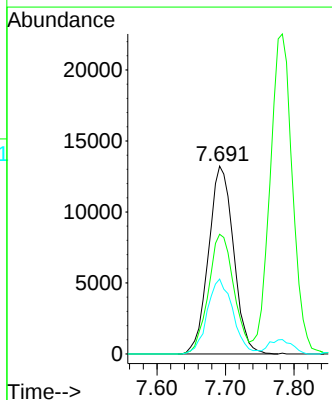
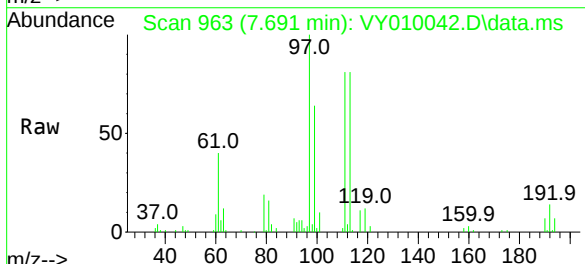
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

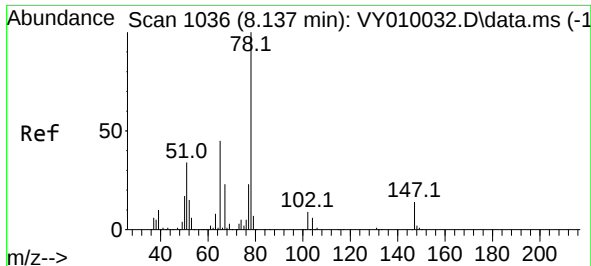
Tgt Ion: 56 Resp: 23173
Ion Ratio Lower Upper
56 100
69 43.5 28.6 43.0#
84 105.2 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 19.630 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 97 Resp: 33503
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 41.0 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 49.503 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.001 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

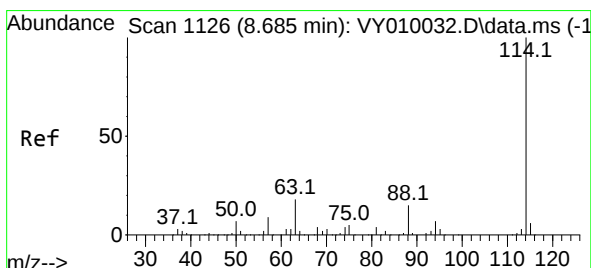
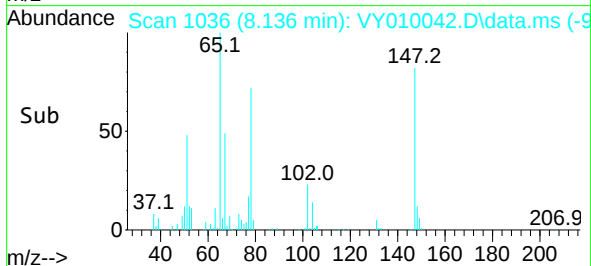
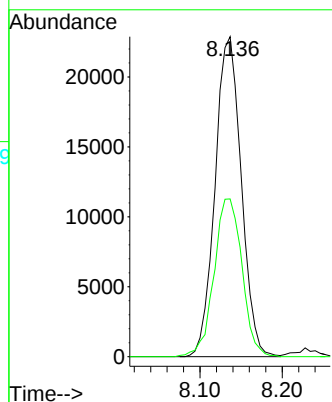
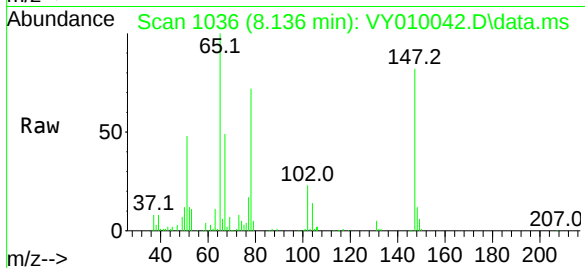
VY0816SBS01

Tgt Ion: 65 Resp: 50622

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

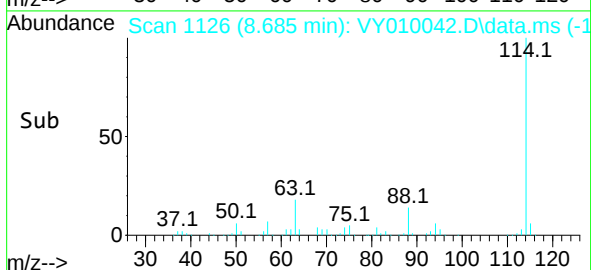
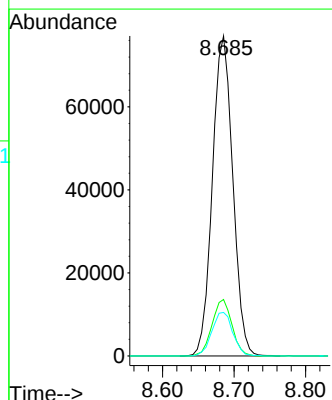
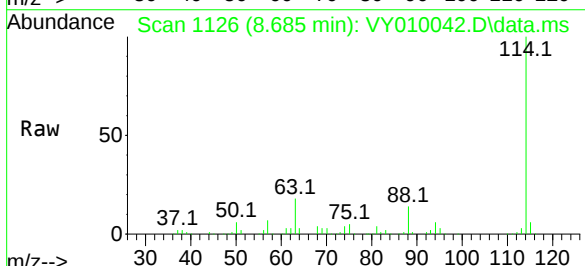
Tgt Ion: 114 Resp: 152586

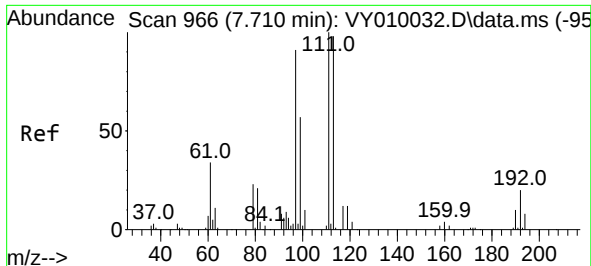
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

88 13.6 0.0 30.2

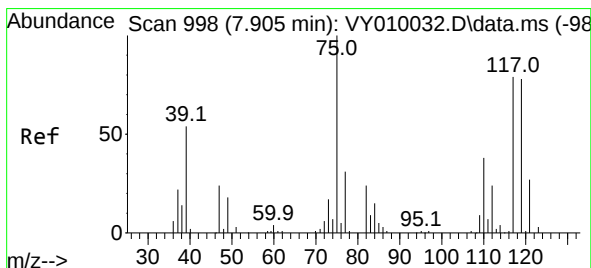
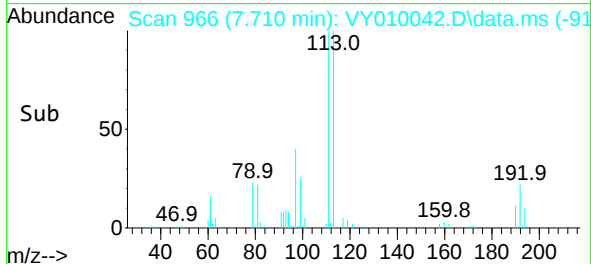
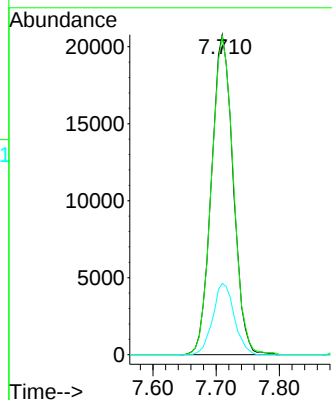
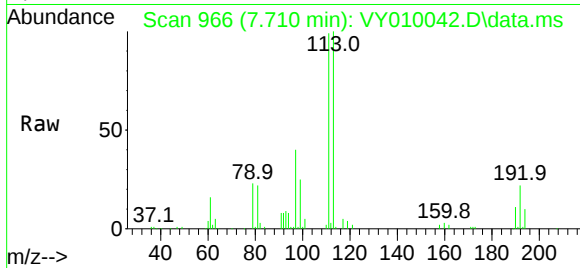




#35
Dibromofluoromethane
Concen: 49.922 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

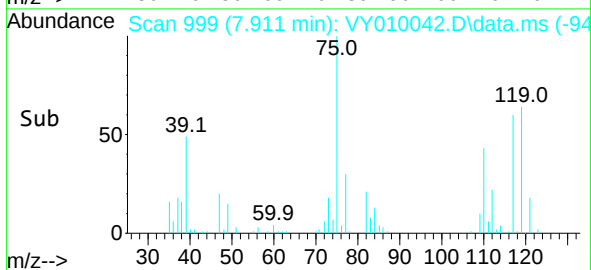
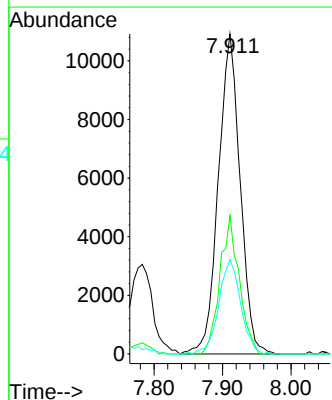
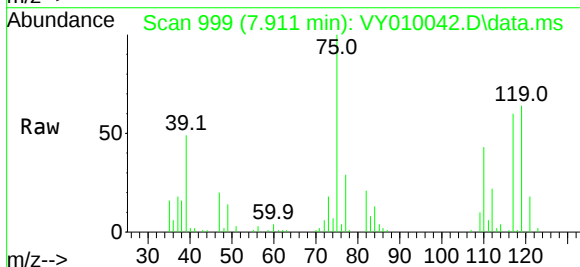
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

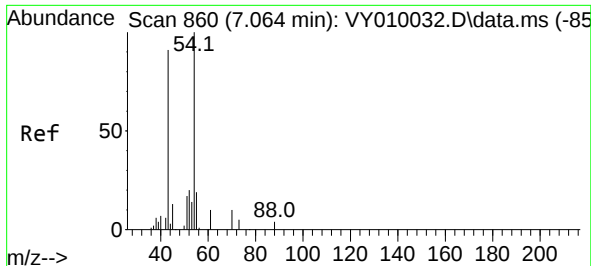
Tgt Ion:113 Resp: 49399
Ion Ratio Lower Upper
113 100
111 100.1 82.7 124.1
192 22.0 17.2 25.8



#36
1,1-Dichloropropene
Concen: 17.451 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 75 Resp: 24056
Ion Ratio Lower Upper
75 100
110 38.3 18.4 55.4
77 29.8 24.6 36.8





#37

Ethyl Acetate

Concen: 22.993 ug/l

RT: 7.064 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

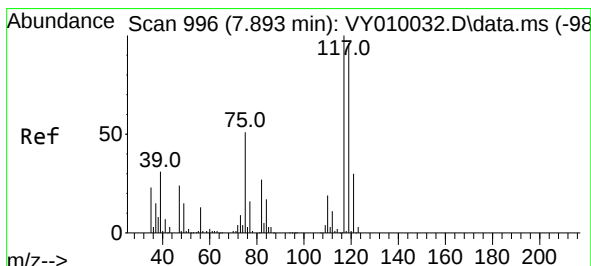
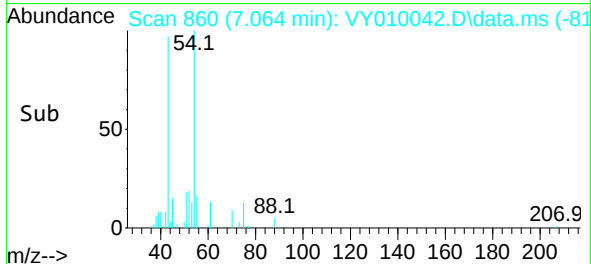
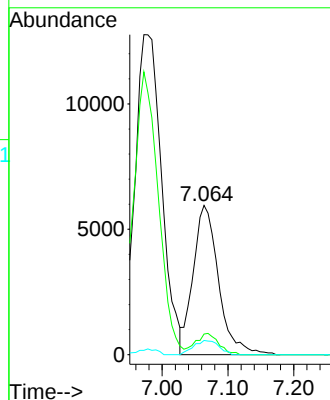
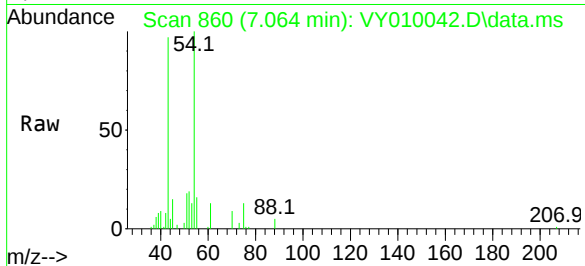
Tgt Ion: 43 Resp: 15961

Ion Ratio Lower Upper

43 100

61 13.0 9.6 14.4

70 9.4 7.9 11.9



#38

Carbon Tetrachloride

Concen: 18.896 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

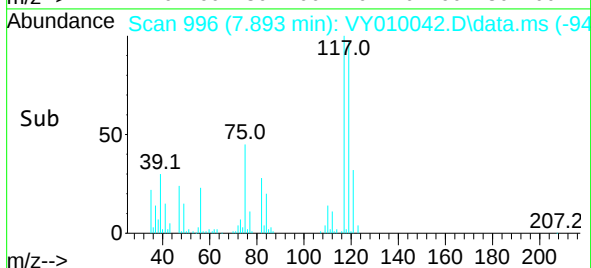
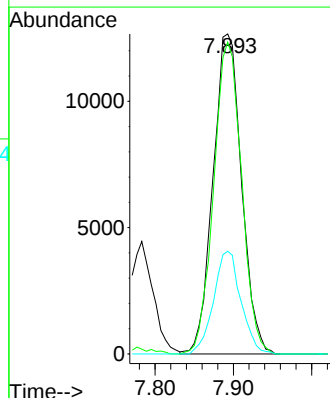
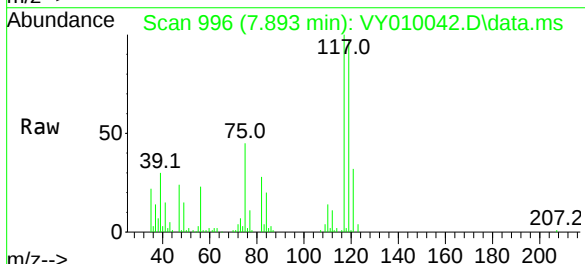
Tgt Ion: 117 Resp: 32035

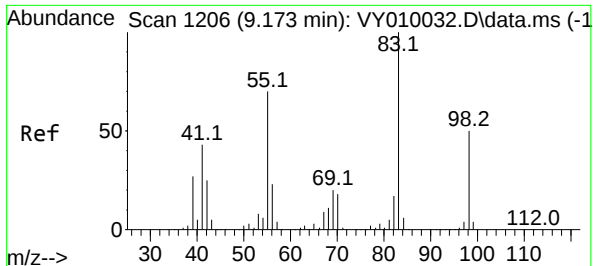
Ion Ratio Lower Upper

117 100

119 97.5 77.0 115.6

121 32.1 24.2 36.4





#39

Methylcyclohexane

Concen: 16.499 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

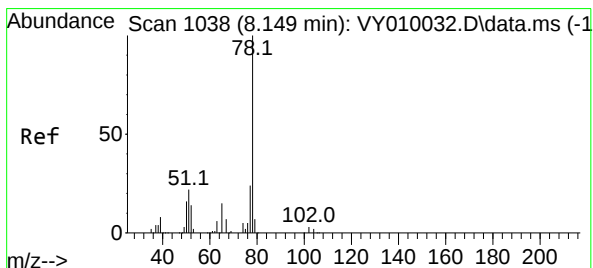
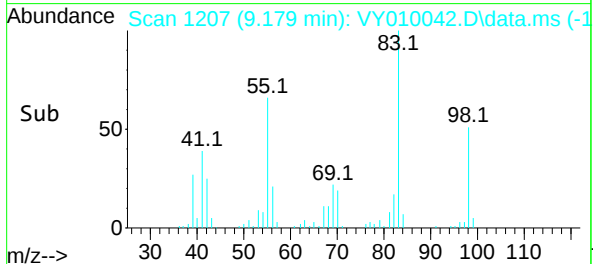
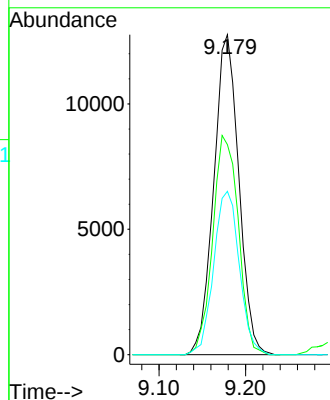
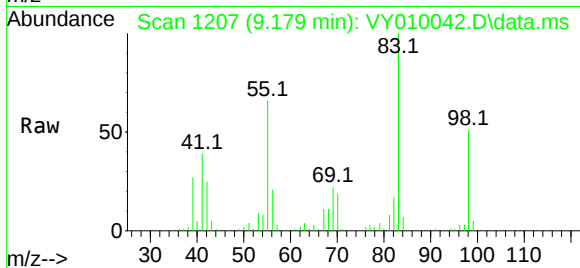
Tgt Ion: 83 Resp: 25625

