

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002916.D
 Acq On : 18 Jun 2020 13:38
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 05:01:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	252735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	372818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	109860	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.72	113	111177	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.18	98	429347	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.48	95	155348	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34672	19.938	ug/l	99
3) Chloromethane	2.12	50	41326	21.484	ug/l	98
4) Vinyl Chloride	2.26	62	42612	20.959	ug/l	97
5) Bromomethane	2.65	94	33533	22.009	ug/l	99
6) Chloroethane	2.79	64	29483	22.370	ug/l	99
7) Trichlorofluoromethane	3.13	101	82821	23.001	ug/l	93
8) Diethyl Ether	3.54	74	30290	21.543	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49822	23.304	ug/l	97
10) Methyl Iodide	4.10	142	64241	21.474	ug/l	100
11) Tert butyl alcohol	4.97	59	31486	127.225	ug/l	96
12) 1,1-Dichloroethene	3.88	96	48462	22.540	ug/l	96
13) Acrolein	3.74	56	17265	67.136	ug/l	98
14) Allyl chloride	4.49	41	68855	22.329	ug/l	99
15) Acrylonitrile	5.17	53	75118	118.426	ug/l	100
16) Acetone	3.96	43	60541	117.654	ug/l	97
17) Carbon Disulfide	4.20	76	131664	20.265	ug/l	100
18) Methyl Acetate	4.49	43	35042	26.688	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	140741	23.711	ug/l	95
20) Methylene Chloride	4.72	84	73244	29.127	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	54229	22.428	ug/l	97
22) Diisopropyl ether	6.13	45	148673	23.201	ug/l	93
23) Vinyl Acetate	6.07	43	482646	114.081	ug/l	99
24) 1,1-Dichloroethane	6.03	63	86571	23.095	ug/l	99
25) 2-Butanone	7.00	43	94053	117.317	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83970	23.357	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	62460	23.075	ug/l	99
28) Bromochloromethane	7.34	49	36546	23.749	ug/l	99
29) Tetrahydrofuran	7.36	42	60271	115.578	ug/l	99
30) Chloroform	7.52	83	94675	23.801	ug/l	96
31) Cyclohexane	7.79	56	80341	21.587	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	87368	23.570	ug/l	100
36) 1,1-Dichloropropene	7.93	75	70848	22.559	ug/l	98
37) Ethyl Acetate	7.08	43	40714	23.828	ug/l	99
38) Carbon Tetrachloride	7.91	117	81917	23.480	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002916.D
 Acq On : 18 Jun 2020 13:38
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 05:01:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	89916	21.721	ug/l	98
40) Benzene	8.17	78	211754	22.819	ug/l	99
41) Methacrylonitrile	7.35	41	55709	60.689	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	61690	23.721	ug/l	100
43) Isopropyl Acetate	8.28	43	76698	23.687	ug/l	100
44) Trichloroethene	8.94	130	66898	22.823	ug/l	95
45) 1,2-Dichloropropane	9.22	63	52138	23.429	ug/l	100
46) Dibromomethane	9.31	93	31211	23.616	ug/l	99
47) Bromodichloromethane	9.50	83	74086	23.779	ug/l #	98
48) Methyl methacrylate	9.30	41	34328	23.485	ug/l	99
49) 1,4-Dioxane	9.31	88	8956	441.338	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	202936	118.359	ug/l	99
52) Toluene	10.25	92	138188	22.764	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79288	23.299	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	88789	23.026	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	47909	23.678	ug/l	94
56) Ethyl methacrylate	10.51	69	63114	23.289	ug/l	99
57) 1,3-Dichloropropane	10.79	76	78193	23.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	155578	117.487	ug/l	100
59) 2-Hexanone	10.83	43	144664	118.914	ug/l	99
60) Dibromochloromethane	10.99	129	61569	24.001	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46194	23.144	ug/l	100
64) Tetrachloroethene	10.72	164	71059	22.343	ug/l	98
65) Chlorobenzene	11.52	112	160274	23.174	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	61624	23.658	ug/l	100
67) Ethyl Benzene	11.59	91	276055	23.023	ug/l	100
68) m/p-Xylenes	11.70	106	215150	46.281	ug/l	99
69) o-Xylene	12.03	106	102384	23.329	ug/l	99
70) Styrene	12.04	104	178295	23.436	ug/l	100
71) Bromoform	12.21	173	42496	24.382	ug/l #	100
73) Isopropylbenzene	12.33	105	279659	22.414	ug/l	99
74) N-amyl acetate	12.14	43	72659	22.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53229	24.315	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	75007	42.755	ug/l #	100
77) Bromobenzene	12.61	156	73911	22.750	ug/l	98
78) n-propylbenzene	12.67	91	323990	22.480	ug/l	100
79) 2-Chlorotoluene	12.75	91	182236	22.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	236850	22.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20855	22.396	ug/l	95
82) 4-Chlorotoluene	12.86	91	194414	22.952	ug/l	100
83) tert-Butylbenzene	13.08	119	214282	23.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	241439	23.049	ug/l	98
85) sec-Butylbenzene	13.25	105	291678	22.956	ug/l	99
86) p-Isopropyltoluene	13.37	119	274861	23.248	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	142128	23.095	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	142310	23.117	ug/l	99
89) n-Butylbenzene	13.70	91	247181	23.028	ug/l	99
90) Hexachloroethane	13.96	117	52408	23.678	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	130822	23.440	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10210	24.241	ug/l	96

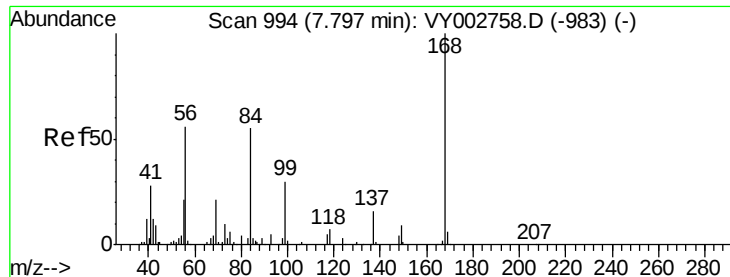
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
Data File : VY002916.D
Acq On : 18 Jun 2020 13:38
Operator : SY/MD
Sample : VY0618SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBSD01

Quant Time: Jun 19 05:01:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	99590	23.674	ug/l	99
94) Hexachlorobutadiene	15.11	225	57723	24.193	ug/l	99
95) Naphthalene	15.23	128	198418	23.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89556	23.840	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

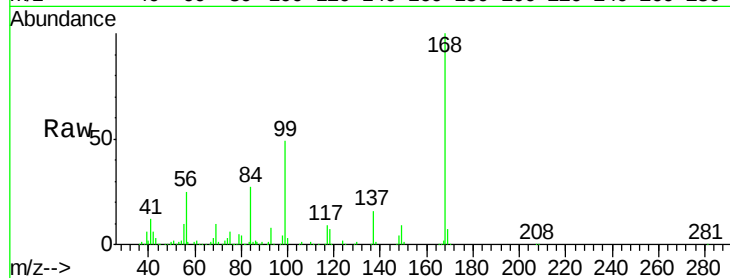
VY0618SBS01

Tot Ion:168 Resp: 252735

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

120000

100000

80000

60000

40000

20000

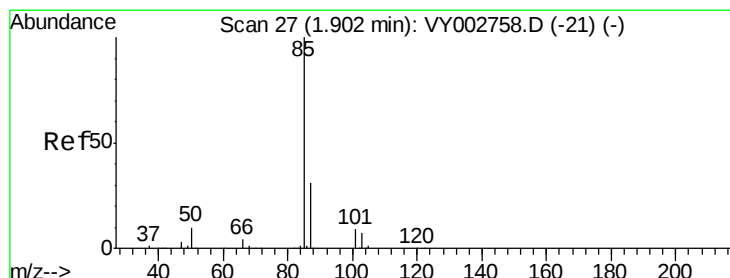
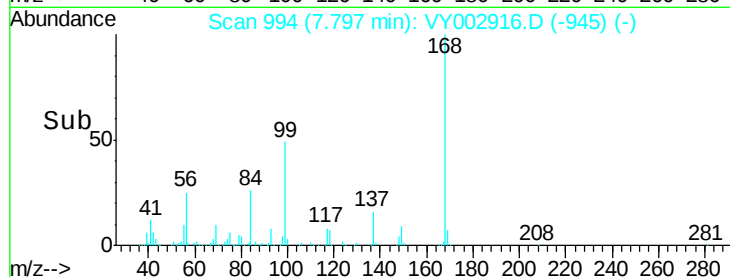
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.938 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002916.D

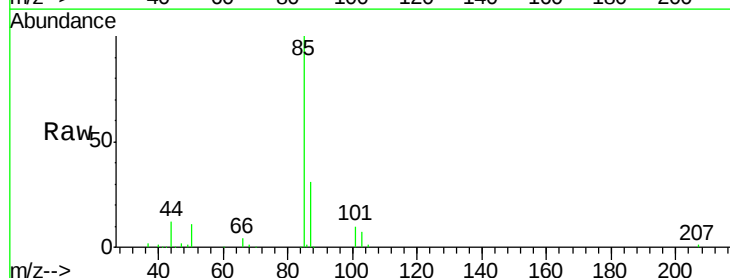
Acq: 18 Jun 2020 13:38

Tgt Ion: 85 Resp: 34672

Ion Ratio Lower Upper

85 100

87 31.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.90

25000

20000

15000

10000

5000

0

1.85

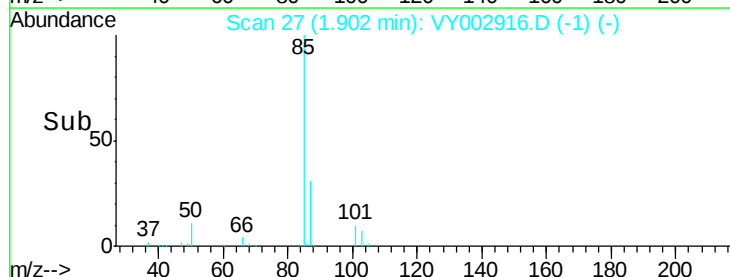
1.90

1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 21.484 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

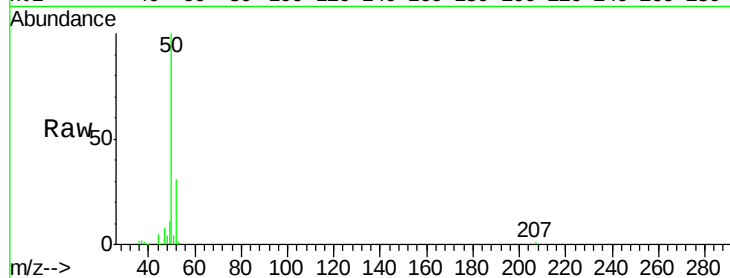
VY0618SBS01

Tot Ion: 50 Resp: 41326

Ion Ratio Lower Upper

50 100

52 31.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

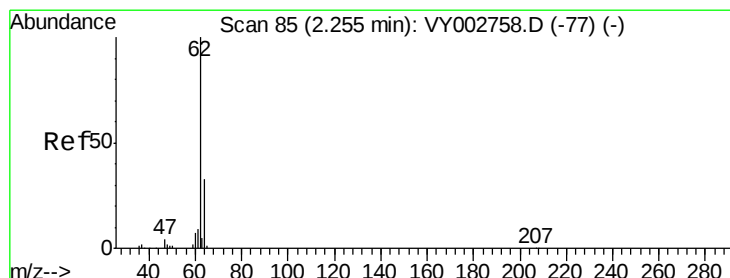
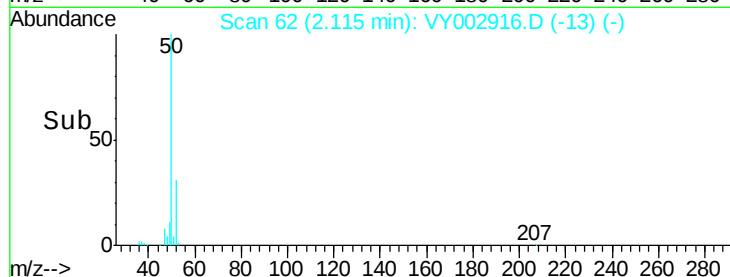
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 20.959 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002916.D

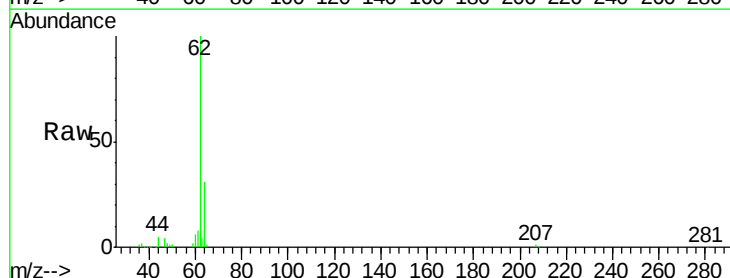
Acq: 18 Jun 2020 13:38

Tgt Ion: 62 Resp: 42612

Ion Ratio Lower Upper

62 100

64 31.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

30000

25000

20000

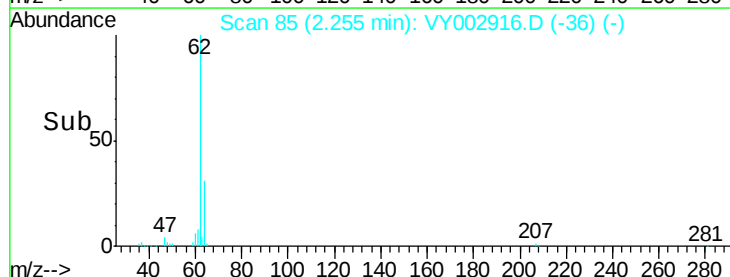
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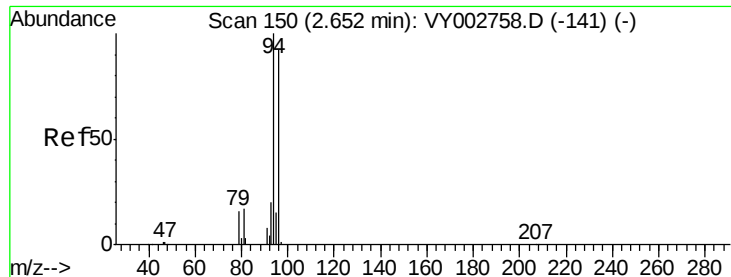
10000

5000

0

Time-->





#5

Bromomethane

Concen: 22.009 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

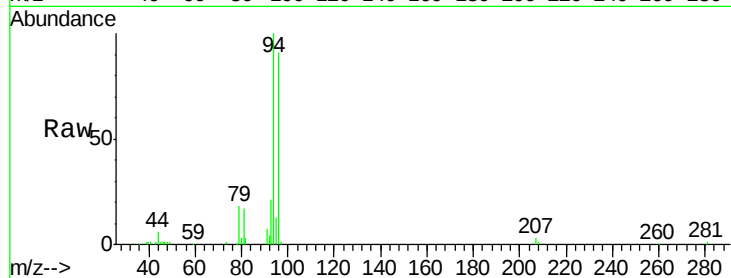
VY0618SBS01

Tot Ion: 94 Resp: 33533

Ion Ratio Lower Upper

94 100

96 91.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

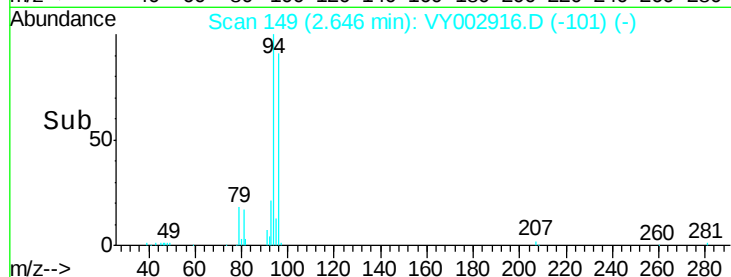
15000

10000

5000

0

Time-->

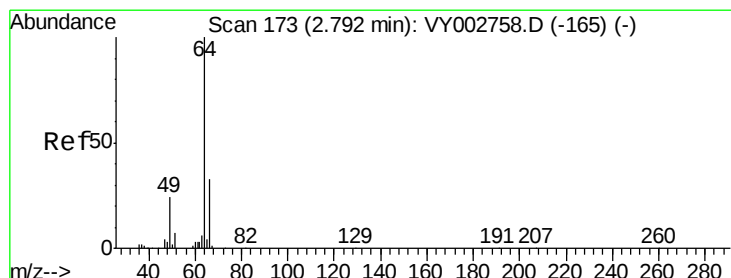


2.65

2.60

2.70

2.75



#6

Chloroethane

Concen: 22.370 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002916.D

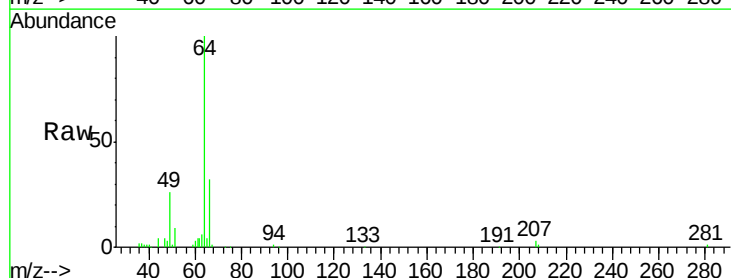
Acq: 18 Jun 2020 13:38

Tgt Ion: 64 Resp: 29483

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

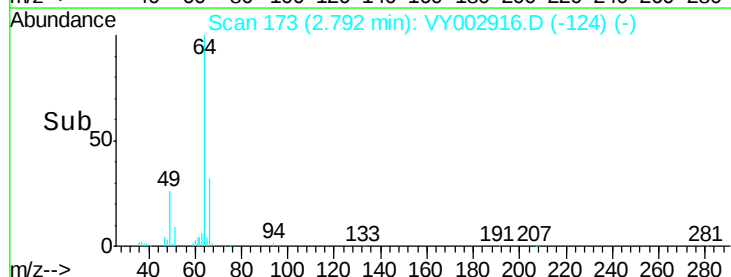
15000

10000

5000

0

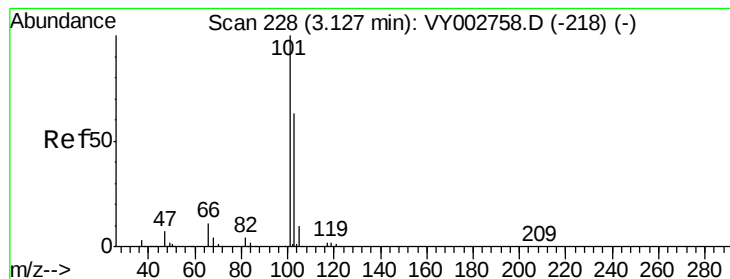
Time-->



2.79

2.70

2.90

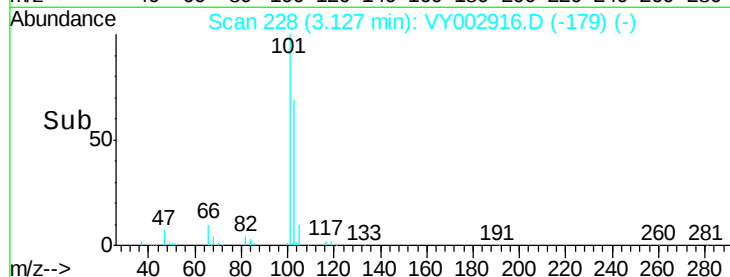
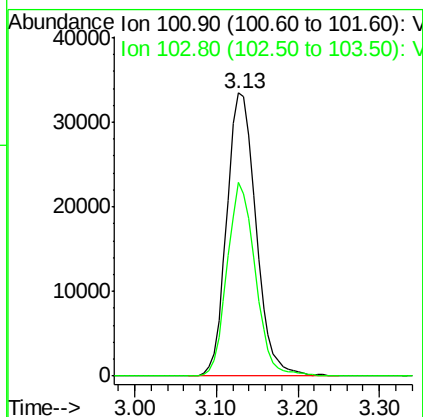
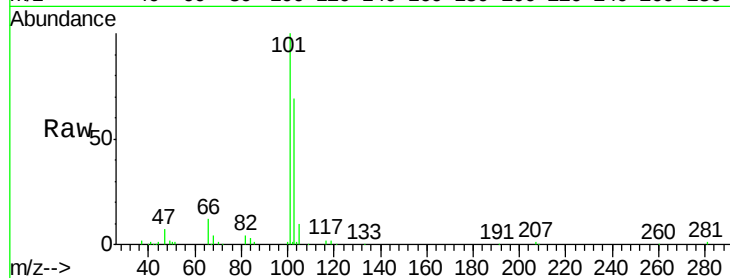


#7

Trichlorofluoromethane
 Concen: 23.001 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

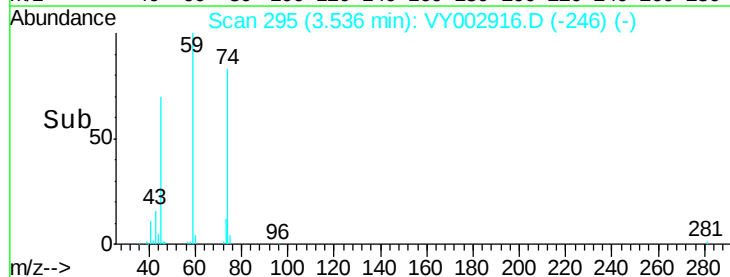
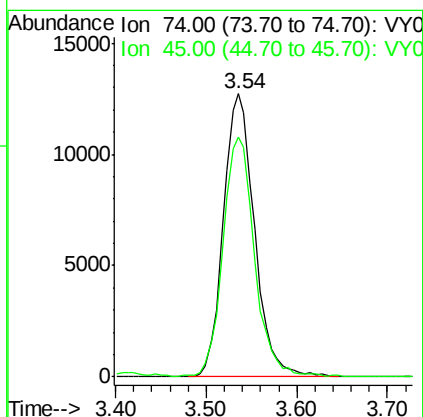
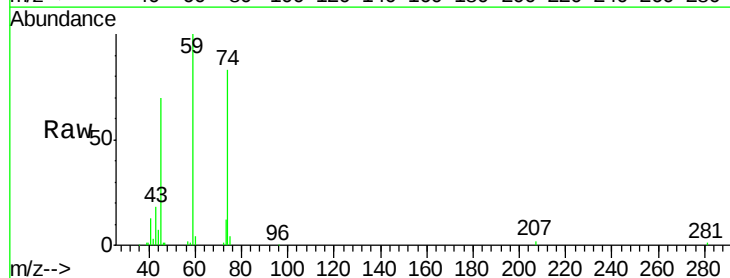
Tot Ion:101 Resp: 82821
 Ion Ratio Lower Upper
 101 100
 103 68.6 50.6 76.0

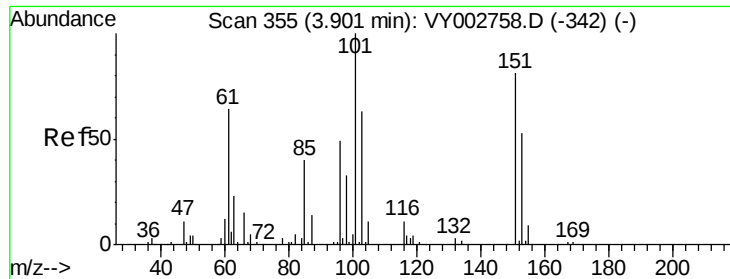


#8

Diethyl Ether
 Concen: 21.543 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion: 74 Resp: 30290
 Ion Ratio Lower Upper
 74 100
 45 86.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.304 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

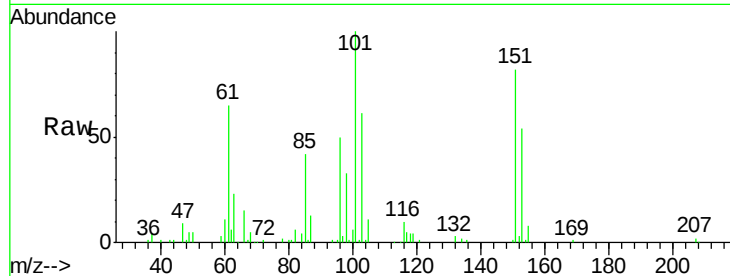
Tot Ion:101 Resp: 49822

Ion Ratio Lower Upper

101 100

85 42.4 32.7 49.1

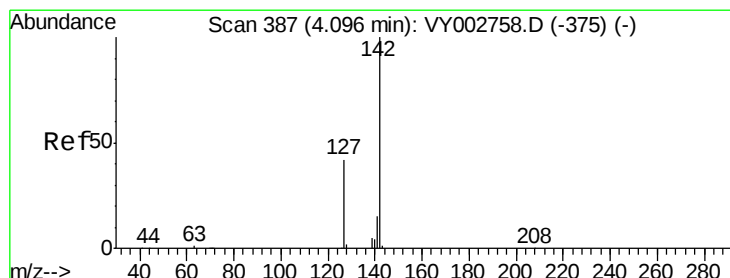
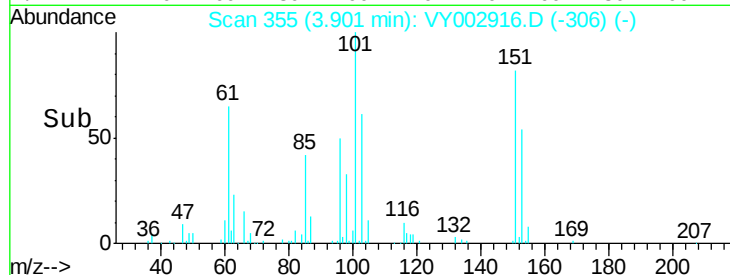
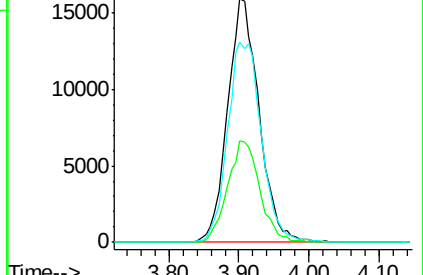
151 88.2 68.0 102.0



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: 21.474 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

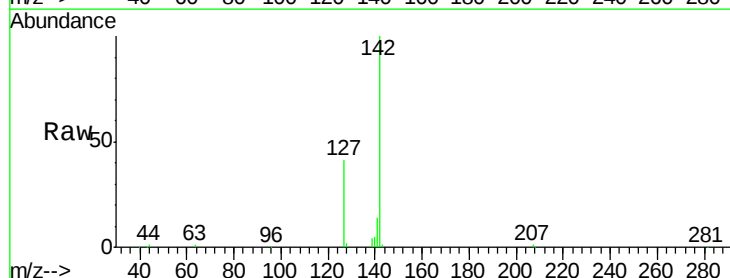
Tgt Ion:142 Resp: 64241

Ion Ratio Lower Upper

142 100

127 41.7 33.3 49.9

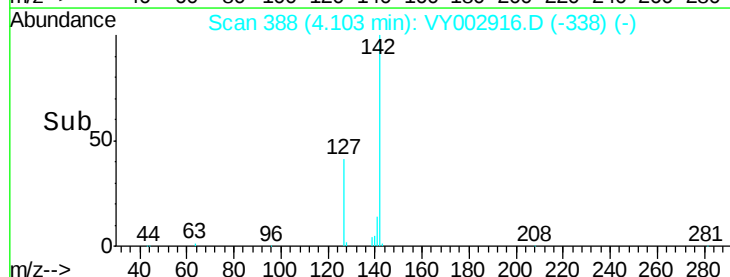
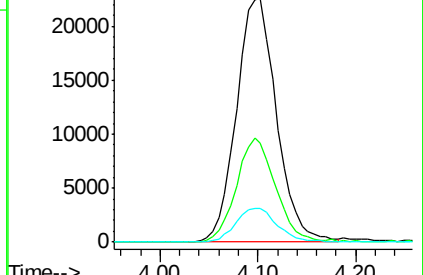
141 14.4 11.5 17.3



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



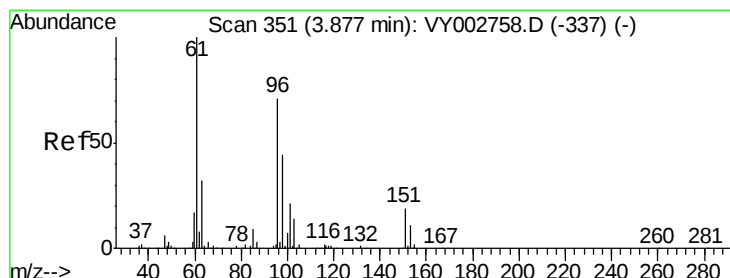
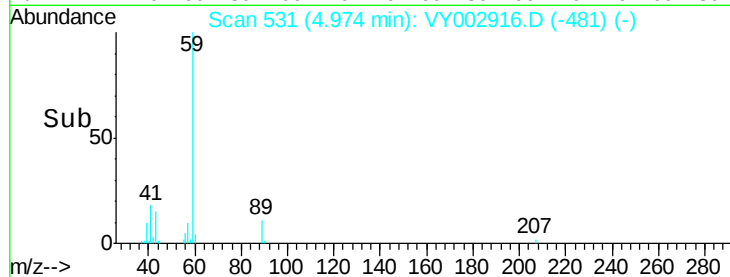
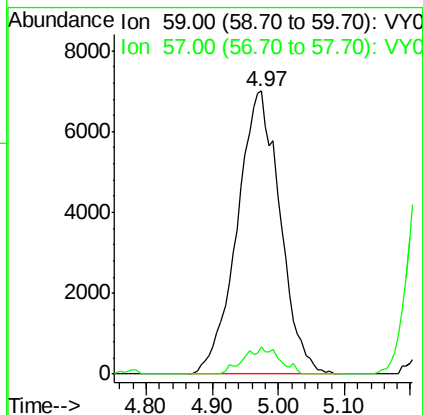
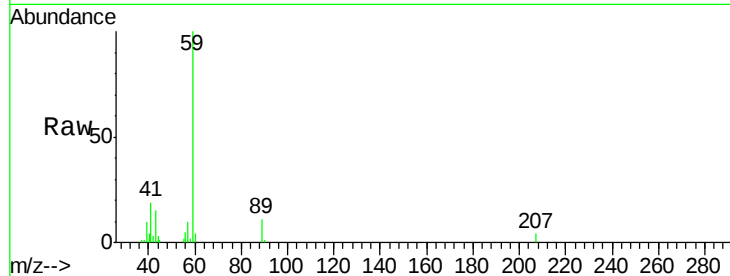


#11

Tert butyl alcohol
Concen: 127.225 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

