

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000063.D
 Acq On : 18 Sep 2019 16:19
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 04:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	104436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	205012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	178426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	75600	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	58091	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.72	113	56055	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
50) Toluene-d8	10.18	98	237961	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.48	95	79184	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	18321	22.873	ug/l	96
3) Chloromethane	2.11	50	23707	20.849	ug/l	95
4) Vinyl Chloride	2.25	62	24691	21.188	ug/l	97
5) Bromomethane	2.62	94	17505	22.139	ug/l	99
6) Chloroethane	2.78	64	16926	21.669	ug/l #	86
7) Trichlorofluoromethane	3.12	101	35237	21.870	ug/l	88
8) Diethyl Ether	3.52	74	14224	20.618	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	23773	21.507	ug/l	97
10) Methyl Iodide	4.09	142	20994	18.263	ug/l	99
11) Tert butyl alcohol	4.98	59	15479	108.667	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	21245	20.849	ug/l	87
13) Acrolein	3.73	56	10396	130.476	ug/l	98
14) Allyl chloride	4.47	41	33309	21.387	ug/l	98
15) Acrylonitrile	5.17	53	43403	104.917	ug/l	98
16) Acetone	3.95	43	31021	110.885	ug/l #	79
17) Carbon Disulfide	4.19	76	41369	20.939	ug/l #	91
18) Methyl Acetate	4.48	43	19367	20.721	ug/l	92
19) Methyl tert-butyl Ether	5.22	73	66711	20.949	ug/l	95
20) Methylene Chloride	4.71	84	29255	22.229	ug/l #	95
21) trans-1,2-Dichloroethene	5.21	96	24097	21.273	ug/l	91
22) Diisopropyl ether	6.13	45	77770	22.101	ug/l	89
23) Vinyl Acetate	6.06	43	254990	108.273	ug/l	96
24) 1,1-Dichloroethane	6.02	63	45233	21.719	ug/l	96
25) 2-Butanone	7.00	43	51759	102.146	ug/l	94
26) 2,2-Dichloropropane	6.99	77	42216	21.479	ug/l	94
27) cis-1,2-Dichloroethene	6.99	96	31938	22.269	ug/l	99
28) Bromochloromethane	7.34	49	18668	19.337	ug/l	94
29) Tetrahydrofuran	7.35	42	32996	108.470	ug/l	98
30) Chloroform	7.51	83	47636	22.164	ug/l	94
31) Cyclohexane	7.78	56	36771	22.388	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	37777	21.640	ug/l	98
36) 1,1-Dichloropropene	7.91	75	33380	21.775	ug/l	97
37) Ethyl Acetate	7.08	43	21230	20.777	ug/l	98
38) Carbon Tetrachloride	7.90	117	30140	20.832	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	39779	21.104	ug/l	89
40) Benzene	8.16	78	108651	21.460	ug/l	95
41) Methacrylonitrile	7.35	41	30179	41.456	ug/l #	16
42) 1,2-Dichloroethane	8.24	62	28562	21.297	ug/l	100
43) Isopropyl Acetate	8.27	43	41105	20.569	ug/l	99
44) Trichloroethene	8.94	130	26803	20.722	ug/l	97
45) 1,2-Dichloropropane	9.22	63	28161	21.471	ug/l	99
46) Dibromomethane	9.30	93	15319	21.384	ug/l	95
47) Bromodichloromethane	9.49	83	36857	21.202	ug/l #	97
48) Methyl methacrylate	9.29	41	17476	19.885	ug/l	95
49) 1,4-Dioxane	9.30	88	6088	437.699	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	113402	103.936	ug/l	100
52) Toluene	10.24	92	66560	20.692	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	38042	20.639	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	45014	21.148	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	24136	21.490	ug/l	98
56) Ethyl methacrylate	10.51	69	34129	21.355	ug/l	98
57) 1,3-Dichloropropane	10.79	76	40084	21.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	87531	101.316	ug/l	99
59) 2-Hexanone	10.83	43	81346	104.506	ug/l	98
60) Dibromochloromethane	10.98	129	24444	20.774	ug/l	99
61) 1,2-Dibromoethane	11.09	107	20532	20.014	ug/l	92
64) Tetrachloroethene	10.71	164	22676	20.249	ug/l	95
65) Chlorobenzene	11.51	112	72335	20.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	25199	21.117	ug/l	99
67) Ethyl Benzene	11.59	91	130404	20.704	ug/l	97
68) m/p-Xylenes	11.70	106	96940	40.448	ug/l	91
69) o-Xylene	12.02	106	49373	21.276	ug/l	95
70) Styrene	12.04	104	81573	20.023	ug/l	97
71) Bromoform	12.21	173	12935	18.724	ug/l #	95
73) Isopropylbenzene	12.33	105	125642	20.622	ug/l	99
74) N-amyl acetate	12.14	43	36678	21.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	30453	21.234	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	38685	36.369	ug/l #	100
77) Bromobenzene	12.60	156	26005	20.441	ug/l	96
78) n-propylbenzene	12.66	91	156870	21.108	ug/l	99
79) 2-Chlorotoluene	12.76	91	87618	21.088	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	106644	21.131	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	10742	19.423	ug/l	97
82) 4-Chlorotoluene	12.85	91	92410	21.509	ug/l	99
83) tert-Butylbenzene	13.07	119	91168	21.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	105864	21.276	ug/l	99
85) sec-Butylbenzene	13.25	105	135377	21.221	ug/l	99
86) p-Isopropyltoluene	13.37	119	113447	20.980	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	52854	20.944	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	53432	21.070	ug/l	100
89) n-Butylbenzene	13.69	91	117619	21.144	ug/l	98
90) Hexachloroethane	13.96	117	23166	21.801	ug/l	92
91) 1,2-Dichlorobenzene	13.74	146	49320	20.801	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5321	20.838	ug/l	88

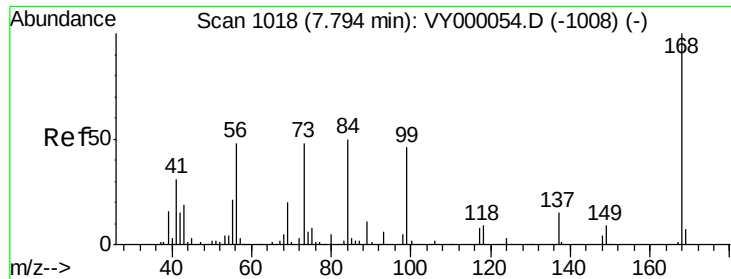
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	30889	21.590	ug/l	95
94) Hexachlorobutadiene	15.10	225	13358	19.446	ug/l	90
95) Naphthalene	15.23	128	84074	20.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	27674	20.268	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

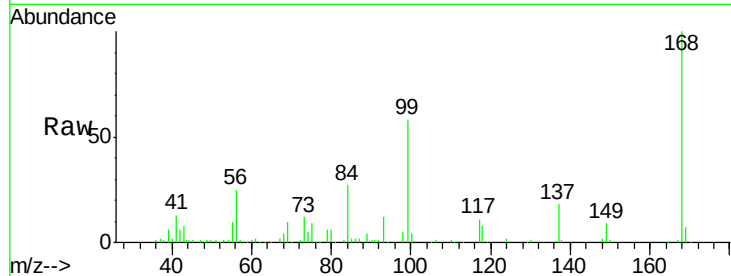
ClientSampleId :

Tot Ion:168 Resp: 104436

Ion Ratio Lower Upper

168 100

99 58.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

50000

40000

30000

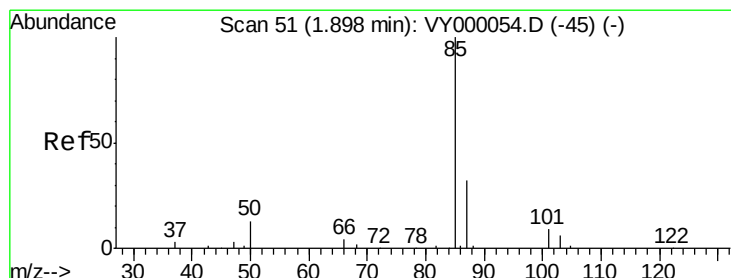
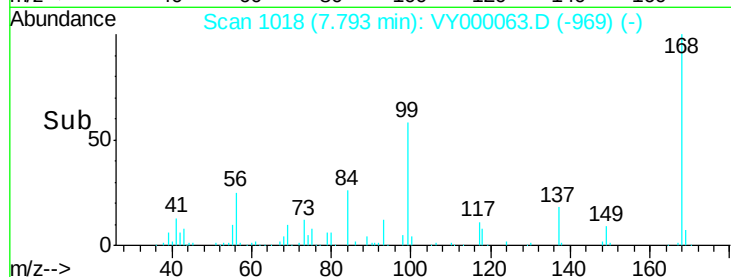
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.873 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000063.D

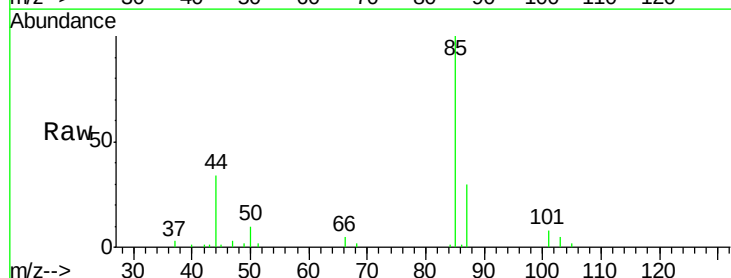
Acq: 18 Sep 2019 16:19

Tgt Ion: 85 Resp: 18321

Ion Ratio Lower Upper

85 100

87 30.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000054.D (-45) (-)

1.90

12000

10000

8000

6000

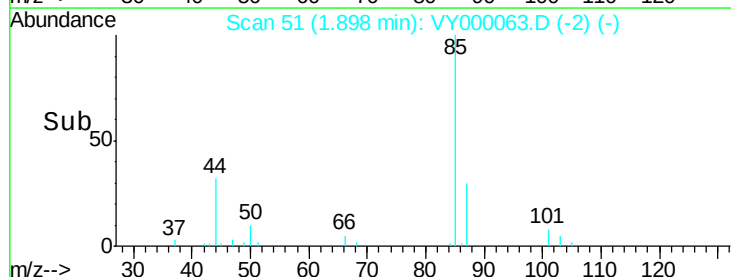
4000

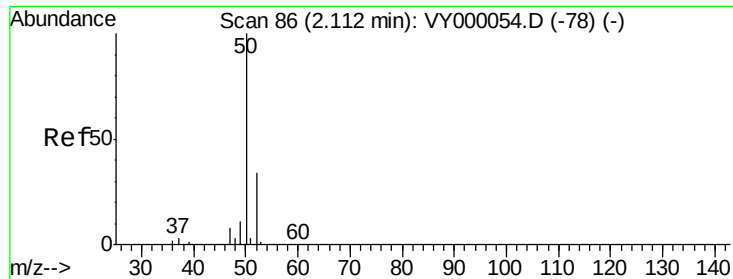
2000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.849 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

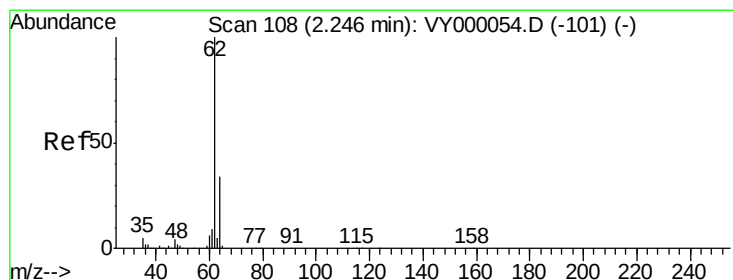
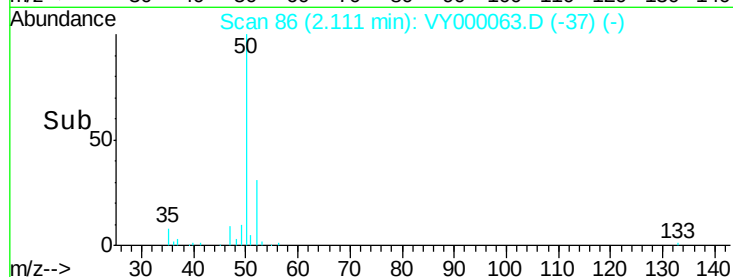
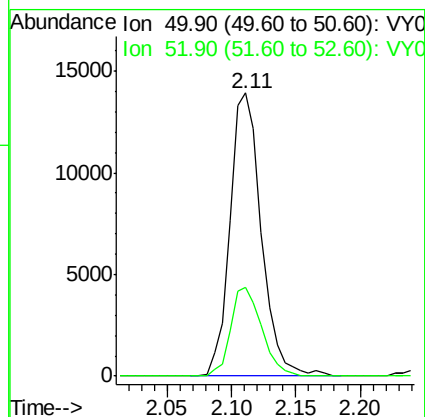
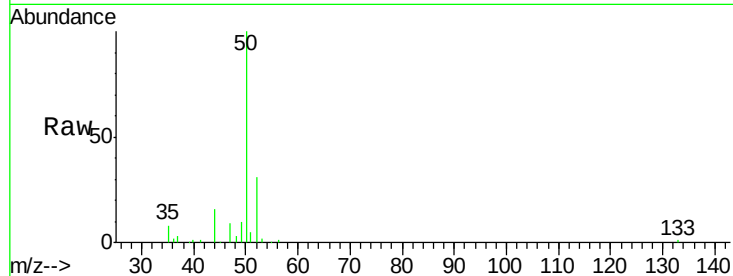
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 23707

Ion Ratio Lower Upper

50 100

52 31.5 27.3 40.9



#4

Vinyl Chloride

Concen: 21.188 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000063.D

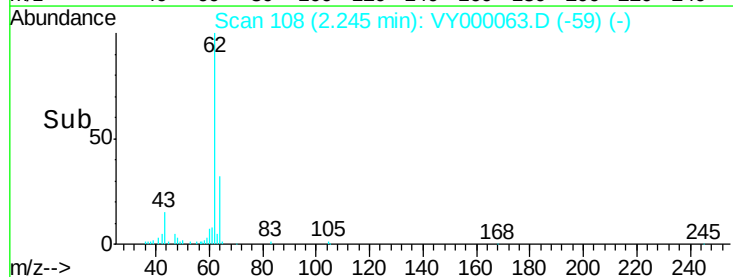
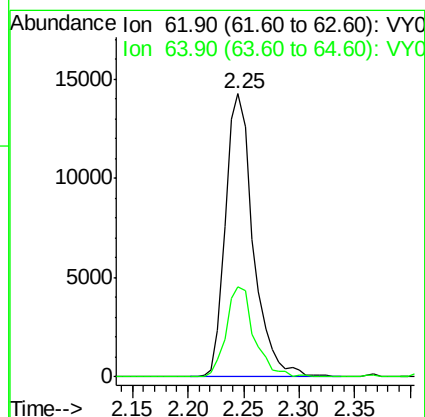
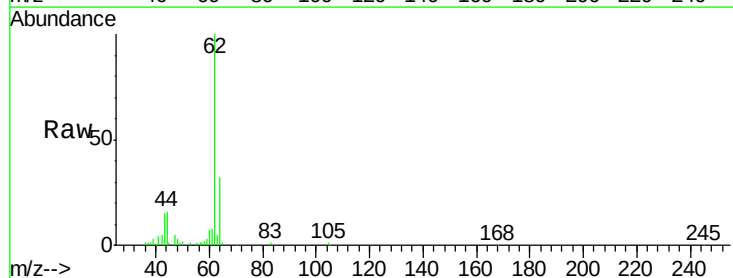
Acq: 18 Sep 2019 16:19

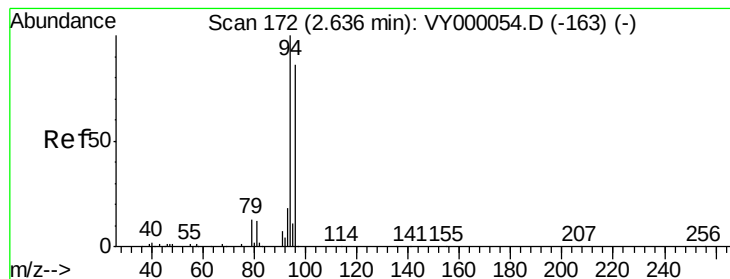
Tgt Ion: 62 Resp: 24691

Ion Ratio Lower Upper

62 100

64 31.9 26.9 40.3





#5

Bromomethane

Concen: 22.139 ug/l

RT: 2.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

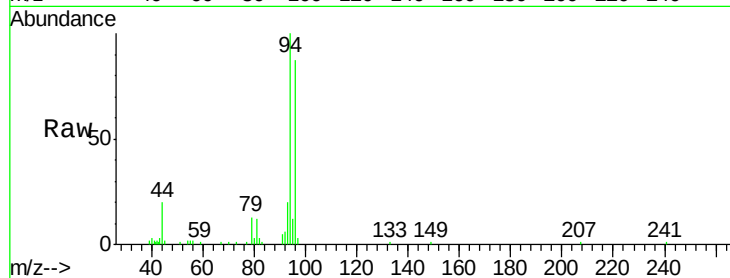
ClientSampleId :

Tot Ion: 94 Resp: 17505

Ion Ratio Lower Upper

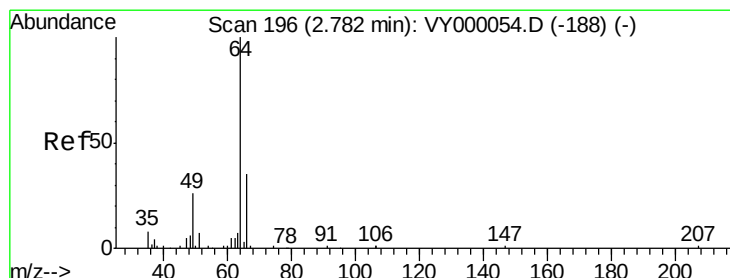
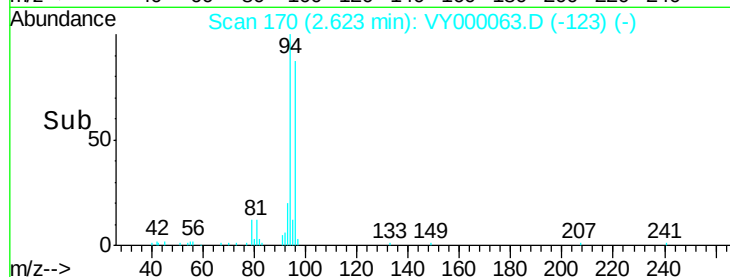
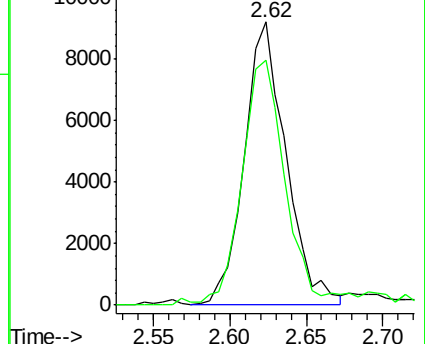
94 100

96 85.6 69.1 103.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.669 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VY000063.D

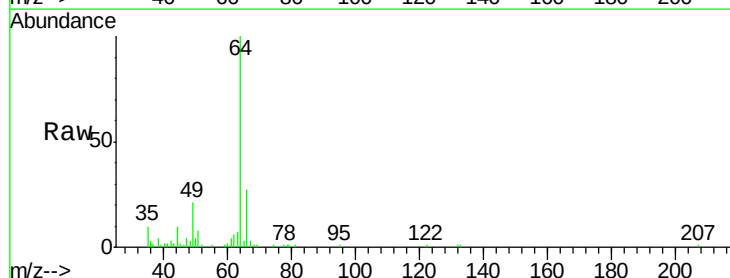
Acq: 18 Sep 2019 16:19

Tgt Ion: 64 Resp: 16926

Ion Ratio Lower Upper

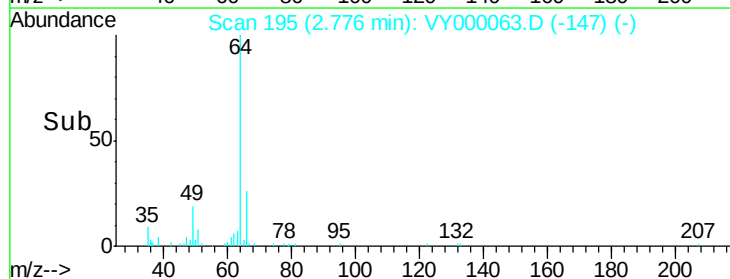
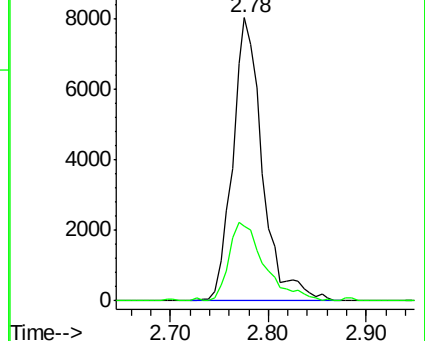
64 100

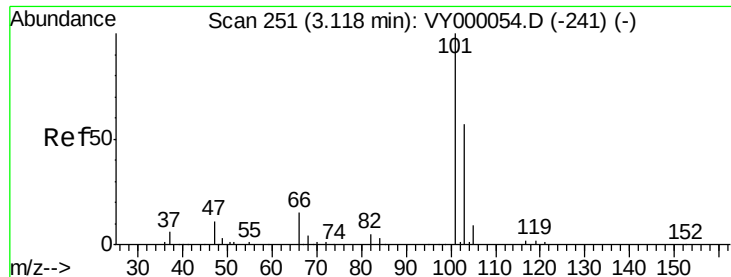
66 26.6 27.7 41.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



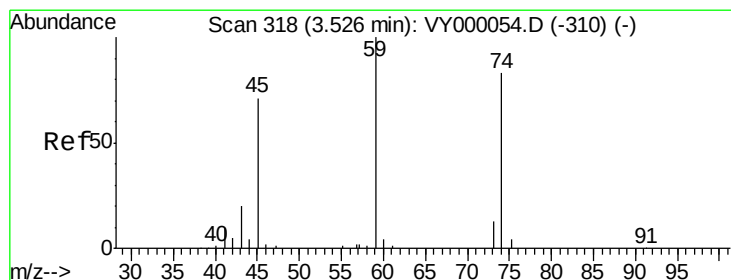
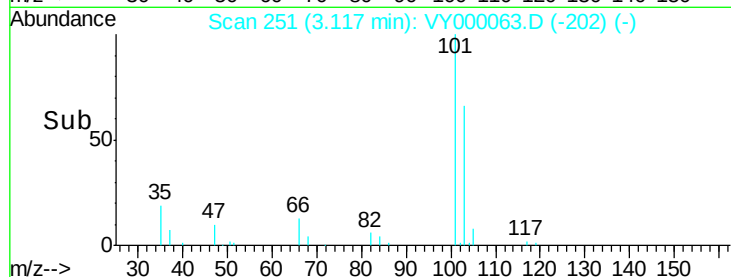
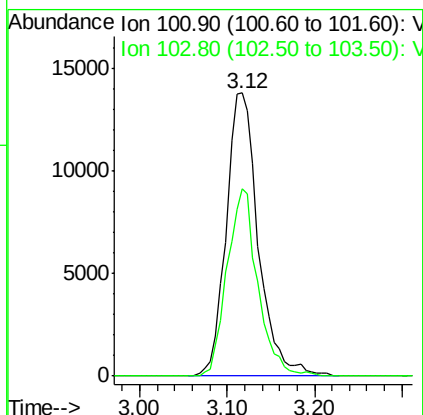
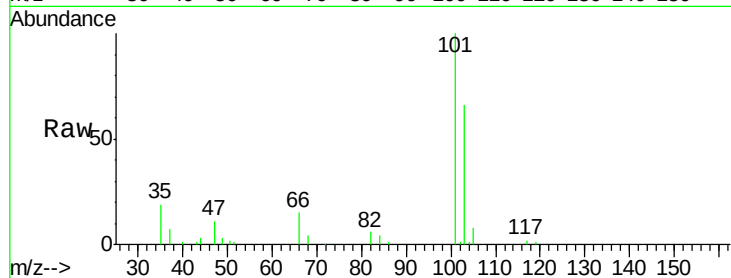


#7

Trichlorofluoromethane
Concen: 21.870 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :

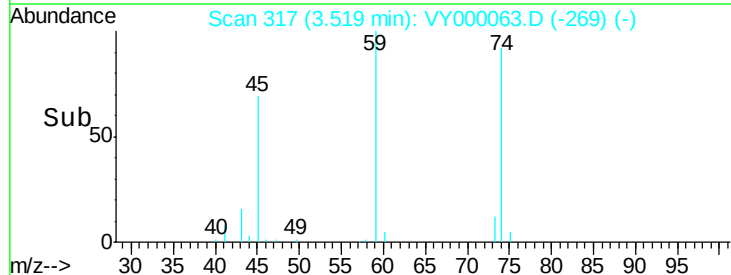
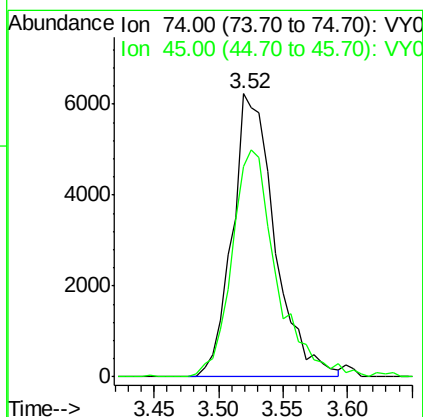
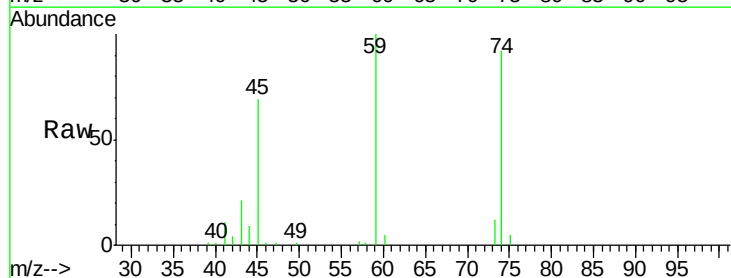
Tot Ion:101 Resp: 35237
Ion Ratio Lower Upper
101 100
103 66.2 45.7 68.5

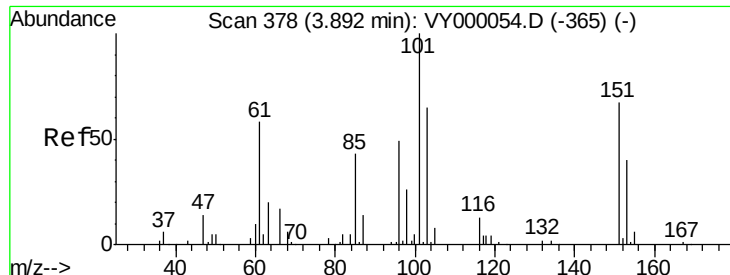


#8

Diethyl Ether
Concen: 20.618 ug/l
RT: 3.52 min Scan# 317
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 74 Resp: 14224
Ion Ratio Lower Upper
74 100
45 84.6 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.507 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampled :

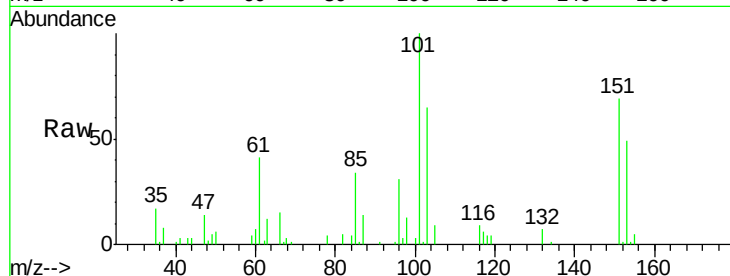
Tot Ion:101 Resp: 23773

Ion Ratio Lower Upper

101 100

85 45.0 36.8 55.2

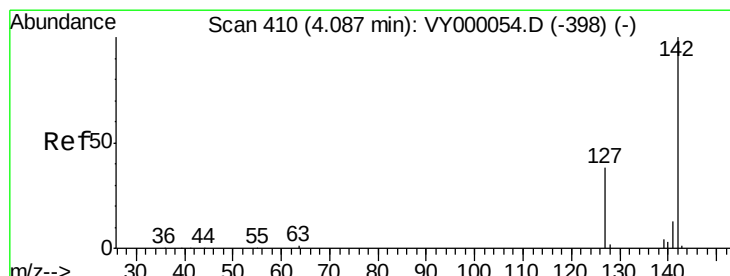
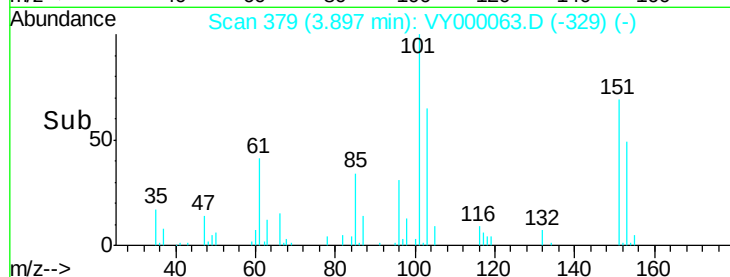
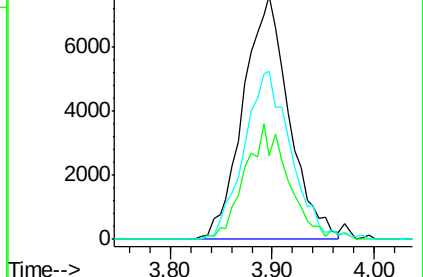
151 70.8 54.4 81.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.263 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

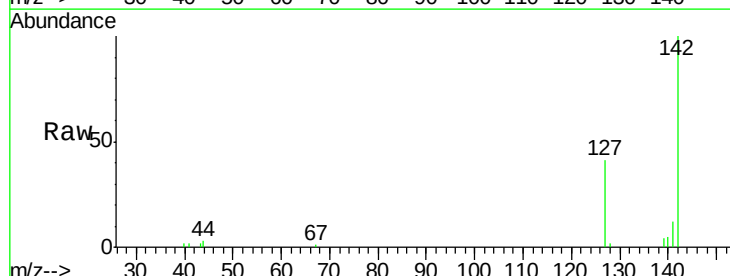
Tgt Ion:142 Resp: 20994

Ion Ratio Lower Upper

142 100

127 40.6 31.6 47.4

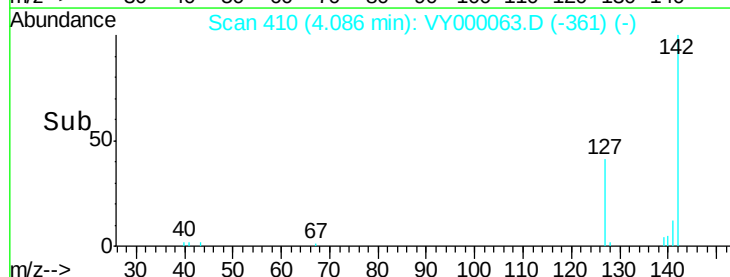
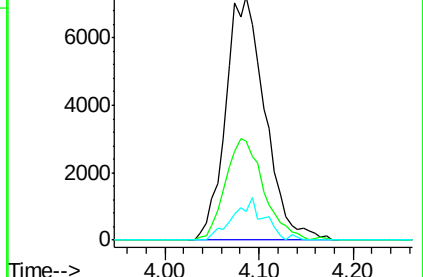
141 13.4 10.9 16.3