Ion Ratio Lower Upper

83 100

55 65.6 56.3 84.5

98 51.1 39.8 59.8



#40

Benzene

Concen: 17.535 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010042.D

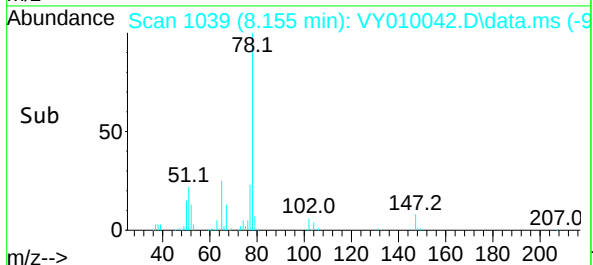
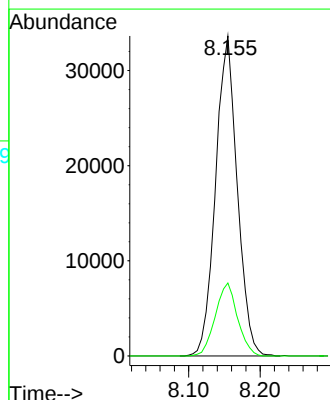
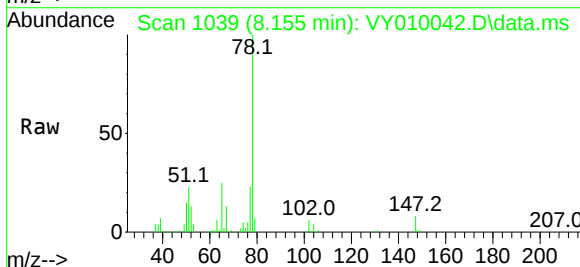
Acq: 16 Aug 2022 14:28

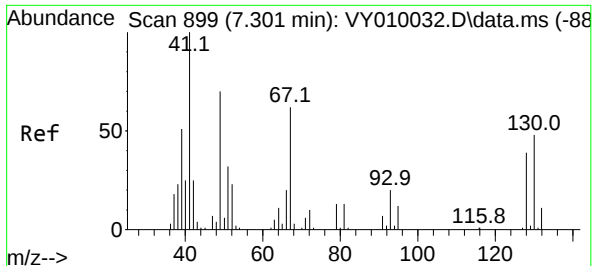
Tgt Ion: 78 Resp: 70713

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

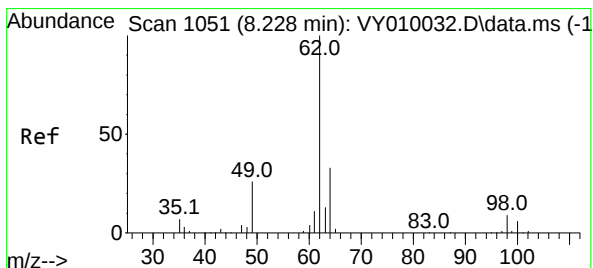
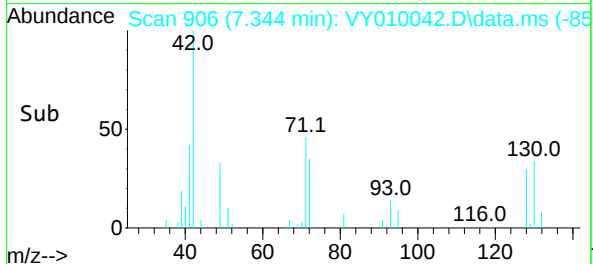
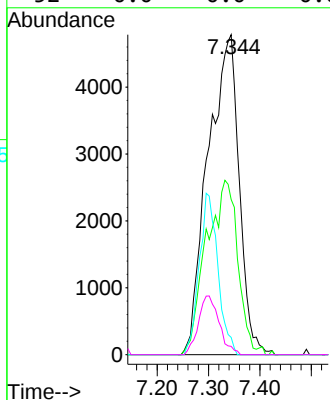
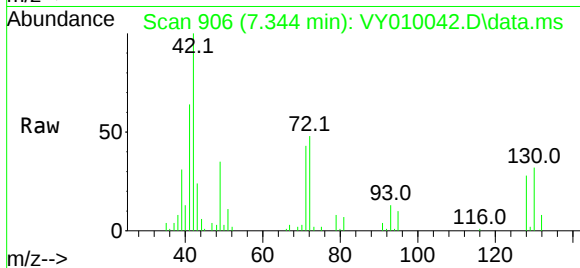




#41
Methacrylonitrile
Concen: 56.007 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

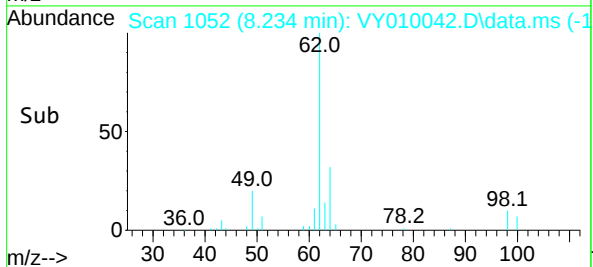
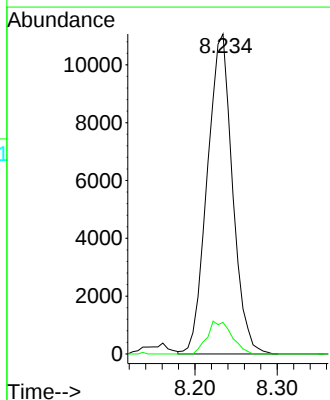
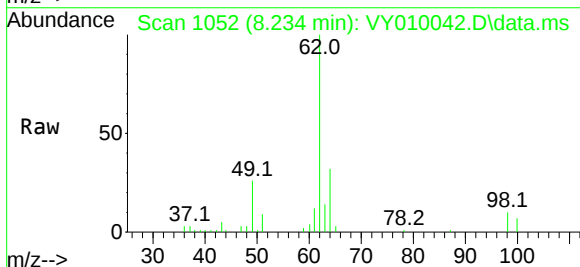
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

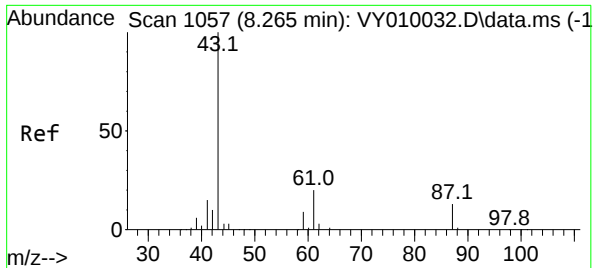
Tgt Ion: 41 Resp: 20082
Ion Ratio Lower Upper
41 100
39 55.2 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 18.788 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 62 Resp: 23608
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0

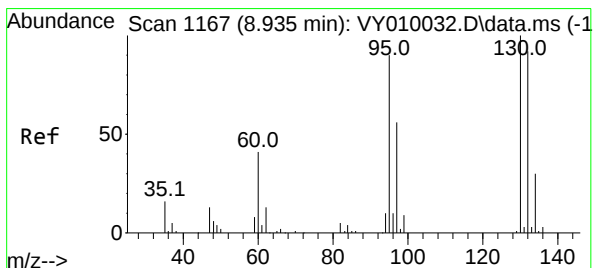
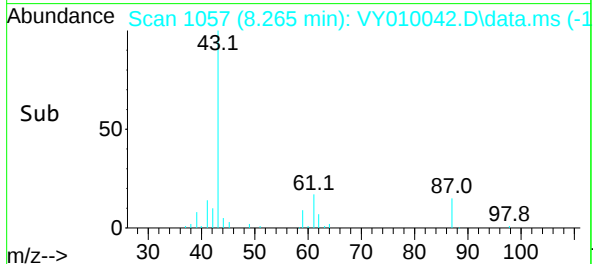
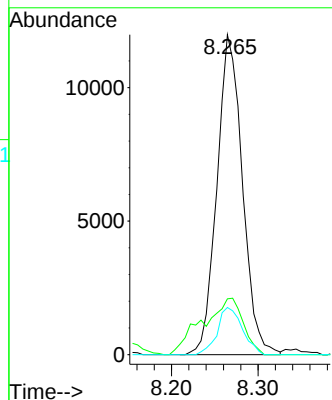
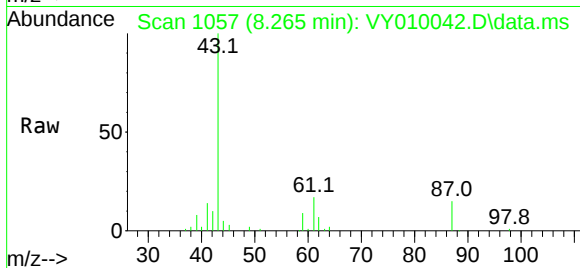




#43
Isopropyl Acetate
Concen: 18.612 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

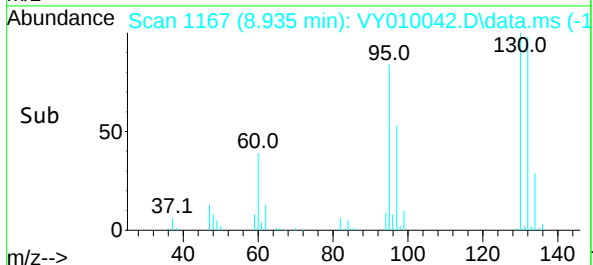
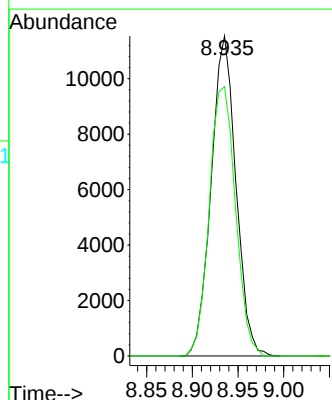
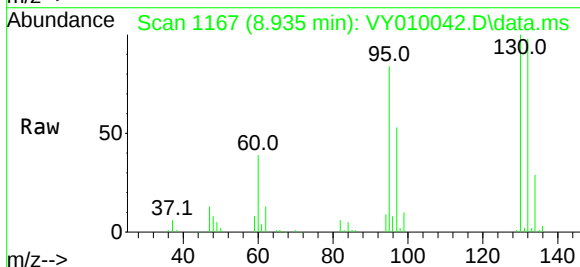
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

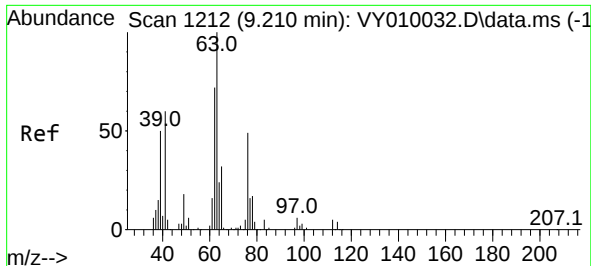
Tgt Ion: 43 Resp: 24524
Ion Ratio Lower Upper
43 100
61 28.1 23.0 34.6
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 17.838 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:130 Resp: 21742
Ion Ratio Lower Upper
130 100
95 84.2 0.0 180.0





#45

1,2-Dichloropropane

Concen: 17.250 ug/l

RT: 9.203 min Scan# 1211

Delta R.T. -0.007 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

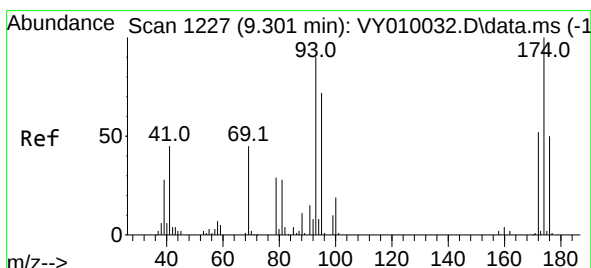
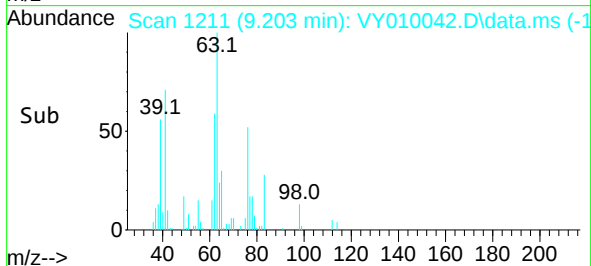
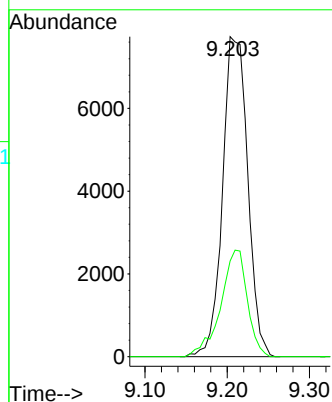
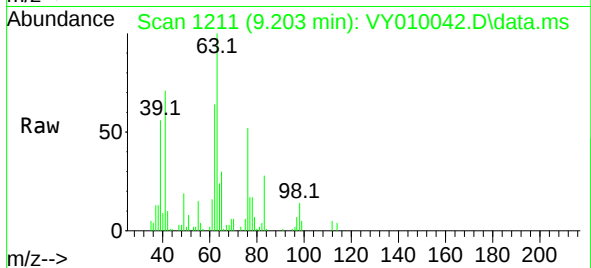
VY0816SBS01

Tgt Ion: 63 Resp: 16448

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.0



#46

Dibromomethane

Concen: 19.974 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

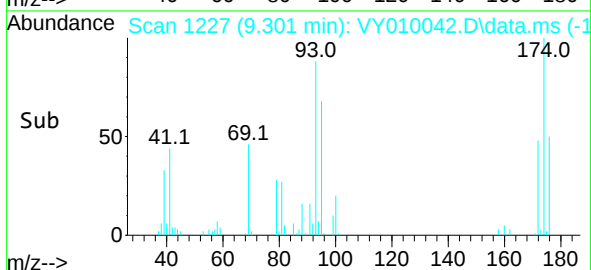
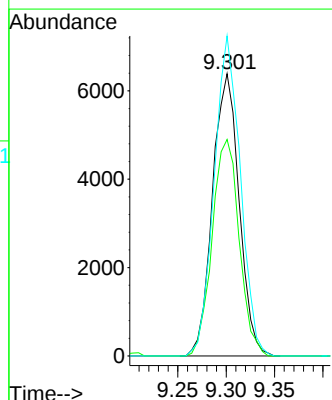
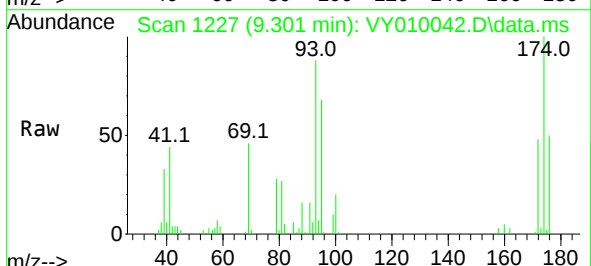
Tgt Ion: 93 Resp: 12198

Ion Ratio Lower Upper

93 100

95 77.9 66.5 99.7

174 111.6 89.5 134.3

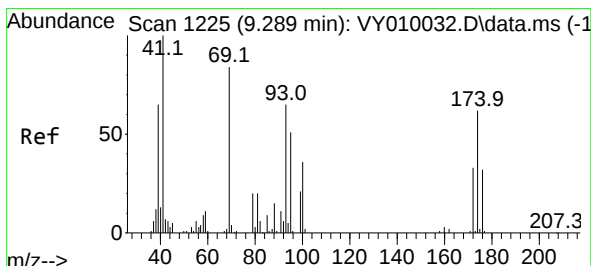
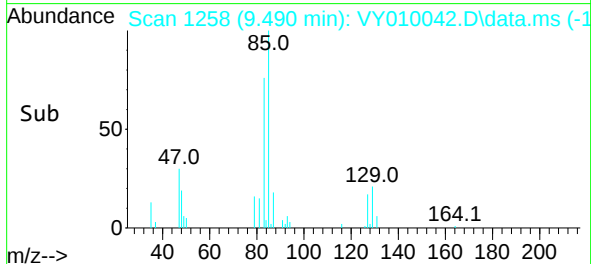
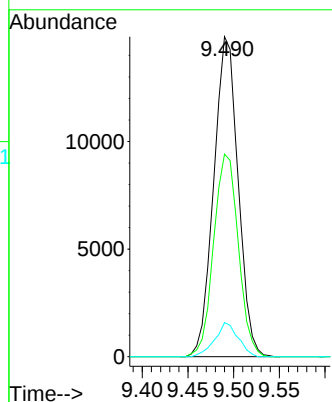
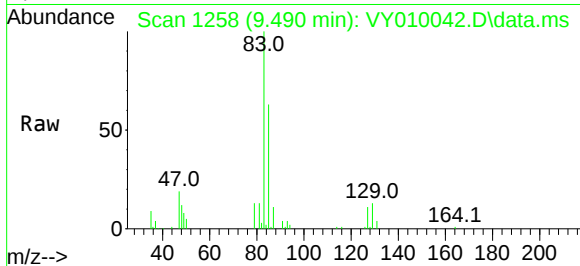




#47
Bromodichloromethane
Concen: 18.722 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

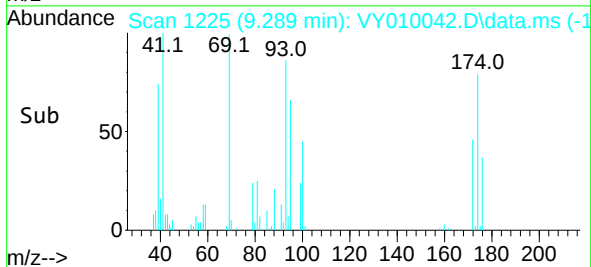
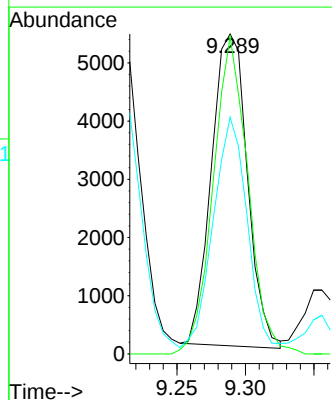
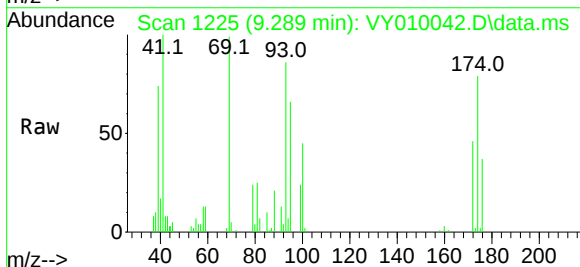
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

