

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001120.D
 Acq On : 30 Dec 2019 13:11
 Operator : SY/MD
 Sample : VY1230SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 05:33:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	314973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	550319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	225795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	144205	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
35) Dibromofluoromethane	7.72	113	154639	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
50) Toluene-d8	10.18	98	627536	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	204295	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	52148	19.000	ug/l	94
3) Chloromethane	2.12	50	51048	13.666	ug/l	92
4) Vinyl Chloride	2.25	62	52804	14.556	ug/l	97
5) Bromomethane	2.63	94	36019	15.068	ug/l	91
6) Chloroethane	2.79	64	33680	14.907	ug/l #	88
7) Trichlorofluoromethane	3.12	101	98605	18.532	ug/l	99
8) Diethyl Ether	3.53	74	41944	19.312	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	66464	19.016	ug/l	95
10) Methyl Iodide	4.09	142	90857	18.815	ug/l	99
11) Tert butyl alcohol	4.96	59	31232	91.437	ug/l #	92
12) 1,1-Dichloroethene	3.87	96	69994	19.781	ug/l	97
13) Acrolein	3.74	56	35985	85.027	ug/l	99
14) Allyl chloride	4.49	41	90570	16.476	ug/l	96
15) Acrylonitrile	5.17	53	101752	93.740	ug/l	98
16) Acetone	3.95	43	70481	98.484	ug/l	94
17) Carbon Disulfide	4.19	76	215908	18.673	ug/l	99
18) Methyl Acetate	4.49	43	45835	16.694	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	169434	18.552	ug/l	95
20) Methylene Chloride	4.72	84	90163	21.404	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	75641	19.289	ug/l	89
22) Diisopropyl ether	6.13	45	190607	17.155	ug/l	97
23) Vinyl Acetate	6.07	43	593383	84.564	ug/l	100
24) 1,1-Dichloroethane	6.02	63	118367	18.027	ug/l	99
25) 2-Butanone	6.99	43	113438	90.229	ug/l	94
26) 2,2-Dichloropropane	6.99	77	98486	18.257	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	83521	19.386	ug/l	93
28) Bromochloromethane	7.34	49	40782	15.919	ug/l	84
29) Tetrahydrofuran	7.35	42	76658	85.719	ug/l	94
30) Chloroform	7.52	83	113935	18.351	ug/l	97
31) Cyclohexane	7.78	56	122963	17.809	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	99176	18.726	ug/l	98
36) 1,1-Dichloropropene	7.93	75	97180	18.511	ug/l	98
37) Ethyl Acetate	7.08	43	47523	16.348	ug/l #	91
38) Carbon Tetrachloride	7.90	117	87338	18.987	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	131136	18.810	ug/l	98
40) Benzene	8.17	78	299235	18.893	ug/l	98
41) Methacrylonitrile	7.35	41	64419	51.113	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	69711	18.409	ug/l	98
43) Isopropyl Acetate	8.28	43	90855	16.883	ug/l #	94
44) Trichloroethene	8.94	130	81612	19.557	ug/l	97
45) 1,2-Dichloropropane	9.22	63	74079	18.644	ug/l	98
46) Dibromomethane	9.31	93	39135	19.107	ug/l	94
47) Bromodichloromethane	9.50	83	87578	18.459	ug/l	96
48) Methyl methacrylate	9.30	41	38813	16.902	ug/l	91
49) 1,4-Dioxane	9.30	88	12720	424.537	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	241961	86.267	ug/l	97
52) Toluene	10.24	92	186980	19.180	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	94403	18.334	ug/l	95
54) cis-1,3-Dichloropropene	9.92	75	114431	18.482	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	60659	19.838	ug/l	96
56) Ethyl methacrylate	10.51	69	79235	18.207	ug/l	95
57) 1,3-Dichloropropane	10.79	76	99287	18.525	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	157164	93.502	ug/l	96
59) 2-Hexanone	10.83	43	160860	82.885	ug/l	95
60) Dibromochloromethane	10.99	129	60755	18.601	ug/l	96
61) 1,2-Dibromoethane	11.09	107	57963	19.823	ug/l	97
64) Tetrachloroethene	10.72	164	86641	20.926	ug/l	99
65) Chlorobenzene	11.51	112	198026	19.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	64960	19.832	ug/l	100
67) Ethyl Benzene	11.59	91	337087	18.881	ug/l	97
68) m/p-Xylenes	11.70	106	267187	39.415	ug/l	97
69) o-Xylene	12.02	106	127449	19.985	ug/l	96
70) Styrene	12.04	104	213198	19.661	ug/l	98
71) Bromoform	12.20	173	36998	20.285	ug/l #	97
73) Isopropylbenzene	12.33	105	329894	18.880	ug/l	99
74) N-amyl acetate	12.14	43	73808	16.079	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	63105	18.333	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	87080	31.283	ug/l #	100
77) Bromobenzene	12.61	156	75061	19.101	ug/l	93
78) n-propylbenzene	12.67	91	402912	18.924	ug/l	98
79) 2-Chlorotoluene	12.75	91	211721	18.007	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	271166	18.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23196	17.773	ug/l	97
82) 4-Chlorotoluene	12.85	91	224038	18.345	ug/l	99
83) tert-Butylbenzene	13.07	119	224731	18.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	269073	18.695	ug/l	99
85) sec-Butylbenzene	13.25	105	334896	18.895	ug/l	100
86) p-Isopropyltoluene	13.36	119	291766	19.024	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	147669	19.565	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	147192	19.332	ug/l	99
89) n-Butylbenzene	13.69	91	289695	18.774	ug/l	98
90) Hexachloroethane	13.95	117	54773	18.956	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	131635	18.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	9879	17.154	ug/l	87