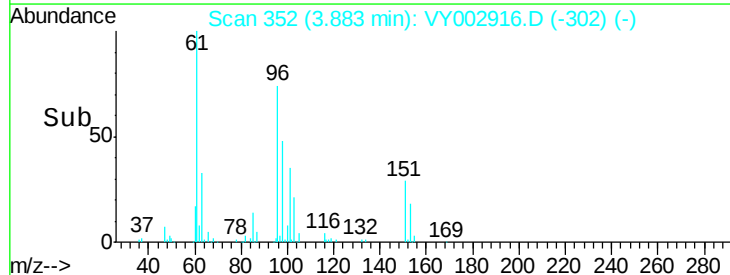
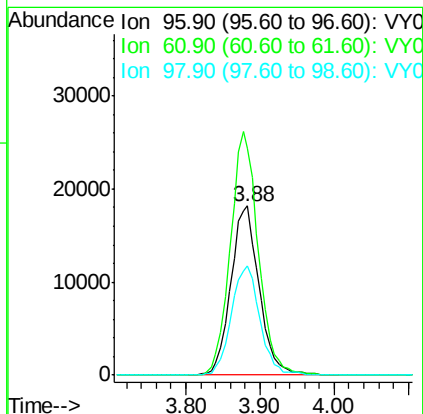
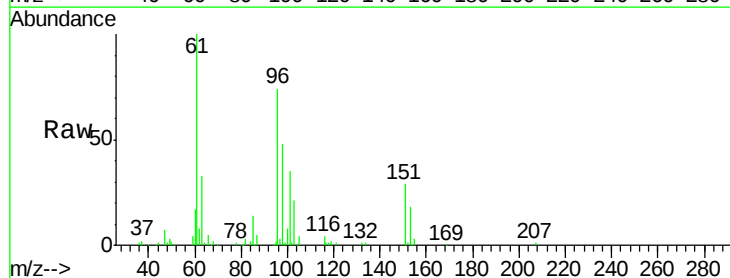
Tot Ion: 59 Resp: 31486
Ion Ratio Lower Upper
59 100
57 8.0 7.7 11.5

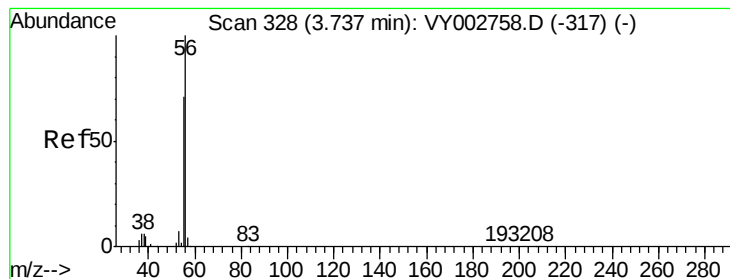


#12

1,1-Dichloroethene
Concen: 22.540 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 96 Resp: 48462
Ion Ratio Lower Upper
96 100
61 134.3 112.6 168.8
98 64.4 50.0 75.0





#13

Acrolein

Concen: 67.136 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

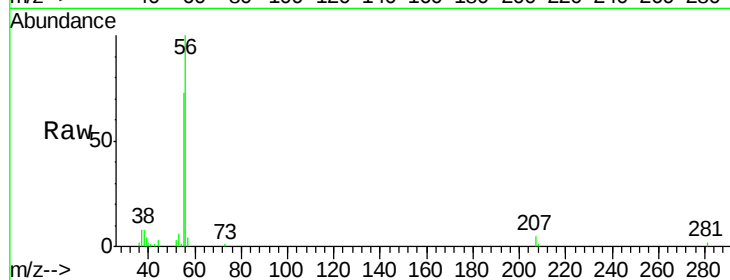
VY0618SBS01

Tot Ion: 56 Resp: 17265

Ion Ratio Lower Upper

56 100

55 71.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

6000

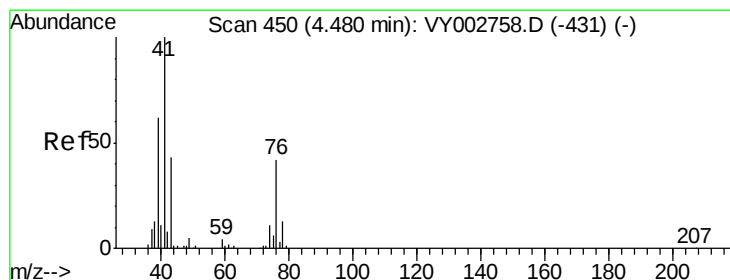
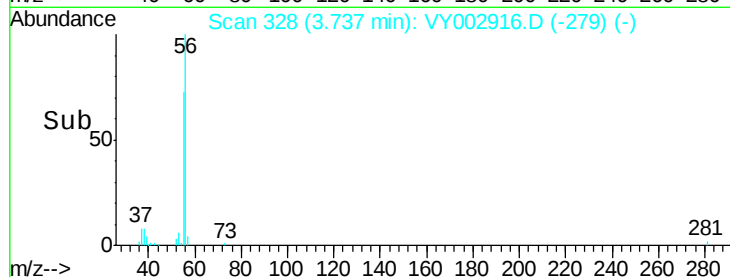
4000

2000

0

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 22.329 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

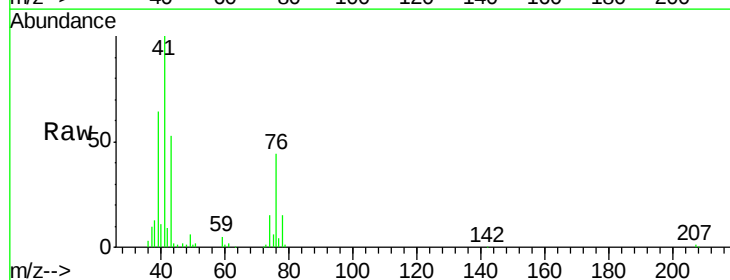
Tgt Ion: 41 Resp: 68855

Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

76 42.6 33.2 49.8



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

4.49

30000

25000

20000

15000

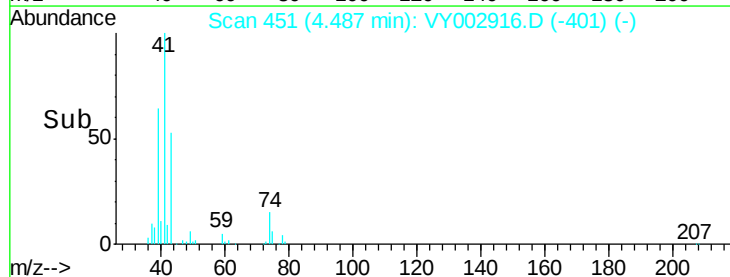
10000

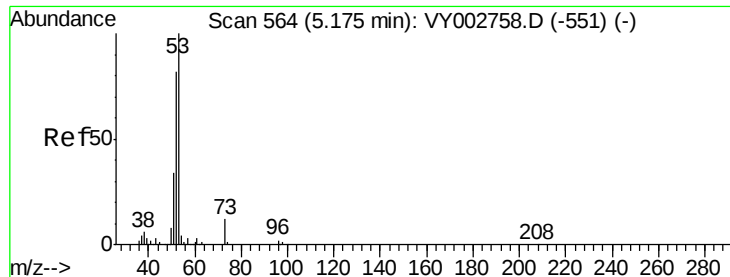
5000

0

4.30 4.40 4.50 4.60

Time-->





#15

Acrylonitrile

Concen: 118.426 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

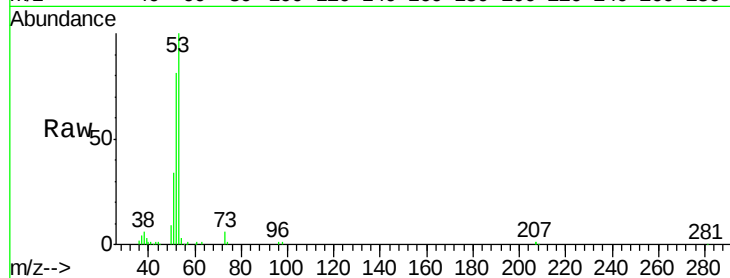
Tot Ion: 53 Resp: 75118

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

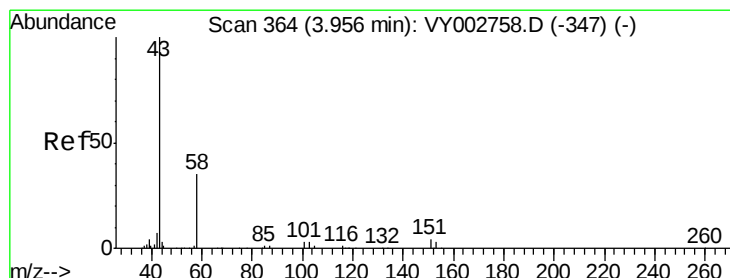
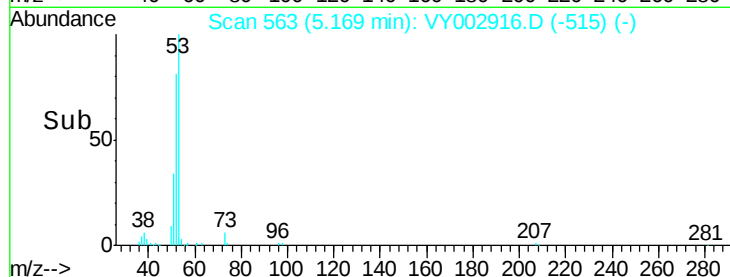
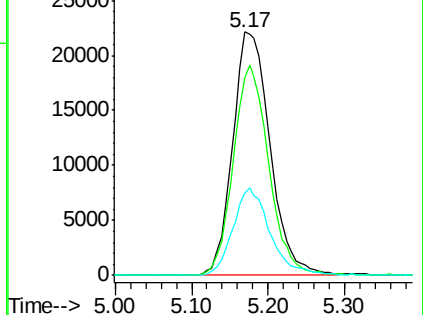
51 35.3 28.0 42.0



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: 117.654 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002916.D

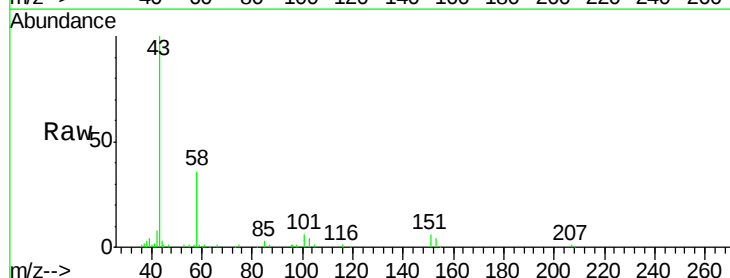
Acq: 18 Jun 2020 13:38

Tgt Ion: 43 Resp: 60541

Ion Ratio Lower Upper

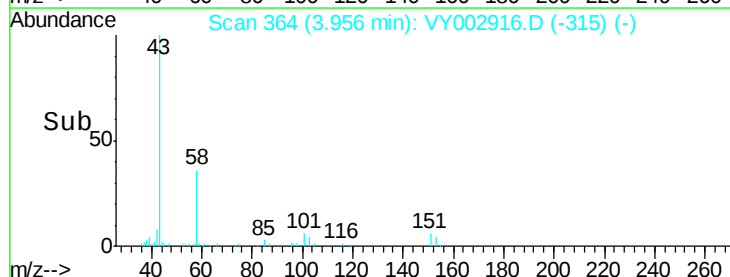
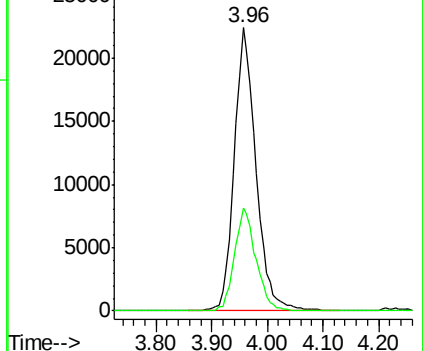
43 100

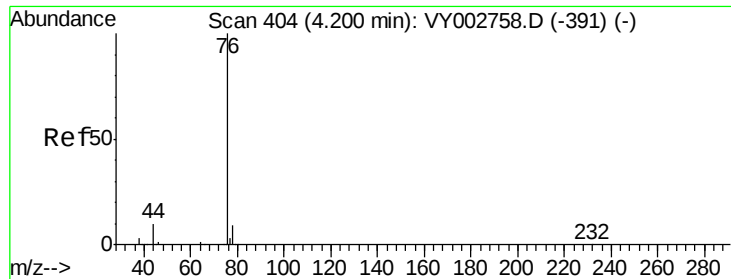
58 36.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.265 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

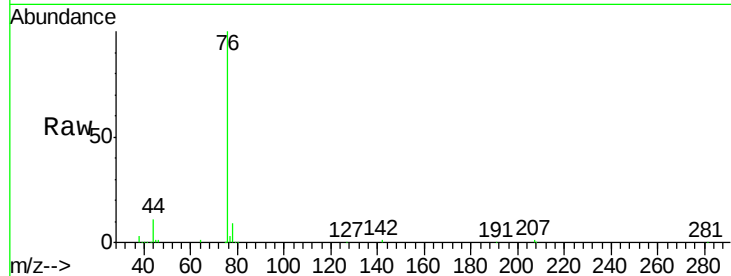
VY0618SBS01

Tot Ion: 76 Resp: 131664

Ion Ratio Lower Upper

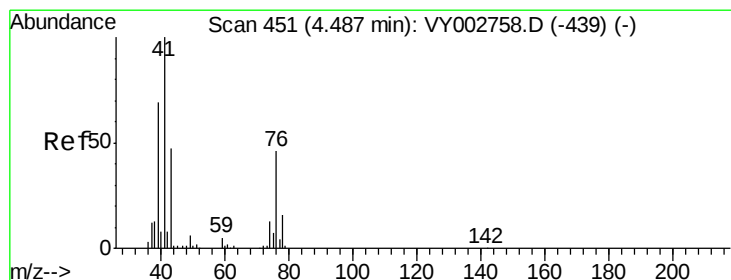
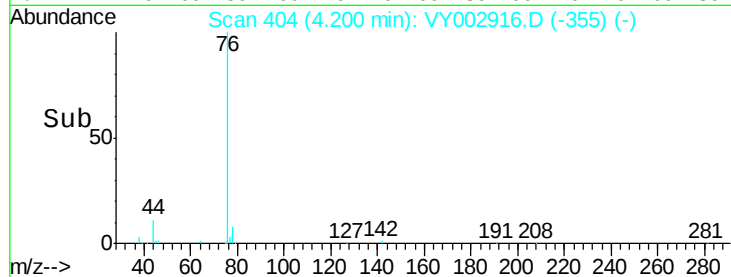
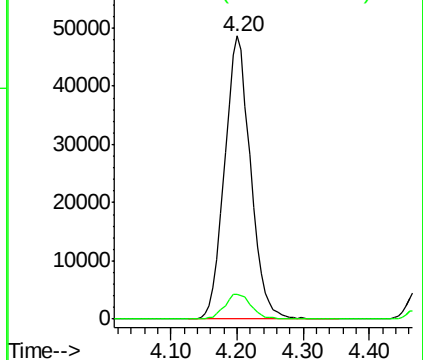
76 100

78 8.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 26.688 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002916.D

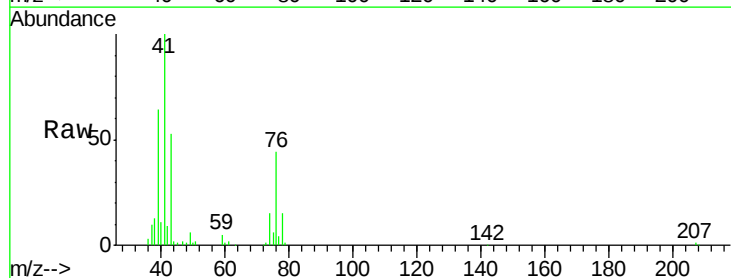
Acq: 18 Jun 2020 13:38

Tgt Ion: 43 Resp: 35042

Ion Ratio Lower Upper

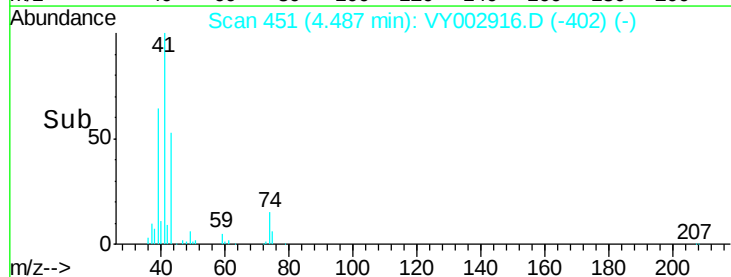
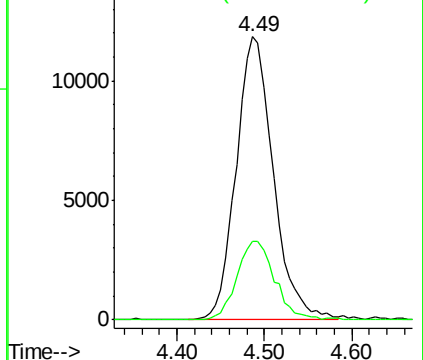
43 100

74 28.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

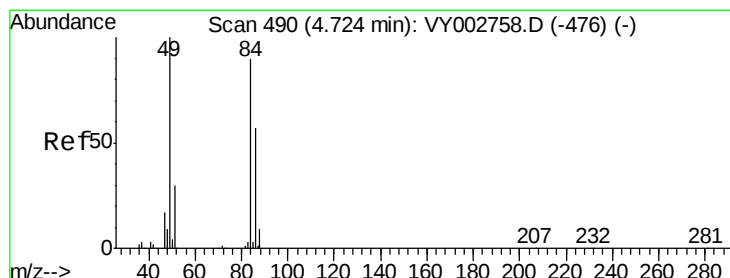
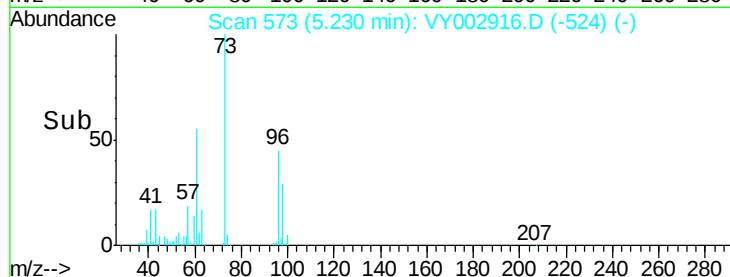
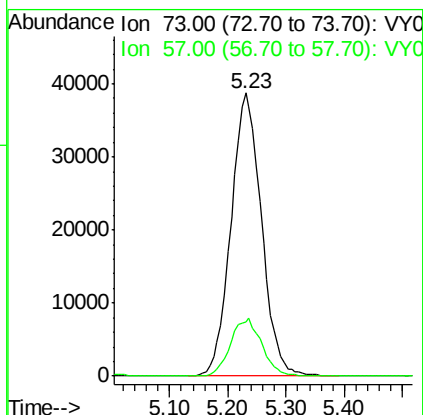
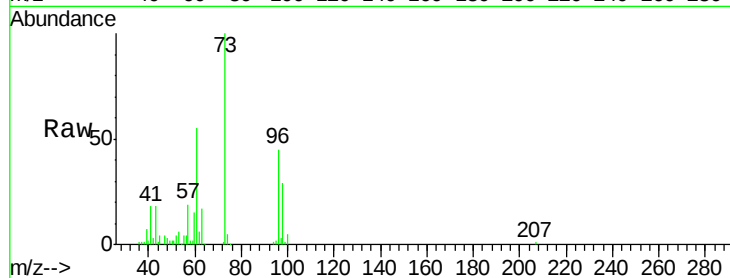




#19
Methvl tert-butvl Ether
Concen: 23.711 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

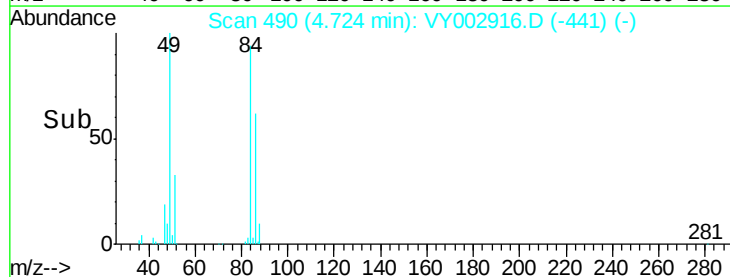
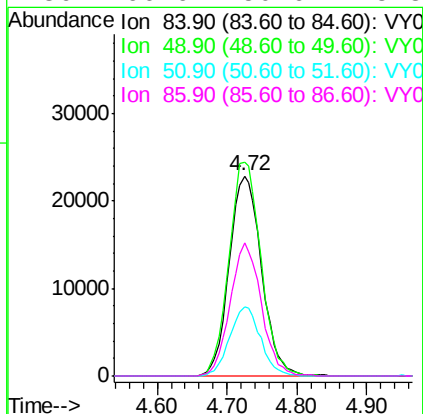
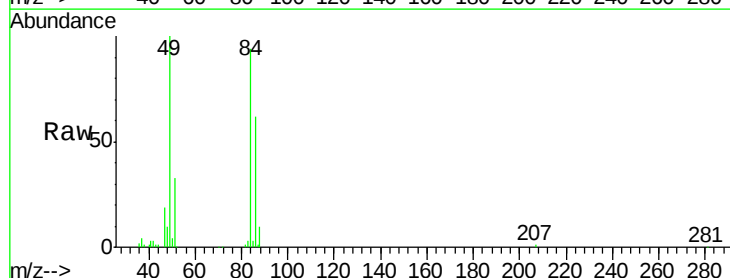
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 73 Resp: 140741
Ion Ratio Lower Upper
73 100
57 19.0 17.0 25.4



#20
Methylene Chloride
Concen: 29.127 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 84 Resp: 73244
Ion Ratio Lower Upper
84 100
49 106.9 88.5 132.7
51 34.9 26.8 40.2
86 66.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 22.428 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

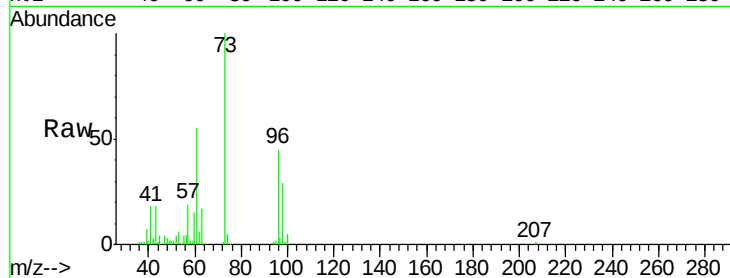
Tot Ion: 96 Resp: 54229

Ion Ratio Lower Upper

96 100

61 123.8 96.8 145.2

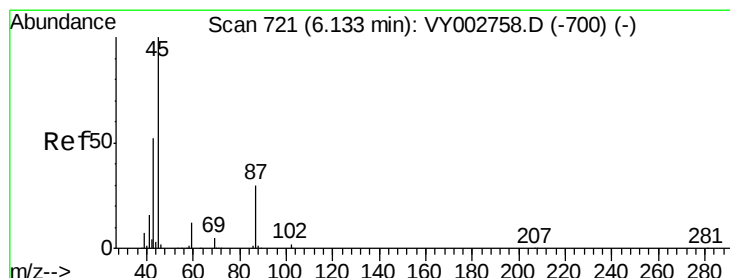
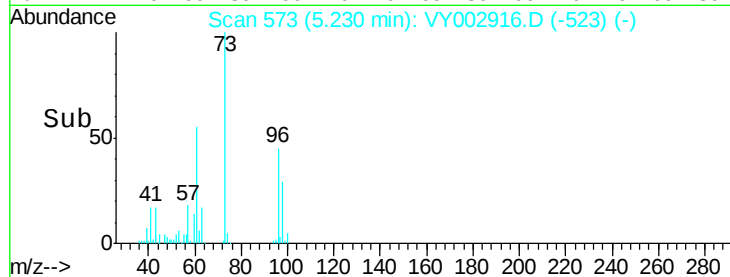
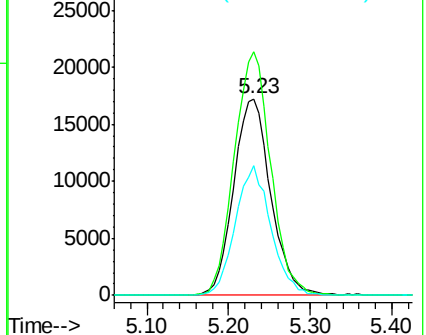
98 65.7 49.4 74.0



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: 23.201 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion: 45 Resp: 148673

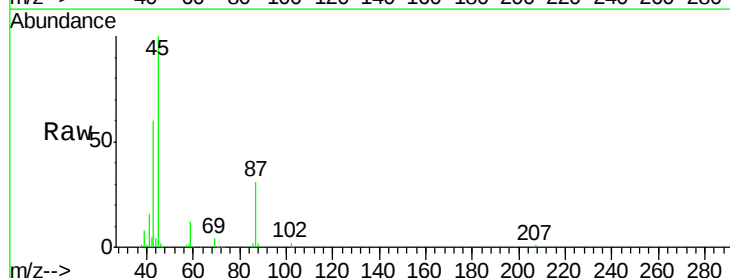
Ion Ratio Lower Upper

45 100

43 59.5 41.7 62.5

87 31.5 24.2 36.2

59 12.2 9.8 14.8

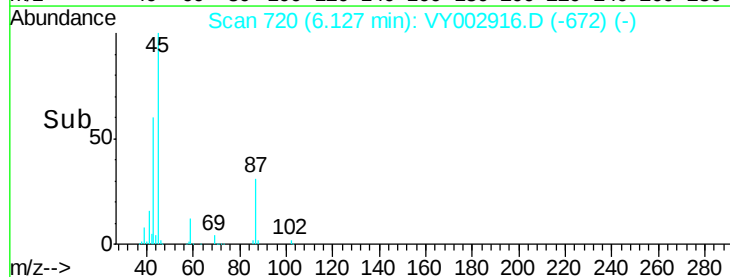
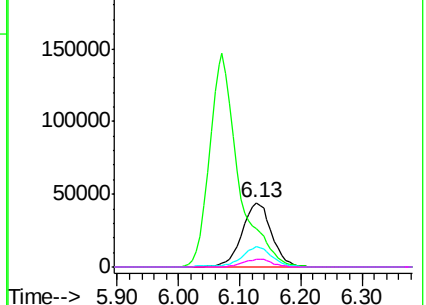


Abundance Ion 45.00 (44.70 to 45.70): VY0

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

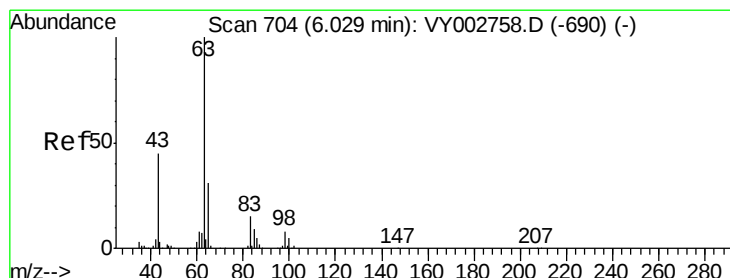
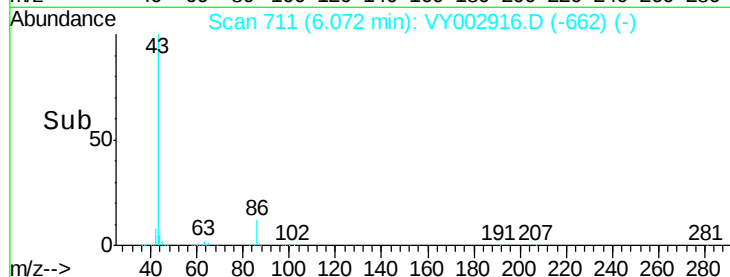
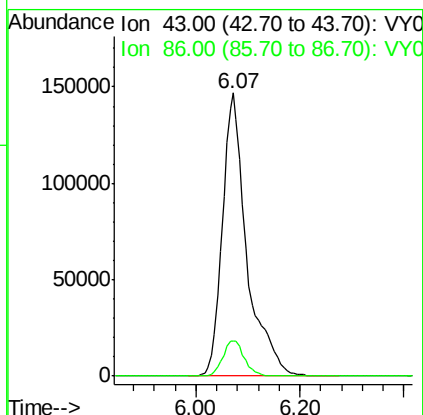
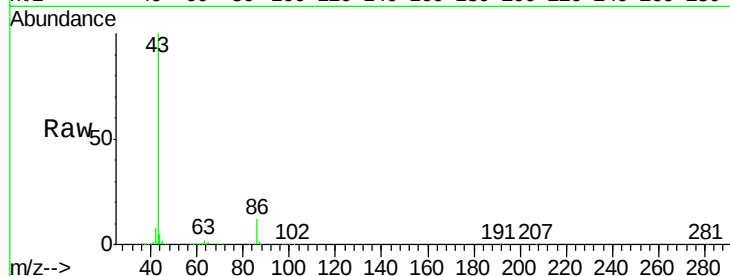




#23
 Vinyl Acetate
 Concen: 114.081 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

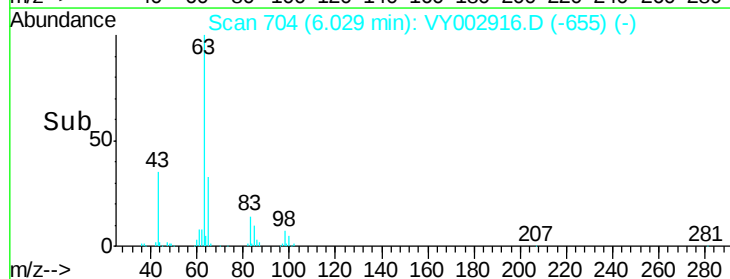
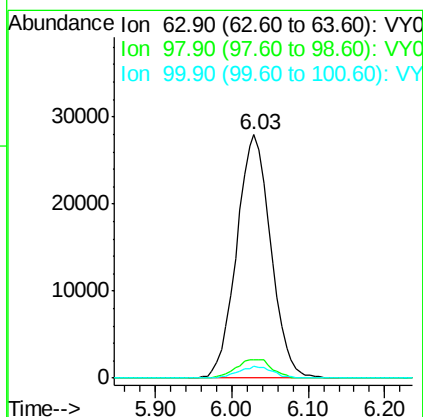
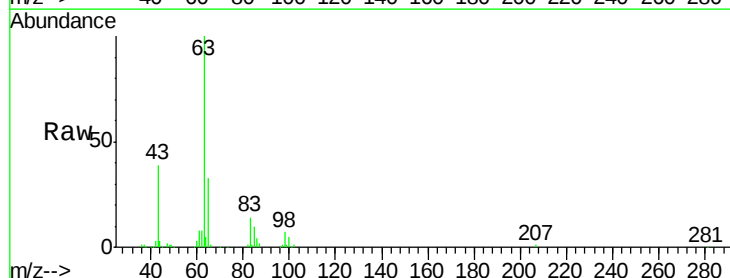
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