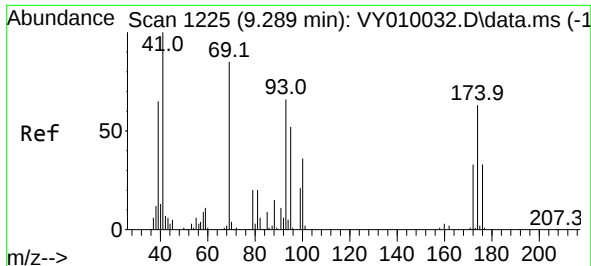
Tgt Ion: 83 Resp: 27578
Ion Ratio Lower Upper
83 100
85 63.3 50.4 75.6
127 10.6 6.8 10.2#



#48
Methyl methacrylate
Concen: 17.039 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 41 Resp: 9769
Ion Ratio Lower Upper
41 100
69 98.3 69.1 103.7
39 73.3 51.5 77.3





#49

1,4-Dioxane

Concen: 462.647 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

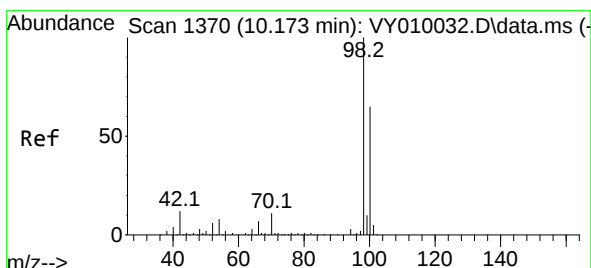
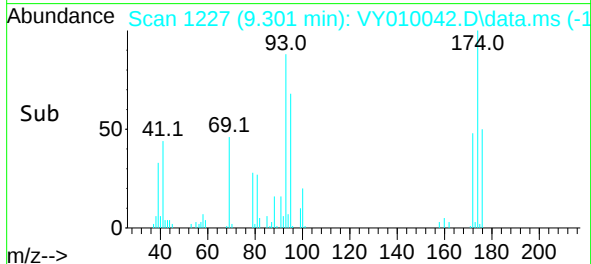
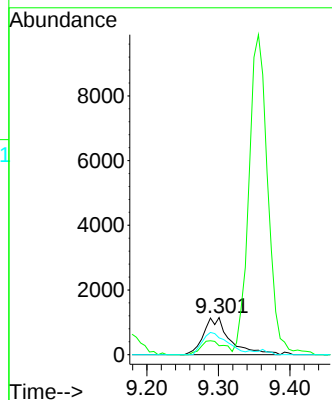
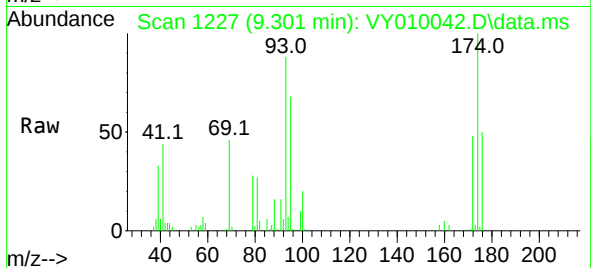
Tgt Ion: 88 Resp: 2938

Ion Ratio Lower Upper

88 100

43 32.8 28.2 42.4

58 56.6 47.2 70.8



#50

Toluene-d8

Concen: 49.356 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY010042.D

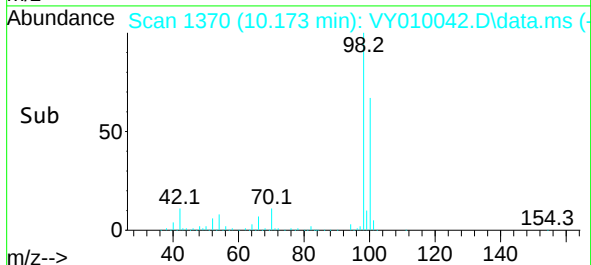
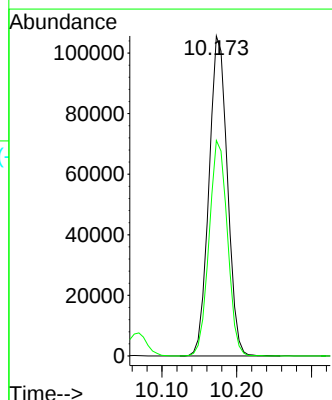
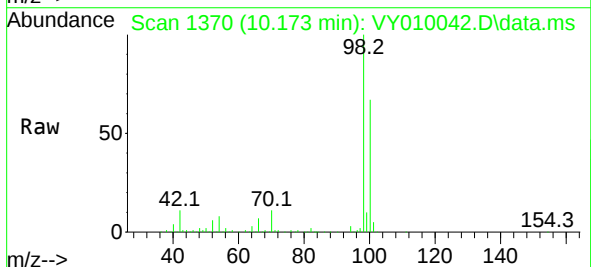
Acq: 16 Aug 2022 14:28

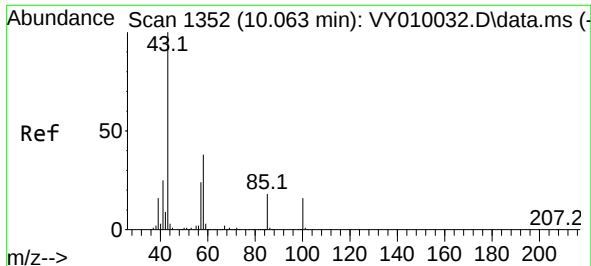
Tgt Ion: 98 Resp: 180689

Ion Ratio Lower Upper

98 100

100 67.0 52.1 78.1

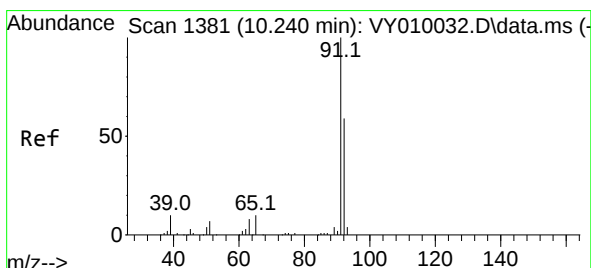
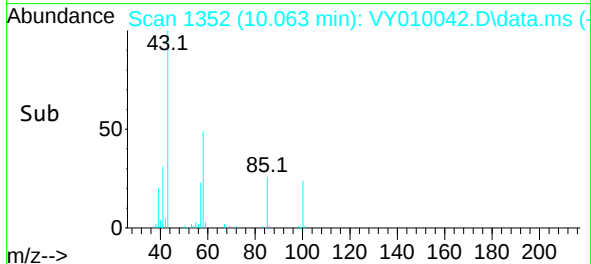
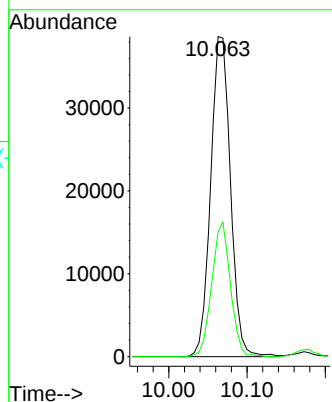
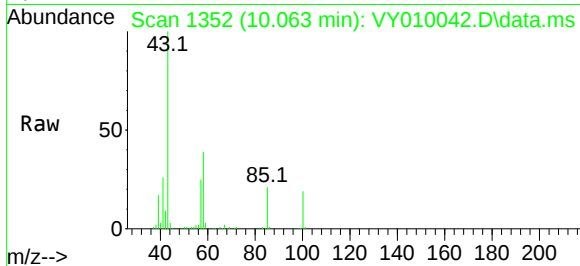




#51
4-Methyl-2-Pentanone
Concen: 93.344 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

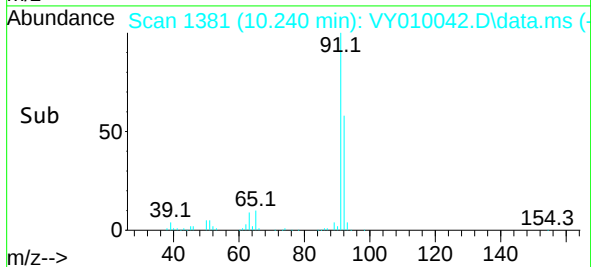
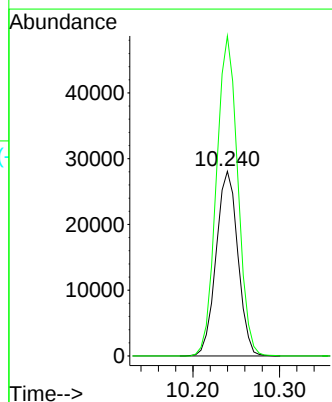
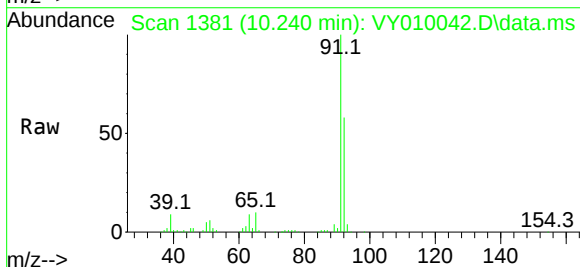
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

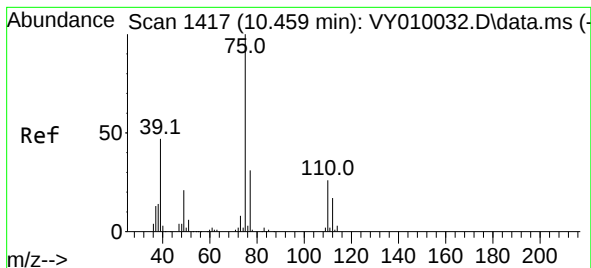
Tgt Ion: 43 Resp: 67856
Ion Ratio Lower Upper
43 100
58 39.5 29.8 44.8



#52
Toluene
Concen: 18.815 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 92 Resp: 48904
Ion Ratio Lower Upper
92 100
91 170.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.102 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

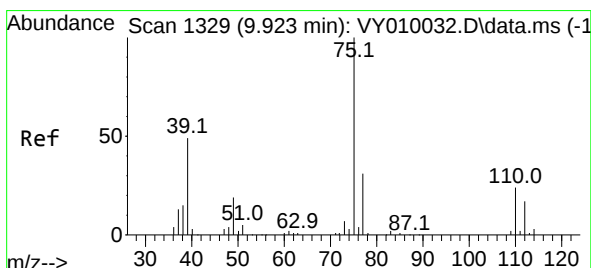
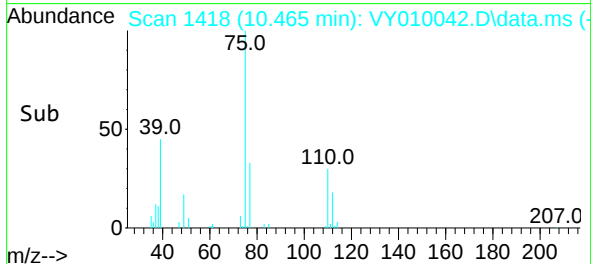
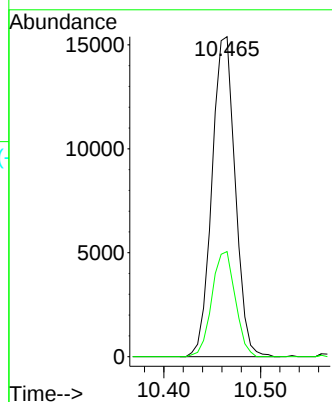
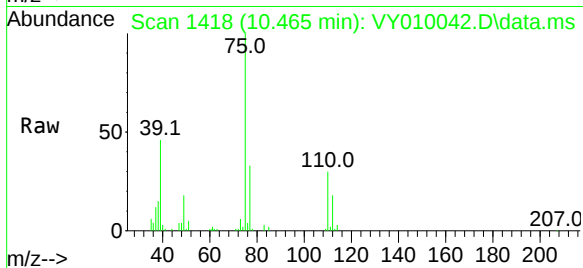
VY0816SBS01

Tgt Ion: 75 Resp: 25680

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.182 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

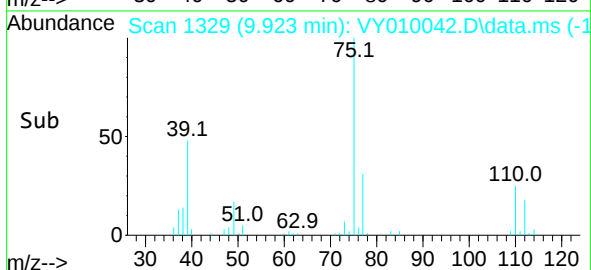
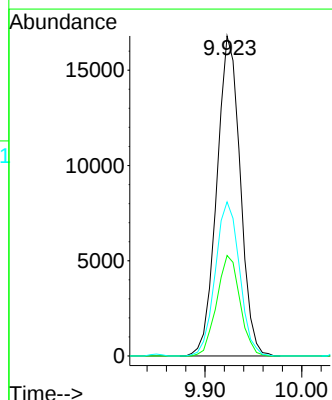
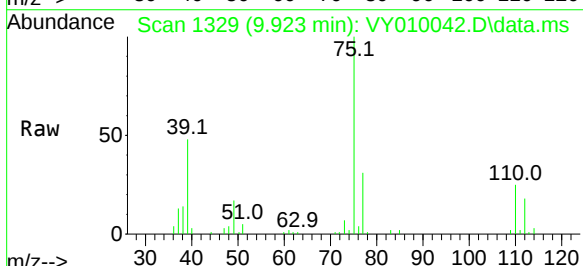
Tgt Ion: 75 Resp: 28214

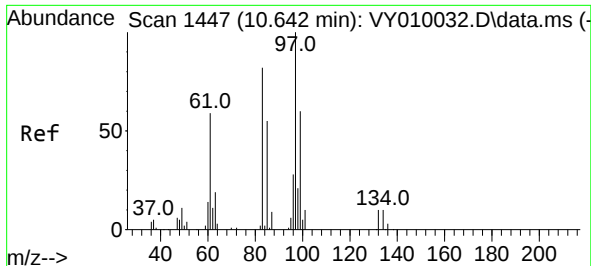
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 48.2 39.2 58.8

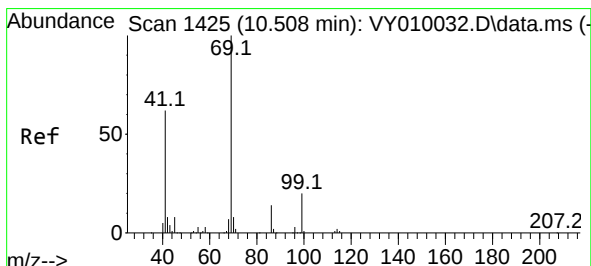
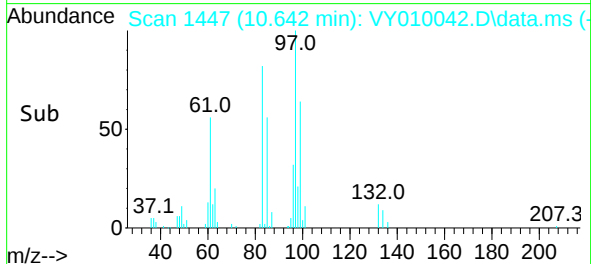
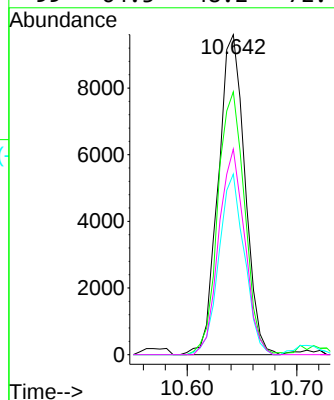
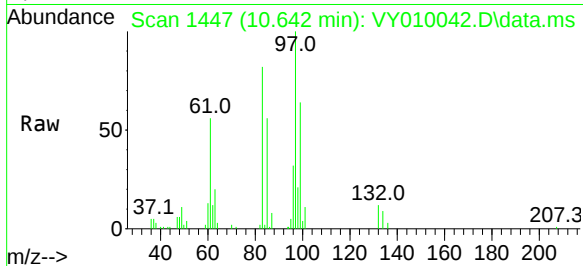




#55
1,1,2-Trichloroethane
Concen: 19.262 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