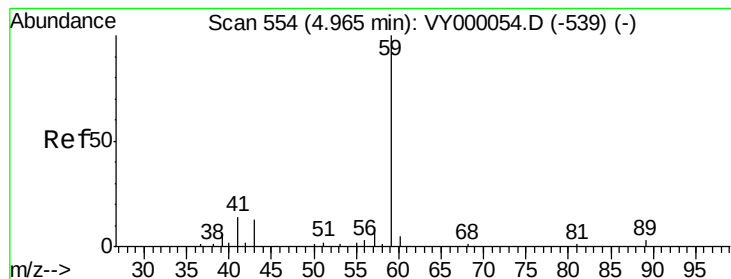


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



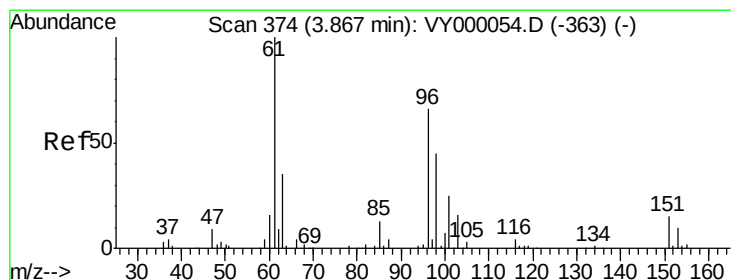
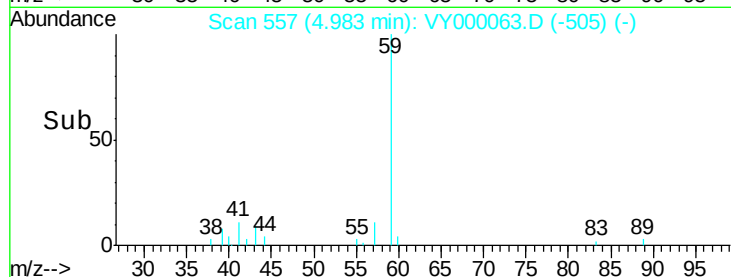
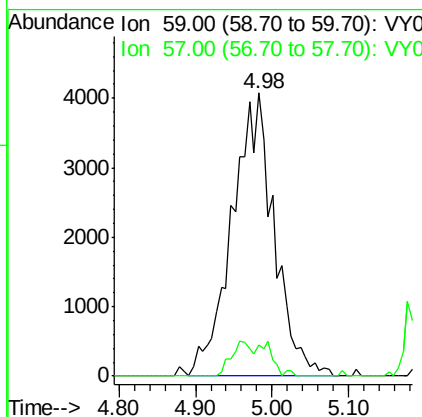
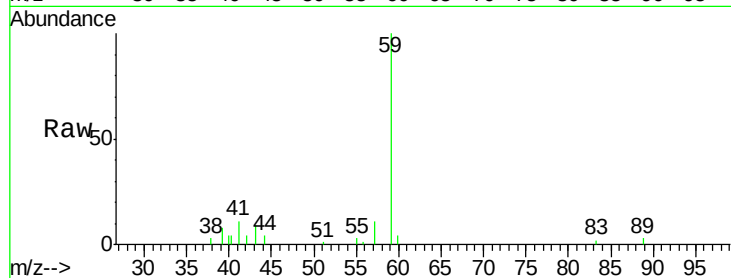


#11

Tert butyl alcohol
 Concen: 108.667 ug/l
 RT: 4.98 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :

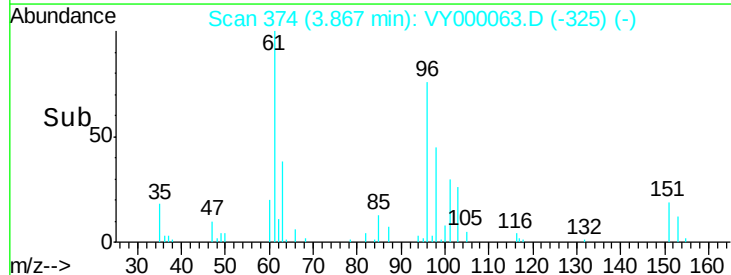
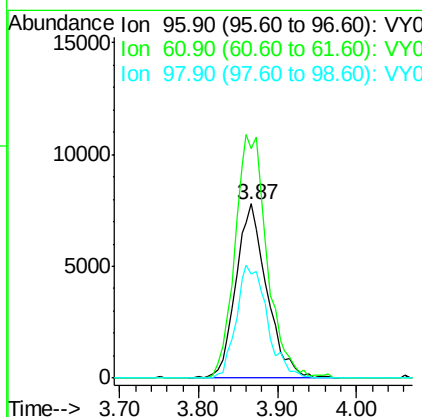
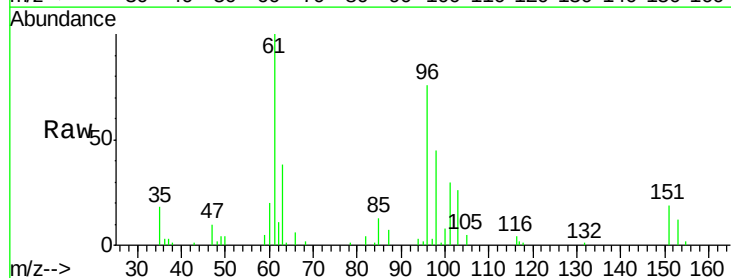
Tot Ion: 59 Resp: 15479
 Ion Ratio Lower Upper
 59 100
 57 4.5 8.0 12.0#

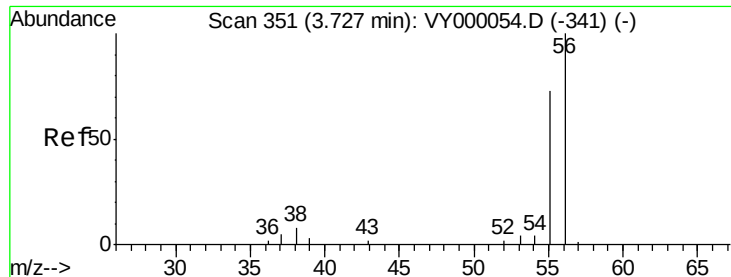


#12

1,1-Dichloroethene
 Concen: 20.849 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 96 Resp: 21245
 Ion Ratio Lower Upper
 96 100
 61 132.0 120.4 180.6
 98 59.6 54.1 81.1





#13

Acrolein

Concen: 130.476 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

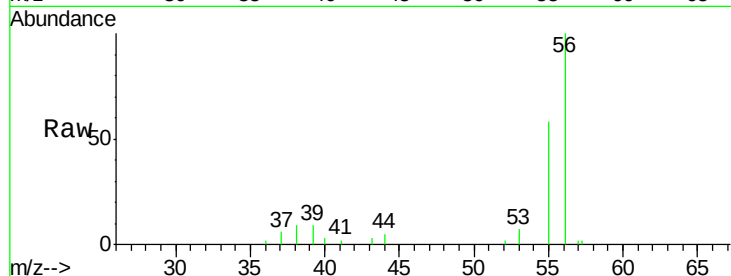
ClientSampled :

Tot Ion: 56 Resp: 10396

Ion Ratio Lower Upper

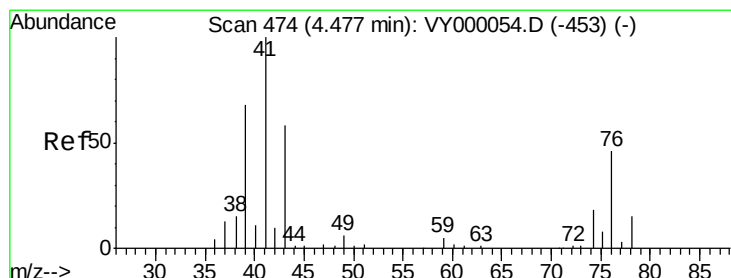
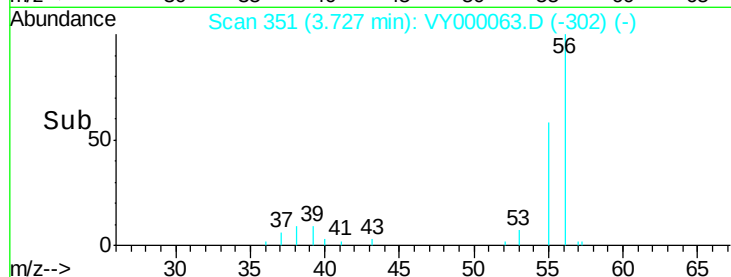
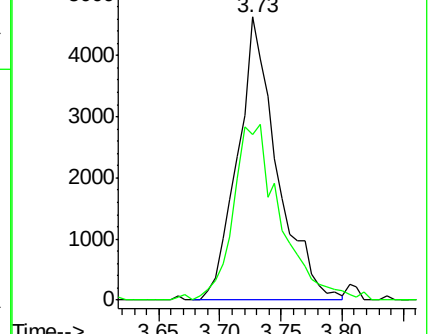
56 100

55 73.7 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.387 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

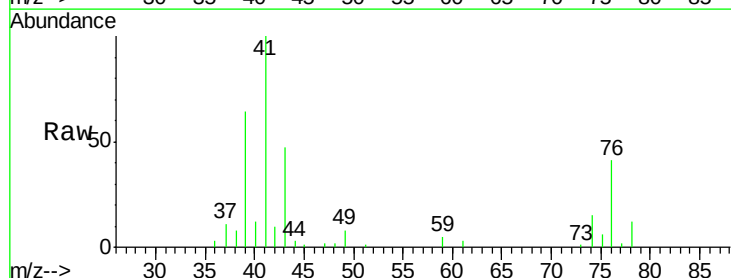
Tgt Ion: 41 Resp: 33309

Ion Ratio Lower Upper

41 100

39 64.8 52.7 79.1

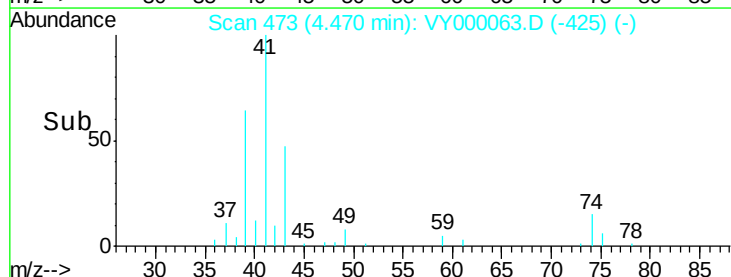
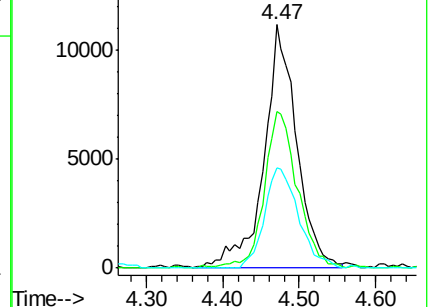
76 42.6 35.5 53.3

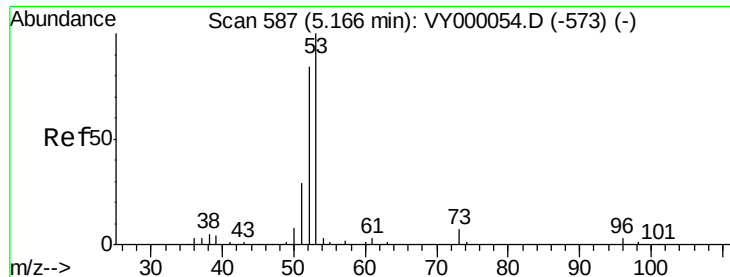


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 104.917 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

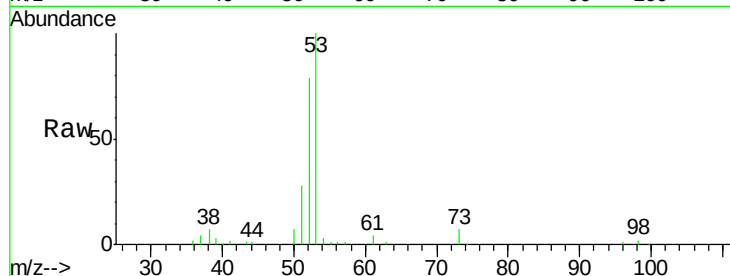
Tot Ion: 53 Resp: 43403

Ion Ratio Lower Upper

53 100

52 81.9 64.7 97.1

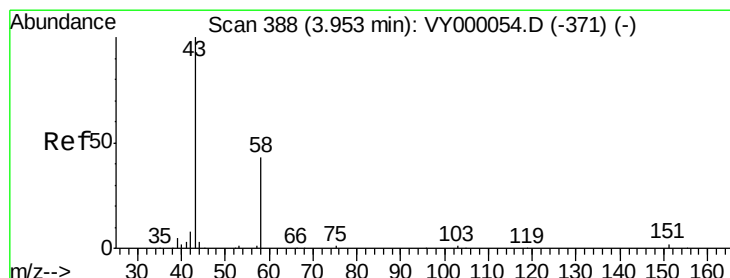
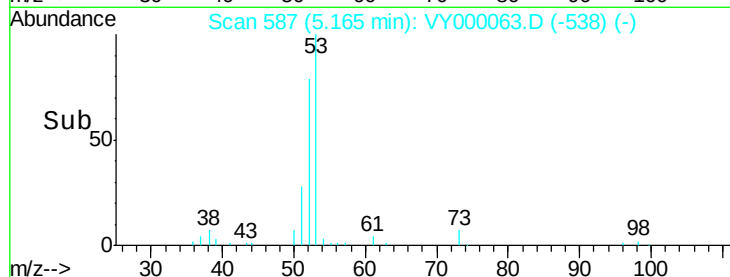
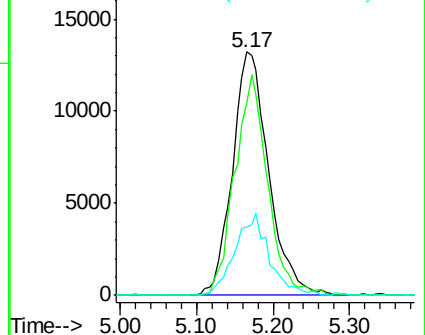
51 31.9 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 110.885 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY000063.D

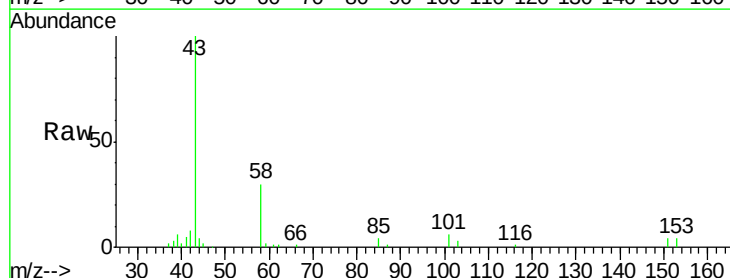
Acq: 18 Sep 2019 16:19

Tgt Ion: 43 Resp: 31021

Ion Ratio Lower Upper

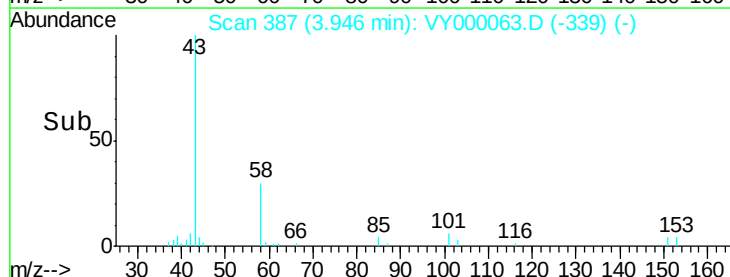
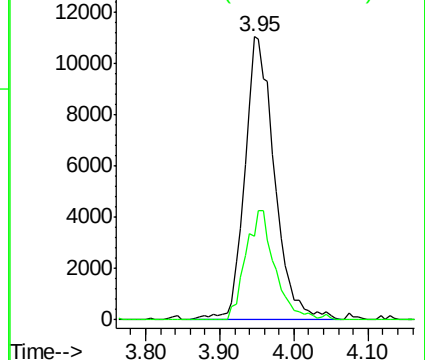
43 100

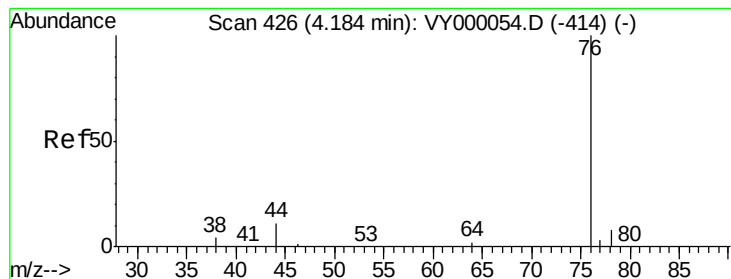
58 29.8 34.5 51.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.939 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

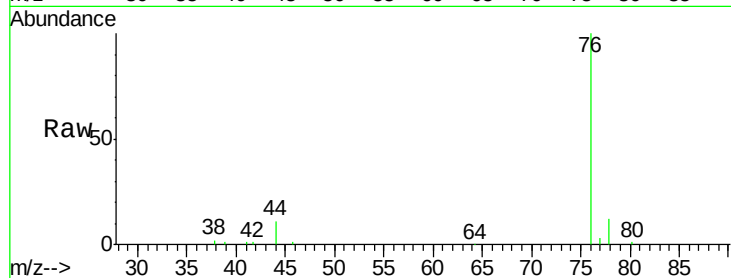
ClientSampleId :

Tot Ion: 76 Resp: 41369

Ion Ratio Lower Upper

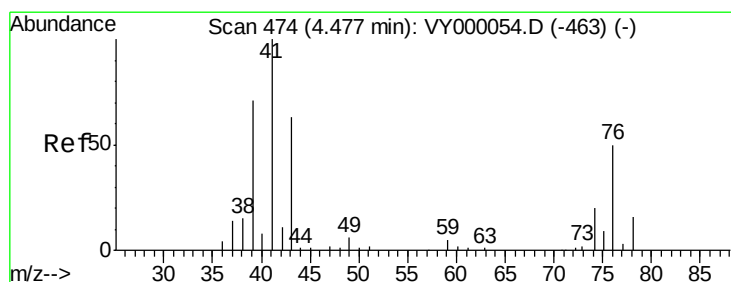
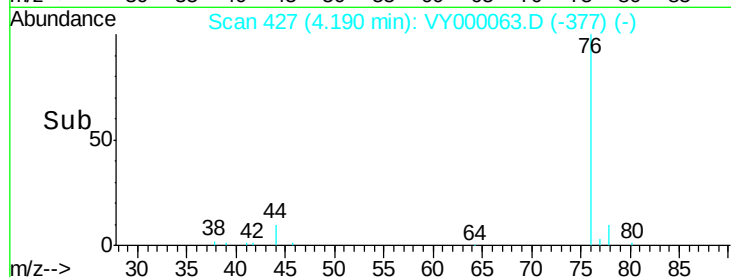
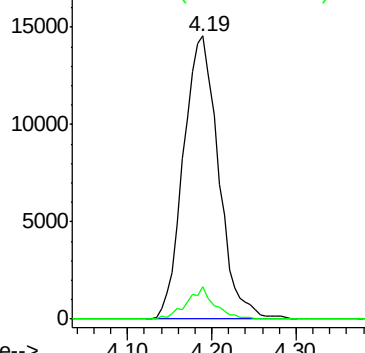
76 100

78 11.6 6.6 9.8#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.721 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000063.D

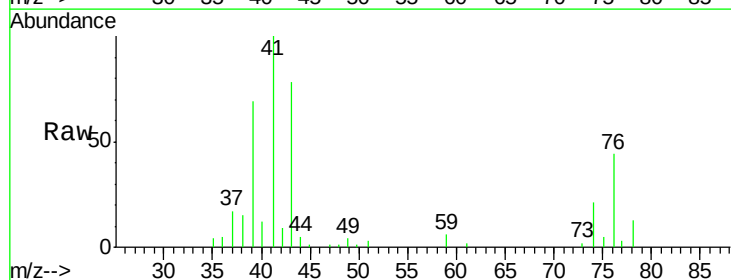
Acq: 18 Sep 2019 16:19

Tgt Ion: 43 Resp: 19367

Ion Ratio Lower Upper

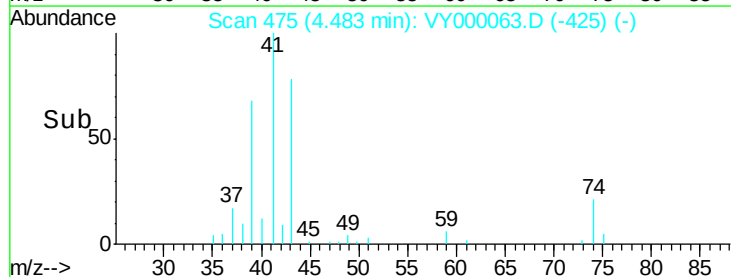
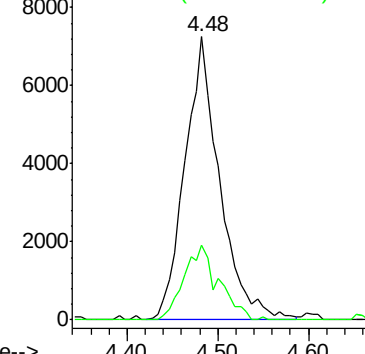
43 100

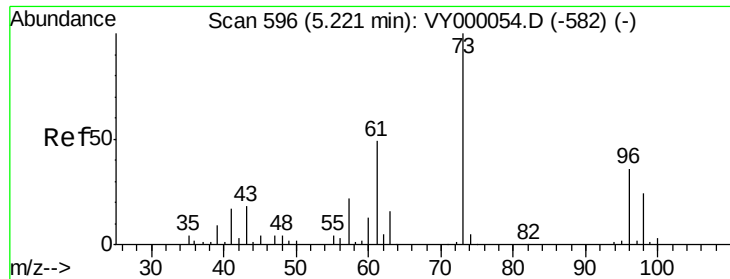
74 26.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

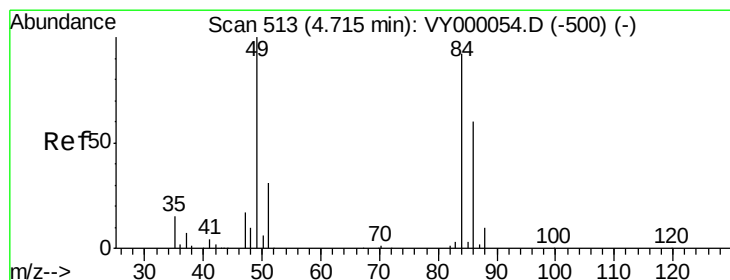
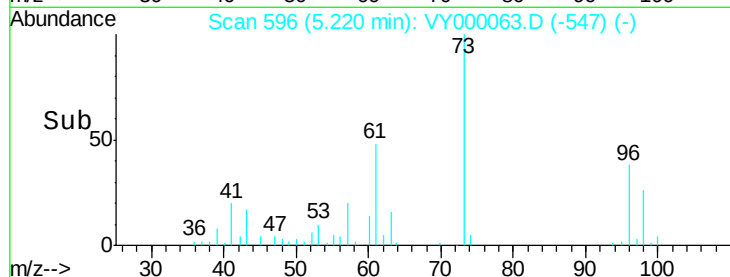
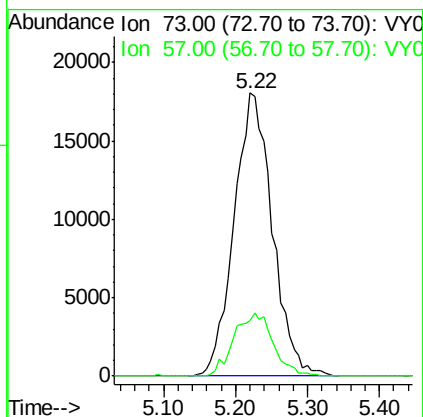
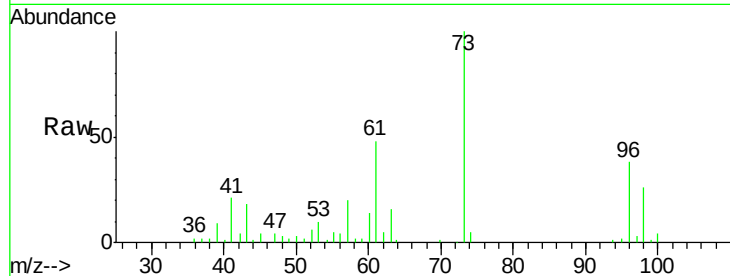




#19
Methyl tert-butyl Ether
Concen: 20.949 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

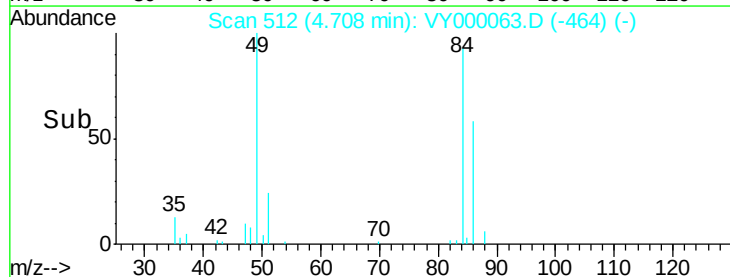
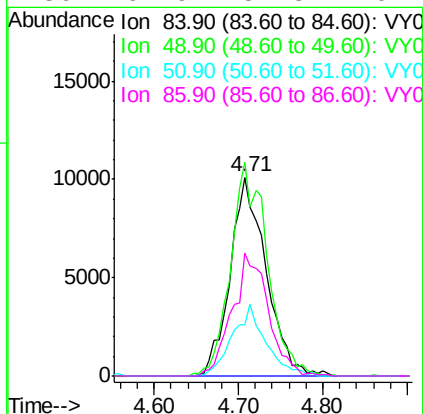
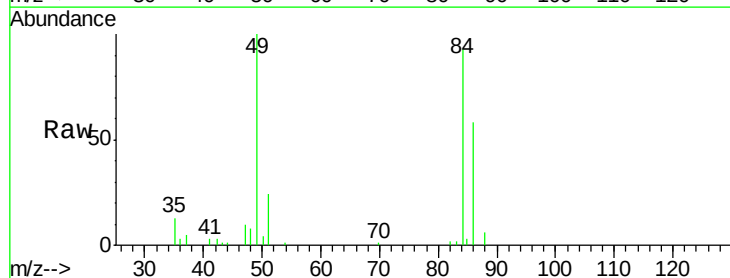
Instrument :
MSVOA_Y
ClientSampled :

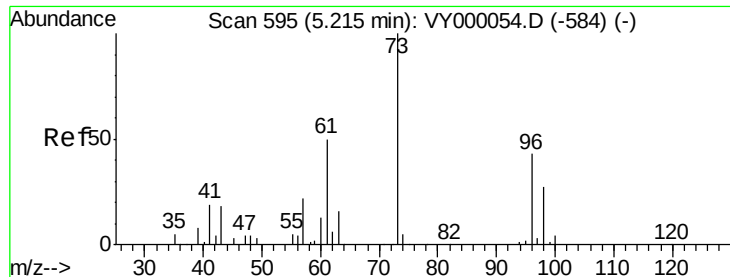
Tot Ion: 73 Resp: 66711
Ion Ratio Lower Upper
73 100
57 19.7 17.5 26.3



#20
Methylene Chloride
Concen: 22.229 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 84 Resp: 29255
Ion Ratio Lower Upper
84 100
49 107.5 87.4 131.0
51 25.9 27.2 40.8#
86 61.9 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 21.273 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

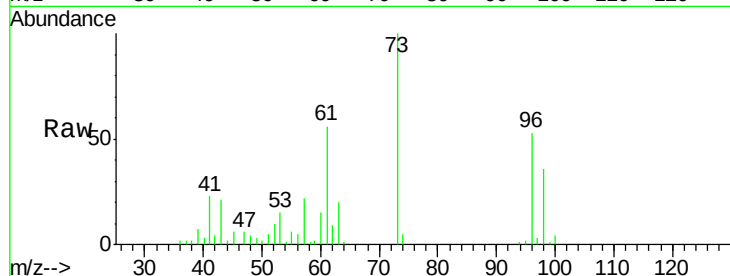
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 96 Resp: 24097

Ion	Ratio	Lower	Upper
96	100		
61	106.3	94.0	141.0
98	68.0	50.3	75.5

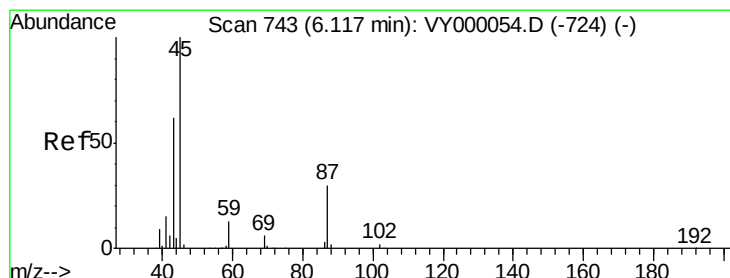
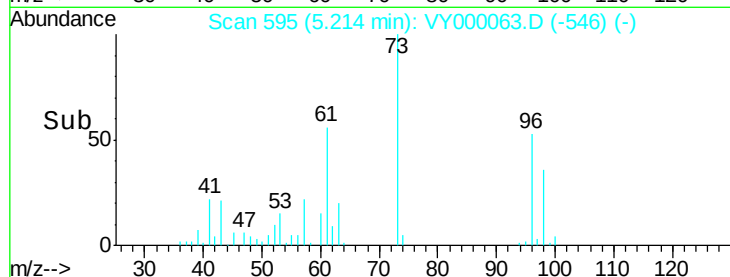
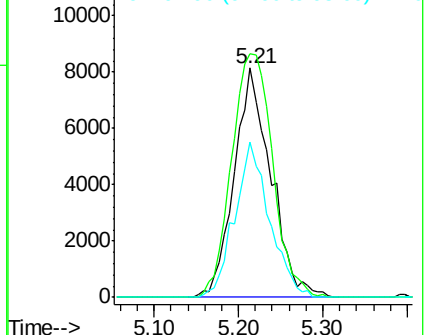


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.101 ug/l

RT: 6.13 min Scan# 745

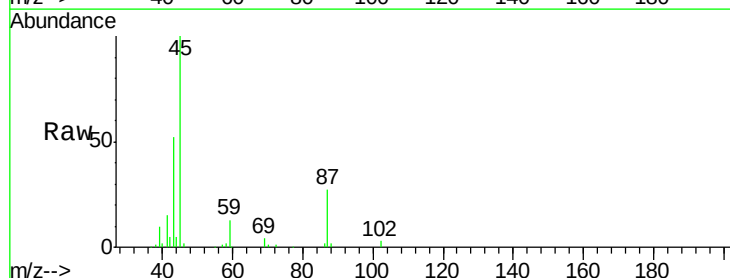
Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion: 45 Resp: 77770

Ion	Ratio	Lower	Upper
45	100		
43	51.0	49.9	74.9
87	27.0	25.0	37.4
59	13.4	10.4	15.6



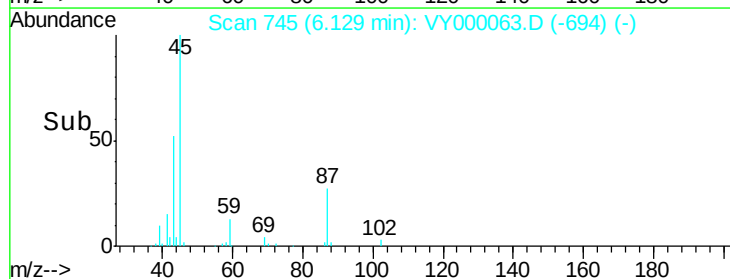
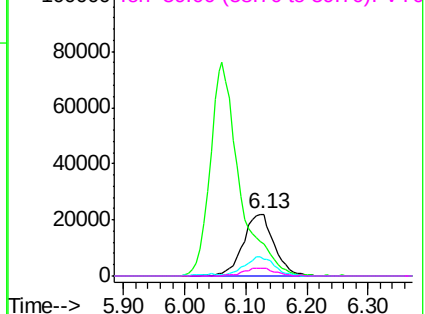
Abundance

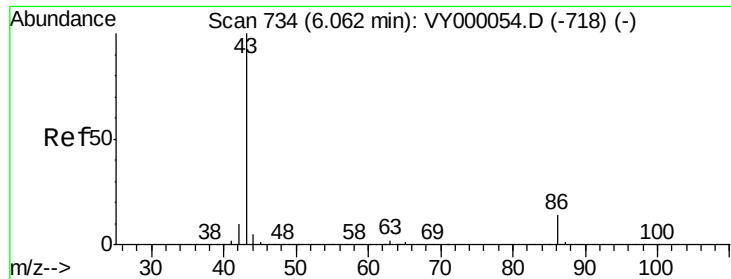
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.273 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

