

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001894.D
 Acq On : 06 Mar 2020 12:19
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	269463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	122834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	88722	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.75	113	82971	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.20	98	342958	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.50	95	117333	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	27954	18.419	ug/l	99
3) Chloromethane	2.13	50	41422	20.244	ug/l	99
4) Vinyl Chloride	2.27	62	40137	19.285	ug/l	97
5) Bromomethane	2.66	94	28041	19.497	ug/l	86
6) Chloroethane	2.81	64	26470	20.246	ug/l	100
7) Trichlorofluoromethane	3.15	101	53851	19.078	ug/l	95
8) Diethyl Ether	3.55	74	22598	20.313	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	35983	19.820	ug/l	99
10) Methyl Iodide	4.12	142	37254	17.744	ug/l	99
11) Tert butyl alcohol	4.99	59	28316	145.593	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	36441	19.935	ug/l	98
13) Acrolein	3.75	56	24138	97.863	ug/l	97
14) Allyl chloride	4.51	41	63926	19.726	ug/l	98
15) Acrylonitrile	5.21	53	58112	97.755	ug/l	99
16) Acetone	3.97	43	46677	91.304	ug/l	96
17) Carbon Disulfide	4.22	76	117720	19.157	ug/l	98
18) Methyl Acetate	4.51	43	25743	19.598	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	100012	20.189	ug/l	98
20) Methylene Chloride	4.75	84	46094	21.038	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	40809	19.669	ug/l	100
22) Diisopropyl ether	6.15	45	135025	20.327	ug/l	97
23) Vinyl Acetate	6.10	43	436821	100.308	ug/l	98
24) 1,1-Dichloroethane	6.05	63	71962	20.005	ug/l	99
25) 2-Butanone	7.02	43	74857	96.287	ug/l	100
26) 2,2-Dichloropropane	7.02	77	60786	20.588	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	45630	20.218	ug/l	99
28) Bromochloromethane	7.36	49	33842	20.872	ug/l	97
29) Tetrahydrofuran	7.38	42	49284	95.463	ug/l	100
30) Chloroform	7.53	83	68173	20.171	ug/l	99
31) Cyclohexane	7.81	56	73247	18.990	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	56766	19.928	ug/l	98
36) 1,1-Dichloropropene	7.94	75	55976	19.422	ug/l	99
37) Ethyl Acetate	7.11	43	33603	20.060	ug/l	98
38) Carbon Tetrachloride	7.92	117	48208	19.580	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	74412	19.466	ug/l	98
40) Benzene	8.19	78	169537	19.846	ug/l	99
41) Methacrylonitrile	7.38	41	43996	58.361	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	45067	20.473	ug/l	99
43) Isopropyl Acetate	8.30	43	62048	19.565	ug/l	98
44) Trichloroethene	8.96	130	40656	19.541	ug/l	97
45) 1,2-Dichloropropane	9.24	63	43859	20.424	ug/l	99
46) Dibromomethane	9.33	93	21765	19.667	ug/l	99
47) Bromodichloromethane	9.52	83	51969	20.188	ug/l	97
48) Methyl methacrylate	9.31	41	28614	20.333	ug/l	98
49) 1,4-Dioxane	9.33	88	5444	359.013	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	169177	103.566	ug/l	100
52) Toluene	10.26	92	103667	19.976	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	56990	20.320	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	66586	19.943	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	31582	19.500	ug/l	97
56) Ethyl methacrylate	10.53	69	45995	19.375	ug/l	95
57) 1,3-Dichloropropane	10.81	76	57771	20.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	126433	137.947	ug/l	99
59) 2-Hexanone	10.85	43	109793	94.168	ug/l	99
60) Dibromochloromethane	11.00	129	33806	19.809	ug/l	99
61) 1,2-Dibromoethane	11.11	107	29672	19.341	ug/l	99
64) Tetrachloroethene	10.74	164	33459	19.800	ug/l	92
65) Chlorobenzene	11.53	112	106029	19.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	35160	19.969	ug/l	99
67) Ethyl Benzene	11.61	91	195948	19.568	ug/l	97
68) m/p-Xylenes	11.72	106	146684	39.622	ug/l	99
69) o-Xylene	12.05	106	68998	19.774	ug/l	100
70) Styrene	12.06	104	119926	20.067	ug/l	100
71) Bromoform	12.22	173	18585	19.463	ug/l #	99
73) Isopropylbenzene	12.34	105	183986	19.621	ug/l	99
74) N-amyl acetate	12.16	43	55419	19.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39174	19.373	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	50370	34.559	ug/l #	100
77) Bromobenzene	12.63	156	39759	20.013	ug/l	97
78) n-propylbenzene	12.69	91	230346	19.912	ug/l	99
79) 2-Chlorotoluene	12.77	91	126281	19.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	152587	19.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13085	18.134	ug/l	94
82) 4-Chlorotoluene	12.87	91	134024	20.140	ug/l	100
83) tert-Butylbenzene	13.09	119	126907	19.793	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	151751	19.809	ug/l	99
85) sec-Butylbenzene	13.27	105	188044	19.898	ug/l	100
86) p-Isopropyltoluene	13.39	119	164572	20.187	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	78013	20.039	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	78463	19.867	ug/l	98
89) n-Butylbenzene	13.71	91	167213	19.770	ug/l	99
90) Hexachloroethane	13.98	117	30192	19.631	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	70494	19.932	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5889	18.663	ug/l	95

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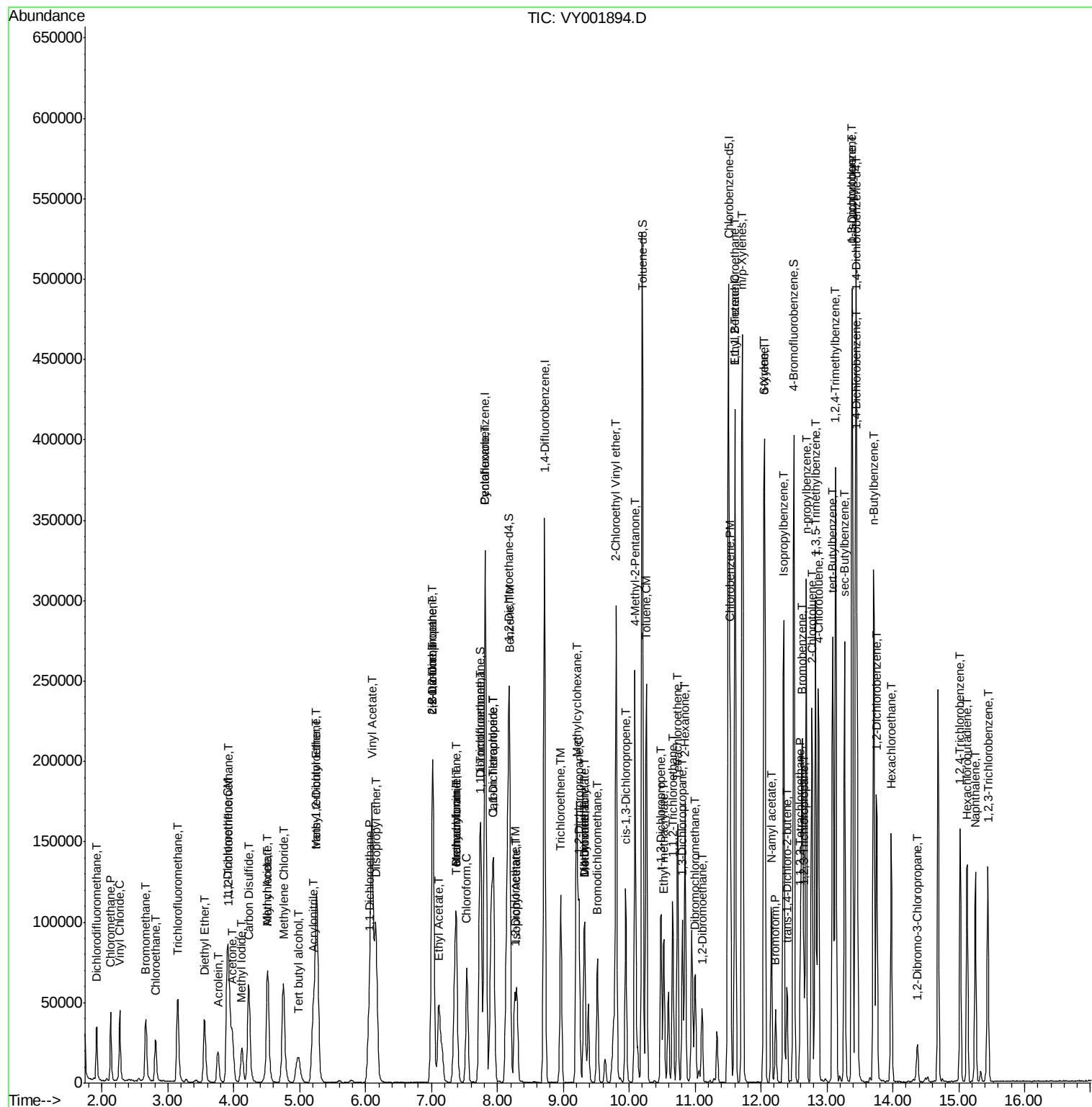
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46139	20.116	ug/l	99
94) Hexachlorobutadiene	15.13	225	22245	19.893	ug/l	98
95) Naphthalene	15.25	128	102268	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40999	20.291	ug/l	98

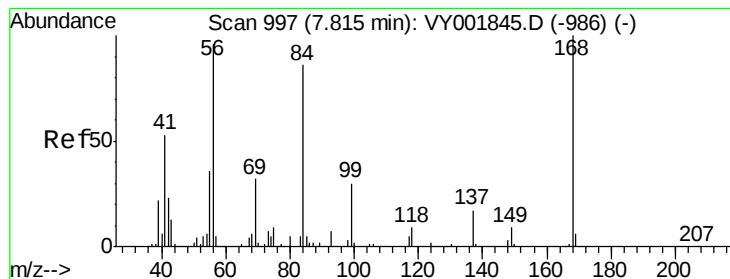
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

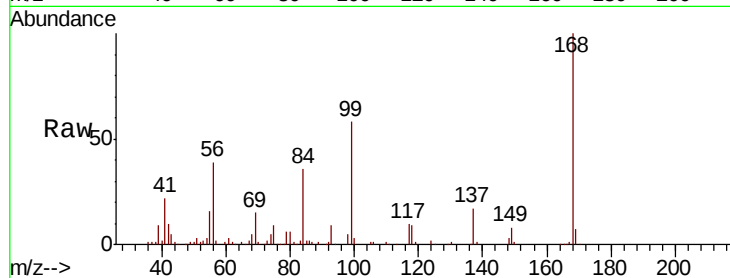
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 164413

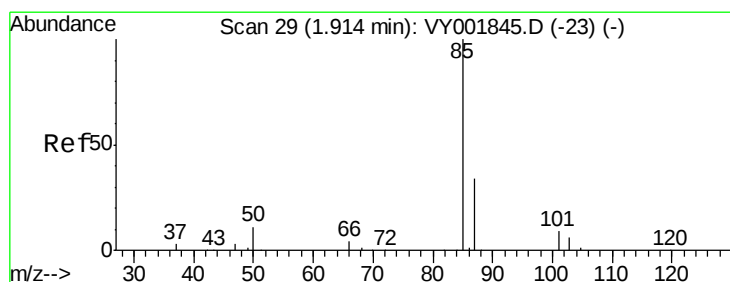
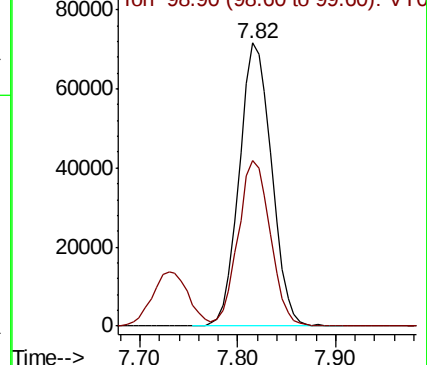
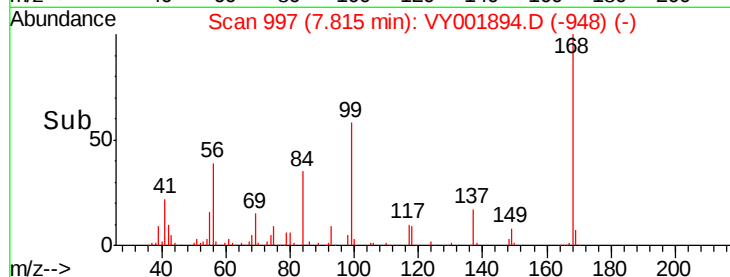
Ion Ratio Lower Upper

168 100

99 58.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001894.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 18.419 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001894.D

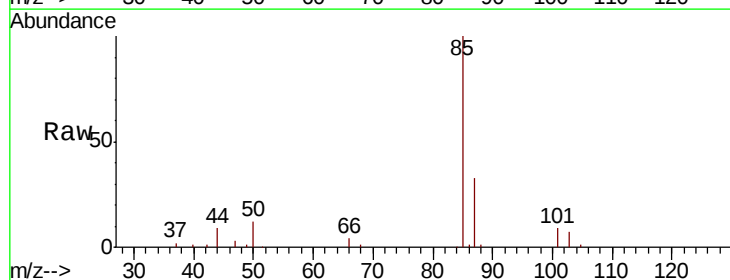
Acq: 06 Mar 2020 12:19

Tgt Ion: 85 Resp: 27954

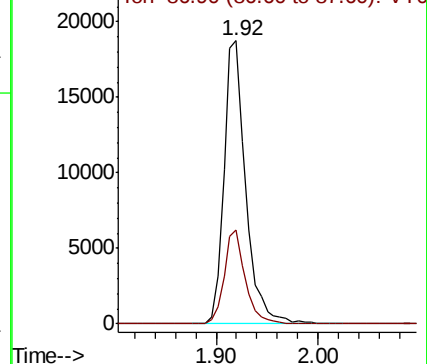
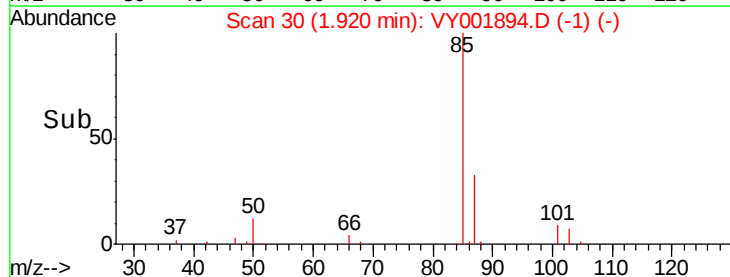
Ion Ratio Lower Upper

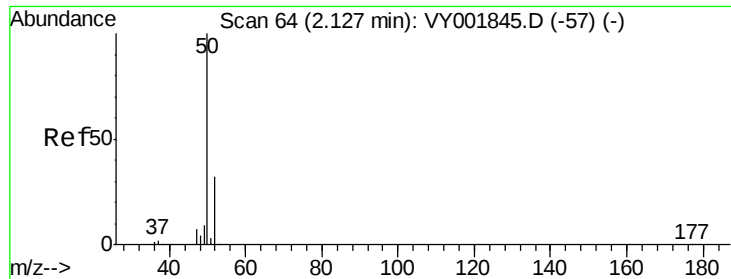
85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001894.D (-1) (-)





#3

Chloromethane

Concen: 20.244 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

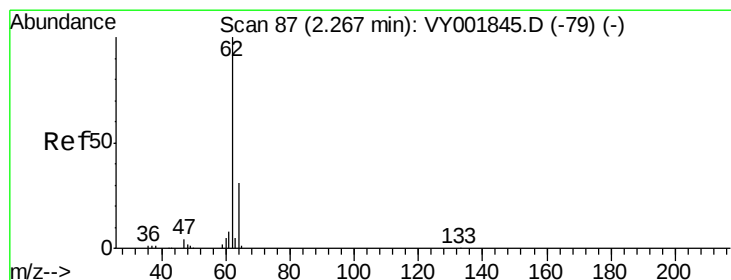
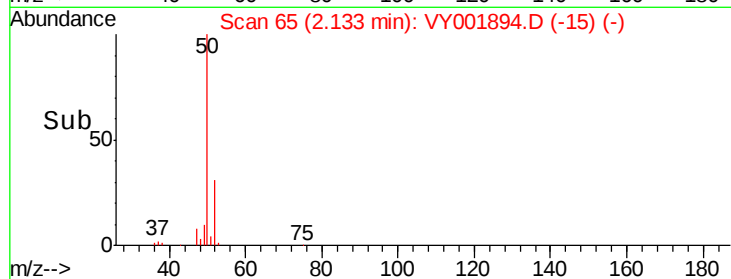
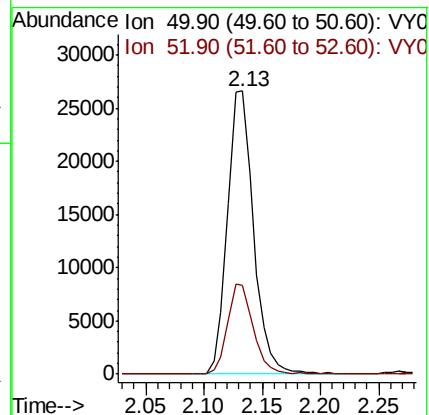
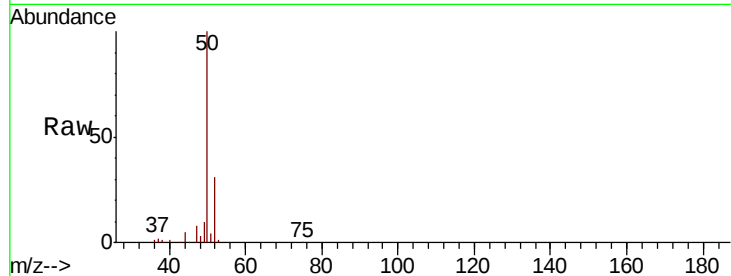
ClientSampleId :

Tot Ion: 50 Resp: 41422

Ion Ratio Lower Upper

50 100

52 31.4 25.8 38.6



#4

Vinyl Chloride

Concen: 19.285 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001894.D

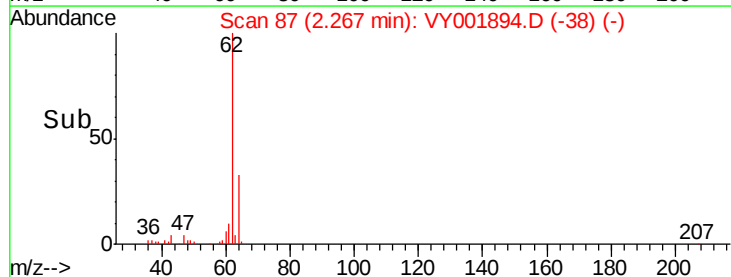
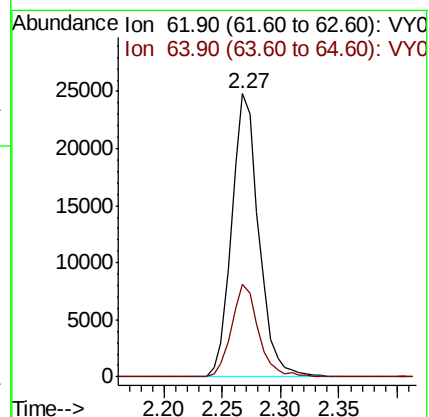
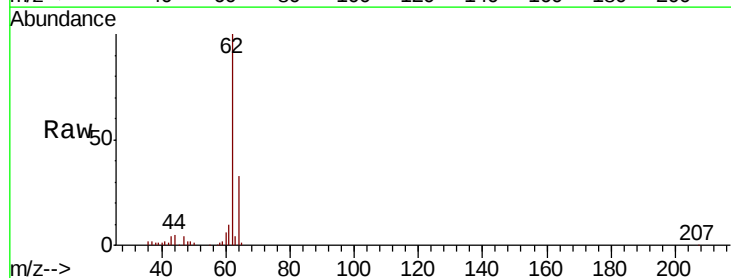
Acq: 06 Mar 2020 12:19

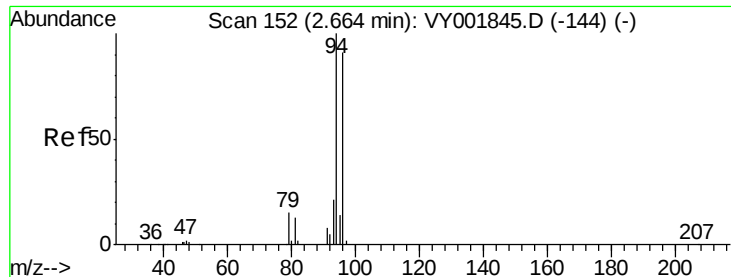
Tgt Ion: 62 Resp: 40137

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 19.497 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

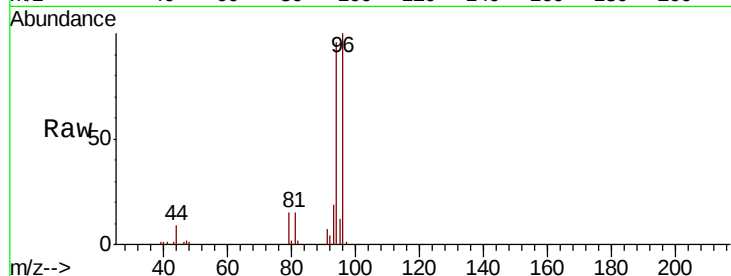
ClientSampleId :

Tot Ion: 94 Resp: 28041

Ion Ratio Lower Upper

94 100

96 104.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

15000

10000

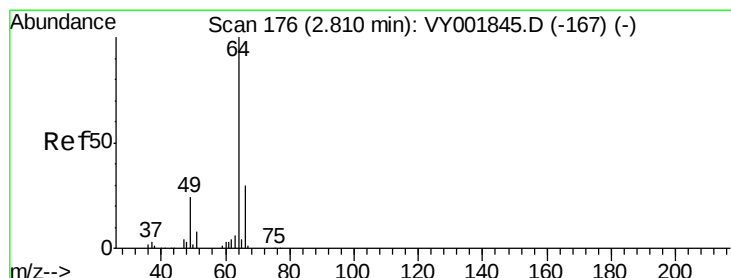
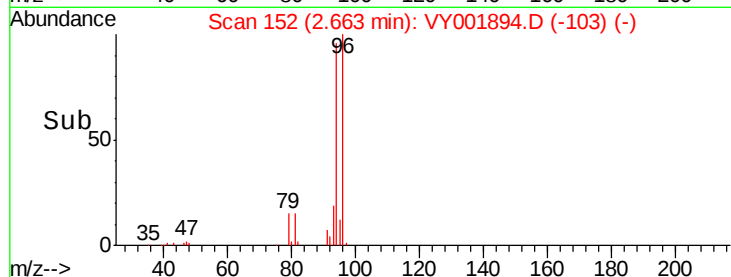
5000

0

2.66

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 20.246 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001894.D

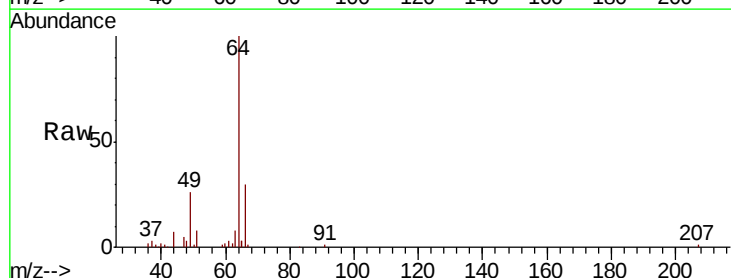
Acq: 06 Mar 2020 12:19

Tgt Ion: 64 Resp: 26470

Ion Ratio Lower Upper

64 100

66 29.9 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

10000

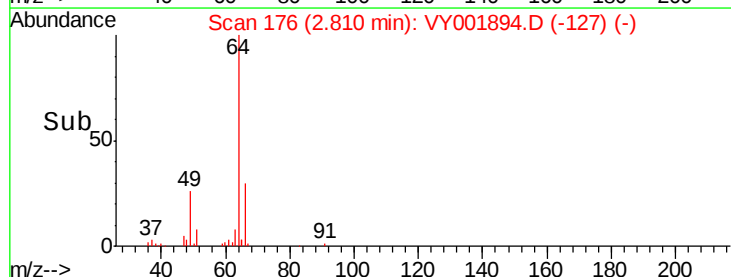
5000

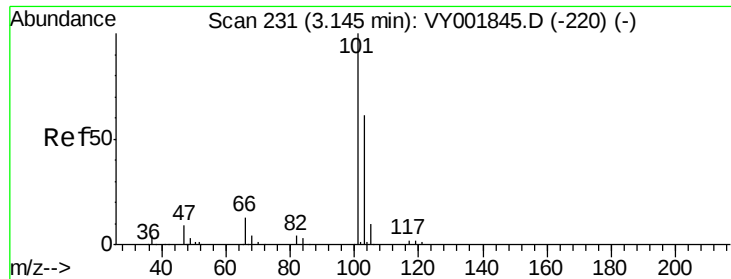
0

2.81

2.70 2.80 2.90

Time-->



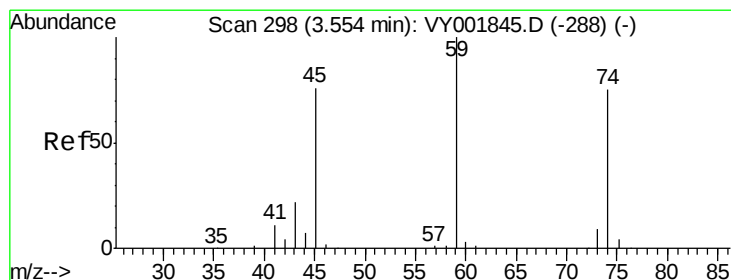
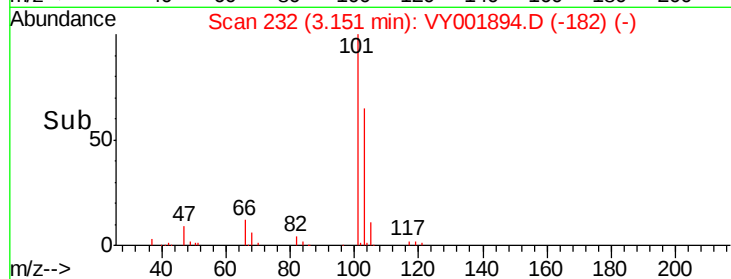
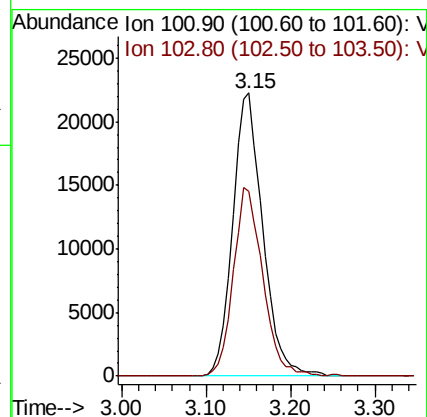
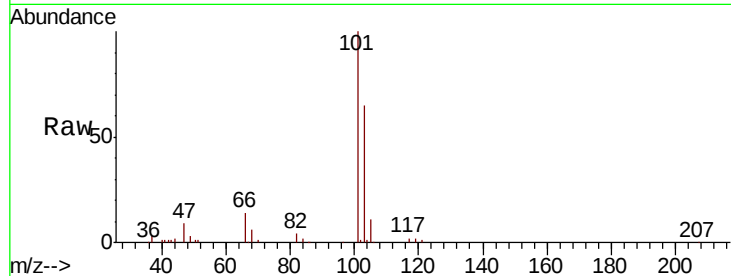


#7

Trichlorofluoromethane
Concen: 19.078 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

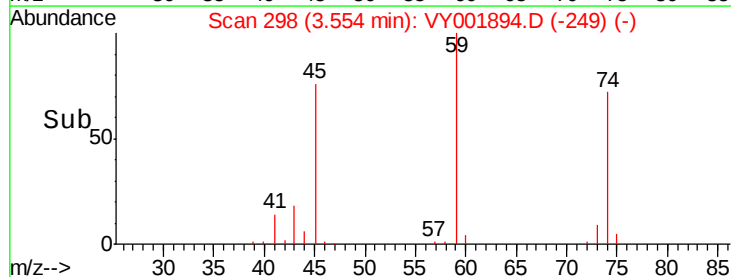
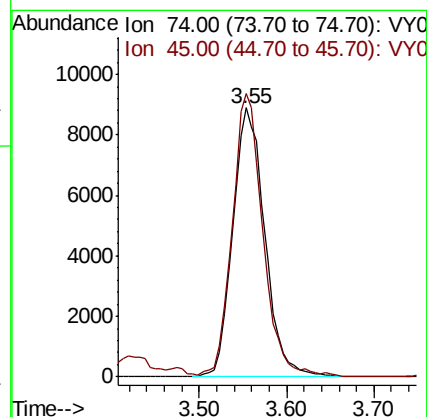
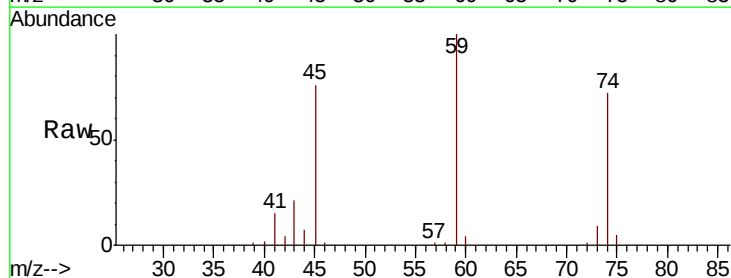
Tot Ion:101 Resp: 53851
Ion Ratio Lower Upper
101 100
103 65.3 49.1 73.7



#8

Diethyl Ether
Concen: 20.313 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 74 Resp: 22598
Ion Ratio Lower Upper
74 100
45 101.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.820 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

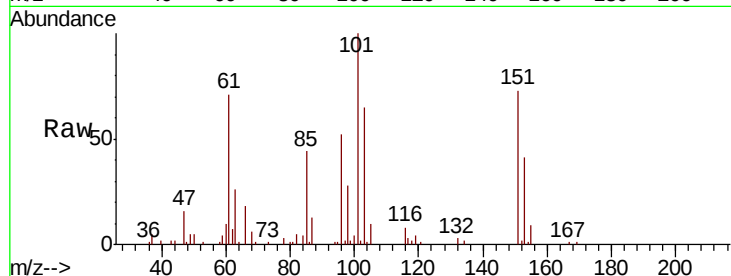
Tot Ion:101 Resp: 35983

Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

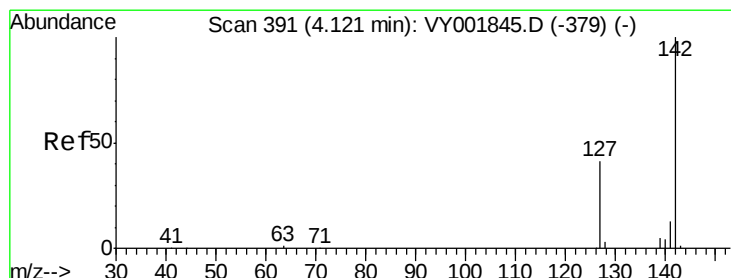
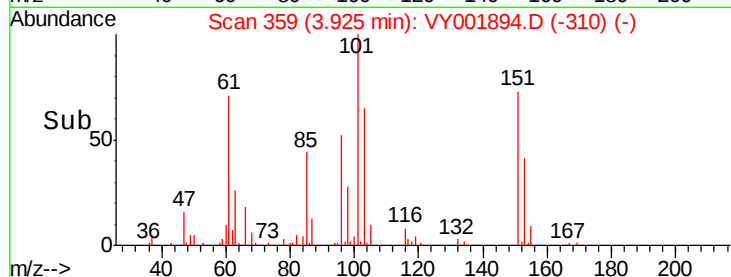
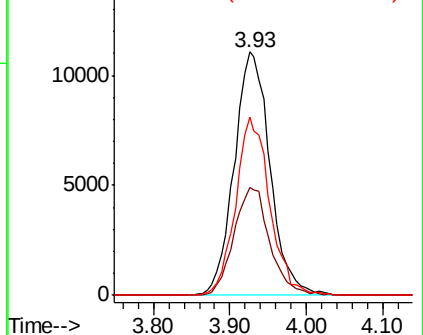
151 69.8 57.0 85.4