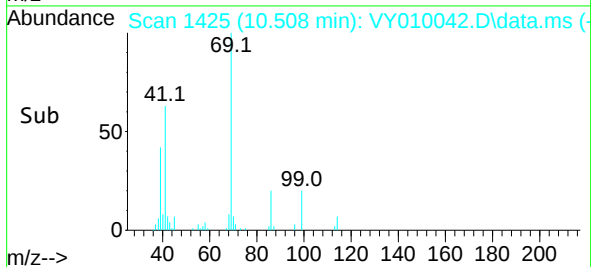
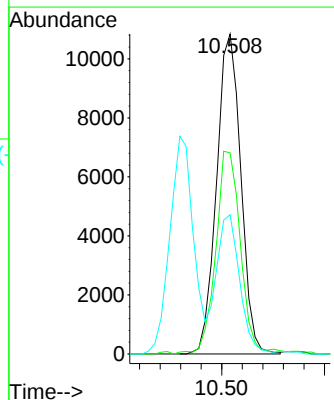
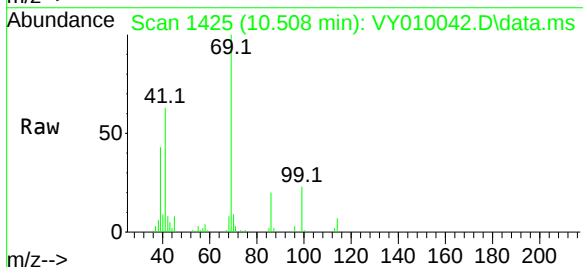
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

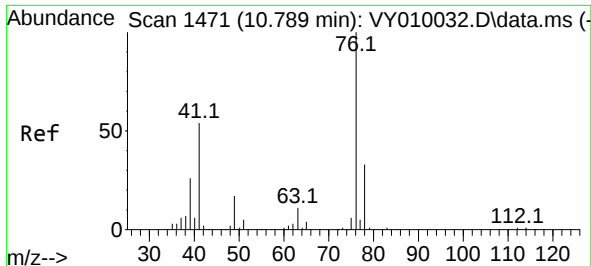
Tgt Ion: 97	Resp: 16248
Ion Ratio	Lower Upper
97 100	
83 82.1	65.9 98.9
85 56.4	44.2 66.2
99 64.3	48.2 72.4



#56
Ethyl methacrylate
Concen: 18.205 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 69	Resp: 17748
Ion Ratio	Lower Upper
69 100	
41 65.2	52.8 79.2
39 41.2	32.4 48.6

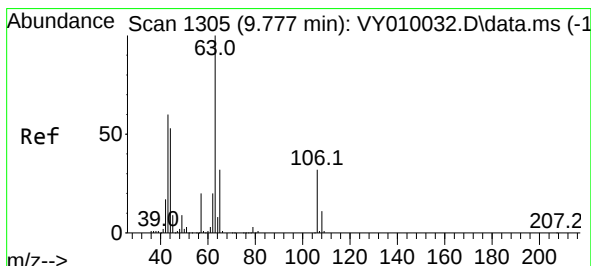
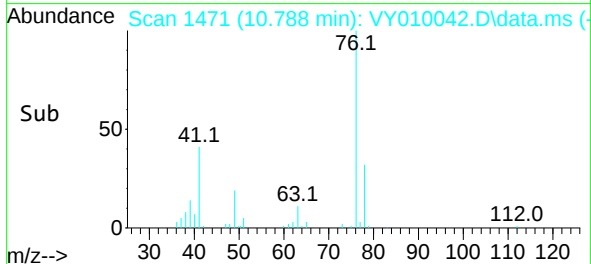
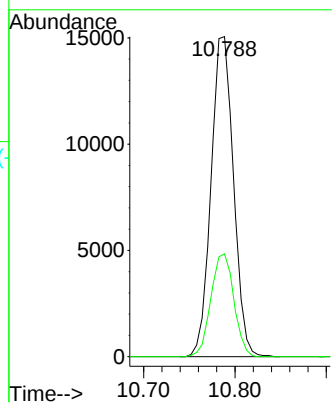
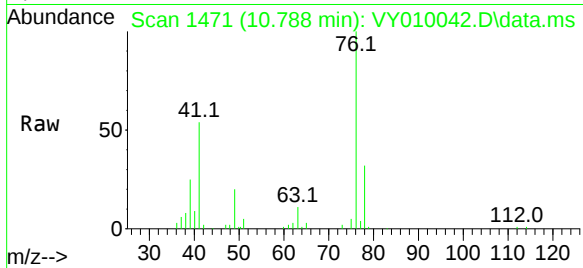




#57
1,3-Dichloropropane
Concen: 19.008 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

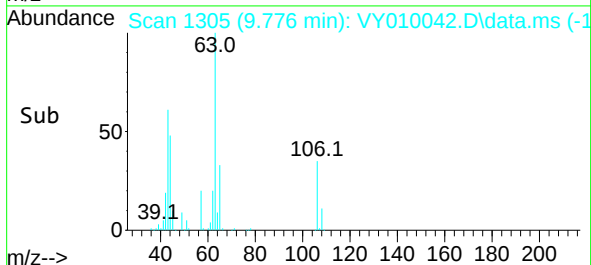
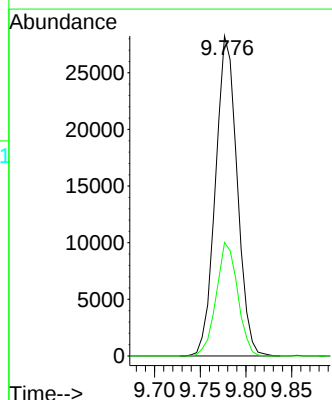
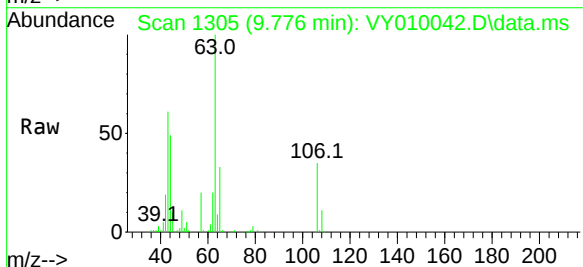
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

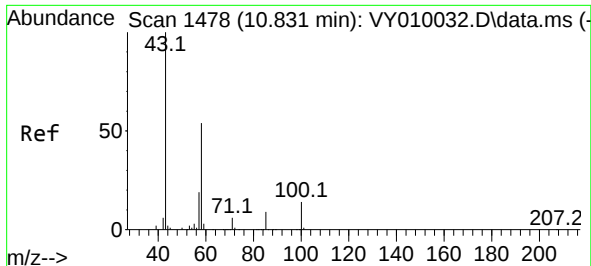
Tgt Ion: 76 Resp: 25668
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 110.387 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 63 Resp: 46572
Ion Ratio Lower Upper
63 100
106 35.1 25.7 38.5

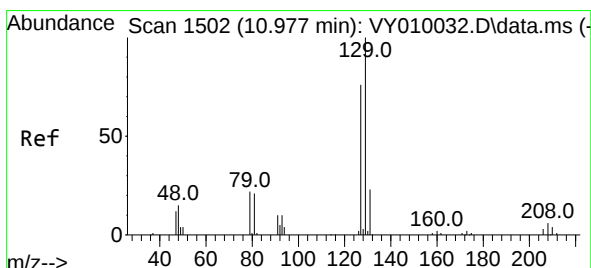
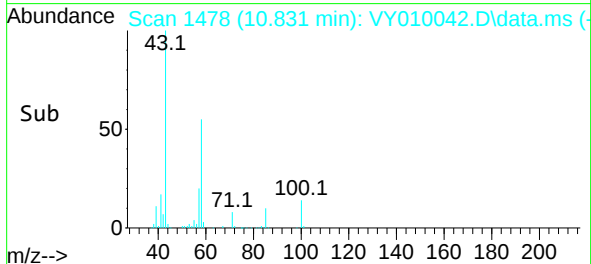
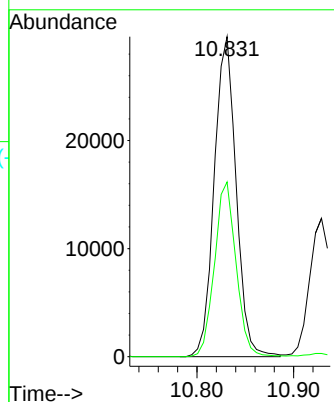
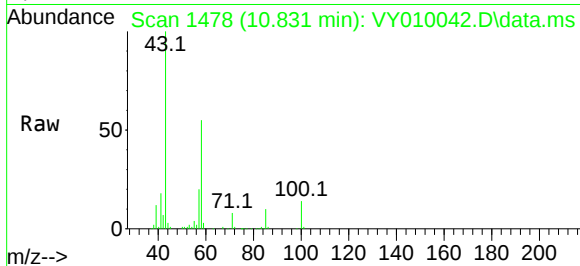




#59
2-Hexanone
Concen: 97.746 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

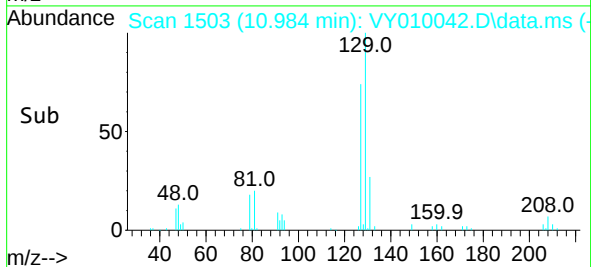
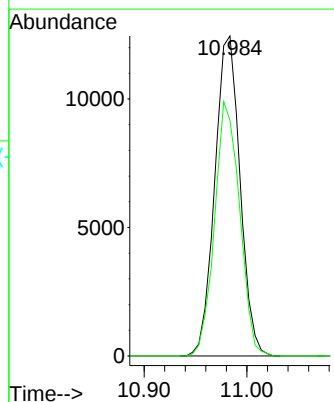
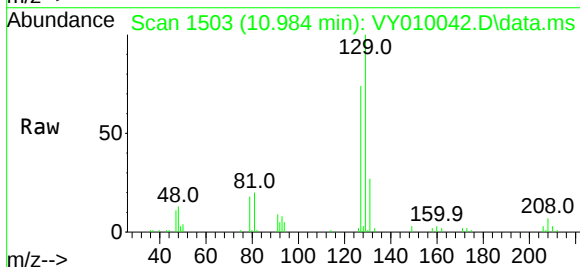
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

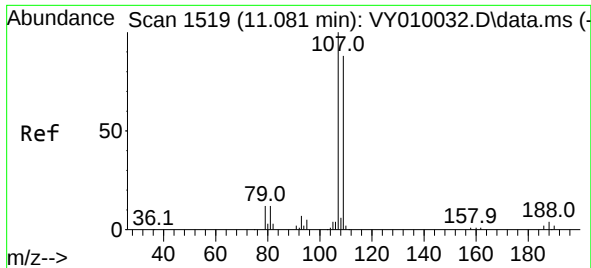
Tgt Ion: 43 Resp: 46430
Ion Ratio Lower Upper
43 100
58 53.8 26.3 78.9



#60
Dibromochloromethane
Concen: 19.007 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 129 Resp: 21236
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.5

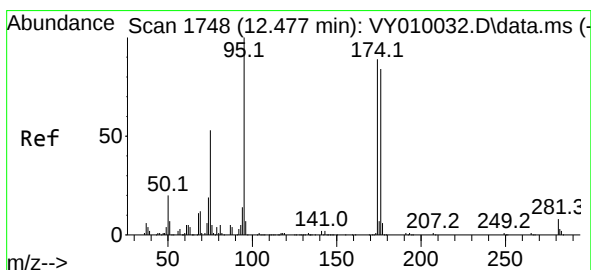
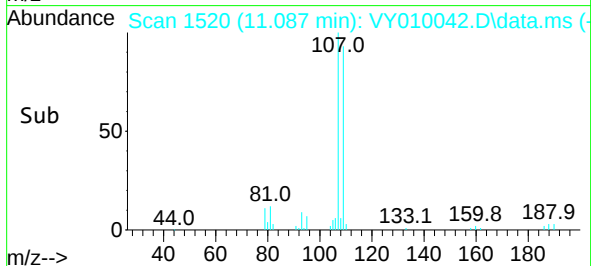
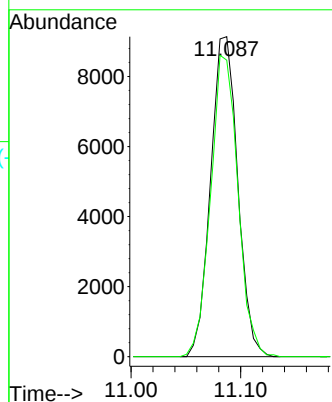
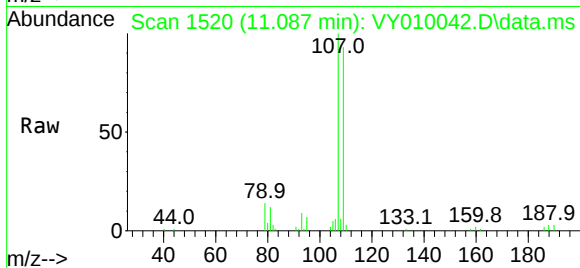




#61
1,2-Dibromoethane
Concen: 19.140 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

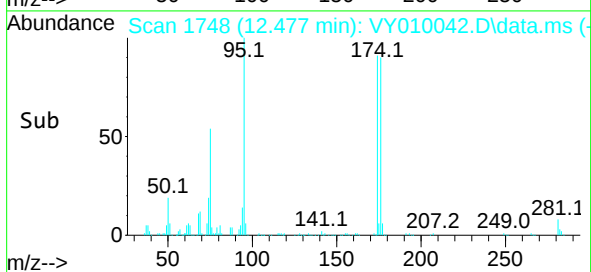
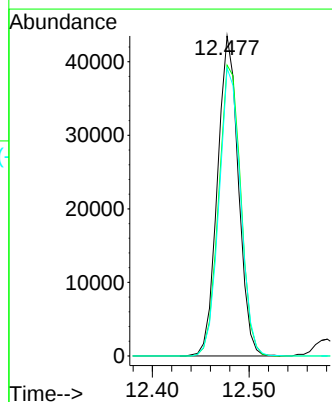
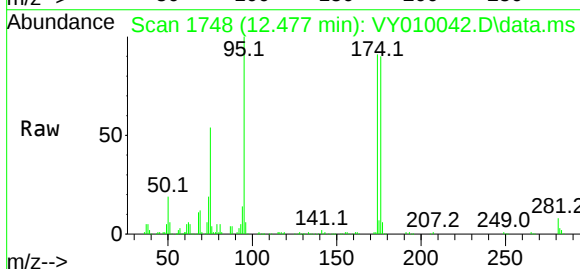
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

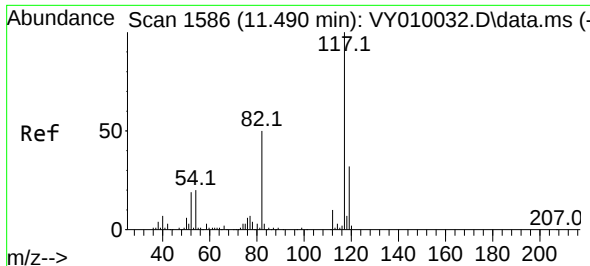
Tgt Ion:107 Resp: 15734
Ion Ratio Lower Upper
107 100
109 94.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 95 Resp: 65237
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.2
176 92.6 0.0 178.4

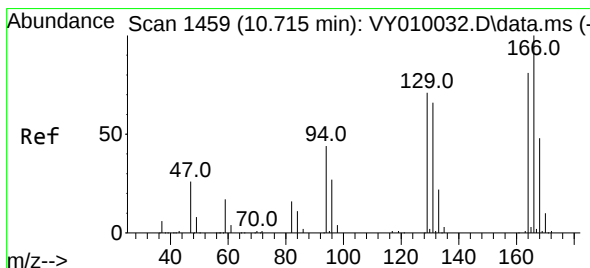
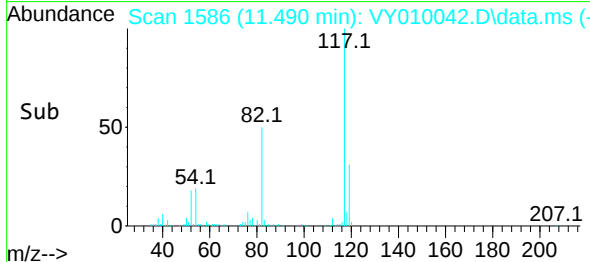
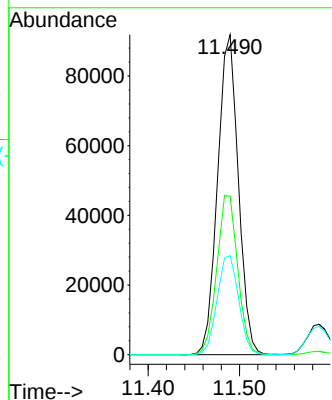
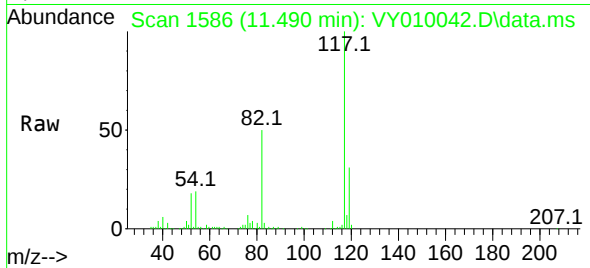