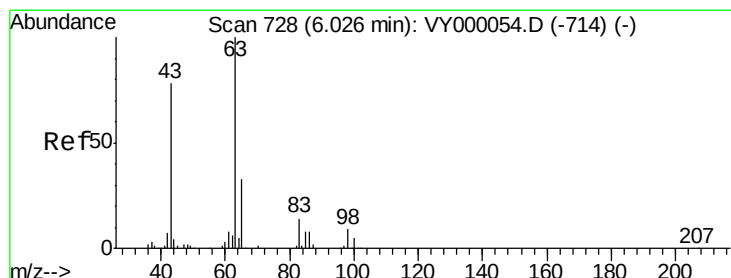
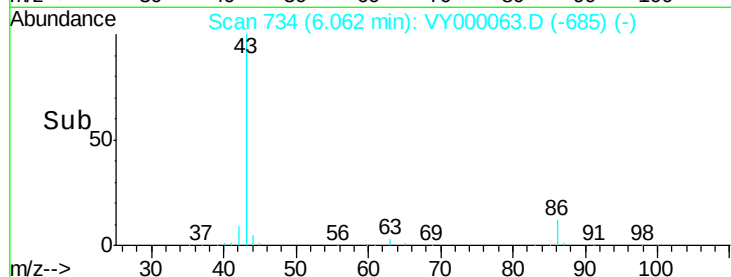
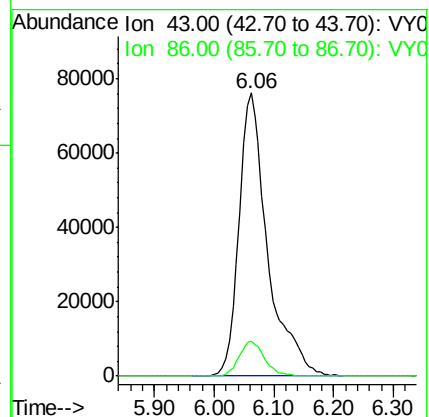
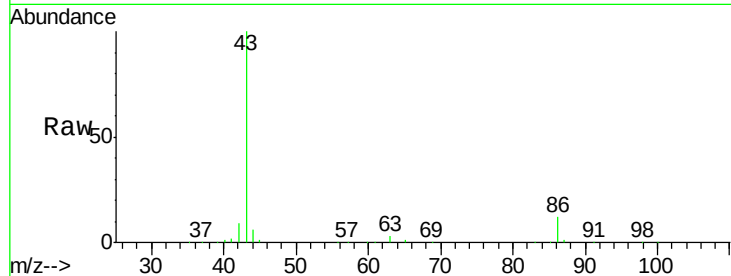
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 254990

Ion Ratio Lower Upper

43 100

86 12.5 11.3 16.9



#24

1,1-Dichloroethane

Concen: 21.719 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

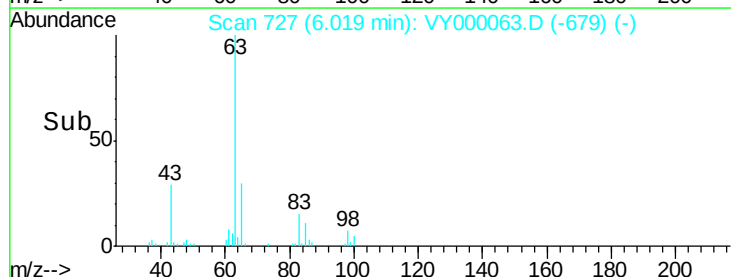
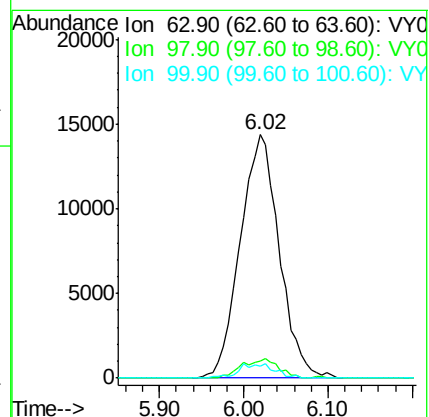
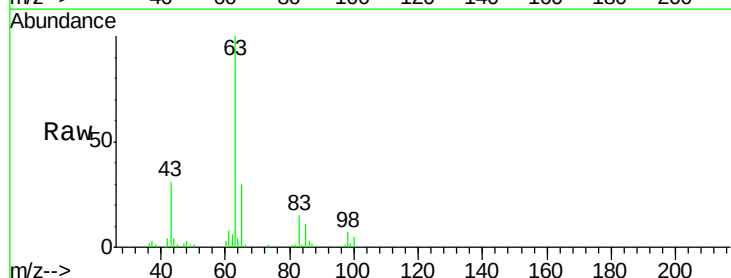
Tgt Ion: 63 Resp: 45233

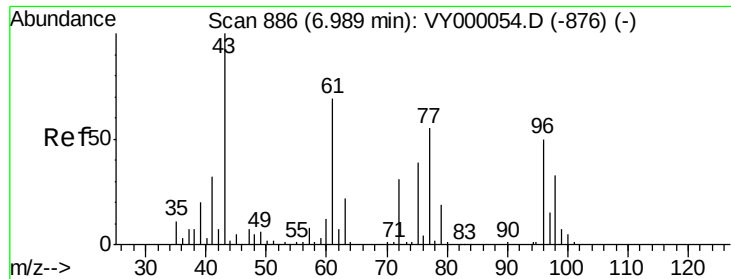
Ion Ratio Lower Upper

63 100

98 7.0 4.5 13.5

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 102.146 ug/l

RT: 7.00 min Scan# 888

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

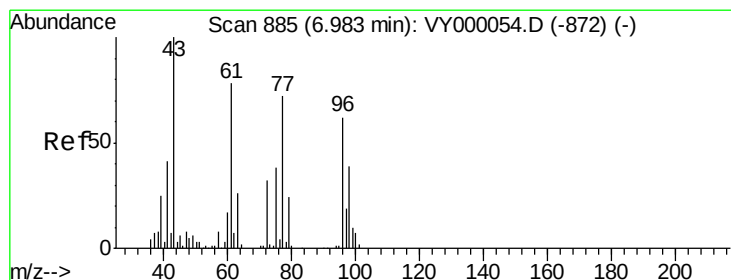
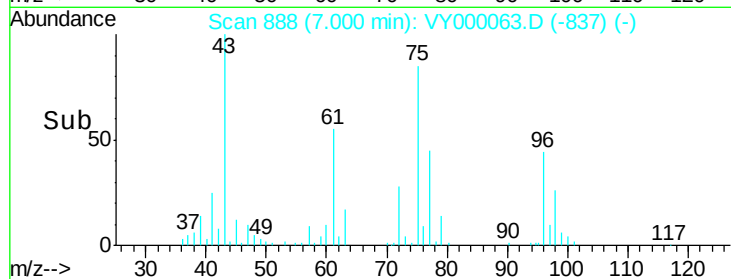
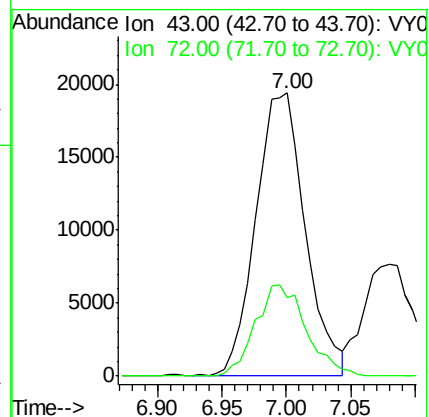
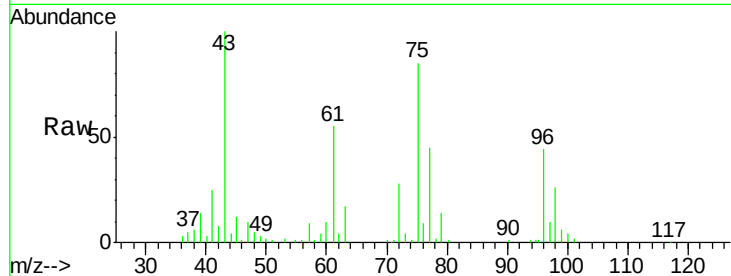
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 51759

Ion Ratio Lower Upper

43 100

72 27.6 24.7 37.1



#26

2,2-Dichloropropane

Concen: 21.479 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000063.D

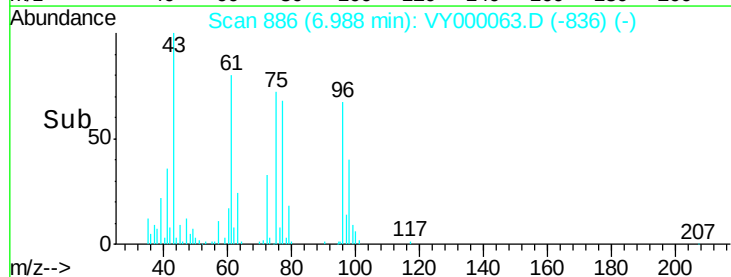
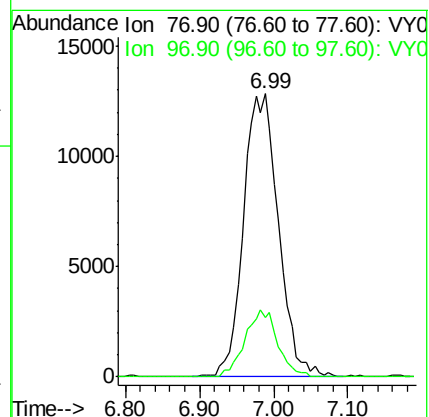
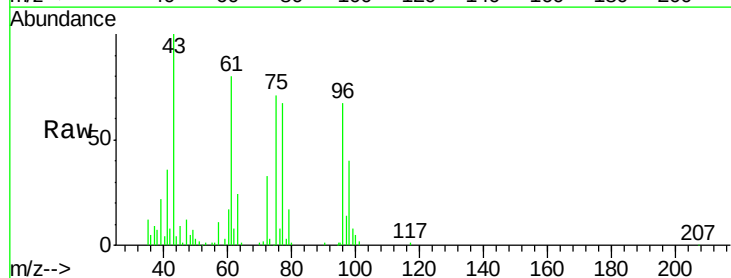
Acq: 18 Sep 2019 16:19

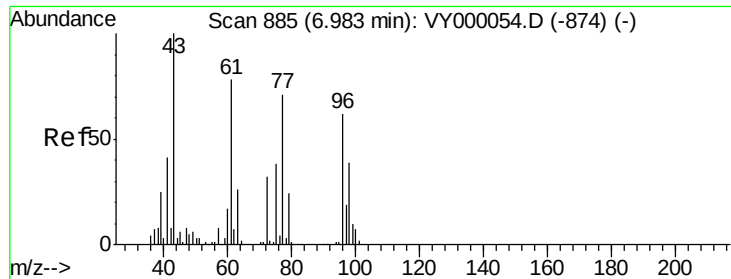
Tgt Ion: 77 Resp: 42216

Ion Ratio Lower Upper

77 100

97 22.1 12.5 37.5



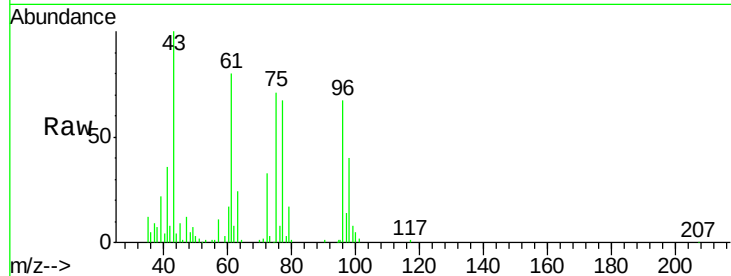


#27

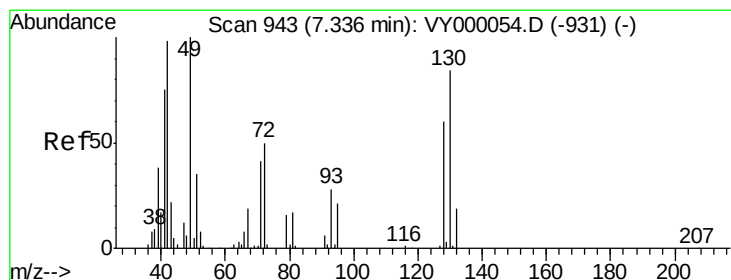
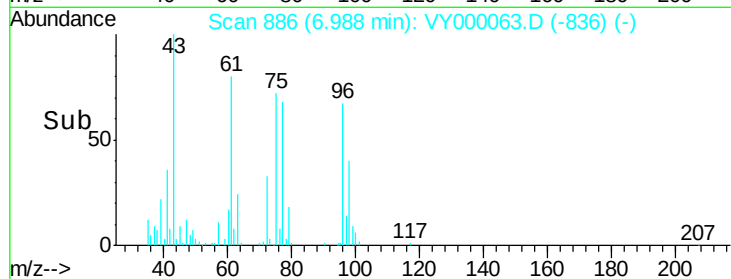
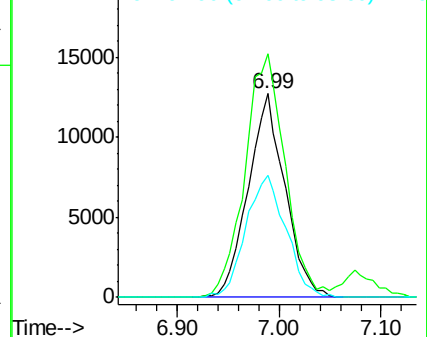
cis-1,2-Dichloroethene
Concen: 22.269 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	31938
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	263.0
98	65.0	0.0	130.2



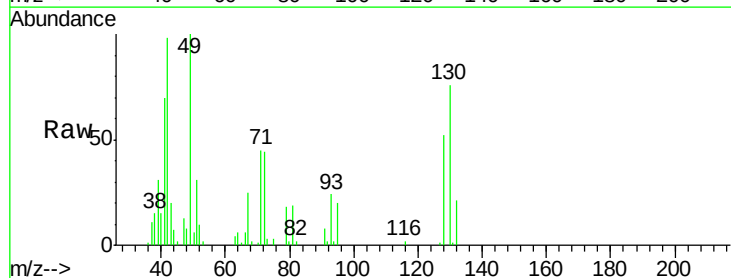
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



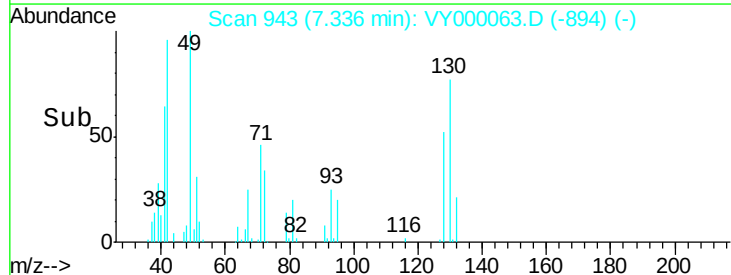
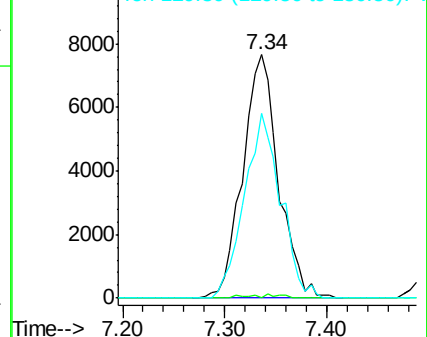
#28

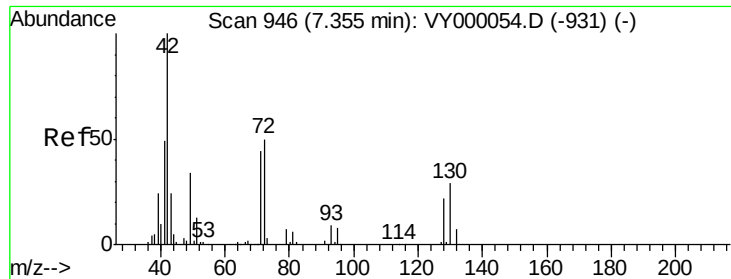
Bromochloromethane
Concen: 19.337 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	49	Resp	18668
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.8
130	77.1	66.2	99.4



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

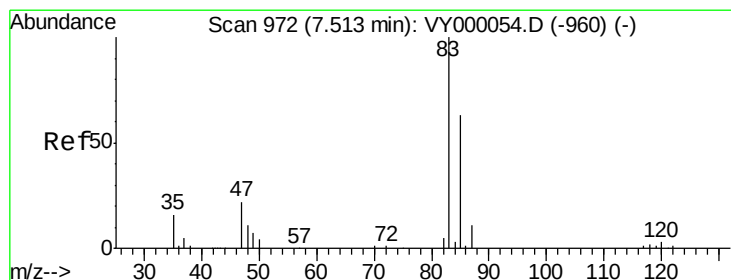
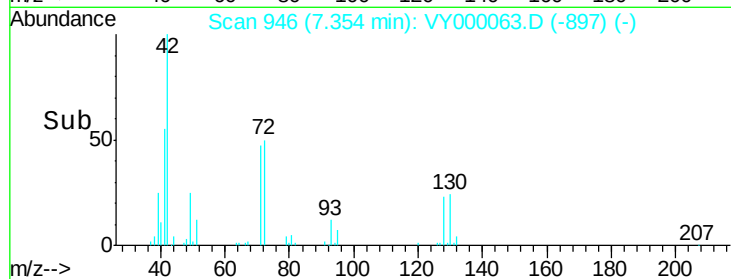
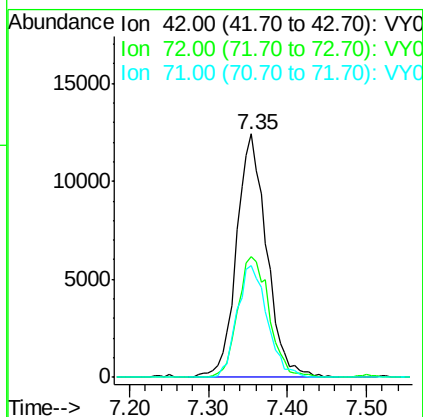
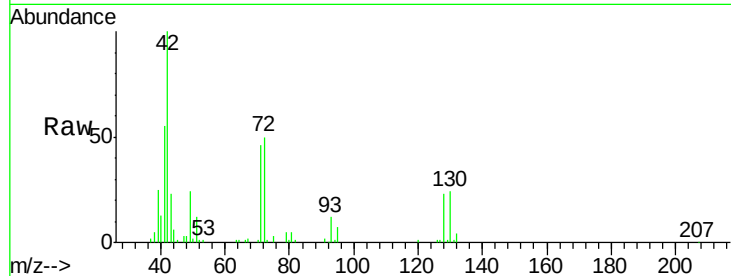




#29
Tetrahydrofuran
Concen: 108.470 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

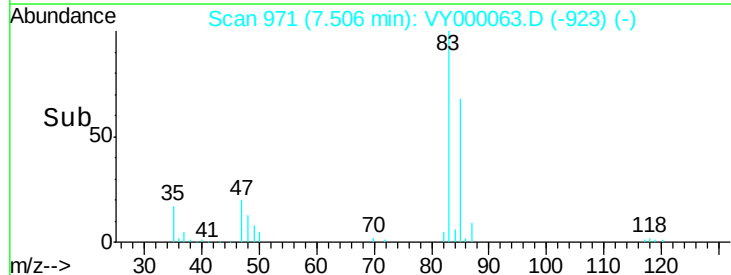
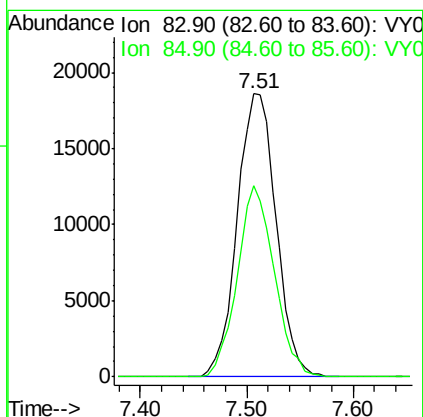
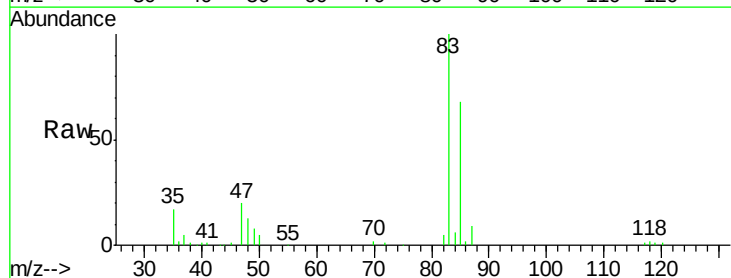
Instrument :
MSVOA_Y
ClientSampleId :

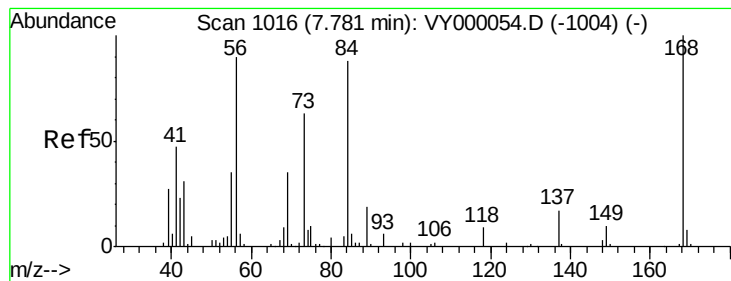
Tot Ion: 42 Resp: 32996
Ion Ratio Lower Upper
42 100
72 51.9 41.8 62.6
71 45.9 38.6 58.0



#30
Chloroform
Concen: 22.164 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 83 Resp: 47636
Ion Ratio Lower Upper
83 100
85 67.7 50.6 76.0





#31

Cyclohexane

Concen: 22.388 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampled :

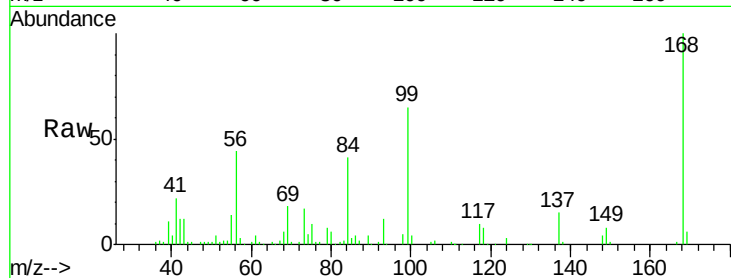
Tot Ion: 56 Resp: 36771

Ion Ratio Lower Upper

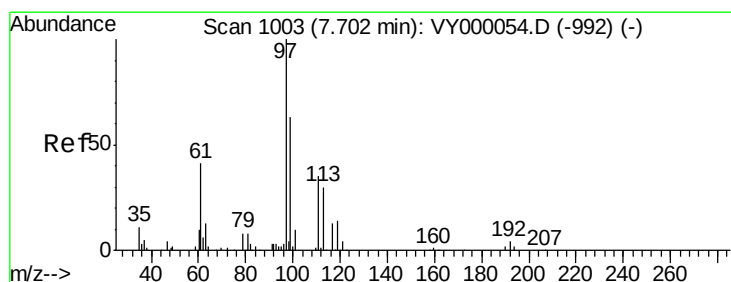
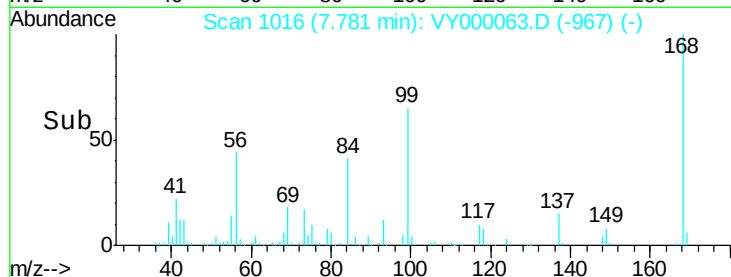
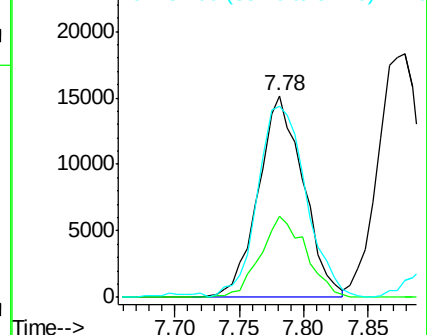
56 100

69 40.4 30.9 46.3

84 92.9 78.5 117.7



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.640 ug/l

RT: 7.71 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

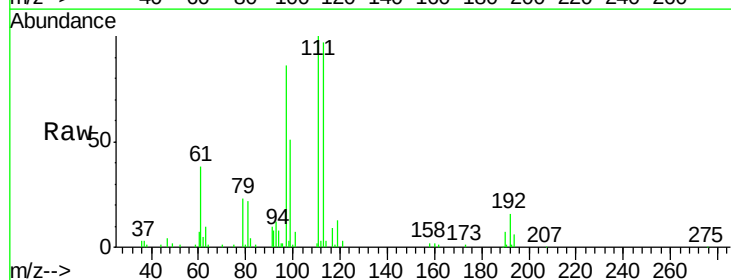
Tgt Ion: 97 Resp: 37777

Ion Ratio Lower Upper

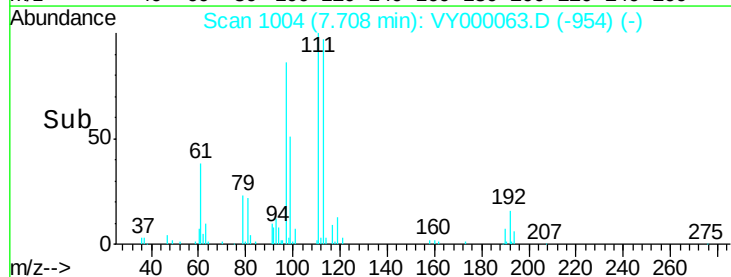
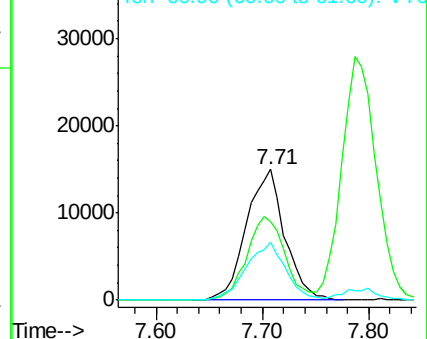
97 100

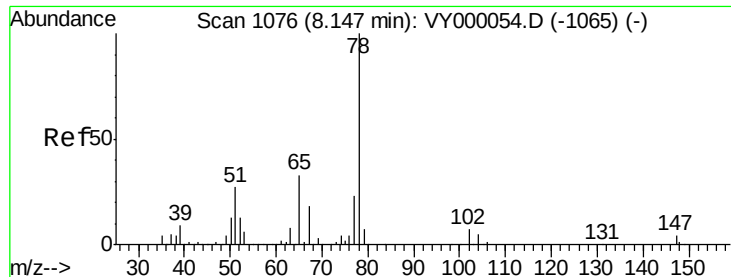
99 64.1 51.8 77.6

61 45.3 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

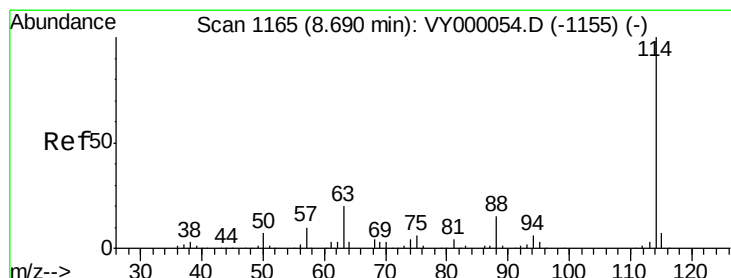
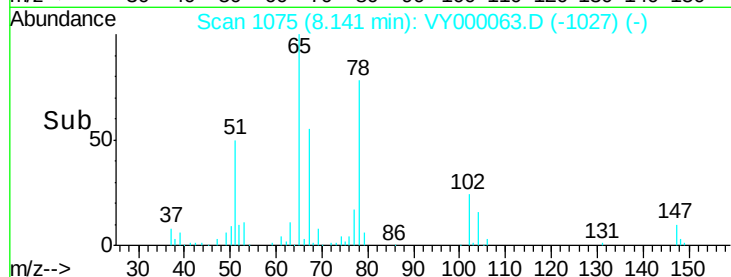
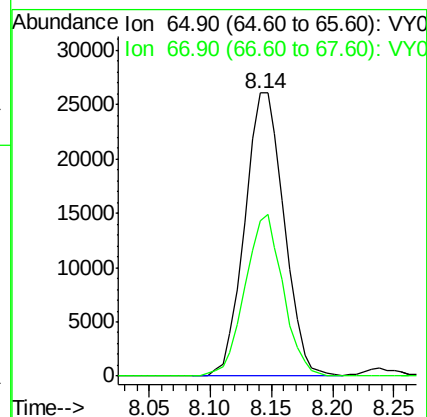
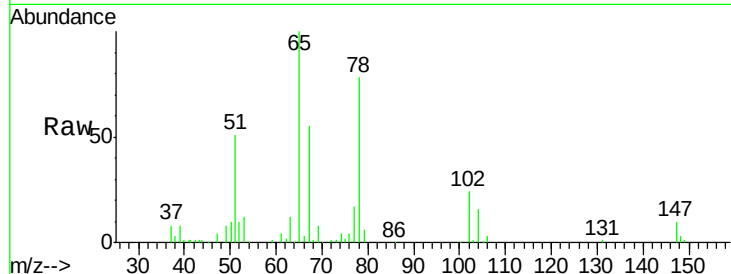




#33
 1,2-Dichloroethane-d4
 Concen: 48.347 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

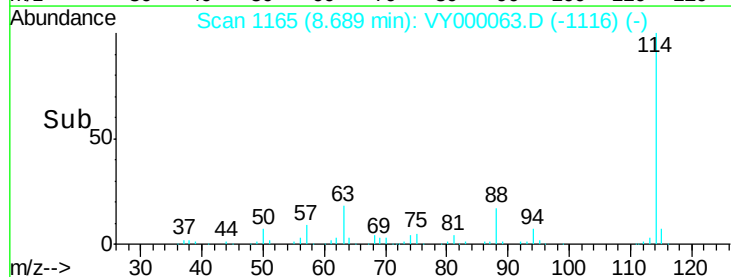
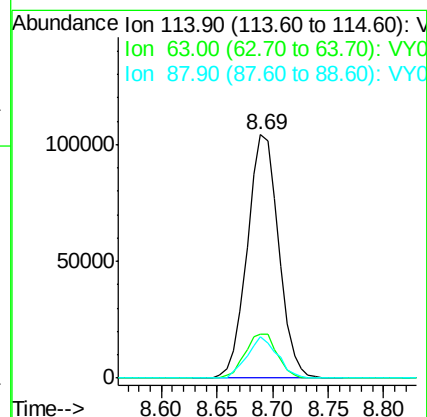
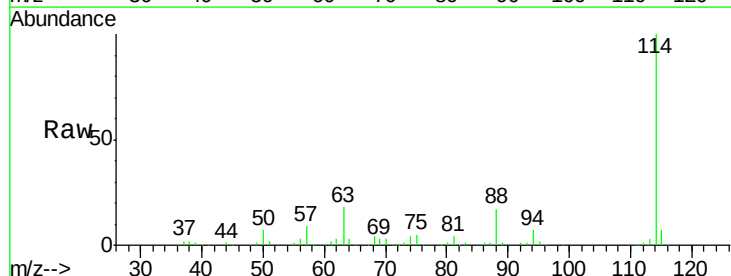
Instrument :
 MSVOA_Y
 ClientSampled :

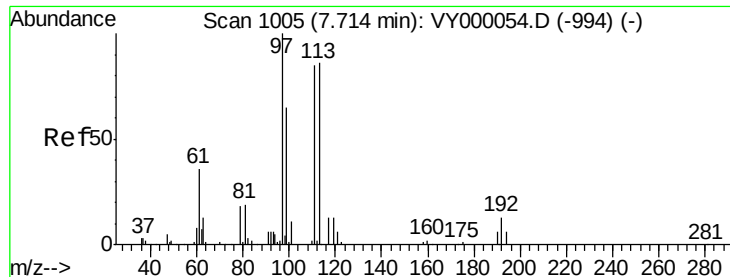
Tot Ion: 65 Resp: 58091
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 114 Resp: 205012
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.4
 88 16.9 0.0 30.2