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: 17.744 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

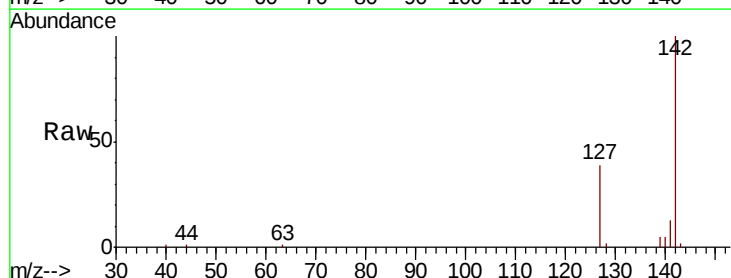
Tgt Ion:142 Resp: 37254

Ion Ratio Lower Upper

142 100

127 41.5 32.7 49.1

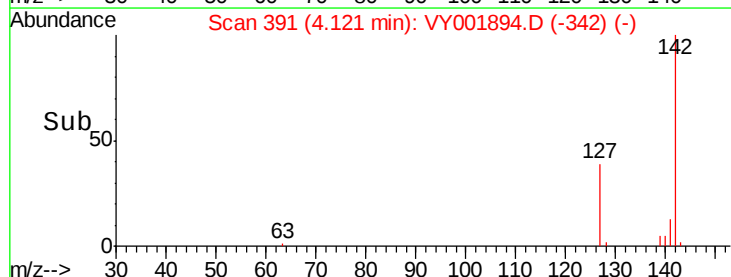
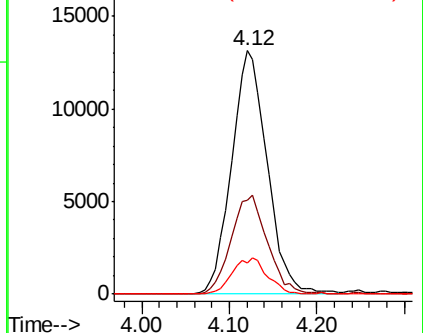
141 14.5 11.0 16.6

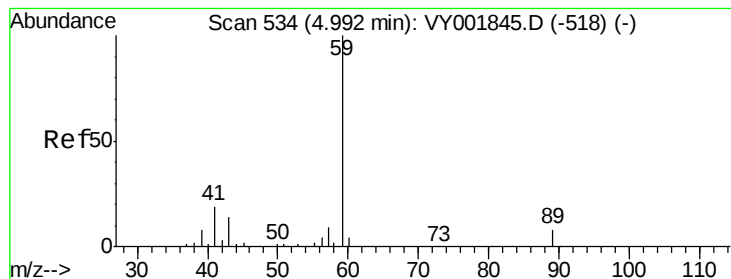


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



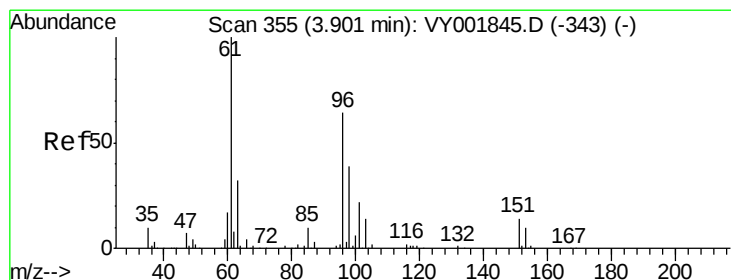
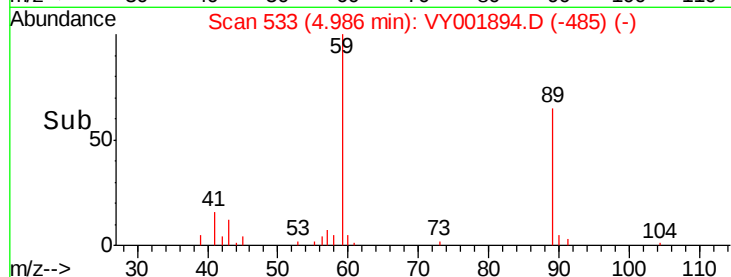
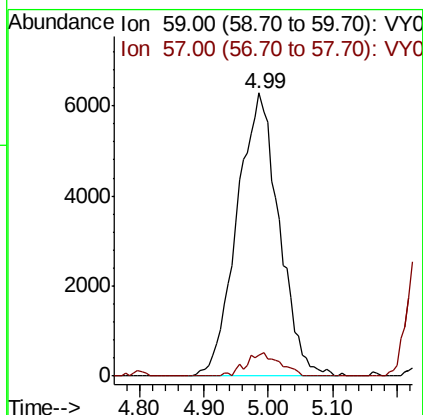
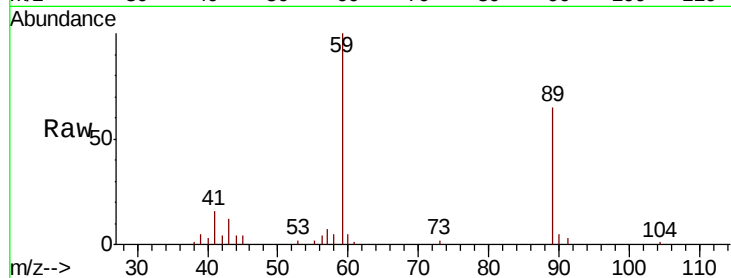


#11

Tert butyl alcohol
 Concen: 145.593 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

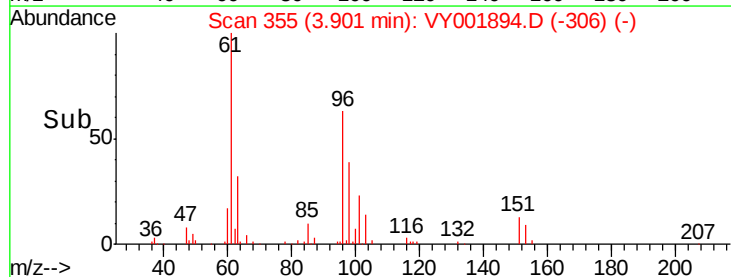
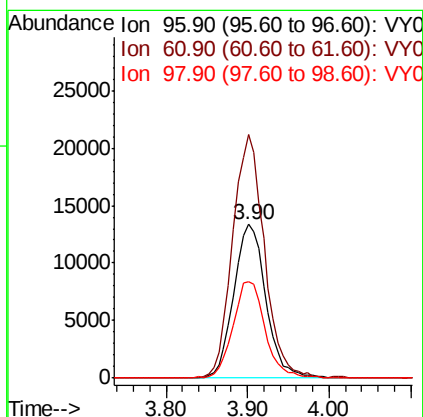
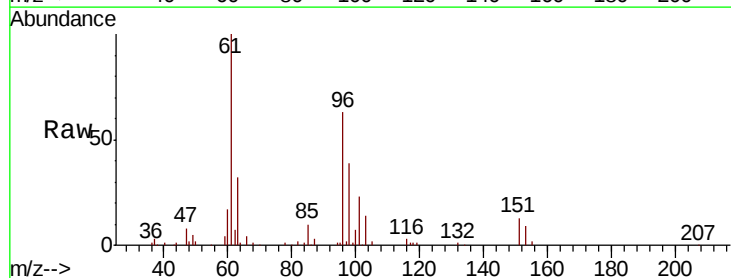
Tot Ion: 59 Resp: 28316
 Ion Ratio Lower Upper
 59 100
 57 6.6 7.4 11.2#

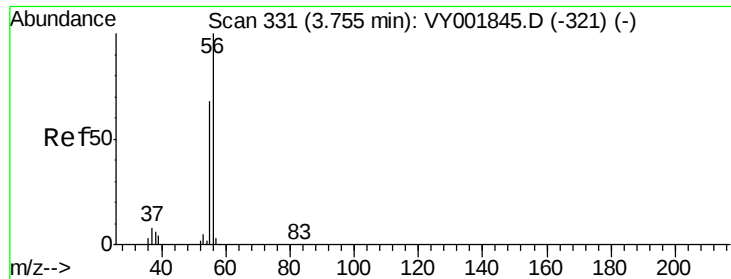


#12

1,1-Dichloroethene
 Concen: 19.935 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 96 Resp: 36441
 Ion Ratio Lower Upper
 96 100
 61 158.3 124.8 187.2
 98 62.4 49.2 73.8

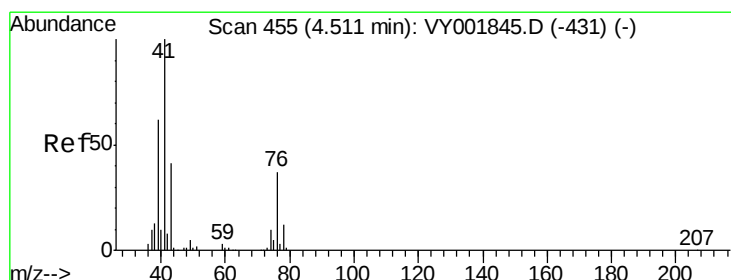
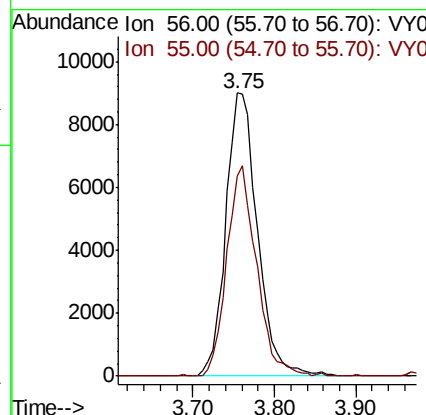
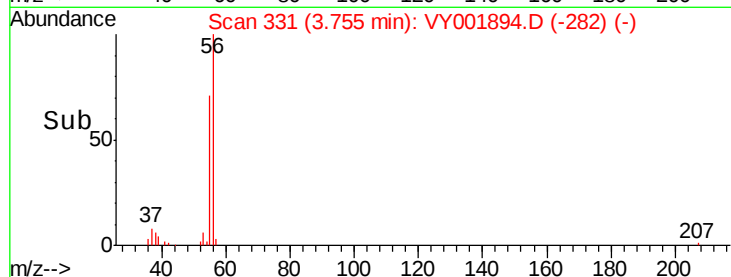
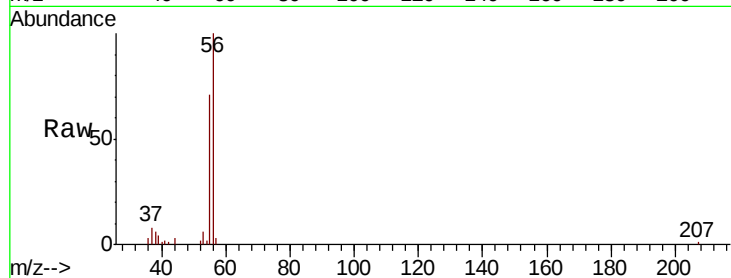




#13
Acrolein
Concen: 97.863 ug/l
RT: 3.75 min Scan# 331
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

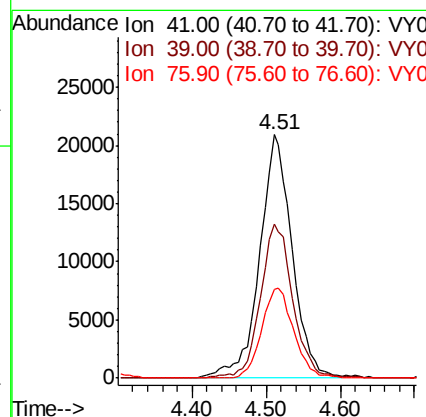
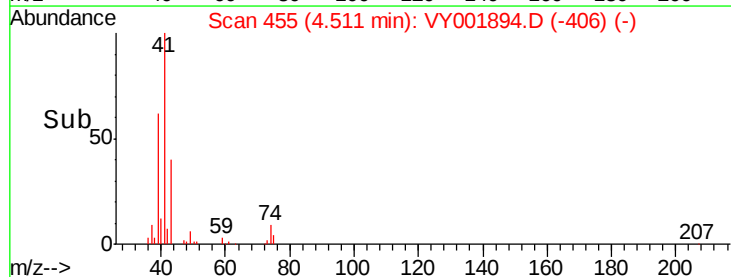
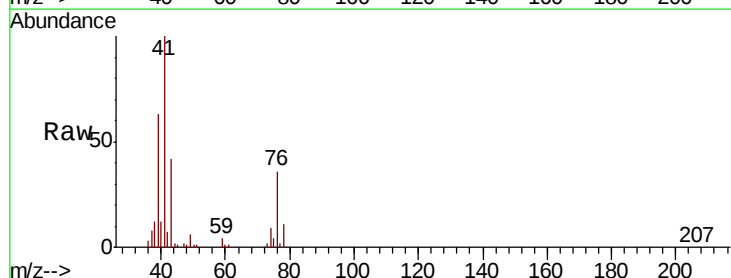
Instrument :
MSVOA_Y
ClientSampleId :

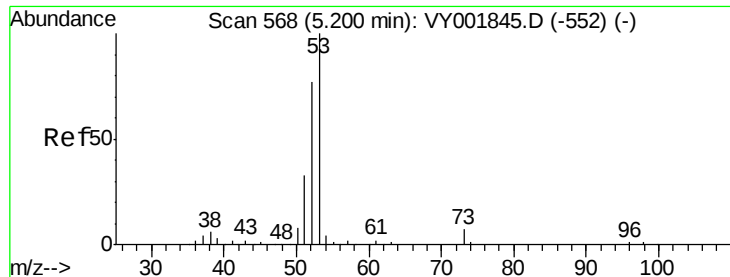
Tot Ion: 56 Resp: 24138
Ion Ratio Lower Upper
56 100
55 70.0 54.0 81.0



#14
Allyl chloride
Concen: 19.726 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 41 Resp: 63926
Ion Ratio Lower Upper
41 100
39 63.0 49.0 73.6
76 36.4 28.9 43.3





#15

Acrylonitrile

Concen: 97.755 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

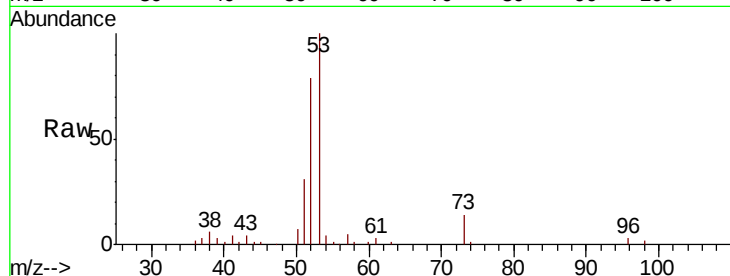
Tot Ion: 53 Resp: 58112

Ion Ratio Lower Upper

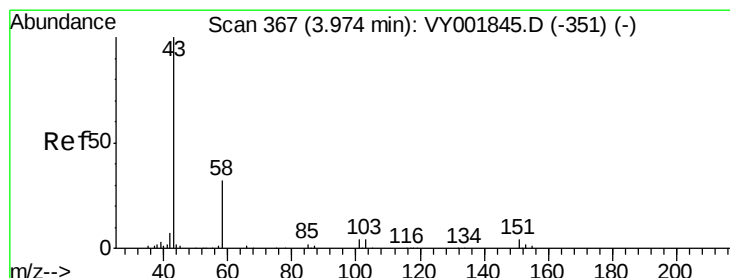
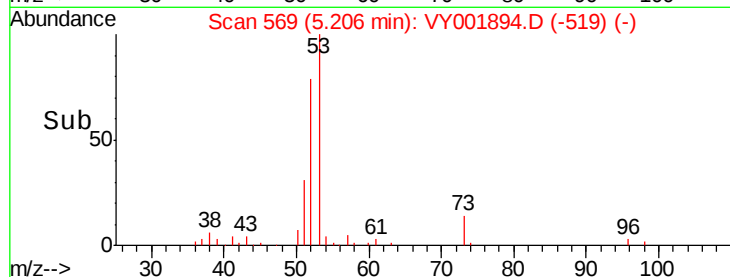
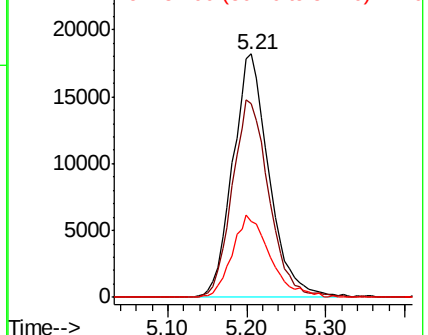
53 100

52 82.1 65.1 97.7

51 35.4 27.5 41.3



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: 91.304 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY001894.D

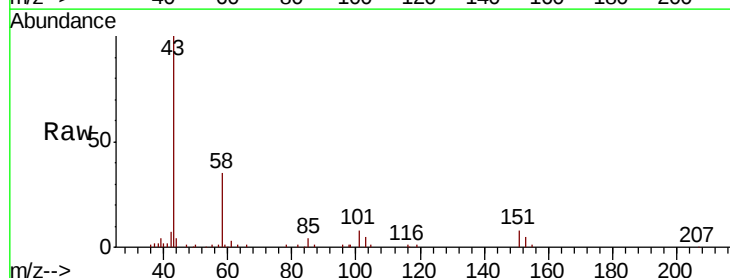
Acq: 06 Mar 2020 12:19

Tgt Ion: 43 Resp: 46677

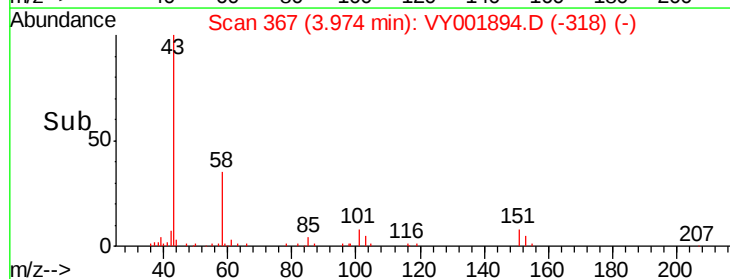
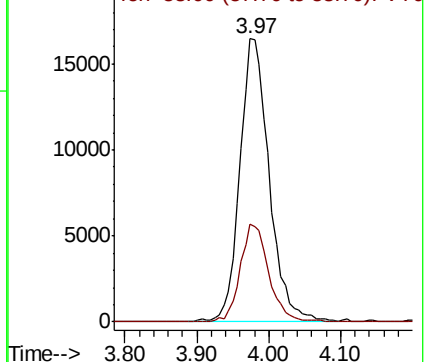
Ion Ratio Lower Upper

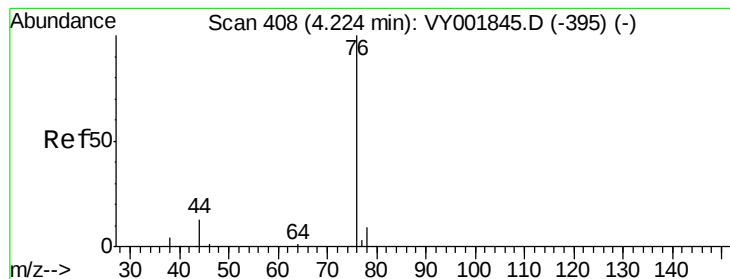
43 100

58 34.6 25.9 38.9



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





#17

Carbon Disulfide

Concen: 19.157 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

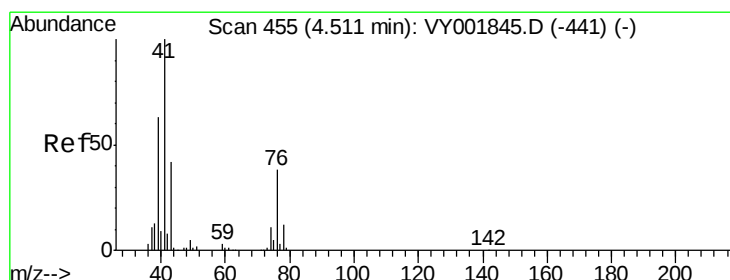
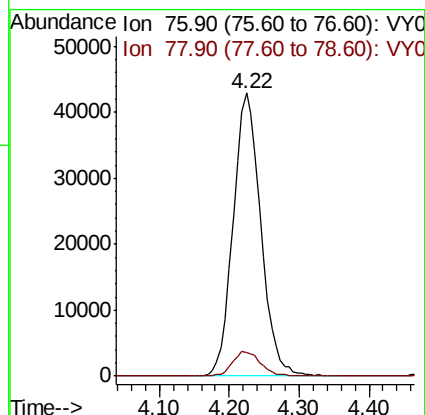
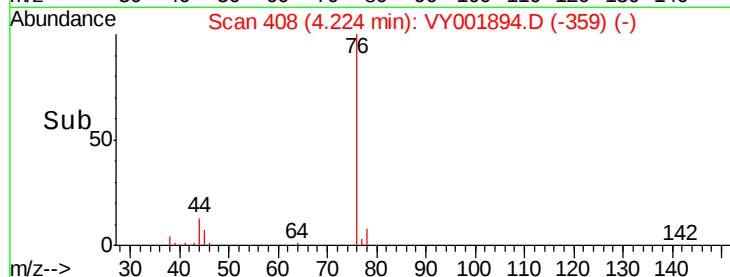
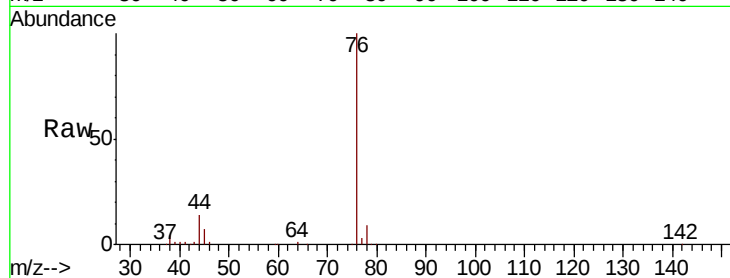
ClientSampleId :

Tot Ion: 76 Resp: 117720

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



#18

Methyl Acetate

Concen: 19.598 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001894.D

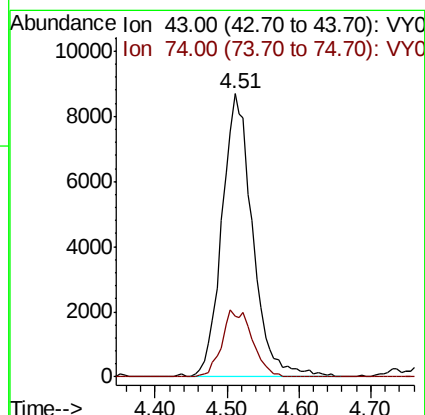
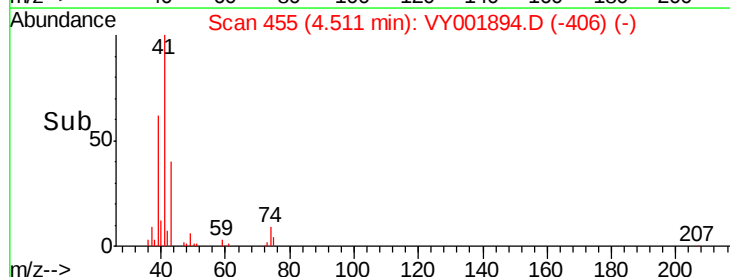
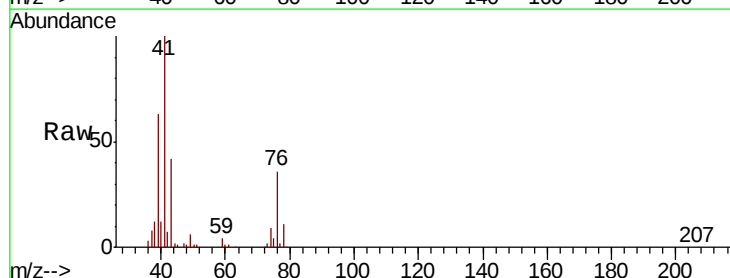
Acq: 06 Mar 2020 12:19

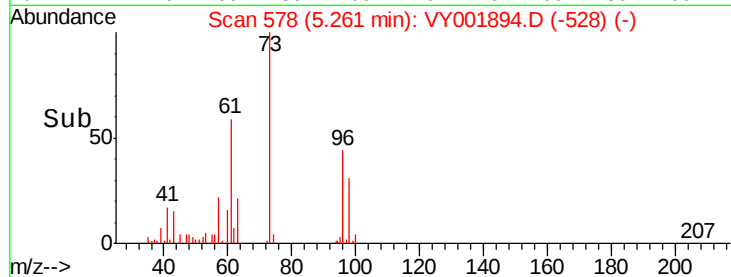
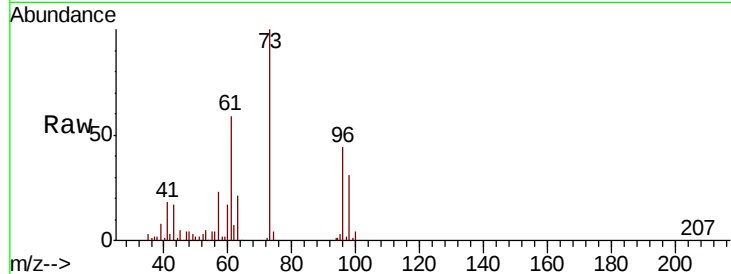
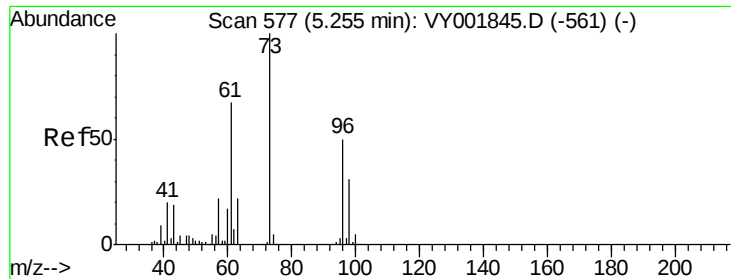
Tgt Ion: 43 Resp: 25743

Ion Ratio Lower Upper

43 100

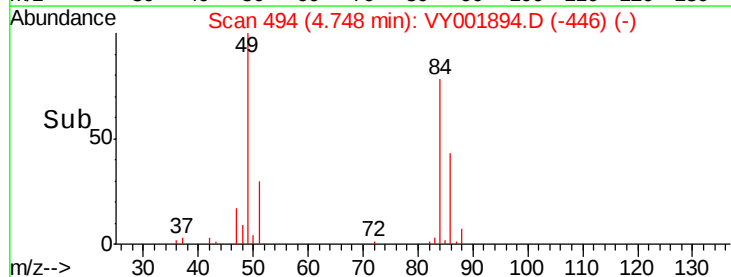
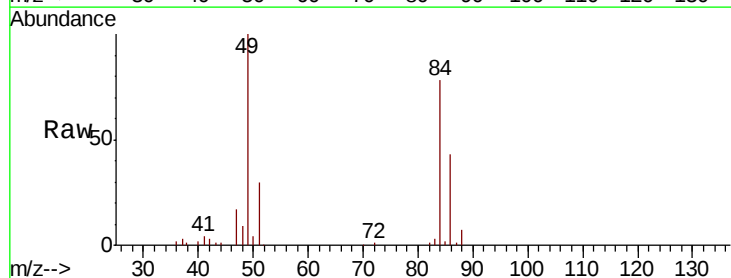
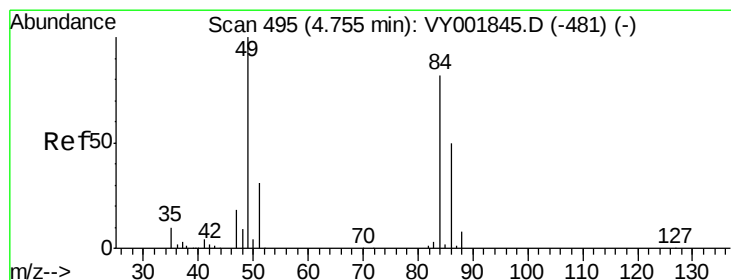
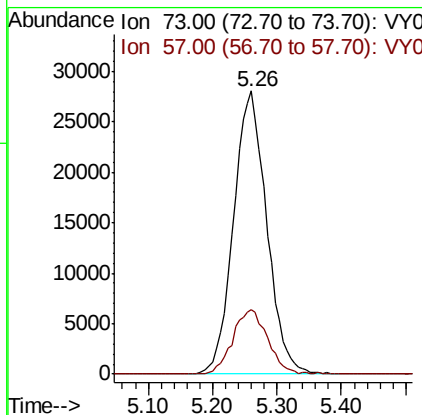
74 23.3 19.0 28.6





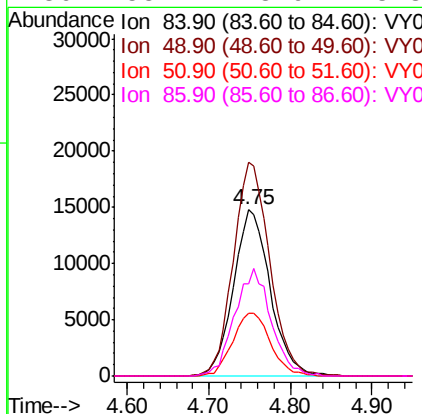
#19
Methyl tert-butyl Ether
Concen: 20.189 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tot Ion: 73 Resp: 100012
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2



#20
Methylene Chloride
Concen: 21.038 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 84 Resp: 46094
Ion Ratio Lower Upper
84 100
49 128.6 98.2 147.2
51 38.1 30.2 45.2
86 55.7 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.669 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampled :

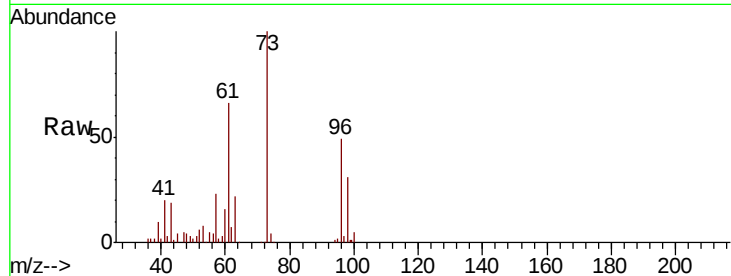
Tot Ion: 96 Resp: 40809

Ion Ratio Lower Upper

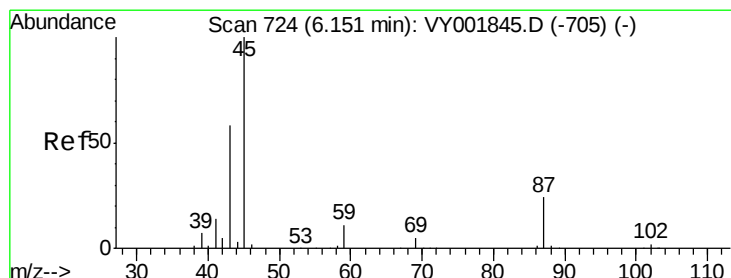
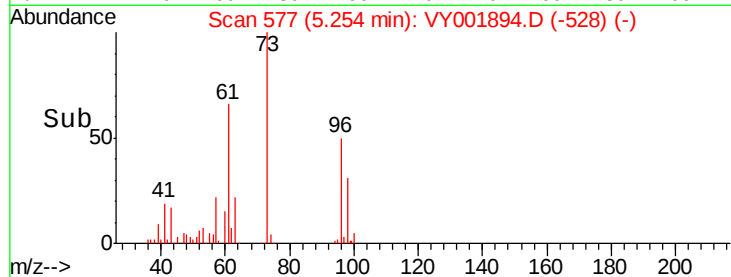
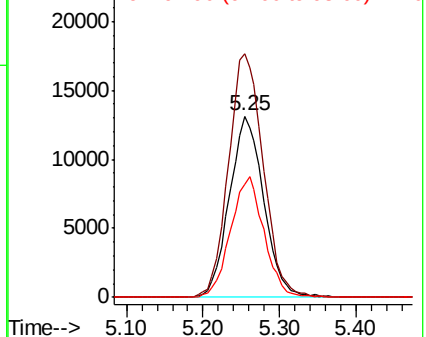
96 100