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

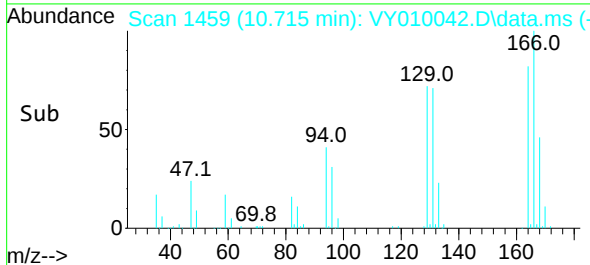
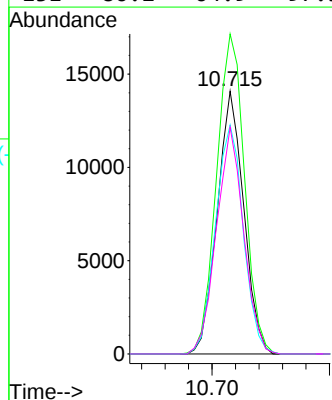
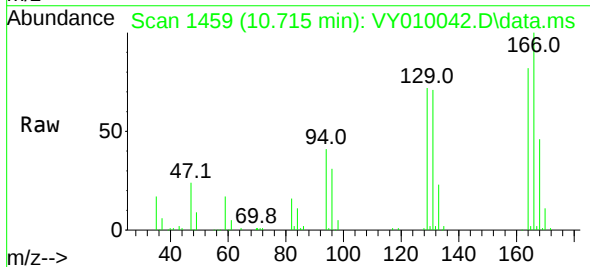
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

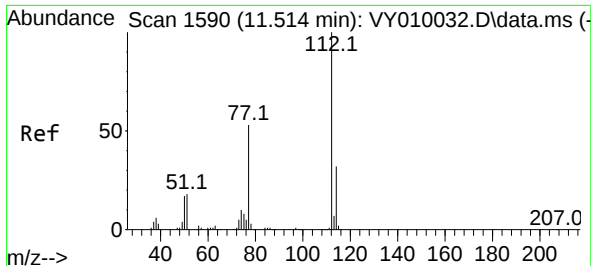
Tgt Ion:117 Resp: 145067
Ion Ratio Lower Upper
117 100
82 49.6 39.8 59.6
119 31.0 25.6 38.4



#64
Tetrachloroethene
Concen: 17.846 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:164 Resp: 22106
Ion Ratio Lower Upper
164 100
166 121.8 98.8 148.2
129 87.1 70.1 105.1
131 86.2 64.9 97.3

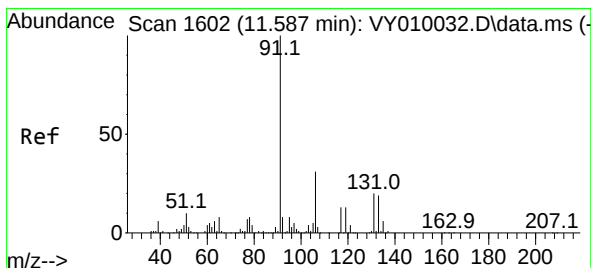
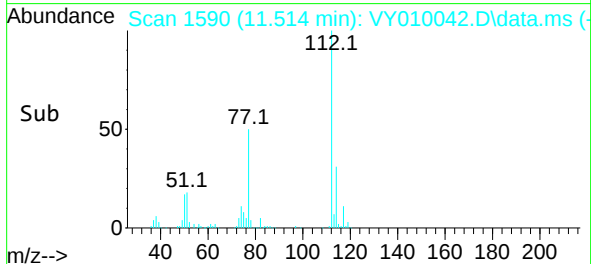
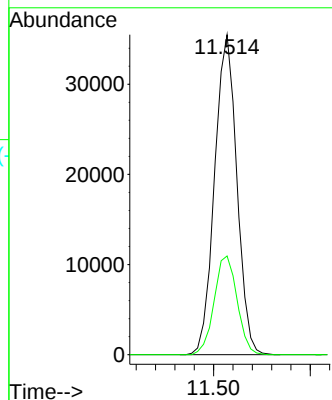
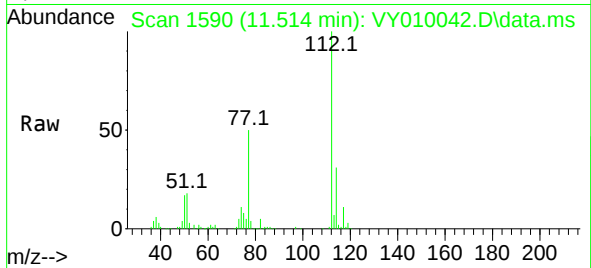




#65
Chlorobenzene
Concen: 18.740 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

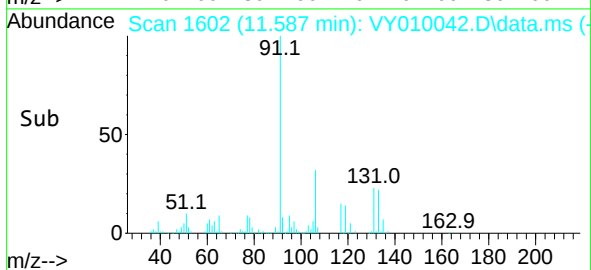
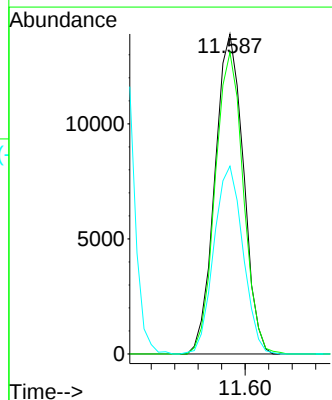
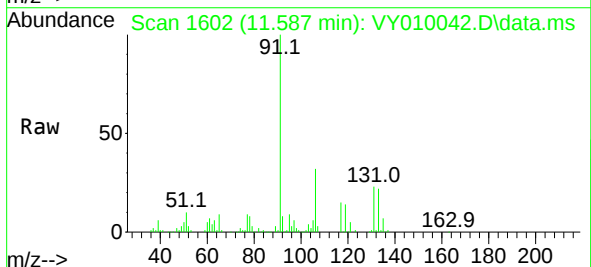
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

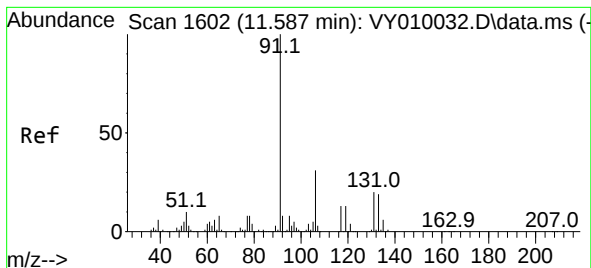
Tgt Ion:112 Resp: 56668
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.565 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:131 Resp: 23443
Ion Ratio Lower Upper
131 100
133 93.0 47.0 141.0
119 59.9 30.9 92.7





#67

Ethyl Benzene

Concen: 18.485 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

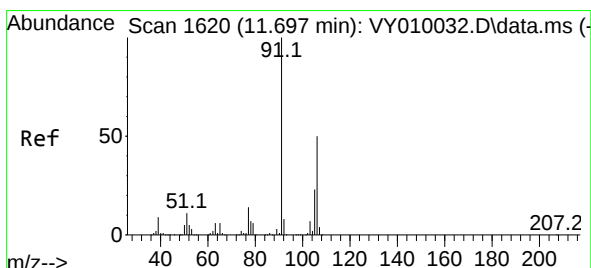
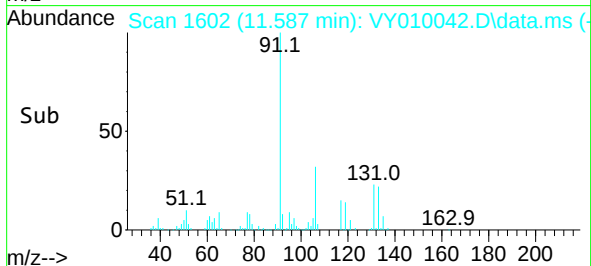
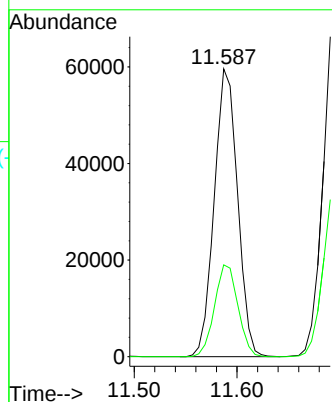
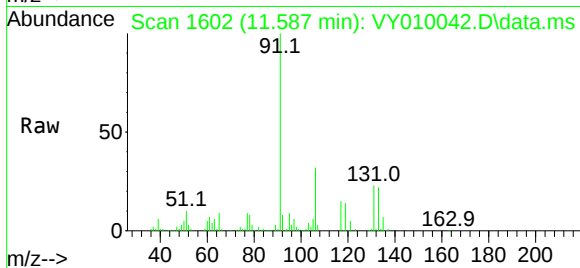
VY0816SBS01

Tgt Ion: 91 Resp: 93718

Ion Ratio Lower Upper

91 100

106 31.9 24.8 37.2



#68

m/p-Xylenes

Concen: 38.058 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010042.D

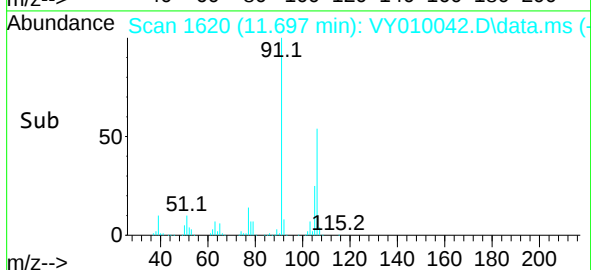
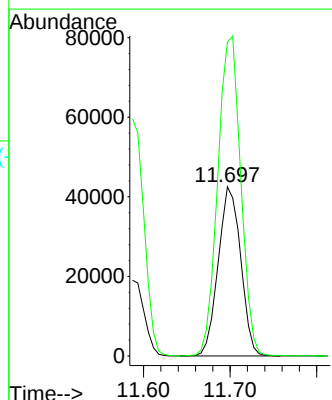
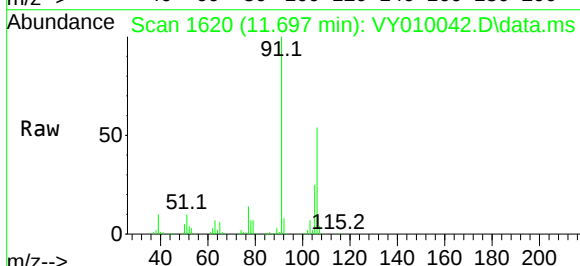
Acq: 16 Aug 2022 14:28

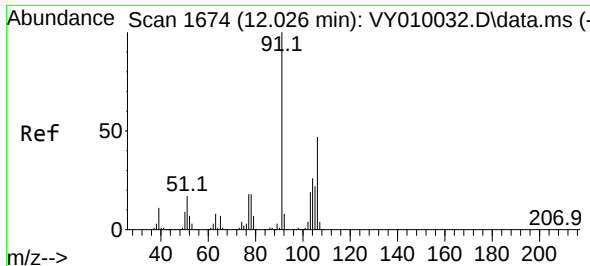
Tgt Ion: 106 Resp: 76650

Ion Ratio Lower Upper

106 100

91 193.7 158.2 237.2

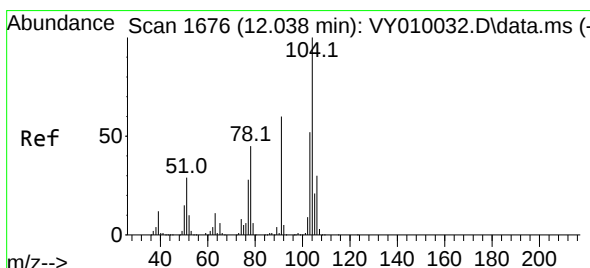
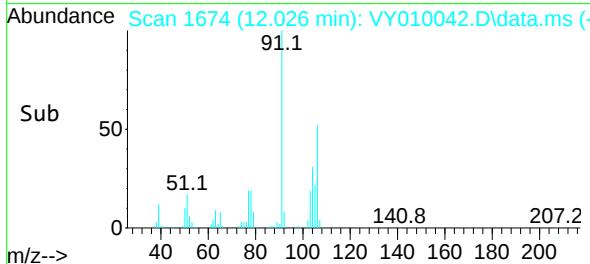
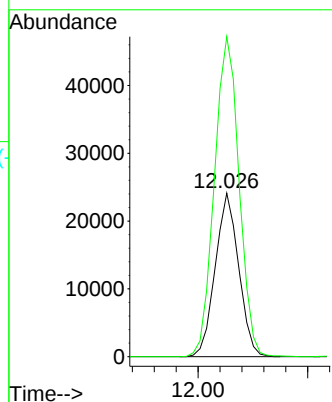
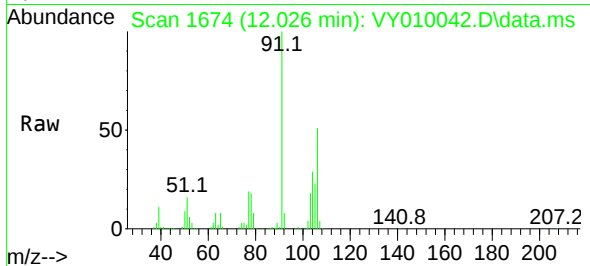




#69
o-Xylene
Concen: 19.024 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

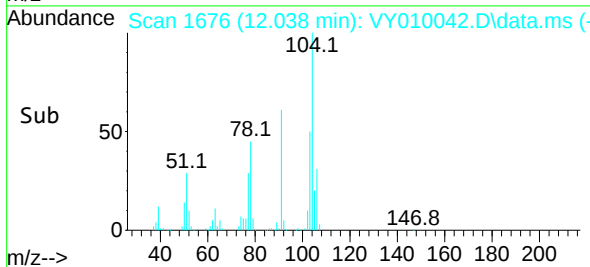
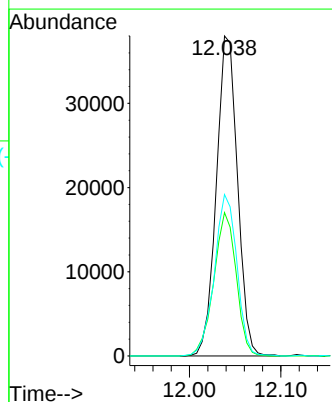
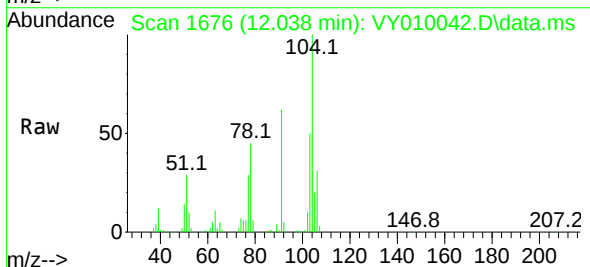
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

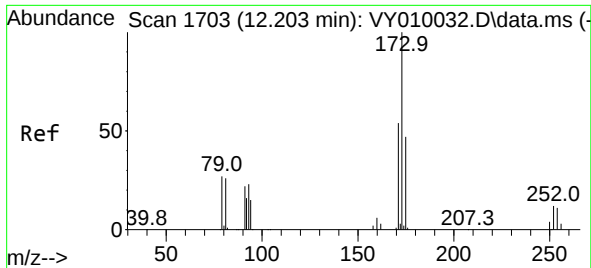
Tgt Ion:106 Resp: 35795
Ion Ratio Lower Upper
106 100
91 206.1 104.6 313.7



#70
Styrene
Concen: 19.295 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:104 Resp: 61264
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.4
103 53.7 44.0 66.0

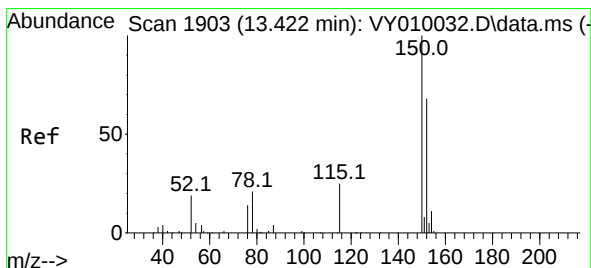
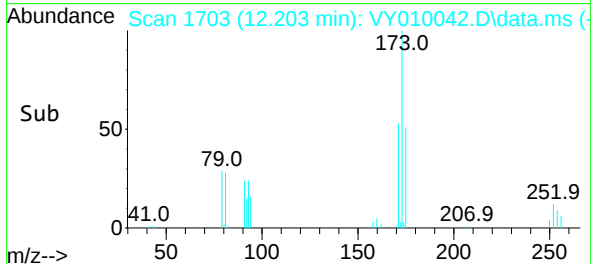
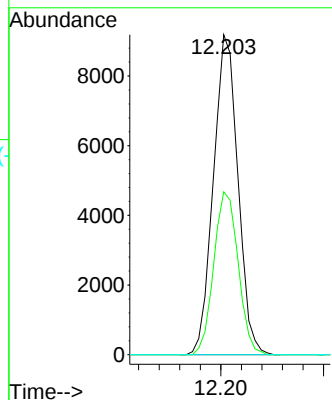
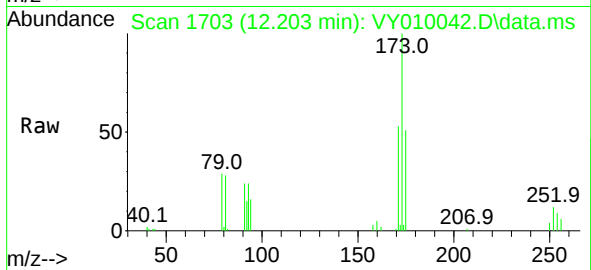




#71
Bromoform
Concen: 20.227 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