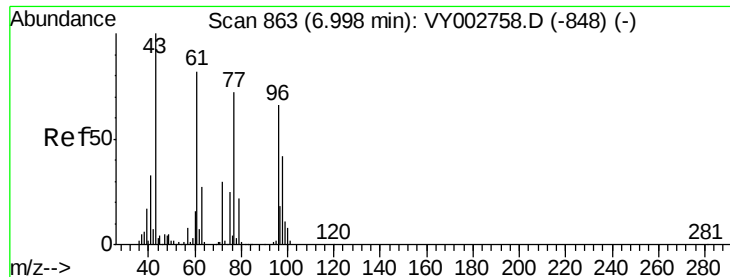
Tot Ion: 43 Resp: 482646
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 23.095 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion: 63 Resp: 86571
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.9 2.4 7.1

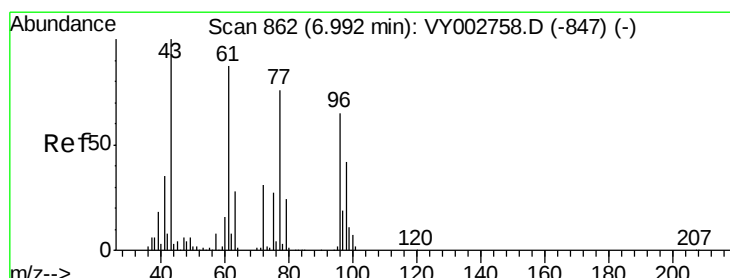
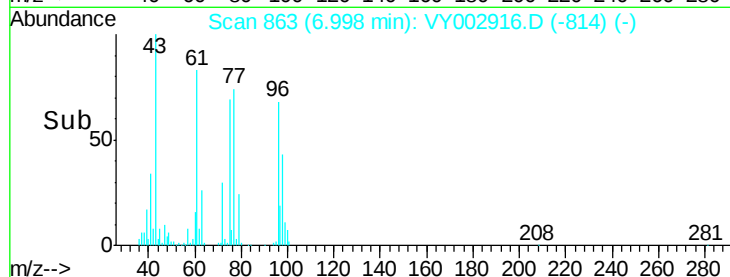
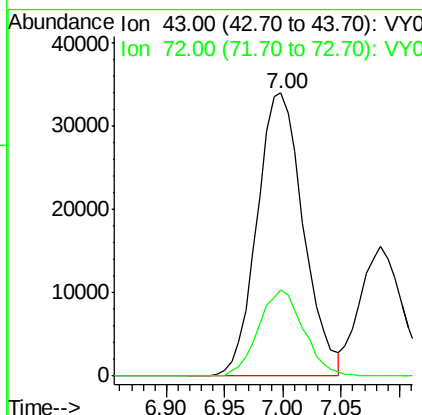
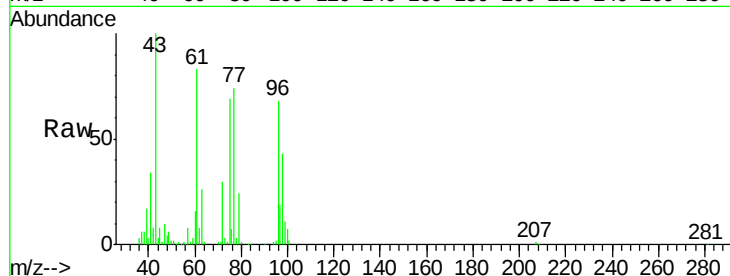




#25
2-Butanone
Concen: 117.317 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

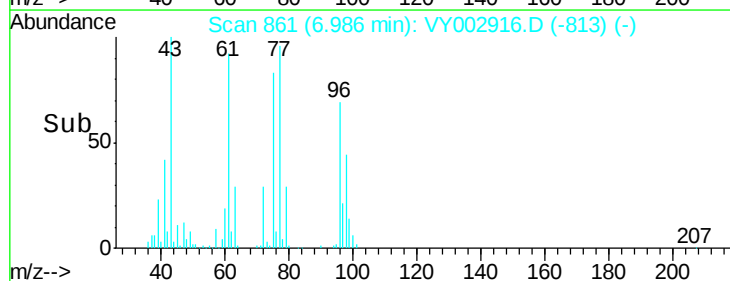
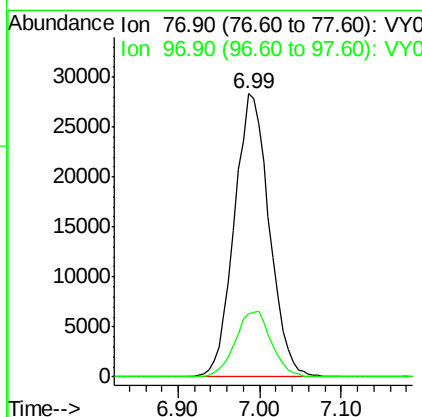
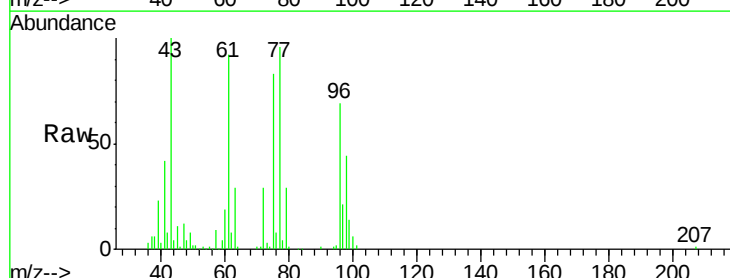
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

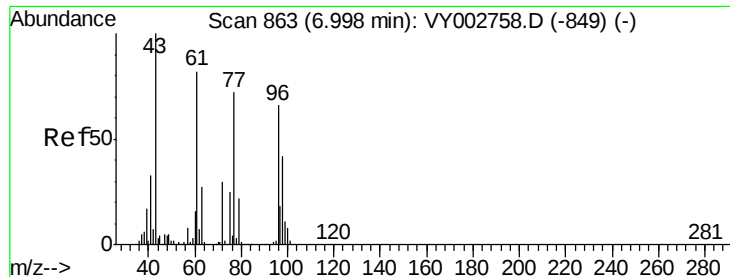
Tot Ion: 43 Resp: 94053
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 23.357 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 77 Resp: 83970
Ion Ratio Lower Upper
77 100
97 23.9 12.2 36.6



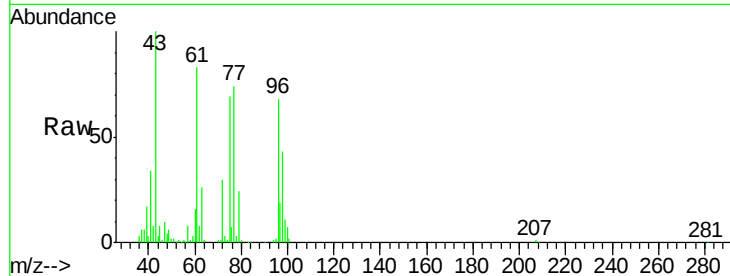


#27

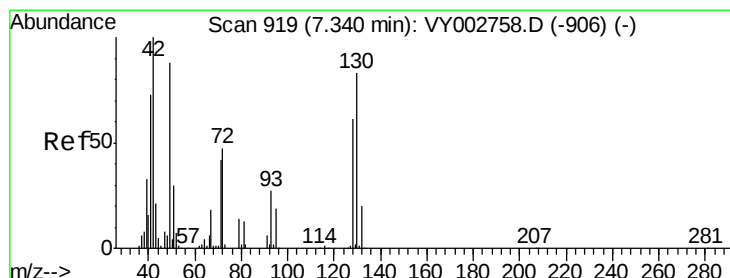
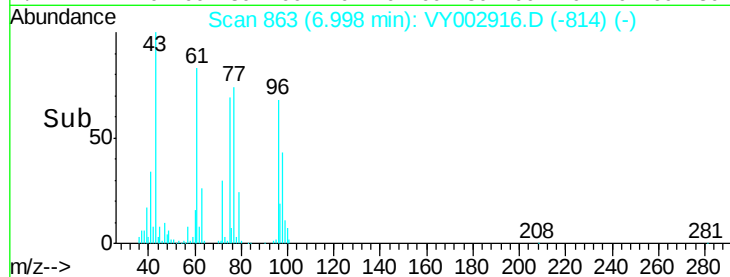
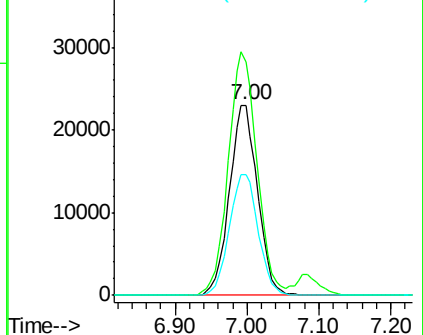
cis-1,2-Dichloroethene
 Concen: 23.075 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 96 Resp: 62460
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 260.2
 98 65.1 0.0 128.2



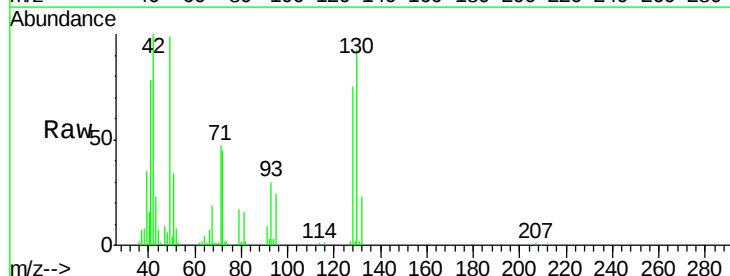
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



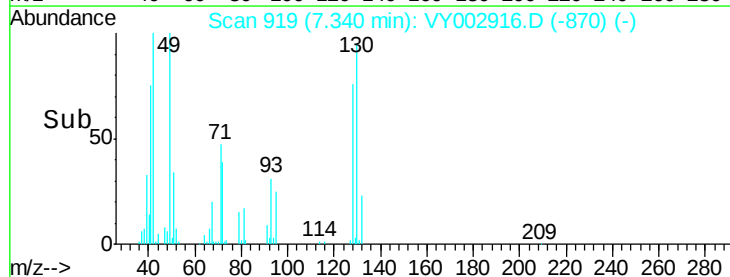
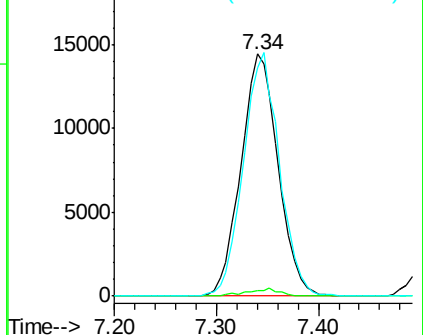
#28

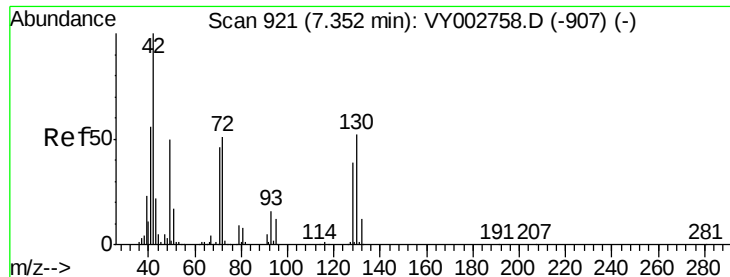
Bromochloromethane
 Concen: 23.749 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion: 49 Resp: 36546
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 97.7 77.1 115.7



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: 115.578 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

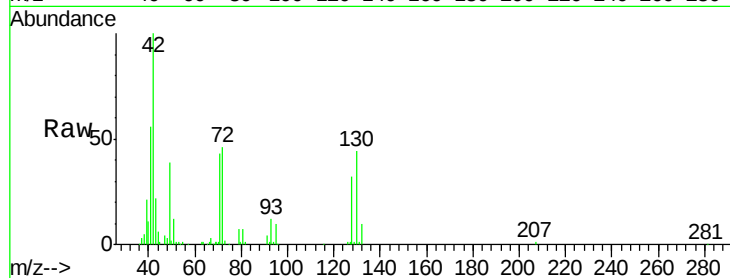
Tot Ion: 42 Resp: 60271

Ion Ratio Lower Upper

42 100

72 47.9 38.6 58.0

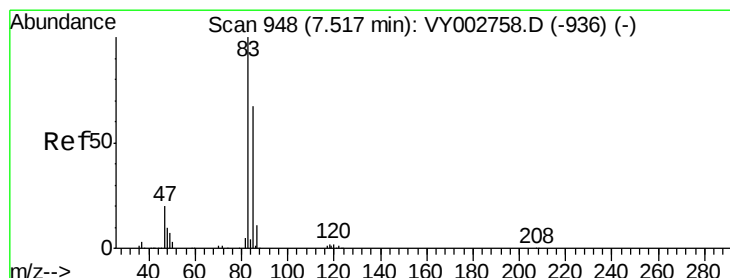
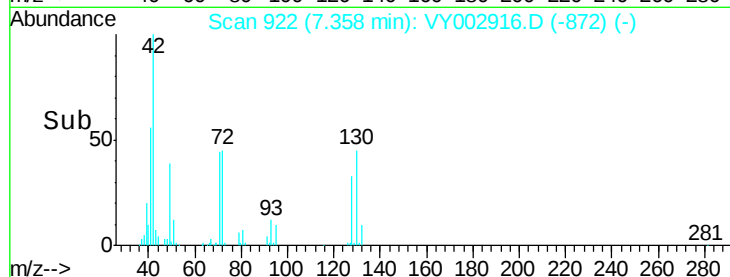
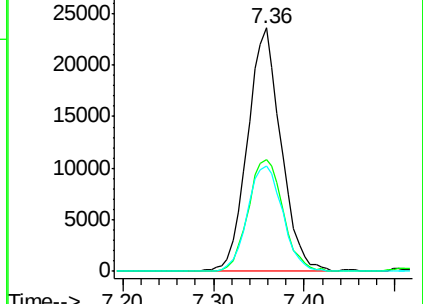
71 45.4 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 23.801 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002916.D

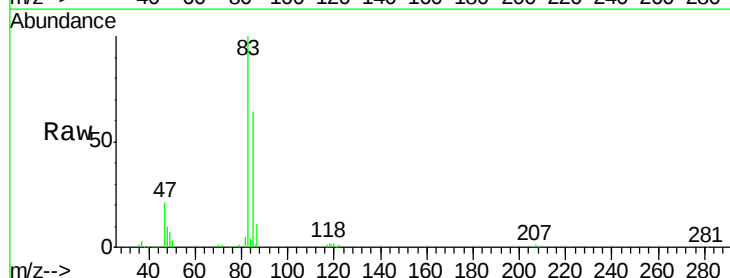
Acq: 18 Jun 2020 13:38

Tgt Ion: 83 Resp: 94675

Ion Ratio Lower Upper

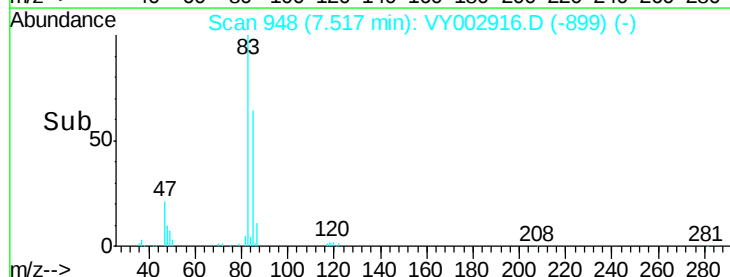
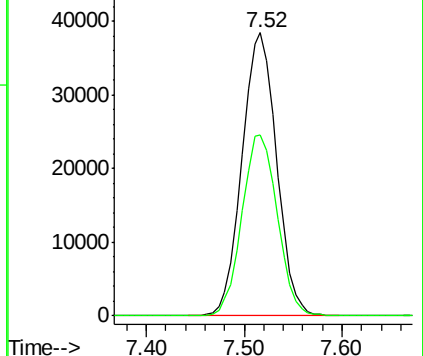
83 100

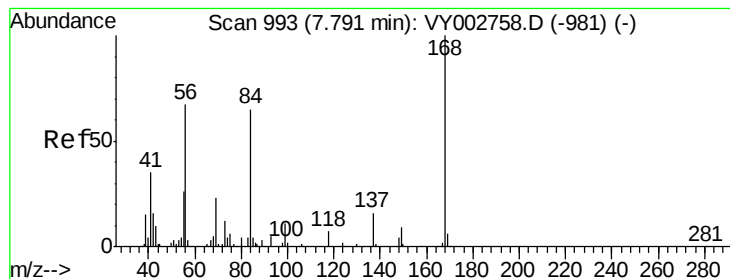
85 64.0 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.587 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

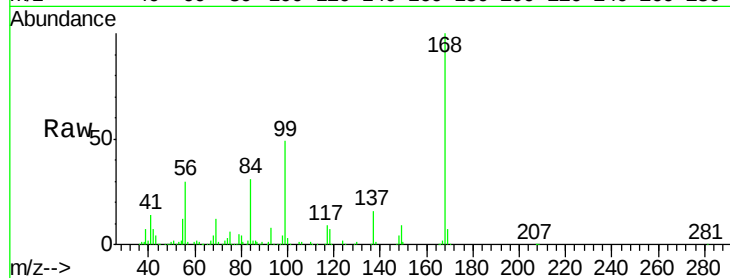
Tot Ion: 56 Resp: 80341

Ion Ratio Lower Upper

56 100

69 40.7 28.0 42.0

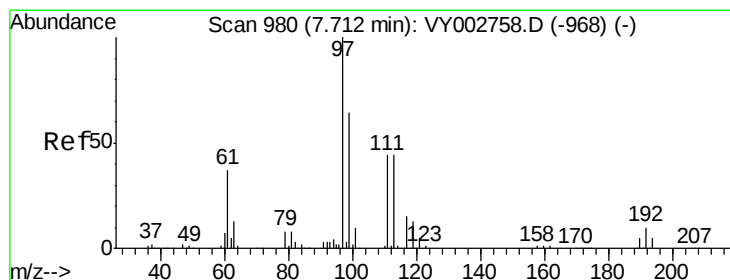
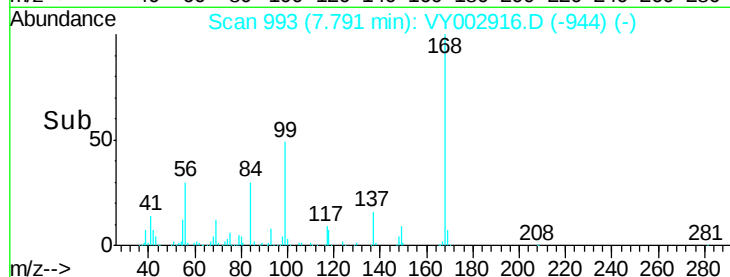
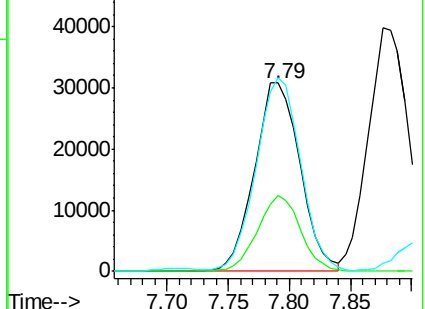
84 100.8 77.7 116.5



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: 23.570 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

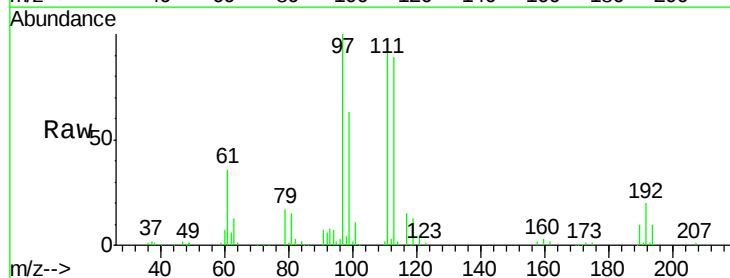
Tgt Ion: 97 Resp: 87368

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

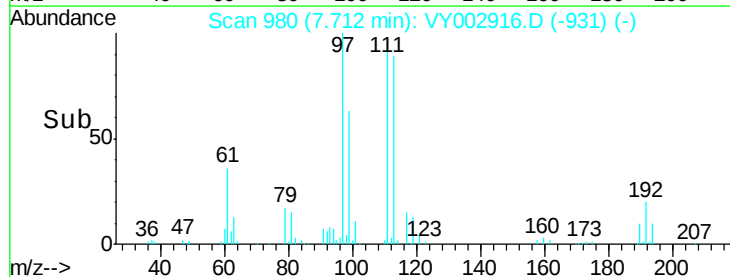
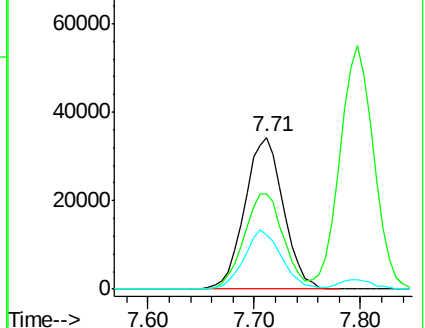
61 37.6 30.1 45.1



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

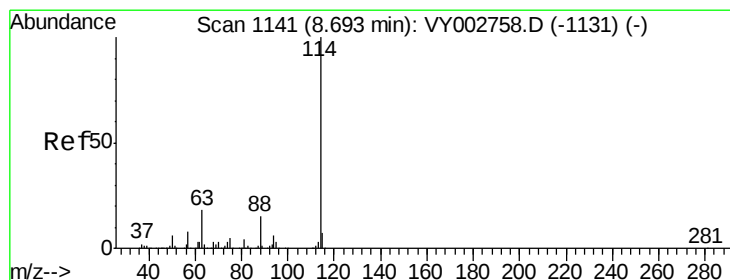
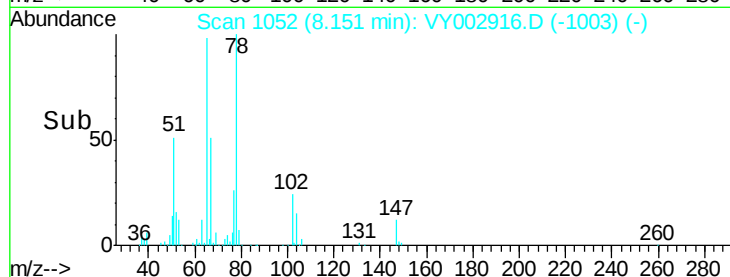
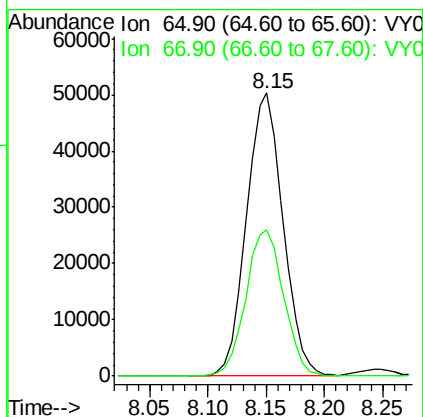
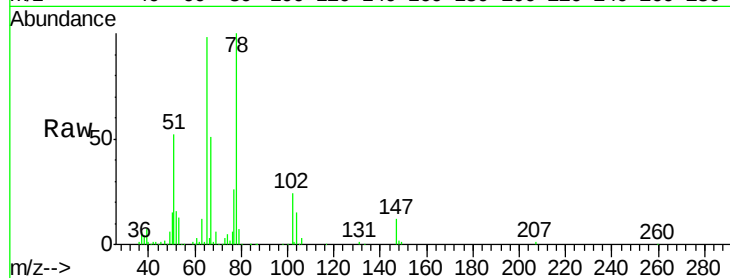




#33
 1,2-Dichloroethane-d4
 Concen: 50.063 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

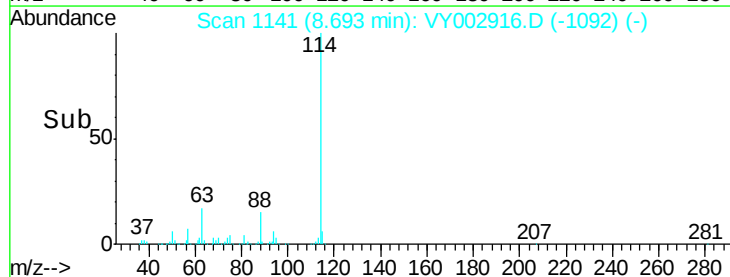
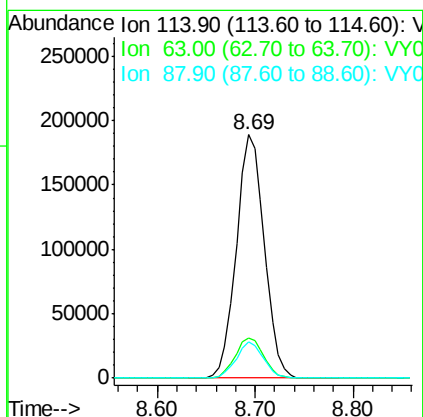
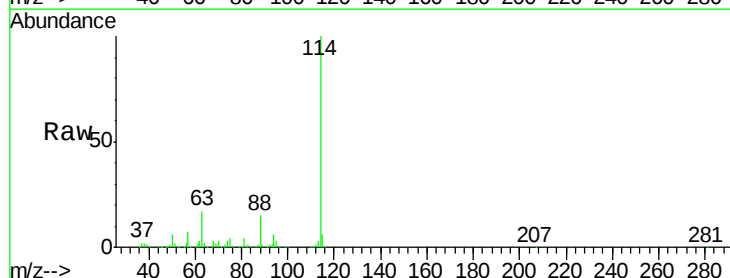
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 65 Resp: 109860
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion: 114 Resp: 372818
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.2
 88 14.7 0.0 29.2

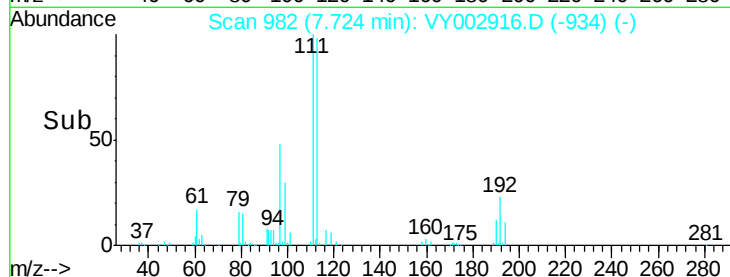
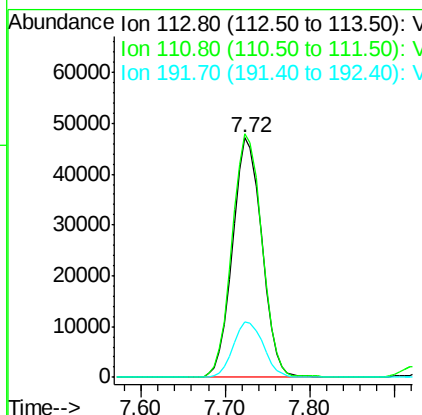
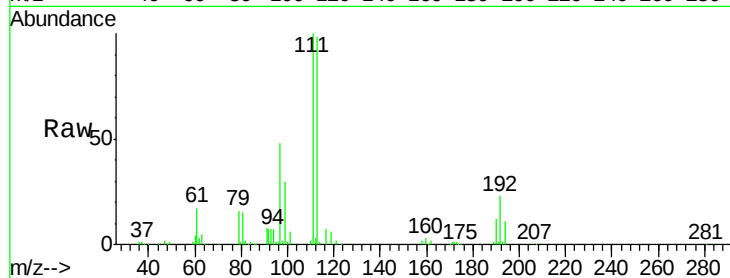




#35
 Dibromofluoromethane
 Concen: 50.884 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

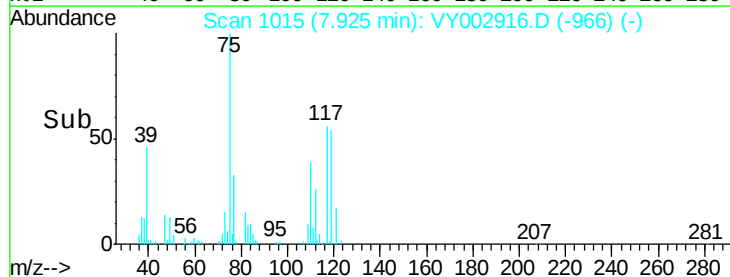
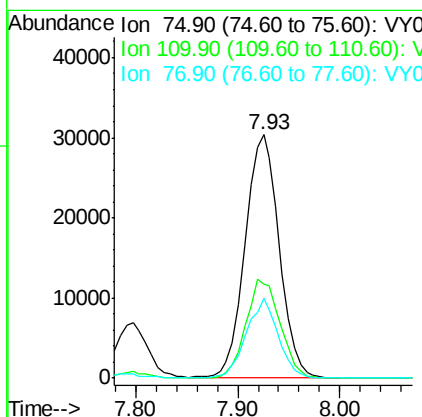
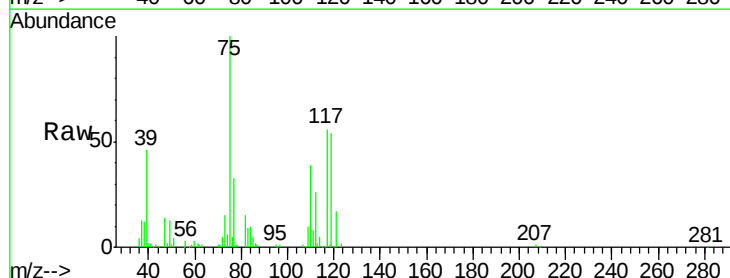
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

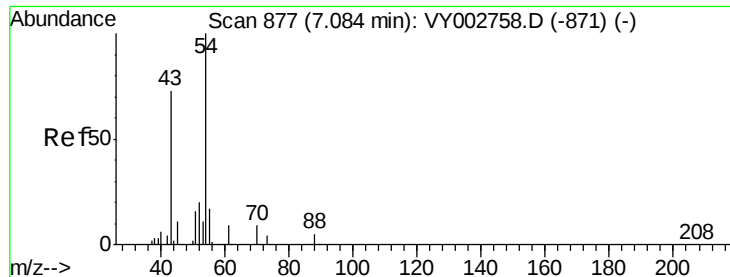
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	23.7	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 22.559 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.4	19.3	57.9
77	30.8	24.8	37.2