61 134.3 107.7 161.5

98 62.2 49.3 73.9



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: 20.327 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Tgt Ion: 45 Resp: 135025

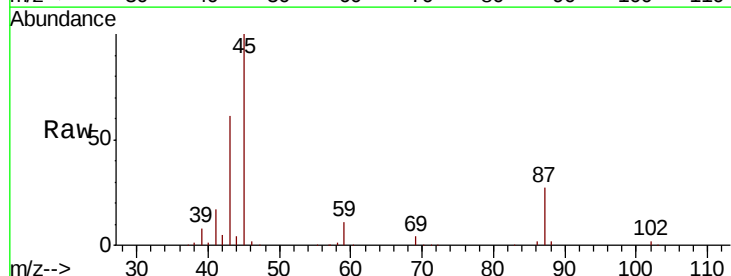
Ion Ratio Lower Upper

45 100

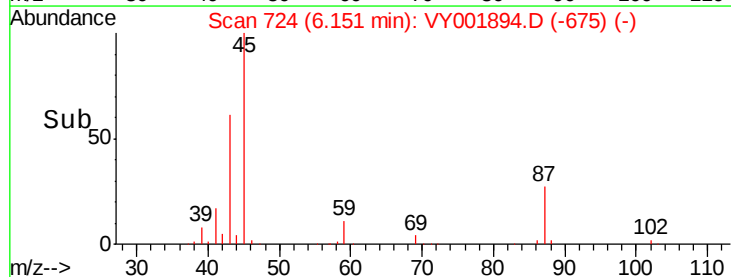
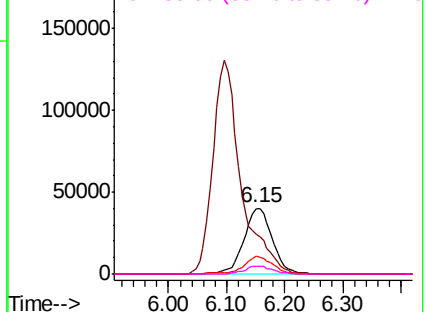
43 60.7 47.2 70.8

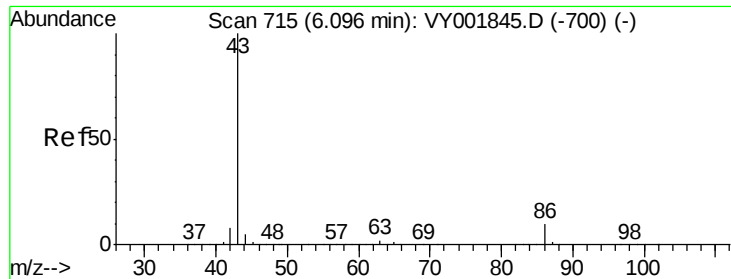
87 26.9 19.8 29.8

59 11.2 8.8 13.2



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: 100.308 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

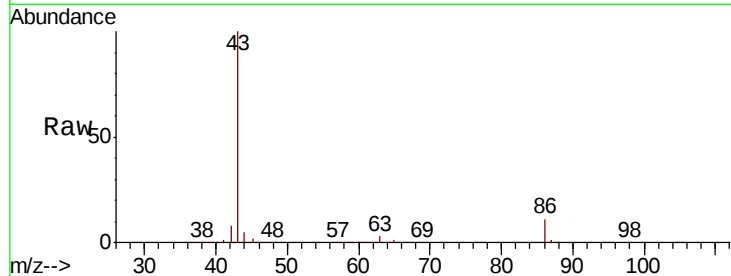
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 436821

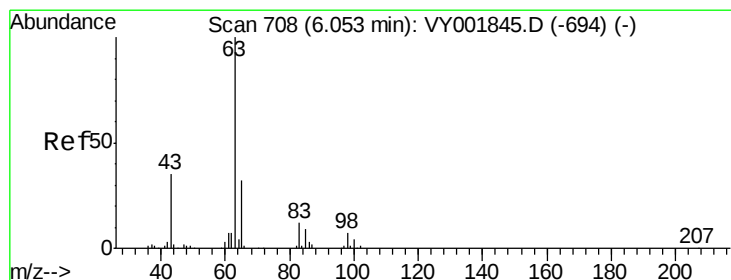
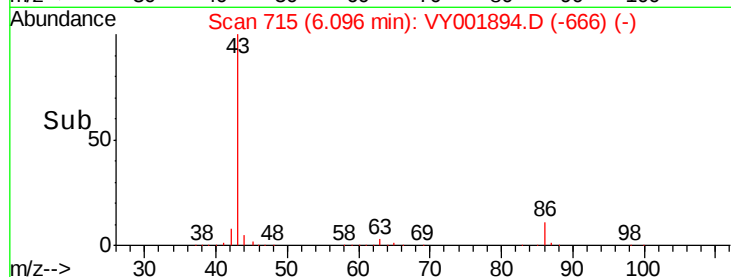
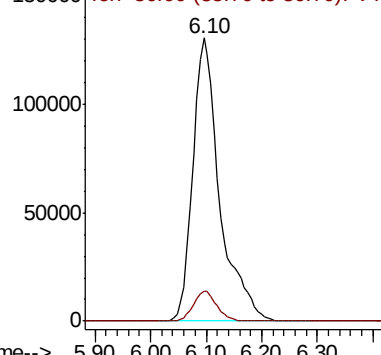
Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.005 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

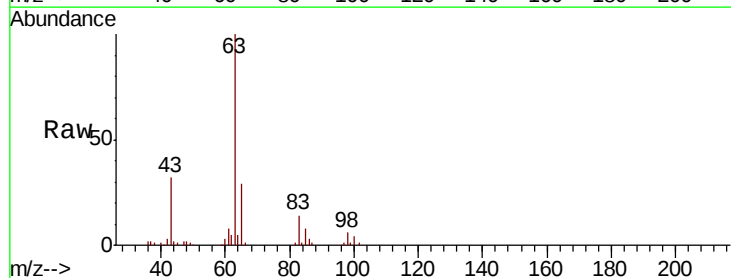
Tgt Ion: 63 Resp: 71962

Ion Ratio Lower Upper

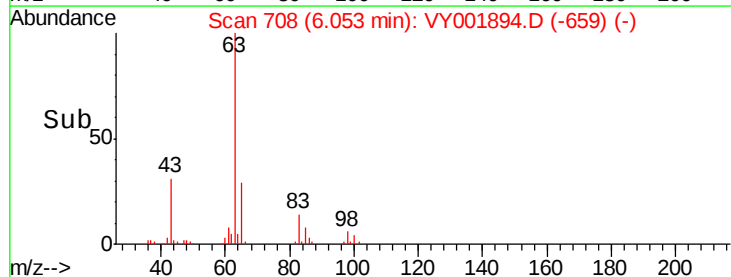
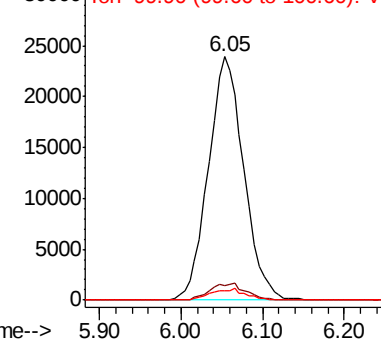
63 100

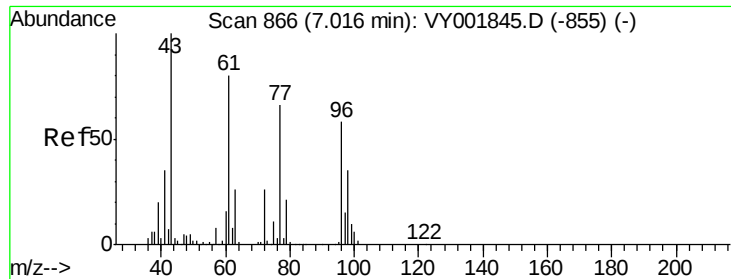
98 6.0 3.4 10.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 96.287 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

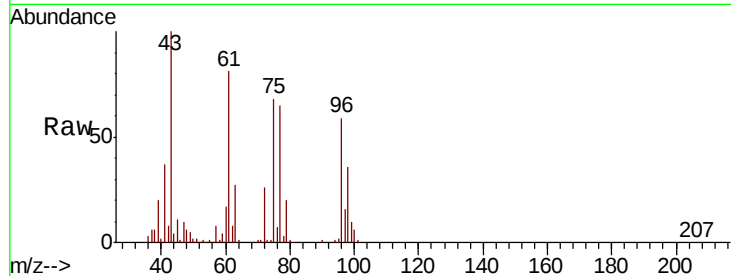
ClientSampled :

Tot Ion: 43 Resp: 74857

Ion Ratio Lower Upper

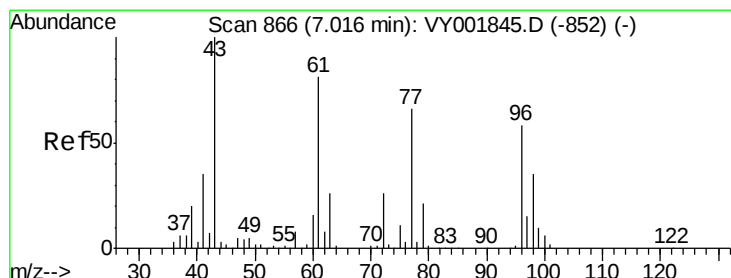
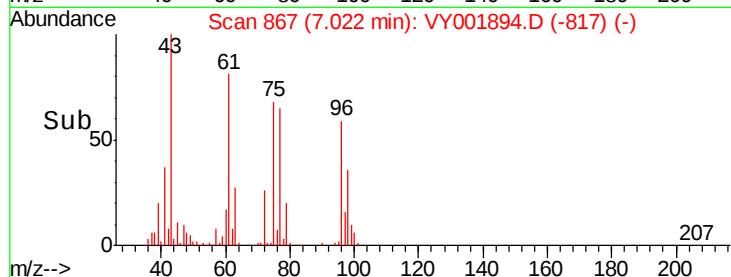
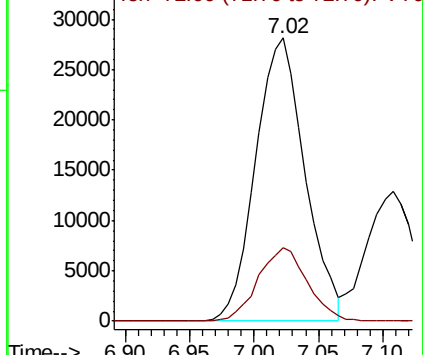
43 100

72 26.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.588 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001894.D

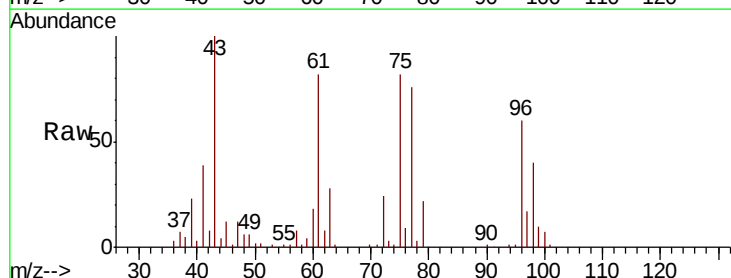
Acq: 06 Mar 2020 12:19

Tgt Ion: 77 Resp: 60786

Ion Ratio Lower Upper

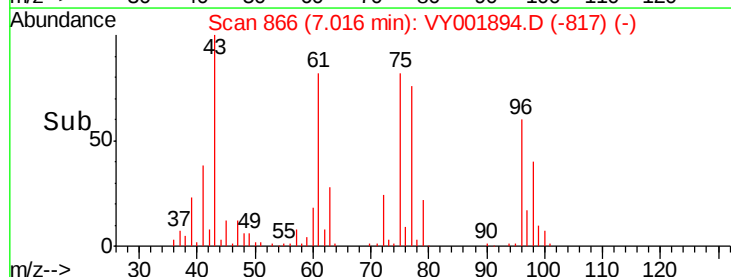
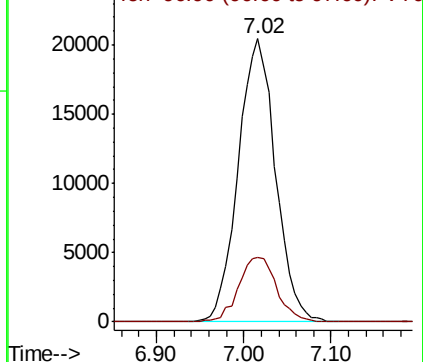
77 100

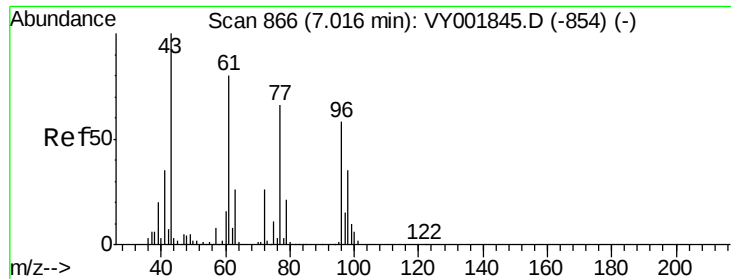
97 23.1 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



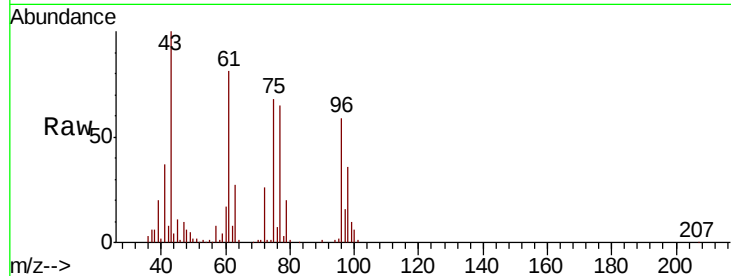


#27

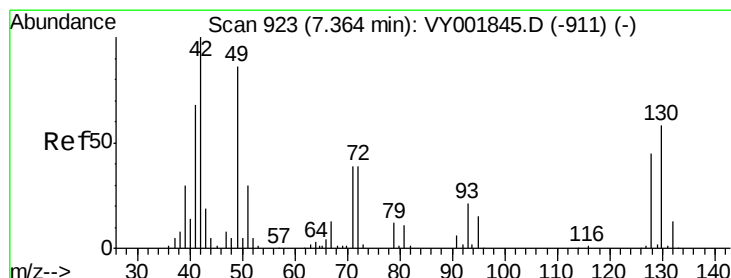
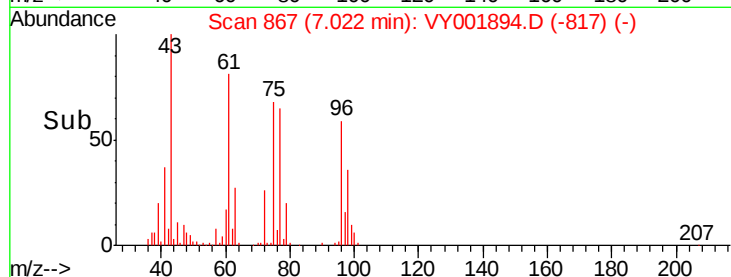
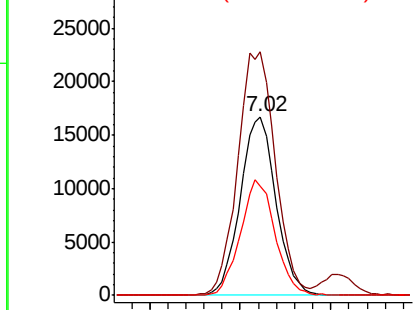
cis-1,2-Dichloroethene
 Concen: 20.218 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 45630
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 288.2
 98 62.5 0.0 129.0



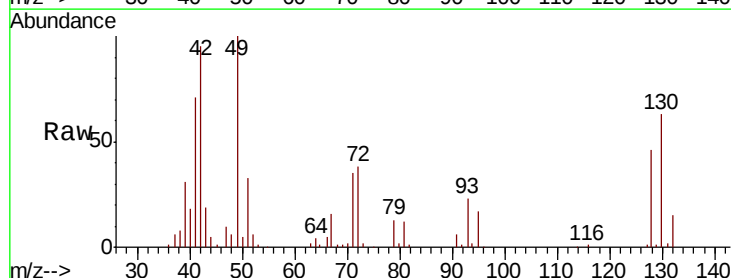
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



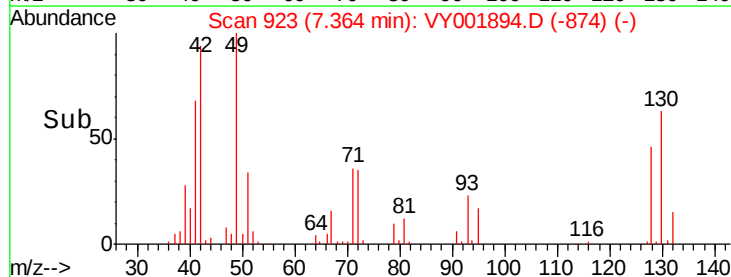
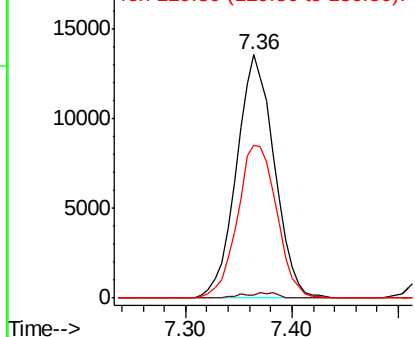
#28

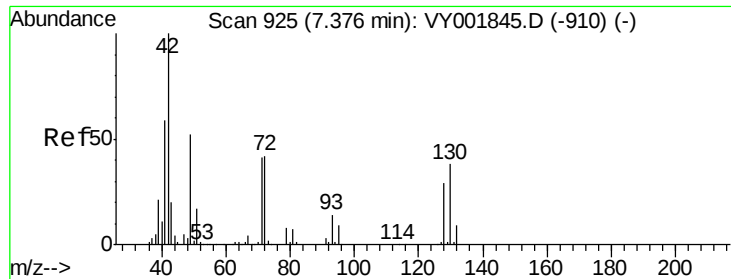
Bromochloromethane
 Concen: 20.872 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 49 Resp: 33842
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 65.2 54.4 81.6



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

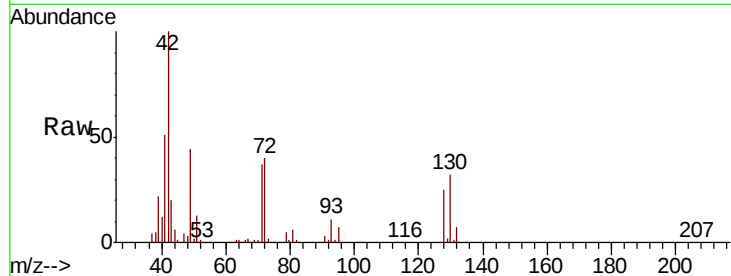




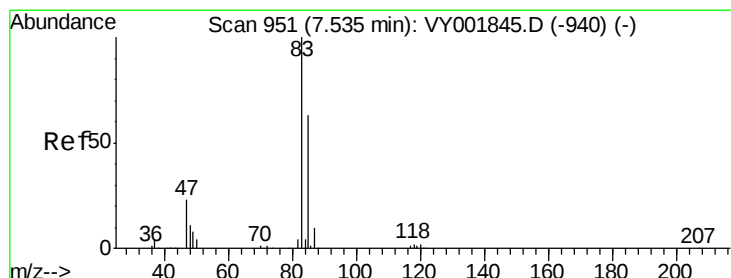
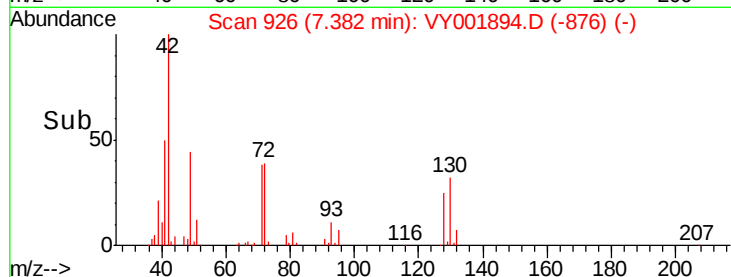
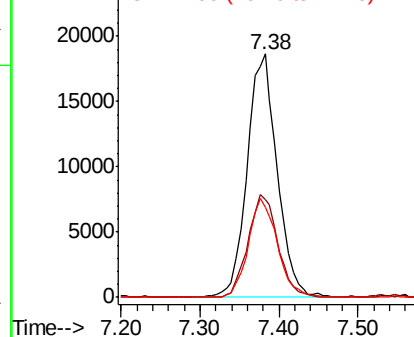
#29
Tetrahydrofuran
Concen: 95.463 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 49284
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 39.1 31.3 46.9

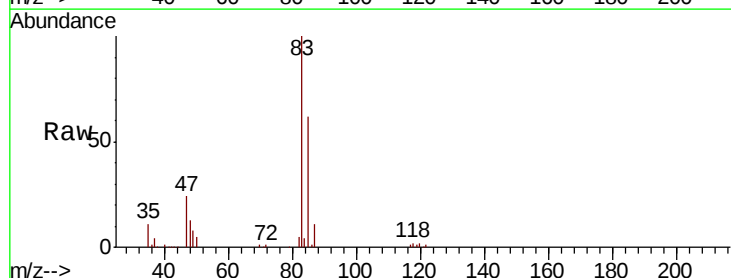


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

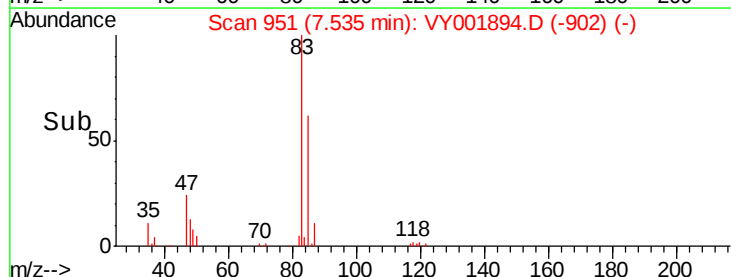
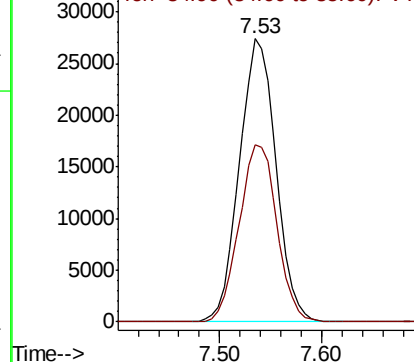


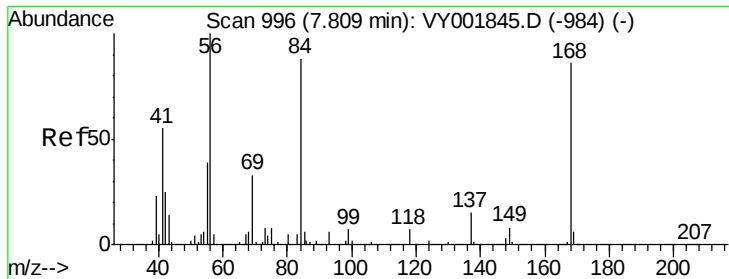
#30
Chloroform
Concen: 20.171 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 83 Resp: 68173
Ion Ratio Lower Upper
83 100
85 62.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

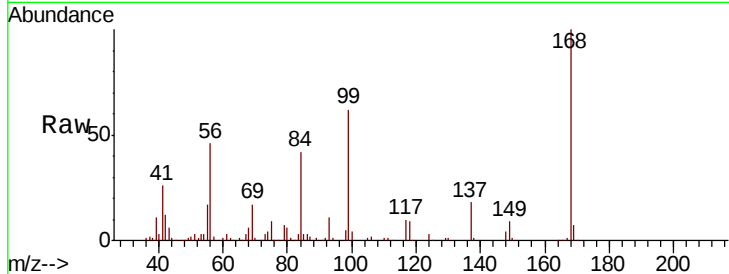




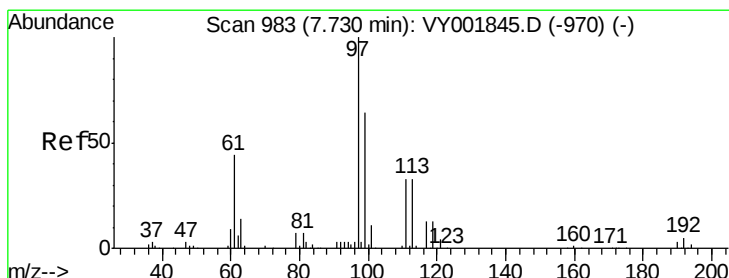
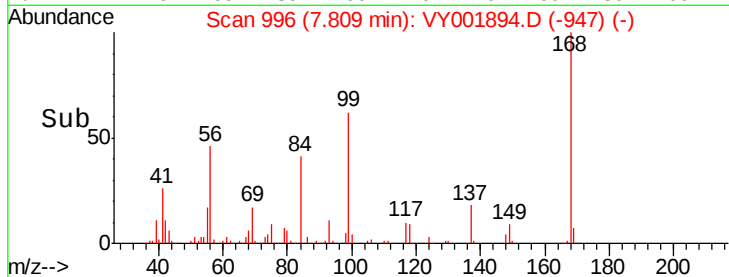
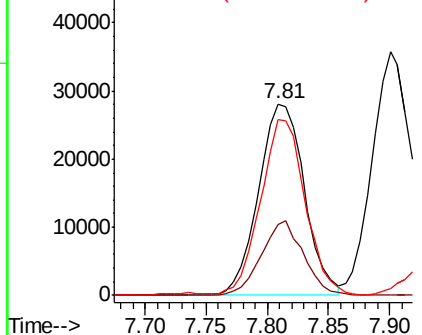
#31
Cyclohexane
Concen: 18.990 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 73247
Ion Ratio Lower Upper
56 100
69 37.1 26.7 40.1
84 90.1 70.4 105.6

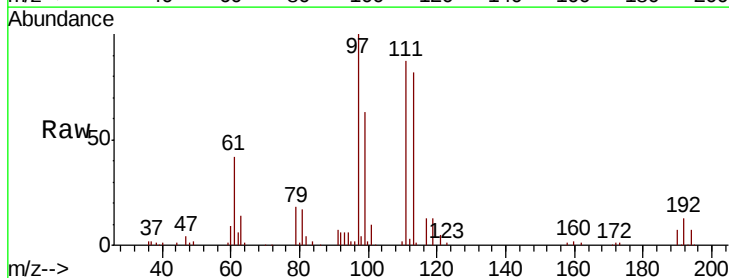


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

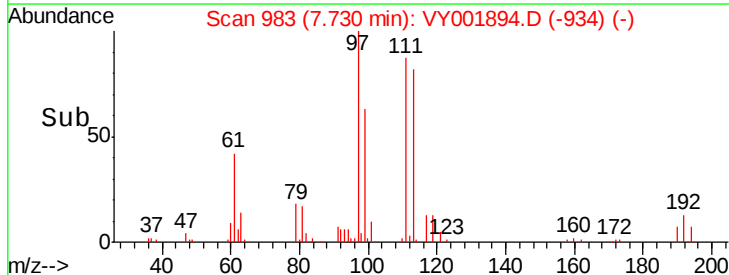
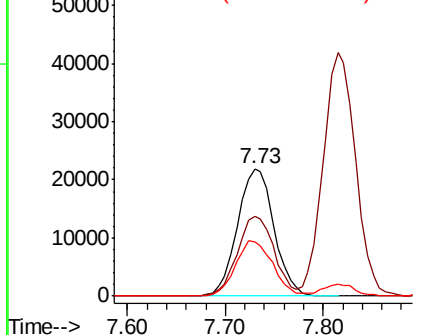


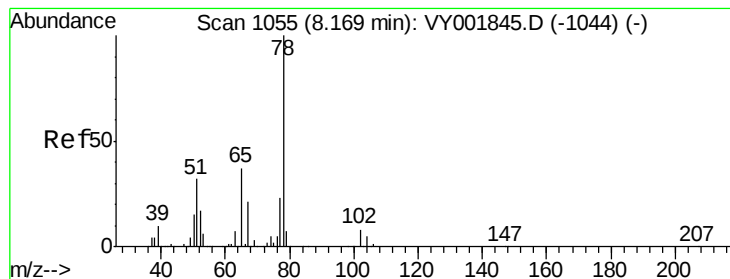
#32
1,1,1-Trichloroethane
Concen: 19.928 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 97 Resp: 56766
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 44.5 35.0 52.4



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: 50.548 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

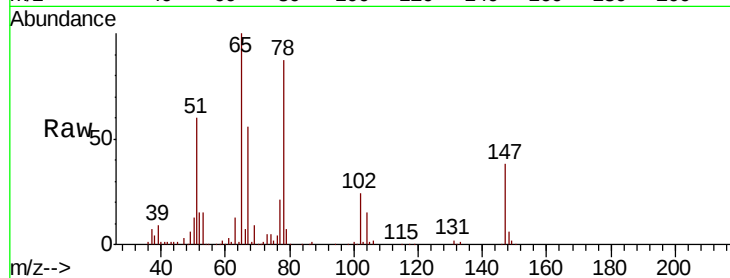
ClientSampleId :

Tot Ion: 65 Resp: 88722

Ion Ratio Lower Upper

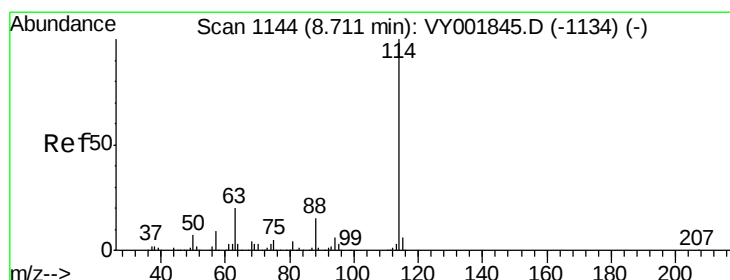
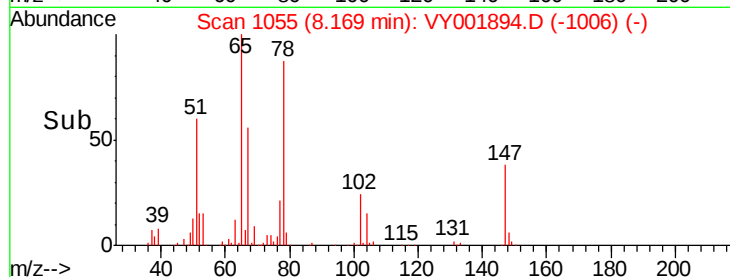
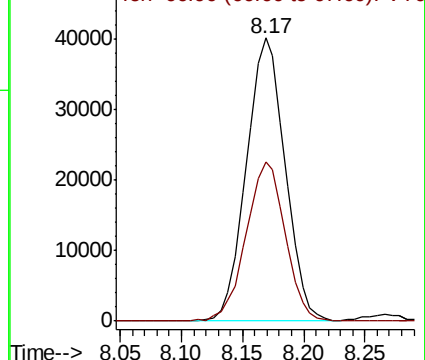
65 100