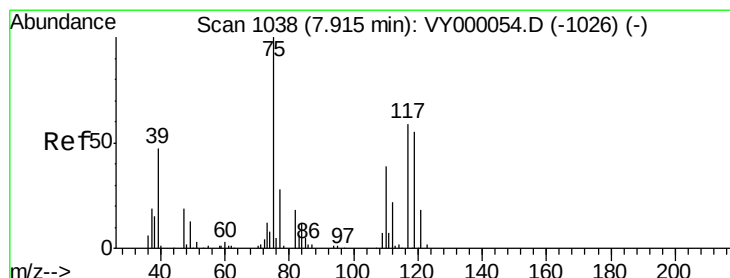
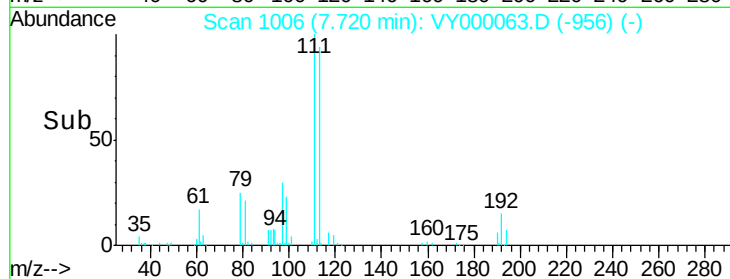
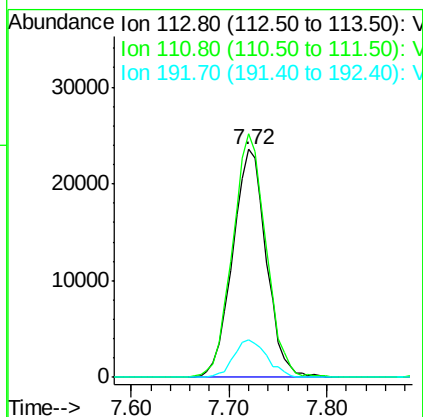
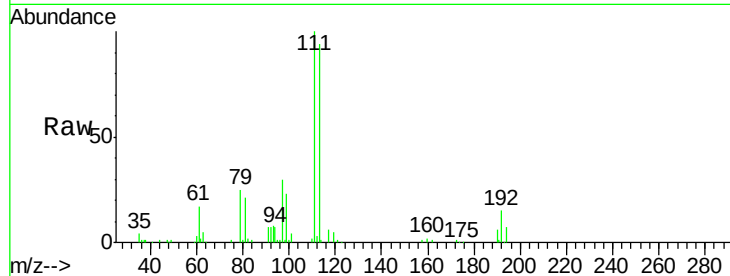




#35
 Dibromofluoromethane
 Concen: 45.158 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

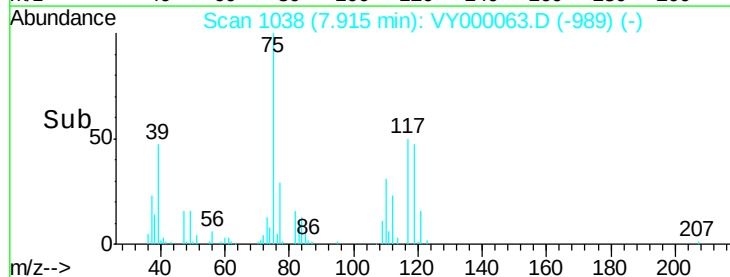
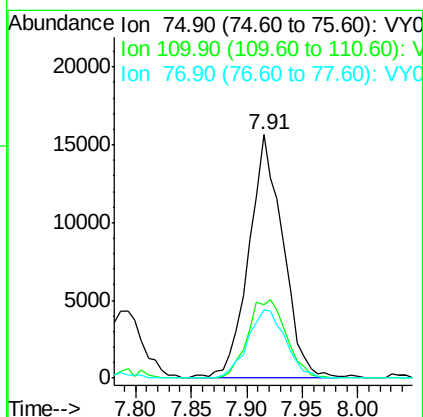
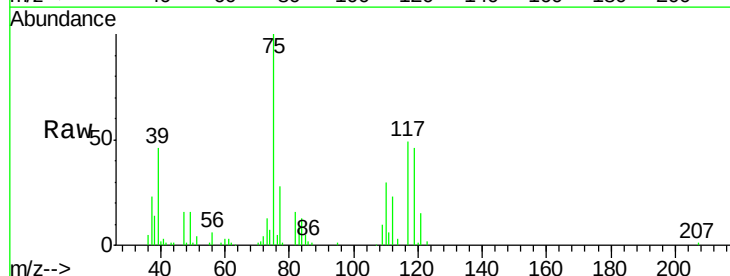
Instrument :
 MSVOA_Y
 ClientSampleId :

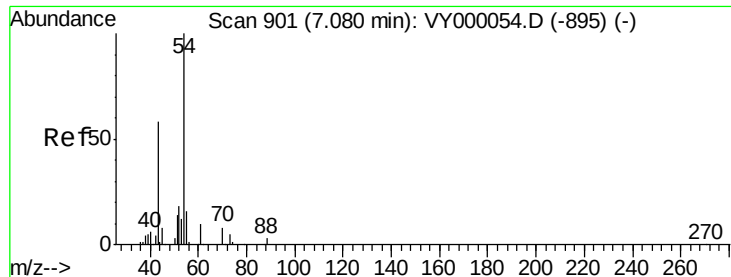
Tot Ion:113 Resp: 56055
 Ion Ratio Lower Upper
 113 100
 111 106.7 81.7 122.5
 192 16.3 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 21.775 ug/l
 RT: 7.91 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 75 Resp: 33380
 Ion Ratio Lower Upper
 75 100
 110 36.4 19.6 58.7
 77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 20.777 ug/l

RT: 7.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampled :

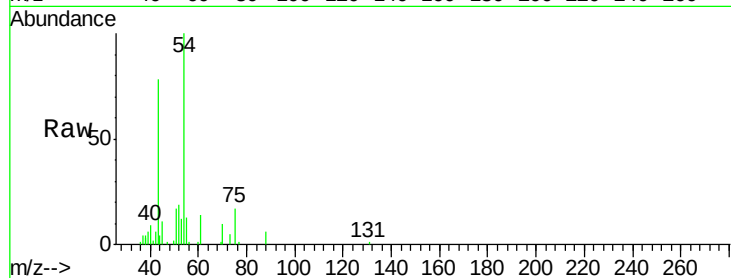
Tot Ion: 43 Resp: 21230

Ion Ratio Lower Upper

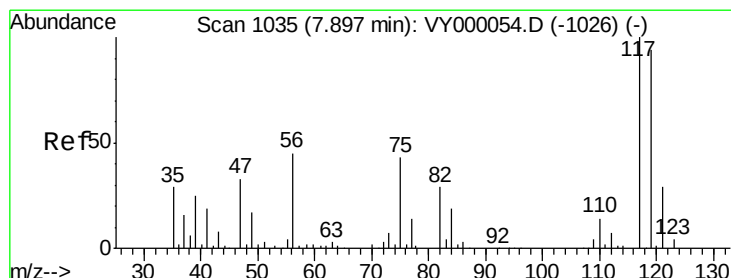
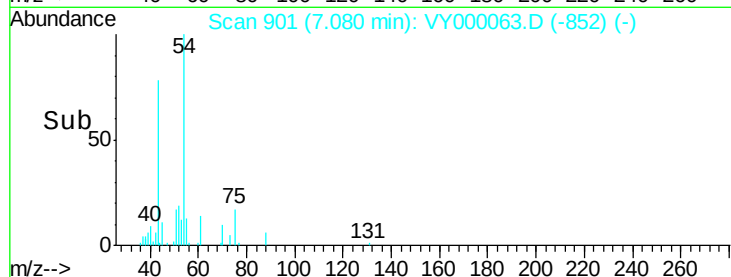
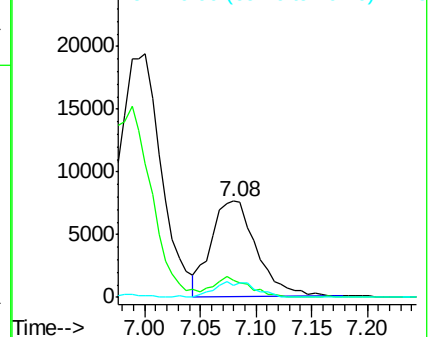
43 100

61 17.2 14.1 21.1

70 14.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 20.832 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

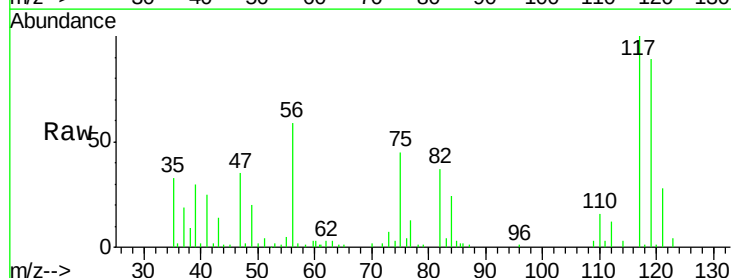
Tgt Ion: 117 Resp: 30140

Ion Ratio Lower Upper

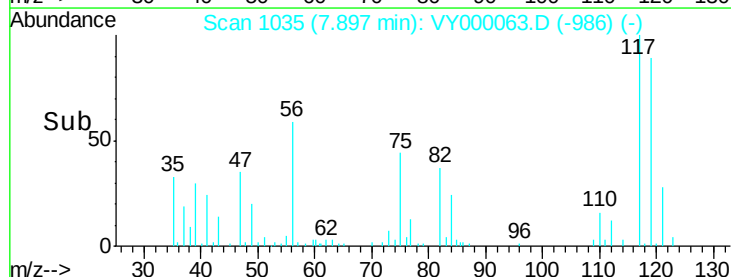
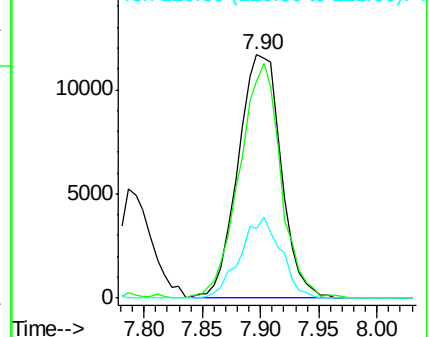
117 100

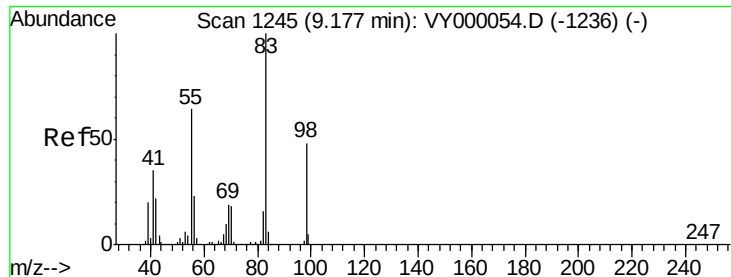
119 88.1 75.0 112.6

121 28.4 22.8 34.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

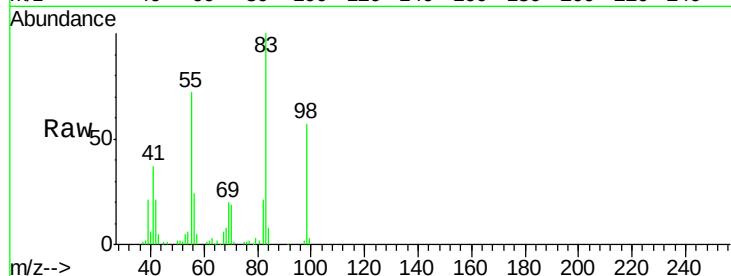




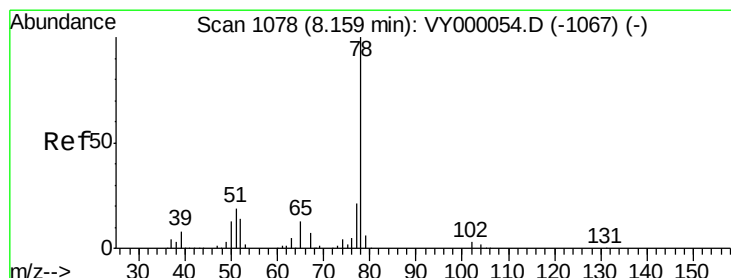
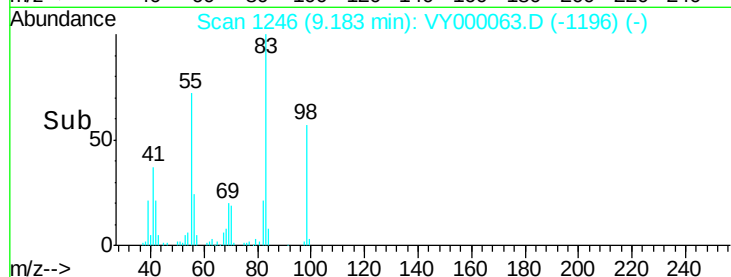
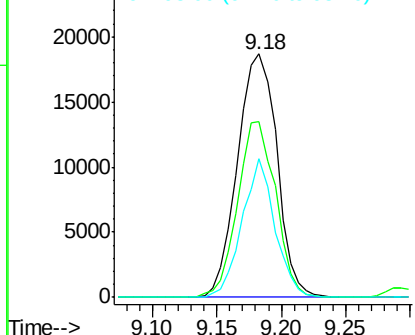
#39
Methylvlcyclohexane
Concen: 21.104 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	39779
Ion	Ratio	Lower	Upper
83	100		
55	72.0	51.0	76.6
98	56.7	38.5	57.7

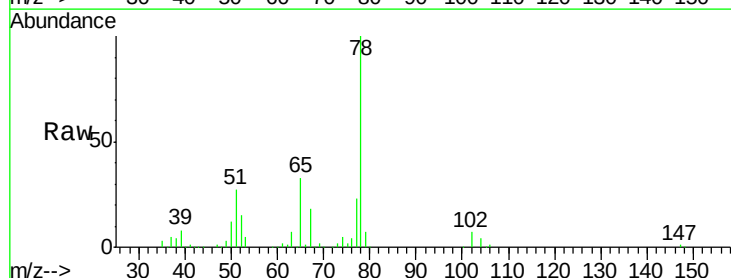


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

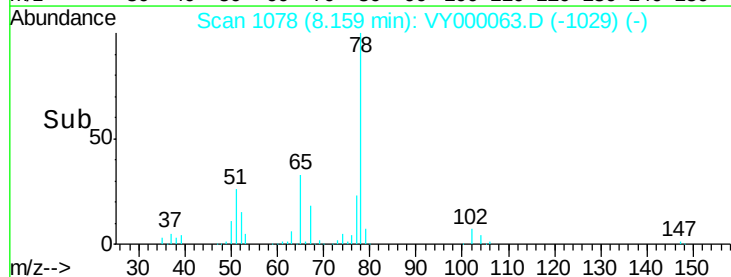
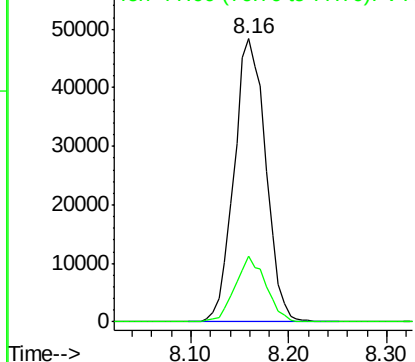


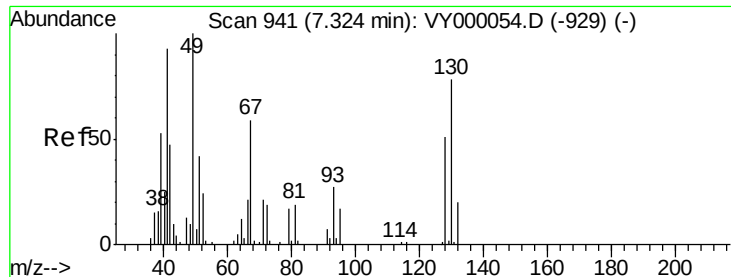
#40
Benzene
Concen: 21.460 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion	78	Resp	108651
Ion	Ratio	Lower	Upper
78	100		
77	23.2	16.8	25.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

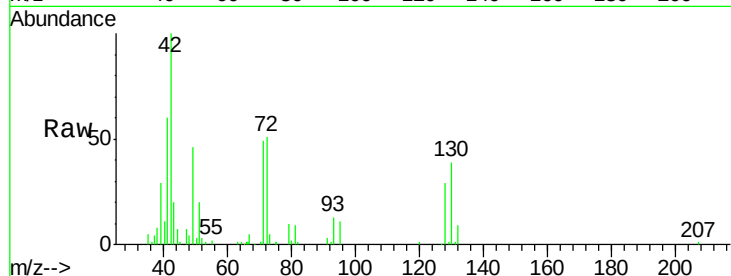




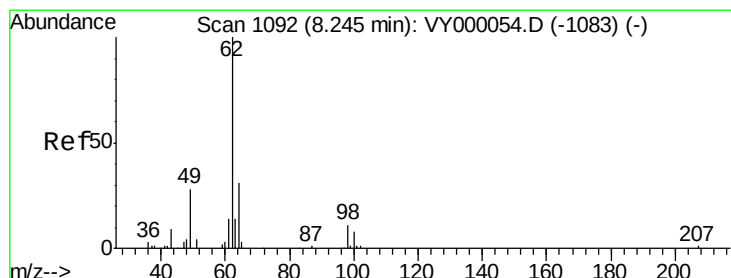
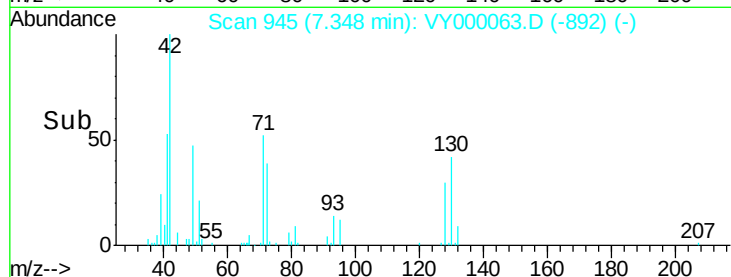
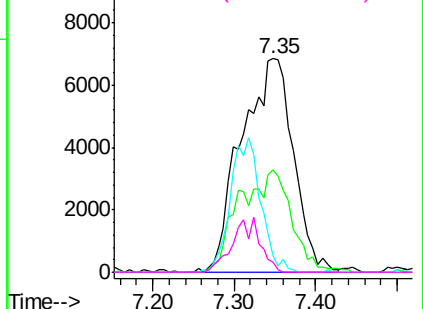
#41
Methacrylonitrile
Concen: 41.456 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.02 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 30179
Ion Ratio Lower Upper
41 100
39 23.6 91.8 137.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

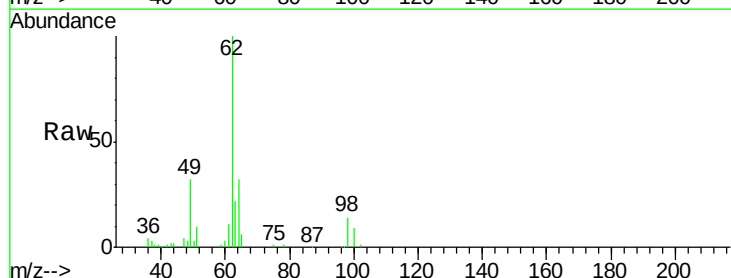


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

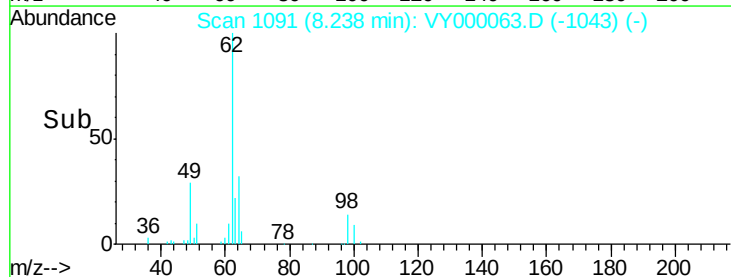
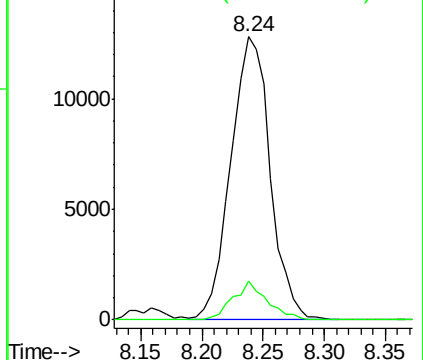


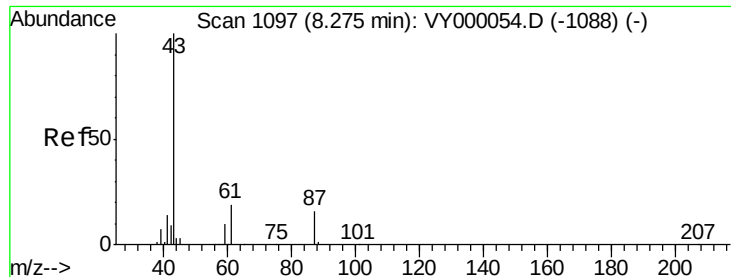
#42
1,2-Dichloroethane
Concen: 21.297 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 62 Resp: 28562
Ion Ratio Lower Upper
62 100
98 11.9 0.0 23.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.569 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampled :

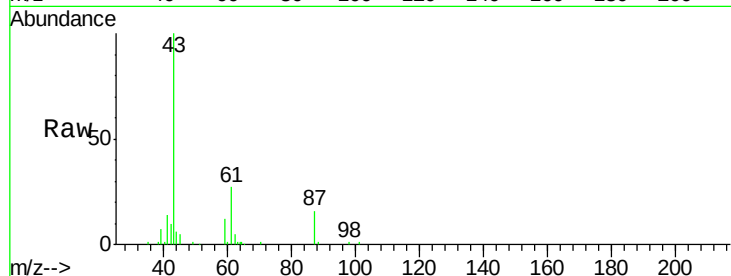
Tot Ion: 43 Resp: 41105

Ion Ratio Lower Upper

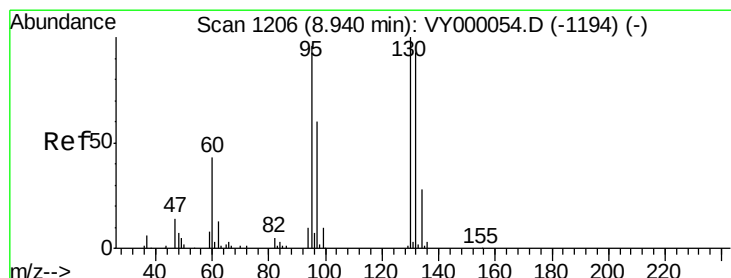
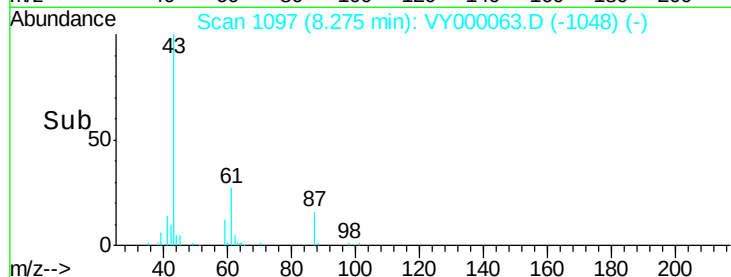
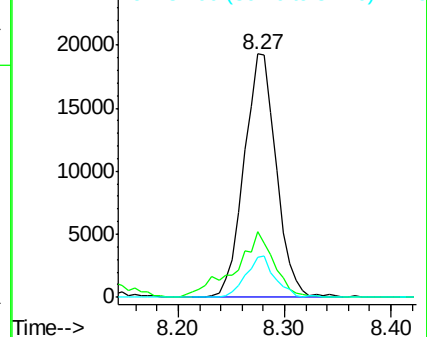
43 100

61 32.2 25.0 37.6

87 15.0 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.722 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VY000063.D

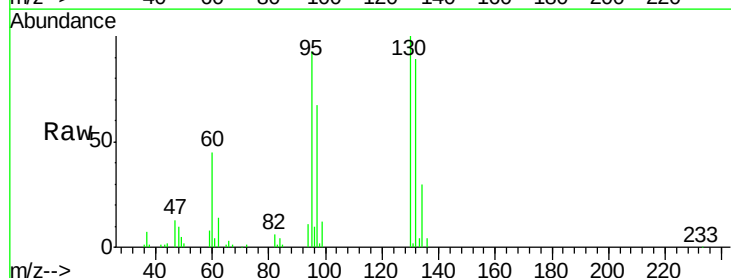
Acq: 18 Sep 2019 16:19

Tgt Ion:130 Resp: 26803

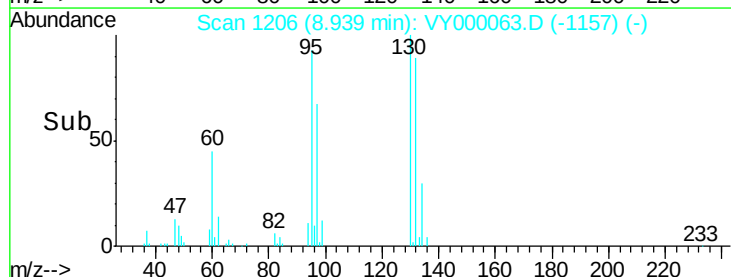
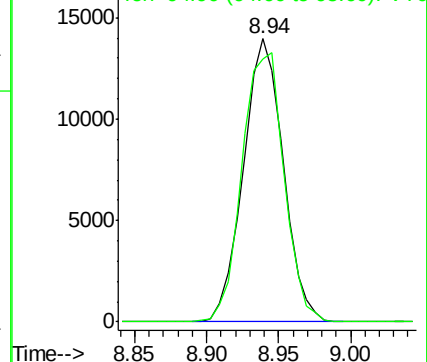
Ion Ratio Lower Upper

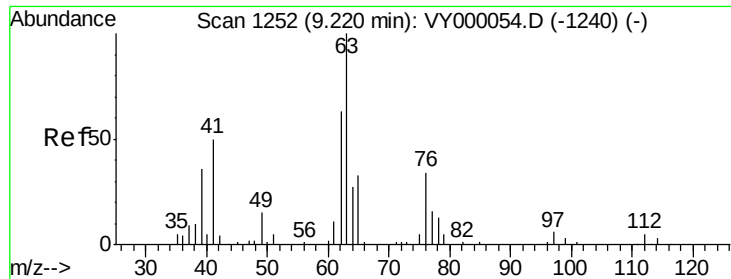
130 100

95 92.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

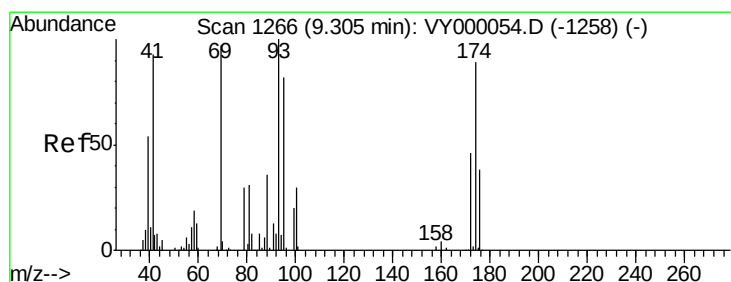
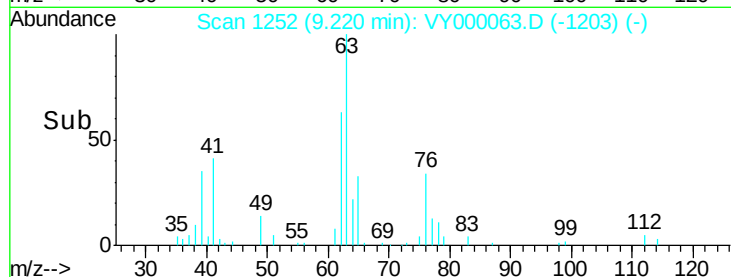
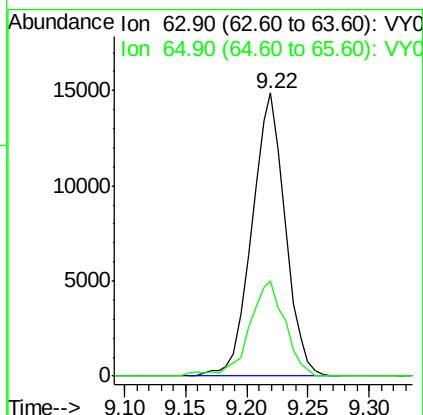
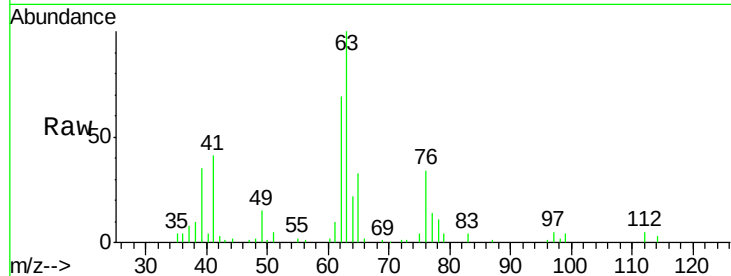




#45
 1,2-Dichloropropane
 Concen: 21.471 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

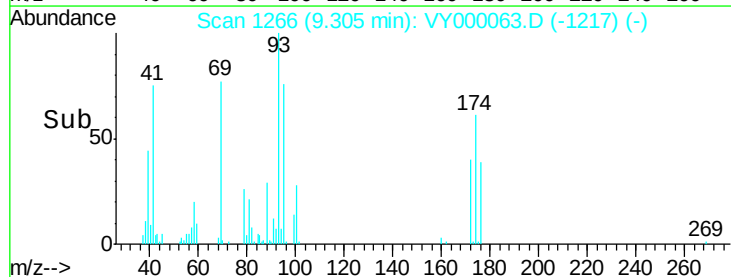
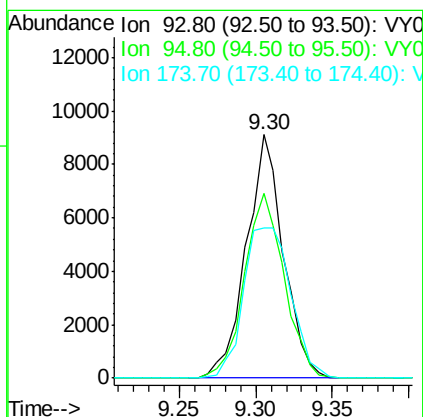
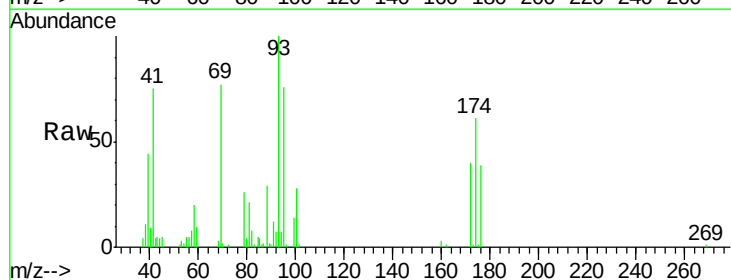
Instrument :
 MSVOA_Y
 ClientSampleId :

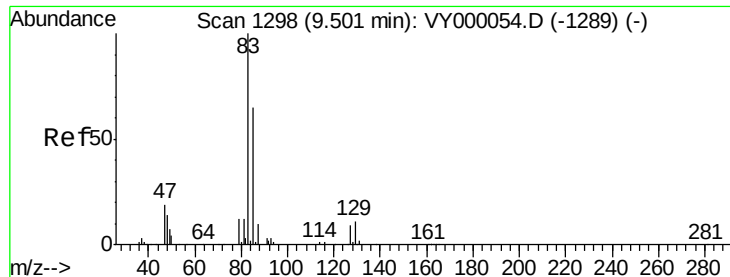
Tot Ion: 63 Resp: 28161
 Ion Ratio Lower Upper
 63 100
 65 33.4 26.2 39.4



#46
 Dibromomethane
 Concen: 21.384 ug/l
 RT: 9.30 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 93 Resp: 15319
 Ion Ratio Lower Upper
 93 100
 95 81.3 68.1 102.1
 174 79.4 67.8 101.6





#47

Bromodichloromethane

Concen: 21.202 ug/l

RT: 9.49 min Scan# 1297

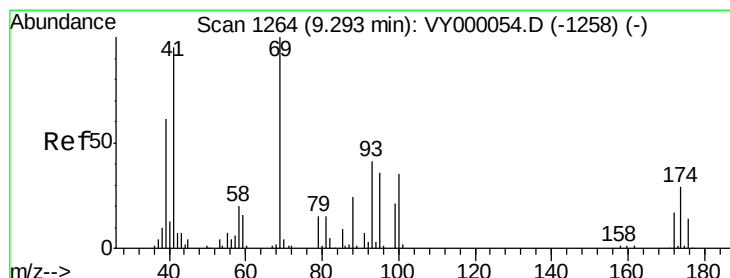
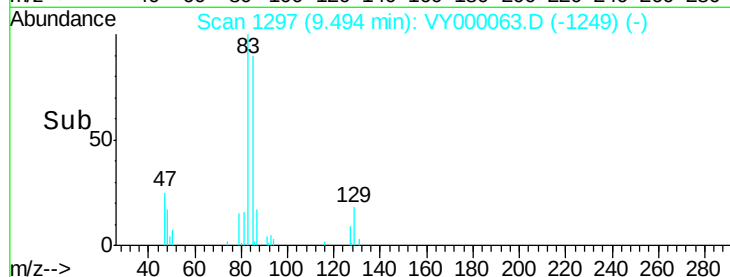
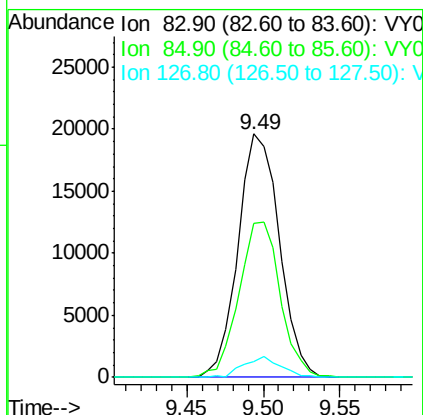
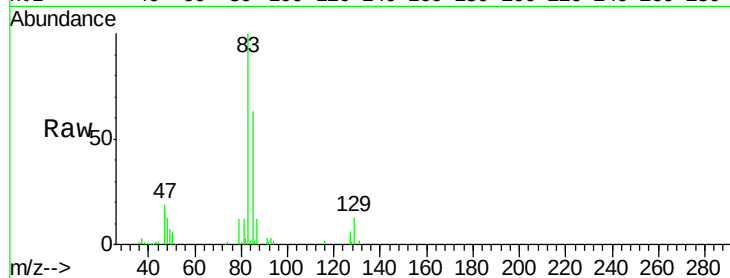
Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	83	Resp:	36857
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.3	78.5
127	6.3	6.8	10.2#