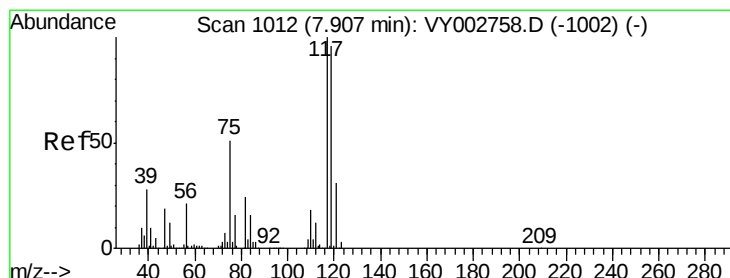
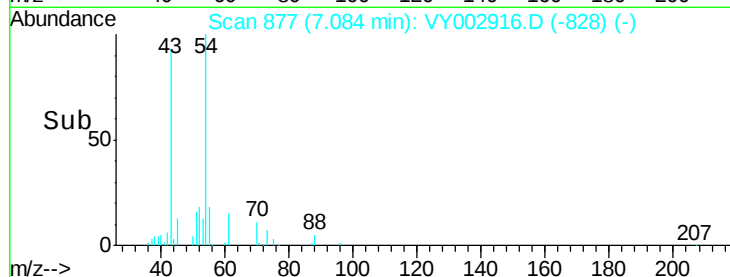
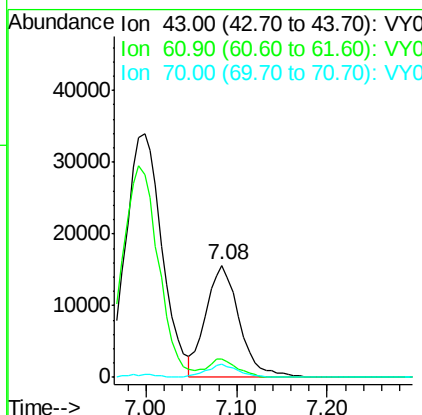
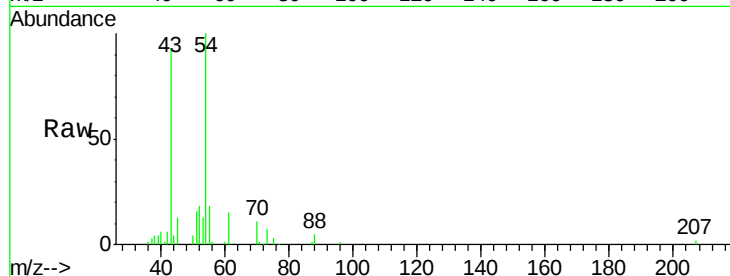




#37
Ethyl Acetate
Concen: 23.828 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

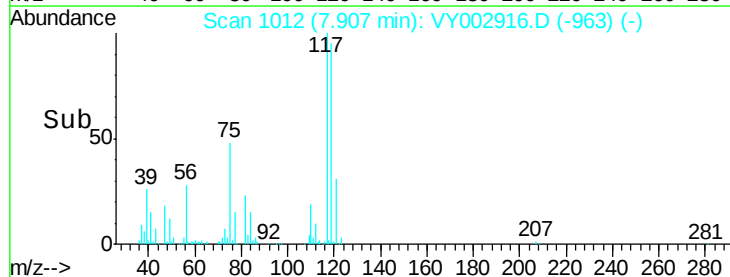
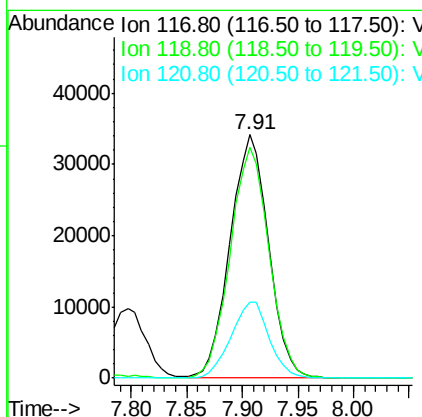
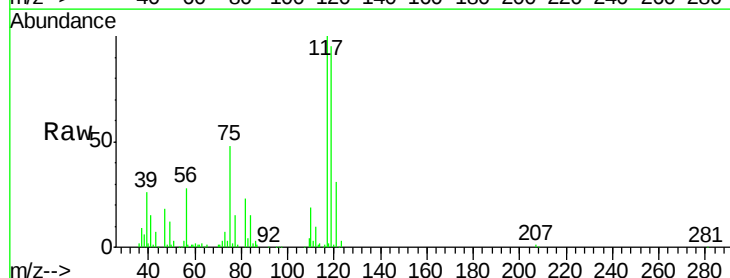
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

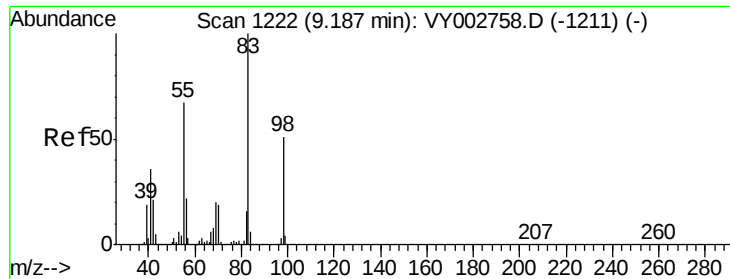
Tot Ion: 43 Resp: 40714
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 23.480 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 117 Resp: 81917
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 31.4 24.8 37.2

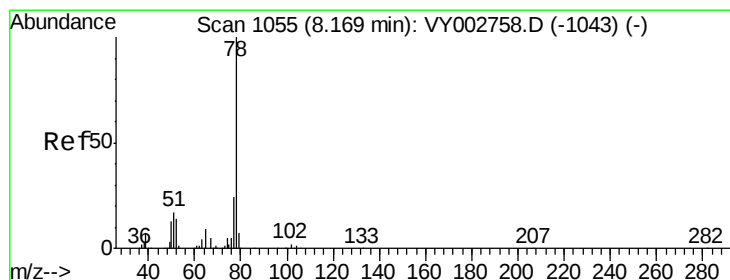
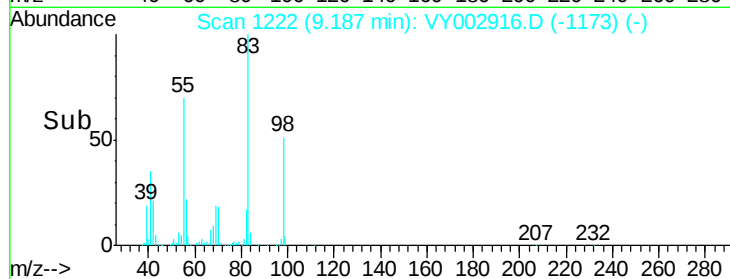
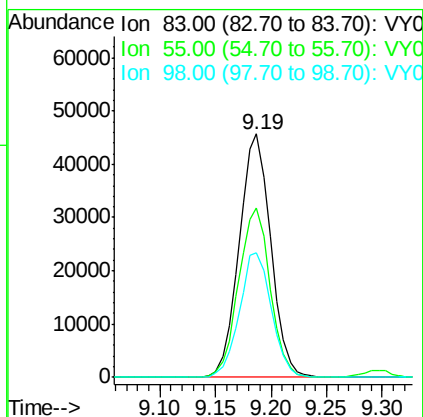
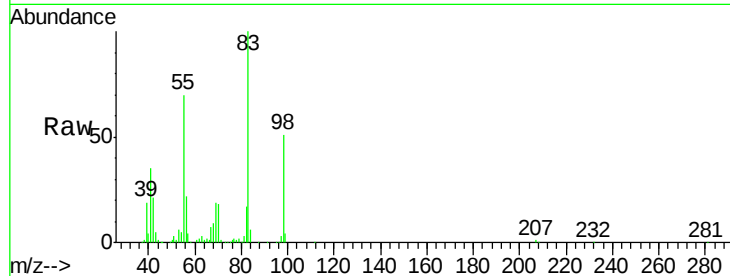




#39
Methvlcvclohexane
Concen: 21.721 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

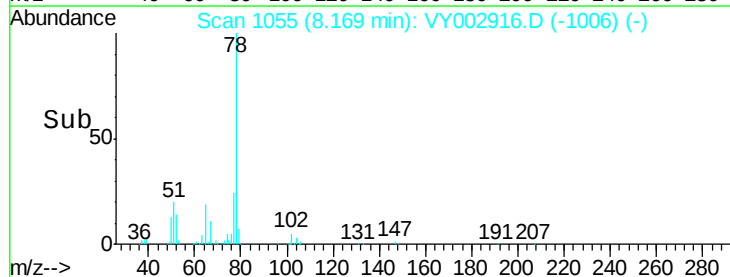
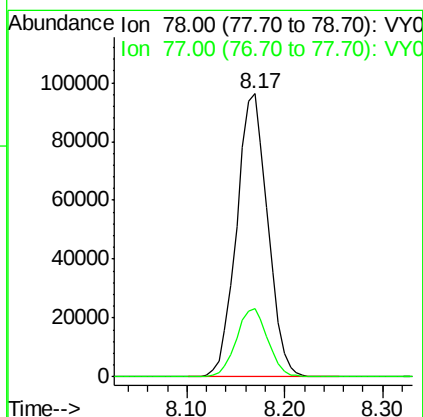
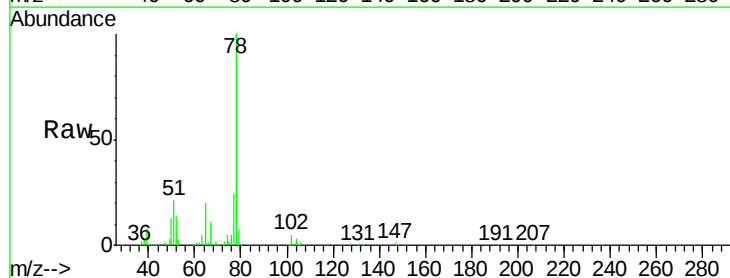
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

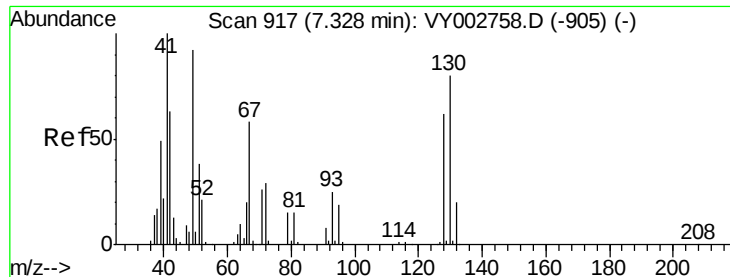
Tot Ion: 83 Resp: 89916
Ion Ratio Lower Upper
83 100
55 69.7 53.3 79.9
98 50.9 41.1 61.7



#40
Benzene
Concen: 22.819 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 78 Resp: 211754
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

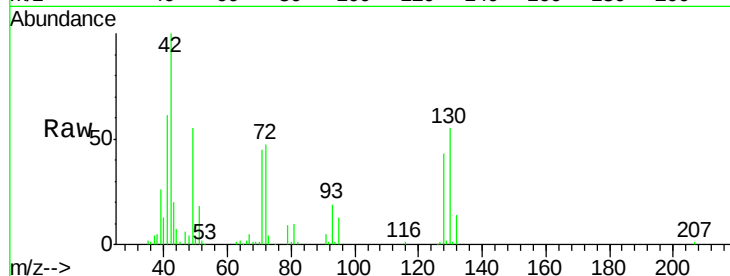




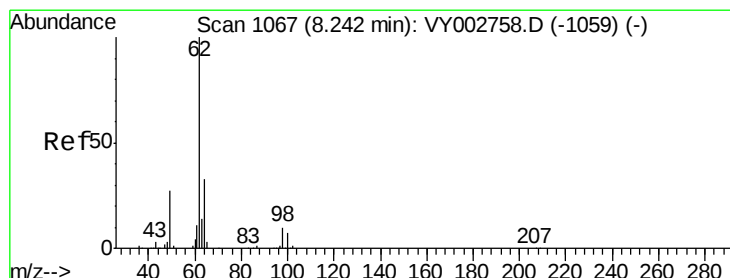
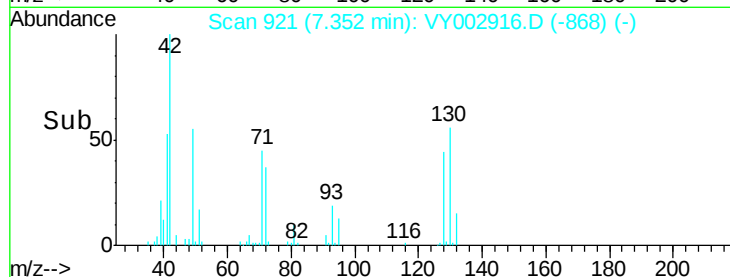
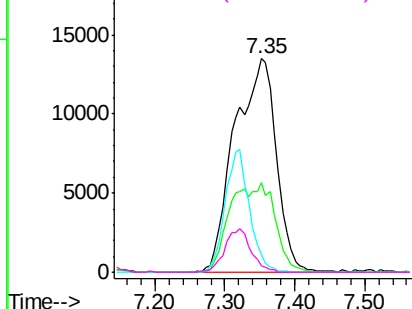
#41
Methacrylonitrile
Concen: 60.689 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:	41	Resp:	55709
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

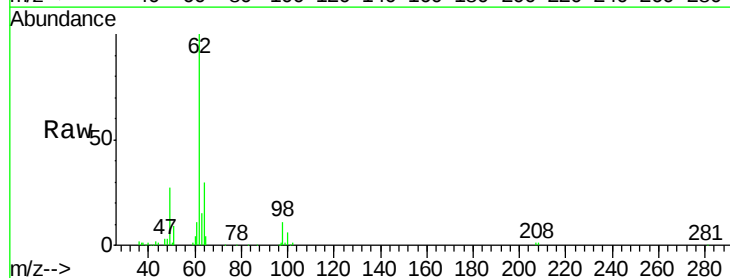


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

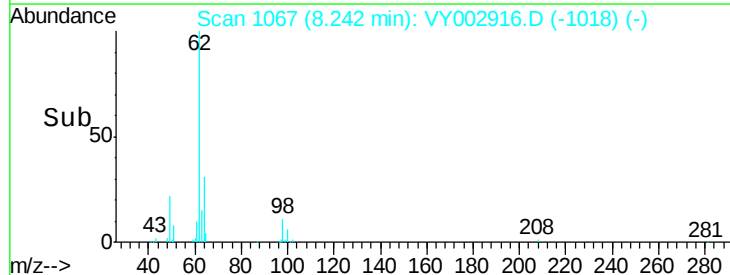
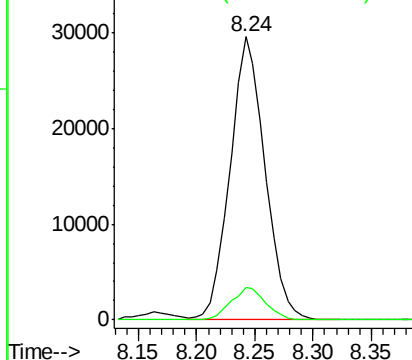


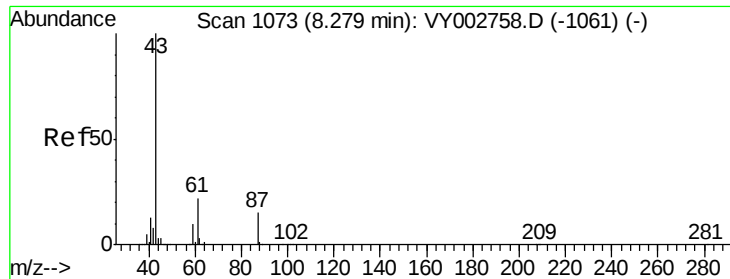
#42
1,2-Dichloroethane
Concen: 23.721 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion:	62	Resp:	61690
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



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



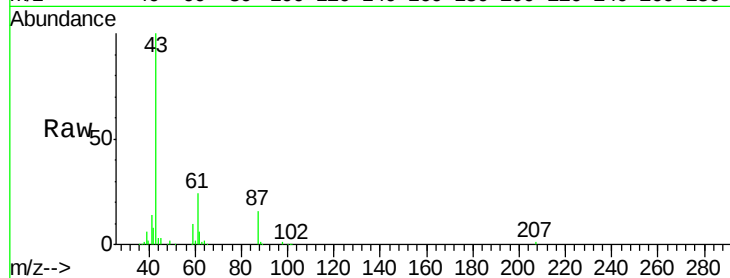


#43

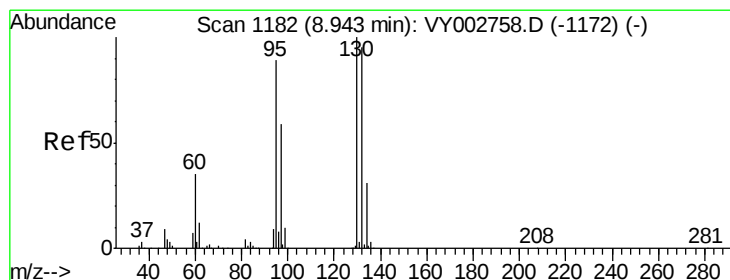
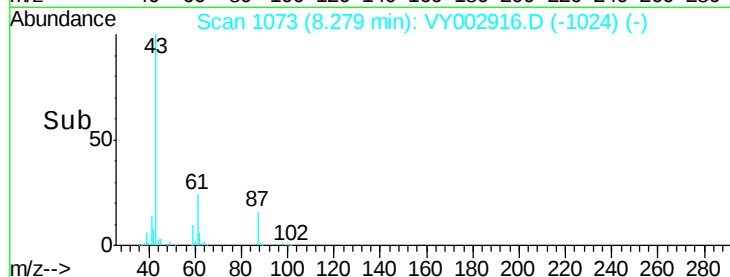
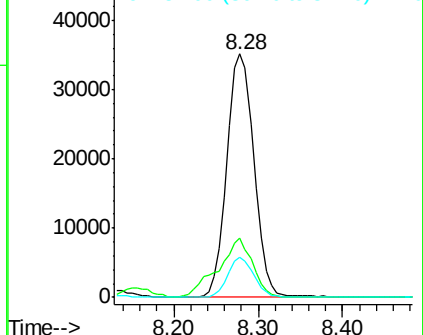
Isopropyl Acetate
 Concen: 23.687 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	43	Resp	76698
Ion Ratio	Lower	Upper	
43	100		
61	31.0	24.8	37.2
87	15.7	12.4	18.6



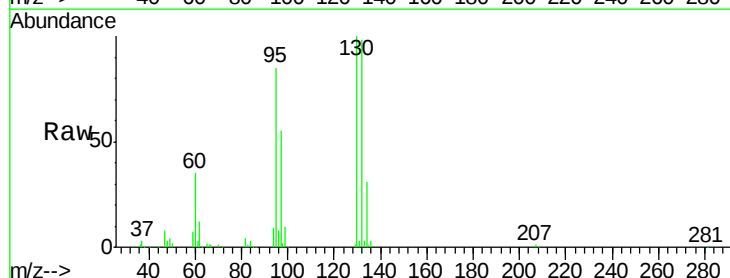
Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1061) (-)



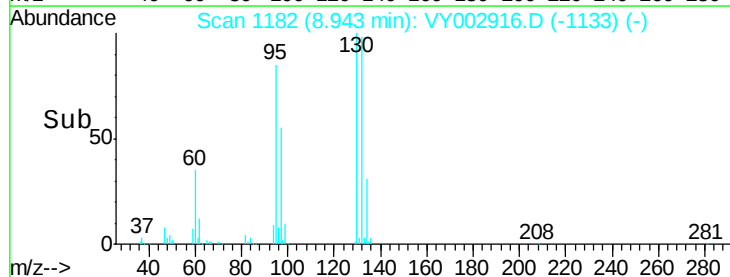
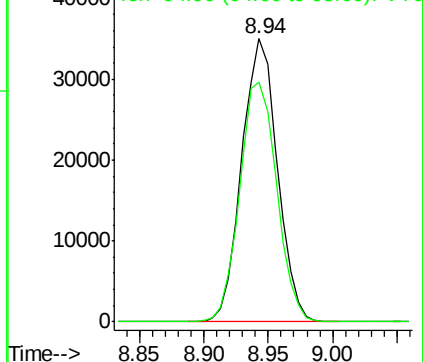
#44

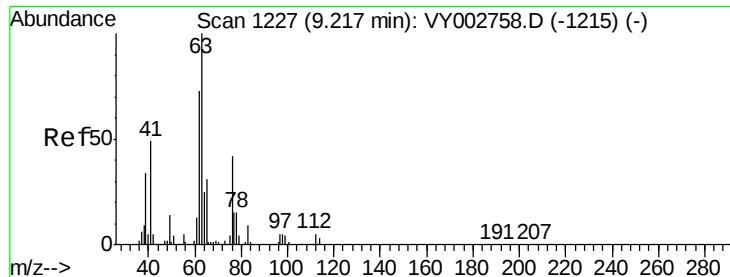
Trichloroethene
 Concen: 22.823 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion	130	Resp	66898
Ion Ratio	Lower	Upper	
130	100		
95	84.7	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002758.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 23.429 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

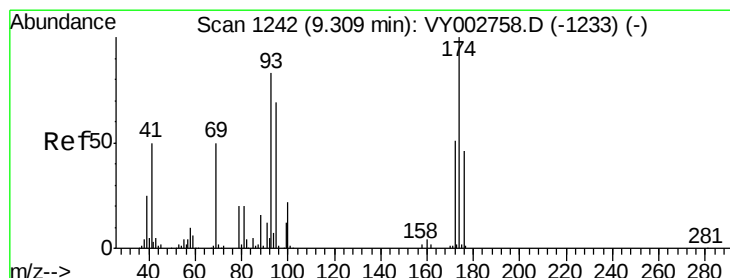
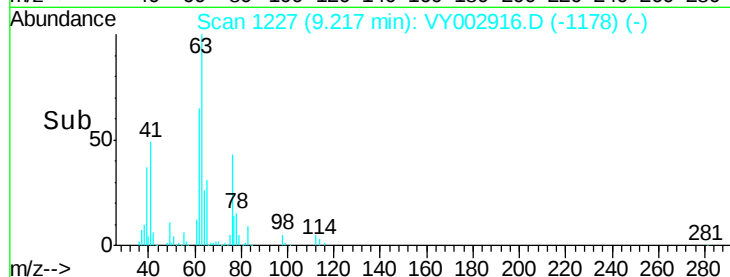
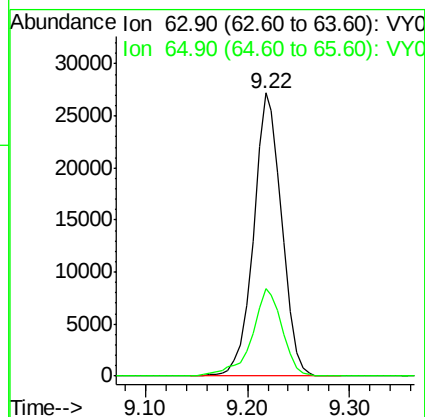
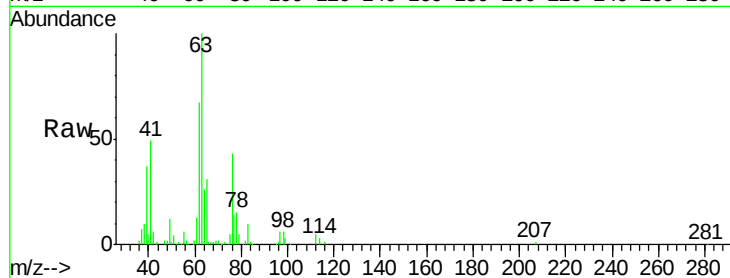
VY0618SBS01

Tot Ion: 63 Resp: 52138

Ion Ratio Lower Upper

63 100

65 30.8 24.8 37.2



#46

Dibromomethane

Concen: 23.616 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

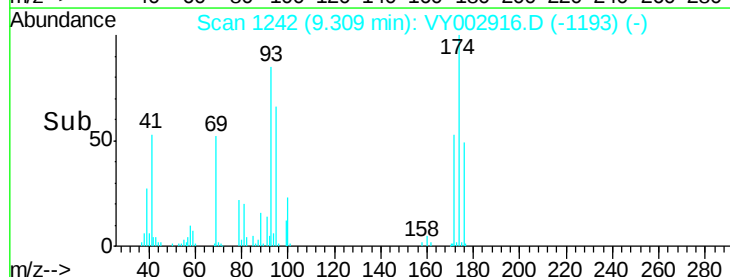
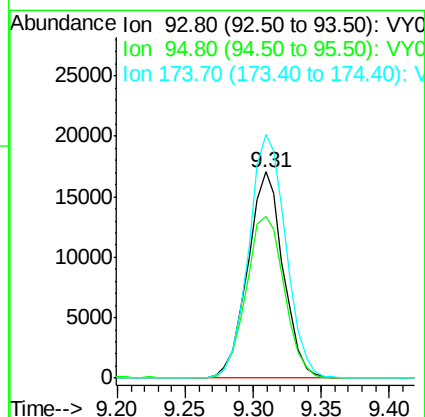
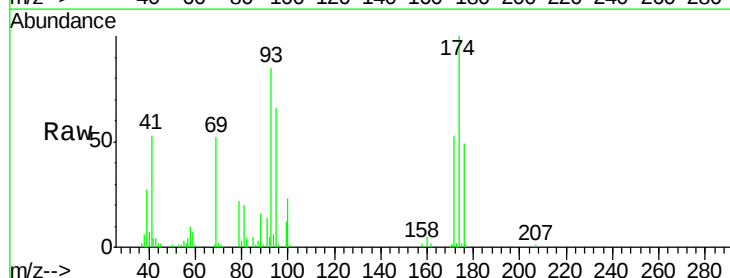
Tgt Ion: 93 Resp: 31211

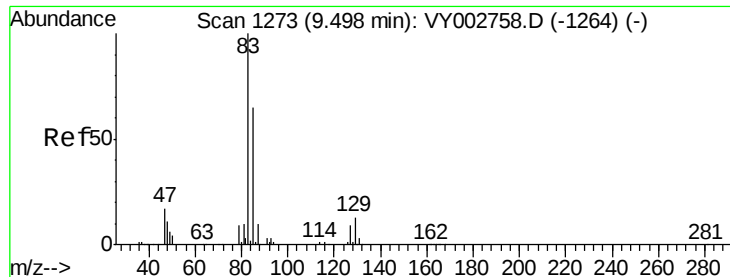
Ion Ratio Lower Upper

93 100

95 84.1 66.9 100.3

174 123.1 97.7 146.5





#47

Bromodichloromethane

Concen: 23.779 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

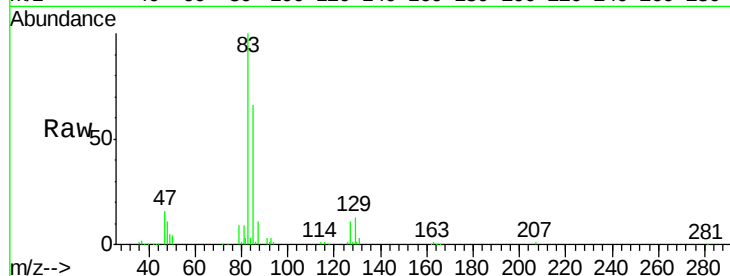
Tot Ion: 83 Resp: 74086

Ion Ratio Lower Upper

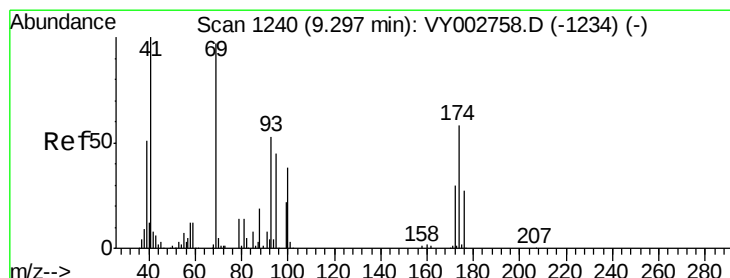
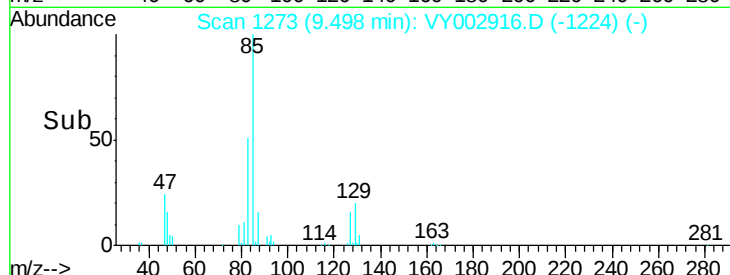
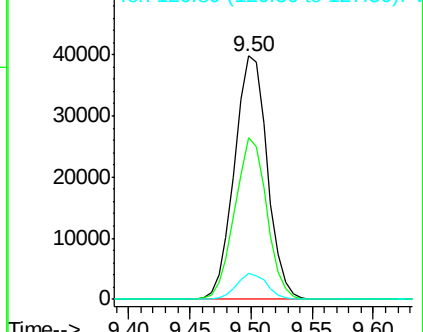
83 100

85 66.3 51.9 77.9

127 10.8 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.485 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

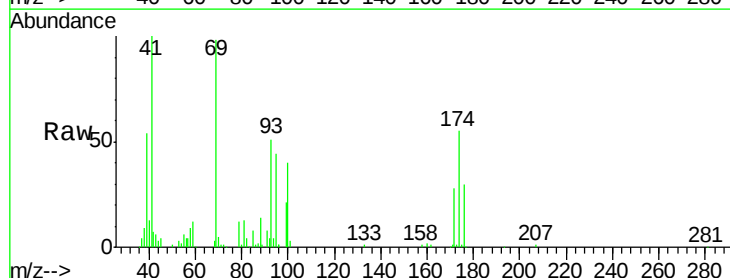
Tgt Ion: 41 Resp: 34328

Ion Ratio Lower Upper

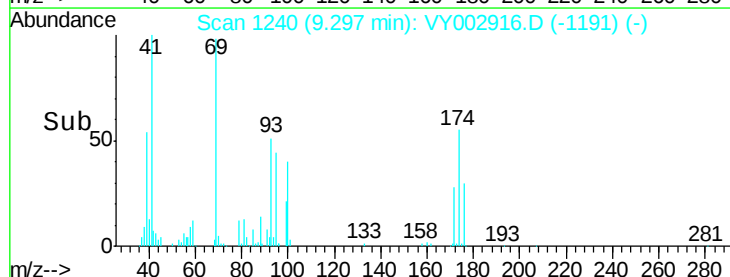
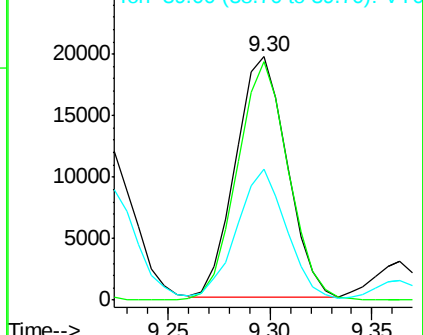
41 100