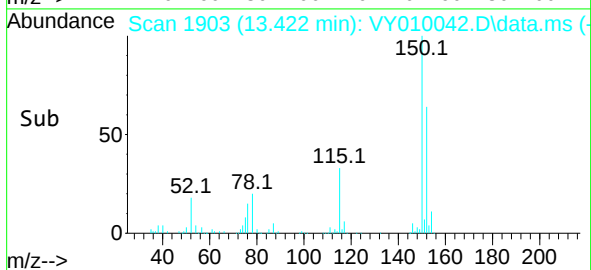
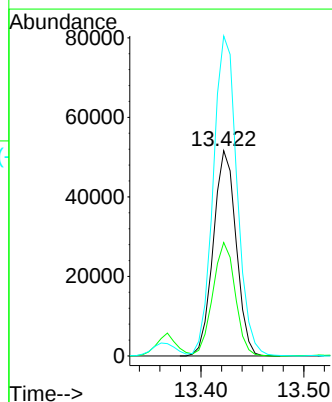
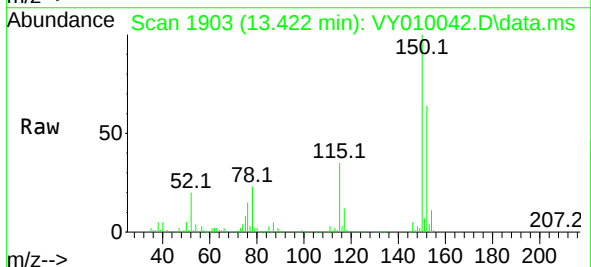
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

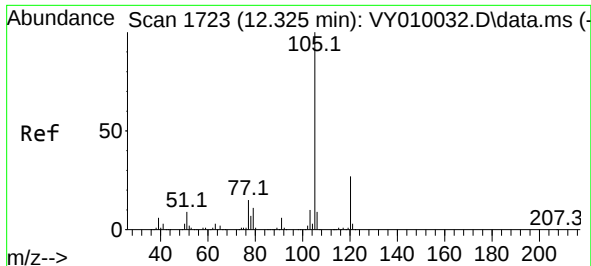
Tgt Ion:173 Resp: 15183
Ion Ratio Lower Upper
173 100
175 50.5 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:152 Resp: 79496
Ion Ratio Lower Upper
152 100
115 54.3 28.1 84.3
150 163.0 0.0 346.6

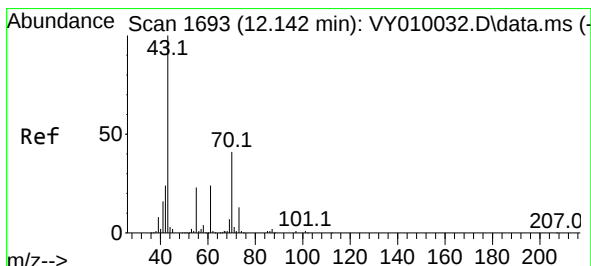
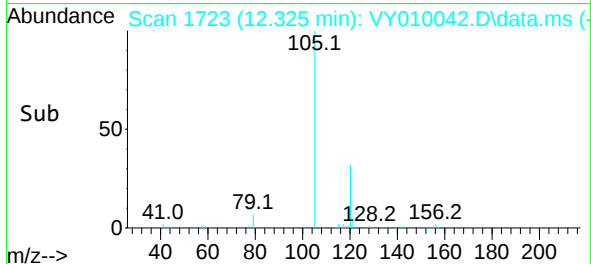
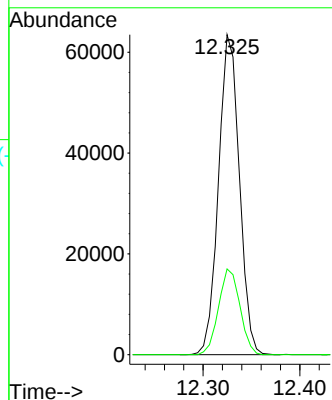
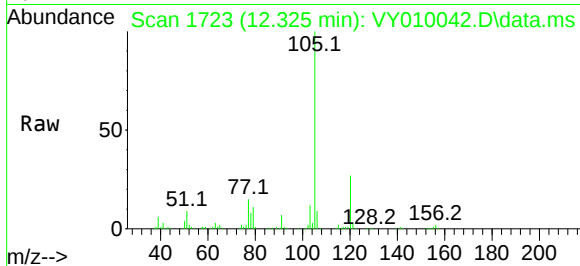




#73
Isopropylbenzene
Concen: 19.108 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

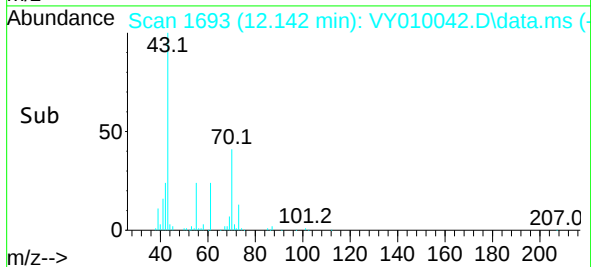
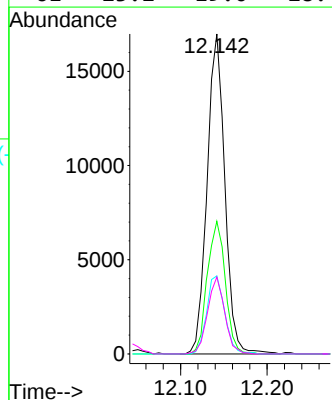
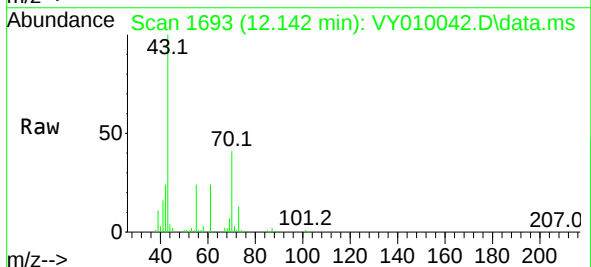
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

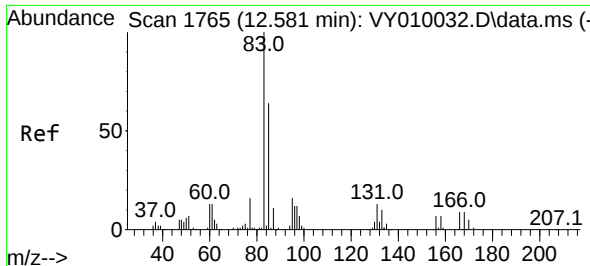
Tgt Ion:105 Resp: 94944
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#74
N-ethyl acetate
Concen: 20.280 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 43 Resp: 24196
Ion Ratio Lower Upper
43 100
70 42.1 32.3 48.5
55 24.8 19.3 28.9
61 23.2 19.0 28.4

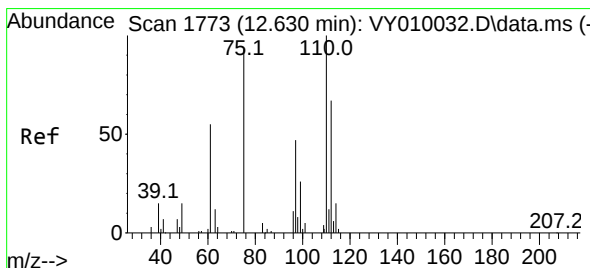
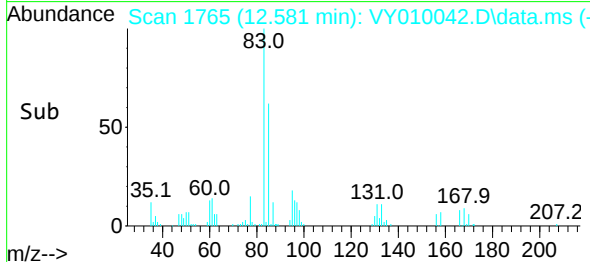
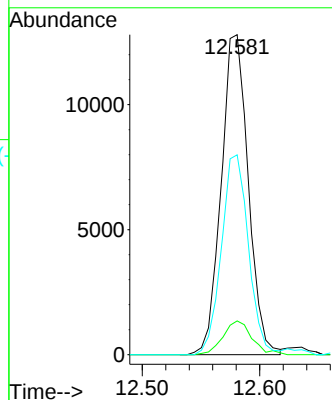
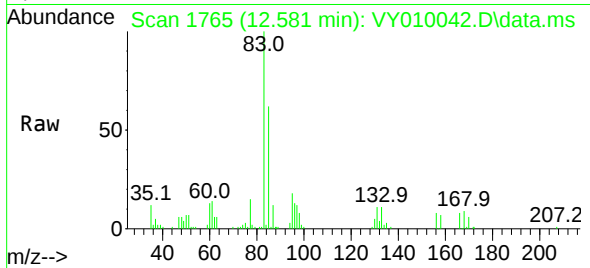




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.757 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

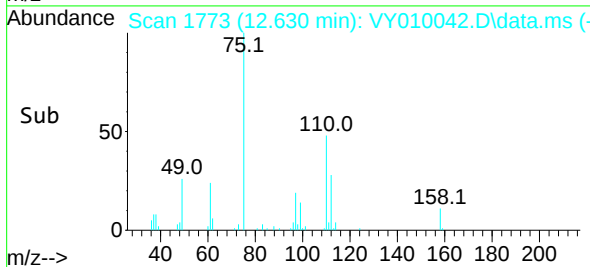
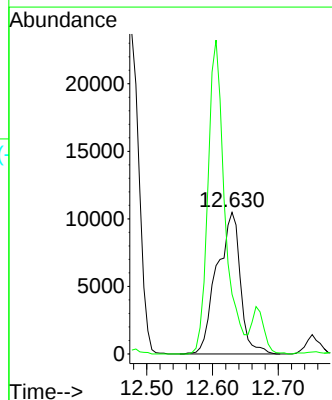
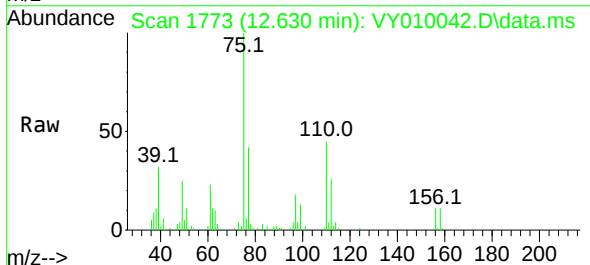
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

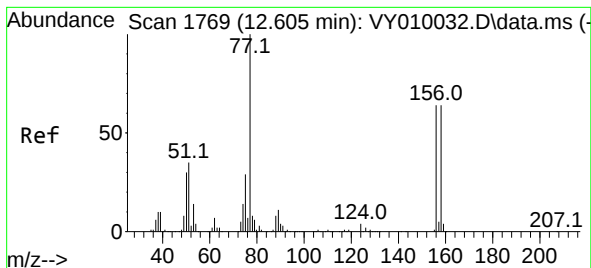
Tgt Ion: 83 Resp: 20503
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.8 17.3
 85 62.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.611 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

Tgt Ion: 75 Resp: 26081
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.444 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

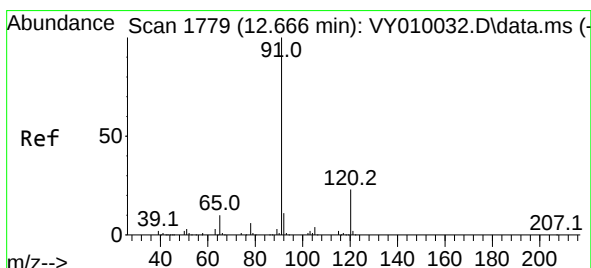
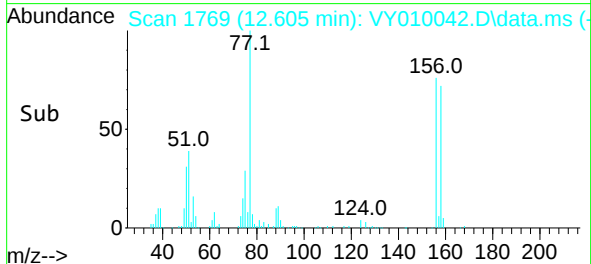
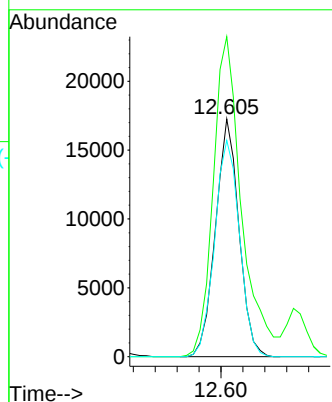
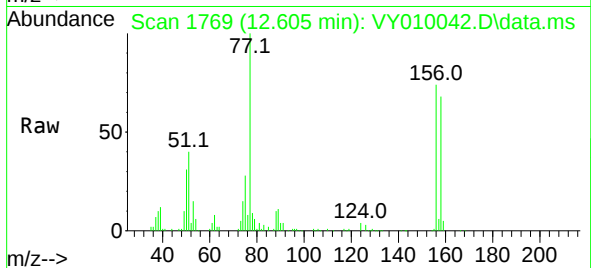
Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

Tgt Ion:	156	Resp:	25667
Ion Ratio	Lower	Upper	
156	100		
77	161.0	85.9	257.6
158	96.5	48.9	146.8



#78

n-propylbenzene

Concen: 18.617 ug/l

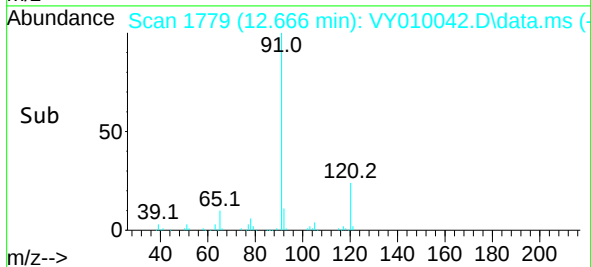
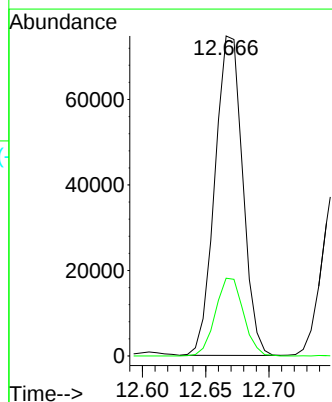
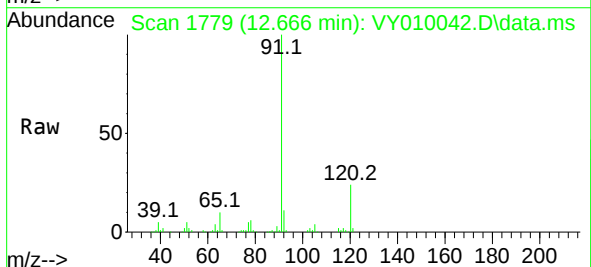
RT: 12.666 min Scan# 1779

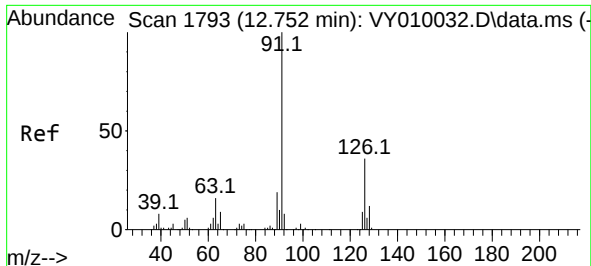
Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Tgt Ion:	91	Resp:	114039
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.9	35.9

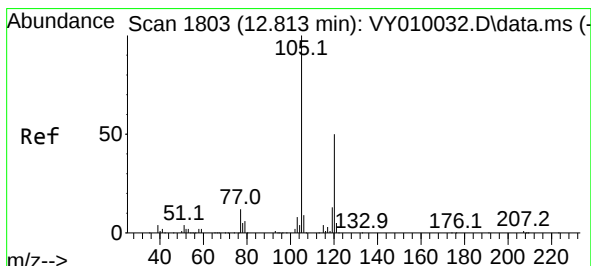
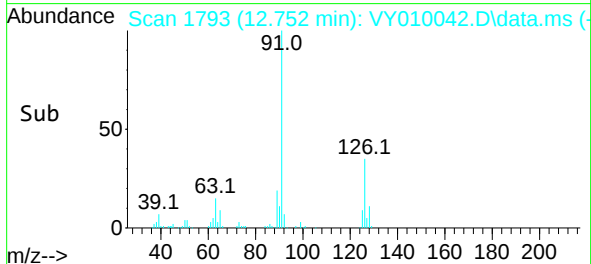
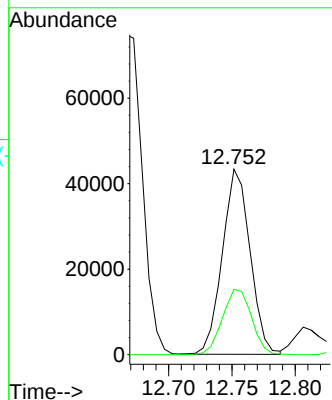
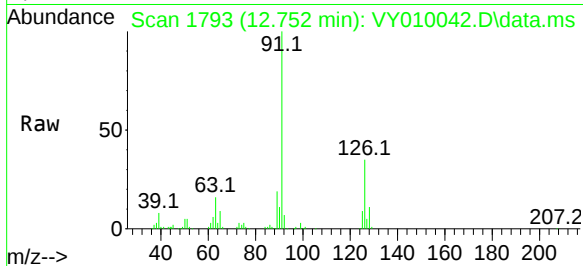




#79
2-Chlorotoluene
Concen: 19.078 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