#48

Methyl methacrylate

Concen: 19.885 ug/l

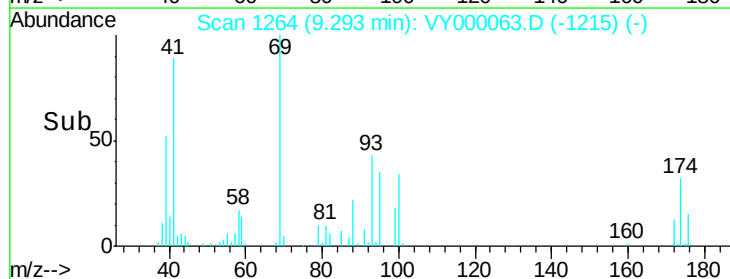
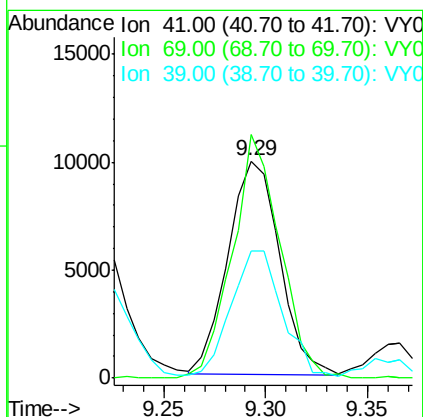
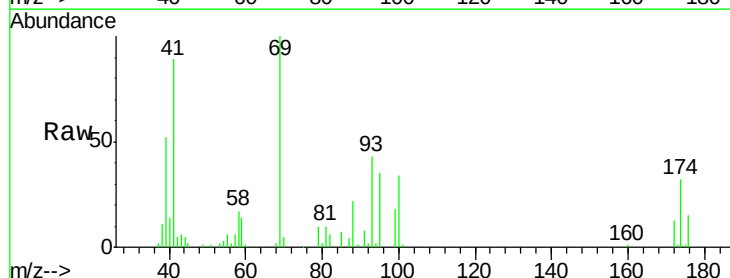
RT: 9.29 min Scan# 1264

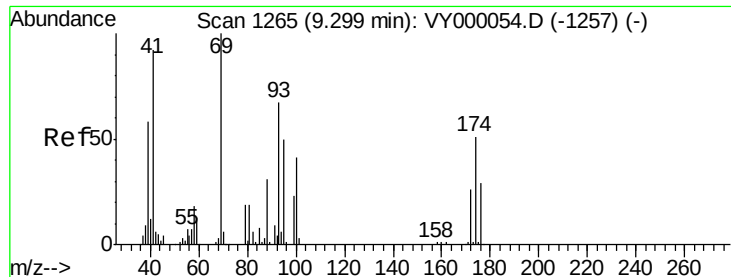
Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:	41	Resp:	17476
Ion	Ratio	Lower	Upper
41	100		
69	104.5	78.1	117.1
39	60.1	49.4	74.0

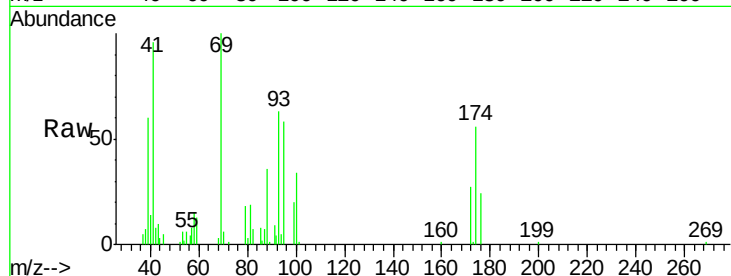




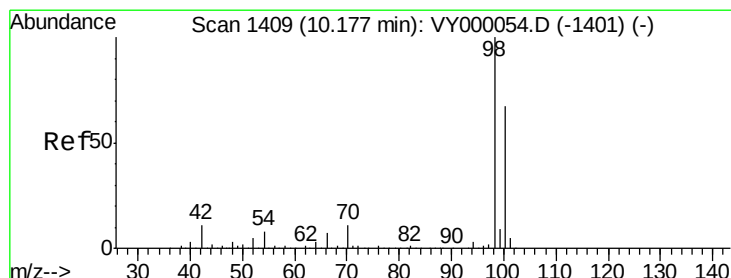
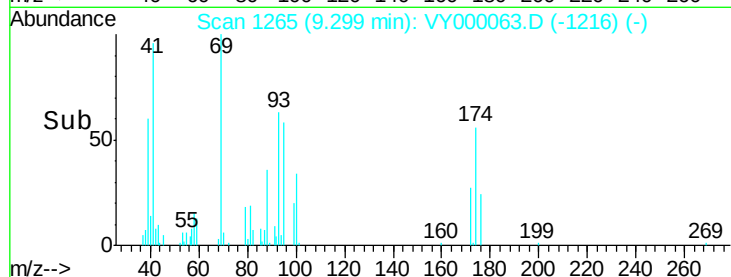
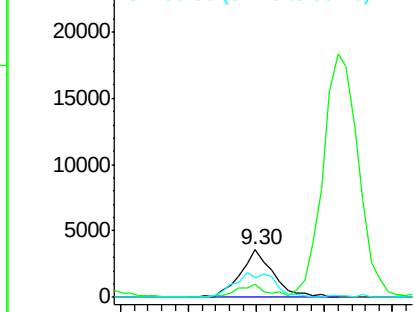
#49
1,4-Dioxane
Concen: 437.699 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 6088
Ion Ratio Lower Upper
88 100
43 25.9 18.7 28.1
58 63.9 53.0 79.6

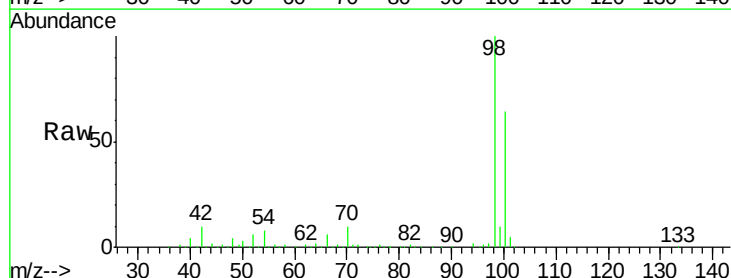


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

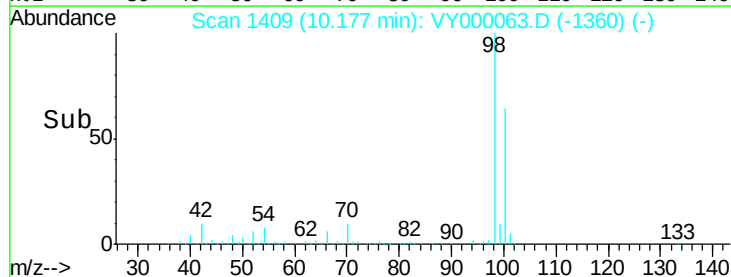
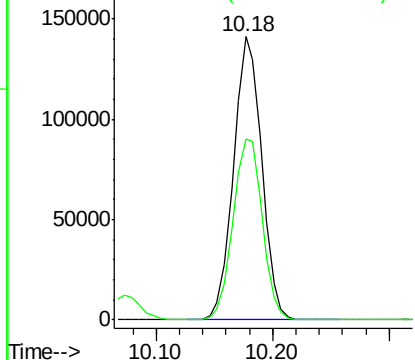


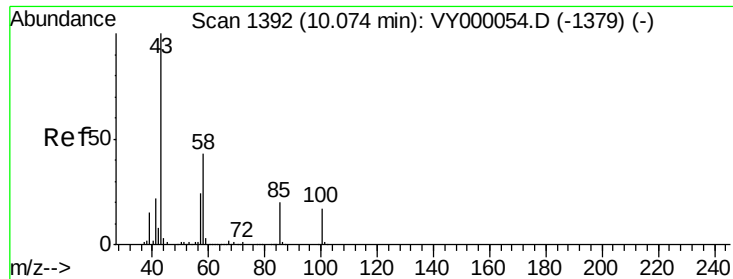
#50
Toluene-d8
Concen: 48.808 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 98 Resp: 237961
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

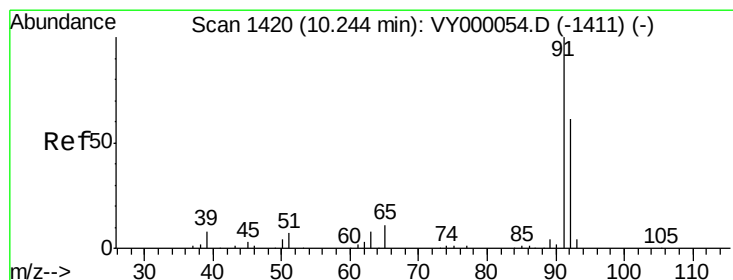
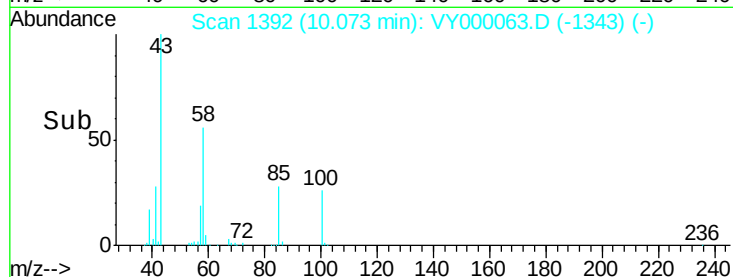
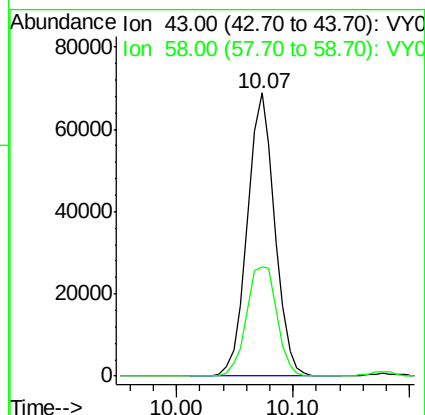
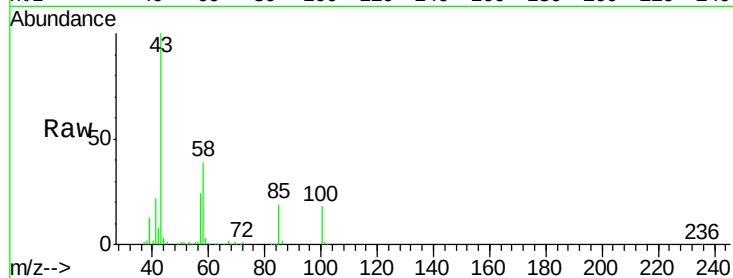




#51
 4-Methyl-2-Pentanone
 Concen: 103.936 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

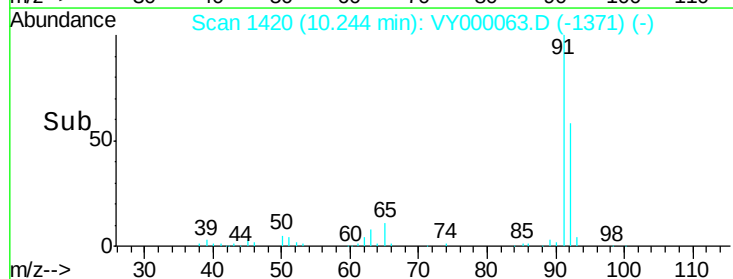
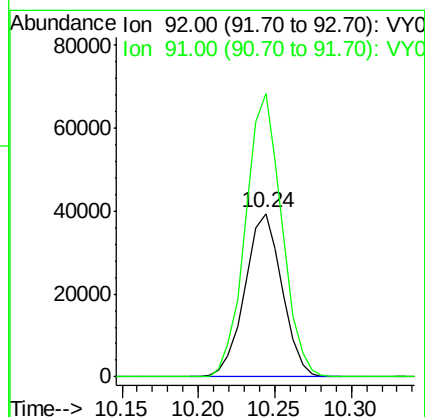
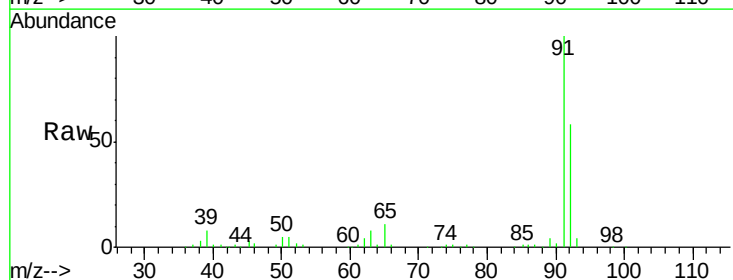
Instrument :
 MSVOA_Y
 ClientSampleId :

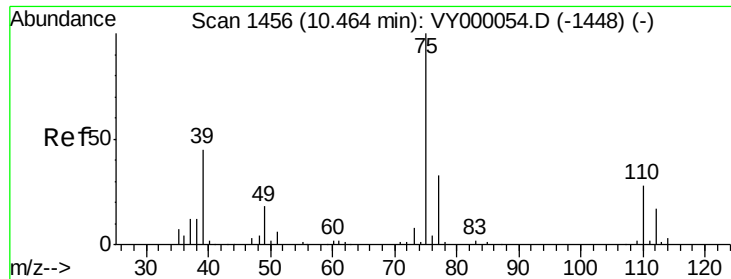
Tot Ion: 43 Resp: 113402
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.2 51.2



#52
 Toluene
 Concen: 20.692 ug/l
 RT: 10.24 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 92 Resp: 66560
 Ion Ratio Lower Upper
 92 100
 91 168.9 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 20.639 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

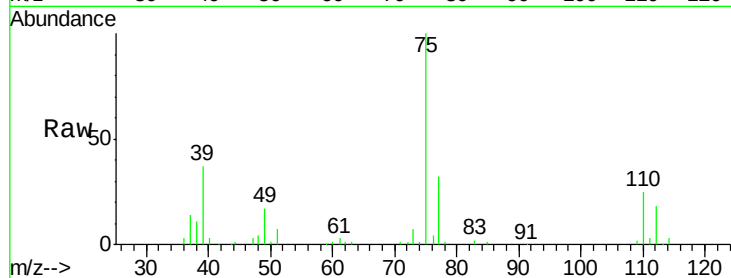
ClientSampled :

Tot Ion: 75 Resp: 38042

Ion Ratio Lower Upper

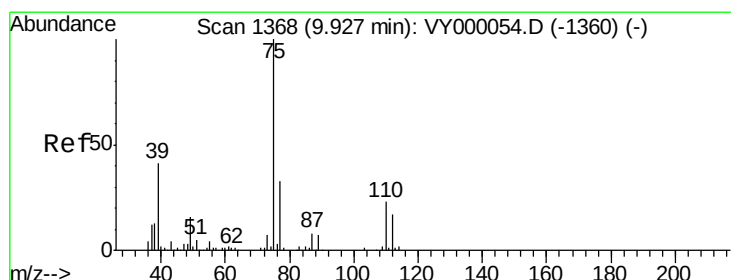
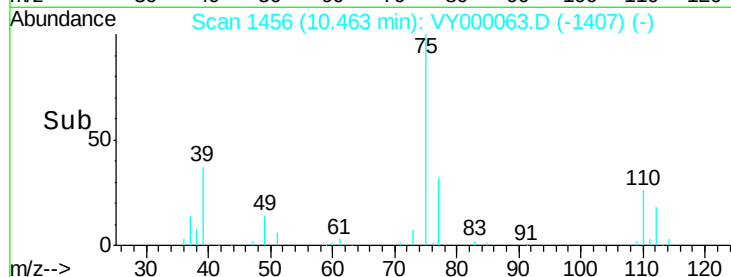
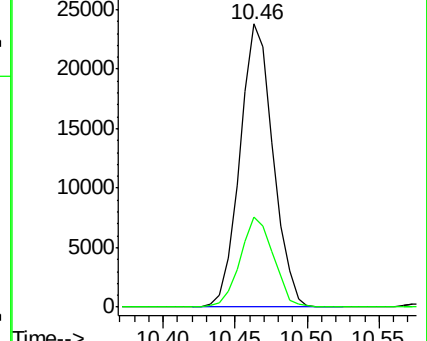
75 100

77 31.8 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.148 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

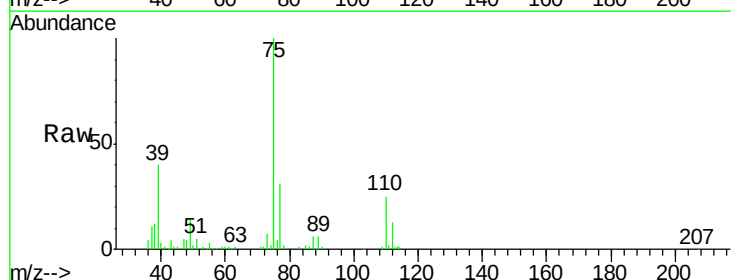
Tgt Ion: 75 Resp: 45014

Ion Ratio Lower Upper

75 100

77 31.3 26.1 39.1

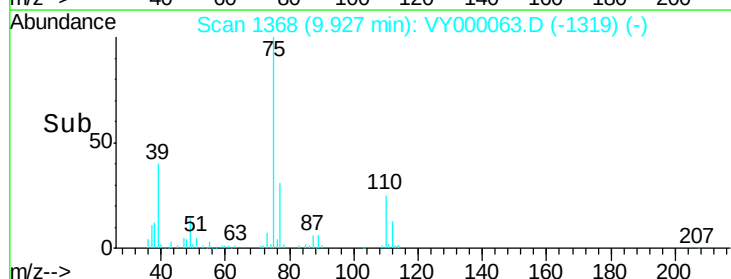
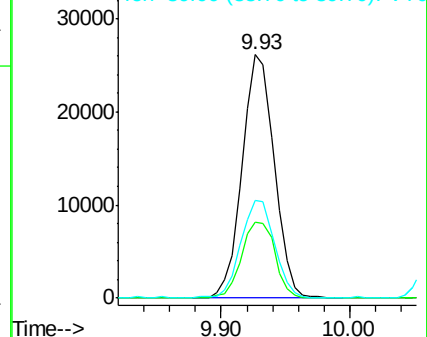
39 40.1 33.1 49.7

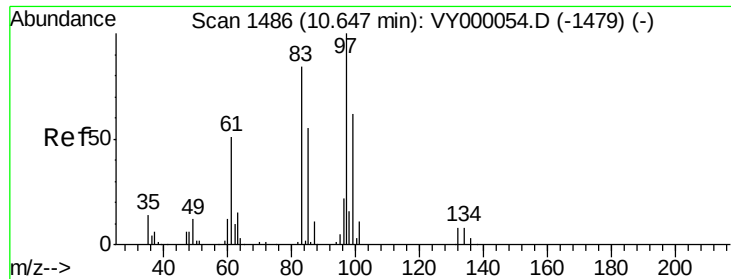


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

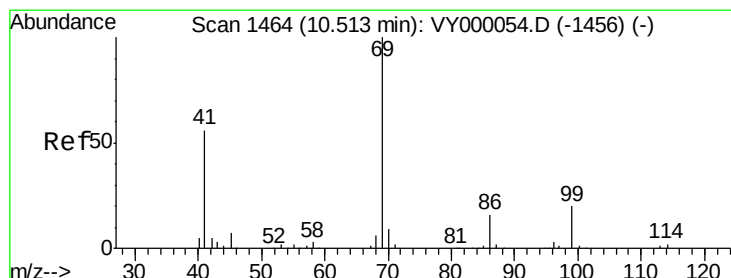
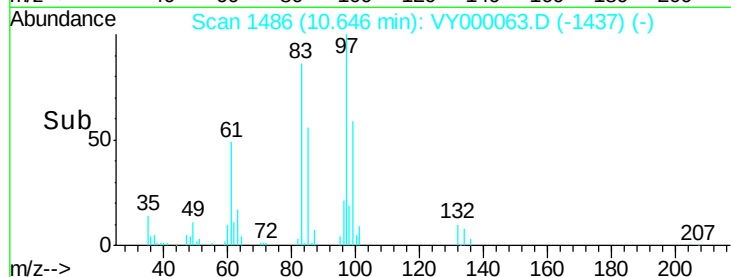
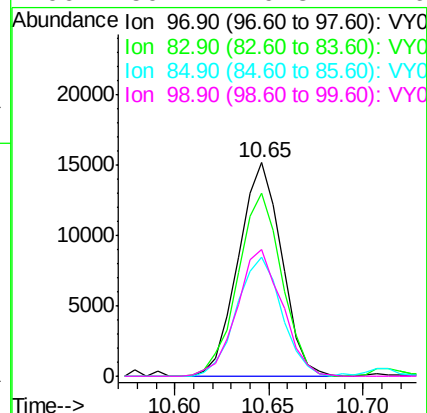
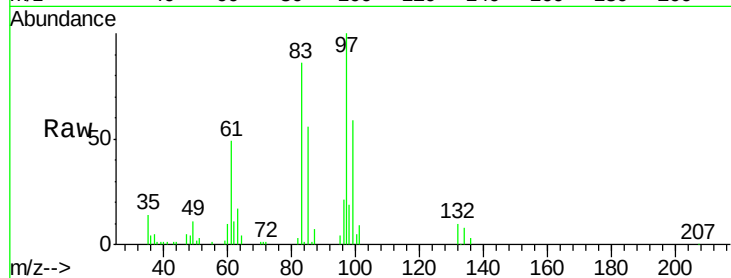




#55
 1,1,2-Trichloroethane
 Concen: 21.490 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

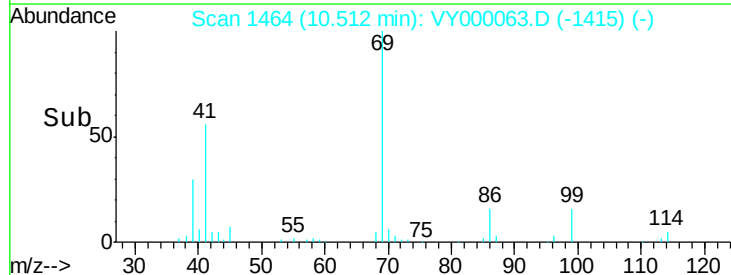
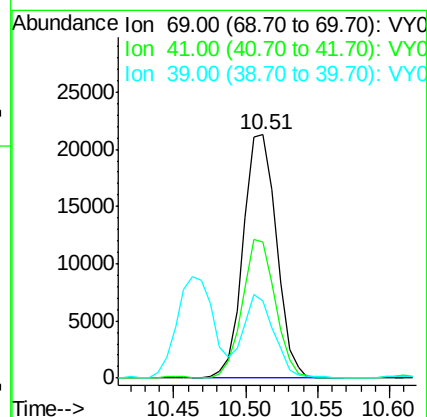
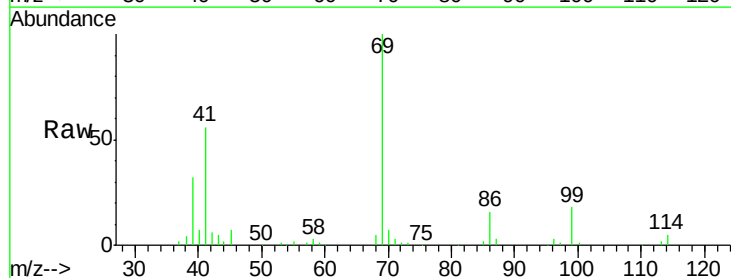
Instrument :
 MSVOA_Y
 ClientSampled :

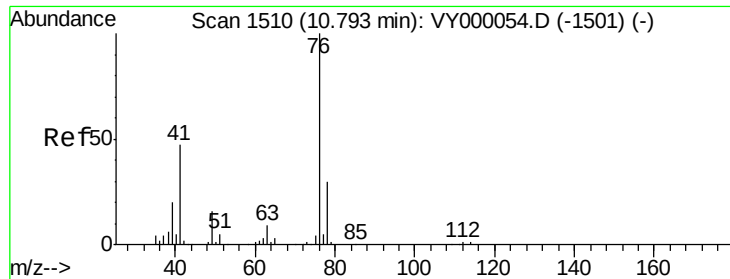
Tot Ion: 97 Resp: 24136
 Ion Ratio Lower Upper
 97 100
 83 85.8 67.3 100.9
 85 55.5 43.6 65.4
 99 59.1 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 21.355 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 69 Resp: 34129
 Ion Ratio Lower Upper
 69 100
 41 56.3 45.6 68.4
 39 32.2 27.3 40.9

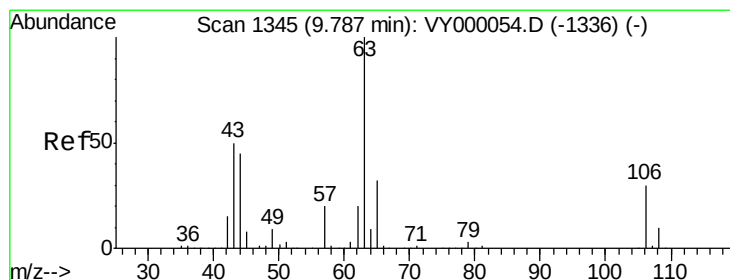
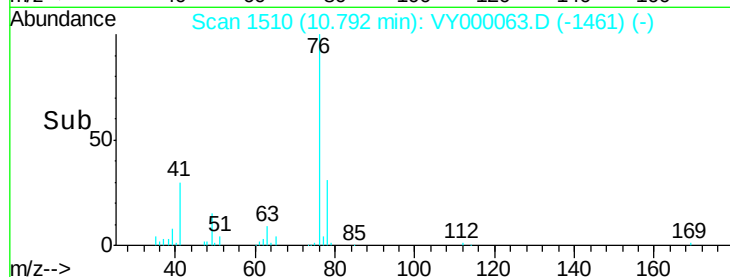
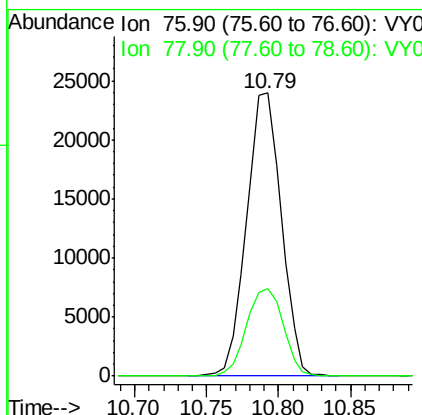
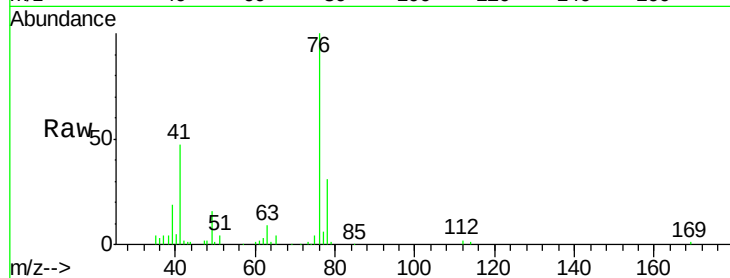




#57
 1,3-Dichloropropane
 Concen: 21.246 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

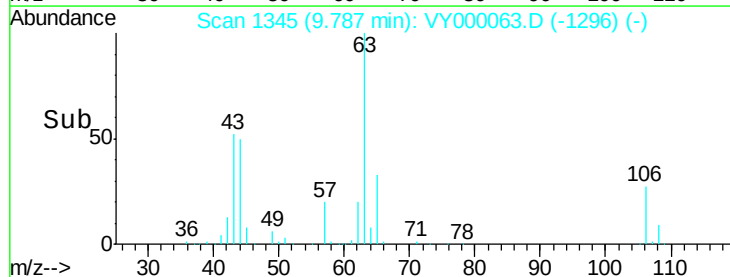
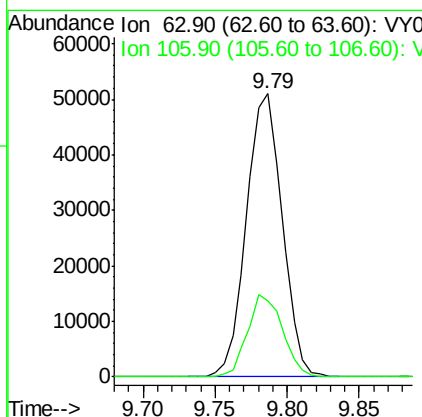
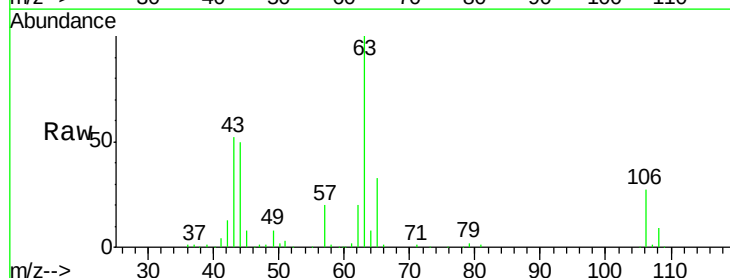
Instrument :
 MSVOA_Y
 ClientSampleId :

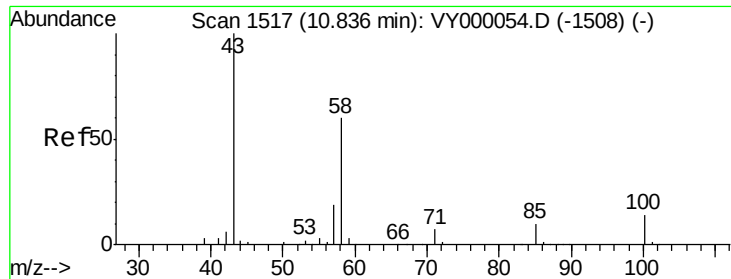
Tot Ion: 76 Resp: 40084
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.316 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 63 Resp: 87531
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.3 34.9

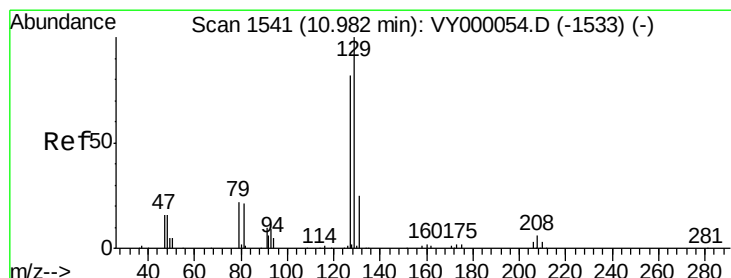
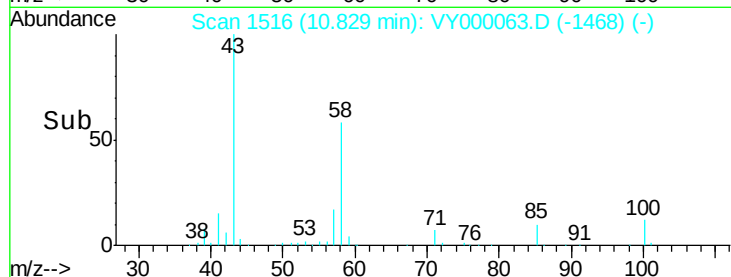
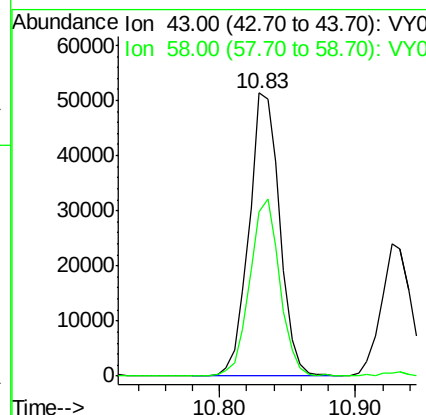
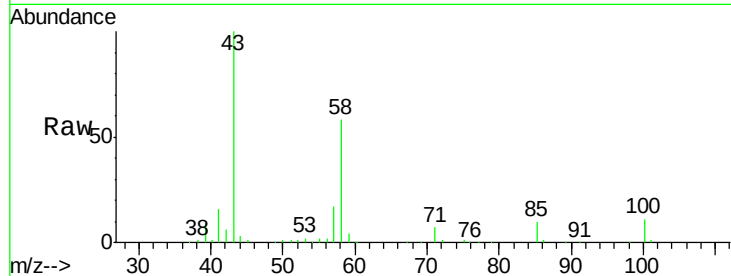