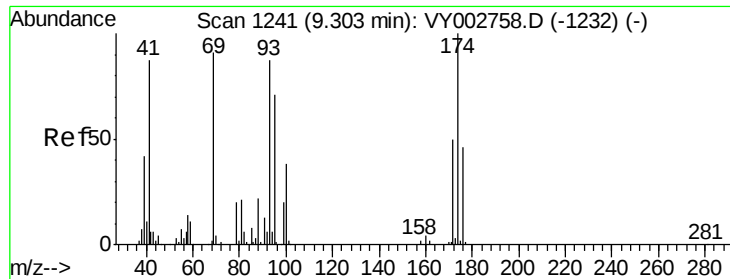
69 98.5 79.7 119.5

39 53.2 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

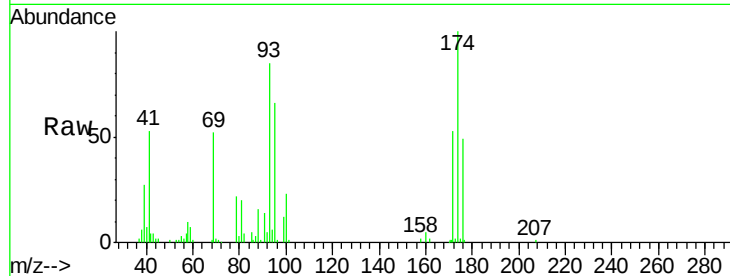




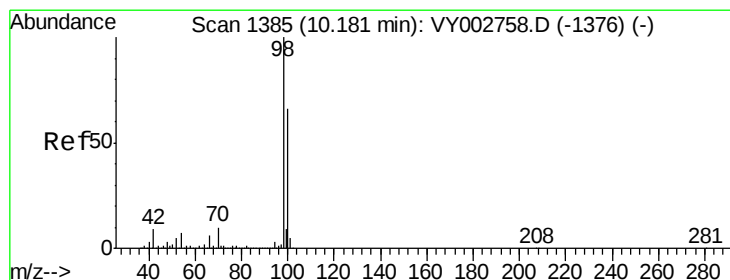
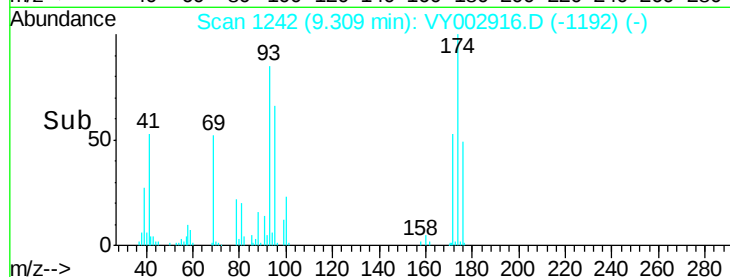
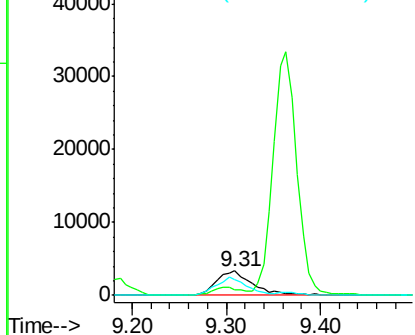
#49
1,4-Dioxane
Concen: 441.338 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 88 Resp: 8956
Ion Ratio Lower Upper
88 100
43 26.5 21.3 31.9
58 62.8 52.2 78.2

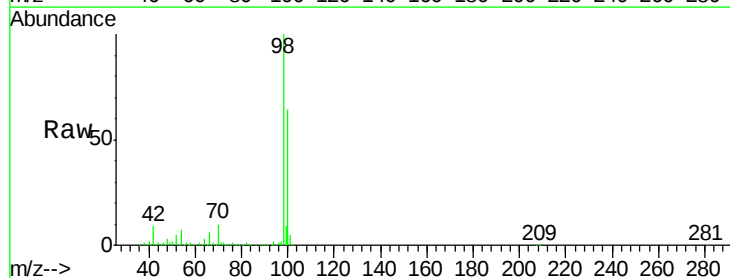


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

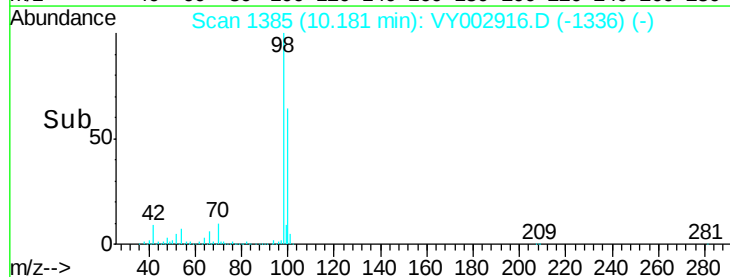
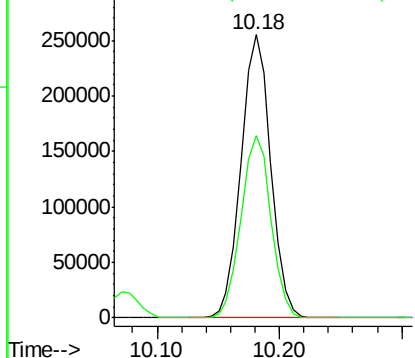


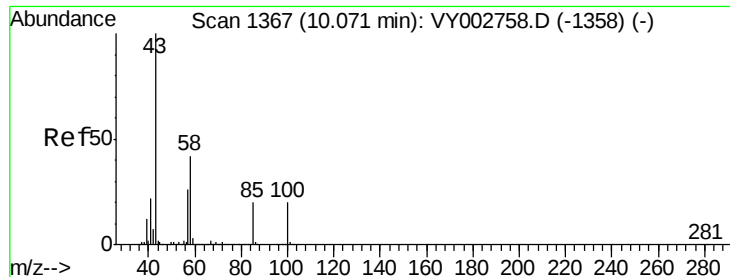
#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 98 Resp: 429347
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



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: 118.359 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

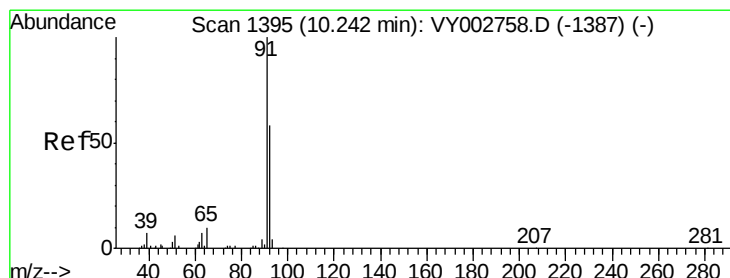
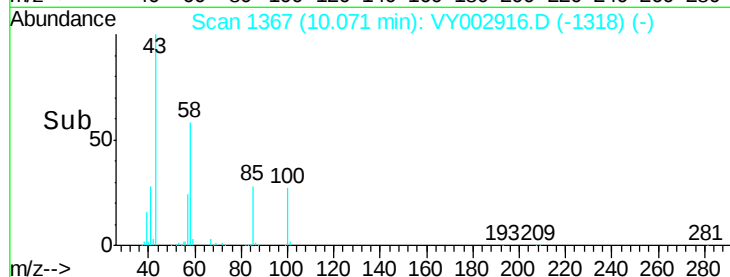
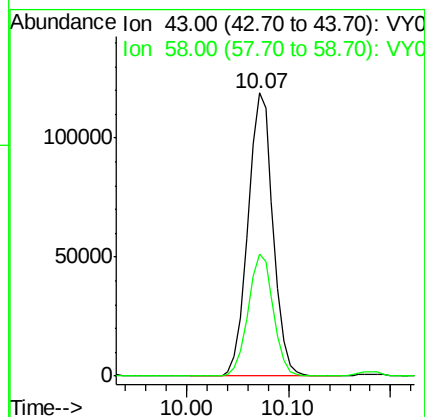
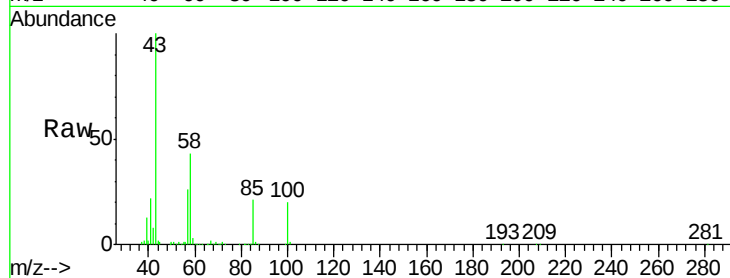
VY0618SBS01

Tot Ion: 43 Resp: 202936

Ion Ratio Lower Upper

43 100

58 43.3 34.2 51.2



#52

Toluene

Concen: 22.764 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002916.D

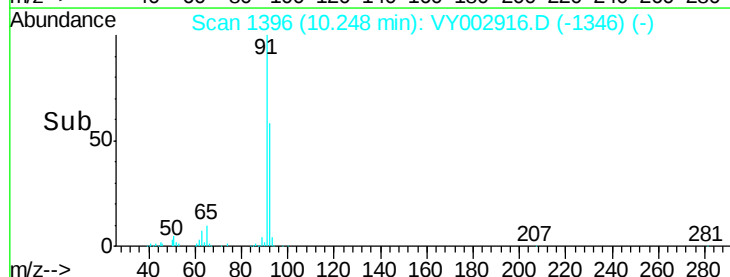
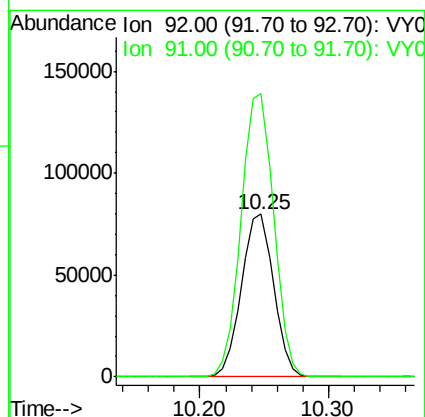
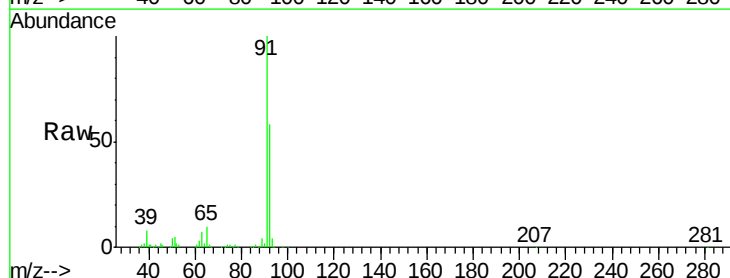
Acq: 18 Jun 2020 13:38

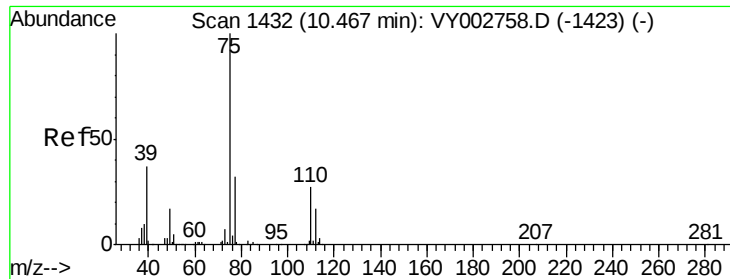
Tgt Ion: 92 Resp: 138188

Ion Ratio Lower Upper

92 100

91 176.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 23.299 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

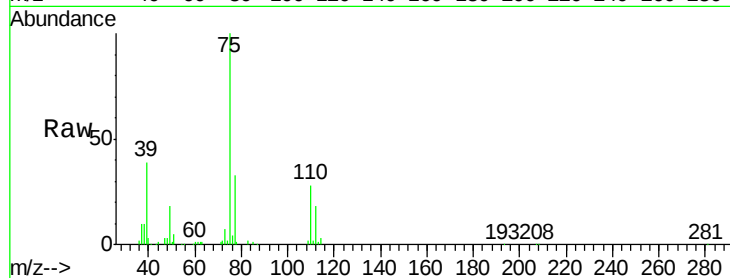
VY0618SBS01

Tot Ion: 75 Resp: 79288

Ion Ratio Lower Upper

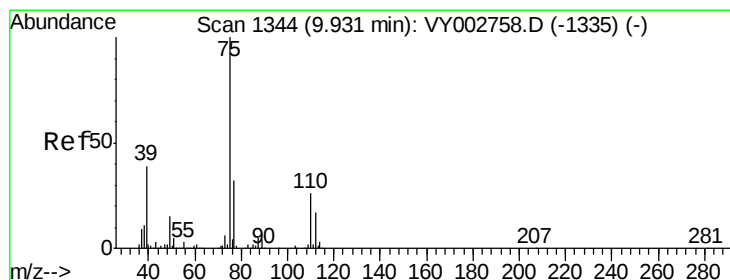
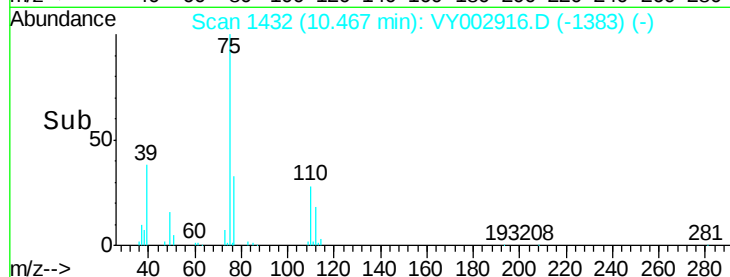
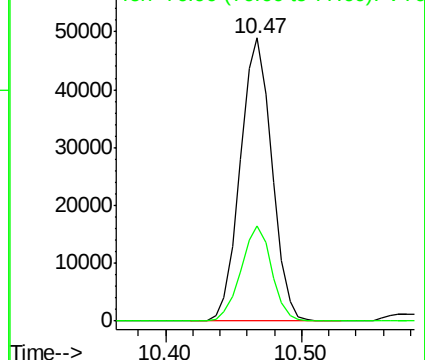
75 100

77 33.5 25.3 37.9



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: 23.026 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

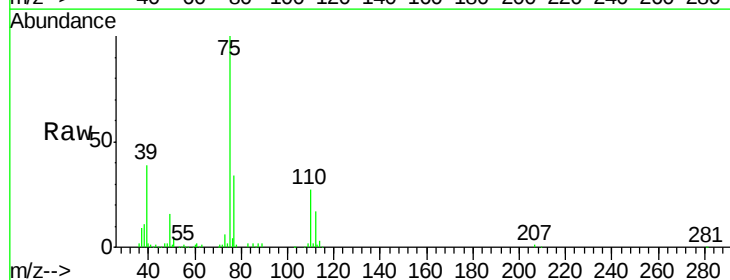
Tgt Ion: 75 Resp: 88789

Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4

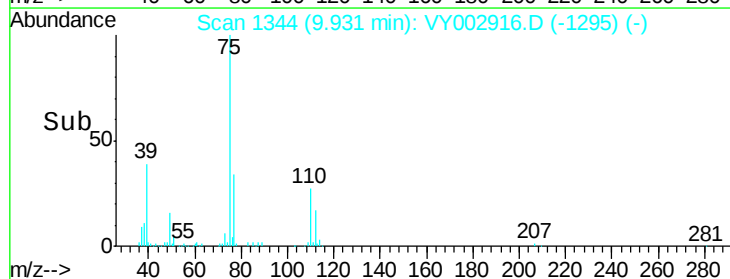
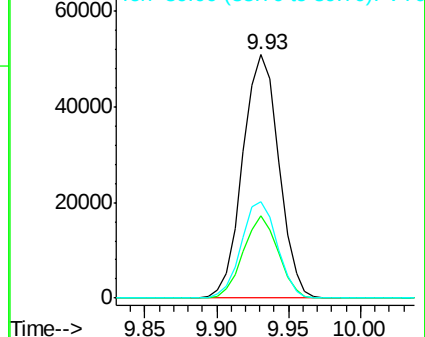
39 39.4 31.3 46.9

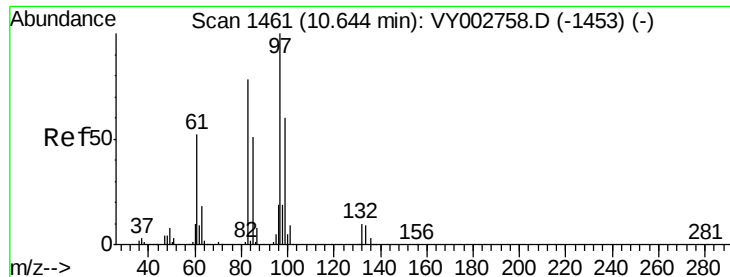


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 23.678 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 97 Resp: 47909

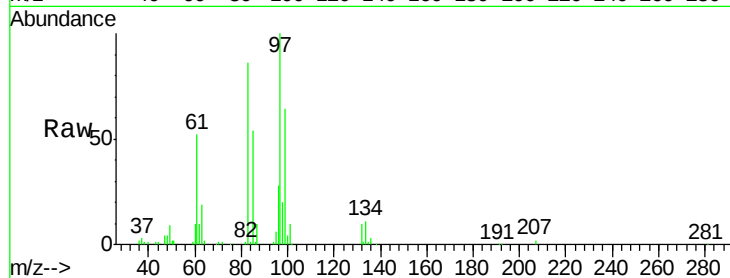
Ion Ratio Lower Upper

97 100

83 85.7 62.7 94.1

85 53.7 40.6 60.8

99 64.3 48.2 72.4

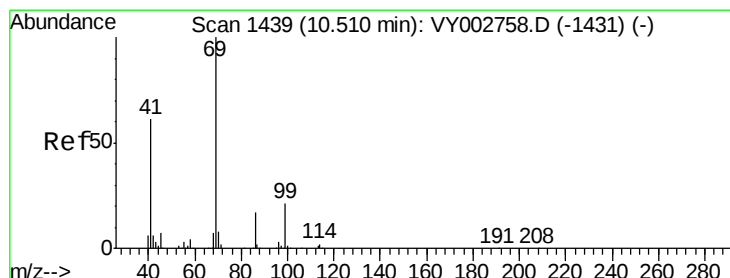
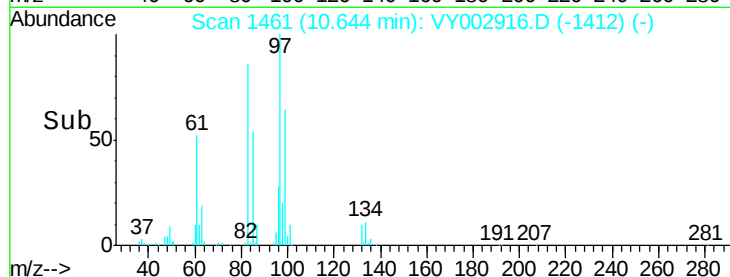
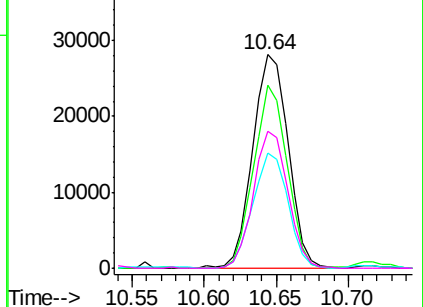


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 23.289 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

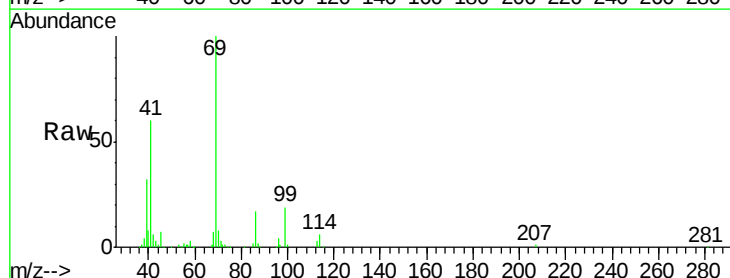
Tgt Ion: 69 Resp: 63114

Ion Ratio Lower Upper

69 100

41 59.2 47.0 70.4

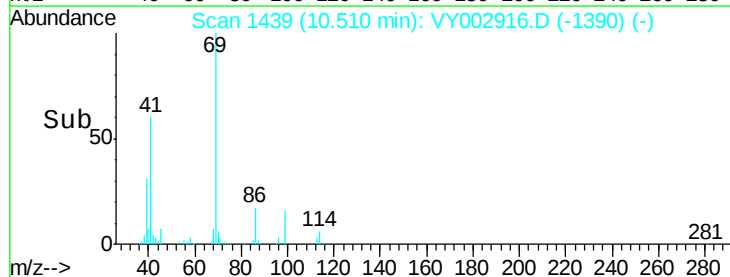
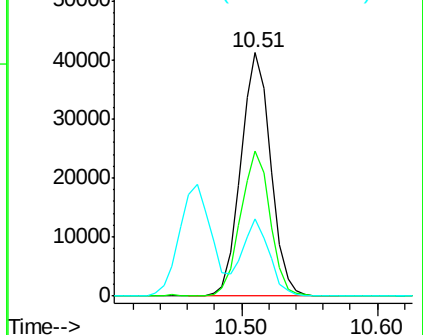
39 28.1 22.0 33.0



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 23.496 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

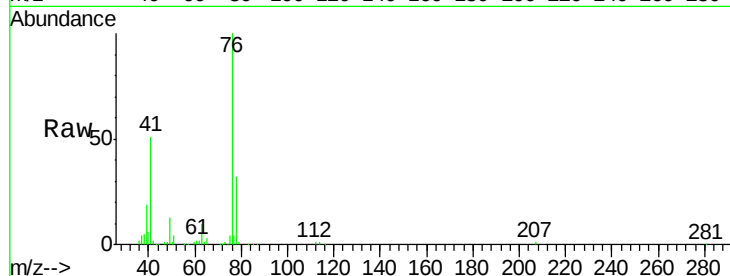
VY0618SBS01

Tot Ion: 76 Resp: 78193

Ion Ratio Lower Upper

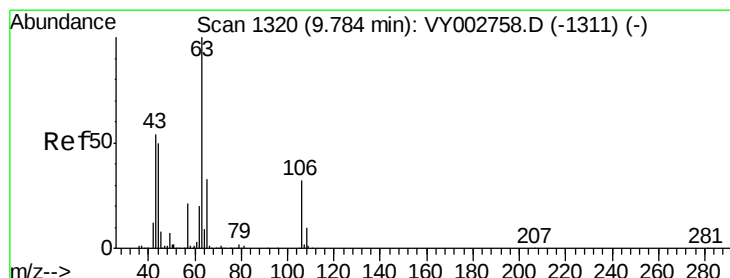
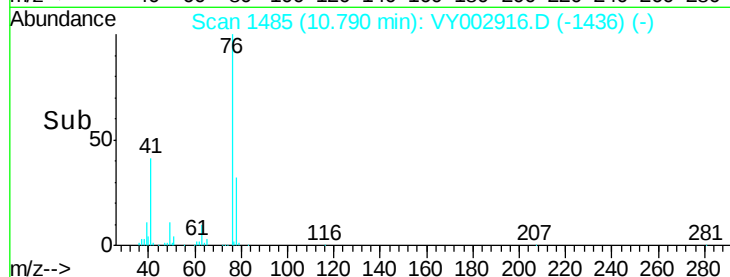
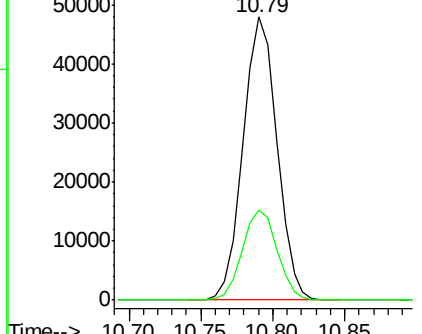
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 117.487 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002916.D

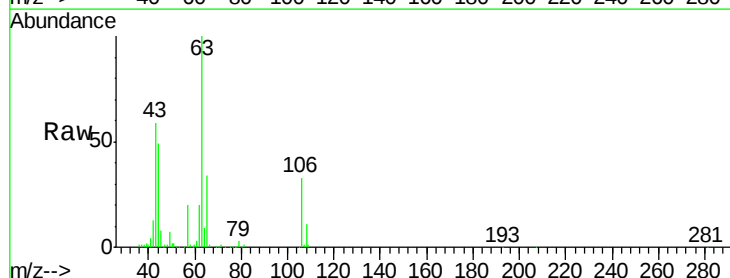
Acq: 18 Jun 2020 13:38

Tgt Ion: 63 Resp: 155578

Ion Ratio Lower Upper

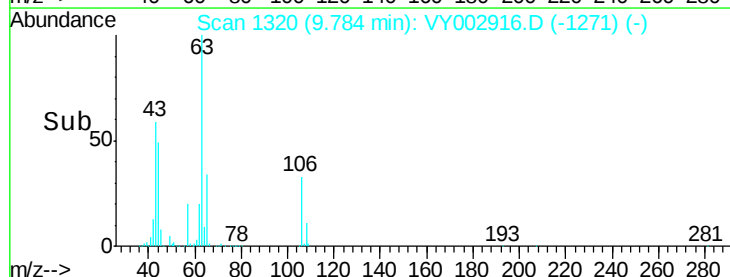
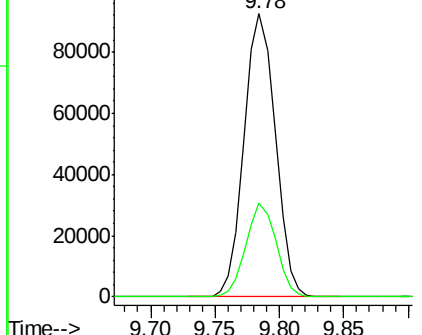
63 100

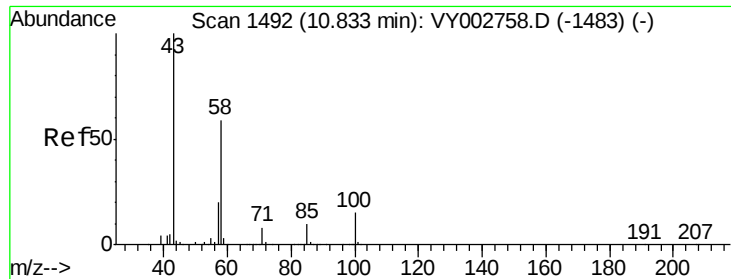
106 32.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

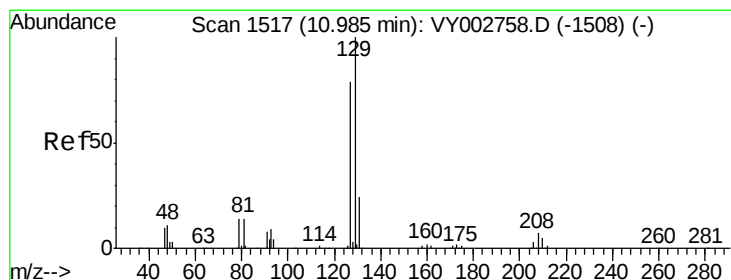
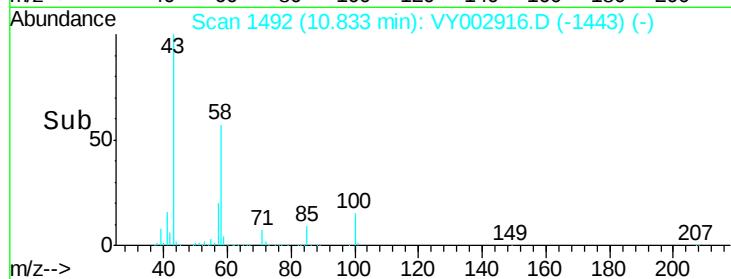
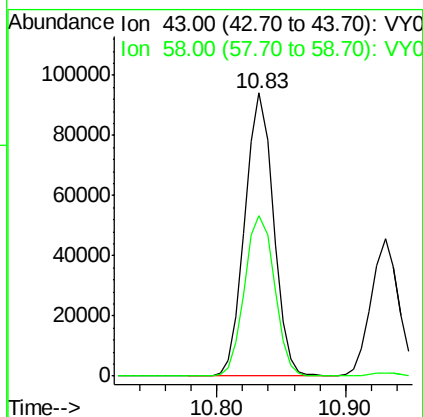
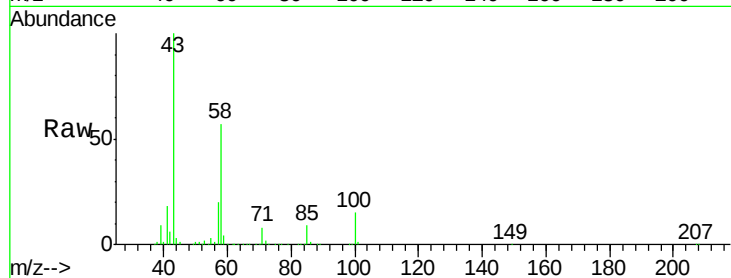




#59
2-Hexanone
Concen: 118.914 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