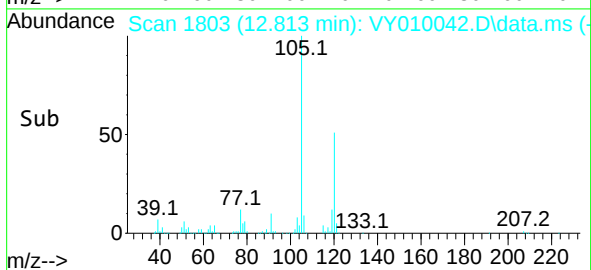
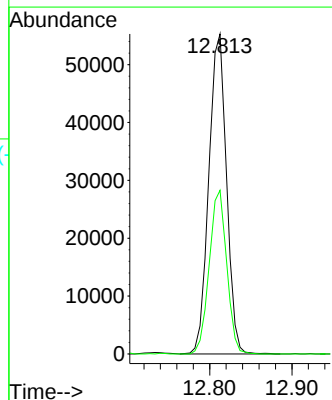
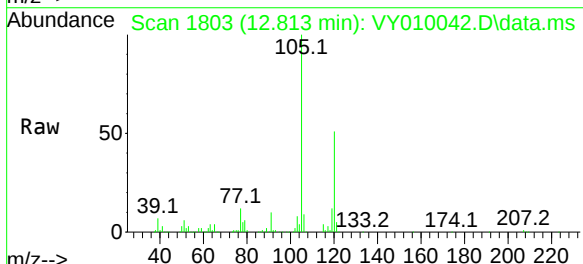
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

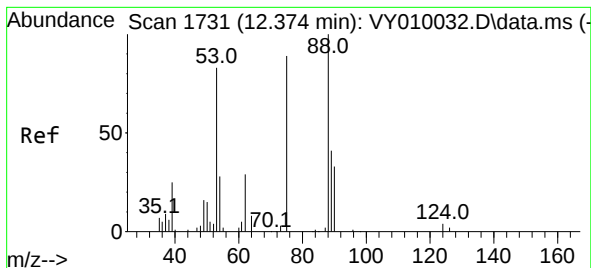
Tgt Ion: 91 Resp: 66086
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.4



#80
1,3,5-Trimethylbenzene
Concen: 19.094 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 105 Resp: 82652
Ion Ratio Lower Upper
105 100
120 50.5 25.0 75.0

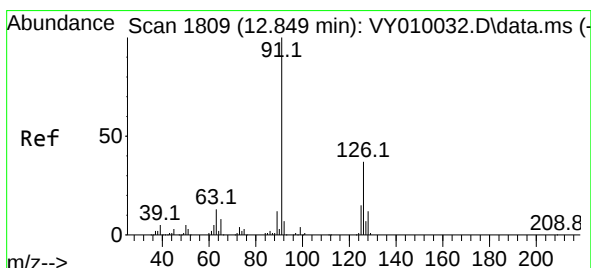
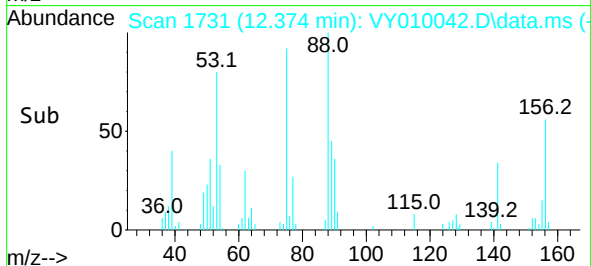
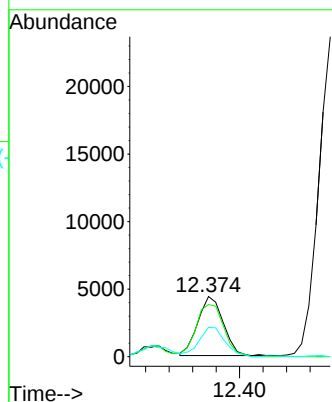
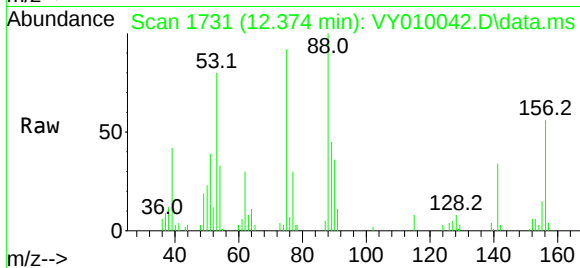




#81
trans-1,4-Dichloro-2-butene
Concen: 19.686 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

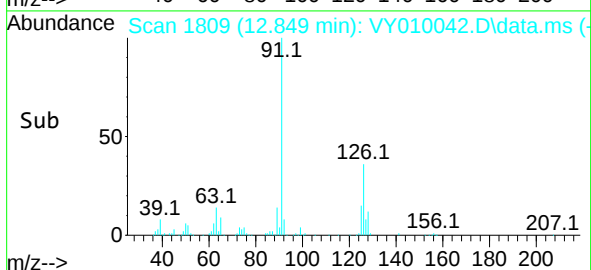
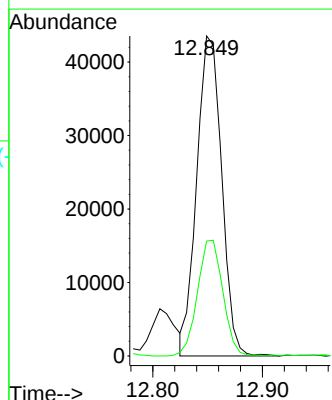
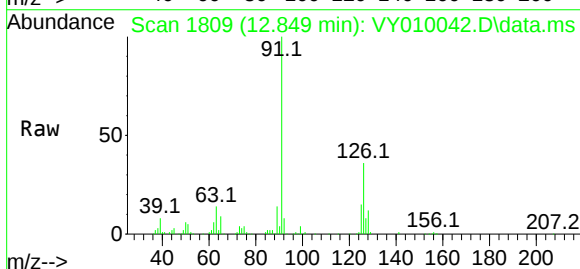
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

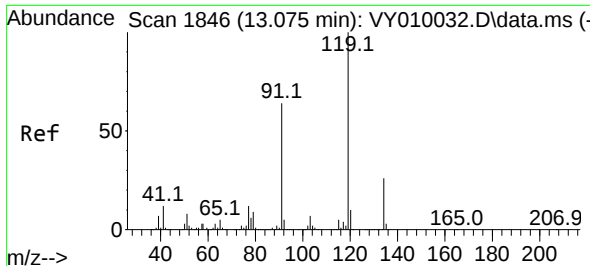
Tgt Ion: 75 Resp: 6564
Ion Ratio Lower Upper
75 100
53 97.7 74.2 111.4
89 50.8 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.004 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 91 Resp: 68866
Ion Ratio Lower Upper
91 100
126 36.8 18.3 54.9

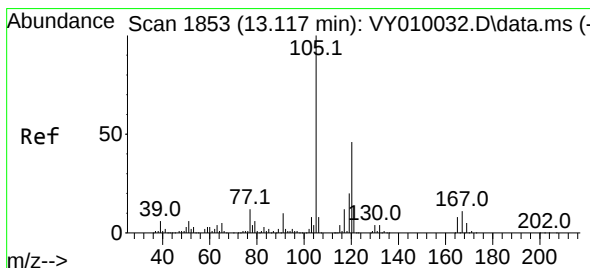
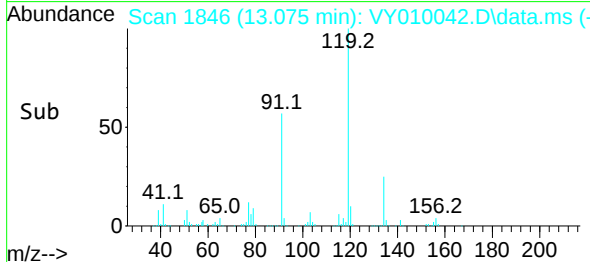
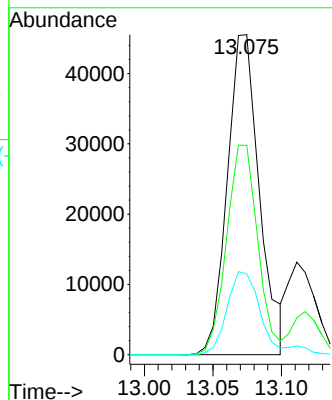
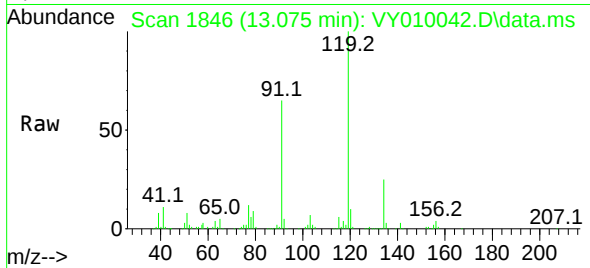




#83
tert-Butylbenzene
Concen: 19.531 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

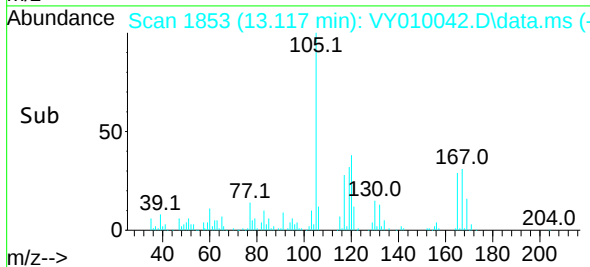
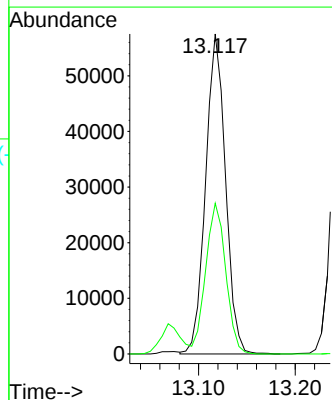
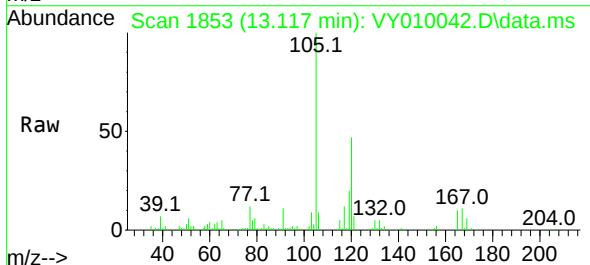
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

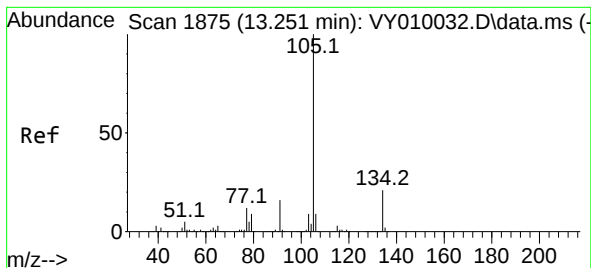
Tgt Ion:119 Resp: 74286
Ion Ratio Lower Upper
119 100
91 63.8 31.6 94.7
134 27.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.376 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion:105 Resp: 82349
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.057 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

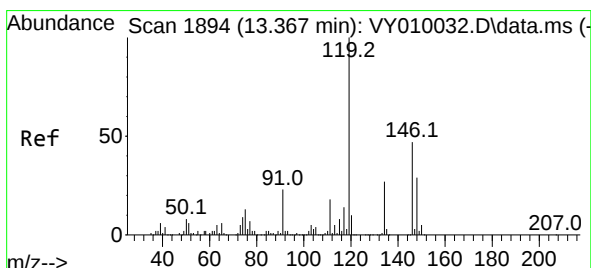
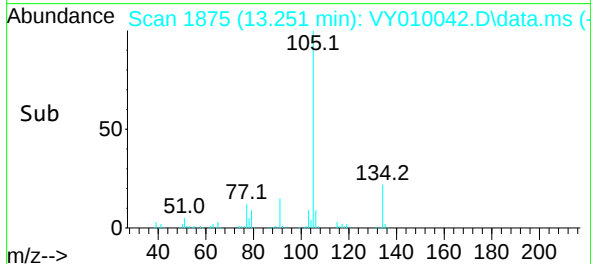
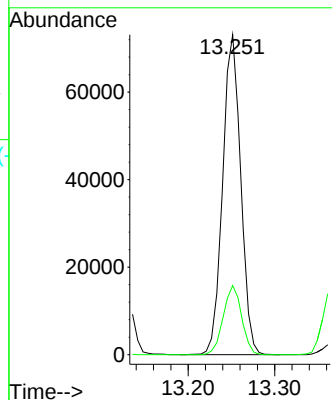
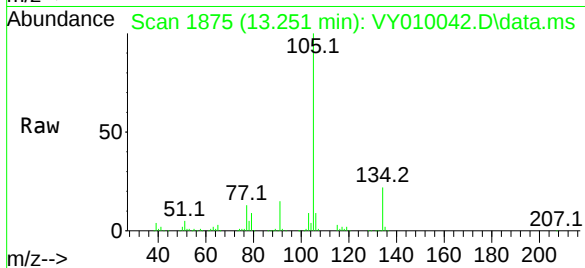
VY0816SBS01

Tgt Ion:105 Resp: 105875

Ion Ratio Lower Upper

105 100

134 21.9 10.6 31.8



#86

p-Isopropyltoluene

Concen: 18.952 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

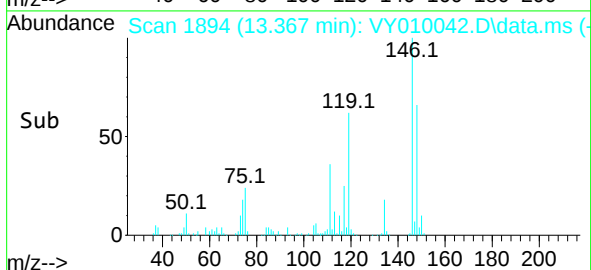
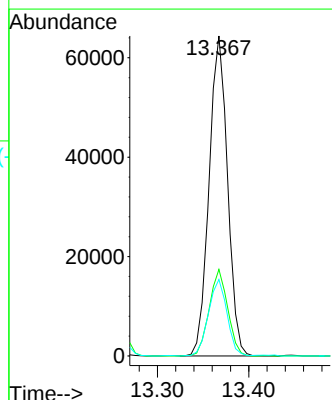
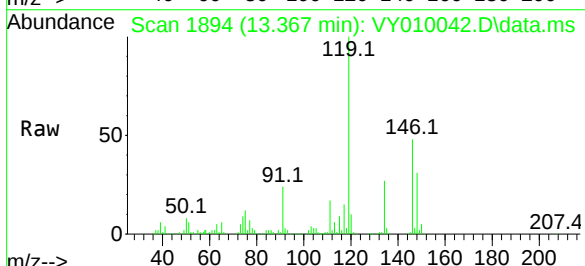
Tgt Ion:119 Resp: 90239

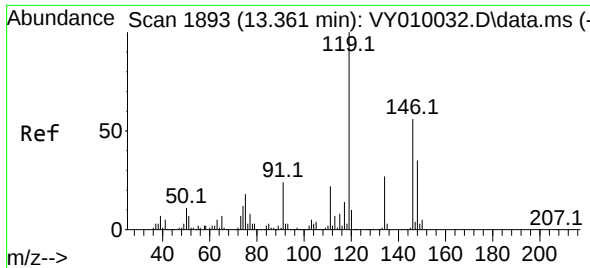
Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

91 24.0 11.7 35.0

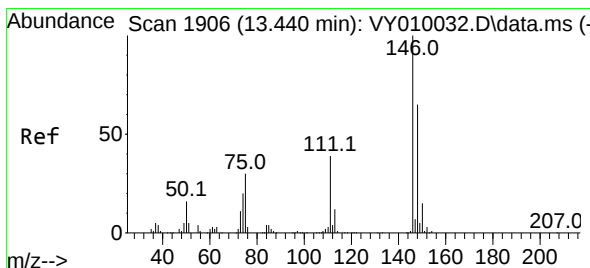
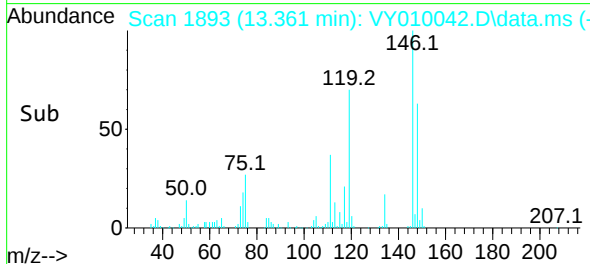
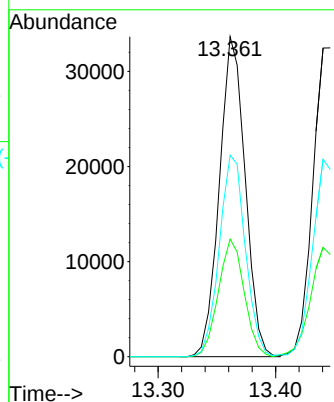
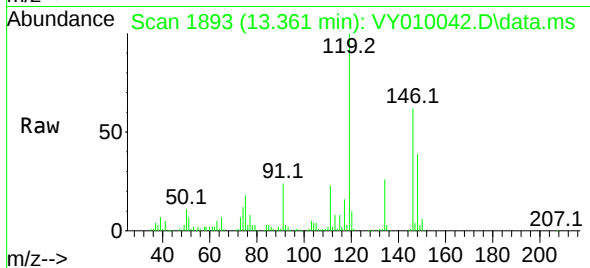




#87
 1,3-Dichlorobenzene
 Concen: 19.080 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