#59
2-Hexanone
Concen: 104.506 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

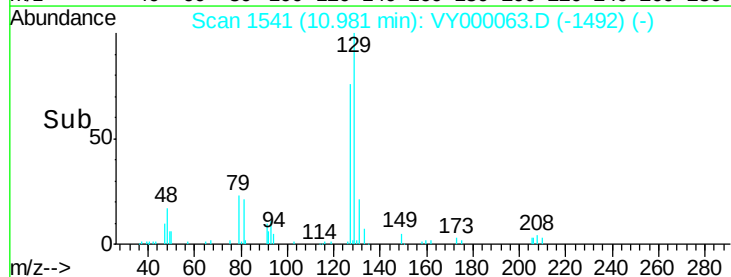
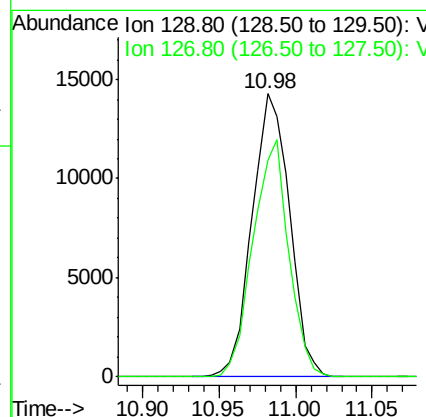
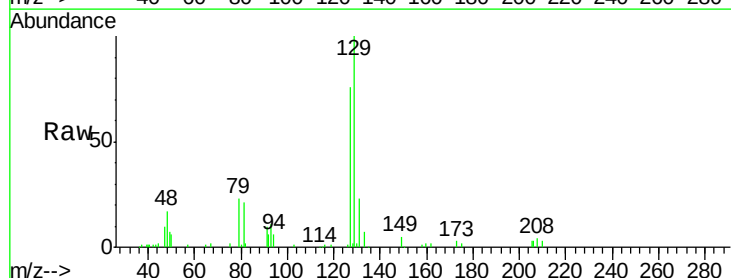
Instrument :
MSVOA_Y
ClientSampled :

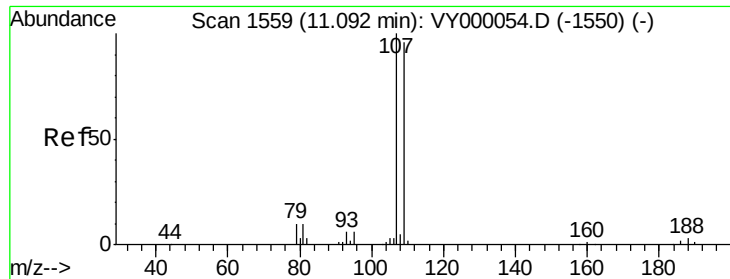
Tot Ion: 43 Resp: 81346
Ion Ratio Lower Upper
43 100
58 61.2 29.9 89.7



#60
Dibromochloromethane
Concen: 20.774 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 129 Resp: 24444
Ion Ratio Lower Upper
129 100
127 79.7 40.2 120.6

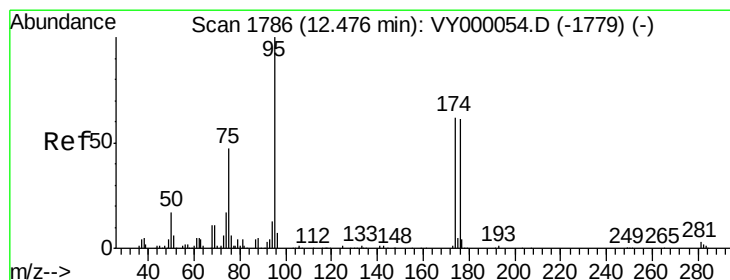
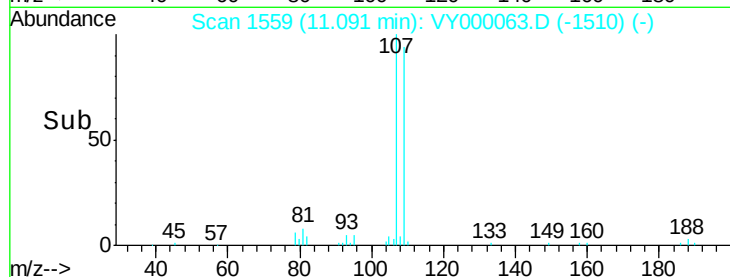
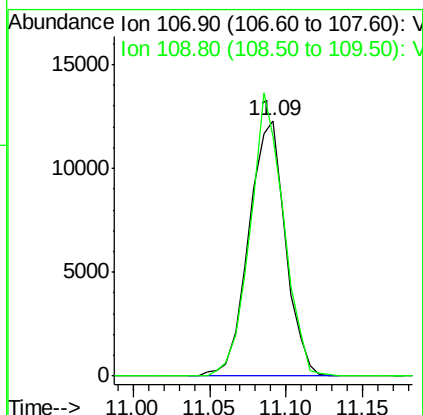
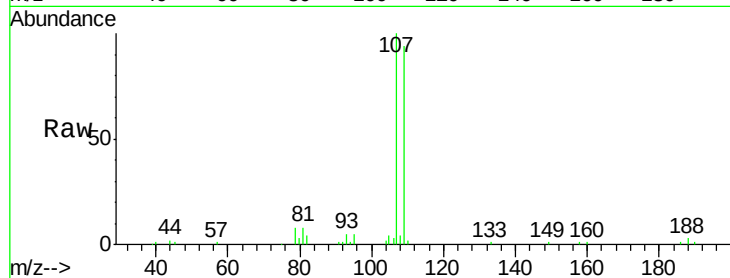




#61
 1,2-Dibromoethane
 Concen: 20.014 ug/l
 RT: 11.09 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

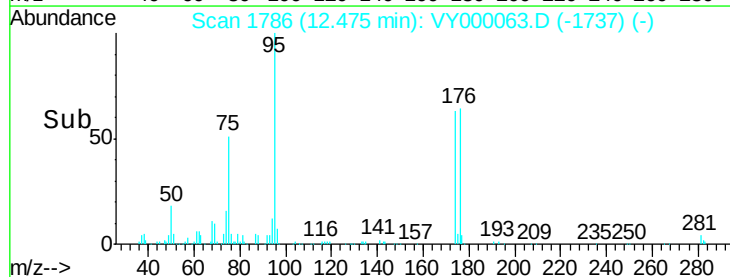
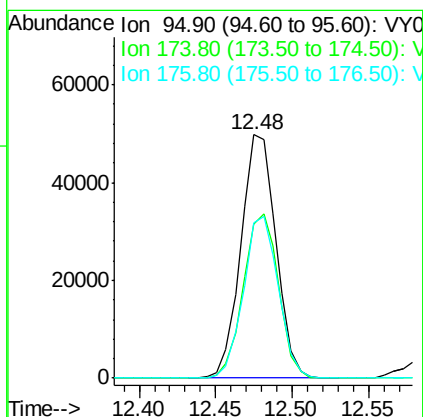
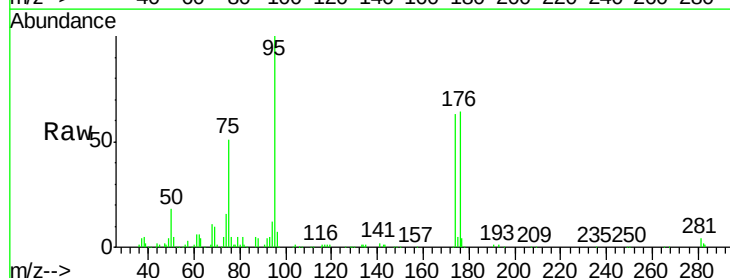
Instrument :
 MSVOA_Y
 ClientSampleId :

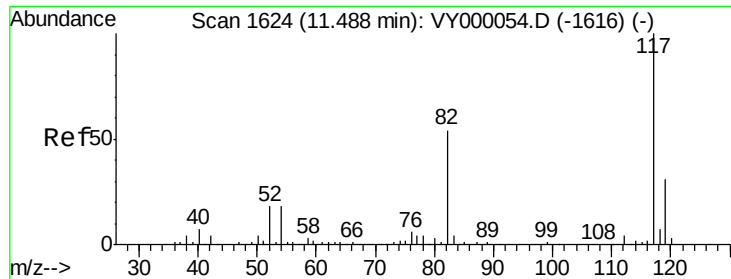
Tot Ion:107 Resp: 20532
 Ion Ratio Lower Upper
 107 100
 109 101.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 43.745 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 95 Resp: 79184
 Ion Ratio Lower Upper
 95 100
 174 67.5 0.0 137.2
 176 66.0 0.0 135.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

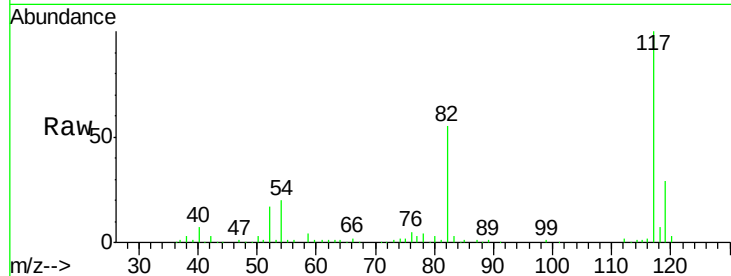
Tot Ion:117 Resp: 178426

Ion Ratio Lower Upper

117 100

82 55.1 43.5 65.3

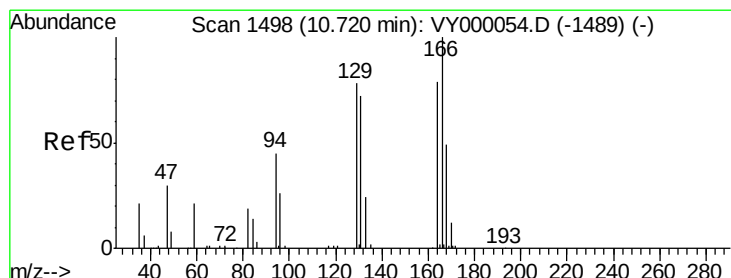
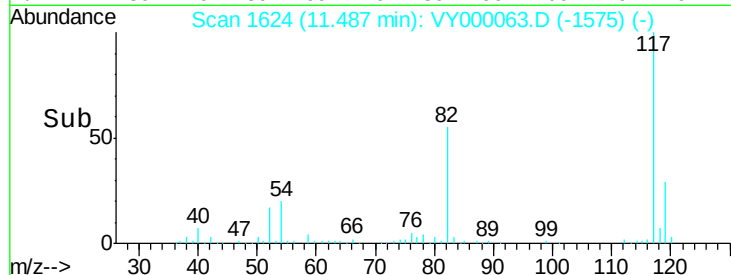
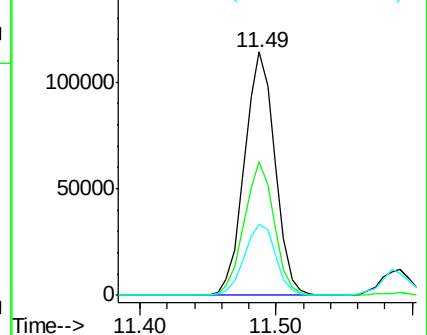
119 29.3 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.249 ug/l

RT: 10.71 min Scan# 1497

Delta R.T. -0.01 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion:164 Resp: 22676

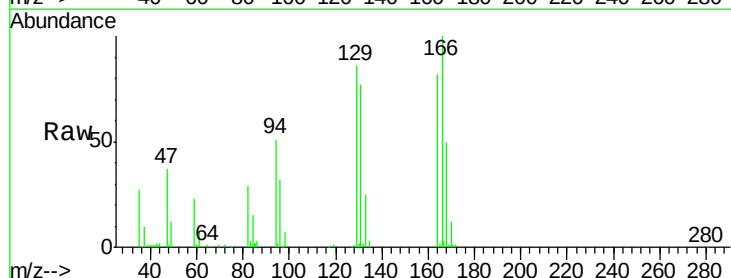
Ion Ratio Lower Upper

164 100

166 122.6 100.9 151.3

129 106.1 78.4 117.6

131 94.1 72.2 108.2

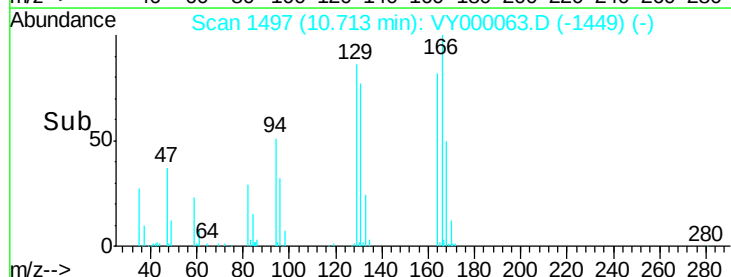
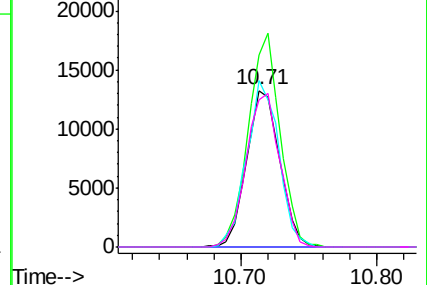


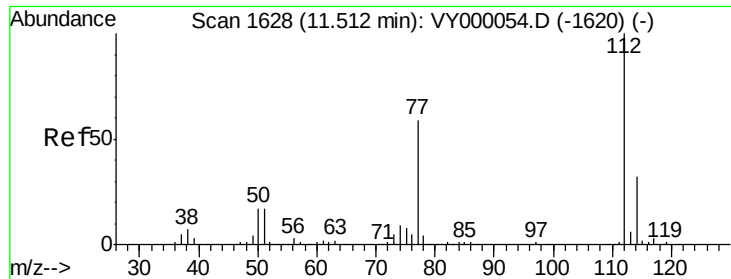
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

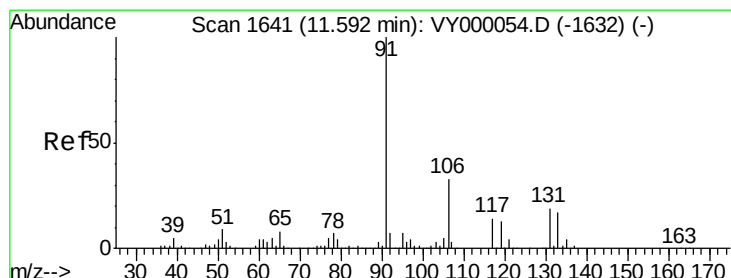
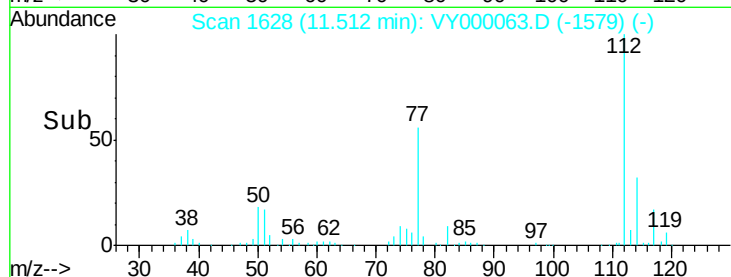
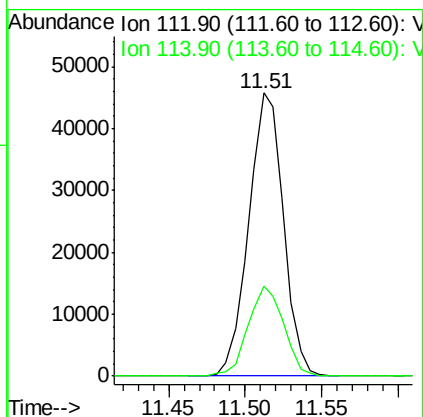
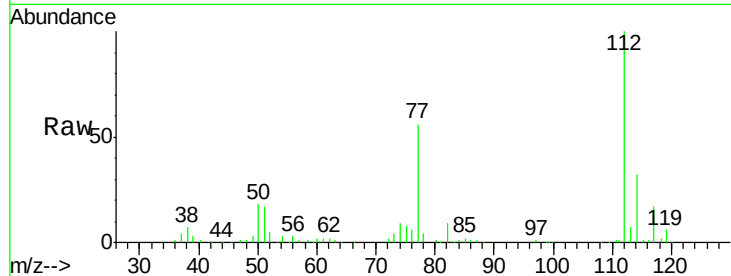




#65
Chlorobenzene
Concen: 20.496 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

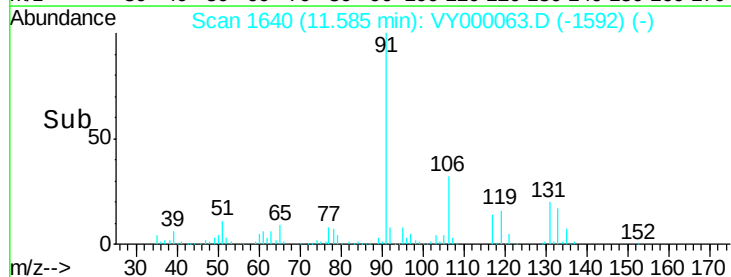
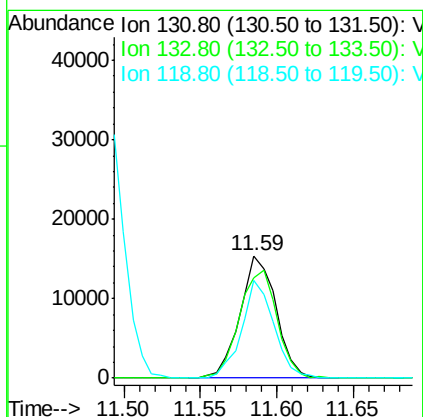
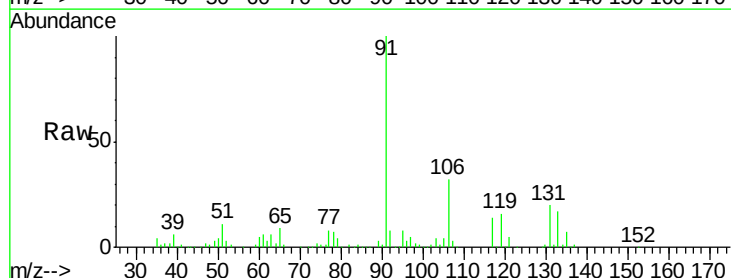
Instrument :
MSVOA_Y
ClientSampled :

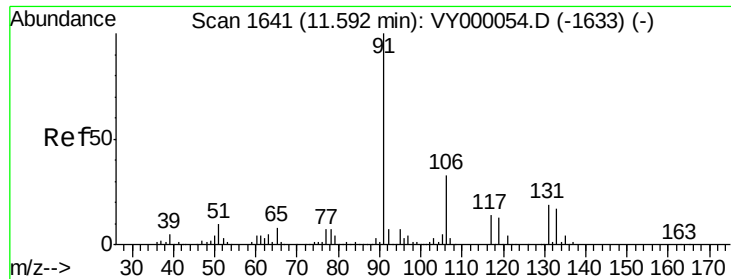
Tot Ion:112 Resp: 72335
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.117 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion:131 Resp: 25199
Ion Ratio Lower Upper
131 100
133 92.1 46.6 139.8
119 71.6 36.2 108.6

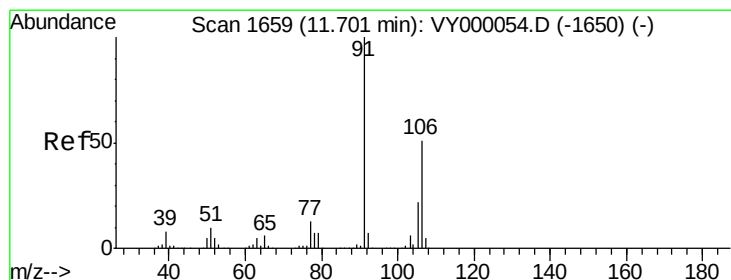
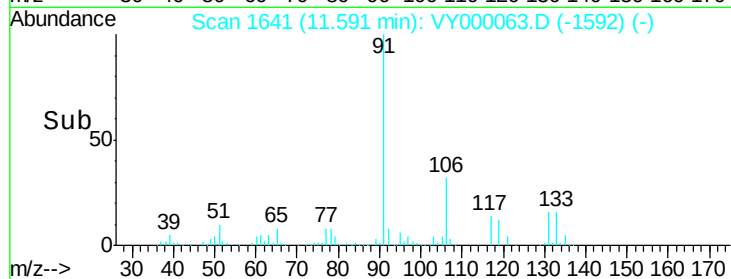
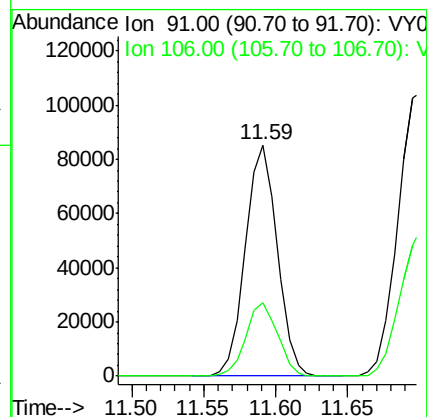
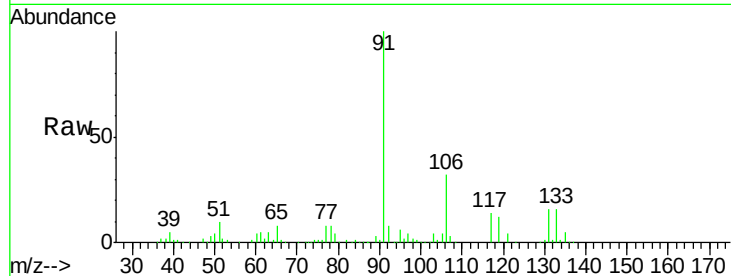




#67
Ethyl Benzene
Concen: 20.704 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

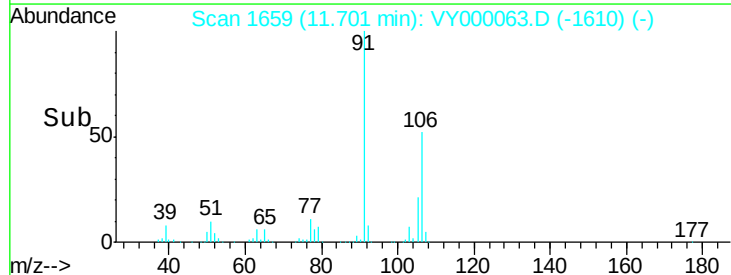
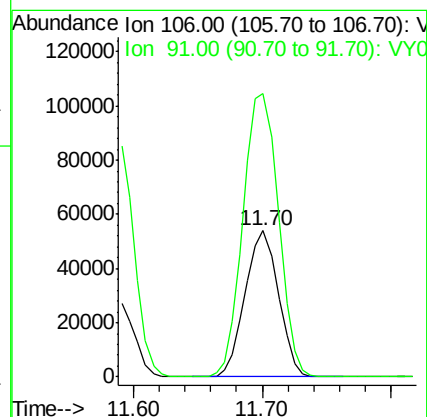
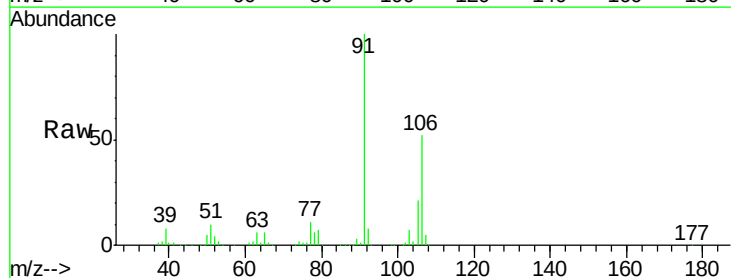
Instrument :
MSVOA_Y
ClientSampled :

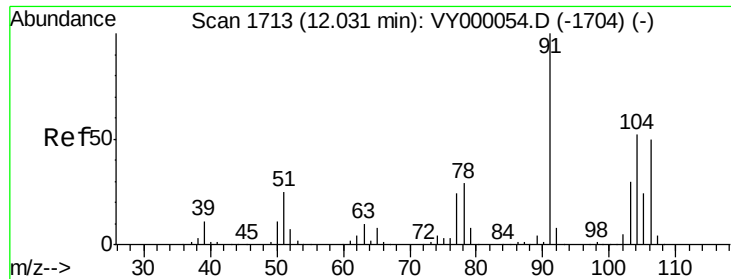
Tot Ion: 91 Resp: 130404
Ion Ratio Lower Upper
91 100
106 31.5 26.6 40.0



#68
m/p-Xylenes
Concen: 40.448 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 106 Resp: 96940
Ion Ratio Lower Upper
106 100
91 206.0 154.5 231.7

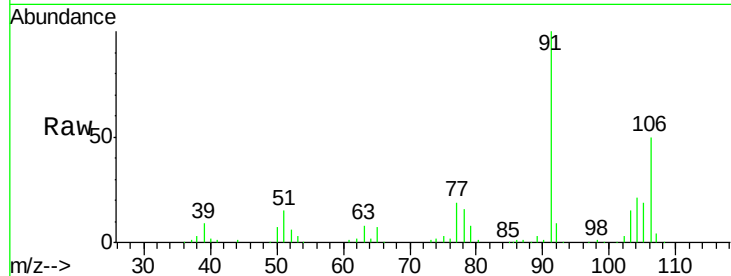




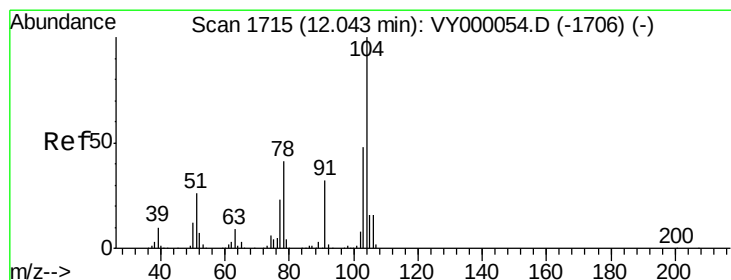
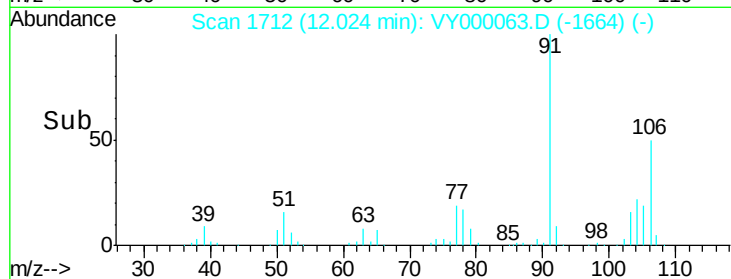
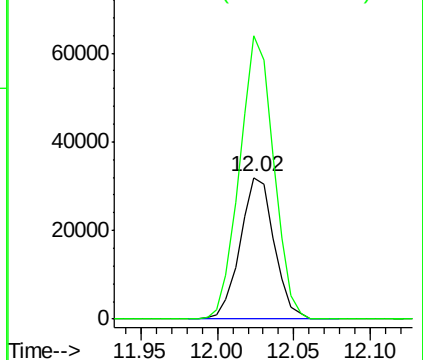
#69
o-Xylene
Concen: 21.276 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 49373
Ion Ratio Lower Upper
106 100
91 199.3 103.5 310.3

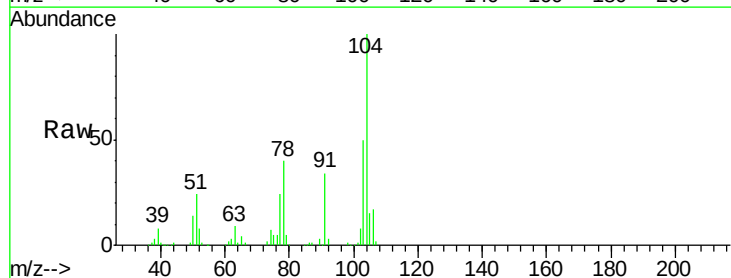


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

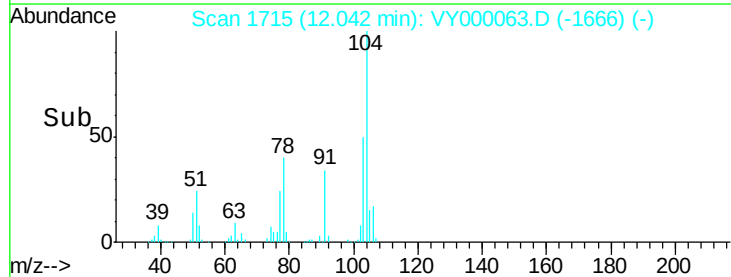
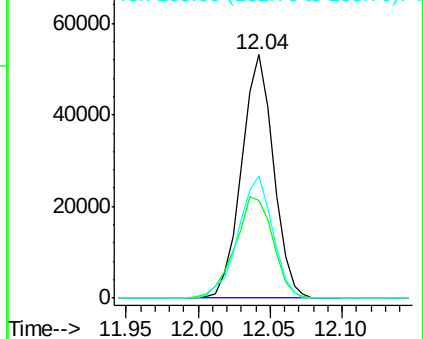


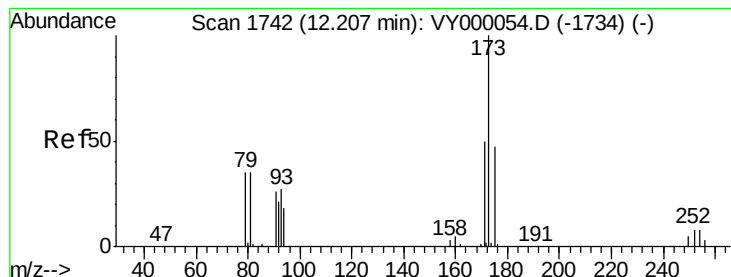
#70
Styrene
Concen: 20.023 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion:104 Resp: 81573
Ion Ratio Lower Upper
104 100
78 49.3 37.7 56.5
103 54.2 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.724 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampled :

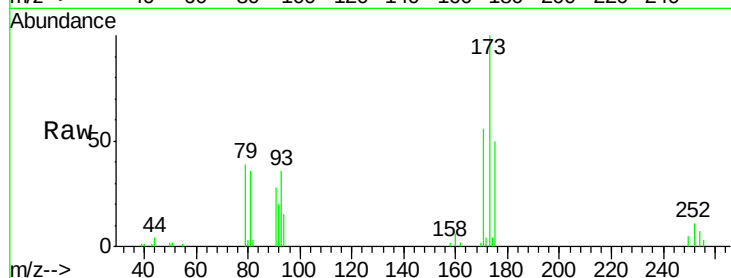
Tot Ion:173 Resp: 12935

Ion Ratio Lower Upper

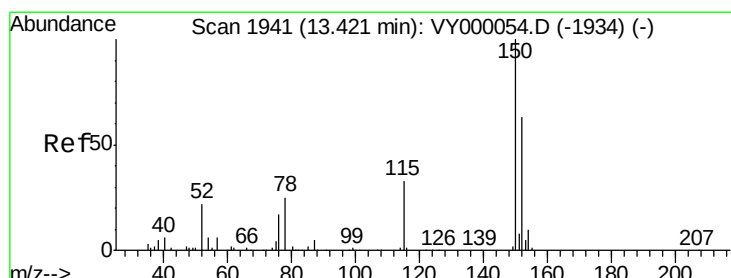
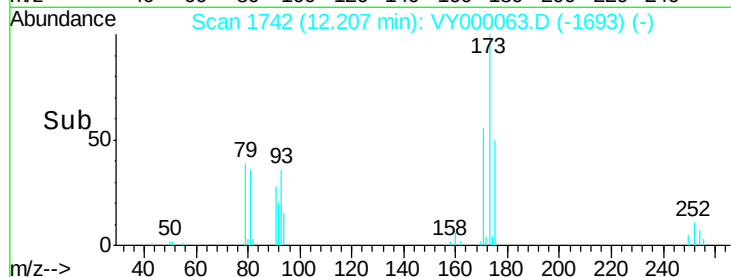
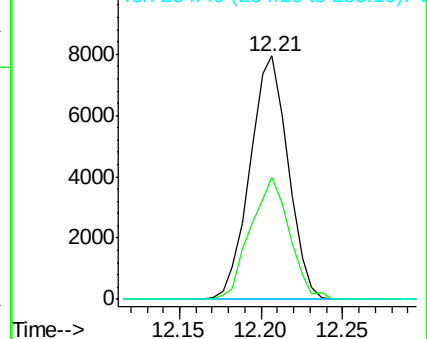
173 100