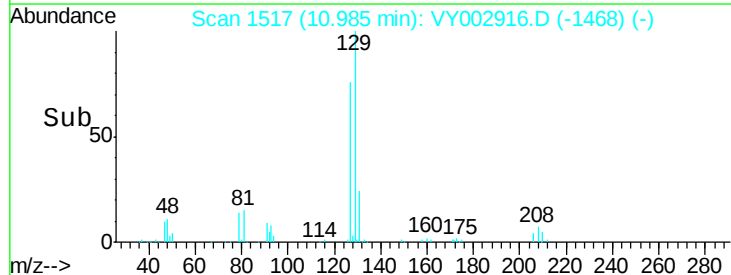
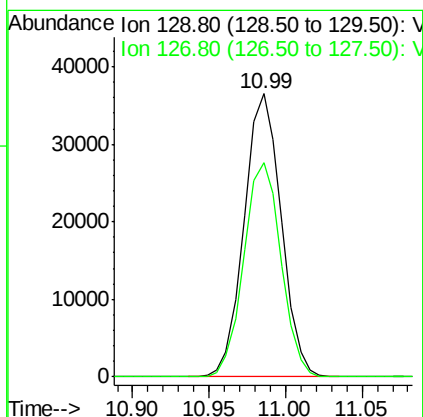
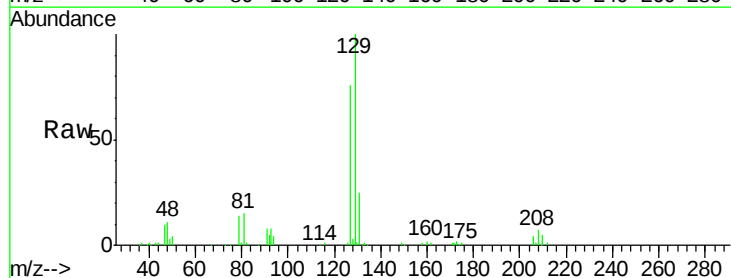
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

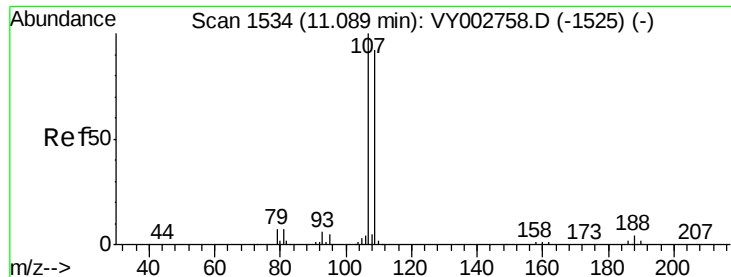
Tot Ion: 43 Resp: 144664
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 24.001 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 129 Resp: 61569
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3

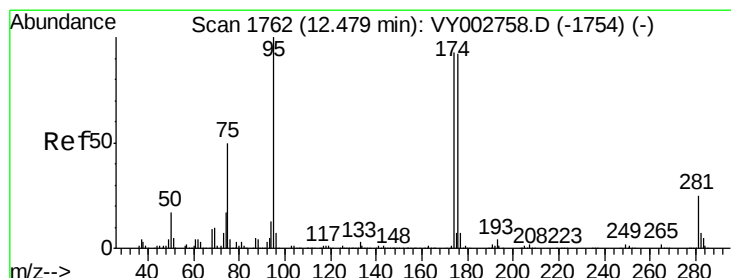
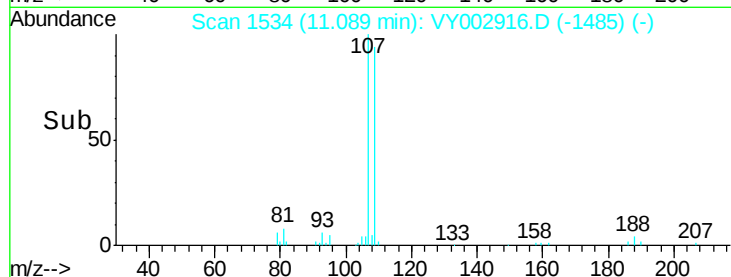
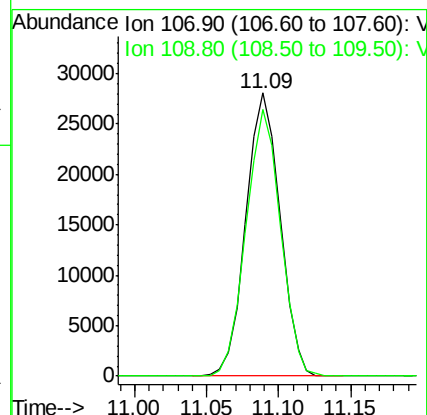
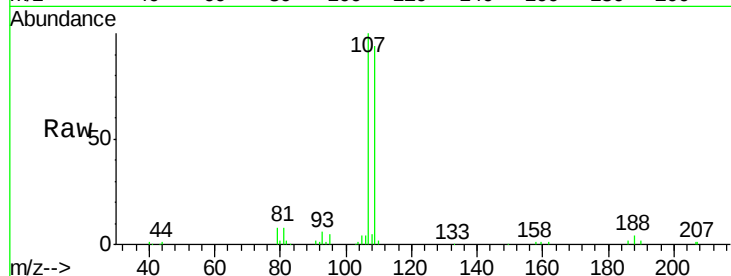




#61
 1,2-Dibromoethane
 Concen: 23.144 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

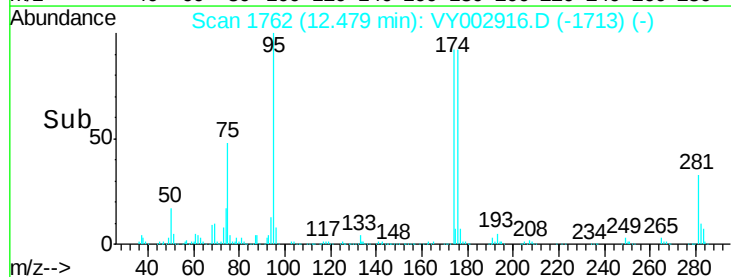
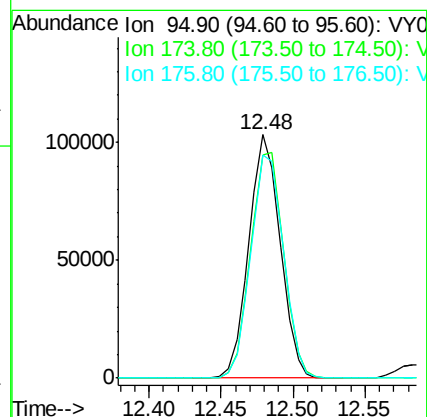
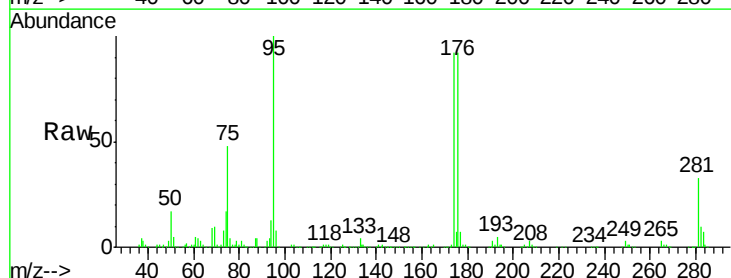
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

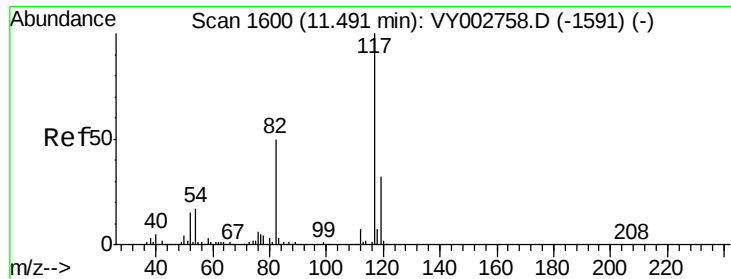
Tot Ion:107 Resp: 46194
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.456 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion: 95 Resp: 155348
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 191.2
 176 95.7 0.0 188.8

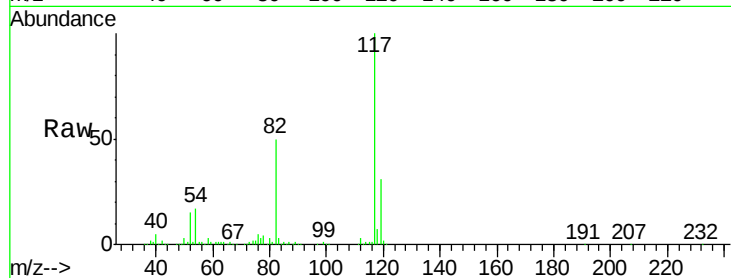




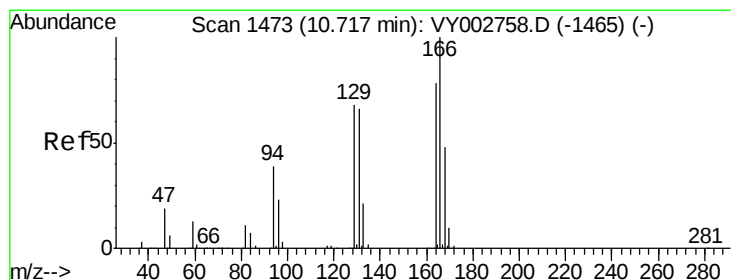
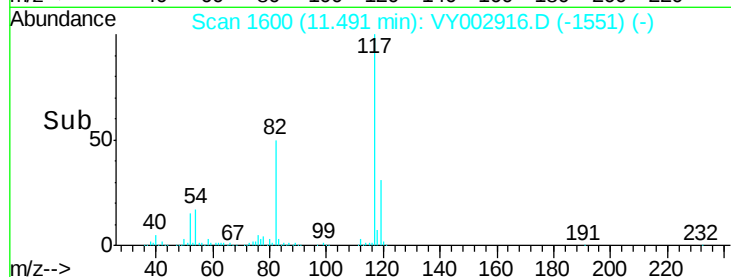
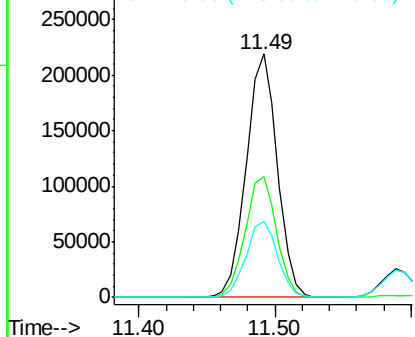
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:117 Resp: 349924
Ion Ratio Lower Upper
117 100
82 49.7 40.2 60.4
119 31.2 25.8 38.8

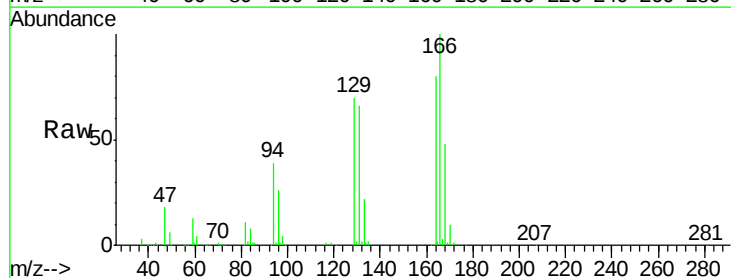


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

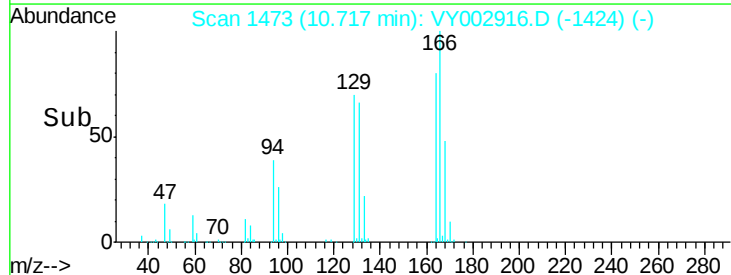
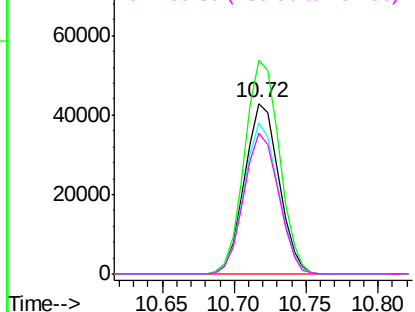


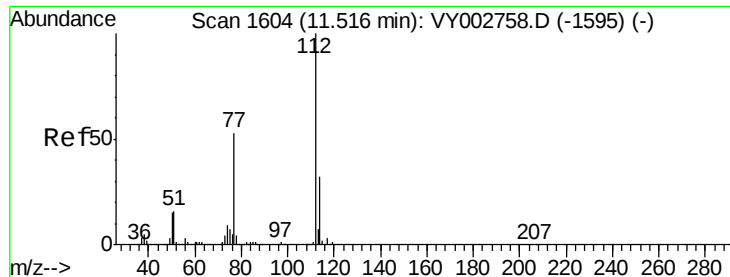
#64
Tetrachloroethene
Concen: 22.343 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion:164 Resp: 71059
Ion Ratio Lower Upper
164 100
166 125.0 102.3 153.5
129 88.1 69.4 104.2
131 82.3 67.8 101.6



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

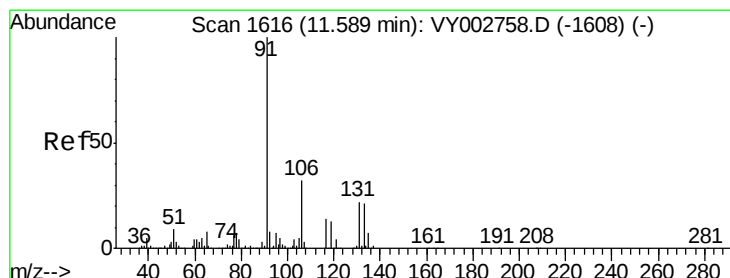
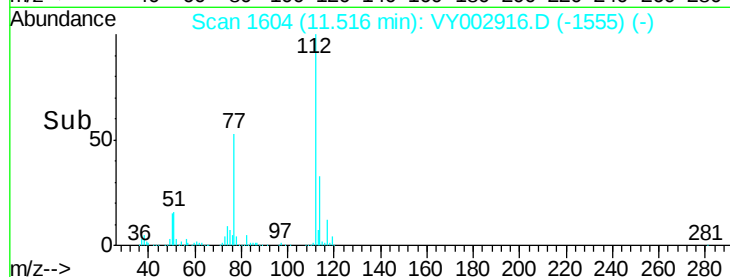
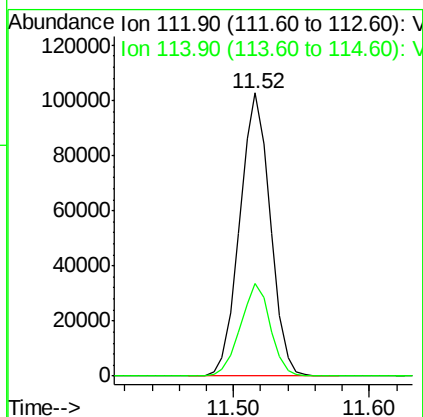
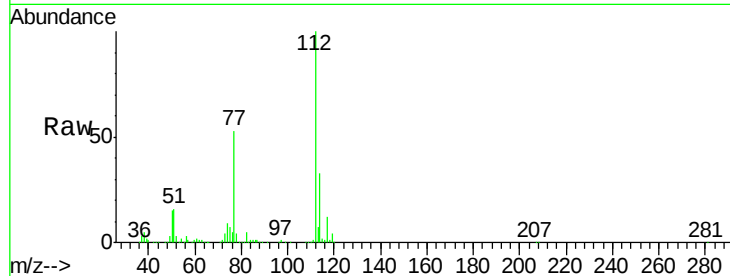




#65
Chlorobenzene
Concen: 23.174 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

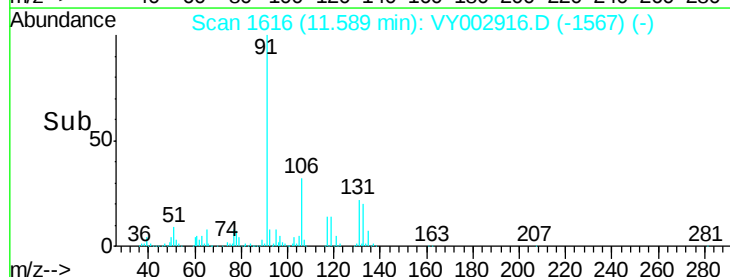
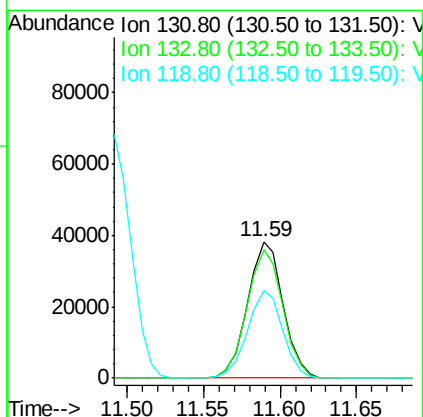
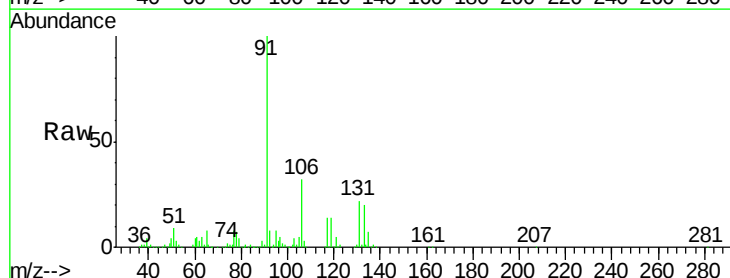
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

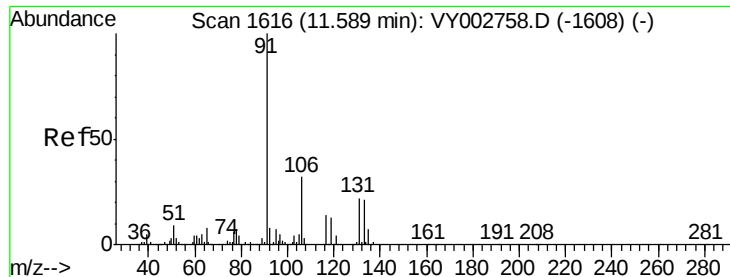
Tot Ion:112 Resp: 160274
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.658 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion:131 Resp: 61624
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 63.5 31.7 95.1

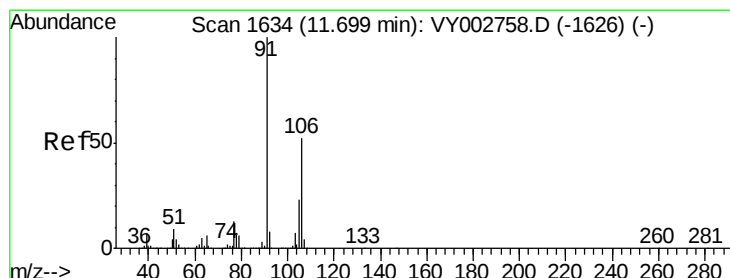
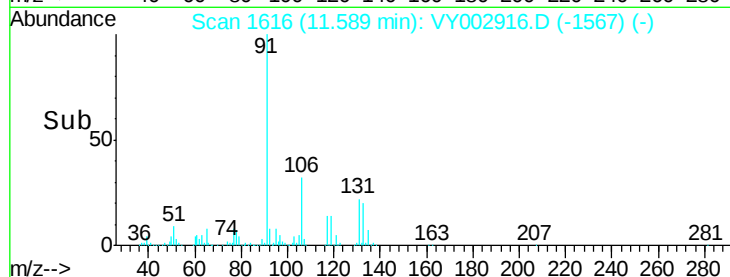
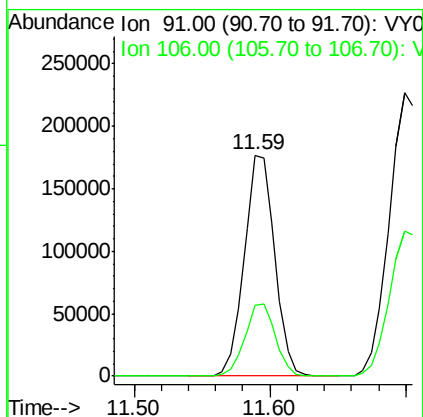
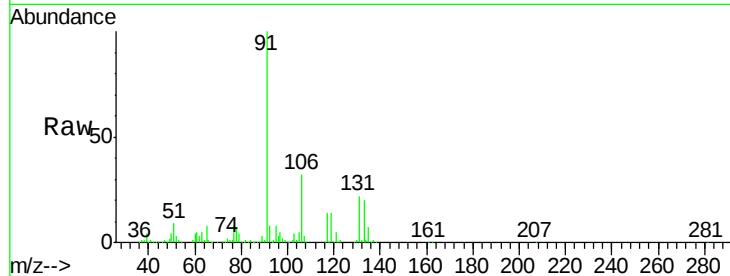




#67
Ethyl Benzene
Concen: 23.023 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

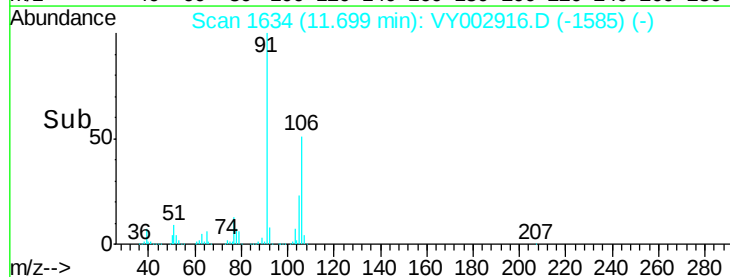
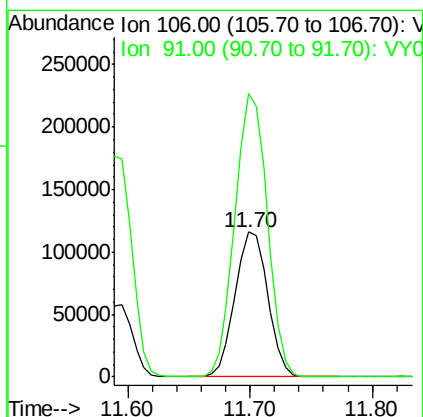
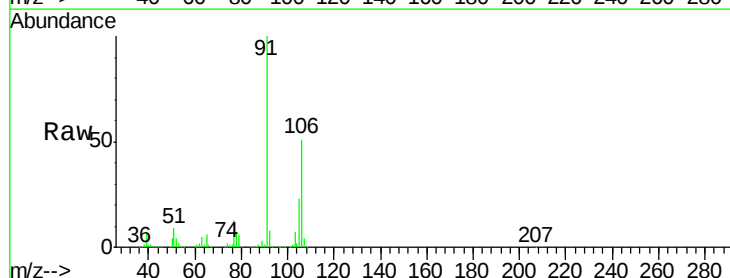
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

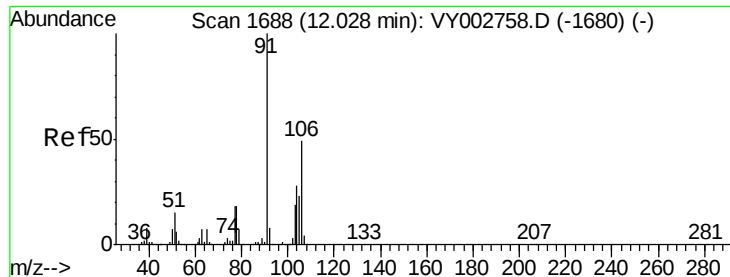
Tot Ion: 91 Resp: 276055
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 46.281 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 106 Resp: 215150
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0

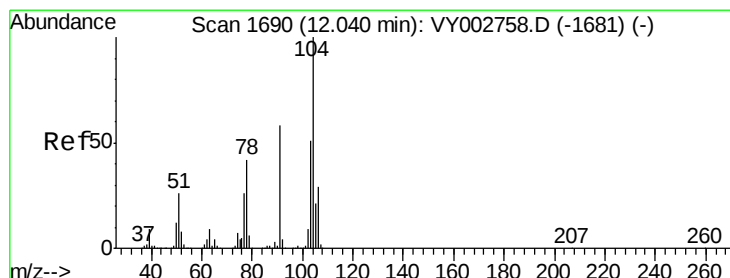
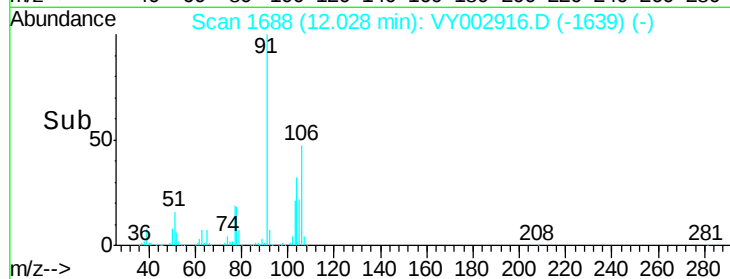
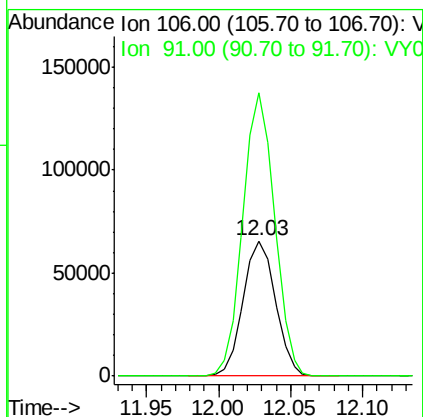
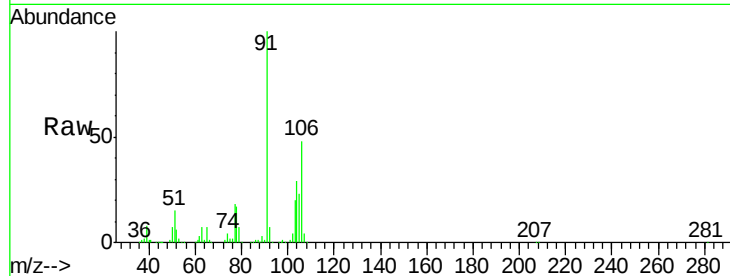




#69
o-Xylene
Concen: 23.329 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

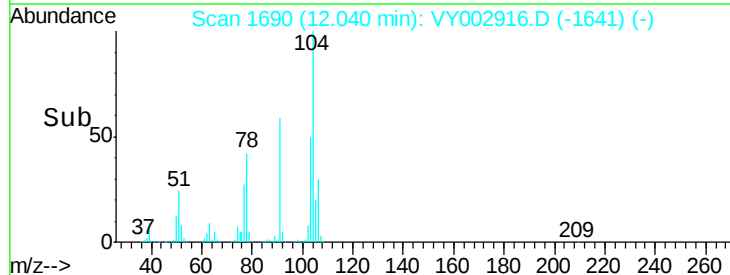
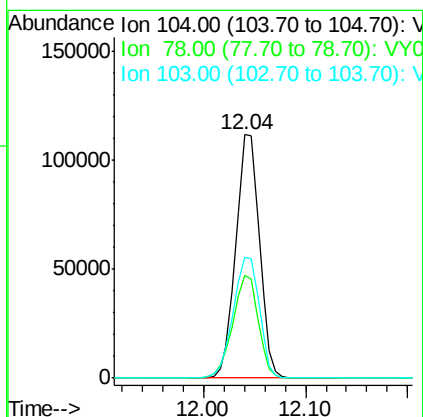
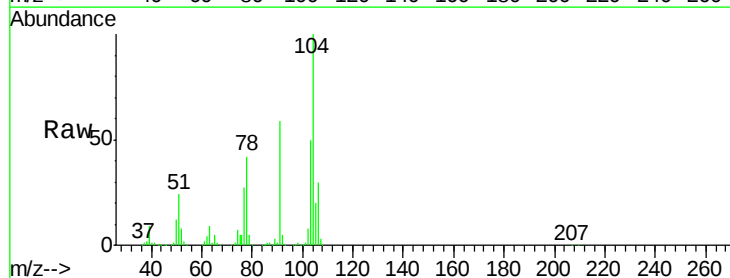
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

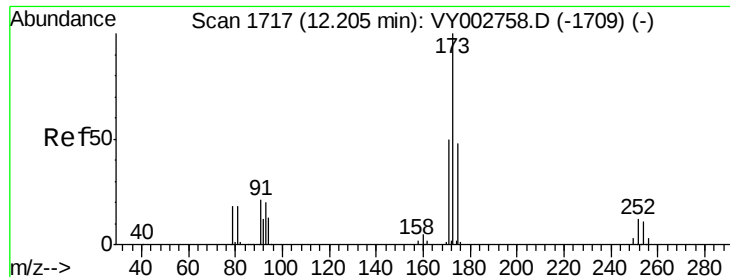
Tot Ion:106 Resp: 102384
Ion Ratio Lower Upper
106 100
91 205.5 102.4 307.1



#70
Styrene
Concen: 23.436 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion:104 Resp: 178295
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 24.382 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

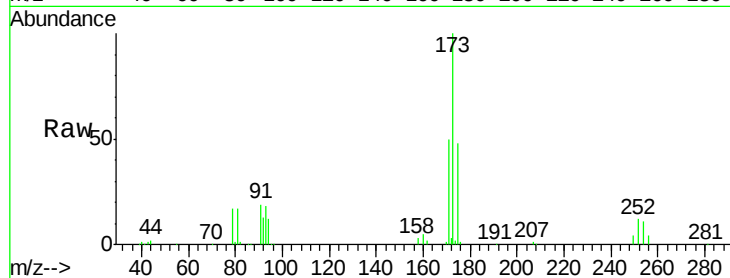
Tot Ion:173 Resp: 42496

Ion Ratio Lower Upper

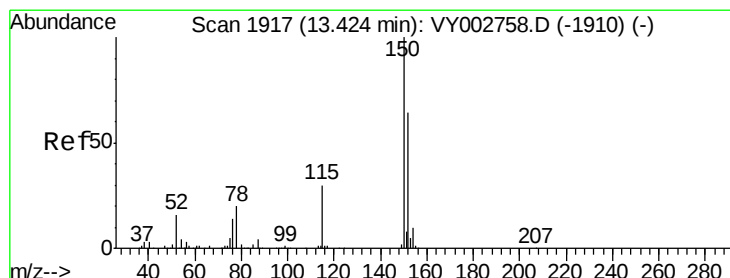
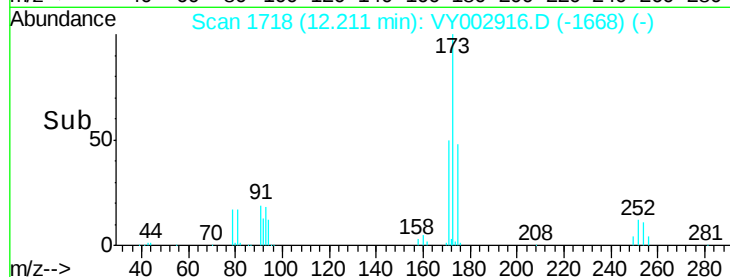
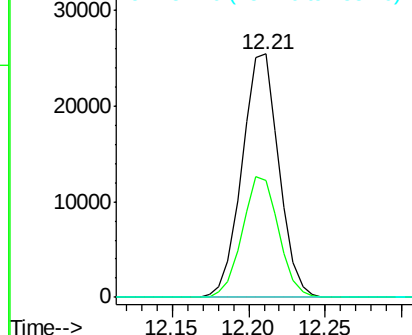
173 100