67 56.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

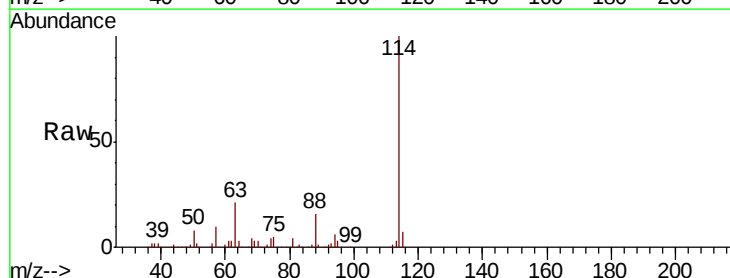
Tgt Ion: 114 Resp: 299504

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

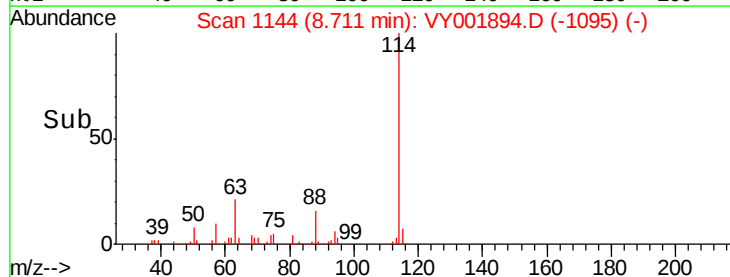
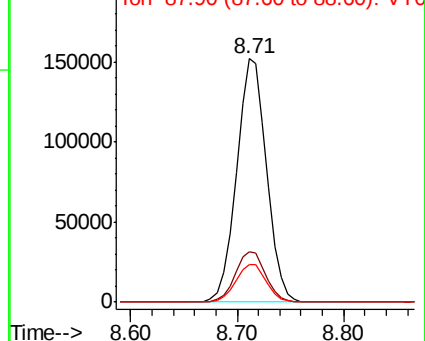
88 15.6 0.0 30.4

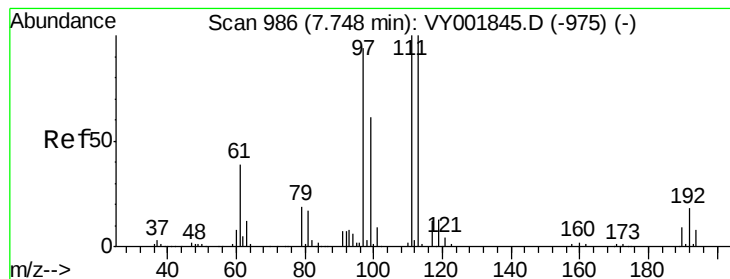


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.734 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampled :

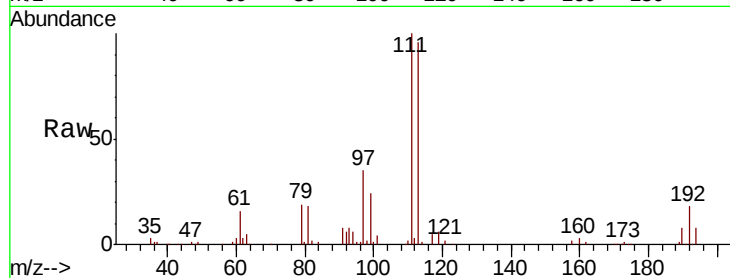
Tot Ion:113 Resp: 82971

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

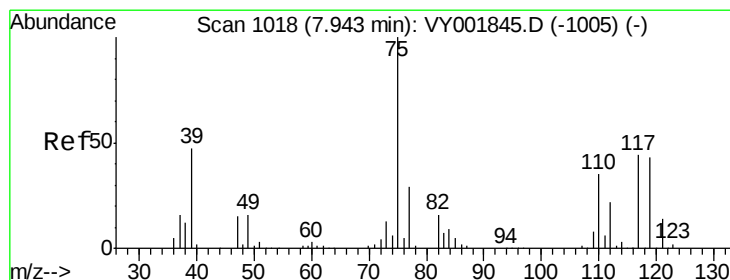
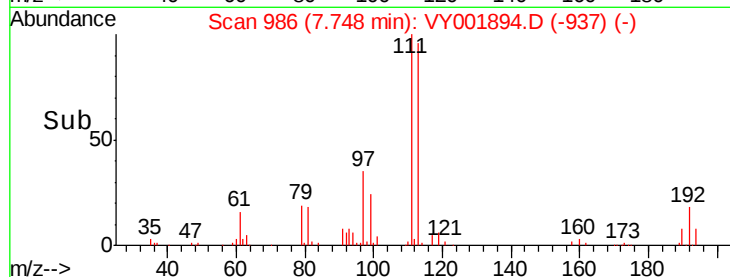
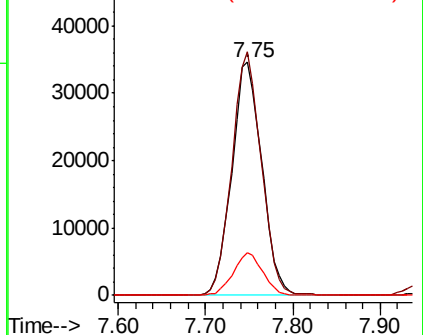
192 17.7 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.422 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

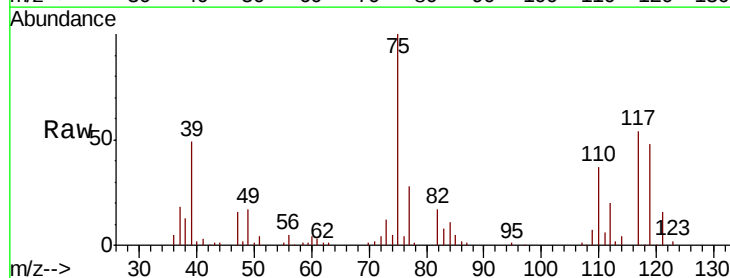
Tgt Ion: 75 Resp: 55976

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

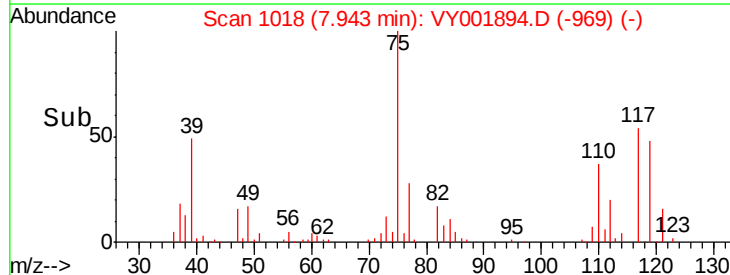
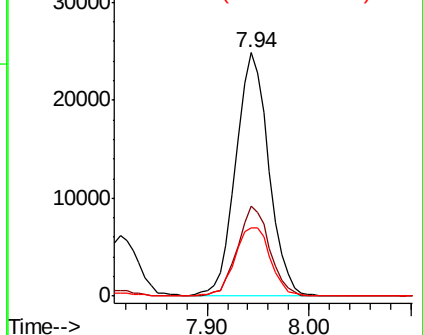
77 30.6 24.2 36.2

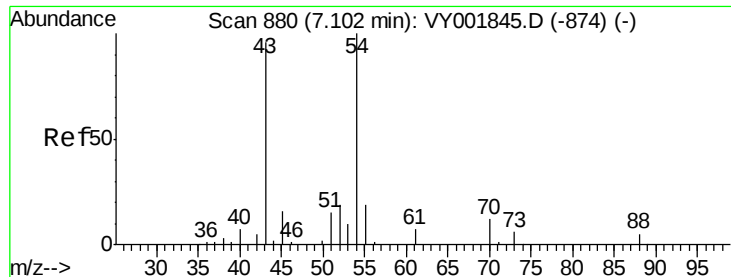


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

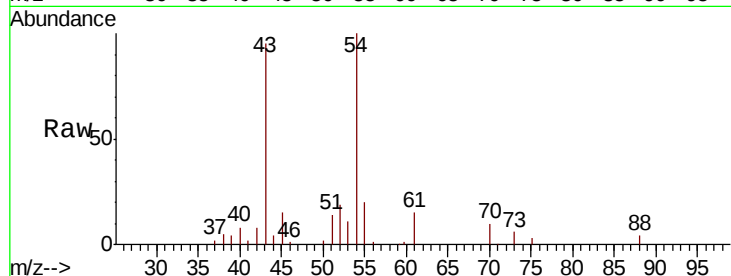




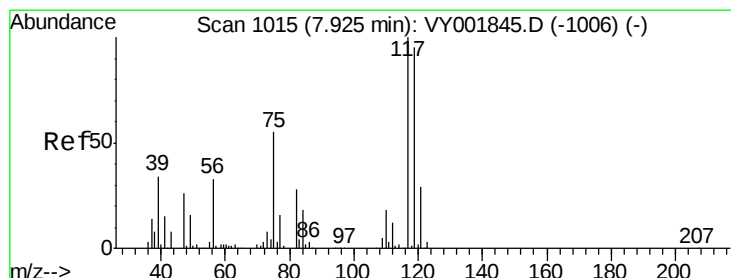
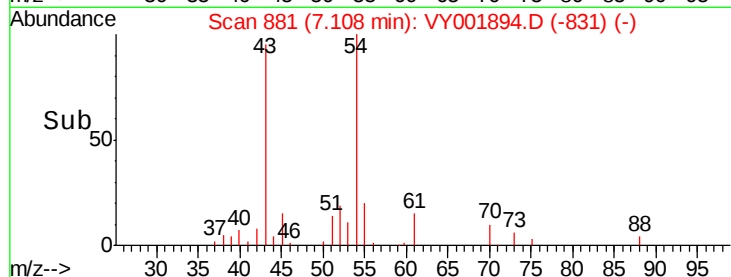
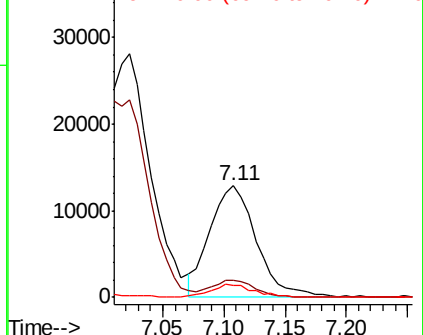
#37
Ethyl Acetate
Concen: 20.060 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 33603
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 11.0 8.2 12.4

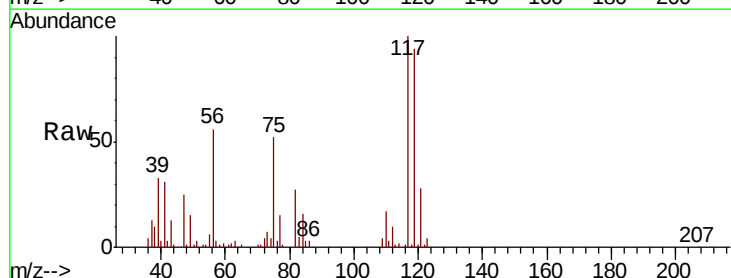


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

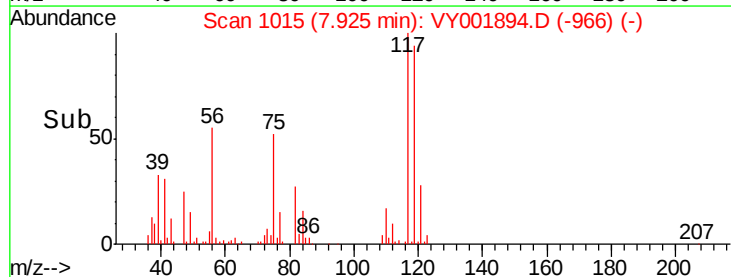
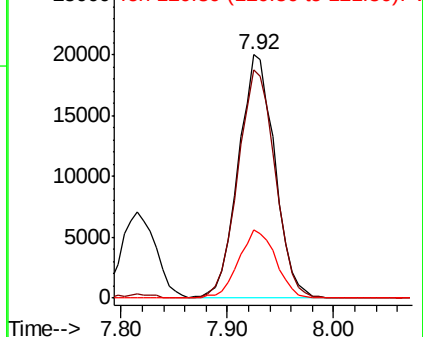


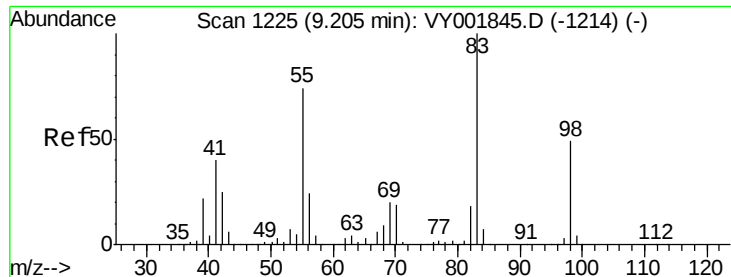
#38
Carbon Tetrachloride
Concen: 19.580 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 117 Resp: 48208
Ion Ratio Lower Upper
117 100
119 93.5 76.3 114.5
121 27.9 23.5 35.3



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

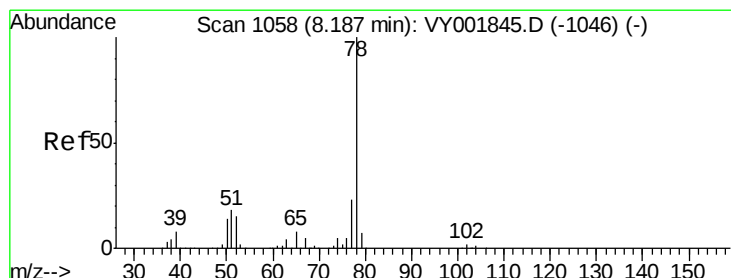
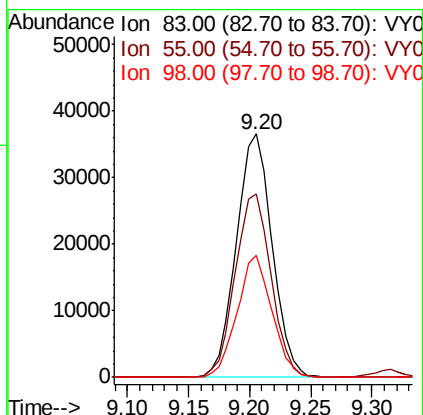
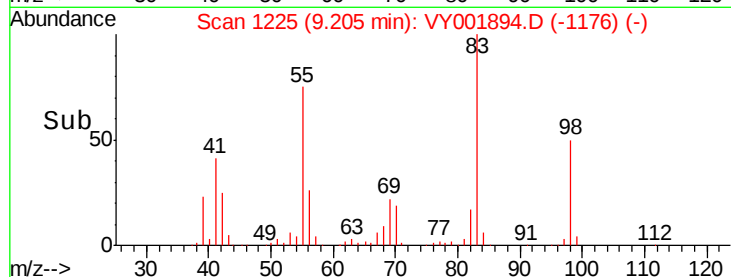
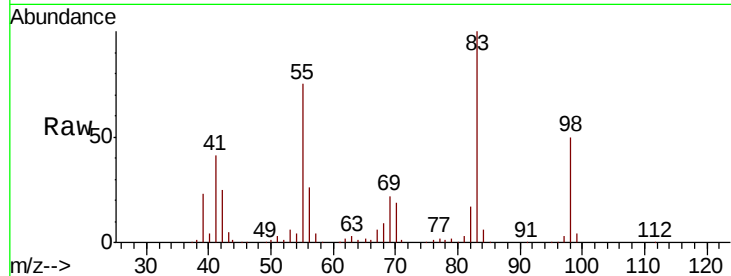




#39
Methvlcvclohexane
Concen: 19.466 ug/l
RT: 9.20 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

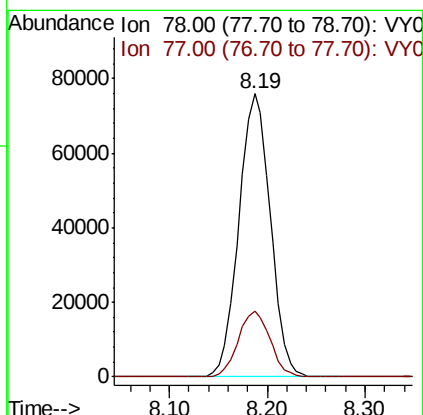
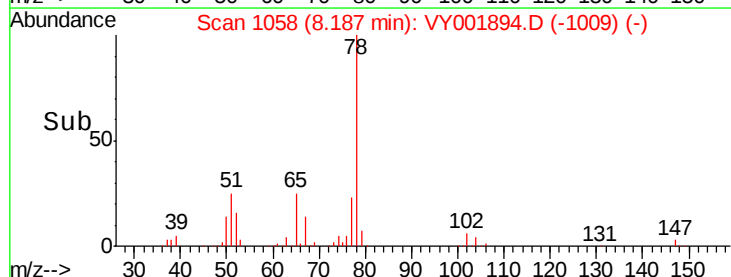
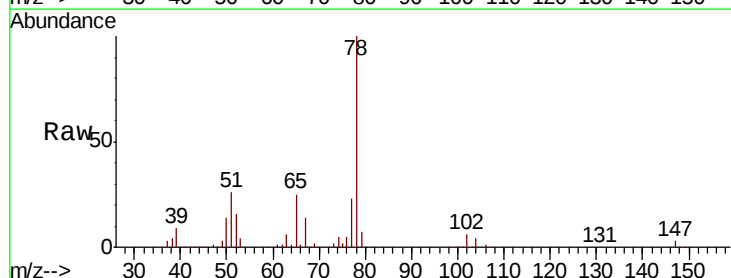
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 74412
Ion Ratio Lower Upper
83 100
55 75.1 59.4 89.0
98 50.1 38.9 58.3



#40
Benzene
Concen: 19.846 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 78 Resp: 169537
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

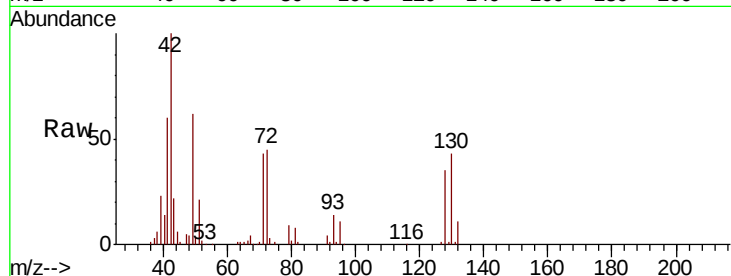




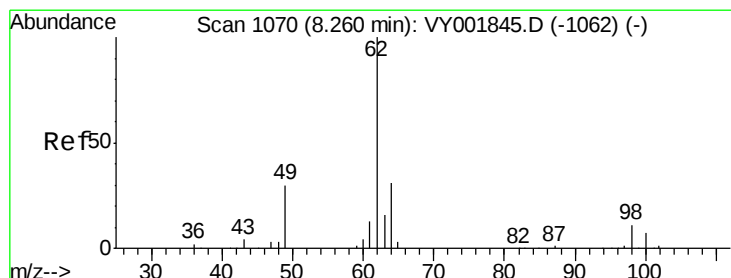
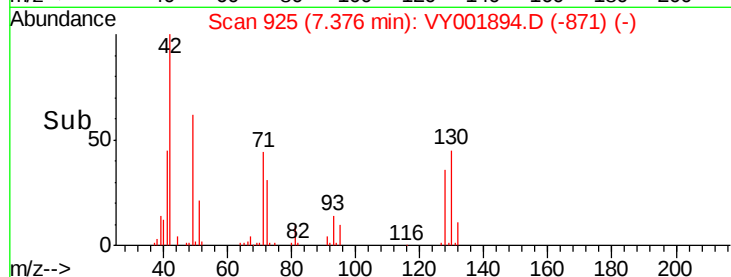
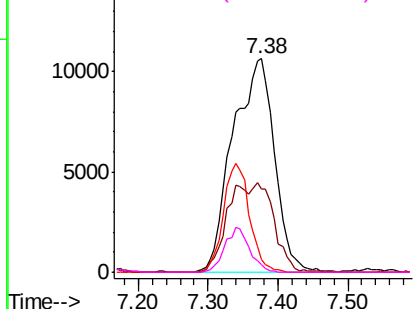
#41
Methacrylonitrile
Concen: 58.361 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 43996
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

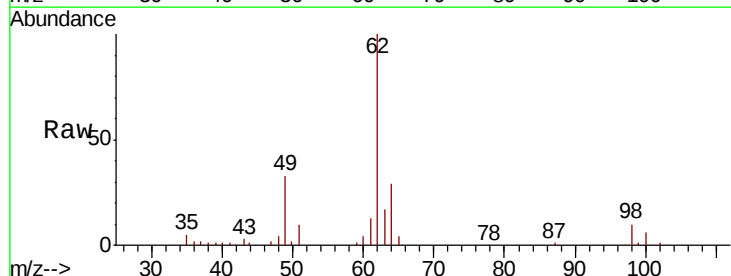


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

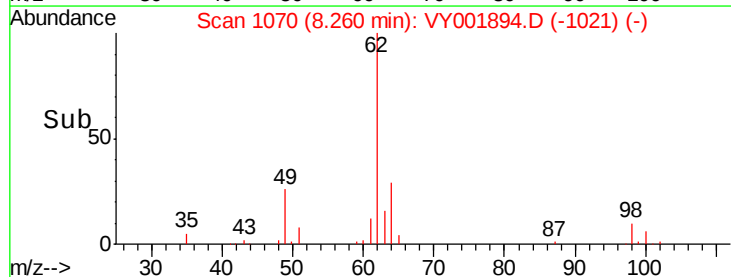
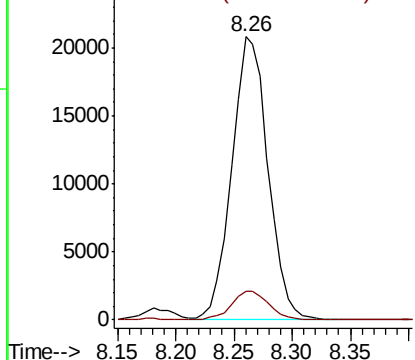


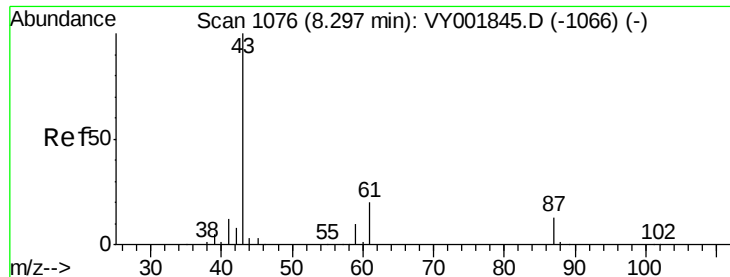
#42
1,2-Dichloroethane
Concen: 20.473 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 62 Resp: 45067
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 19.565 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

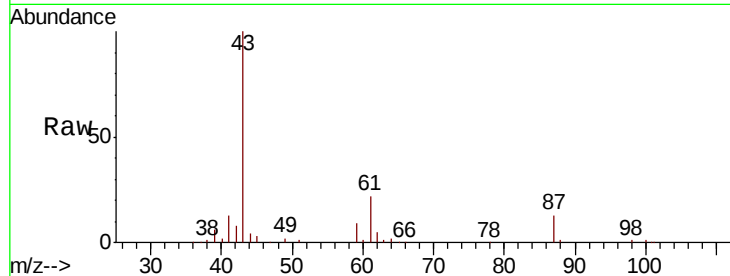
Tot Ion: 43 Resp: 62048

Ion Ratio Lower Upper

43 100

61 29.2 23.8 35.6

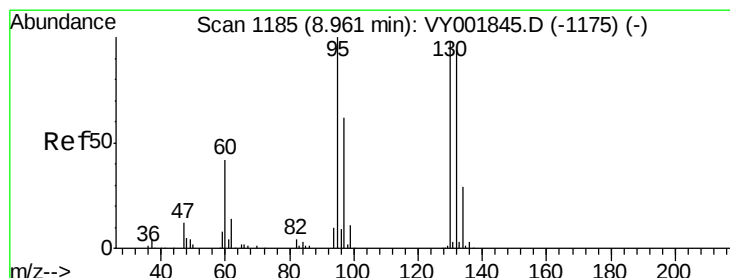
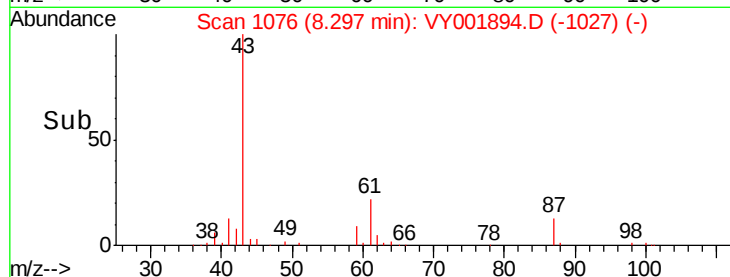
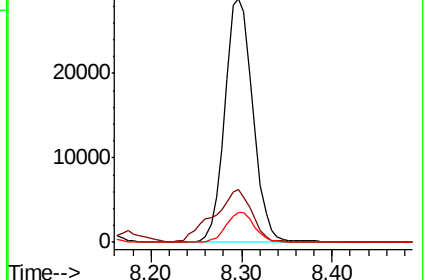
87 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001894.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001894.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001894.D (-1076) (-)



#44

Trichloroethene

Concen: 19.541 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VY001894.D

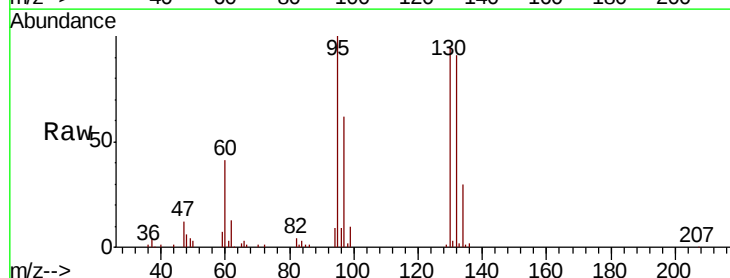
Acq: 06 Mar 2020 12:19

Tgt Ion:130 Resp: 40656

Ion Ratio Lower Upper

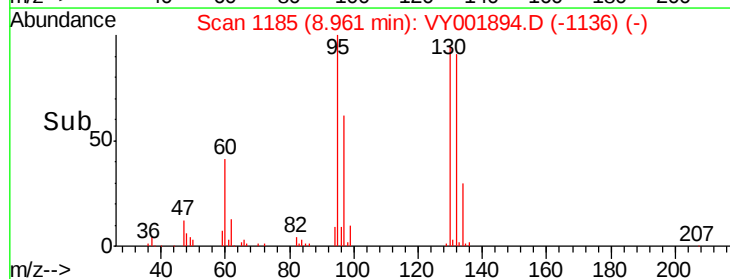
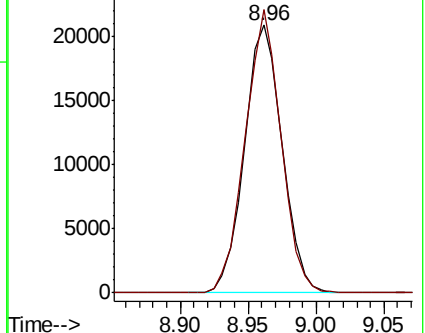
130 100

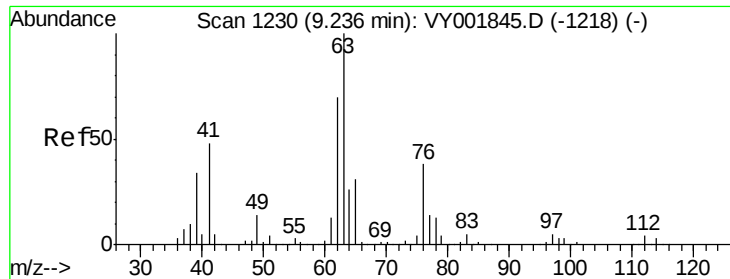
95 105.7 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001894.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001894.D (-1185) (-)

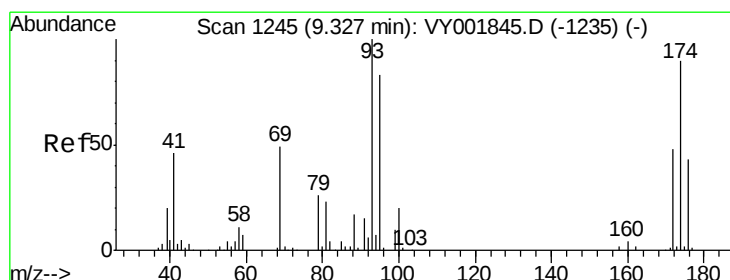
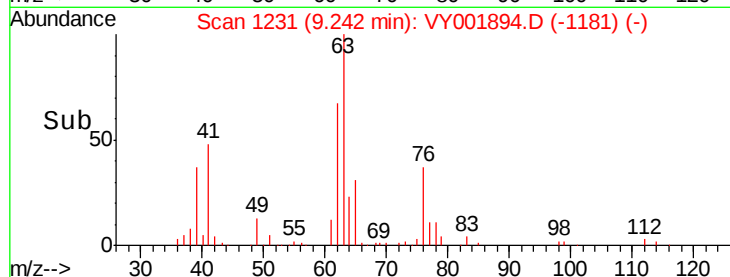
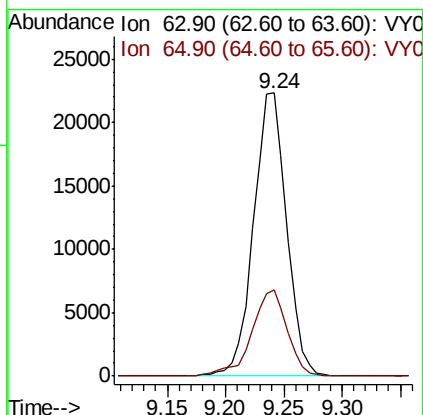
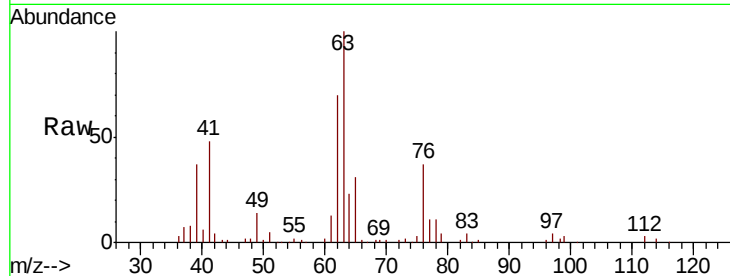




#45
 1,2-Dichloropropane
 Concen: 20.424 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