175 50.9 23.6 71.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

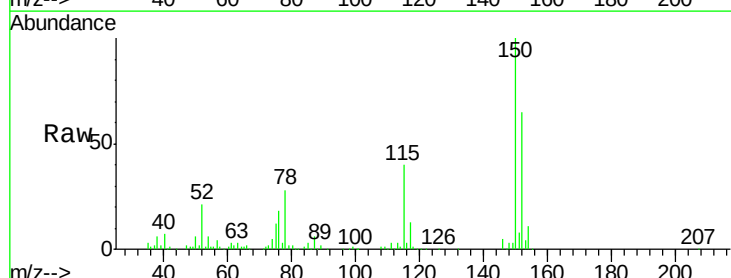
Tgt Ion:152 Resp: 75600

Ion Ratio Lower Upper

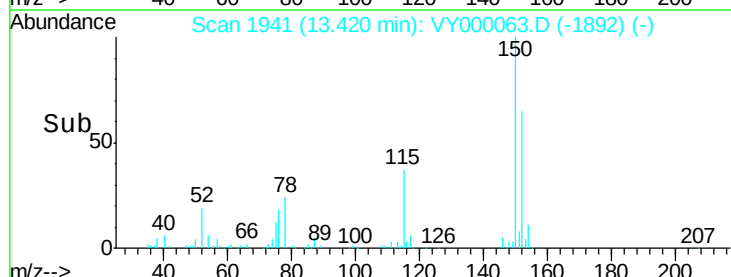
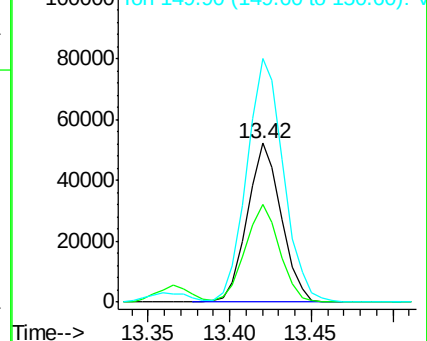
152 100

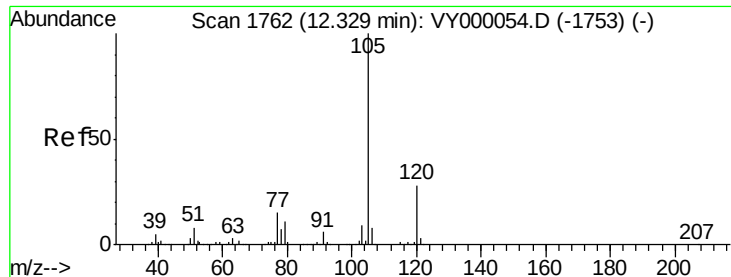
115 62.0 30.7 92.1

150 165.6 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.622 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

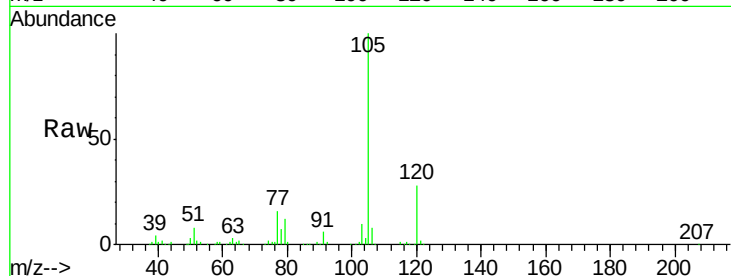
ClientSampleId :

Tot Ion:105 Resp: 125642

Ion Ratio Lower Upper

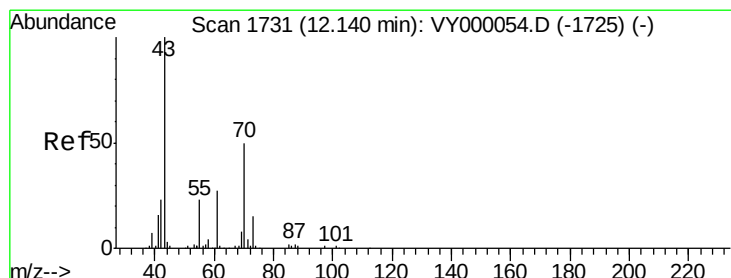
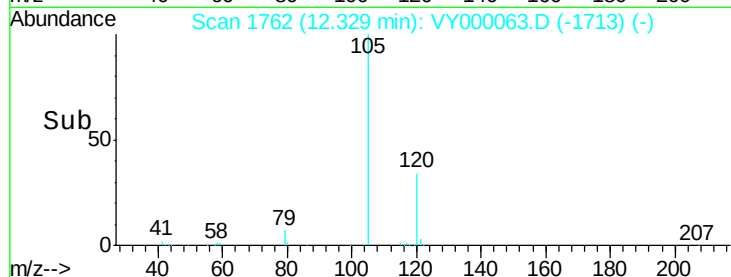
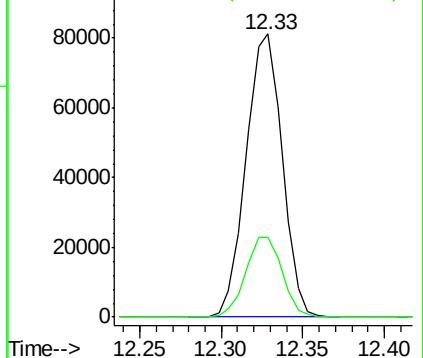
105 100

120 28.5 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.132 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Tgt Ion: 43 Resp: 36678

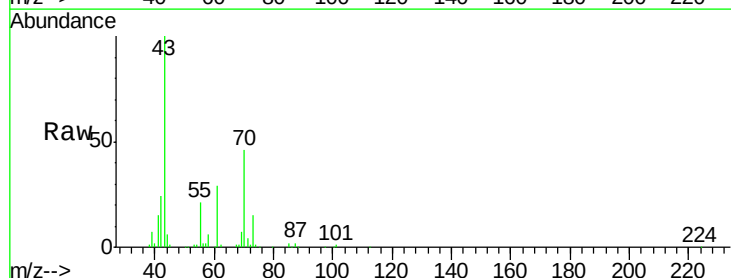
Ion Ratio Lower Upper

43 100

70 46.9 38.8 58.2

55 23.6 18.8 28.2

61 26.9 21.4 32.2

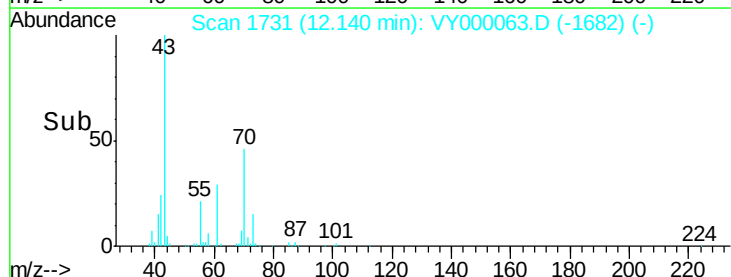
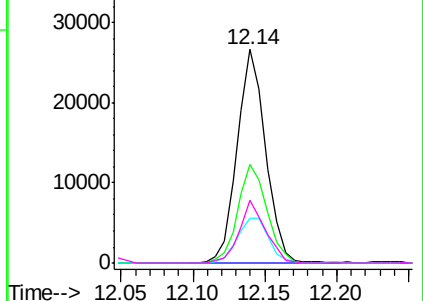


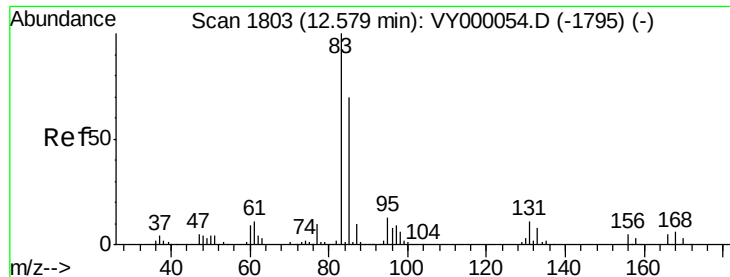
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.234 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

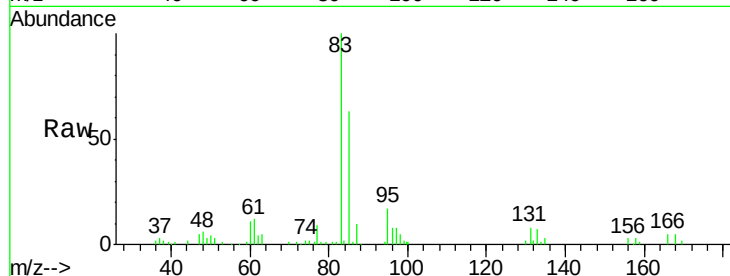
Tot Ion: 83 Resp: 30453

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

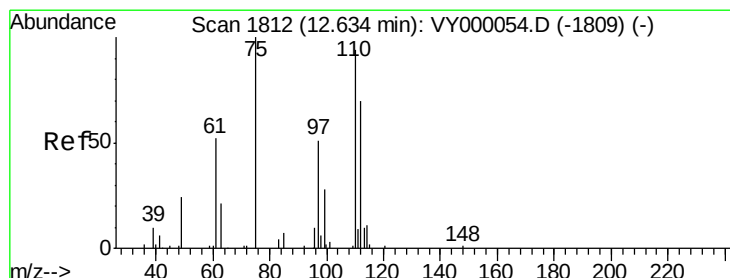
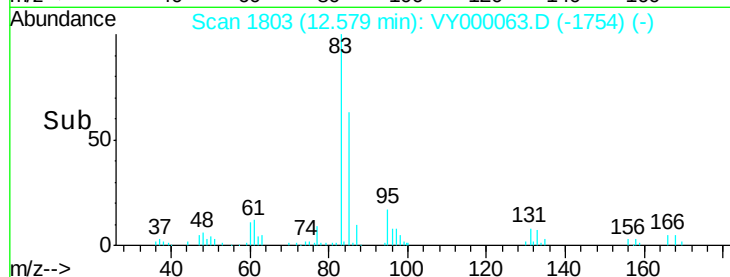
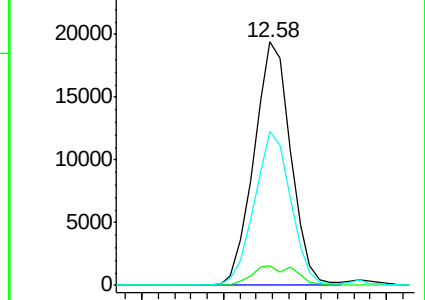
85 62.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.369 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VY000063.D

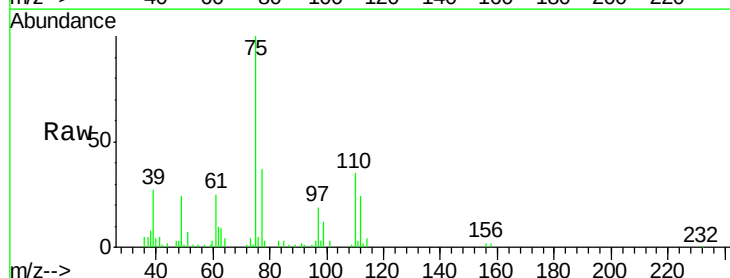
Acq: 18 Sep 2019 16:19

Tgt Ion: 75 Resp: 38685

Ion Ratio Lower Upper

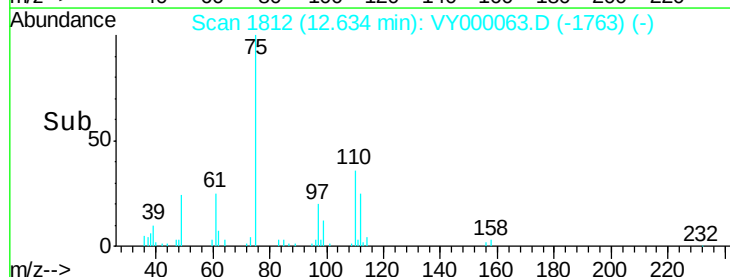
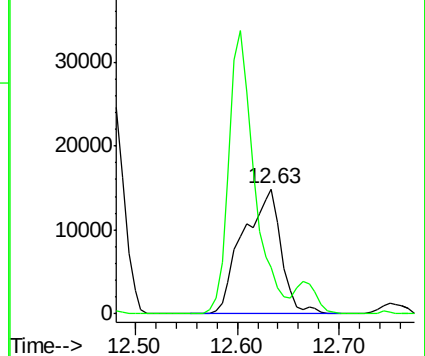
75 100

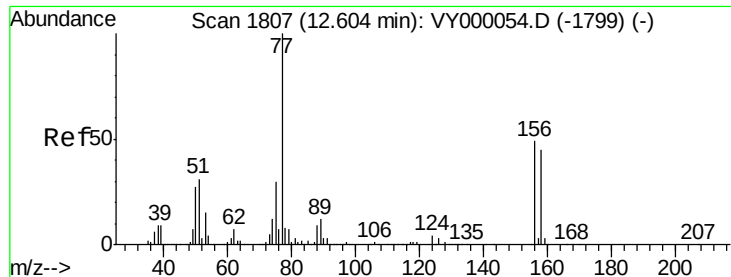
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.441 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

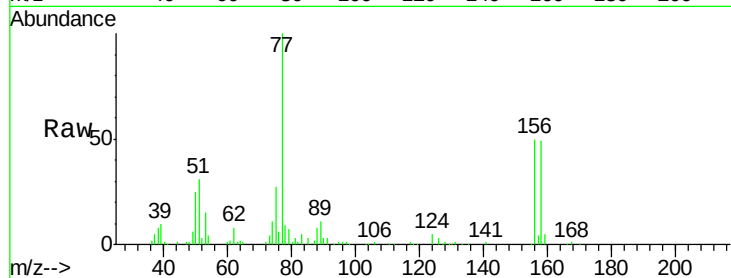
Tot Ion:156 Resp: 26005

Ion Ratio Lower Upper

156 100

77 227.3 109.7 329.0

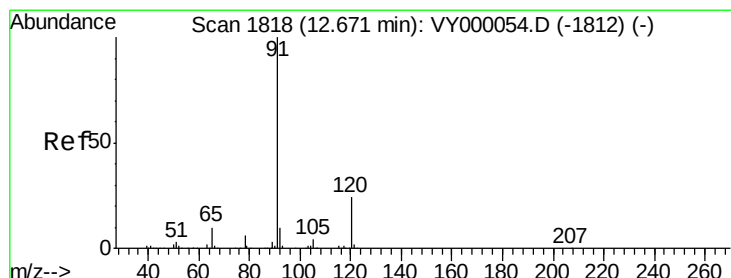
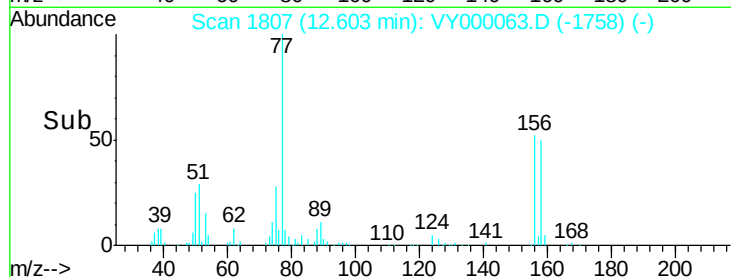
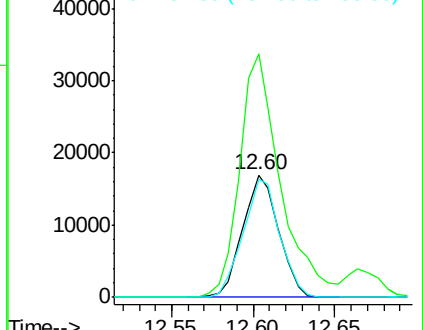
158 98.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.108 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY000063.D

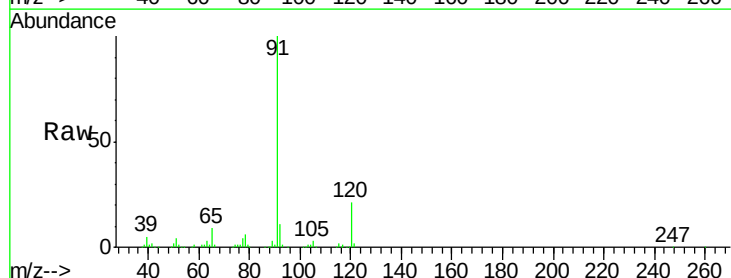
Acq: 18 Sep 2019 16:19

Tgt Ion: 91 Resp: 156870

Ion Ratio Lower Upper

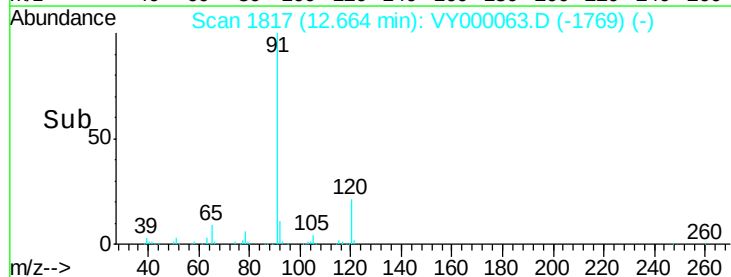
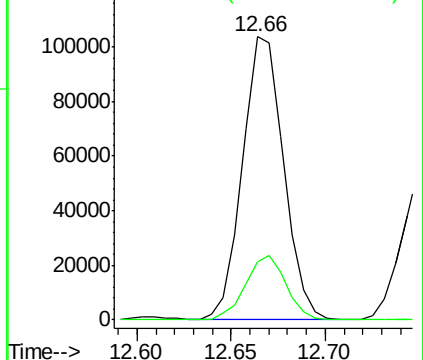
91 100

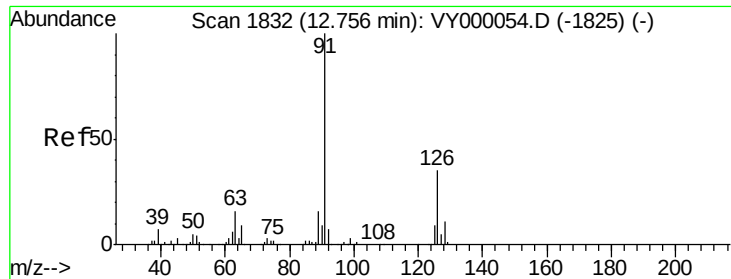
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.088 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

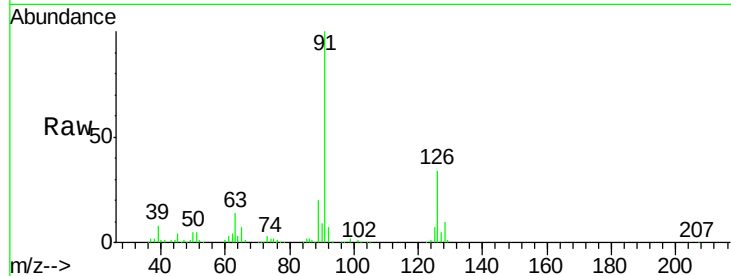
ClientSampled :

Tot Ion: 91 Resp: 87618

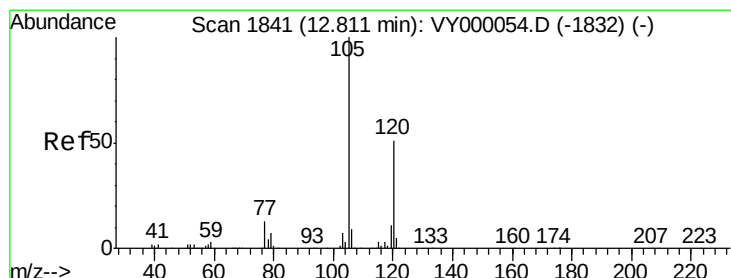
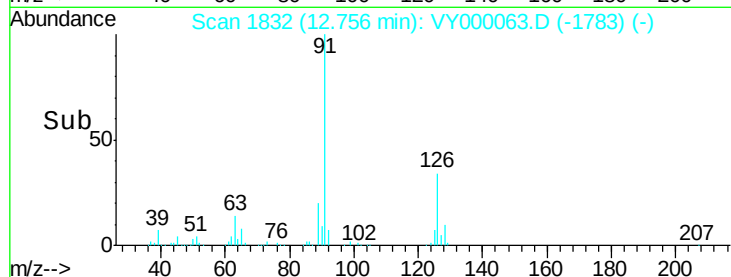
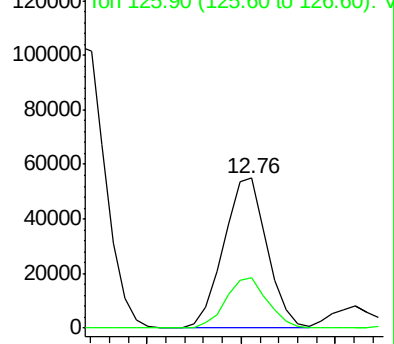
Ion Ratio Lower Upper

91 100

126 32.9 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.131 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000063.D

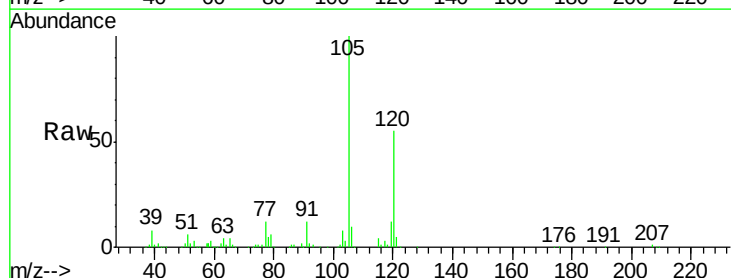
Acq: 18 Sep 2019 16:19

Tgt Ion:105 Resp: 106644

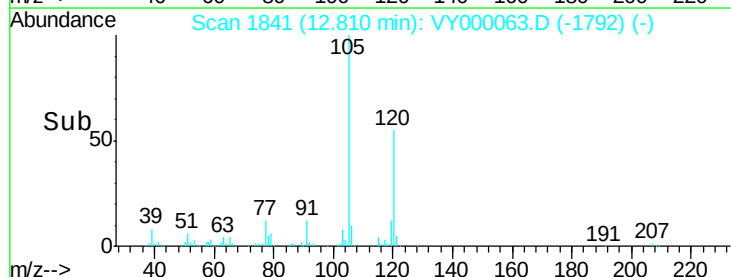
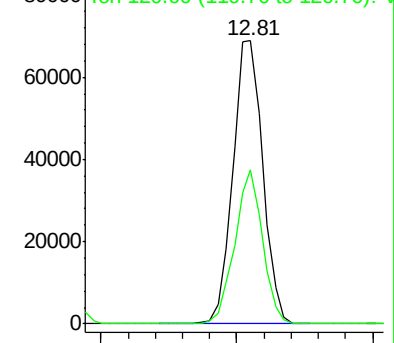
Ion Ratio Lower Upper

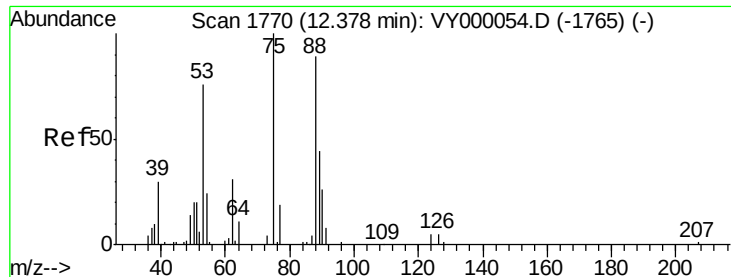
105 100

120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)

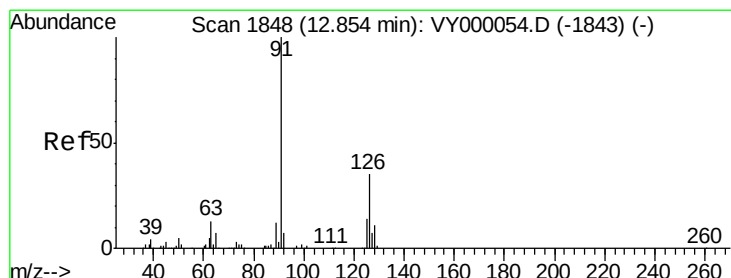
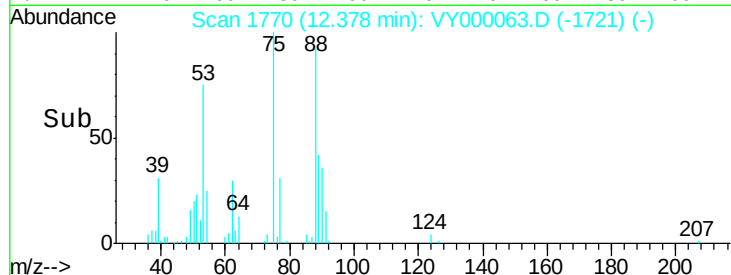
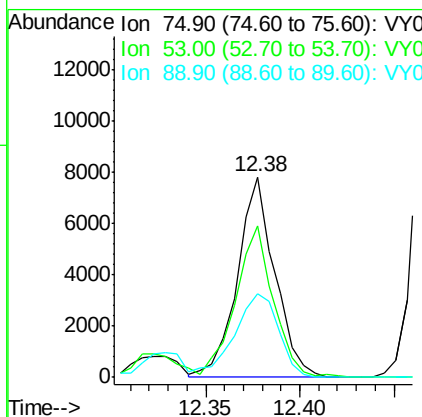
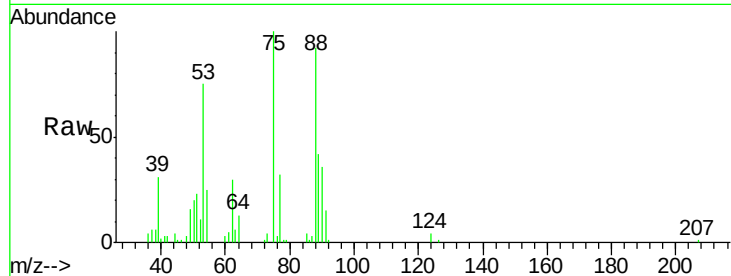




#81
trans-1,4-Dichloro-2-butene
Concen: 19.423 ug/l
RT: 12.38 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

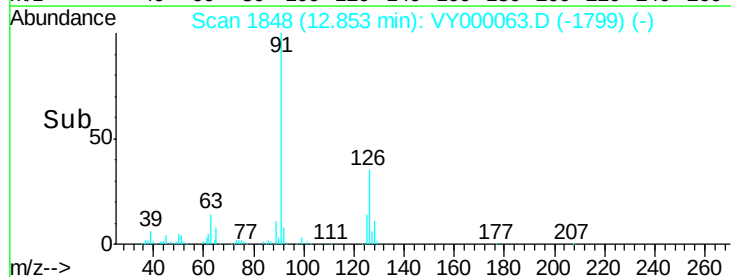
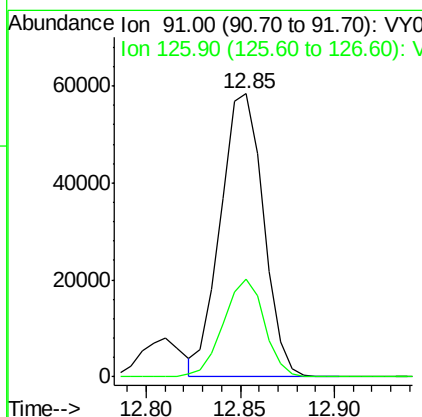
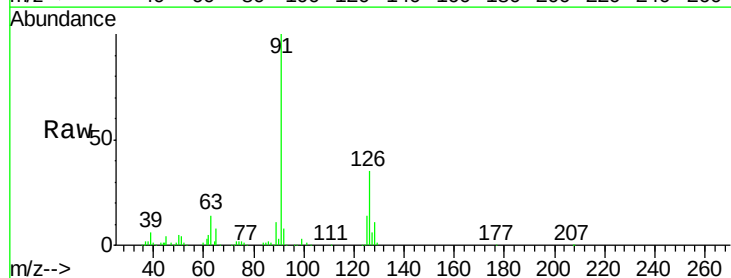
Instrument :
MSVOA_Y
ClientSampled :

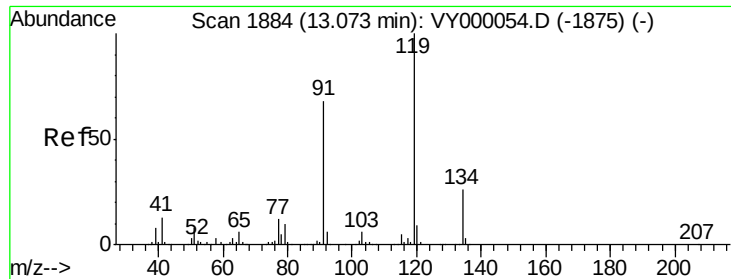
Tot Ion: 75 Resp: 10742
Ion Ratio Lower Upper
75 100
53 76.6 60.9 91.3
89 48.5 35.3 52.9



#82
4-Chlorotoluene
Concen: 21.509 ug/l
RT: 12.85 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VY000063.D
Acq: 18 Sep 2019 16:19

Tgt Ion: 91 Resp: 92410
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

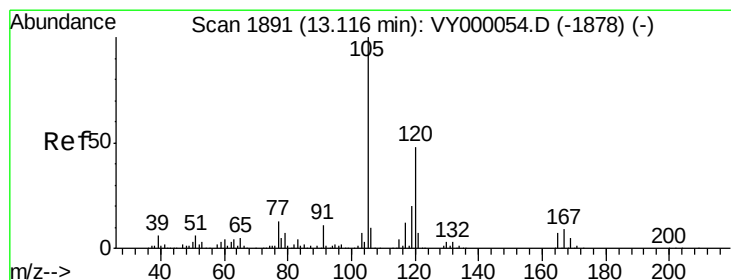
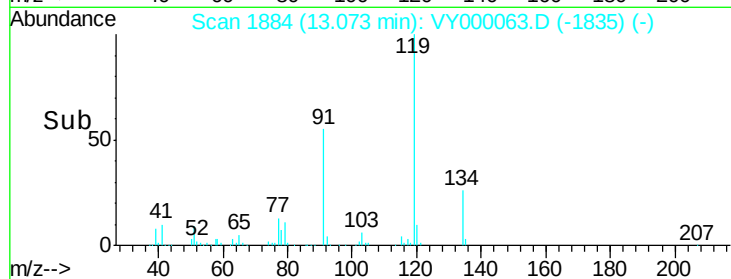
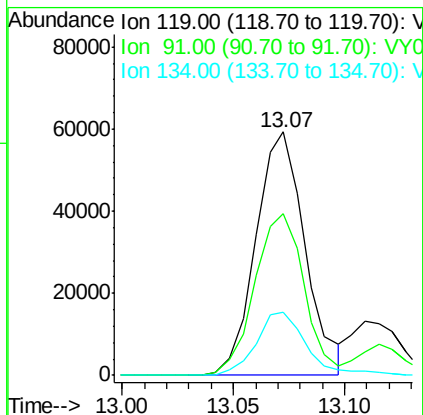
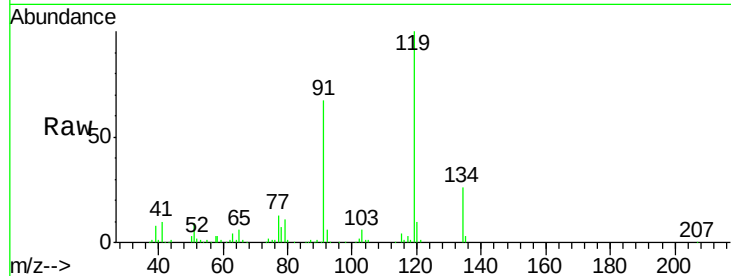




#83
 tert-Butylbenzene
 Concen: 21.114 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