175 48.8 24.3 72.8

254 0.0 0.1 0.1#



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# 1917

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

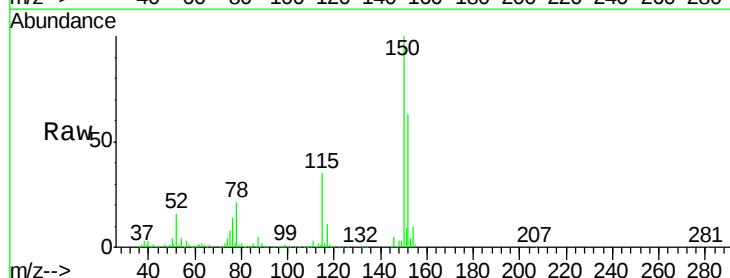
Tgt Ion:152 Resp: 194698

Ion Ratio Lower Upper

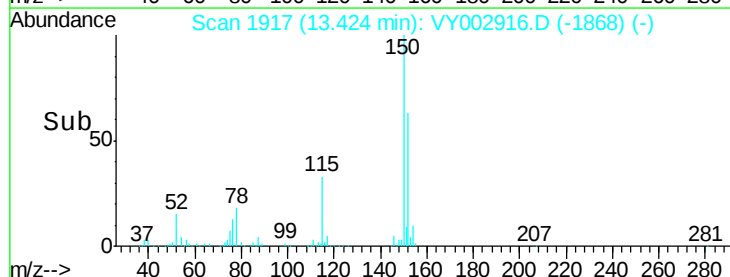
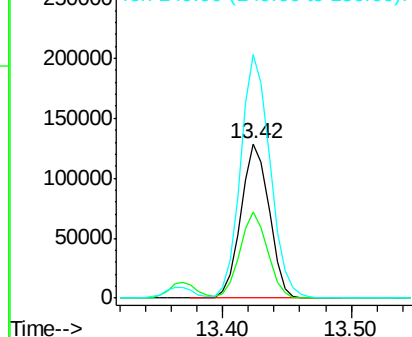
152 100

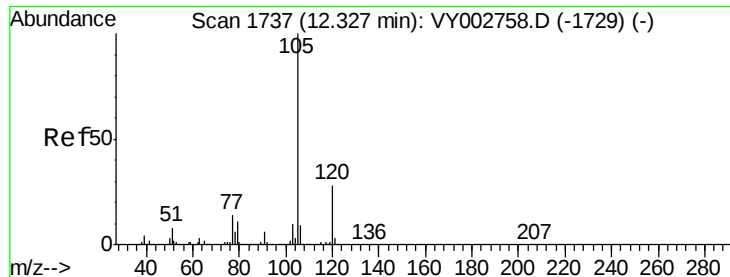
115 54.6 27.0 81.0

150 165.0 0.0 344.8



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: 22.414 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

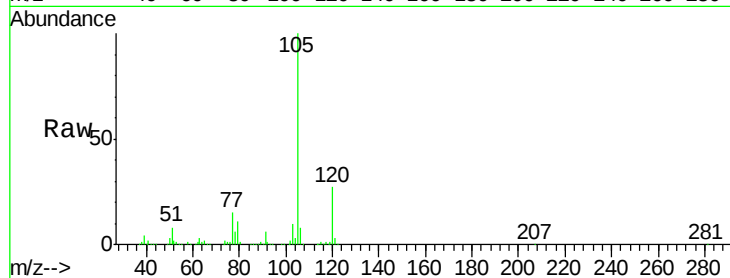
VY0618SBS01

Tot Ion: 105 Resp: 279659

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

150000

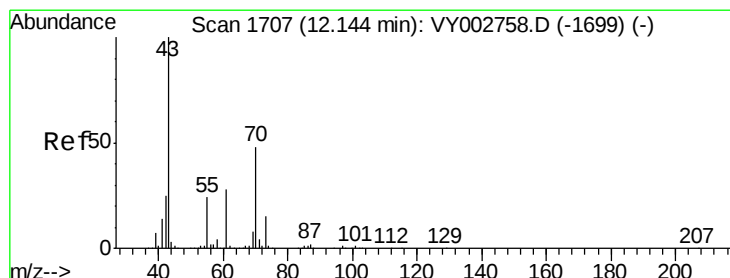
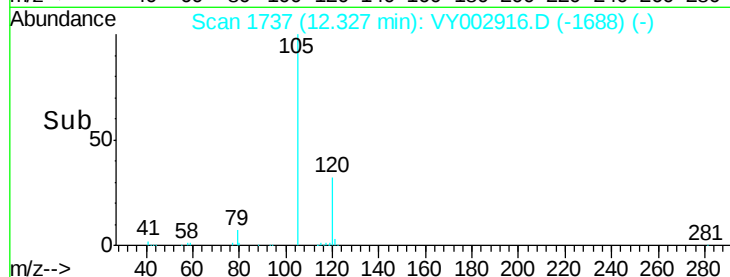
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 22.696 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion: 43 Resp: 72659

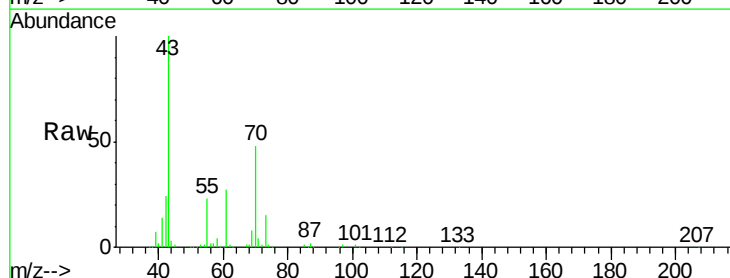
Ion Ratio Lower Upper

43 100

70 49.1 37.7 56.5

55 24.7 19.8 29.6

61 27.5 21.7 32.5



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

12.14

80000

60000

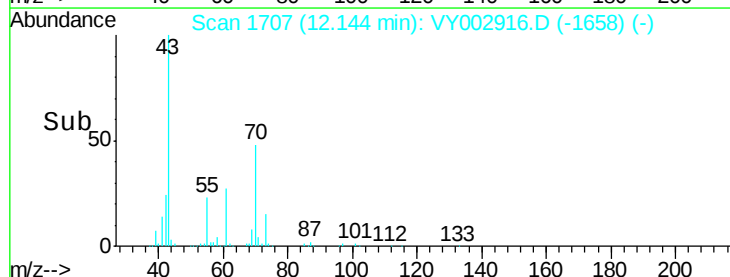
40000

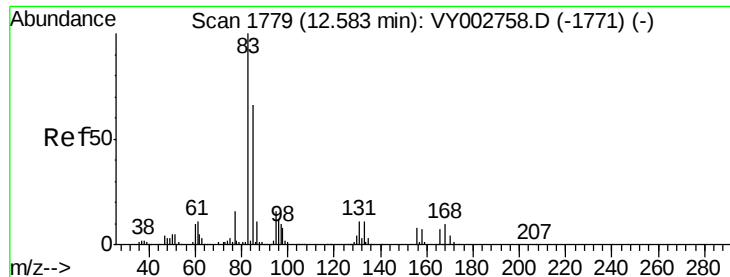
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 24.315 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

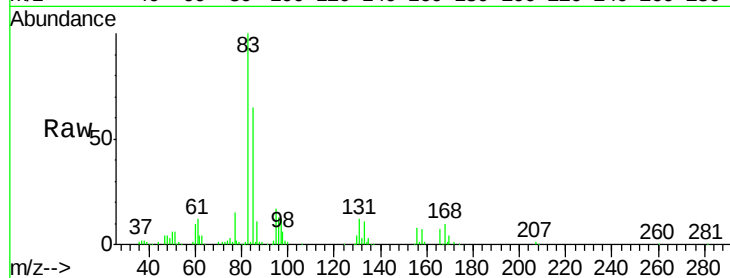
Tot Ion: 83 Resp: 53229

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

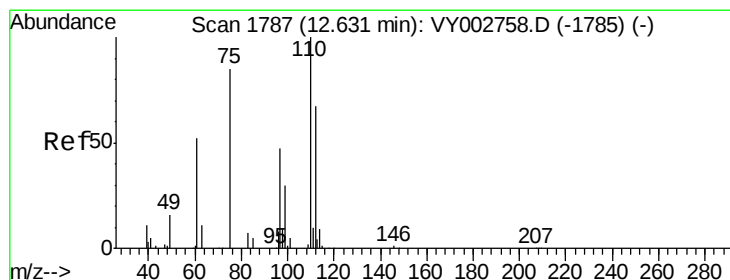
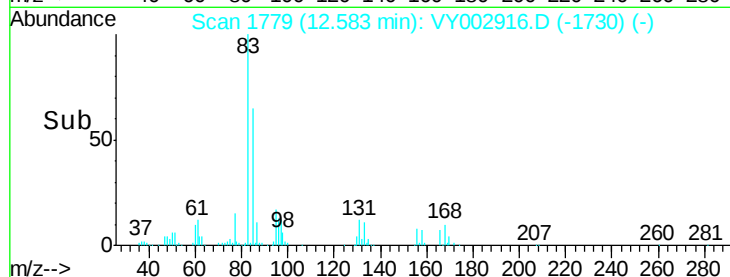
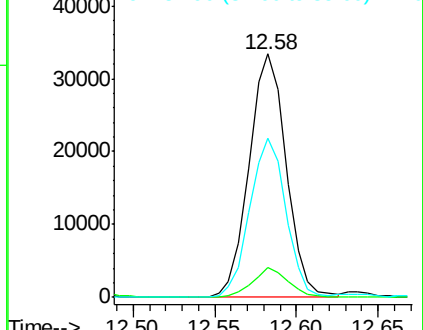
85 63.4 32.6 98.0



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: 42.755 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002916.D

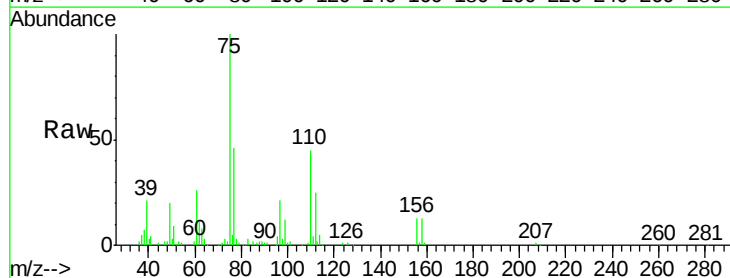
Acq: 18 Jun 2020 13:38

Tgt Ion: 75 Resp: 75007

Ion Ratio Lower Upper

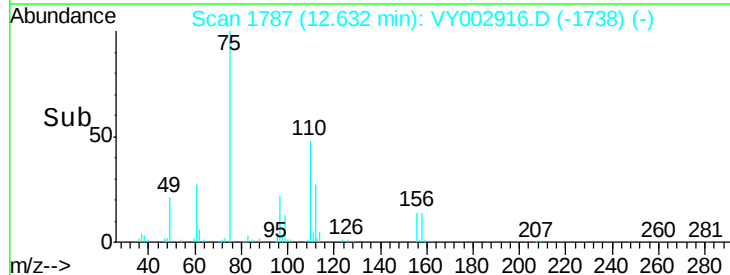
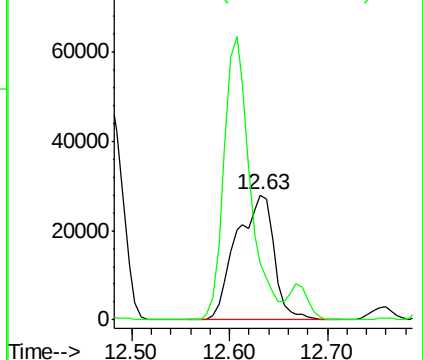
75 100

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: 22.750 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

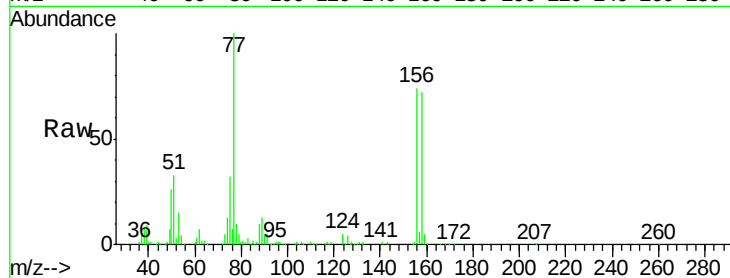
Tot Ion:156 Resp: 73911

Ion Ratio Lower Upper

156 100

77 159.5 81.4 244.2

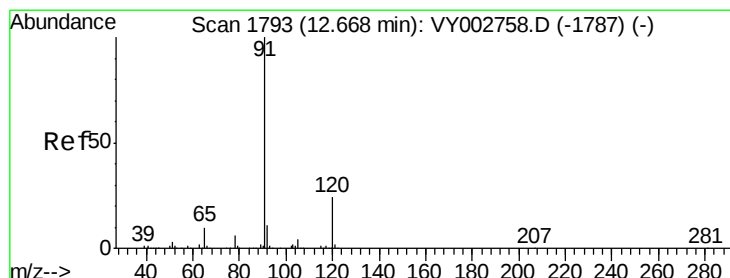
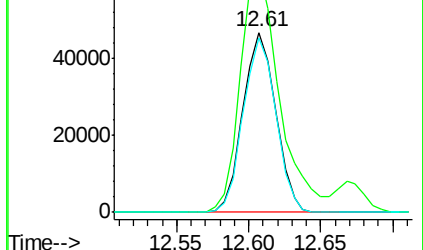
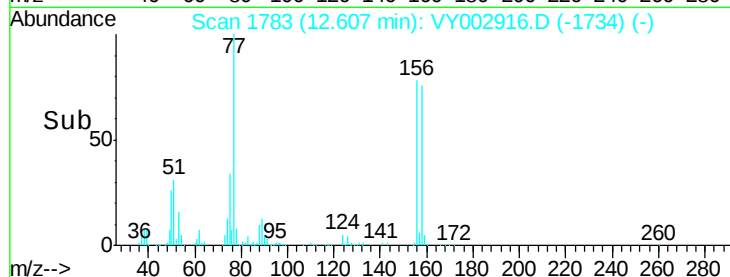
158 96.5 48.5 145.6



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: 22.480 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002916.D

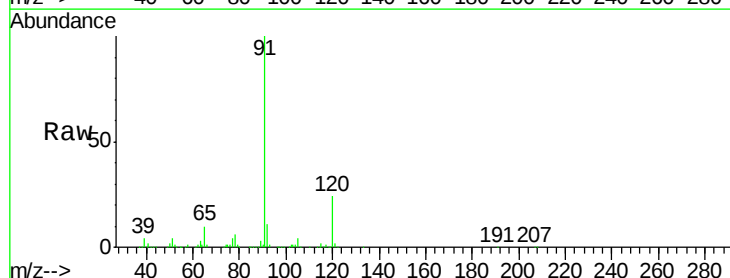
Acq: 18 Jun 2020 13:38

Tgt Ion: 91 Resp: 323990

Ion Ratio Lower Upper

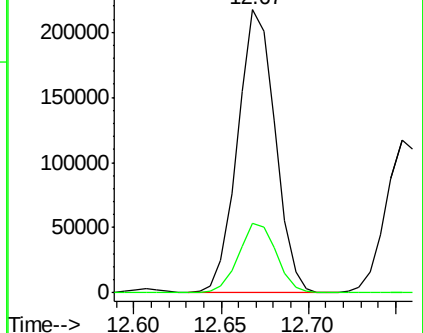
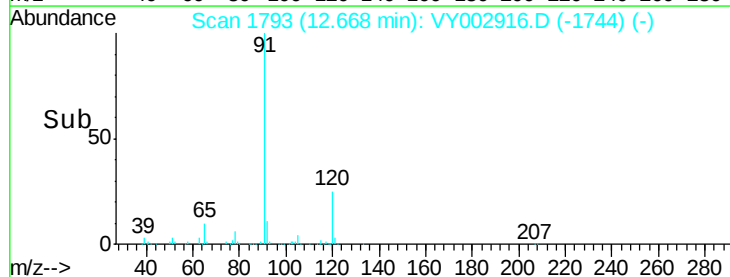
91 100

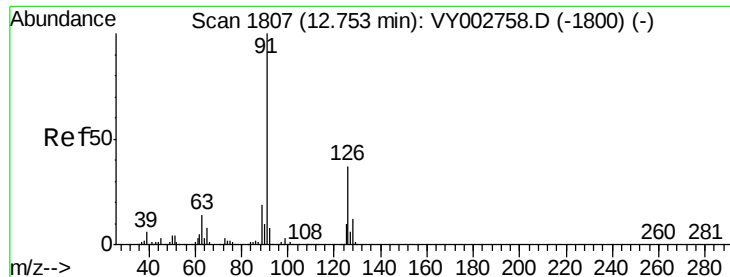
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

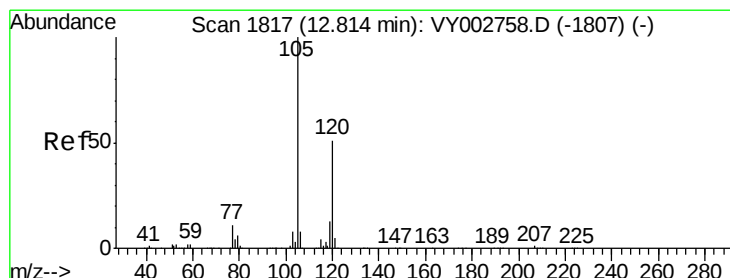
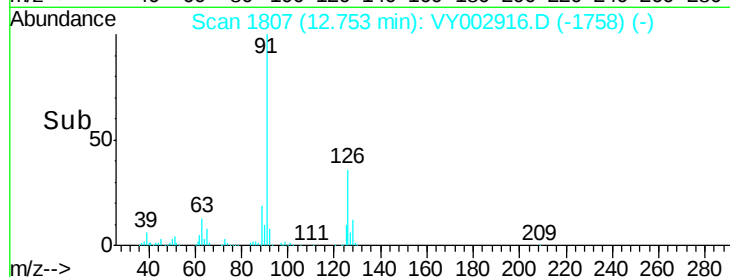
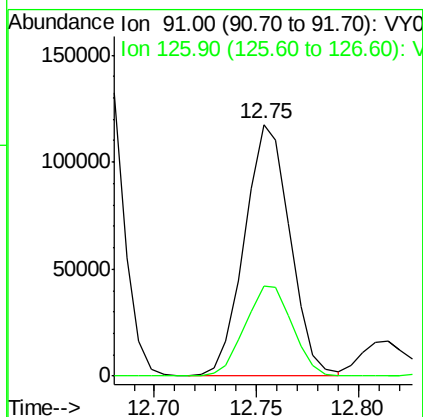
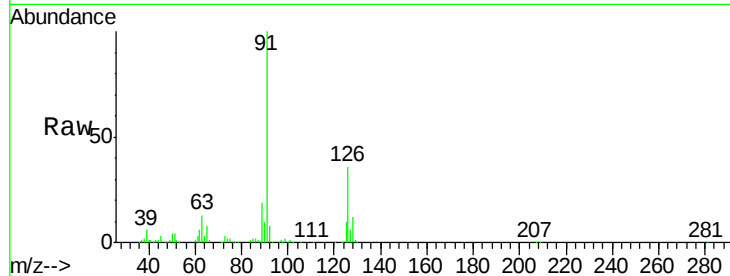




#79
2-Chlorotoluene
Concen: 22.541 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

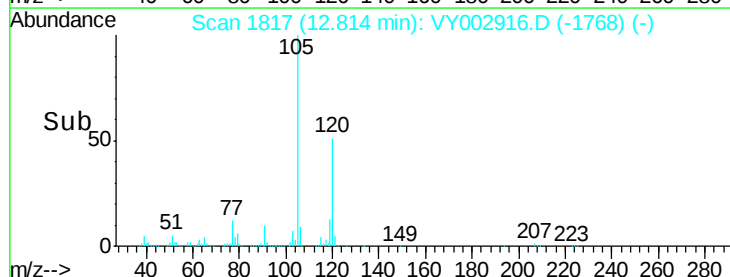
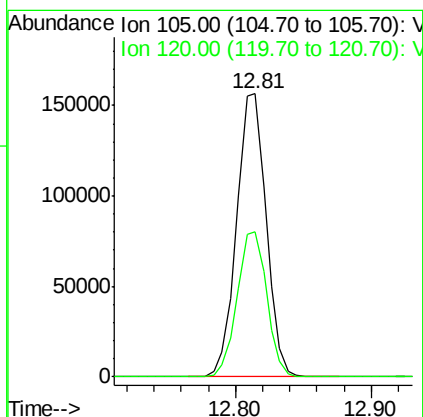
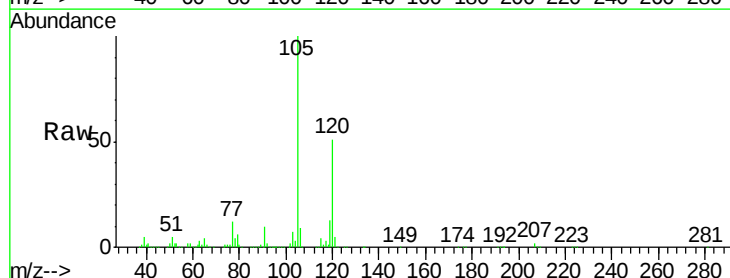
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

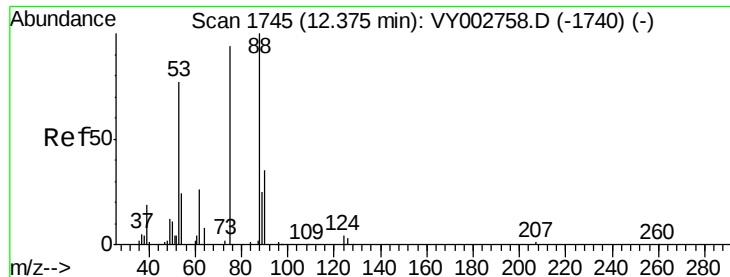
Tot Ion: 91 Resp: 182236
Ion Ratio Lower Upper
91 100
126 37.3 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 22.735 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion: 105 Resp: 236850
Ion Ratio Lower Upper
105 100
120 51.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.396 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

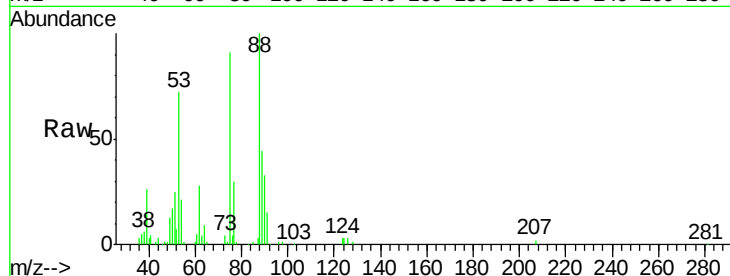
Tot Ion: 75 Resp: 20855

Ion Ratio Lower Upper

75 100

53 83.6 64.0 96.0

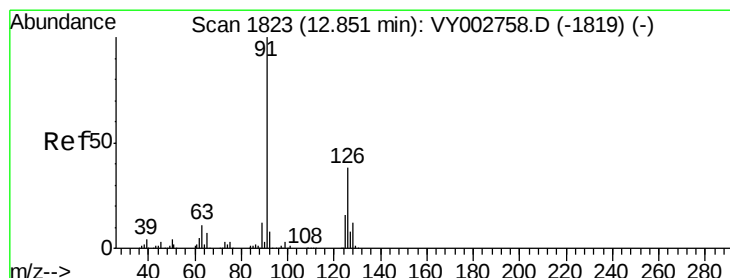
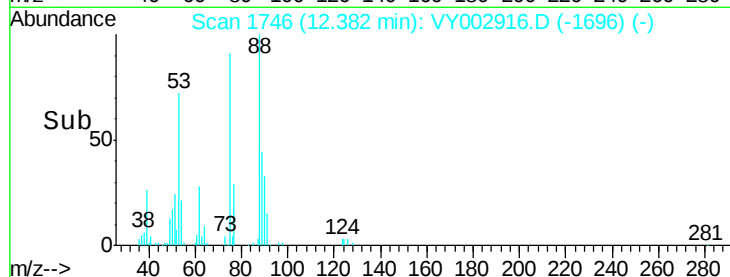
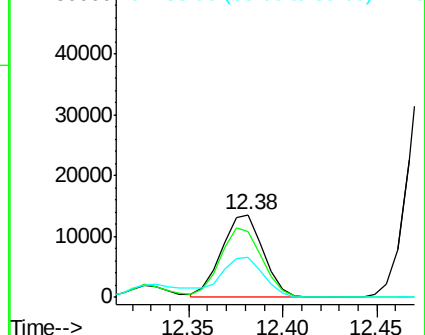
89 50.8 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 22.952 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002916.D

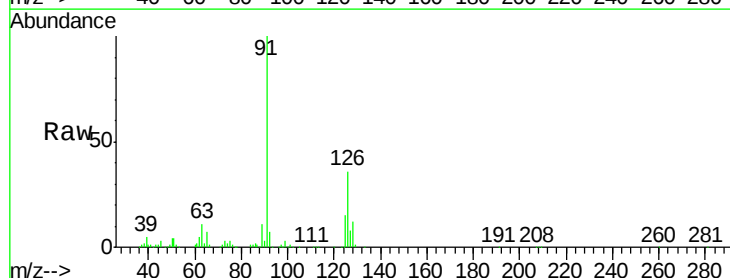
Acq: 18 Jun 2020 13:38

Tgt Ion: 91 Resp: 194414

Ion Ratio Lower Upper

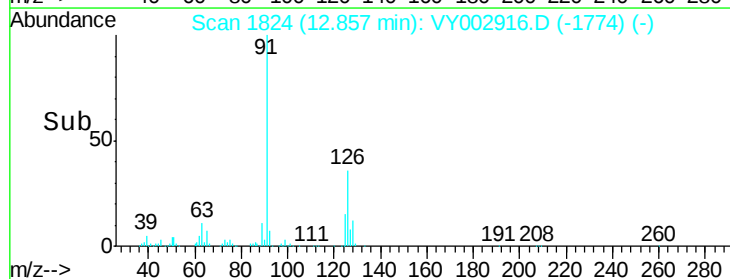
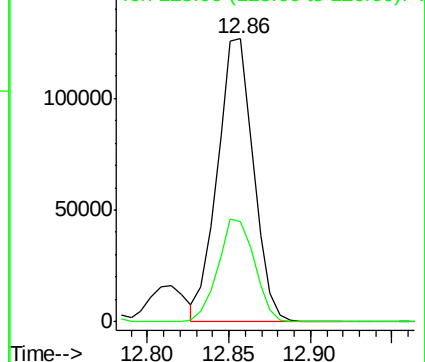
91 100

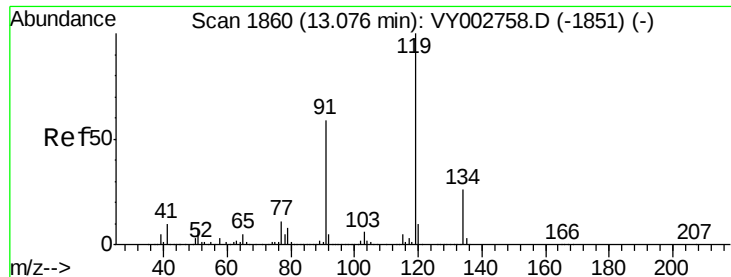
126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

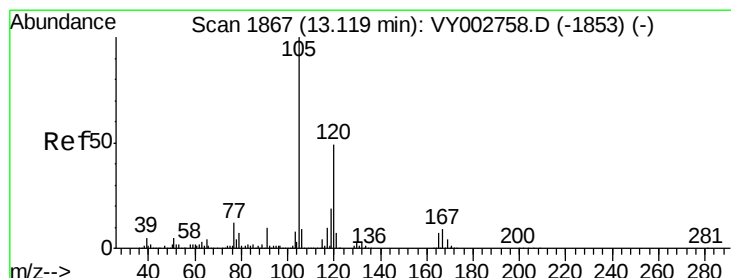
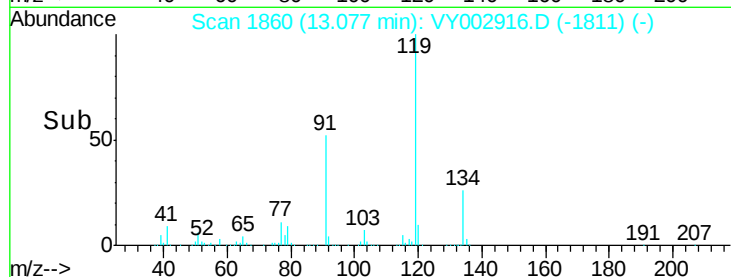
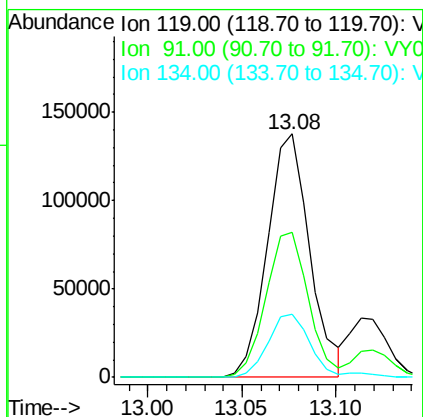
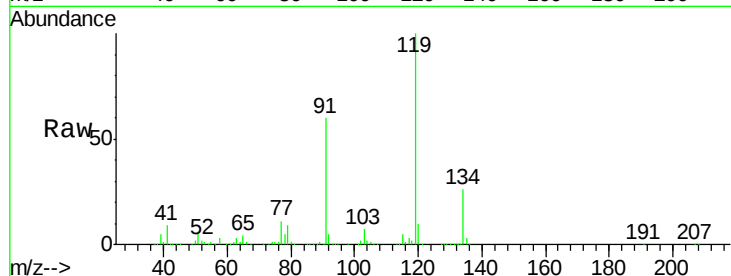




#83
tert-Butylbenzene
Concen: 23.059 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