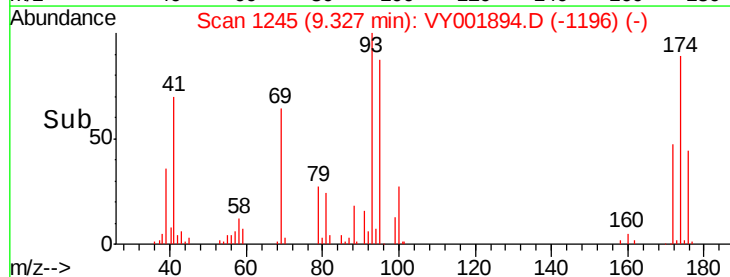
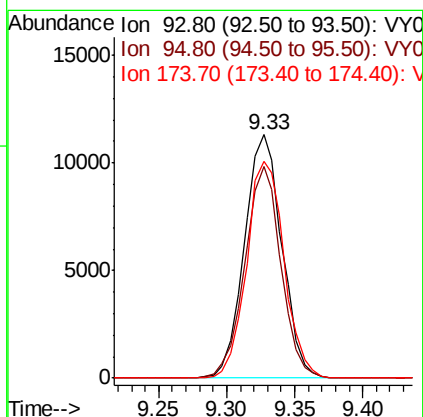
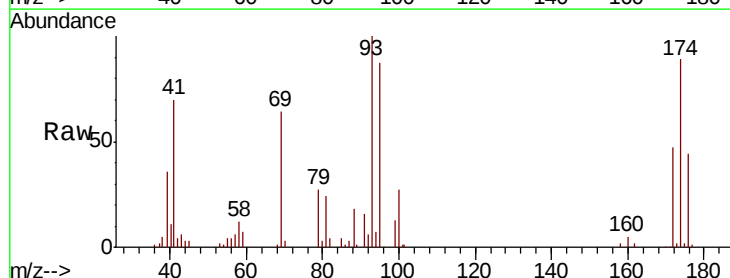
Instrument :
 MSVOA_Y
 ClientSampleId :

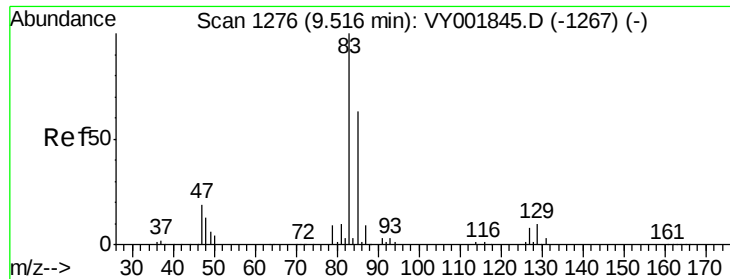
Tot Ion: 63 Resp: 43859
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3



#46
 Dibromomethane
 Concen: 19.667 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 93 Resp: 21765
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.4
 174 89.2 71.8 107.8

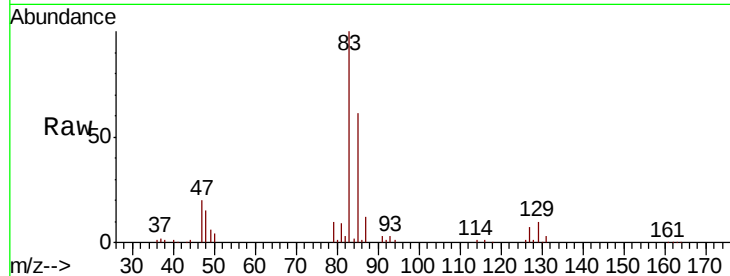




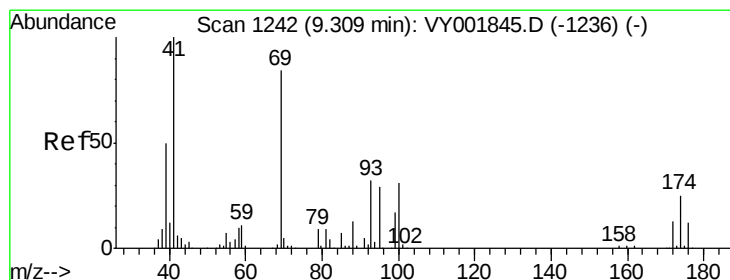
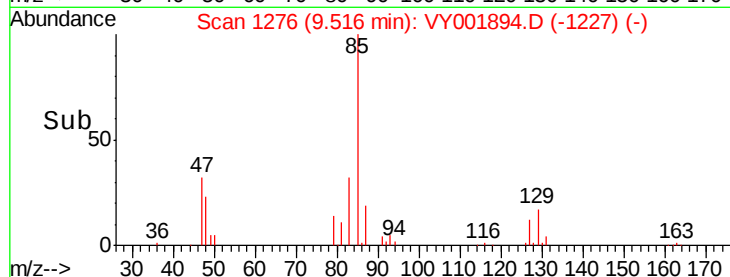
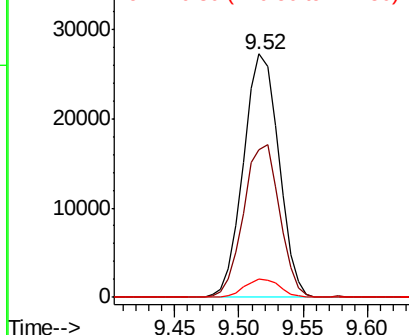
#47
Bromodichloromethane
Concen: 20.188 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 51969
Ion Ratio Lower Upper
83 100
85 60.6 50.6 76.0
127 7.3 6.2 9.4

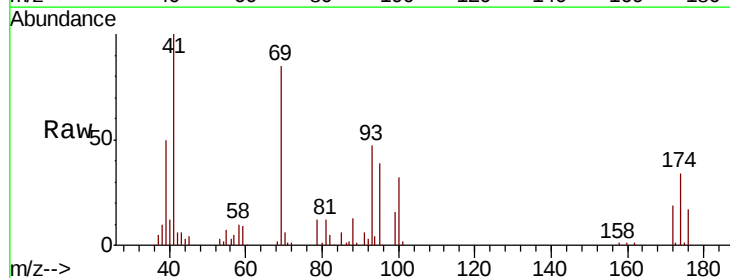


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

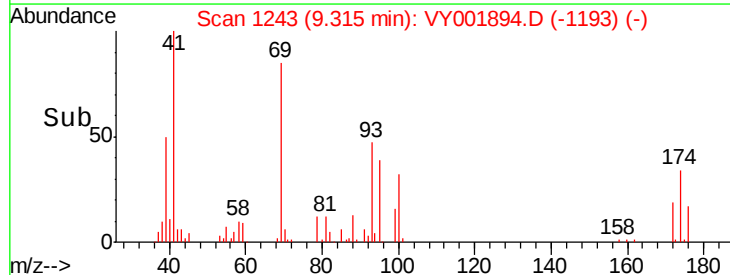
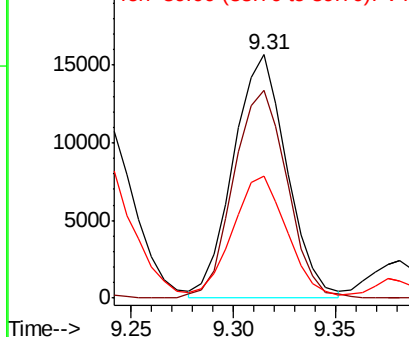


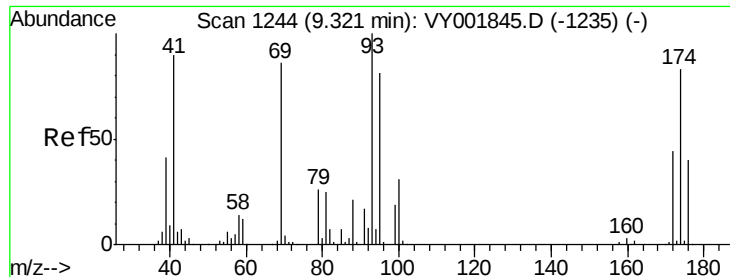
#48
Methyl methacrylate
Concen: 20.333 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 41 Resp: 28614
Ion Ratio Lower Upper
41 100
69 85.3 69.0 103.6
39 51.1 39.1 58.7



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

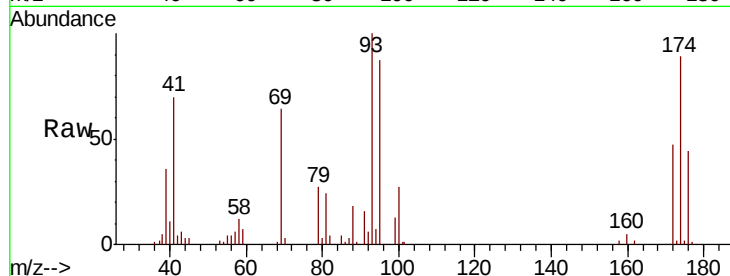




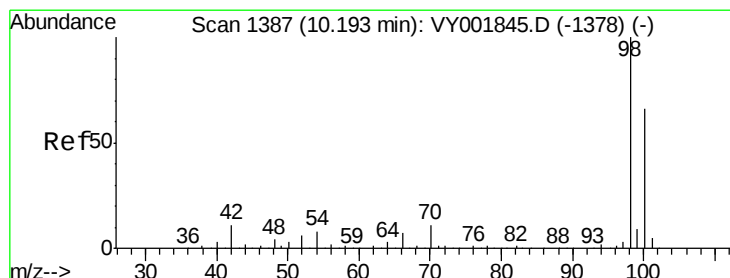
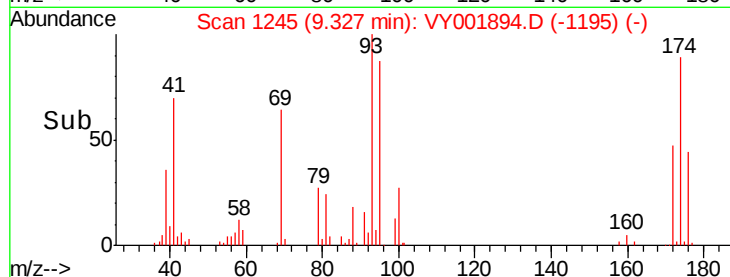
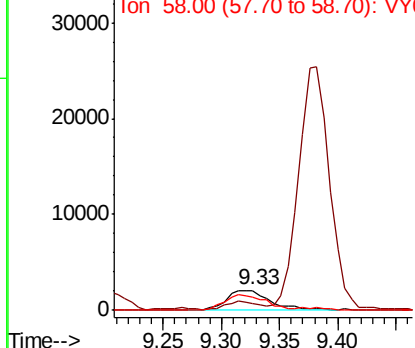
#49
 1,4-Dioxane
 Concen: 359.013 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 5444
 Ion Ratio Lower Upper
 88 100
 43 30.4 25.0 37.6
 58 74.3 58.9 88.3

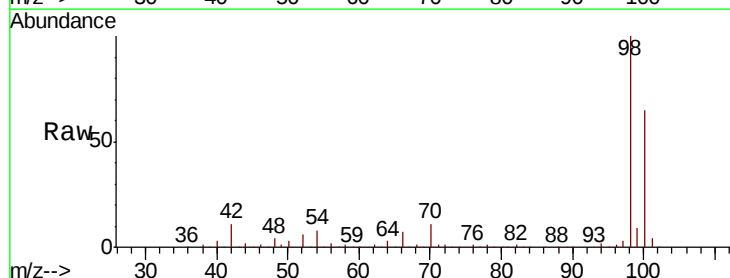


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

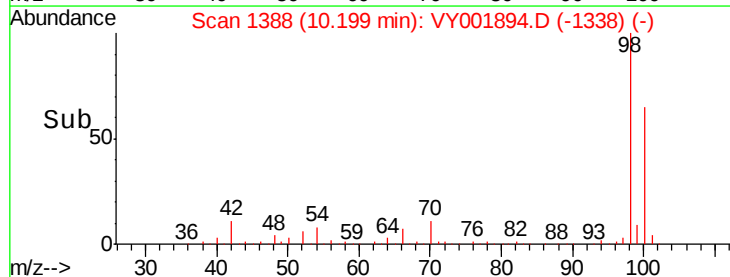
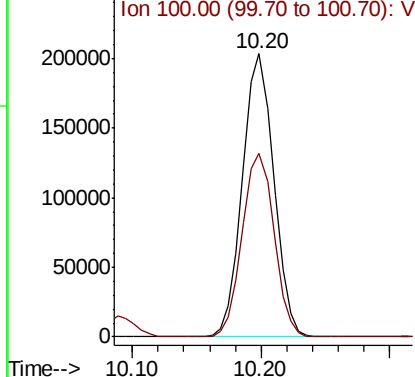


#50
 Toluene-d8
 Concen: 49.731 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 98 Resp: 342958
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 103.566 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

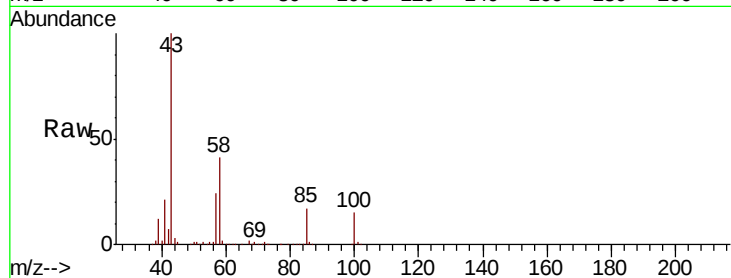
ClientSampled :

Tot Ion: 43 Resp: 169177

Ion Ratio Lower Upper

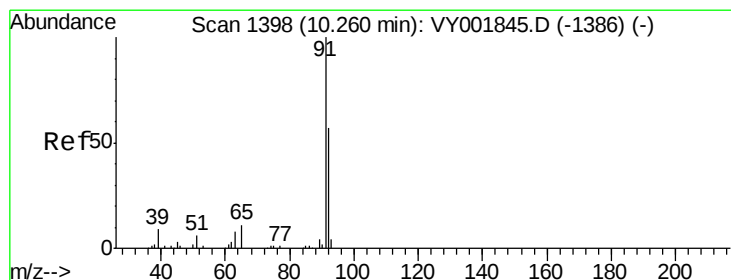
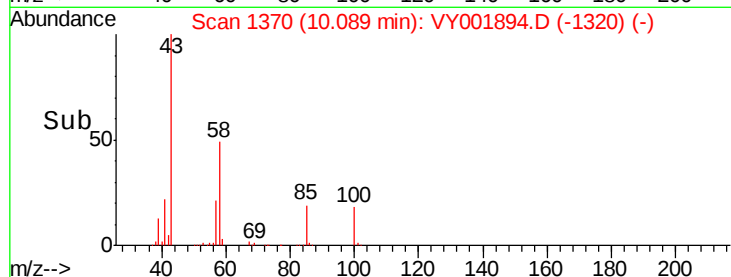
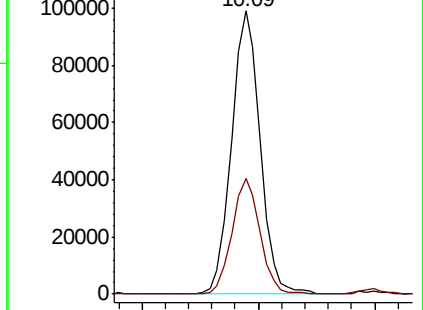
43 100

58 40.1 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001894.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001894.D (-1370) (-)



#52

Toluene

Concen: 19.976 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VY001894.D

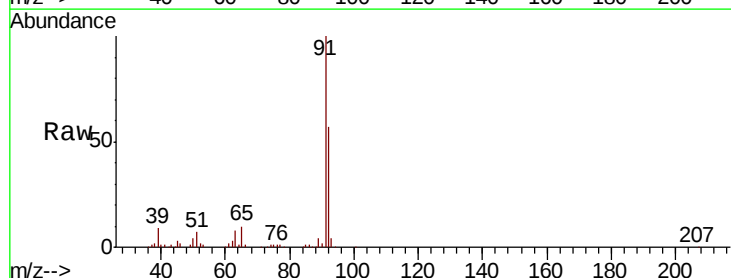
Acq: 06 Mar 2020 12:19

Tgt Ion: 92 Resp: 103667

Ion Ratio Lower Upper

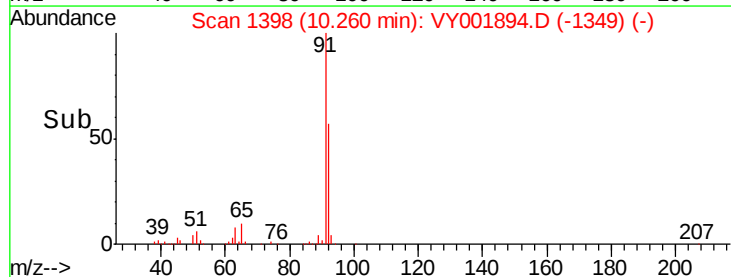
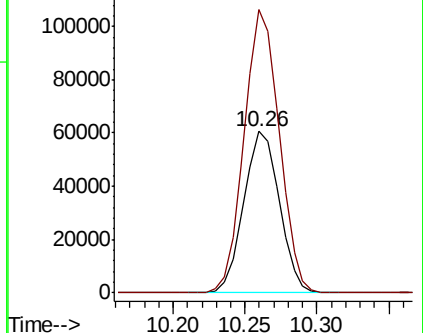
92 100

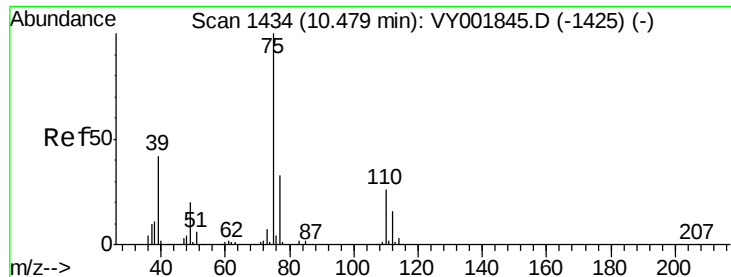
91 172.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001894.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001894.D (-1398) (-)





#53

t-1,3-Dichloropropene

Concen: 20.320 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

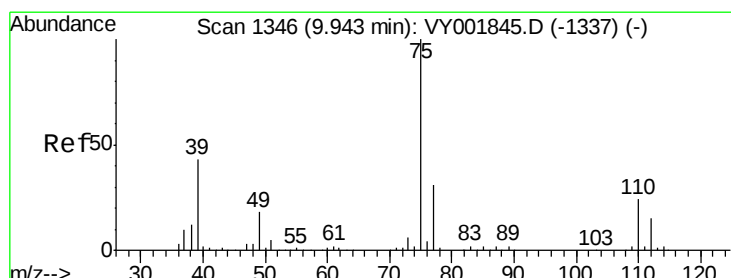
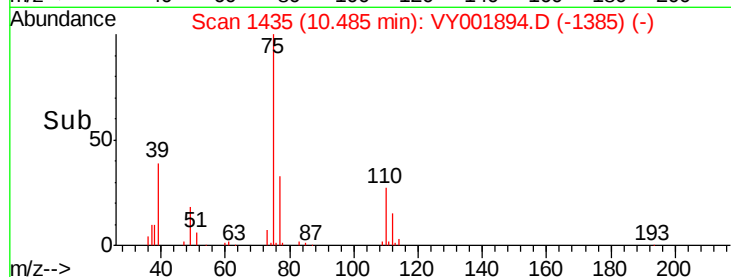
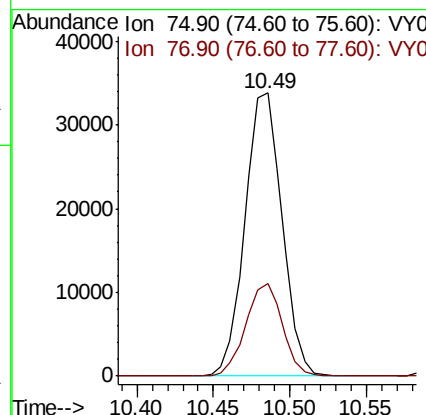
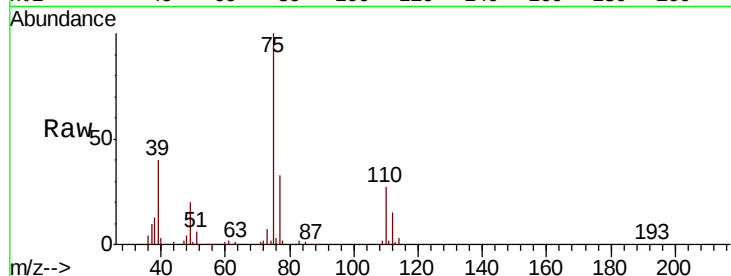
ClientSampleId :

Tot Ion: 75 Resp: 56990

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 19.943 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

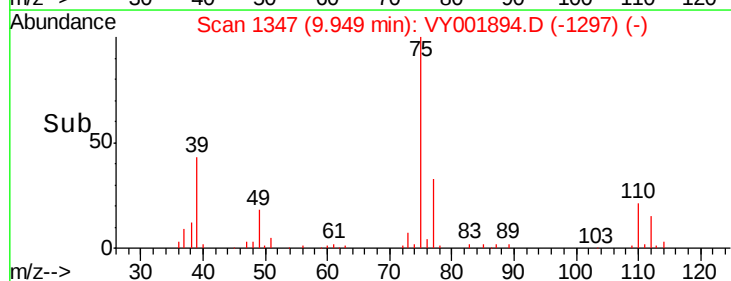
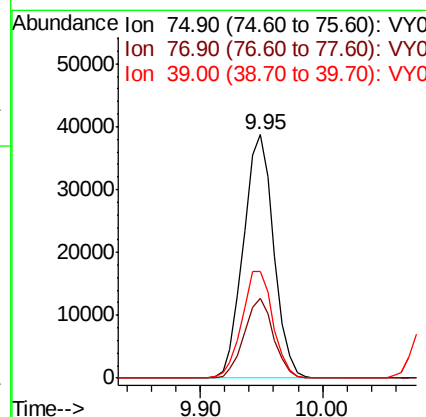
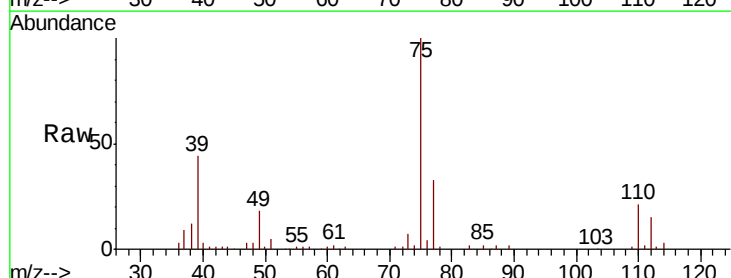
Tgt Ion: 75 Resp: 66586

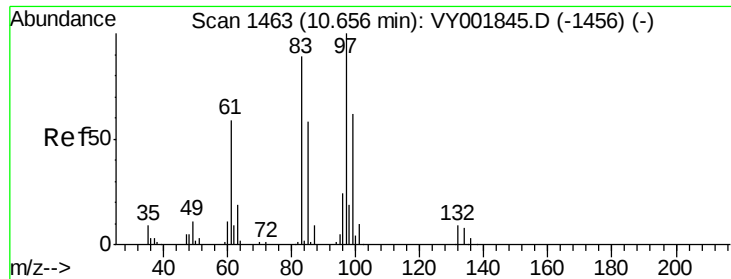
Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

39 43.9 34.7 52.1

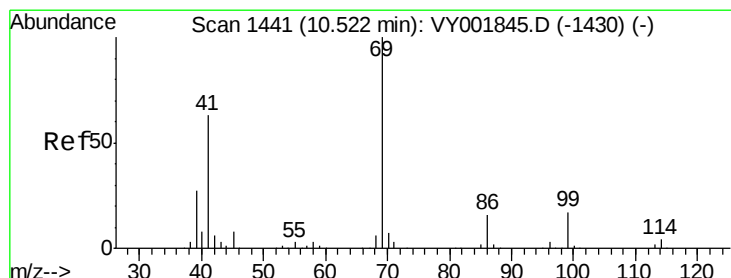
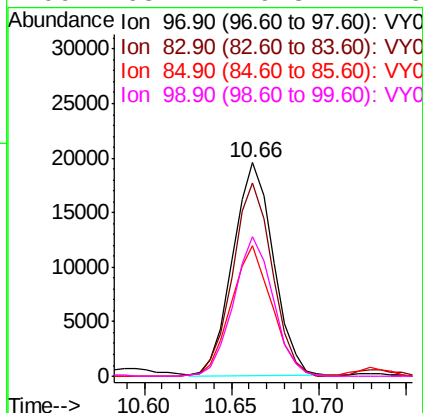
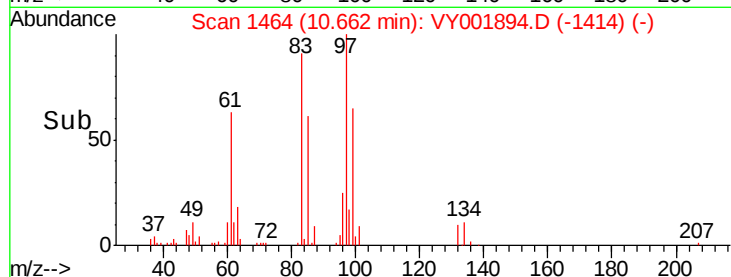
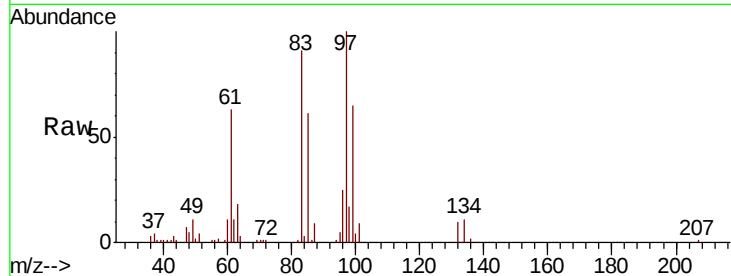




#55
 1,1,2-Trichloroethane
 Concen: 19.500 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

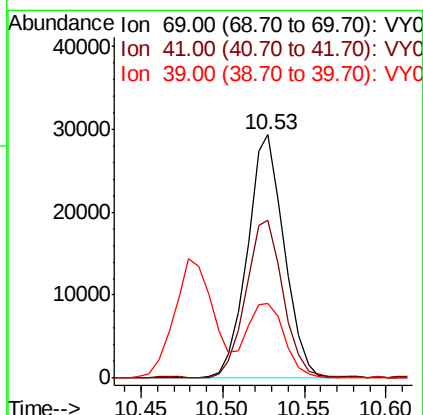
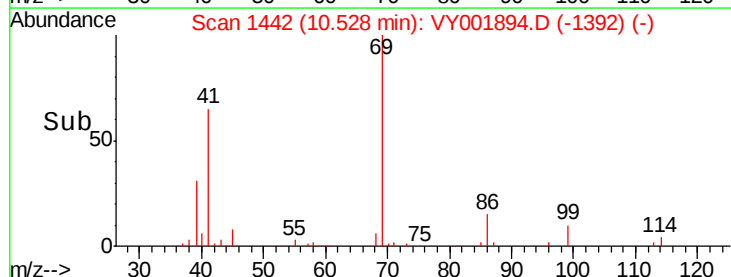
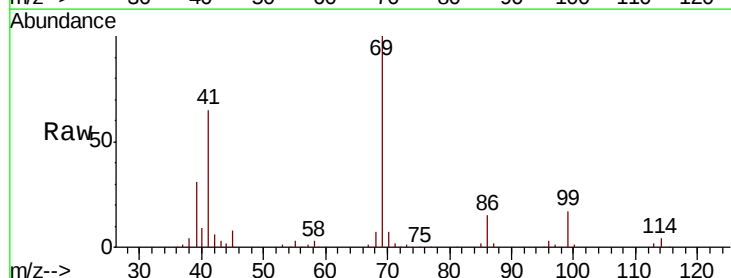
Instrument :
 MSVOA_Y
 ClientSampleId :

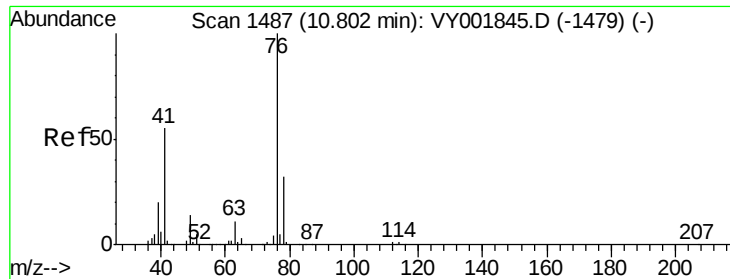
Tot Ion:	97	Resp:	31582
Ion	Ratio	Lower	Upper
97	100		
83	91.0	71.6	107.4
85	60.6	46.6	69.8
99	65.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.375 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion:	69	Resp:	45995
Ion	Ratio	Lower	Upper
69	100		
41	65.7	49.9	74.9
39	31.8	23.0	34.6





#57

1,3-Dichloropropane

Concen: 20.011 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

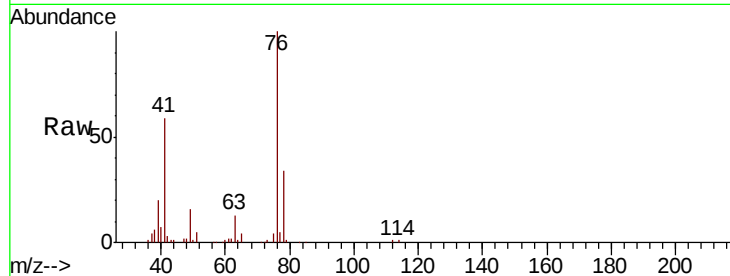
ClientSampleId :

Tot Ion: 76 Resp: 57771

Ion Ratio Lower Upper

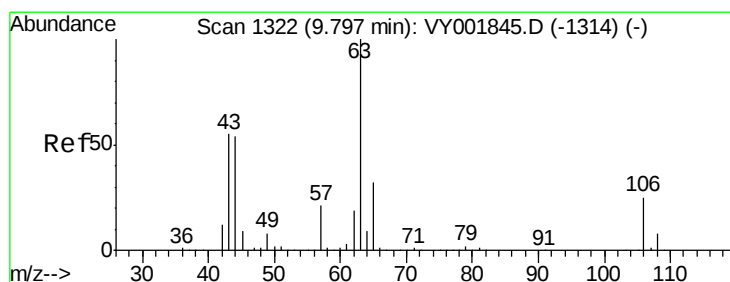
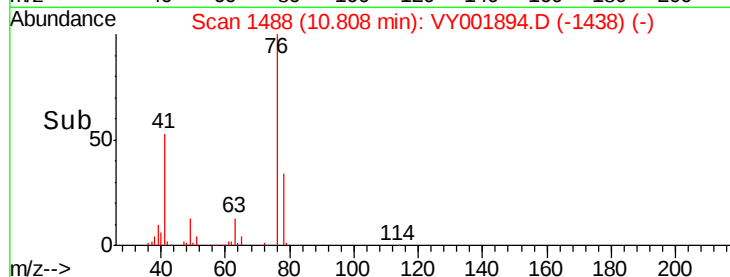
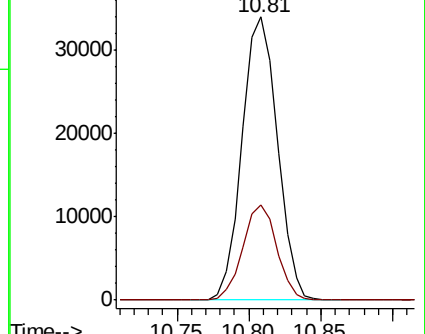
76 100

78 32.4 25.8 38.6



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: 137.947 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001894.D