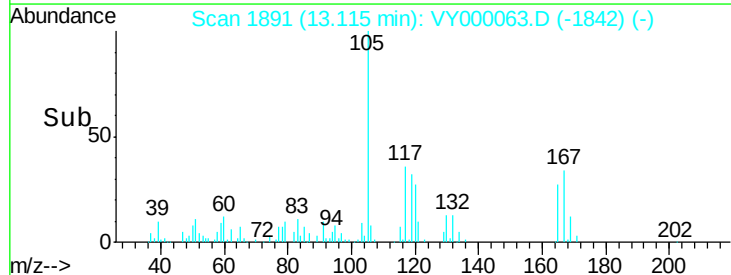
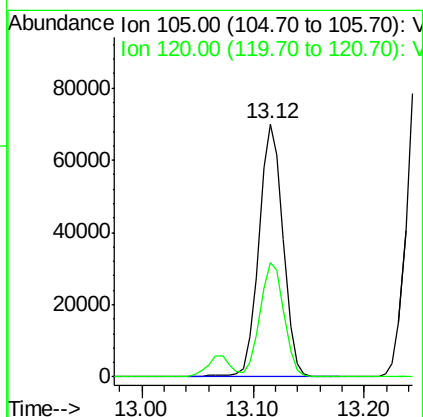
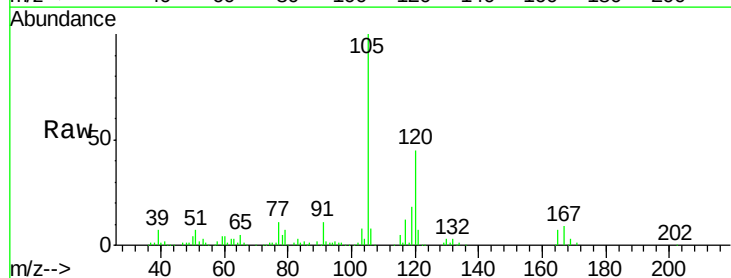
Instrument :
 MSVOA_Y
 ClientSampleId :

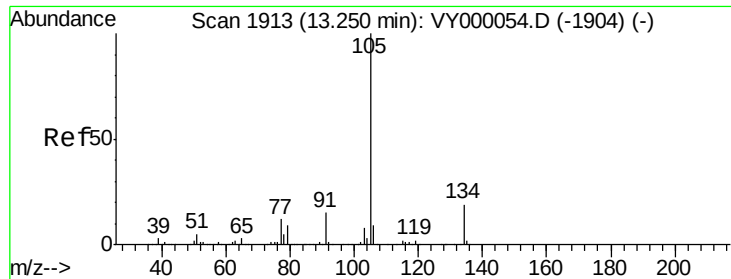
Tot Ion:119 Resp: 91168
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.4 100.1
 134 26.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.276 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion:105 Resp: 105864
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 21.221 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

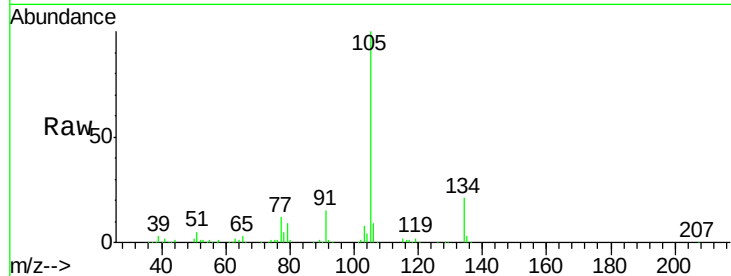
ClientSampleId :

Tot Ion:105 Resp: 135377

Ion Ratio Lower Upper

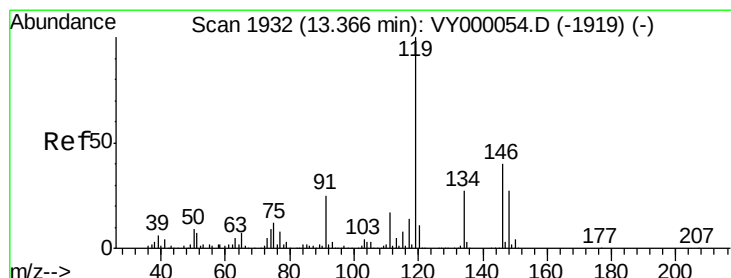
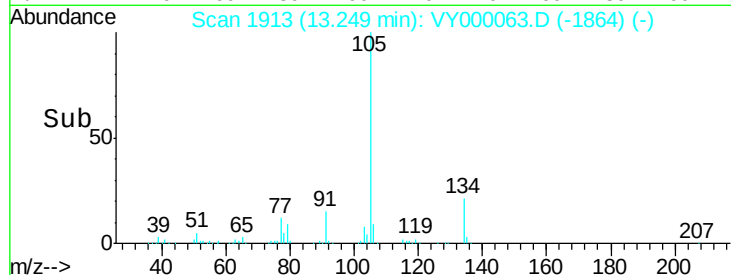
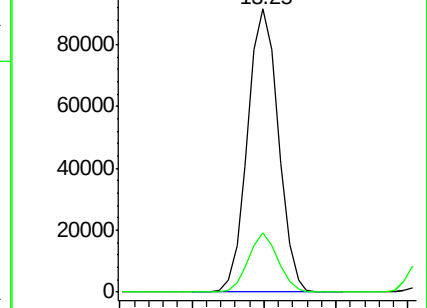
105 100

134 20.0 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.980 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

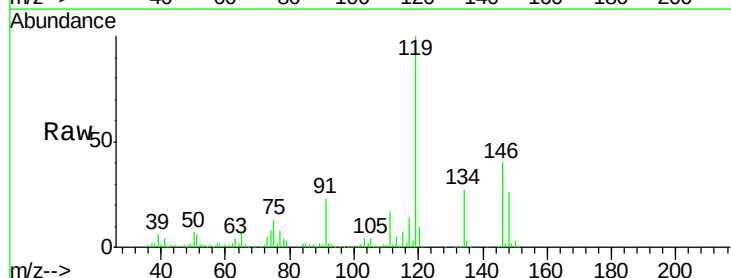
Tgt Ion:119 Resp: 113447

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

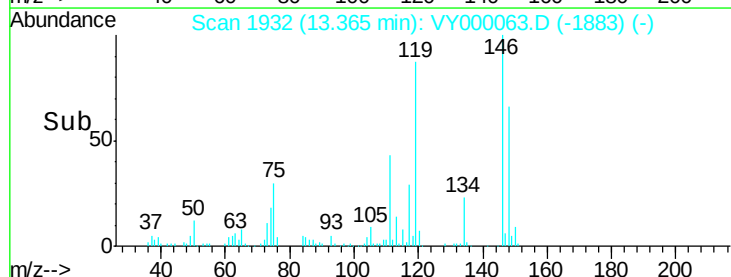
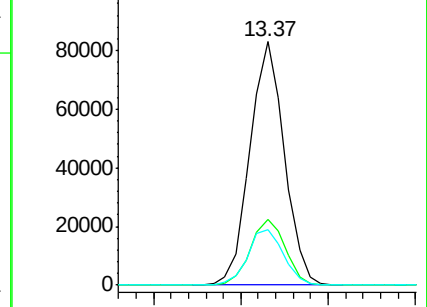
91 23.8 12.4 37.4

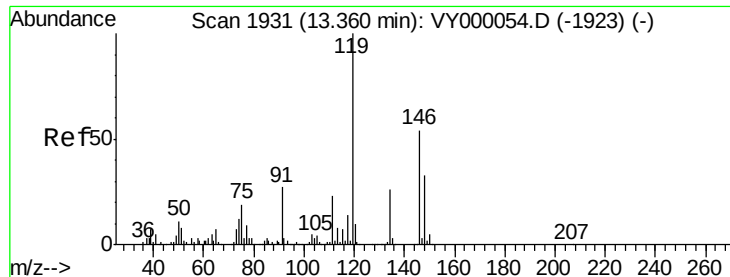


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

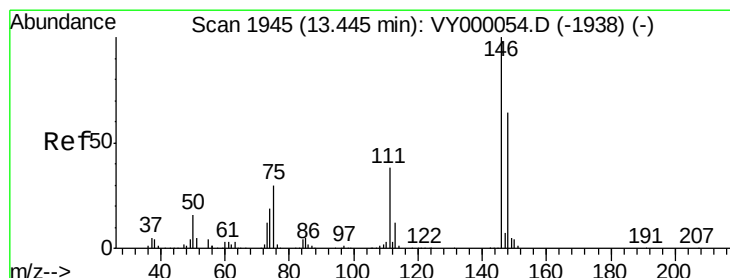
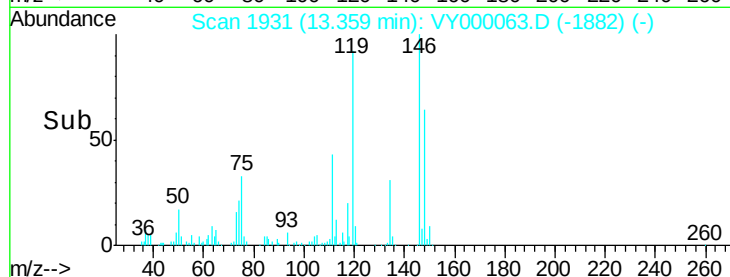
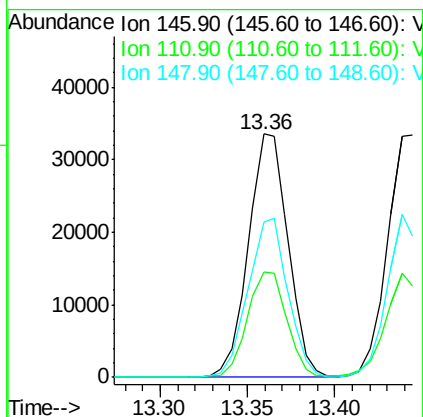
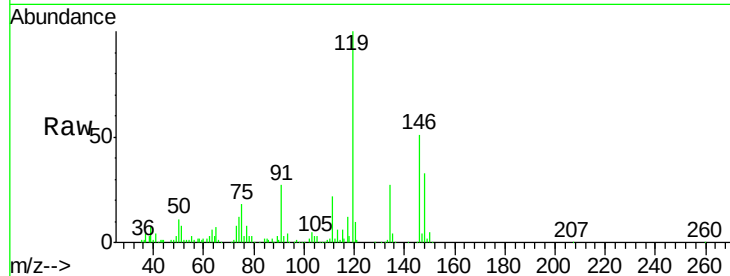




#87
 1,3-Dichlorobenzene
 Concen: 20.944 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

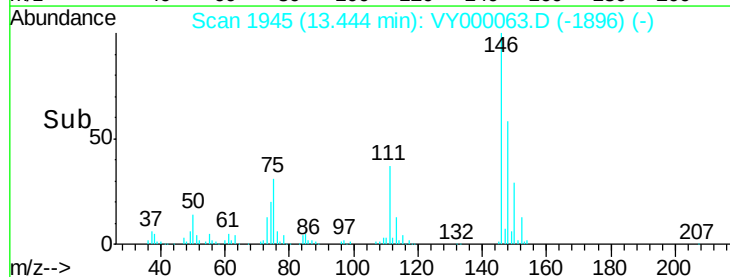
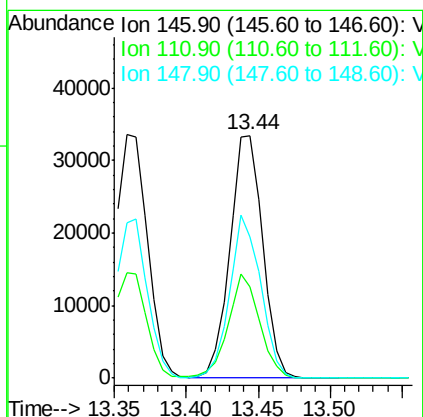
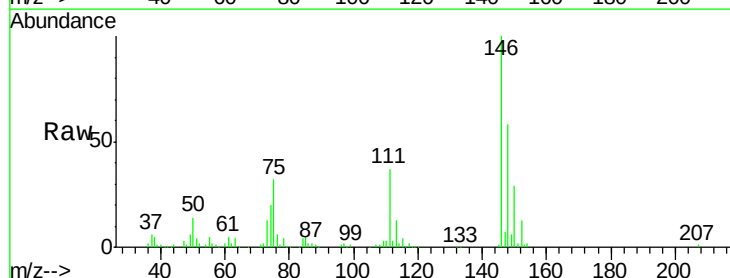
Instrument :
 MSVOA_Y
 ClientSampleId :

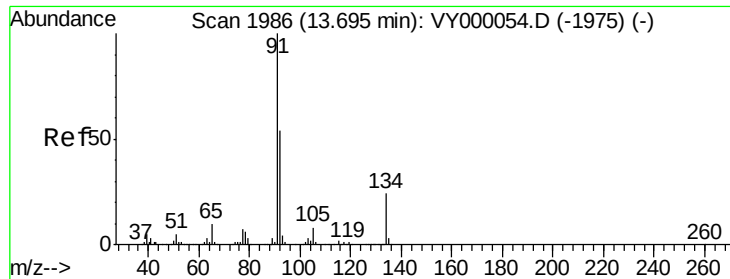
Tot Ion:146 Resp: 52854
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.1
 148 65.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.070 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion:146 Resp: 53432
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.4
 148 63.4 31.5 94.5





#89

n-Butylbenzene

Concen: 21.144 ug/l

RT: 13.69 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

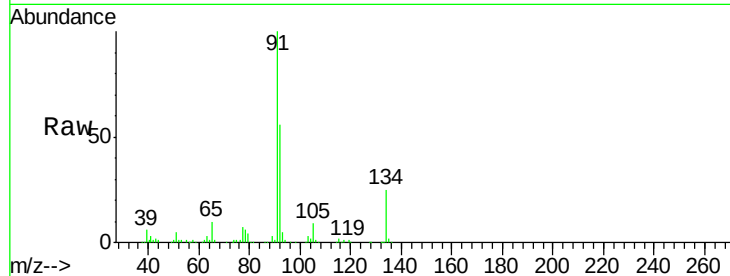
Tot Ion: 91 Resp: 117619

Ion Ratio Lower Upper

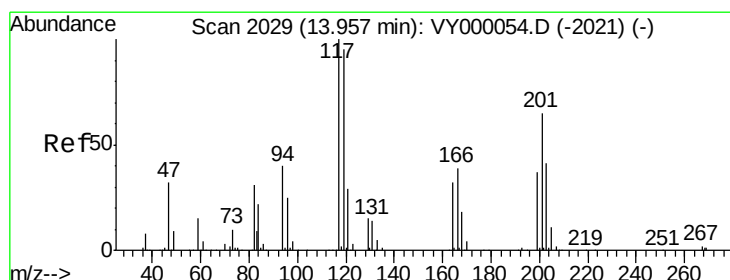
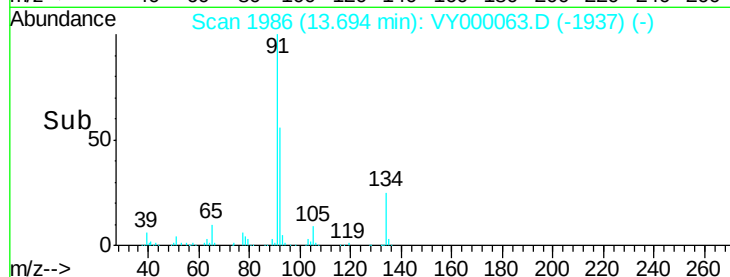
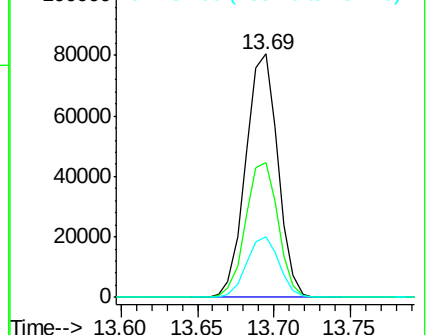
91 100

92 55.7 27.2 81.5

134 24.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.801 ug/l

RT: 13.96 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VY000063.D

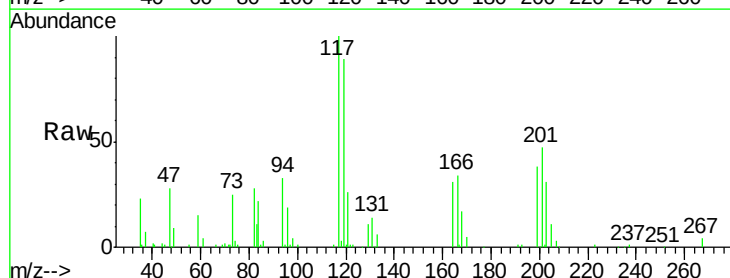
Acq: 18 Sep 2019 16:19

Tgt Ion: 117 Resp: 23166

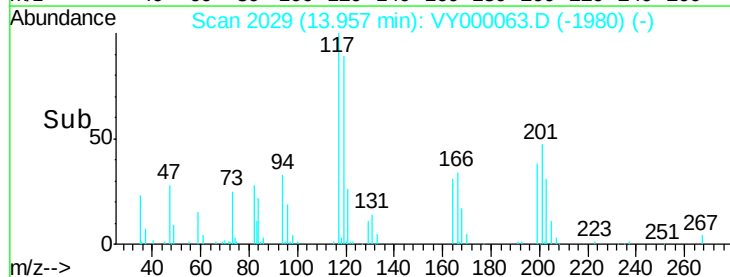
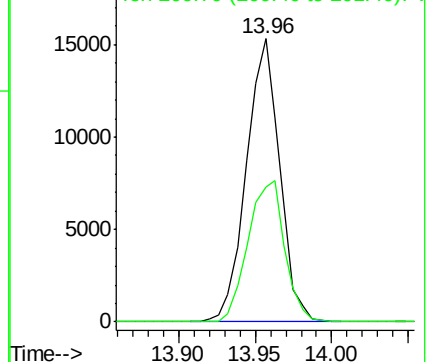
Ion Ratio Lower Upper

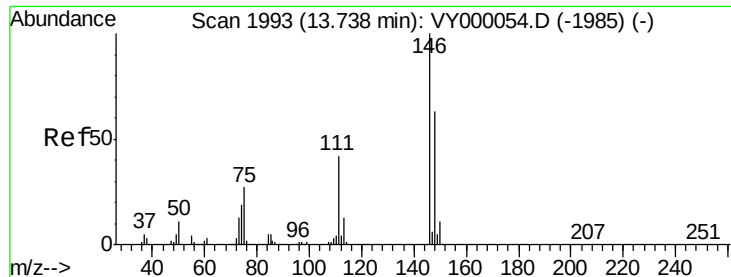
117 100

201 54.8 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

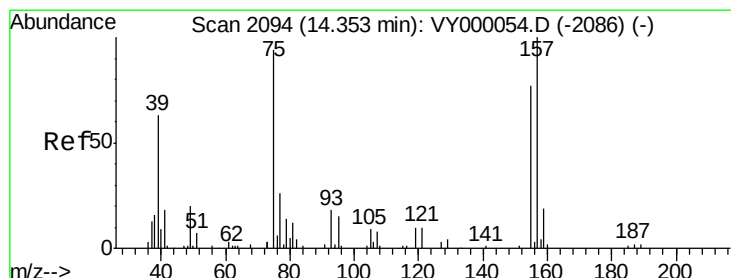
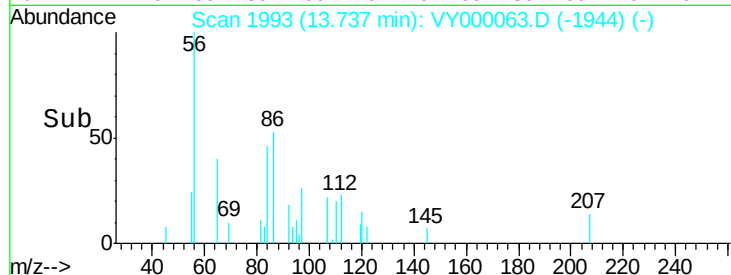
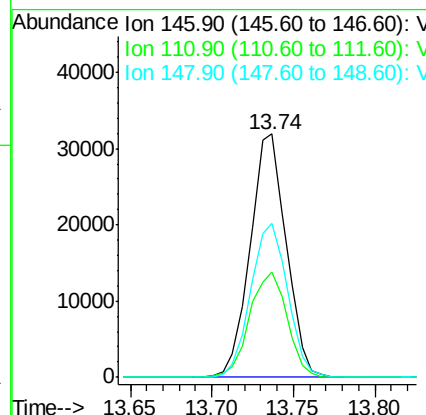
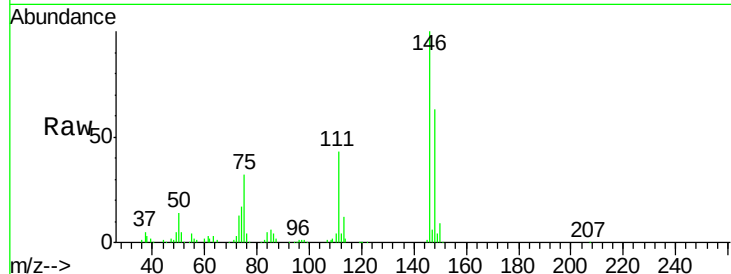




#91
 1,2-Dichlorobenzene
 Concen: 20.801 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

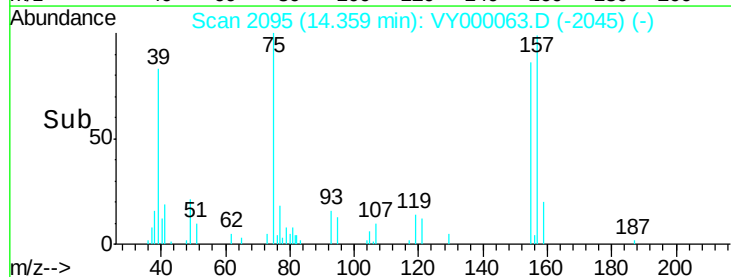
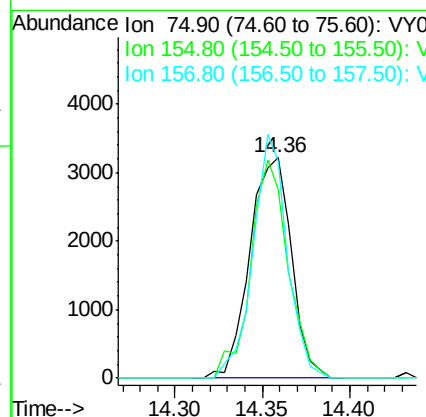
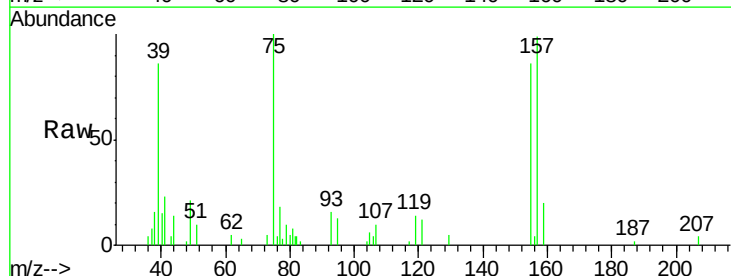
Instrument :
 MSVOA_Y
 ClientSampled :

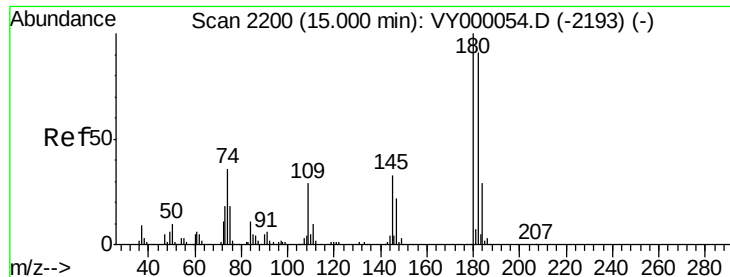
Tot Ion:146 Resp: 49320
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.9 65.7
 148 64.5 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.838 ug/l
 RT: 14.36 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion: 75 Resp: 5321
 Ion Ratio Lower Upper
 75 100
 155 88.8 40.6 121.7
 157 90.8 52.9 158.8

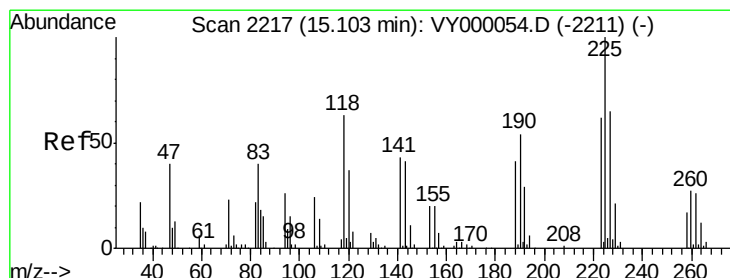
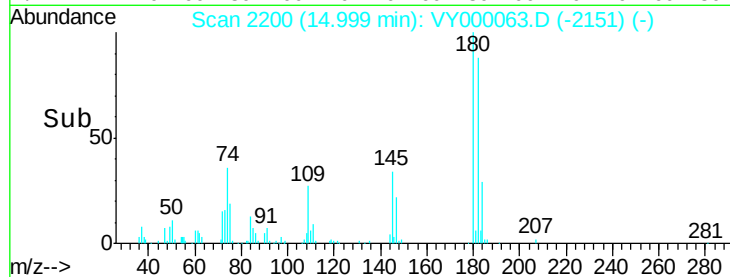
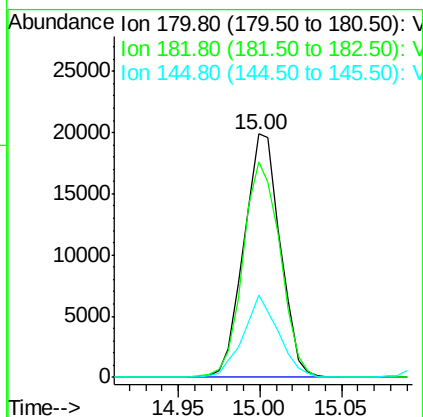
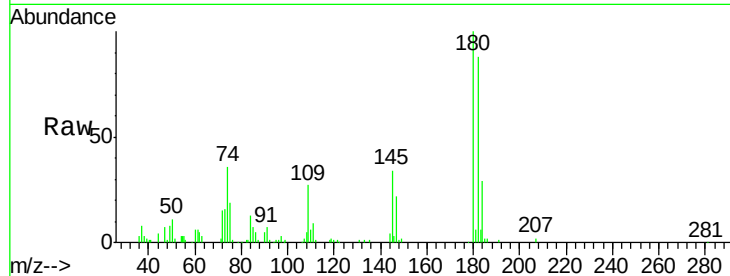




#93
 1,2,4-Trichlorobenzene
 Concen: 21.590 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

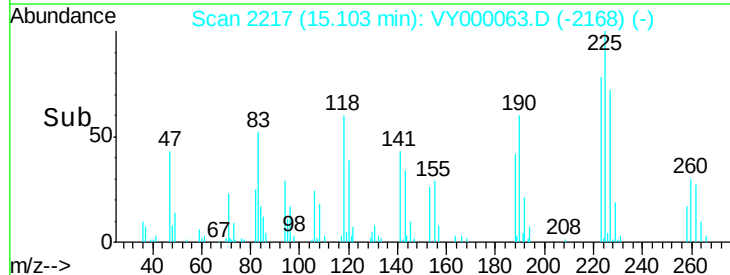
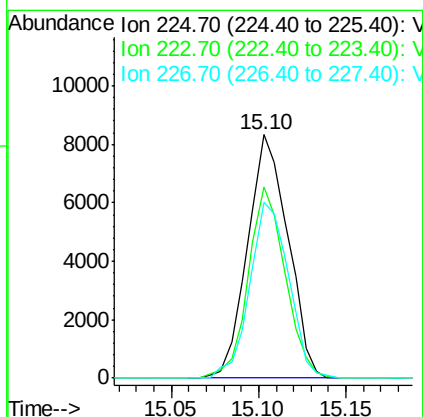
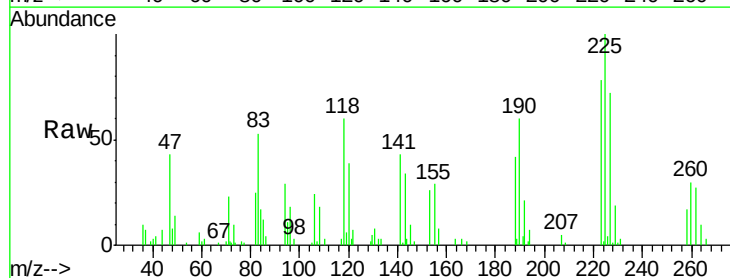
Instrument :
 MSVOA_Y
 ClientSampleId :

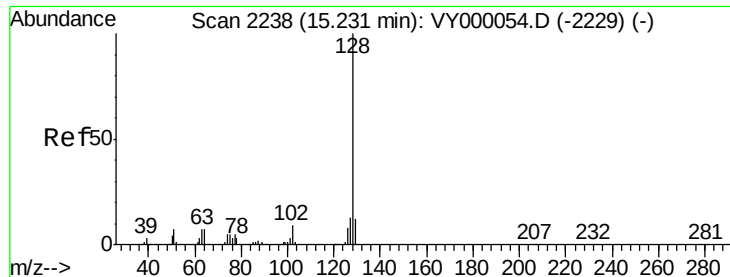
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.8	48.5	145.6
145	32.9	17.2	51.6



#94
 Hexachlorobutadiene
 Concen: 19.446 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000063.D
 Acq: 18 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	71.6	31.9	95.5
227	69.1	30.6	91.6





#95

Naphthalene

Concen: 20.700 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

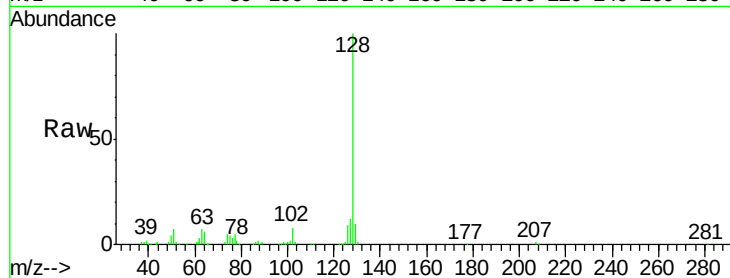
Tot Ion:128 Resp: 84074

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

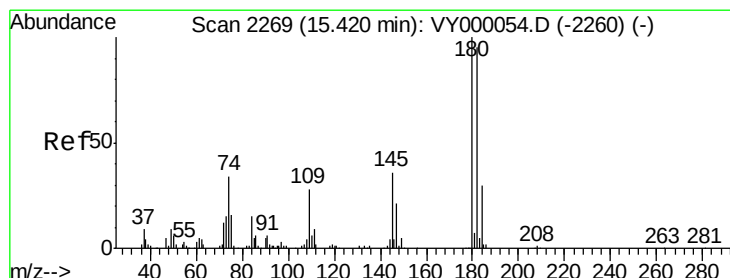
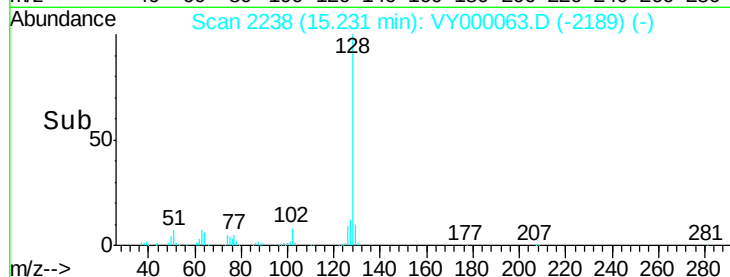
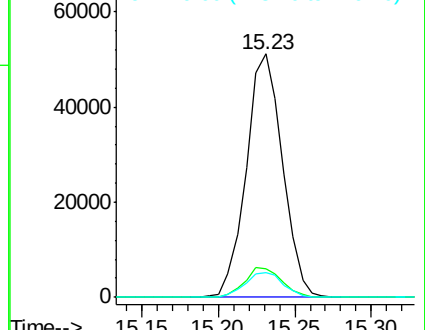
129 10.9 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.268 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VY000063.D

Acq: 18 Sep 2019 16:19

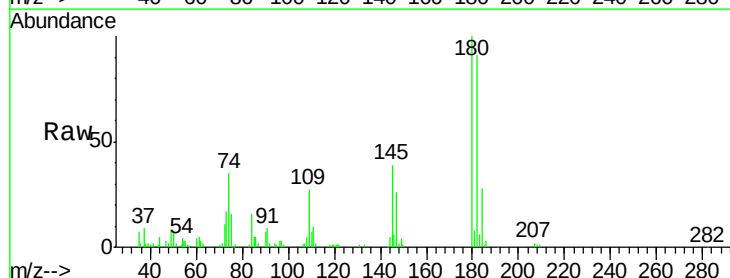
Tgt Ion:180 Resp: 27674

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 36.9 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