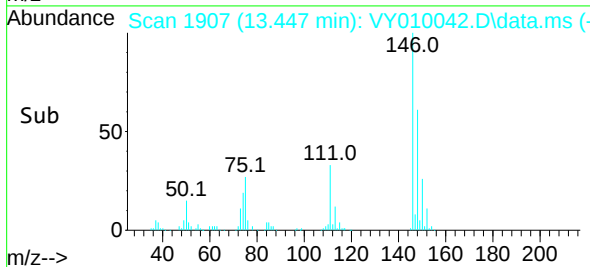
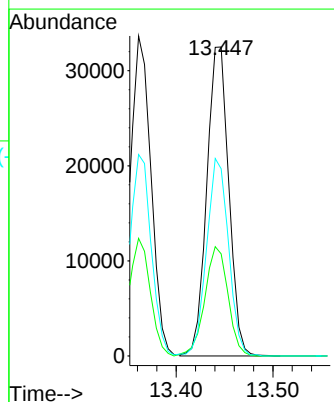
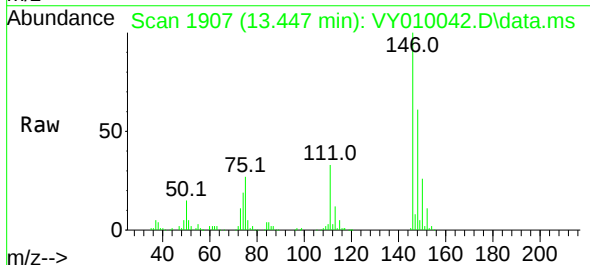
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

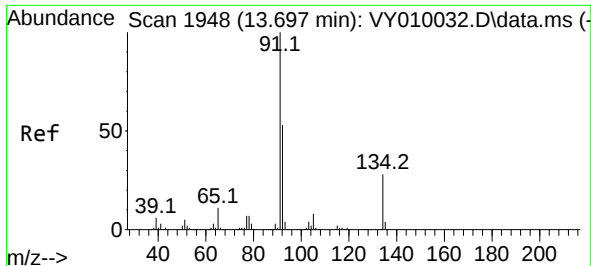
Tgt Ion:146 Resp: 51287
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.2 57.6
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.958 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.007 min
 Lab File: VY010042.D
 Acq: 16 Aug 2022 14:28

Tgt Ion:146 Resp: 51445
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.1
 148 63.9 32.3 96.9

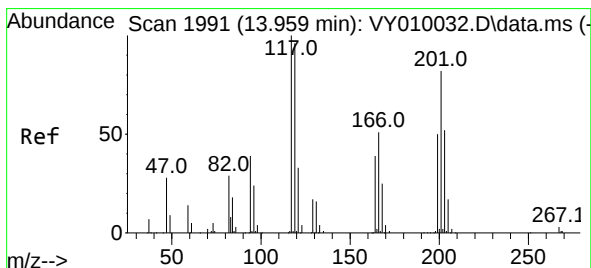
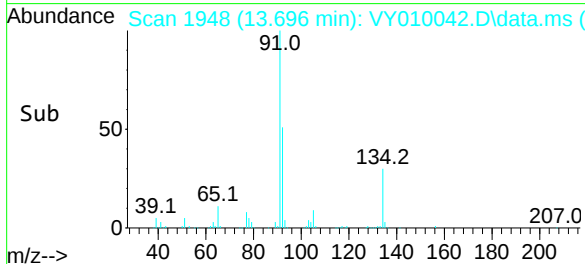
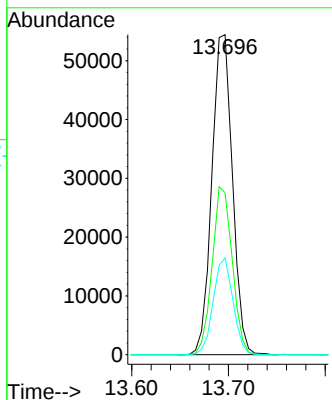
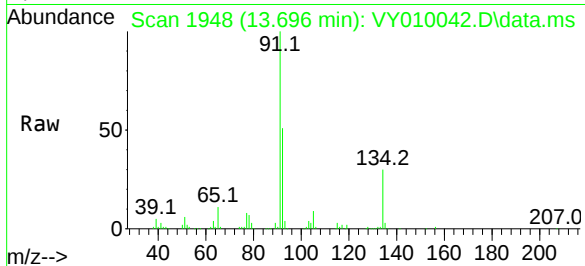




#89
n-Butylbenzene
Concen: 19.003 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

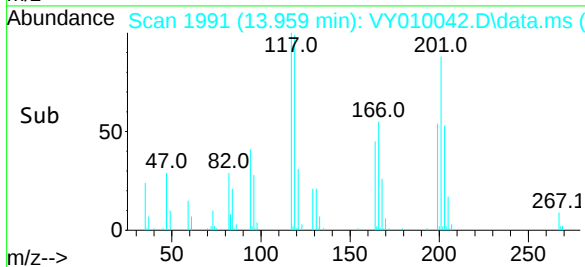
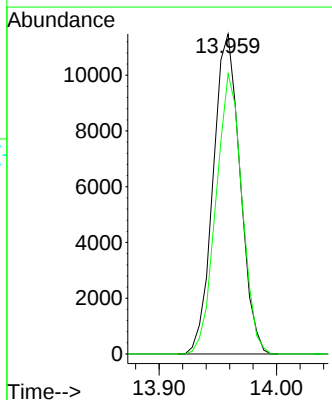
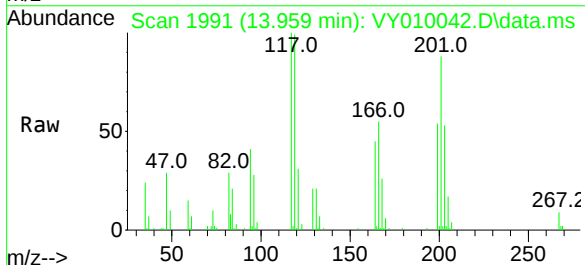
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

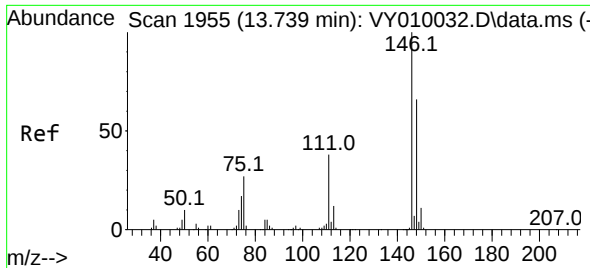
Tgt Ion: 91 Resp: 80612
Ion Ratio Lower Upper
91 100
92 51.1 26.3 78.9
134 28.9 13.6 40.8



#90
Hexachloroethane
Concen: 18.951 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 117 Resp: 18289
Ion Ratio Lower Upper
117 100
201 84.4 42.4 127.1

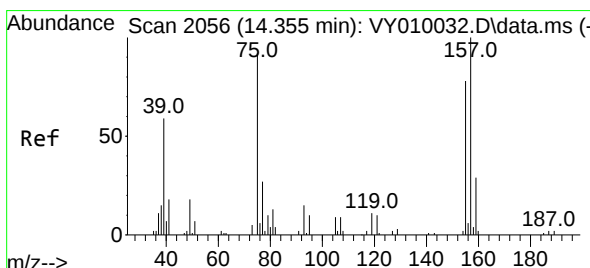
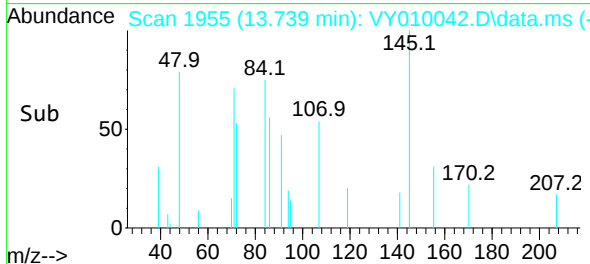
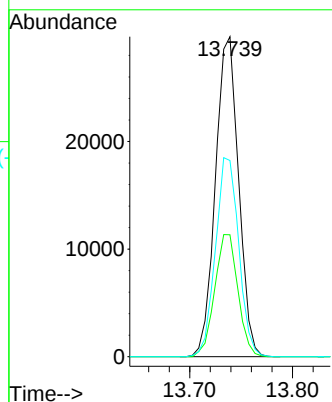
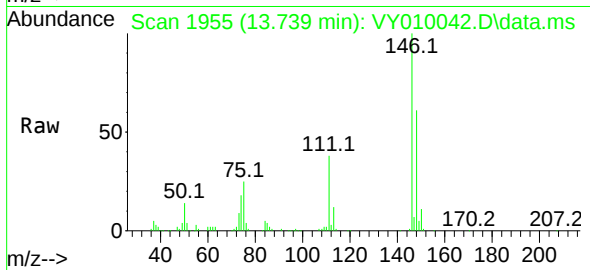




#91
1,2-Dichlorobenzene
Concen: 19.457 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

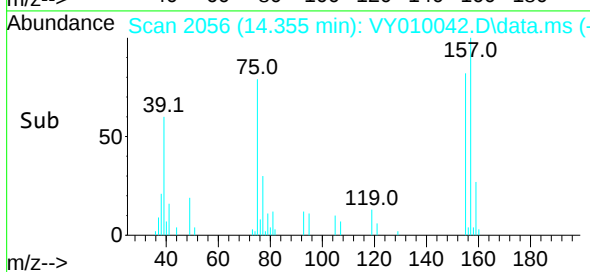
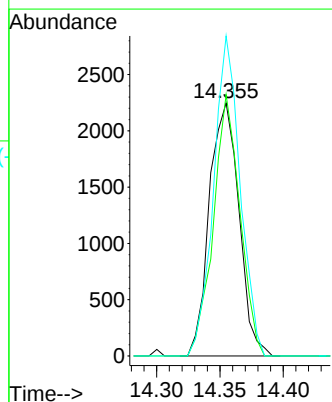
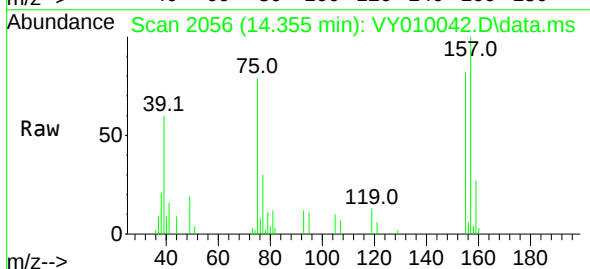
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS01

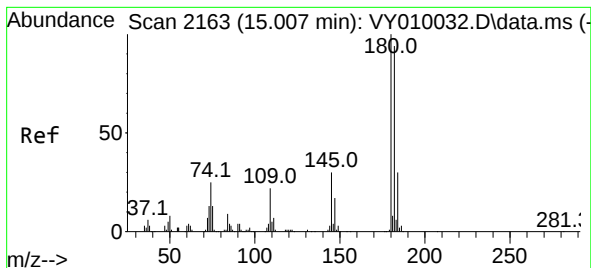
Tgt Ion:146 Resp: 46515
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.4
148 62.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.493 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010042.D
Acq: 16 Aug 2022 14:28

Tgt Ion: 75 Resp: 3649
Ion Ratio Lower Upper
75 100
155 92.8 46.9 140.6
157 113.9 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 18.904 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

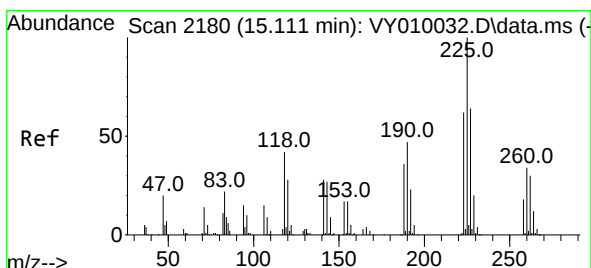
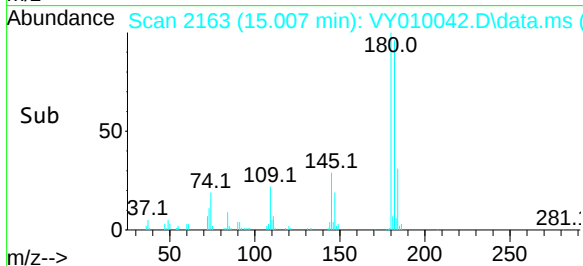
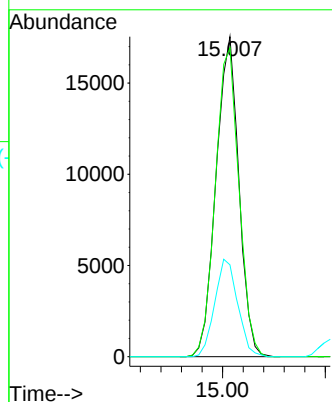
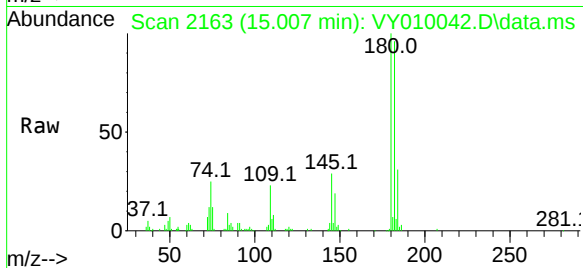
Tgt Ion:180 Resp: 27000

Ion Ratio Lower Upper

180 100

182 99.8 47.4 142.2

145 30.6 14.8 44.4



#94

Hexachlorobutadiene

Concen: 18.857 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

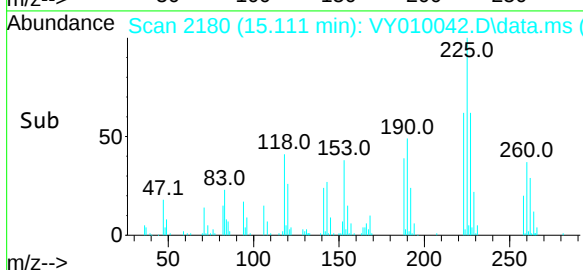
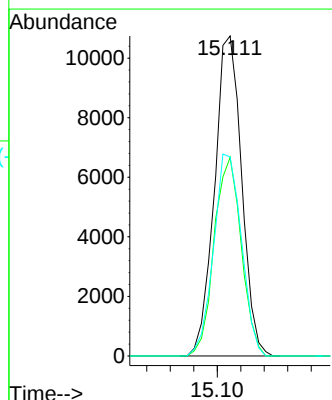
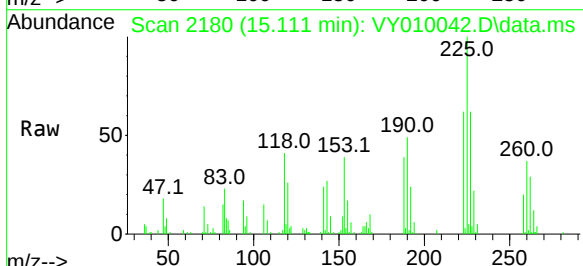
Tgt Ion:225 Resp: 17236

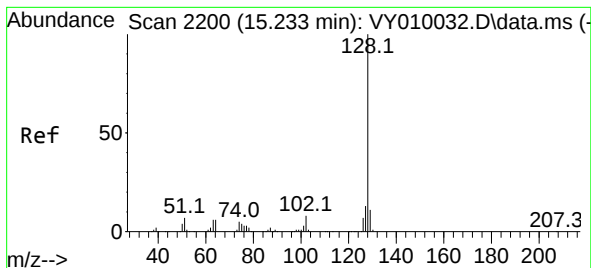
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 64.7 32.6 97.8





#95

Naphthalene

Concen: 21.534 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBS01

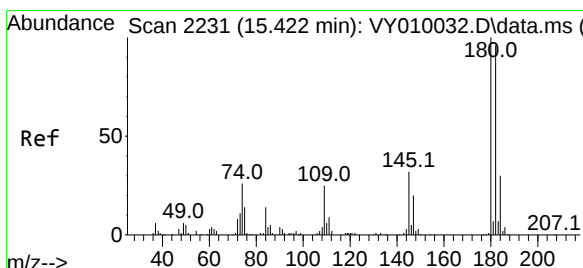
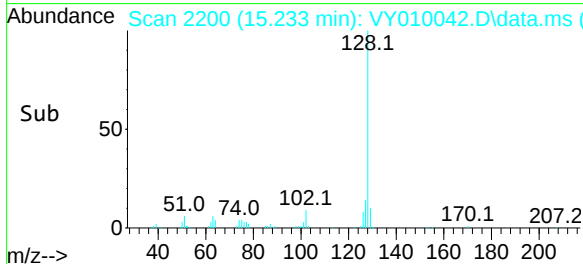
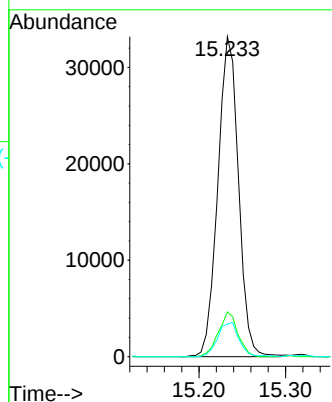
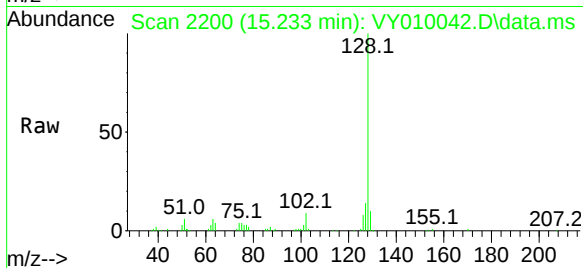
Tgt Ion:128 Resp: 55014

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.802 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010042.D

Acq: 16 Aug 2022 14:28

Tgt Ion:180 Resp: 24892

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 30.7 15.7 47.0