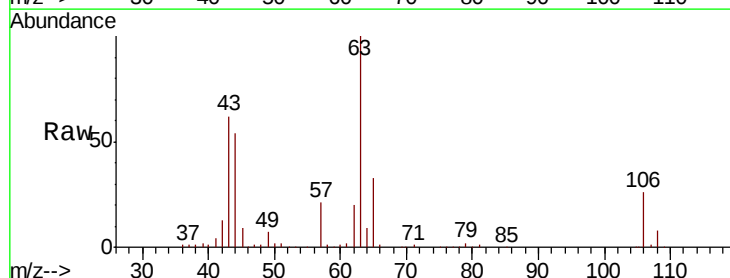
Acq: 06 Mar 2020 12:19

Tgt Ion: 63 Resp: 126433

Ion Ratio Lower Upper

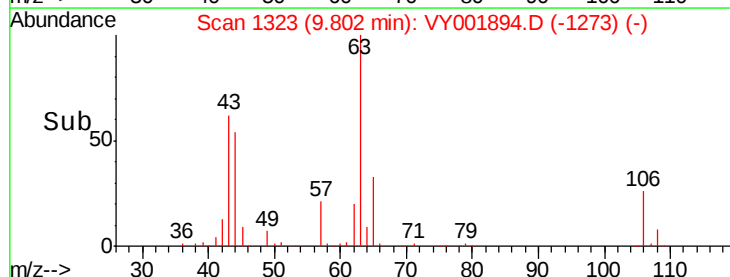
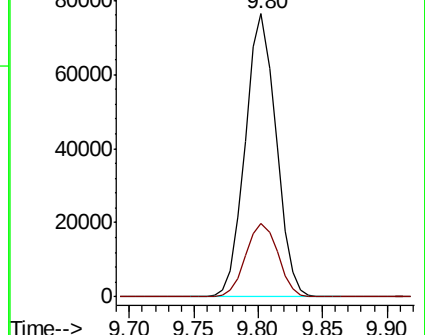
63 100

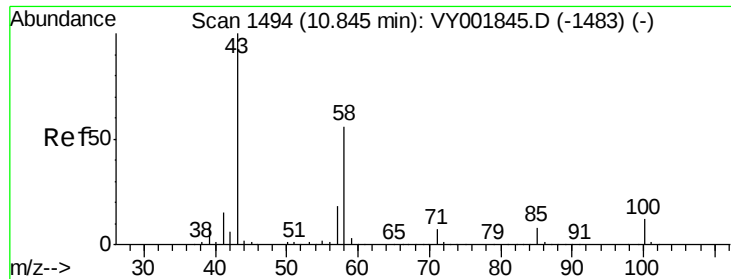
106 27.1 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

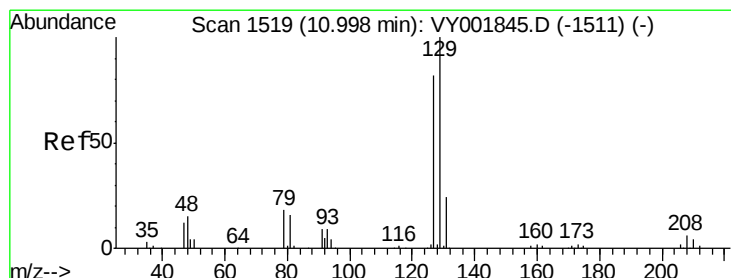
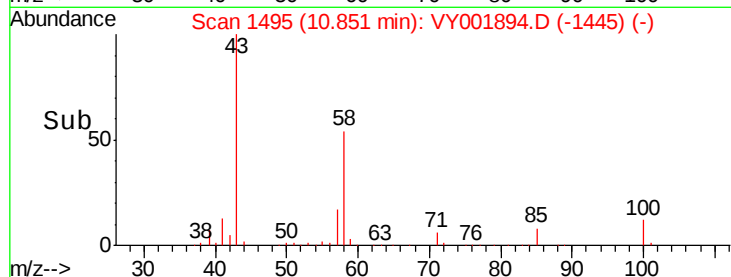
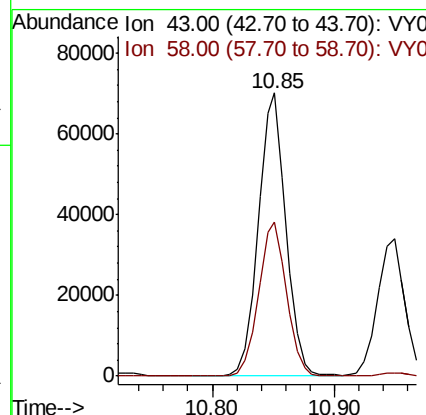
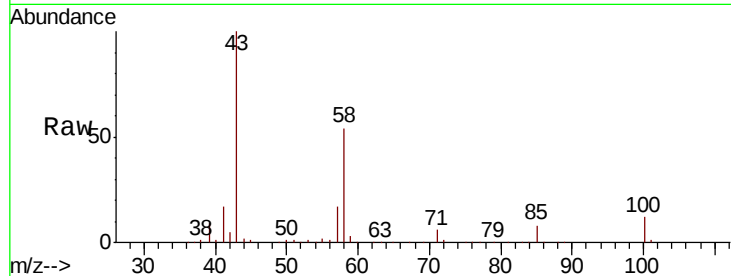




#59
2-Hexanone
Concen: 94.168 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

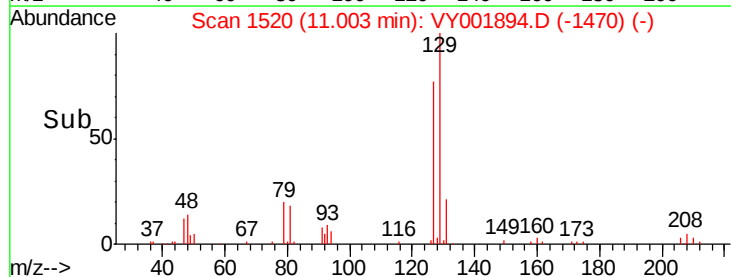
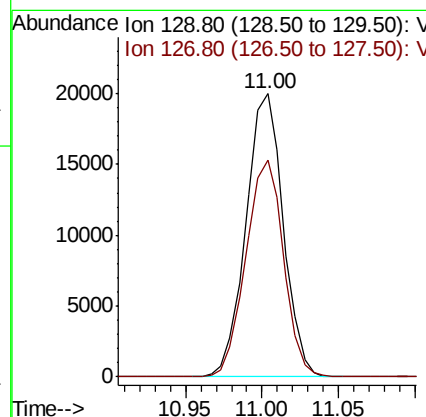
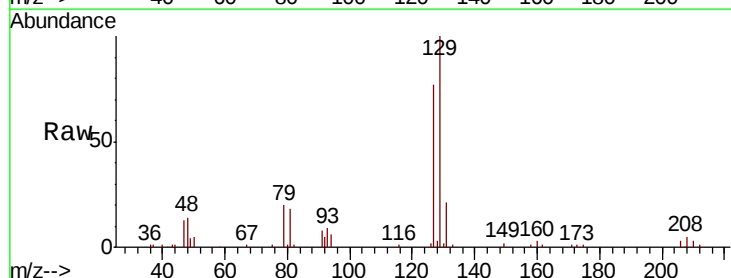
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 109793
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 19.809 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 129 Resp: 33806
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

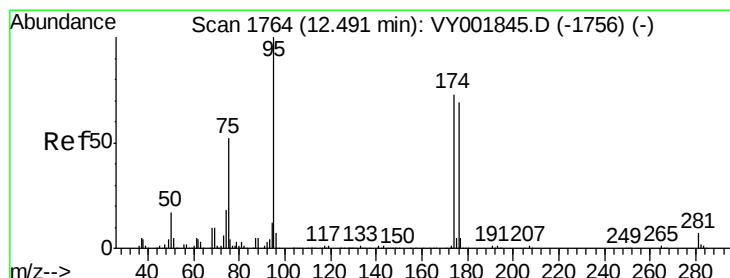
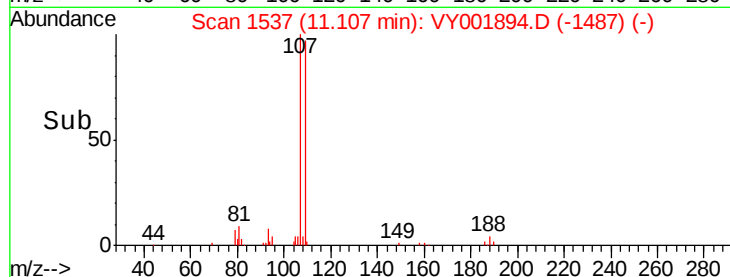
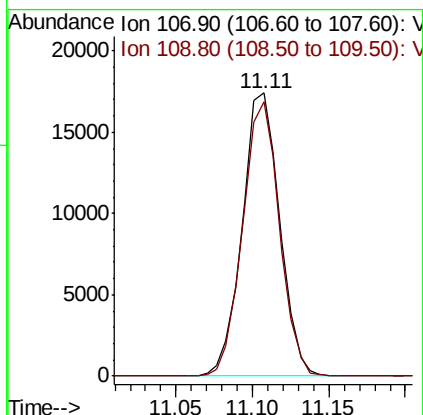
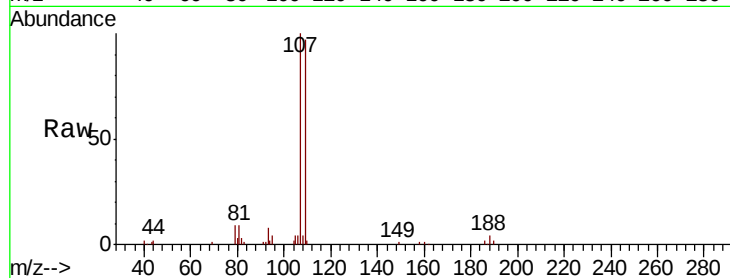




#61
 1,2-Dibromoethane
 Concen: 19.341 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

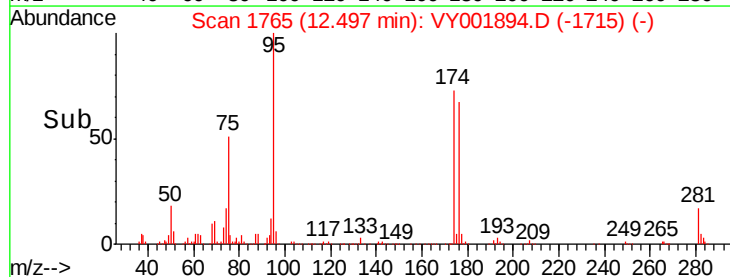
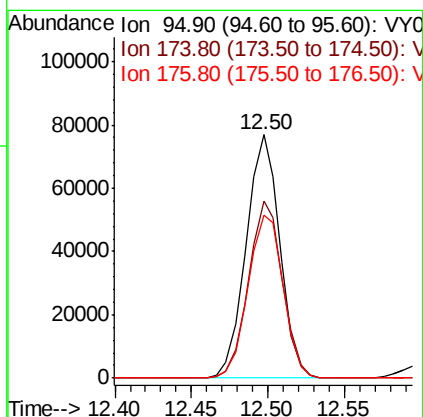
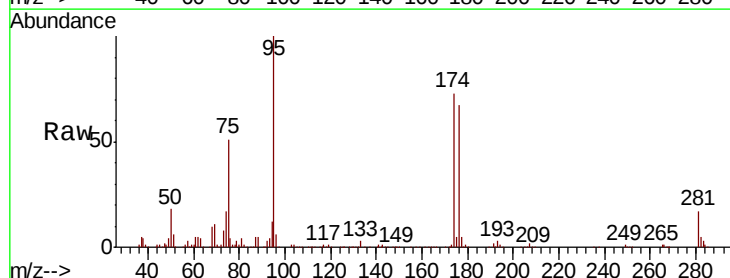
Instrument :
 MSVOA_Y
 ClientSampleId :

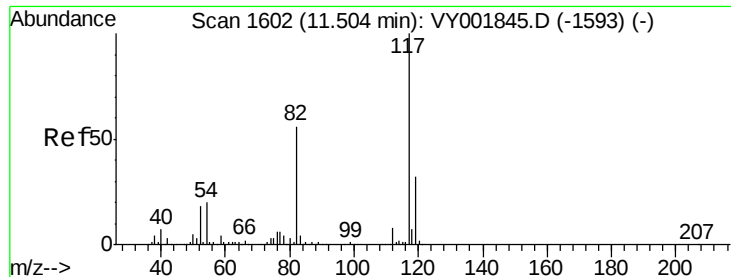
Tot Ion: 107 Resp: 29672
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 48.931 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001894.D
 Acq: 06 Mar 2020 12:19

Tgt Ion: 95 Resp: 117333
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 145.0
 176 70.4 0.0 137.4

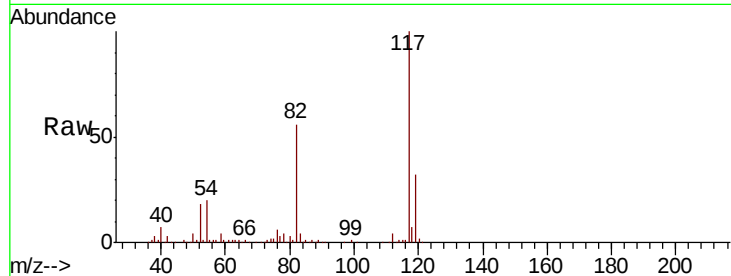




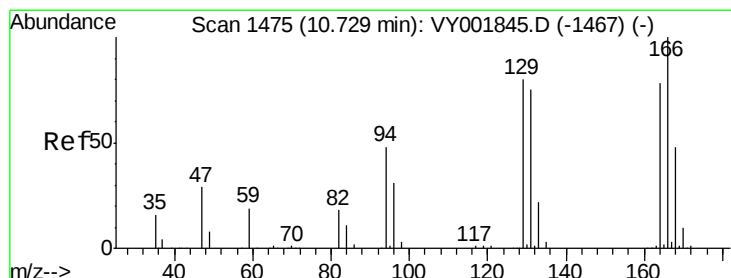
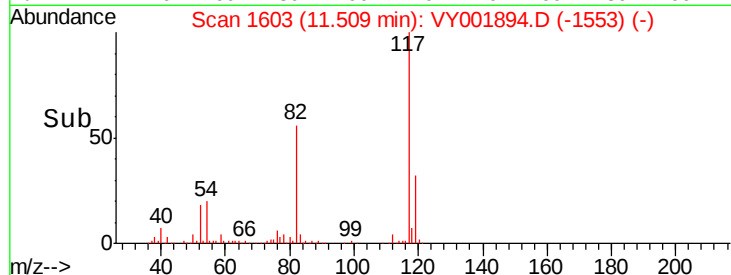
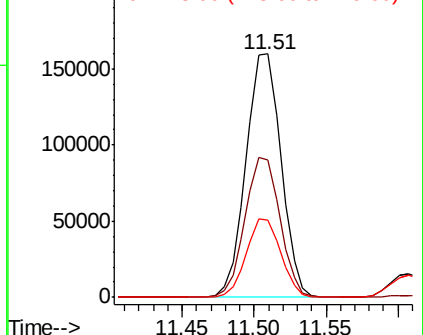
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 269463
Ion Ratio Lower Upper
117 100
82 56.4 44.5 66.7
119 31.9 25.7 38.5

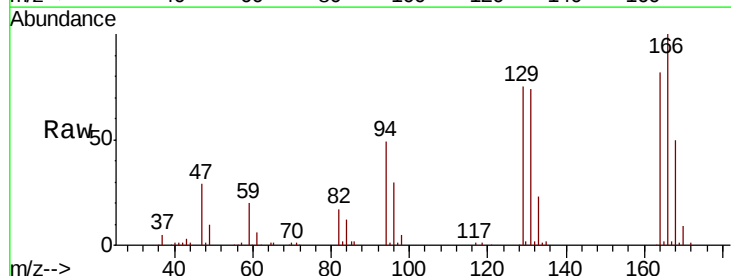


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

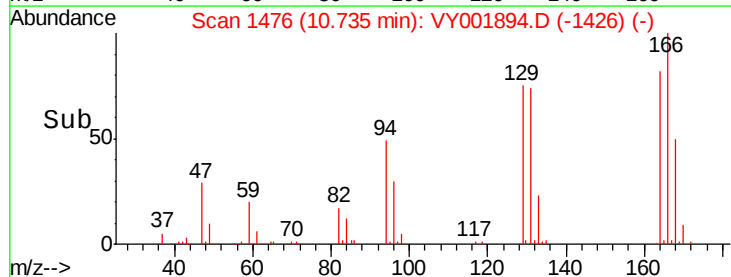
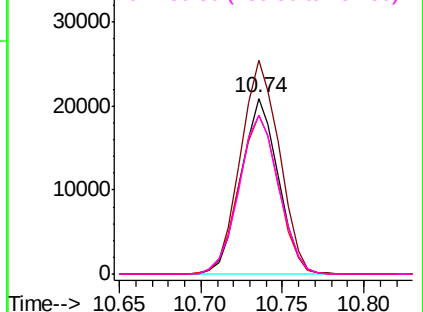


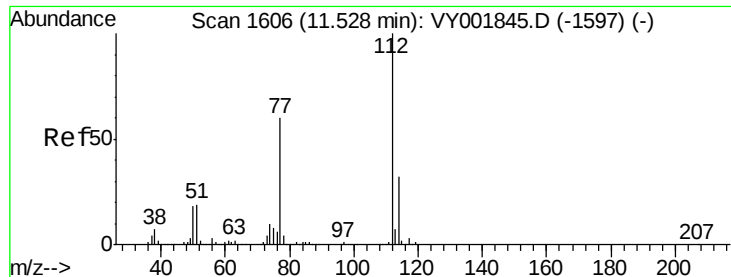
#64
Tetrachloroethene
Concen: 19.800 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion:164 Resp: 33459
Ion Ratio Lower Upper
164 100
166 121.6 102.6 154.0
129 90.7 82.3 123.5
131 90.5 77.4 116.0



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

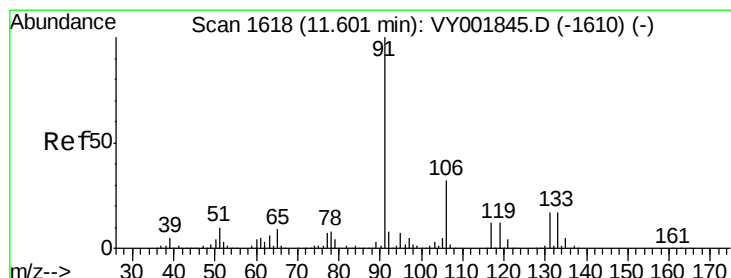
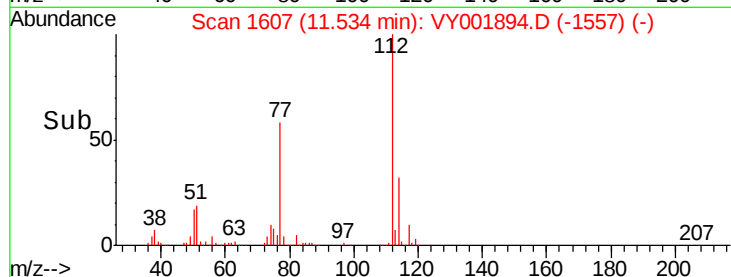
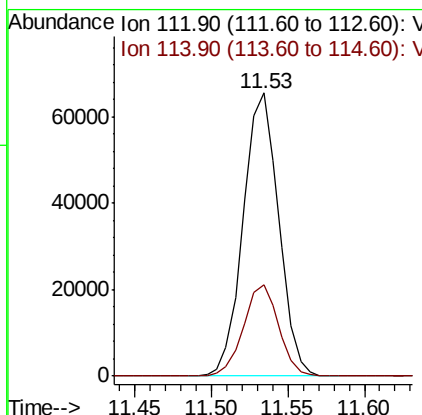
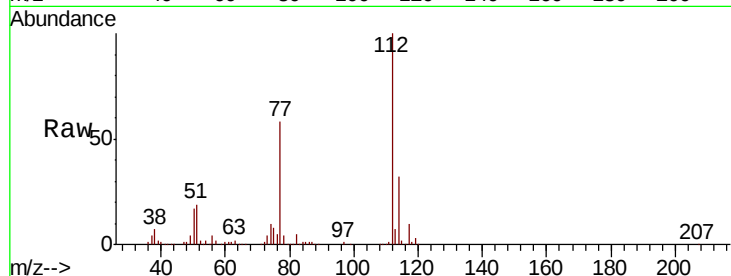




#65
Chlorobenzene
Concen: 19.748 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

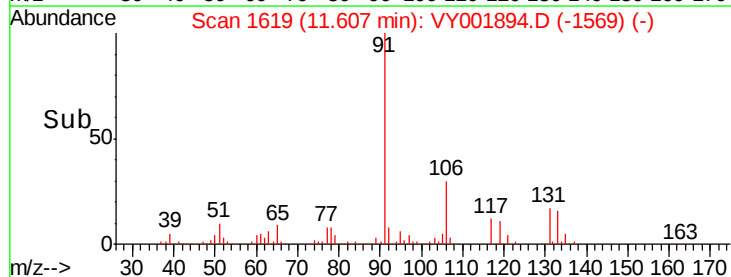
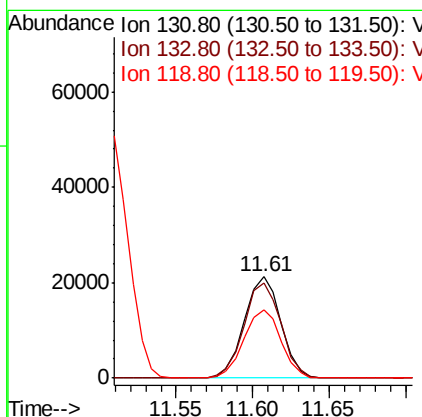
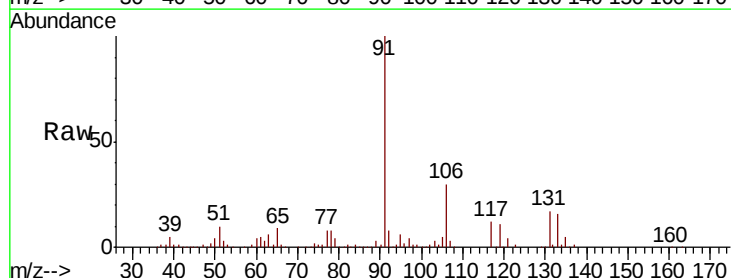
Instrument :
MSVOA_Y
ClientSampleId :

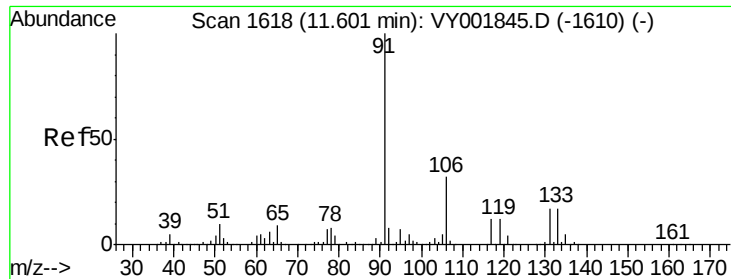
Tot Ion:112 Resp: 106029
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.969 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion:131 Resp: 35160
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 68.7 34.5 103.6

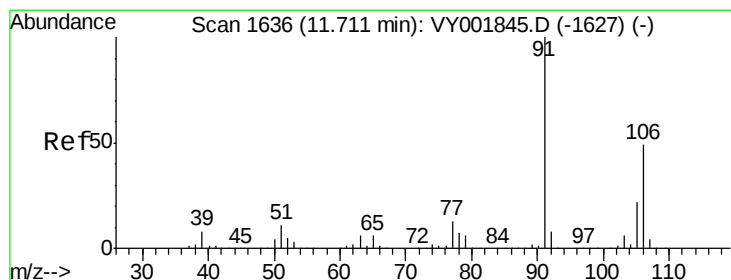
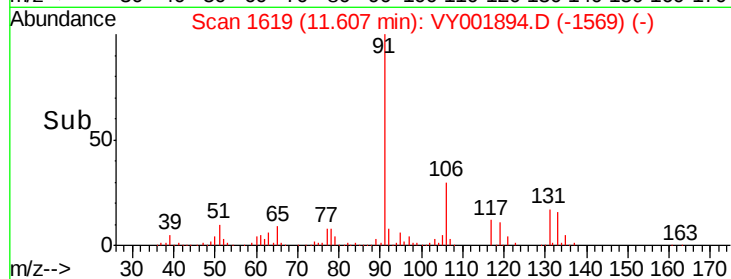
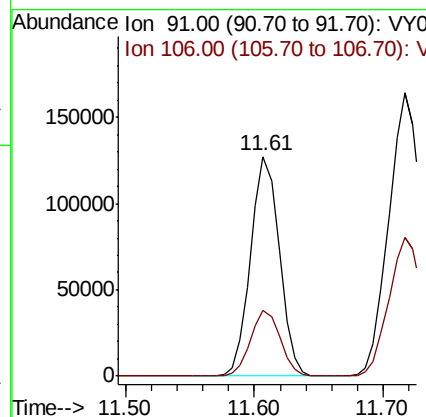
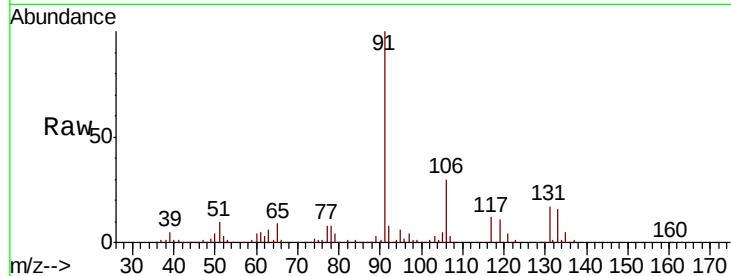




#67
Ethyl Benzene
Concen: 19.568 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

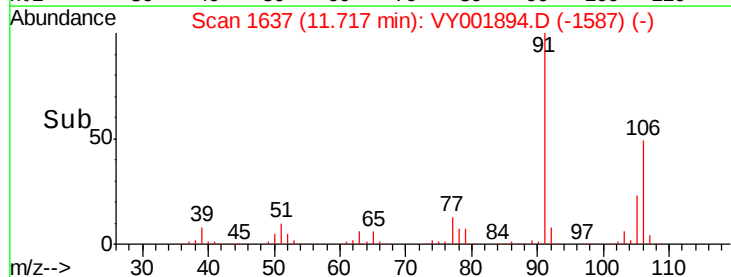
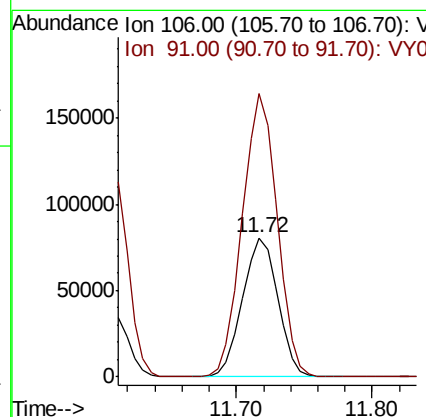
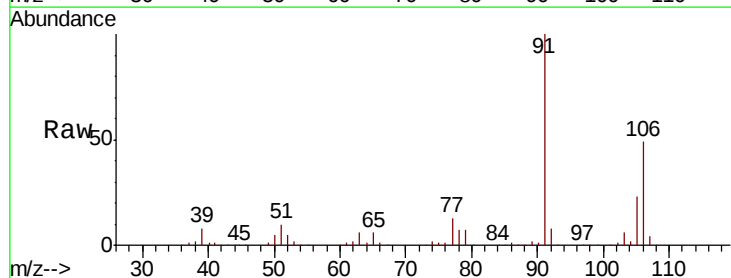
Instrument :
MSVOA_Y
ClientSampled :

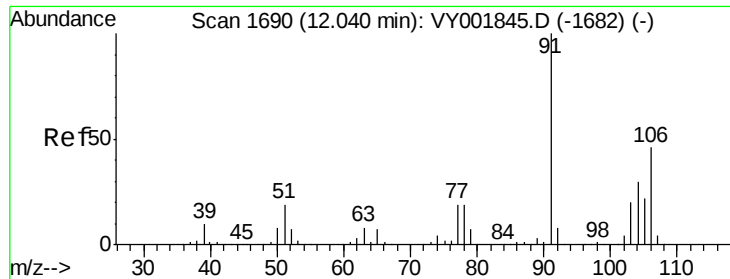
Tot Ion: 91 Resp: 195948
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.2



#68
m/p-Xylenes
Concen: 39.622 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 106 Resp: 146684
Ion Ratio Lower Upper
106 100
91 200.8 161.3 241.9

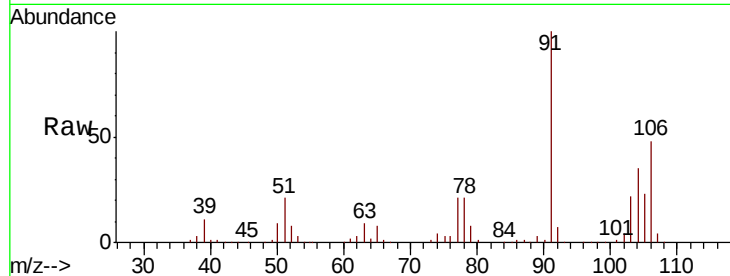




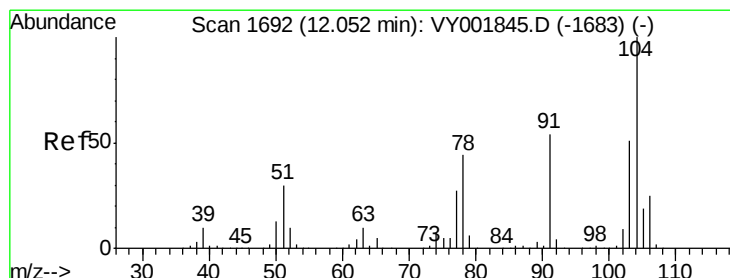
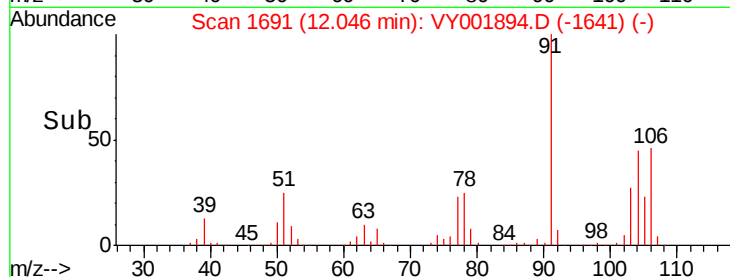
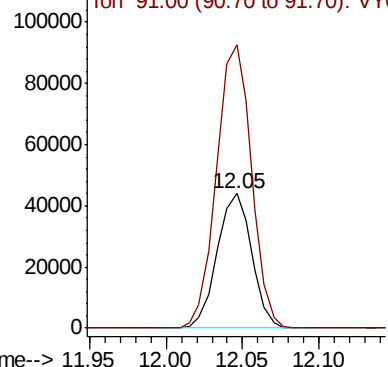
#69
o-Xylene
Concen: 19.774 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 68998
Ion Ratio Lower Upper
106 100
91 213.2 106.8 320.4