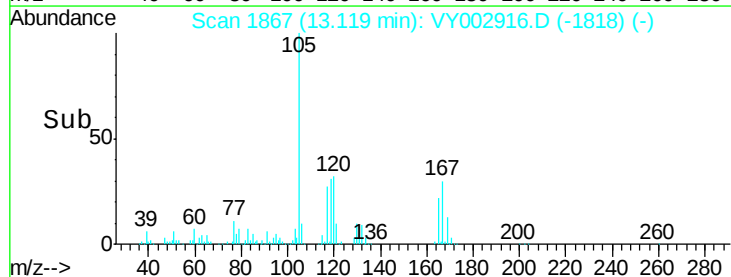
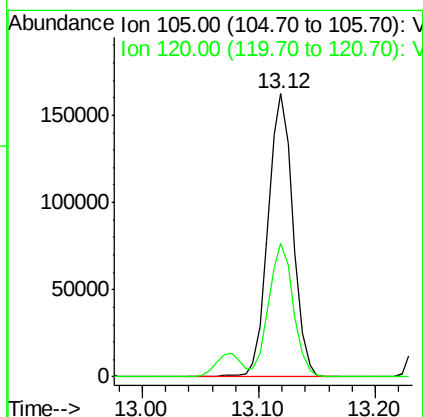
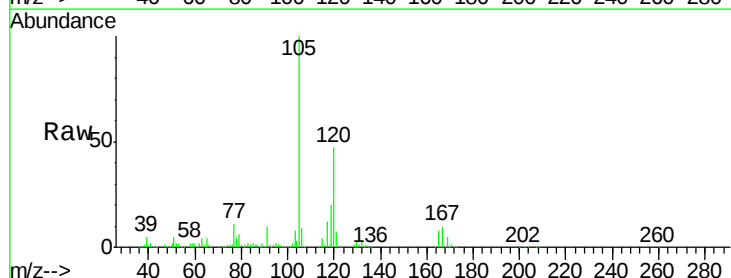
Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

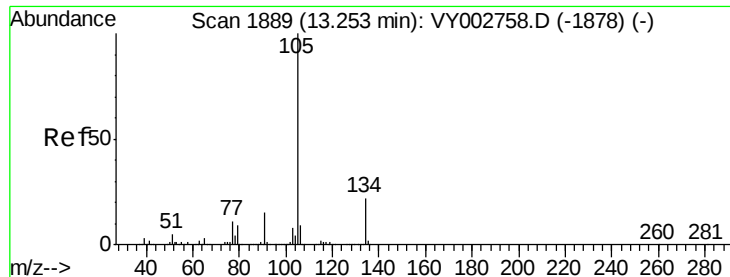
Tot Ion:119 Resp: 214282
Ion Ratio Lower Upper
119 100
91 59.9 29.8 89.4
134 27.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 23.049 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion:105 Resp: 241439
Ion Ratio Lower Upper
105 100
120 46.2 23.6 70.8





#85

sec-Butylbenzene

Concen: 22.956 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

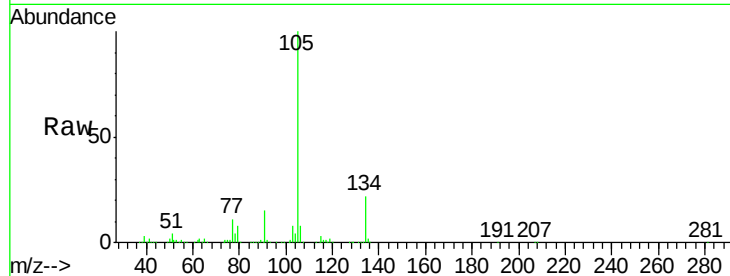
VY0618SBS01

Tot Ion:105 Resp: 291678

Ion Ratio Lower Upper

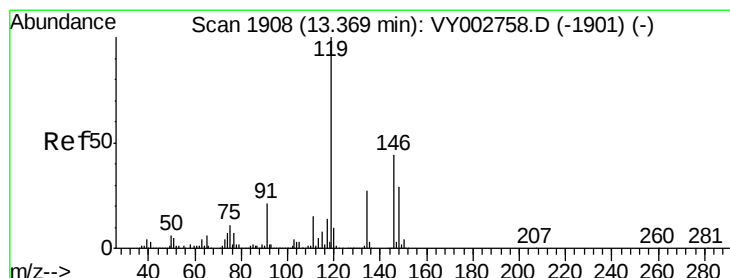
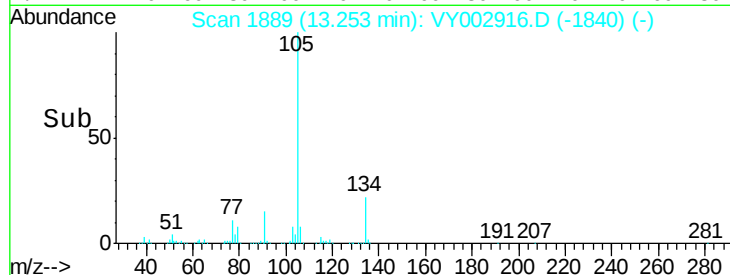
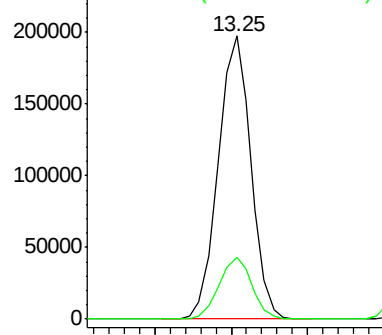
105 100

134 21.9 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.248 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

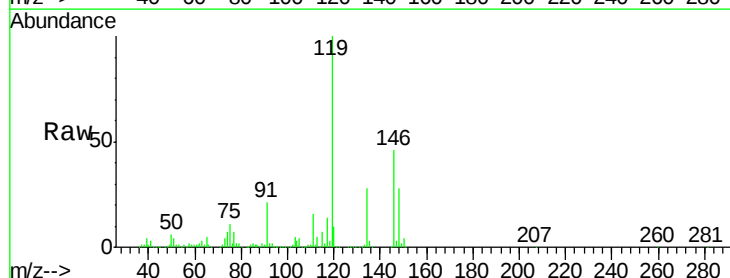
Tgt Ion:119 Resp: 274861

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

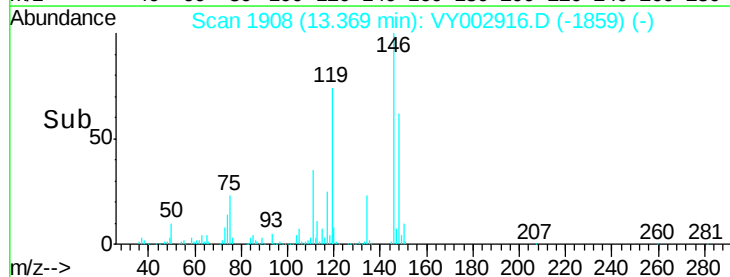
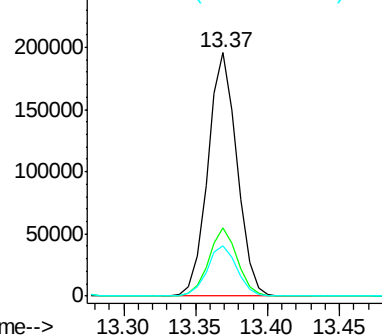
91 21.1 10.8 32.4

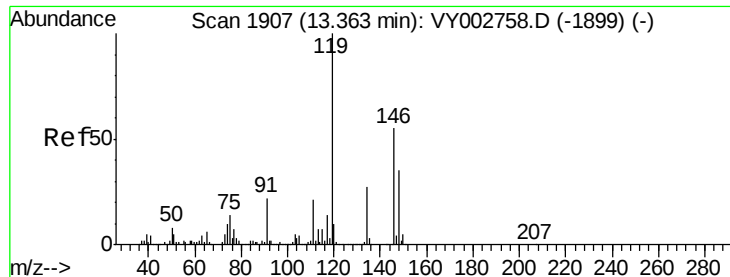


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 23.095 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

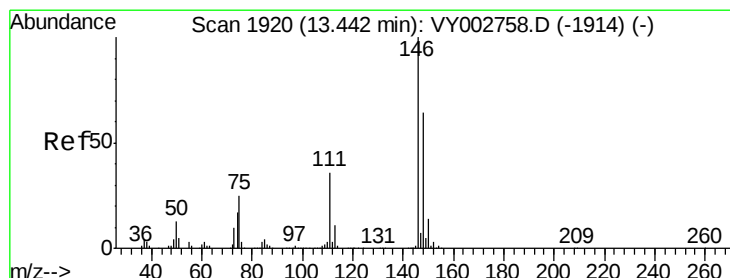
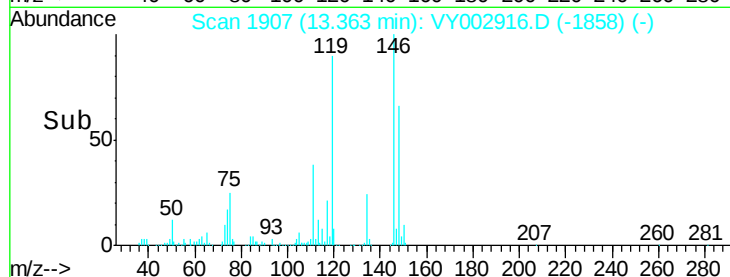
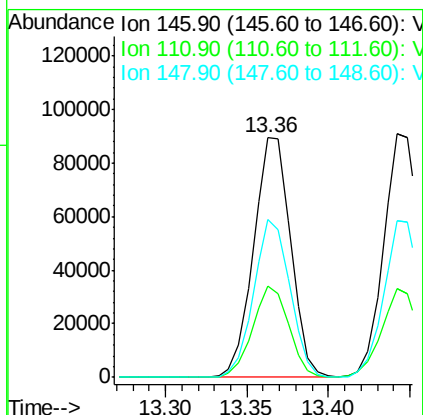
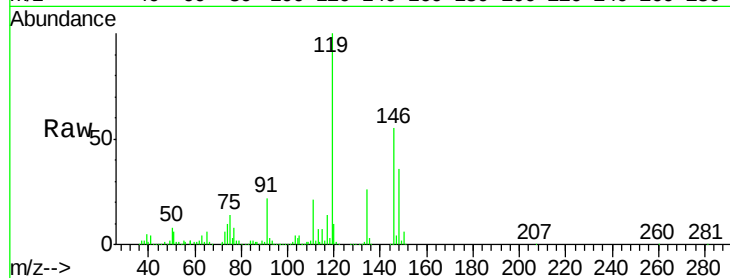
Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:146 Resp: 142128

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 23.117 ug/l

RT: 13.44 min Scan# 1920

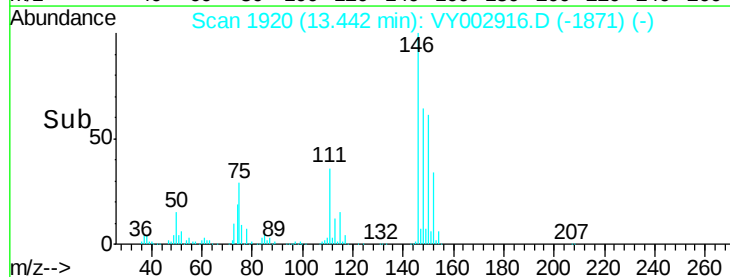
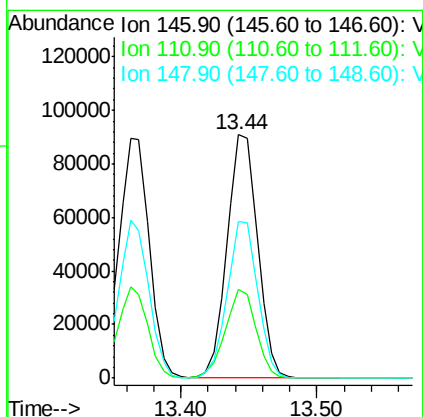
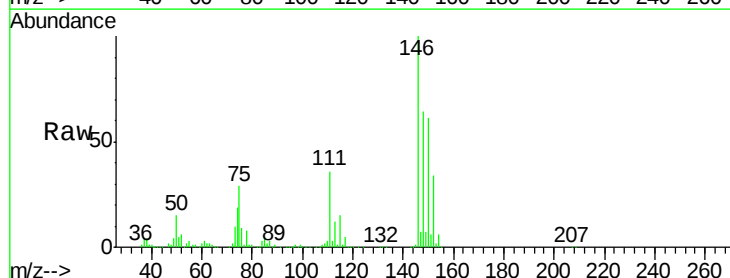
Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Tgt Ion:146 Resp: 142310

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.3
148	64.4	32.1	96.3





#89

n-Butylbenzene

Concen: 23.028 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

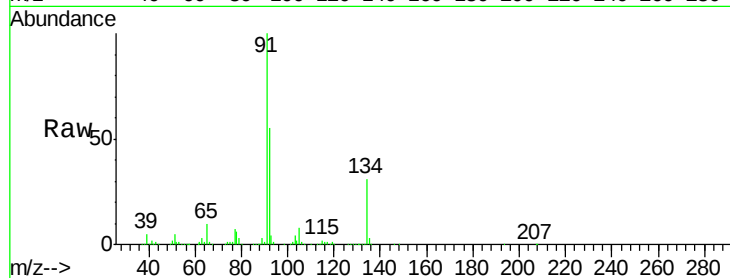
Tot Ion: 91 Resp: 247181

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

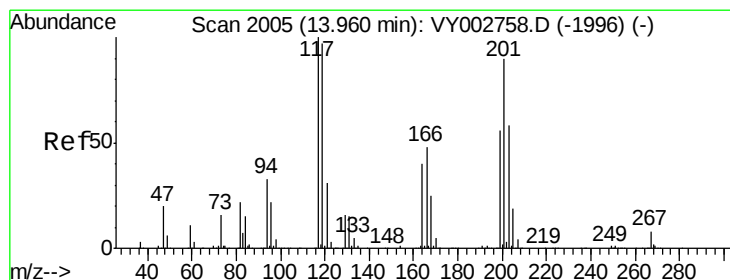
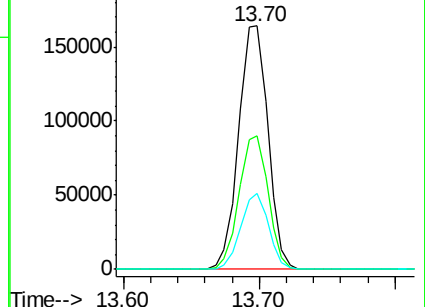
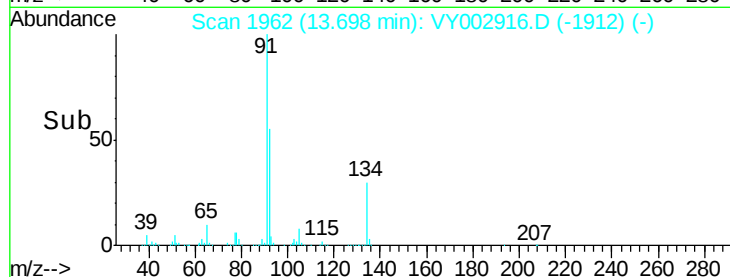
134 29.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002916.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002916.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002916.D (-1912) (-)



#90

Hexachloroethane

Concen: 23.678 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002916.D

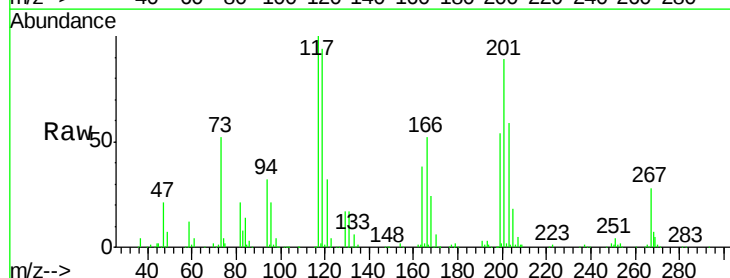
Acq: 18 Jun 2020 13:38

Tgt Ion: 117 Resp: 52408

Ion Ratio Lower Upper

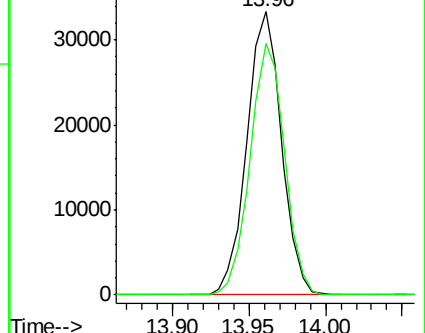
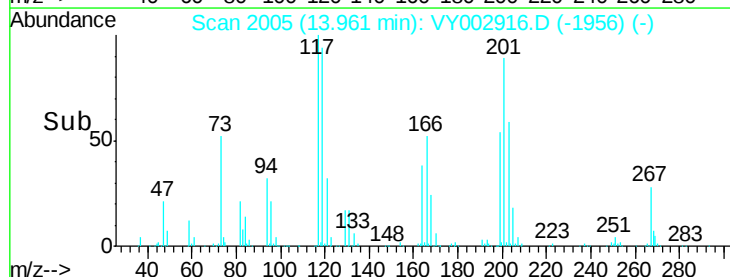
117 100

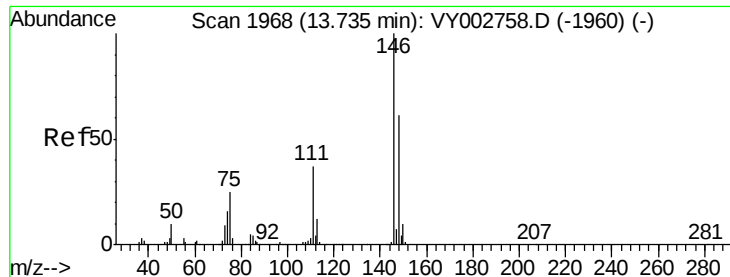
201 88.3 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002916.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002916.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 23.440 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

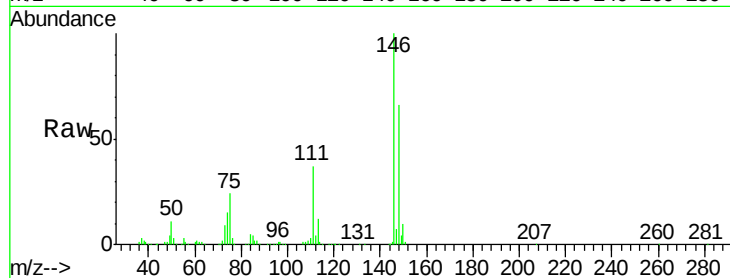
Tot Ion:146 Resp: 130822

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.9

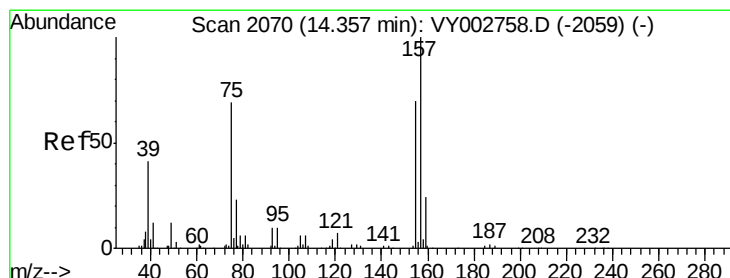
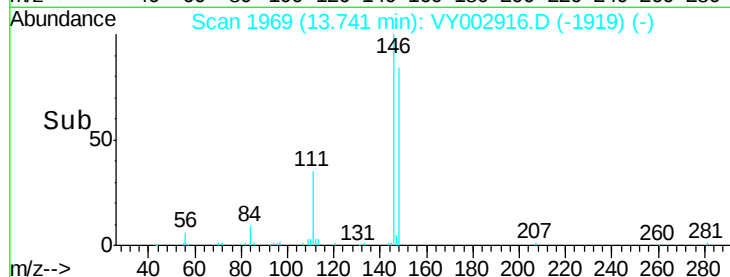
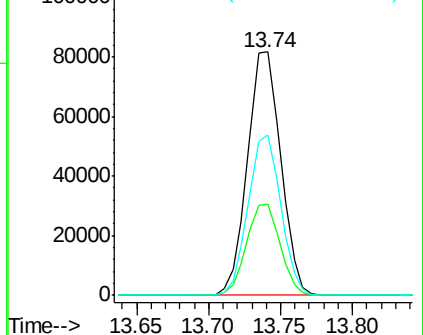
148 64.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.241 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002916.D

Acq: 18 Jun 2020 13:38

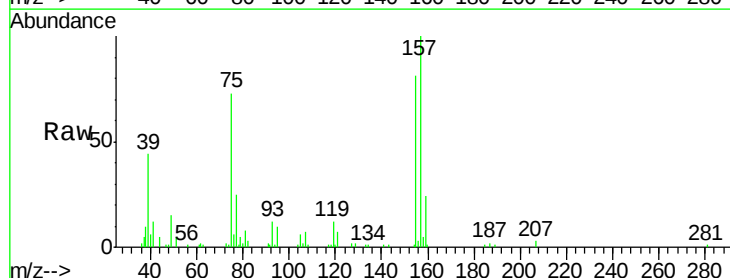
Tgt Ion: 75 Resp: 10210

Ion Ratio Lower Upper

75 100

155 108.6 53.5 160.5

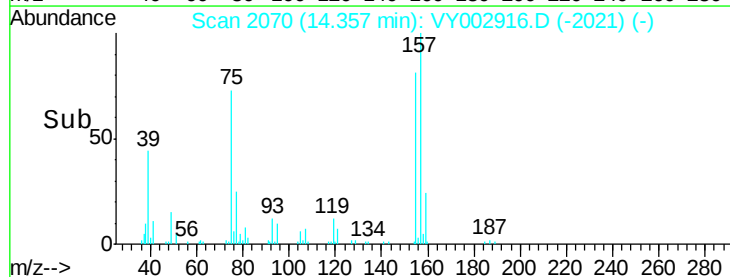
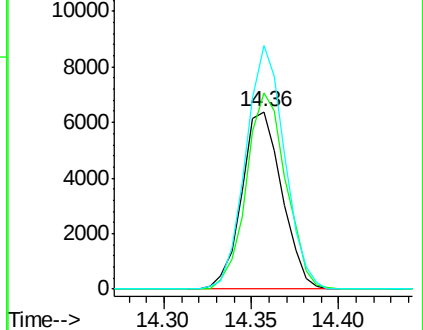
157 132.7 69.9 209.7

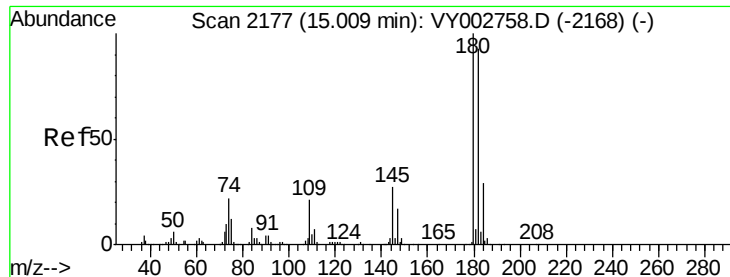


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

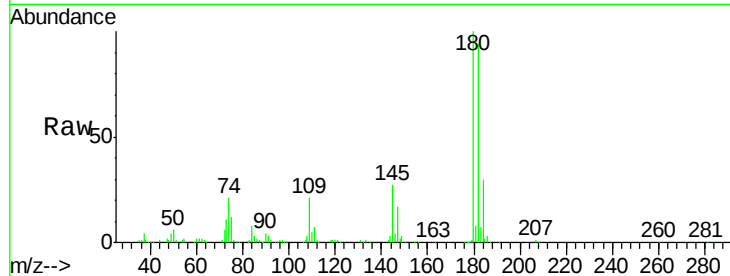




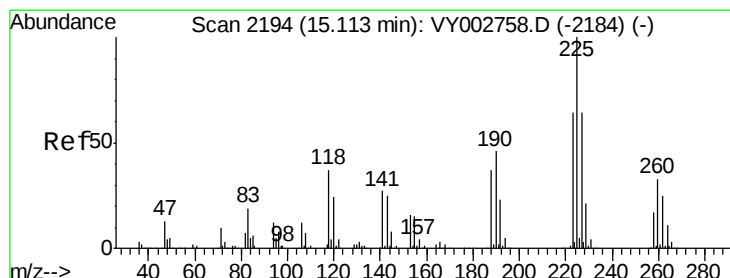
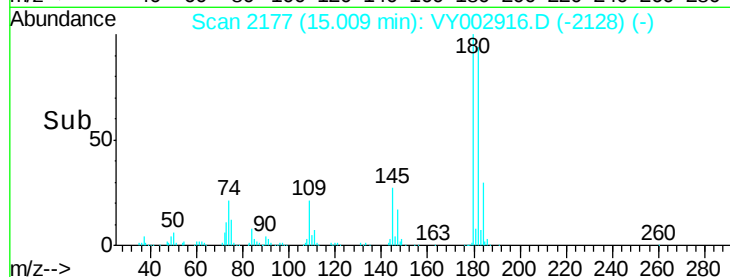
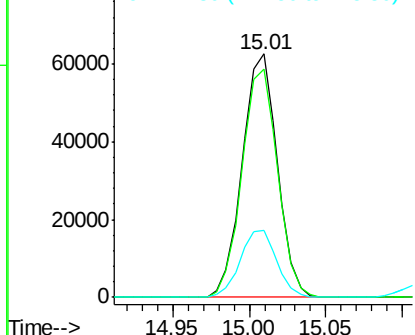
#93
 1,2,4-Trichlorobenzene
 Concen: 23.674 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:180 Resp: 99590
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 141.9
 145 28.6 14.1 42.3

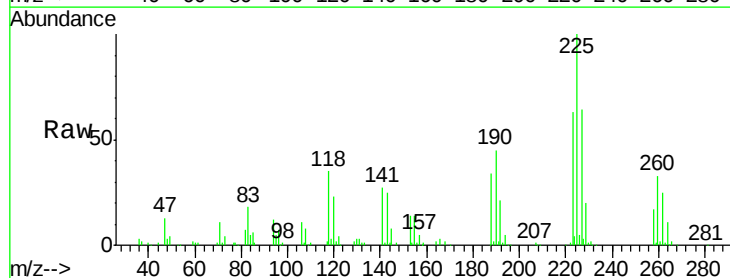


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

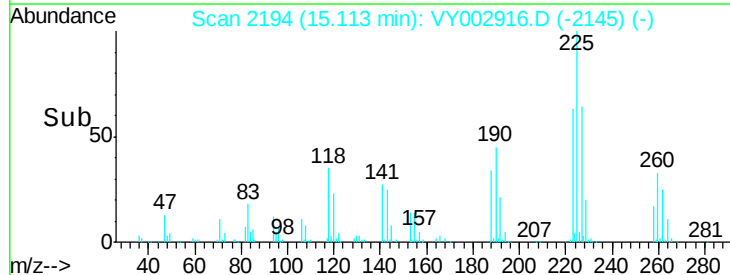
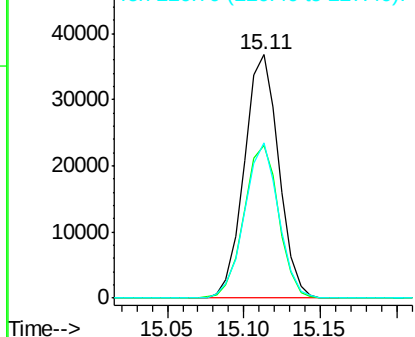


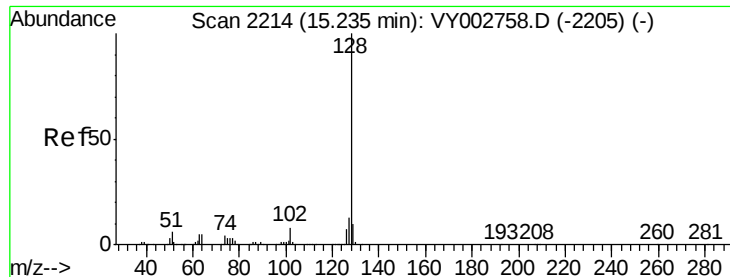
#94
 Hexachlorobutadiene
 Concen: 24.193 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002916.D
 Acq: 18 Jun 2020 13:38

Tgt Ion:225 Resp: 57723
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 62.9 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

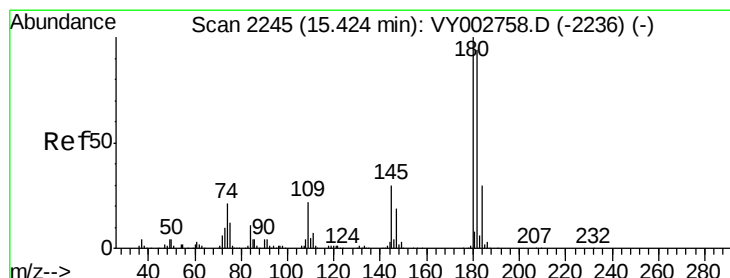
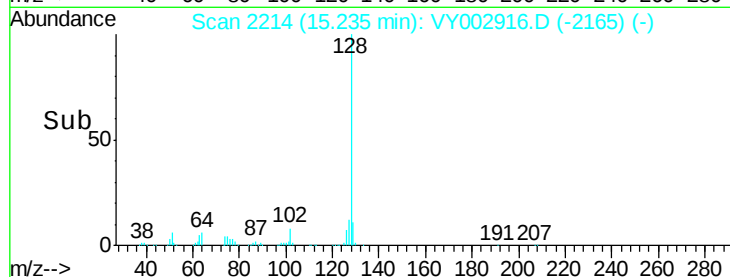
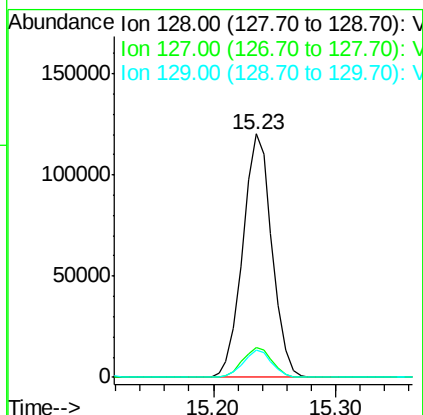
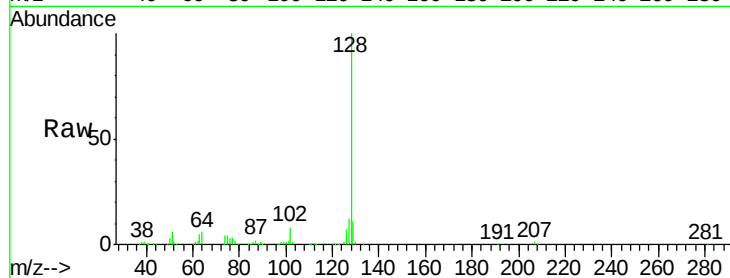




#95
Naphthalene
Concen: 23.524 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:128 Resp: 198418
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.840 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002916.D
Acq: 18 Jun 2020 13:38

Tgt Ion:180 Resp: 89556
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.4
145 30.3 15.1 45.3