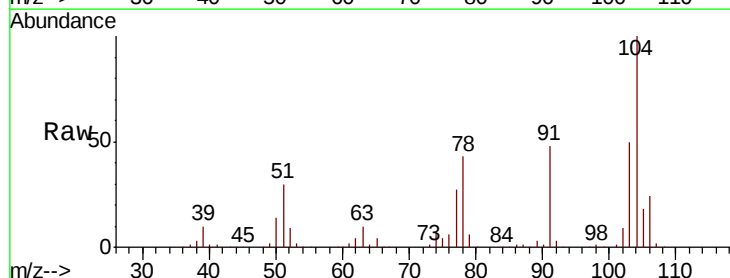


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

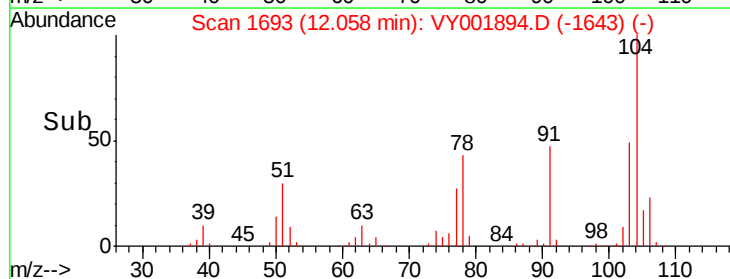
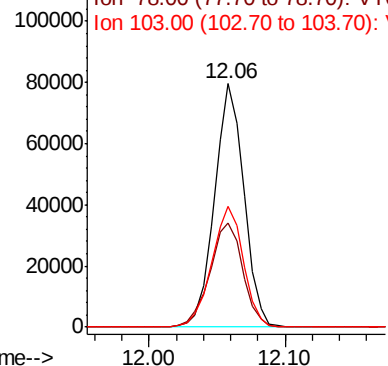


#70
Styrene
Concen: 20.067 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion:104 Resp: 119926
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.4 42.9 64.3



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

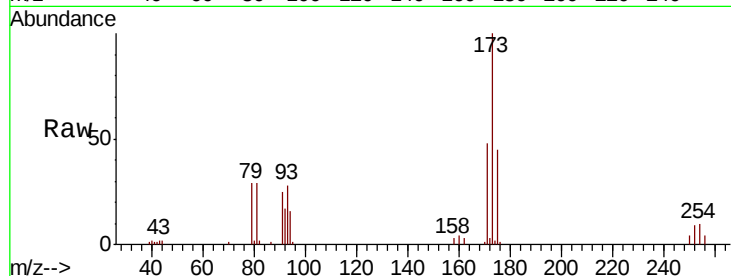




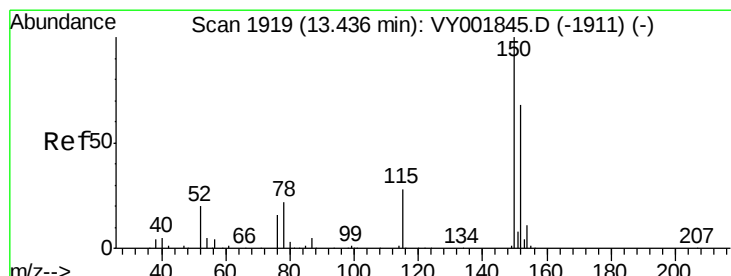
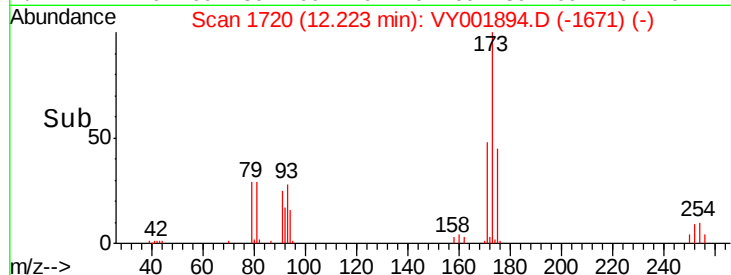
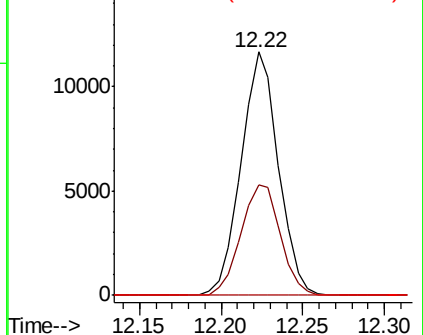
#71
Bromoform
Concen: 19.463 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.3	72.8
254	0.0	0.0	0.0

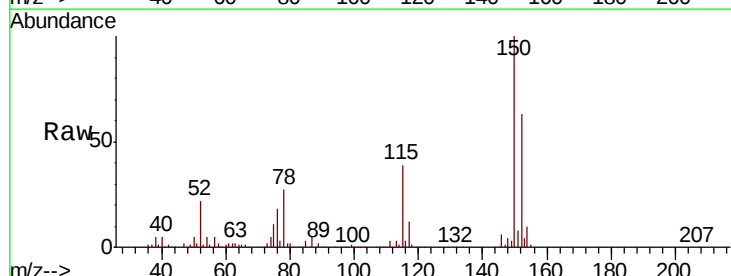


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

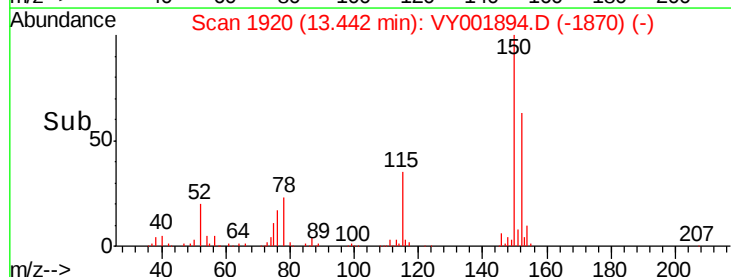
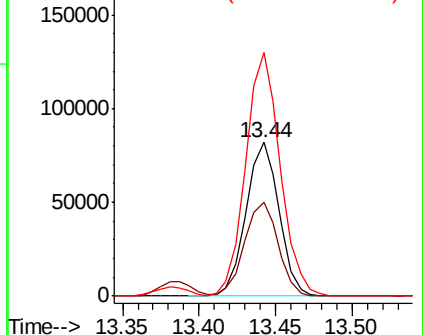


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.9	89.7
150	165.6	0.0	340.6



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

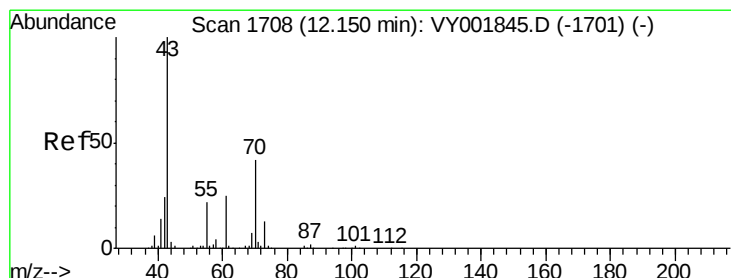
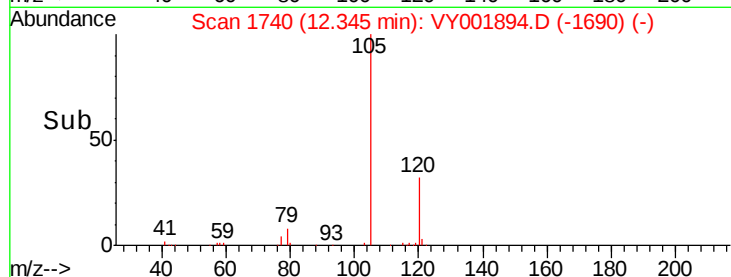
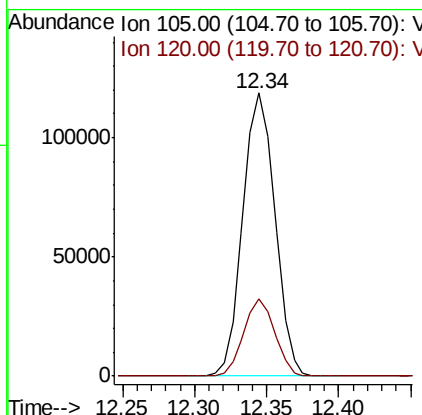
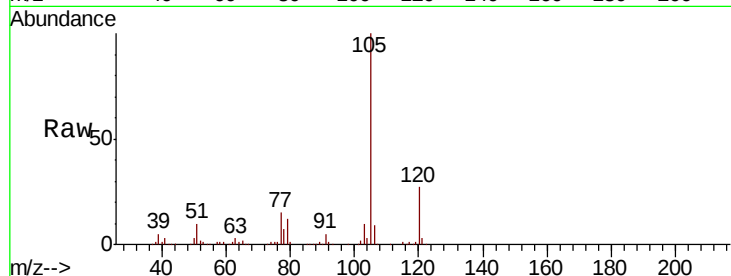




#73
Isopropylbenzene
Concen: 19.621 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

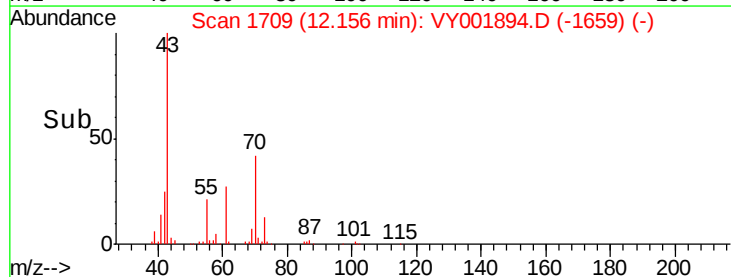
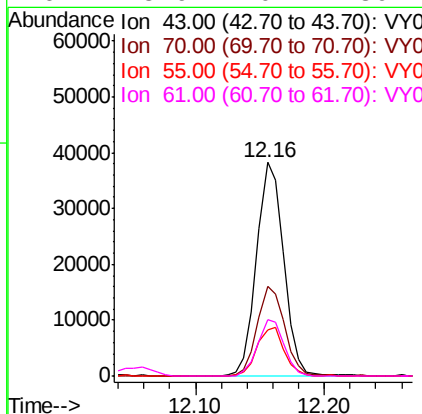
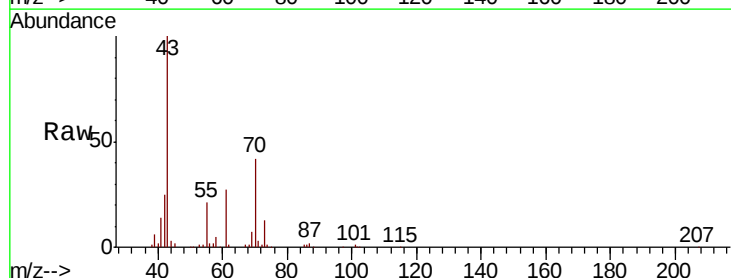
Instrument :
MSVOA_Y
ClientSampleId :

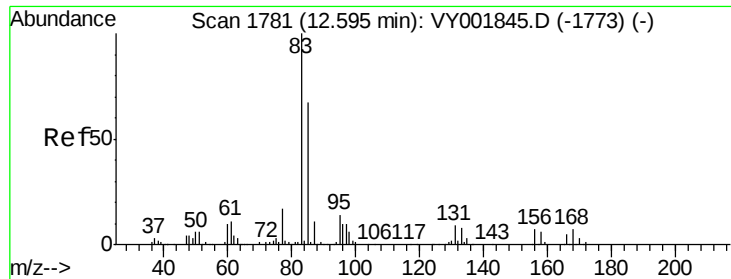
Tot Ion:105 Resp: 183986
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 19.230 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 43 Resp: 55419
Ion Ratio Lower Upper
43 100
70 42.7 34.7 52.1
55 22.9 18.2 27.4
61 25.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.373 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

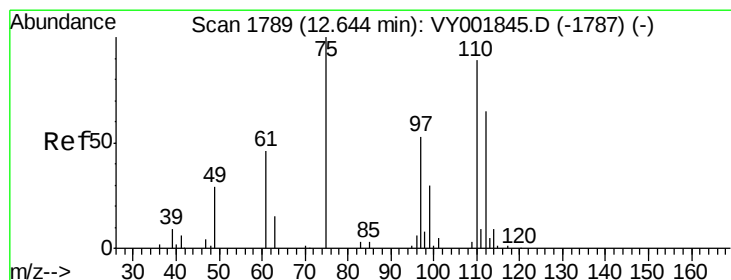
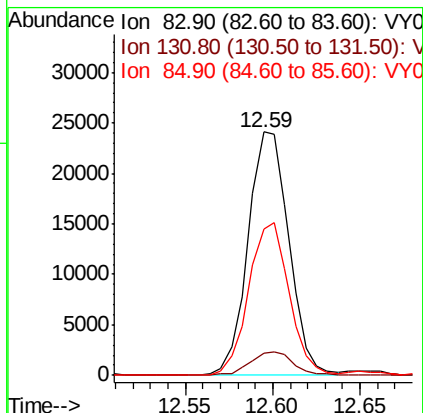
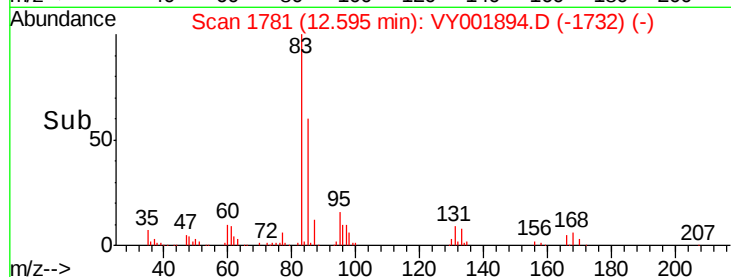
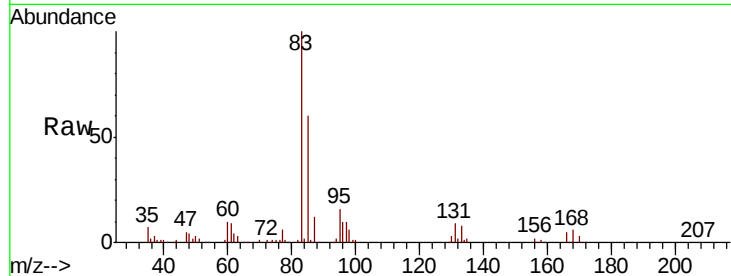
Tot Ion: 83 Resp: 39174

Ion Ratio Lower Upper

83 100

131 10.2 4.6 13.8

85 61.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 34.559 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001894.D

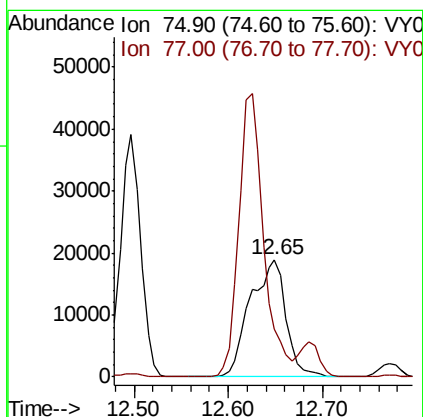
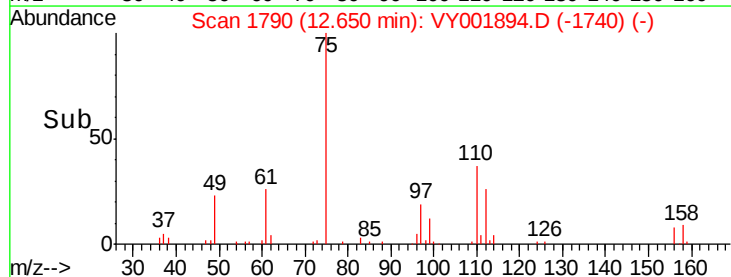
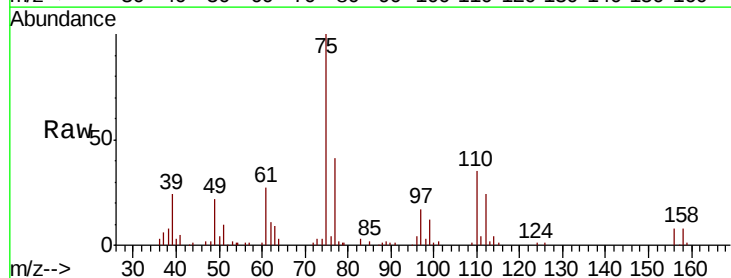
Acq: 06 Mar 2020 12:19

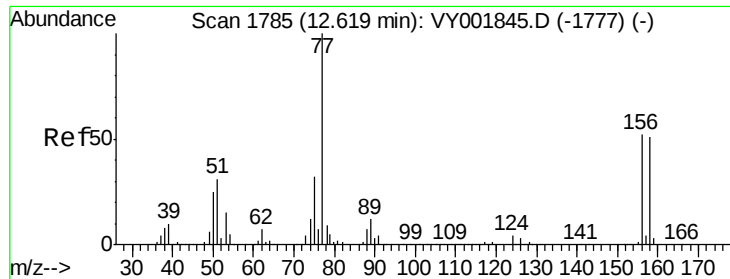
Tgt Ion: 75 Resp: 50370

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.013 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampled :

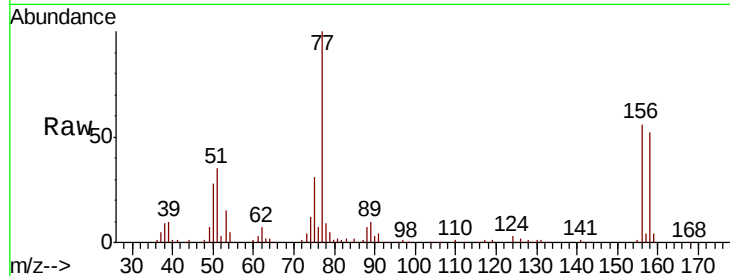
Tot Ion:156 Resp: 39759

Ion Ratio Lower Upper

156 100

77 212.4 109.0 327.0

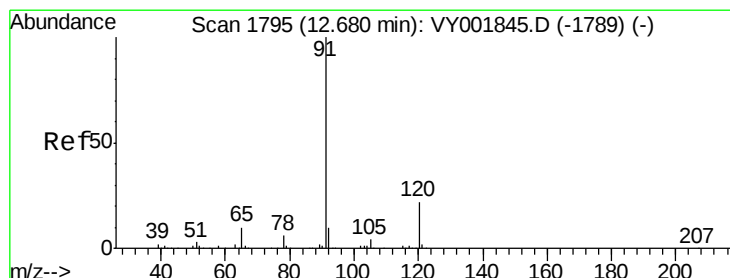
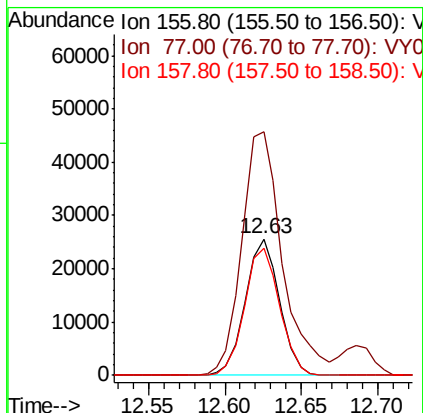
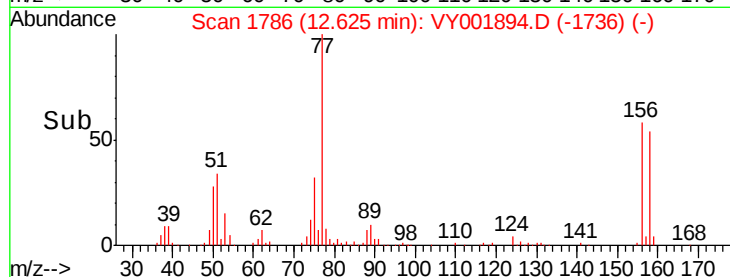
158 95.7 48.9 146.8



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: 19.912 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001894.D

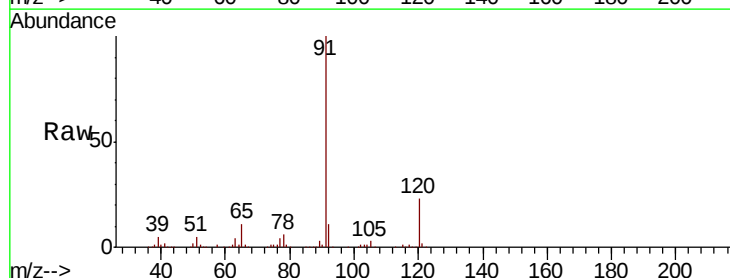
Acq: 06 Mar 2020 12:19

Tgt Ion: 91 Resp: 230346

Ion Ratio Lower Upper

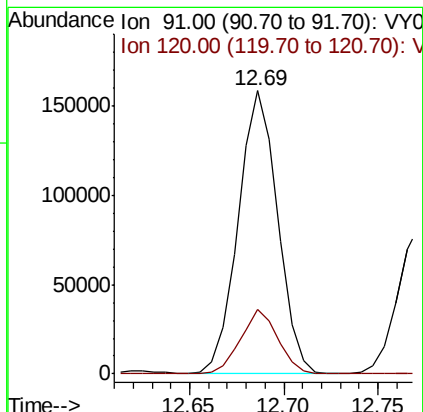
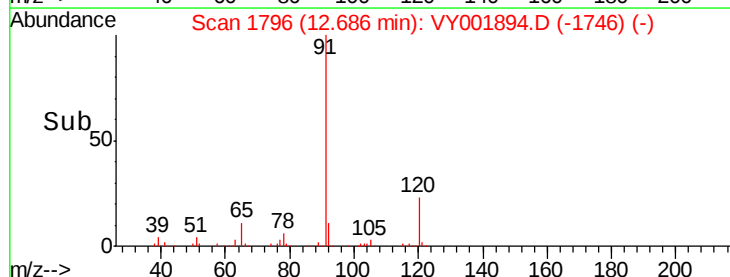
91 100

120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.758 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

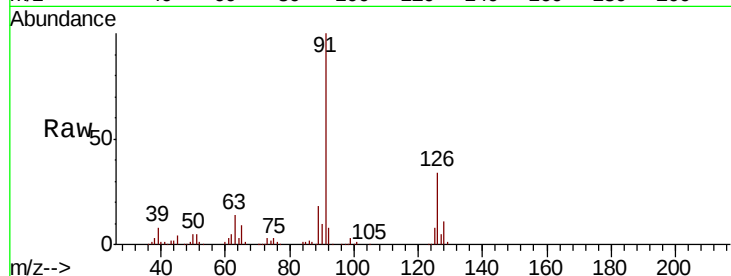
ClientSampled :

Tot Ion: 91 Resp: 126281

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

150000

100000

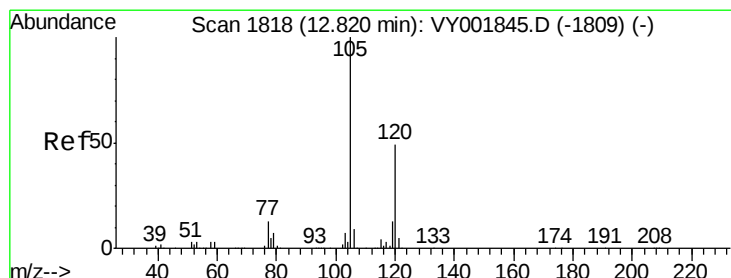
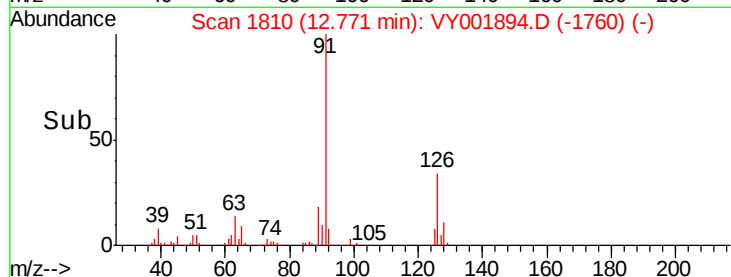
50000

0

12.70 12.75 12.80

12.77

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.767 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001894.D

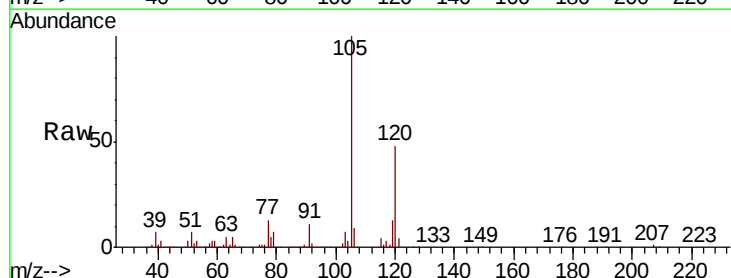
Acq: 06 Mar 2020 12:19

Tgt Ion: 105 Resp: 152587

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

120000

100000

80000

60000

40000

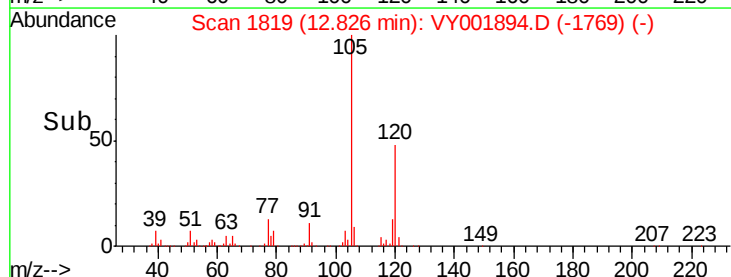
20000

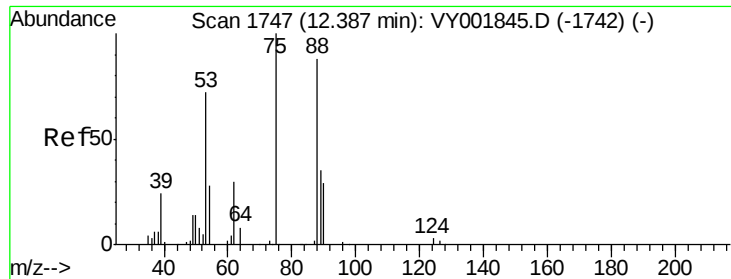
0

12.80 12.85 12.90

12.83

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.134 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampled :

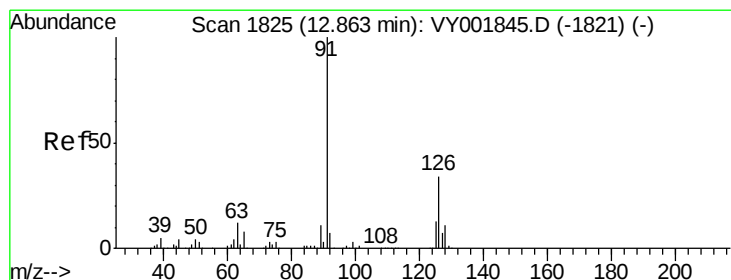
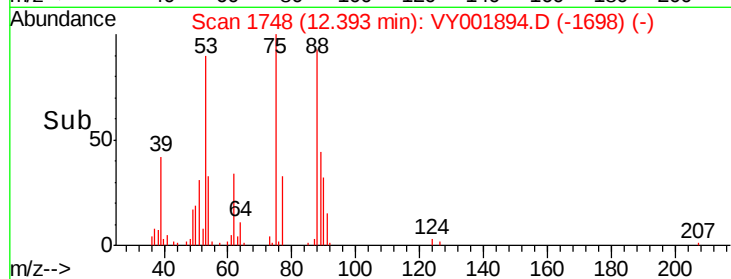
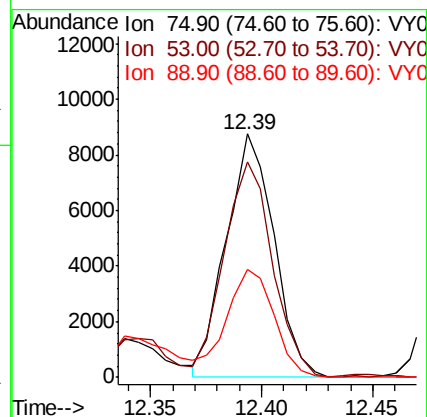
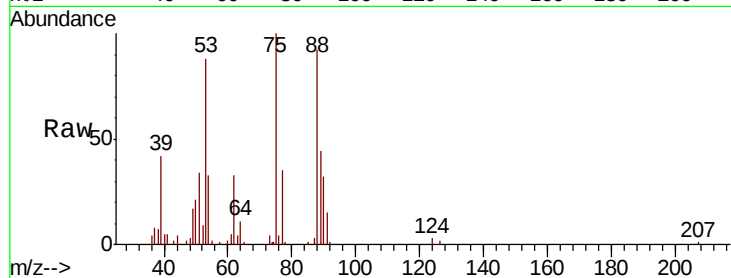
Tot Ion: 75 Resp: 13085

Ion Ratio Lower Upper

75 100

53 89.8 65.4 98.0

89 44.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.140 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001894.D

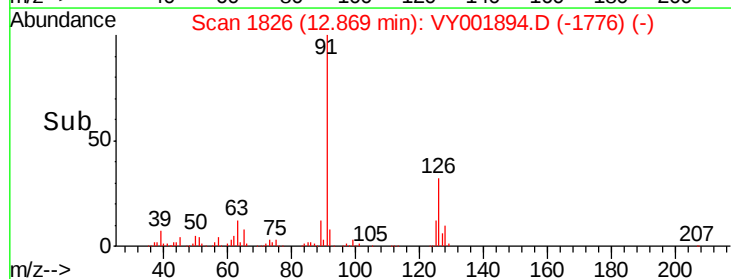
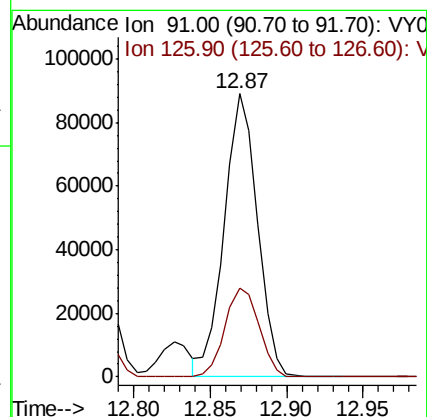
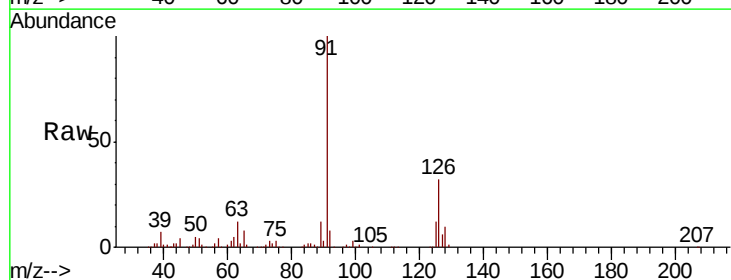
Acq: 06 Mar 2020 12:19

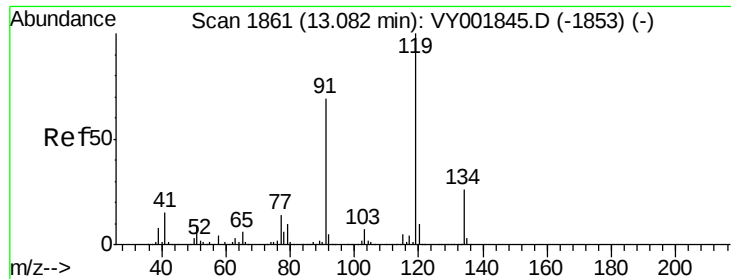
Tgt Ion: 91 Resp: 134024

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.2





#83

tert-Butylbenzene

Concen: 19.793 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampled :

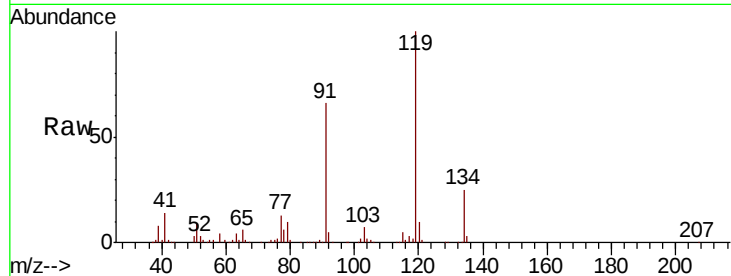
Tot Ion:119 Resp: 126907

Ion Ratio Lower Upper

119 100

91 65.7 34.0 101.8

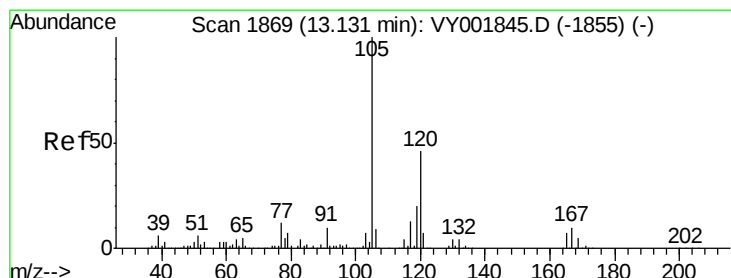
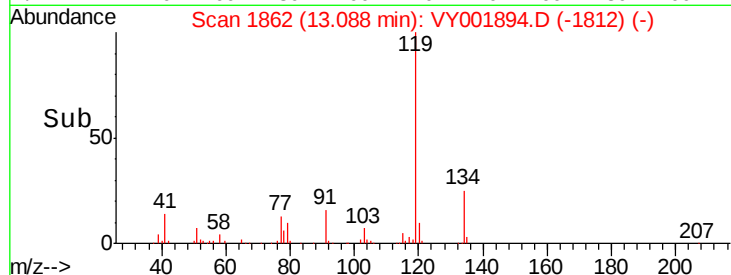
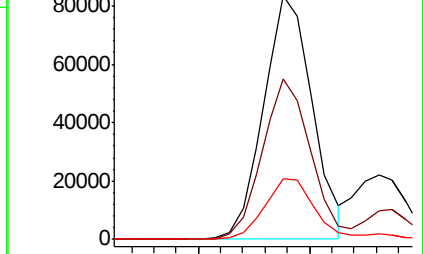
134 27.0 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.809 ug/l

RT: 13.14 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VY001894.D

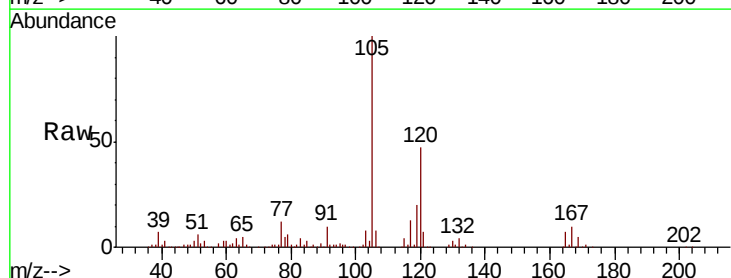
Acq: 06 Mar 2020 12:19

Tgt Ion:105 Resp: 151751

Ion Ratio Lower Upper

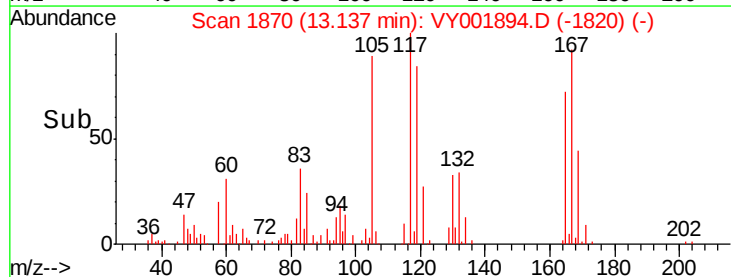
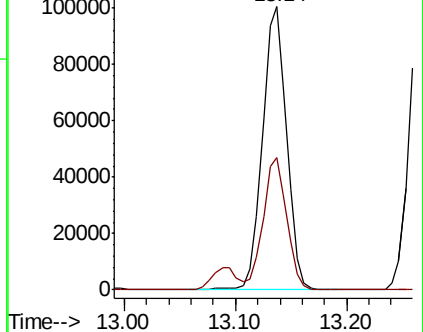
105 100

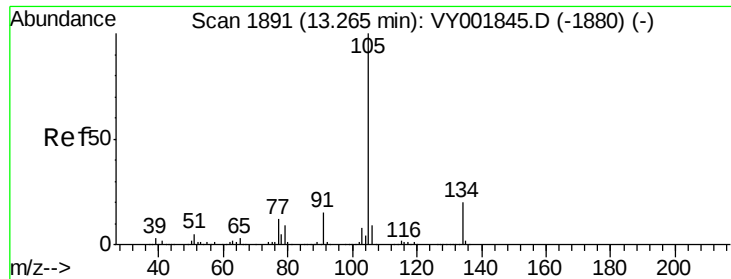
120 45.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.898 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

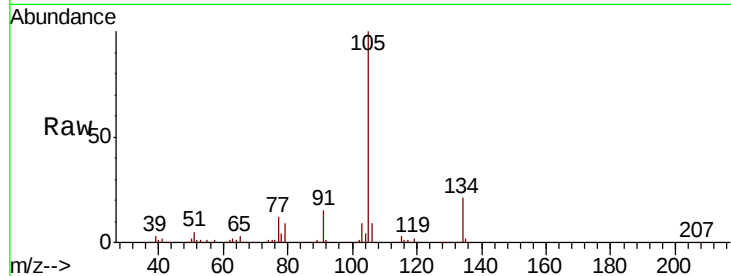
ClientSampled :

Tot Ion:105 Resp: 188044

Ion Ratio Lower Upper

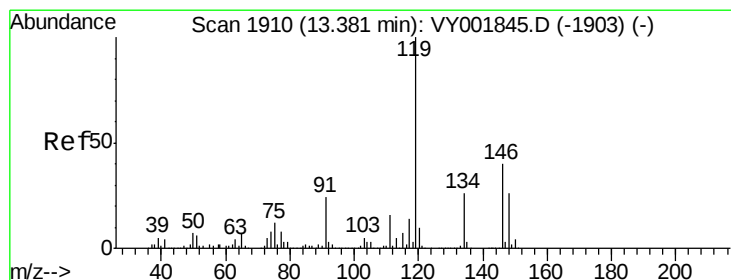
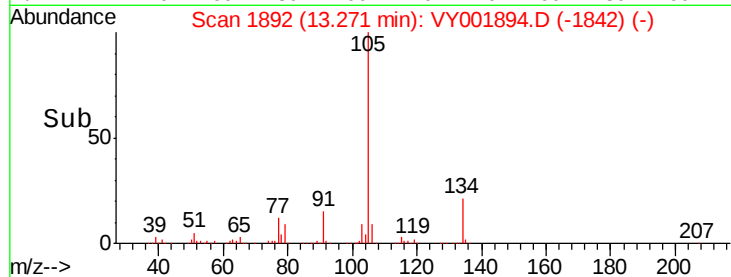
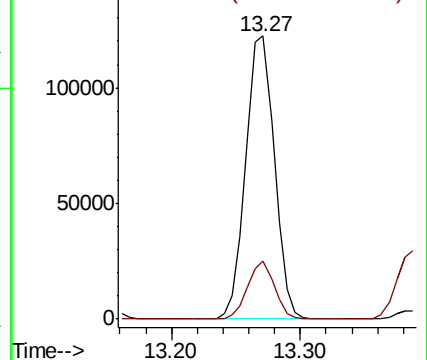
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.187 ug/l

RT: 13.39 min Scan# 1911

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

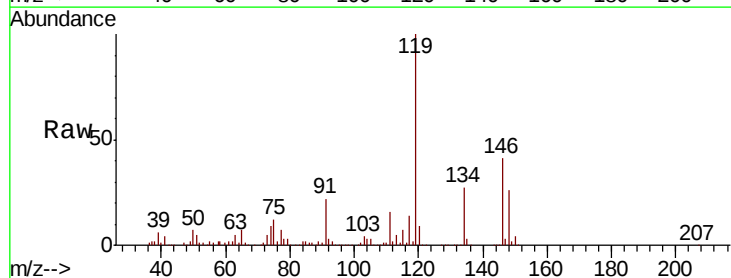
Tgt Ion:119 Resp: 164572

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

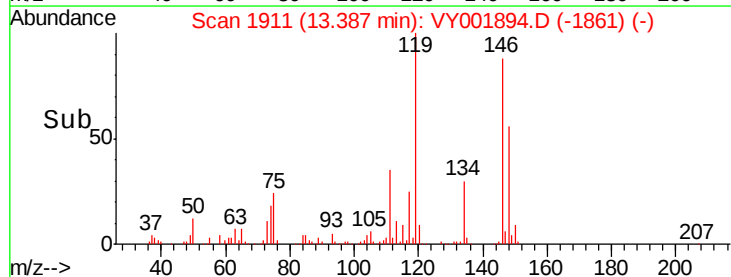
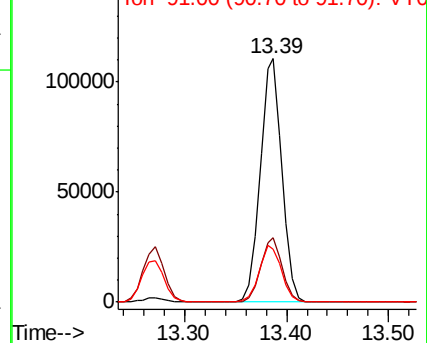
91 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.039 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

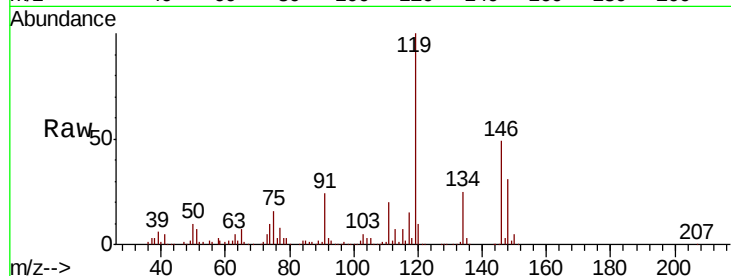
Tot Ion:146 Resp: 78013

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.5

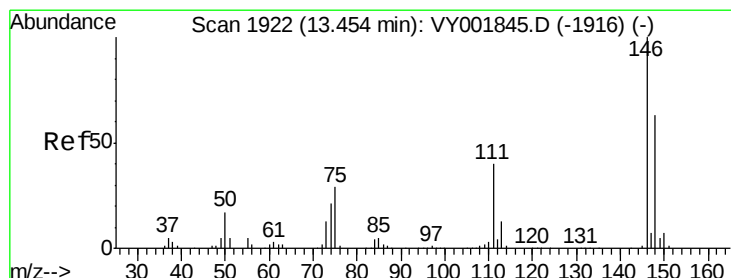
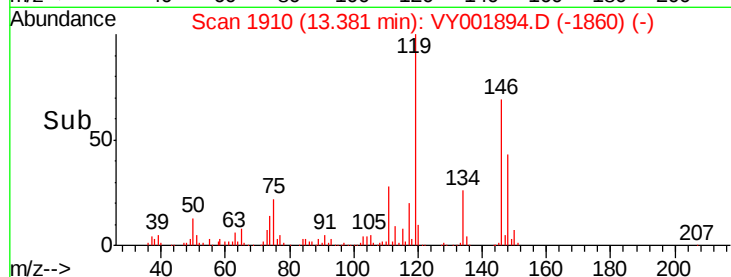
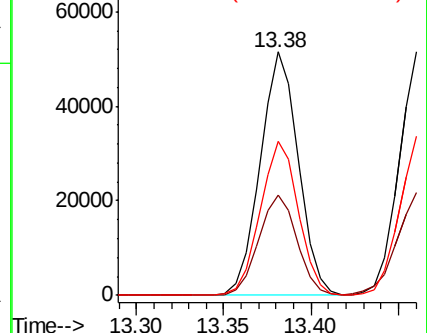
148 63.2 31.4 94.0



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



#88

1,4-Dichlorobenzene

Concen: 19.867 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

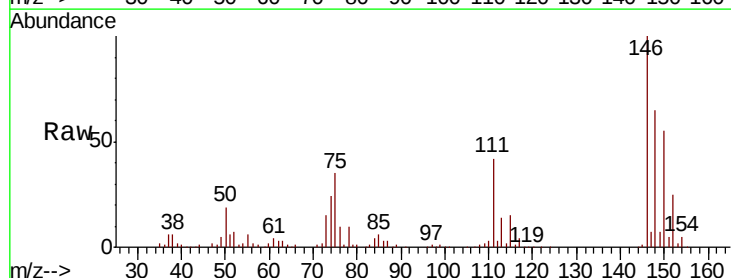
Tgt Ion:146 Resp: 78463

Ion Ratio Lower Upper

146 100

111 41.8 20.0 60.0

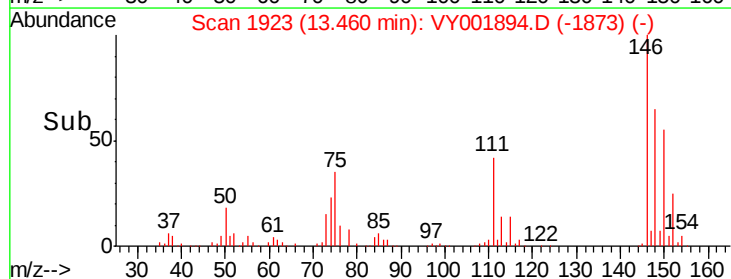
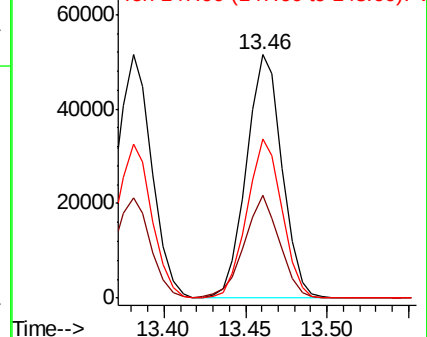
148 64.6 31.5 94.5

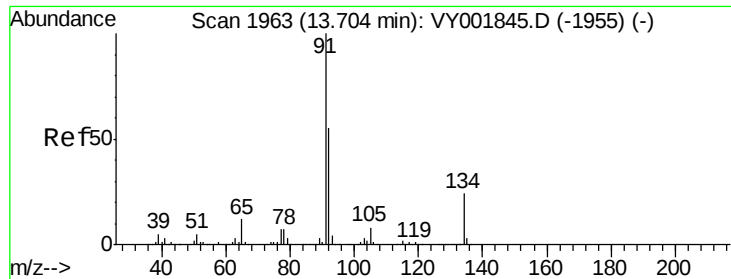


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

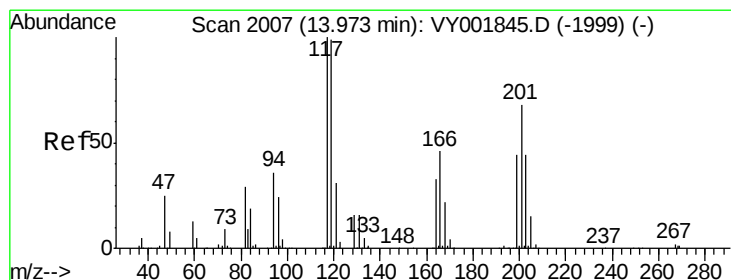
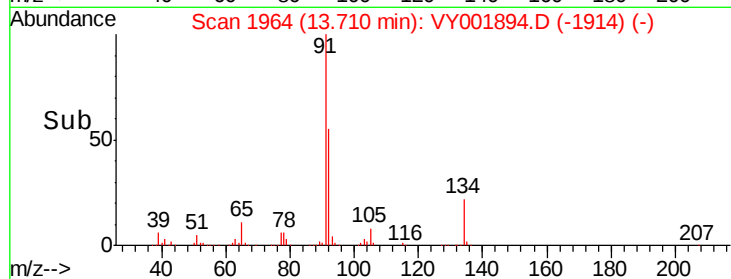
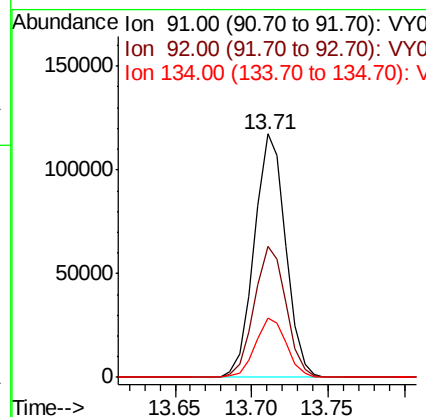
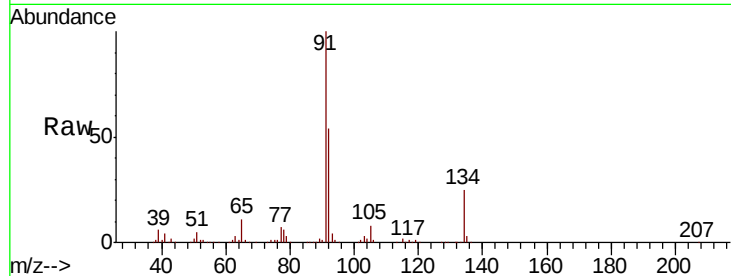




#89
n-Butylbenzene
Concen: 19.770 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

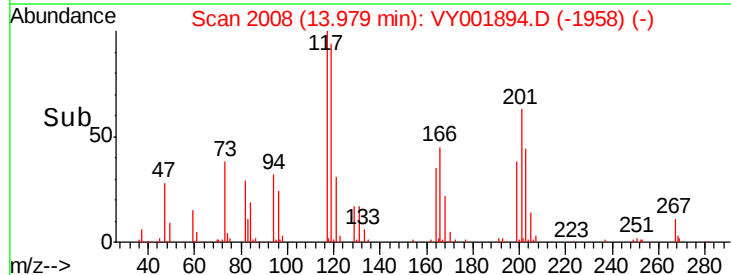
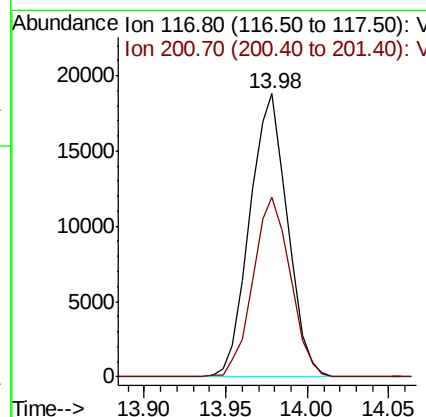
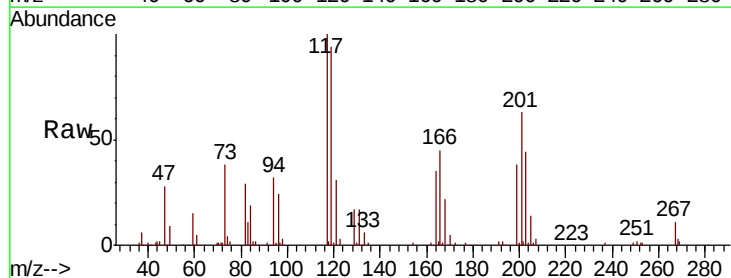
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 167213
Ion Ratio Lower Upper
91 100
92 54.5 27.5 82.4
134 24.3 12.5 37.5



#90
Hexachloroethane
Concen: 19.631 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion: 117 Resp: 30192
Ion Ratio Lower Upper
117 100
201 63.4 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 19.932 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

Instrument :

MSVOA_Y

ClientSampled :

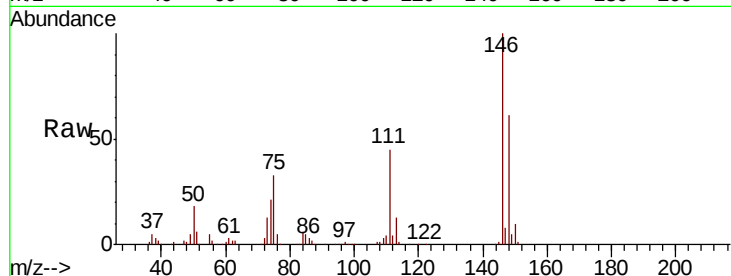
Tot Ion:146 Resp: 70494

Ion Ratio Lower Upper

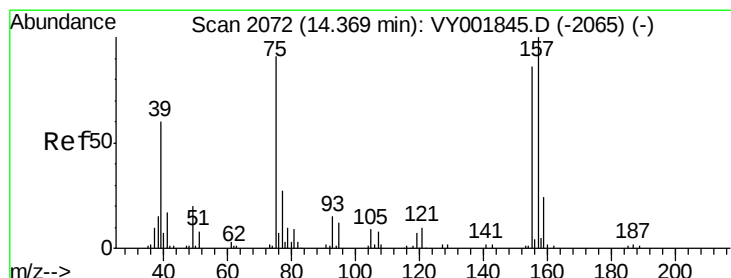
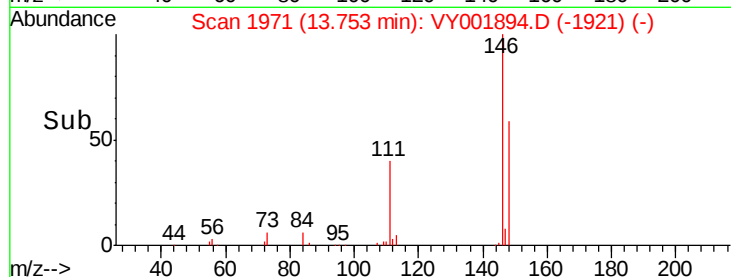
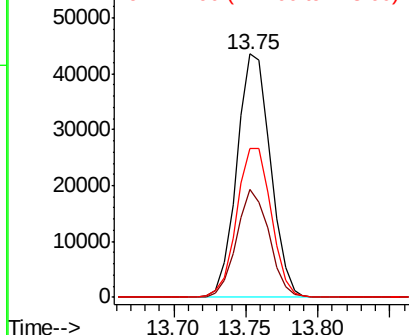
146 100

111 42.9 21.5 64.5

148 63.1 32.0 96.0



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: 18.663 ug/l

RT: 14.37 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY001894.D

Acq: 06 Mar 2020 12:19

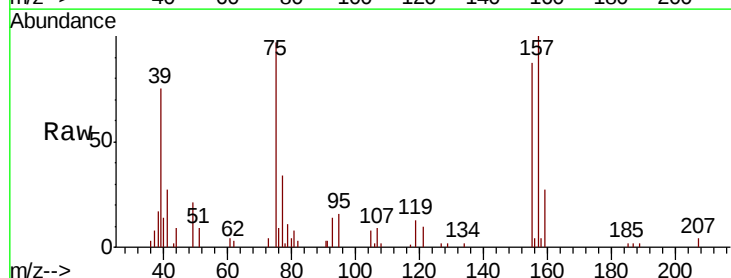
Tgt Ion: 75 Resp: 5889

Ion Ratio Lower Upper

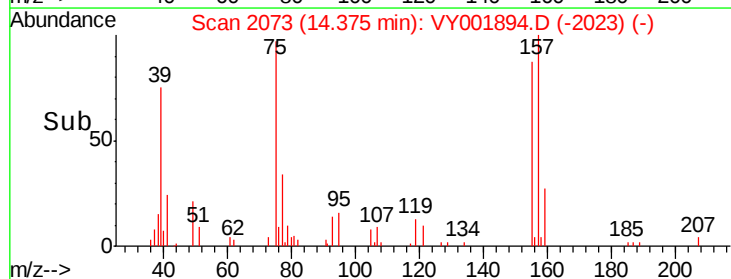
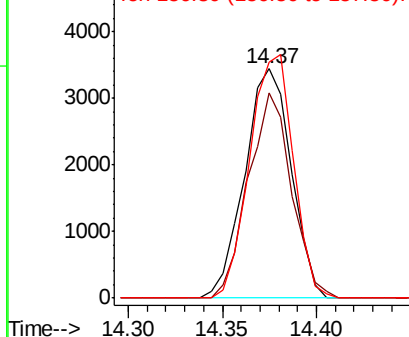
75 100

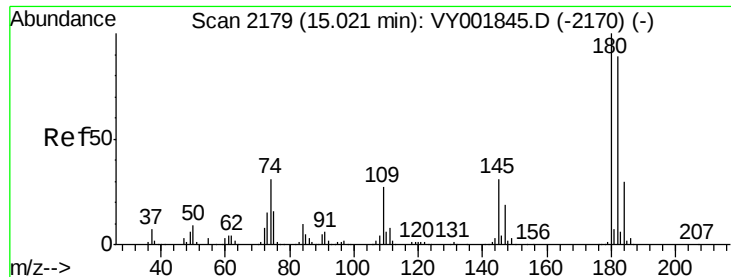
155 83.3 42.9 128.7

157 99.8 53.1 159.4



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

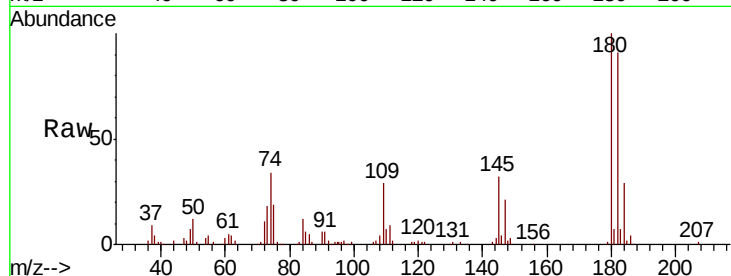




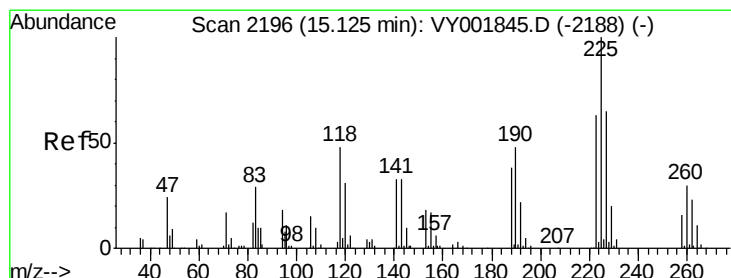
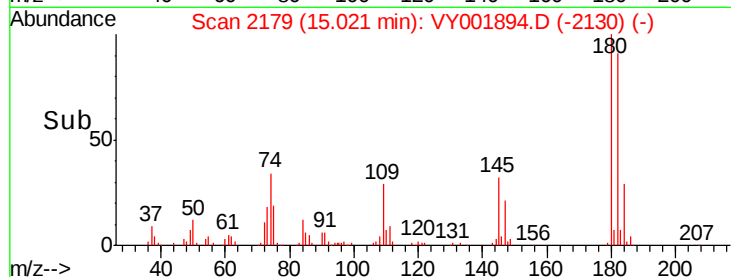
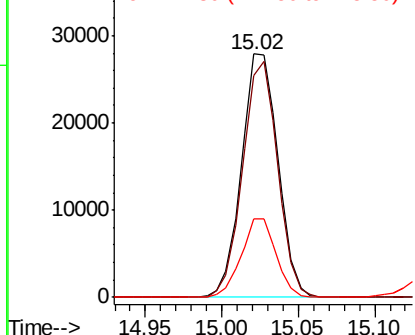
#93
1,2,4-Trichlorobenzene
Concen: 20.116 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.1	138.3
145	30.8	15.6	46.8

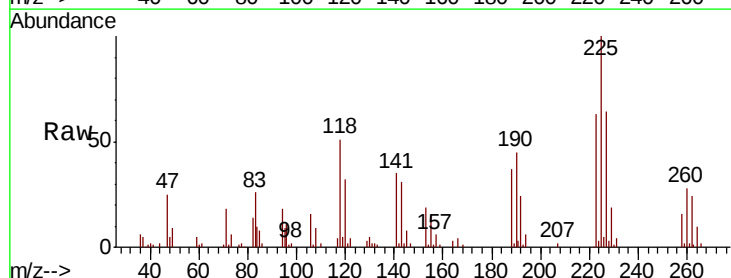


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

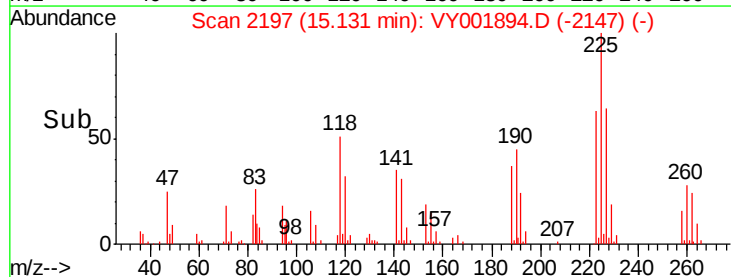
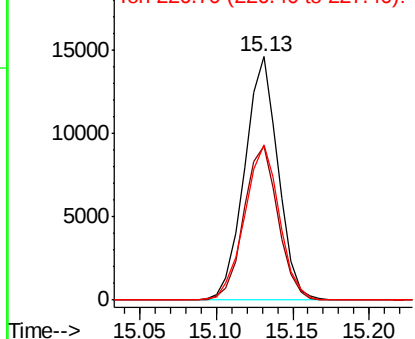


#94
Hexachlorobutadiene
Concen: 19.893 ug/l
RT: 15.13 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.5	94.5
227	66.2	31.9	95.5



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

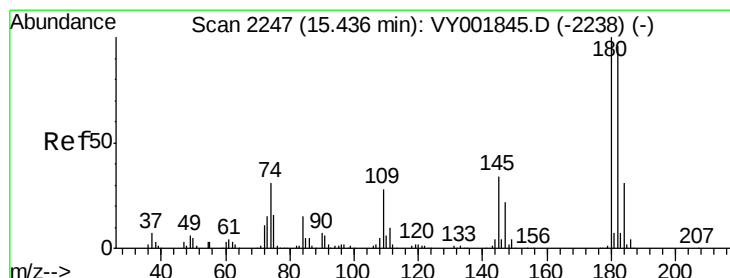
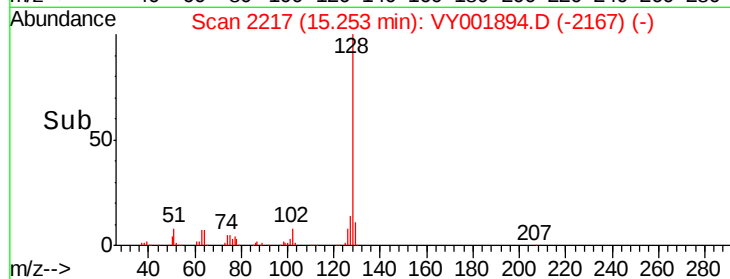
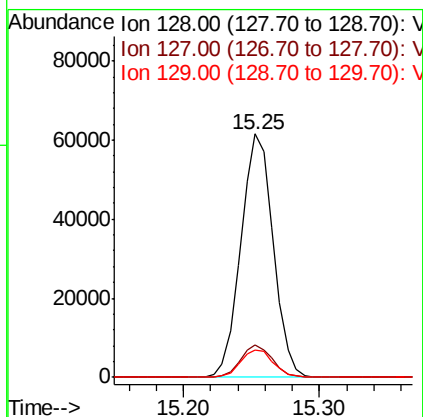
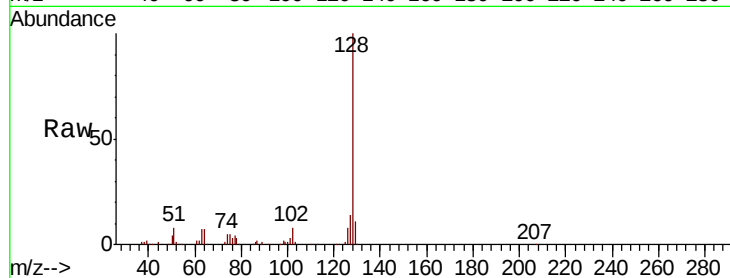




#95
Naphthalene
Concen: 18.798 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 102268
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.291 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001894.D
Acq: 06 Mar 2020 12:19

Tgt Ion:180 Resp: 40999
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.9
145 34.0 16.8 50.3