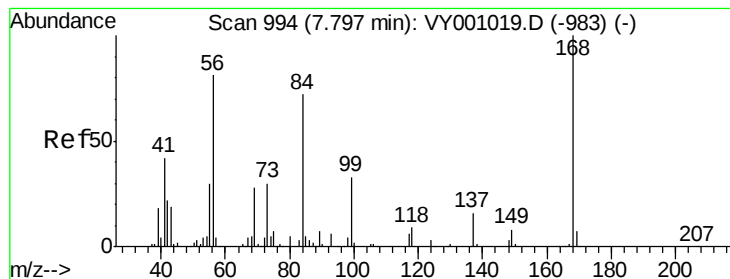
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	91436	19.457	ug/l	98
94) Hexachlorobutadiene	15.11	225	44308	19.814	ug/l	98
95) Naphthalene	15.23	128	213258	19.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83398	19.900	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

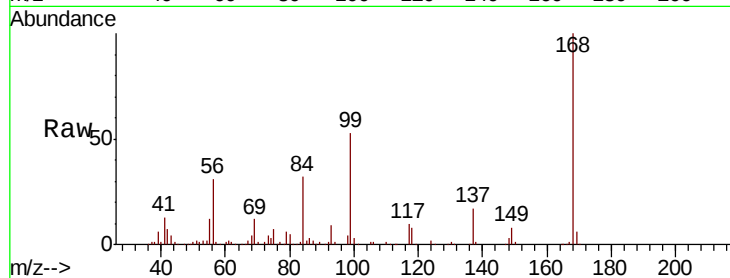
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 314973

Ion Ratio Lower Upper

168 100

99 53.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001120.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001120.D (-945) (-)

7.80

150000

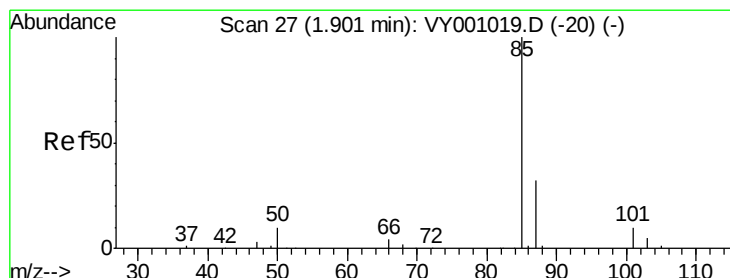
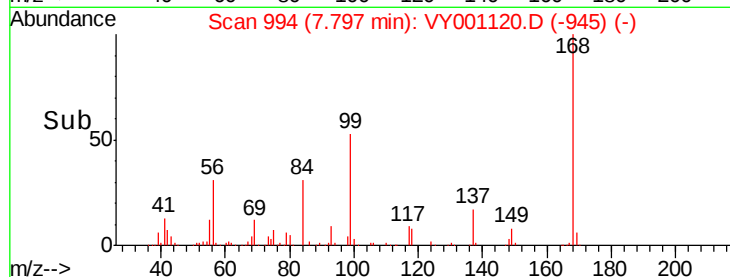
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.000 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001120.D

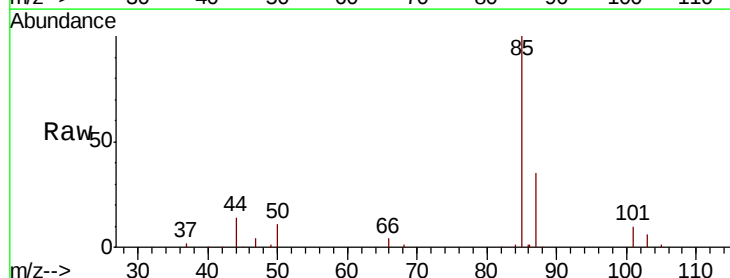
Acq: 30 Dec 2019 13:11

Tgt Ion: 85 Resp: 52148

Ion Ratio Lower Upper

85 100

87 35.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001120.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001120.D (-1) (-)

1.90

30000

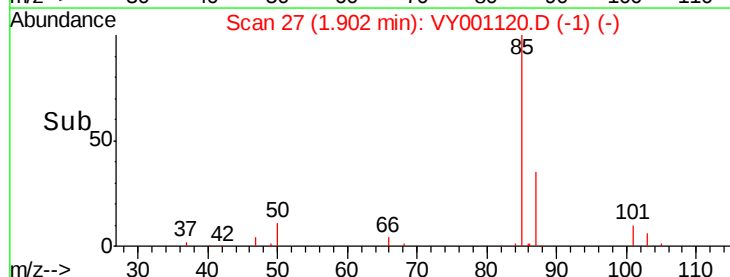
20000

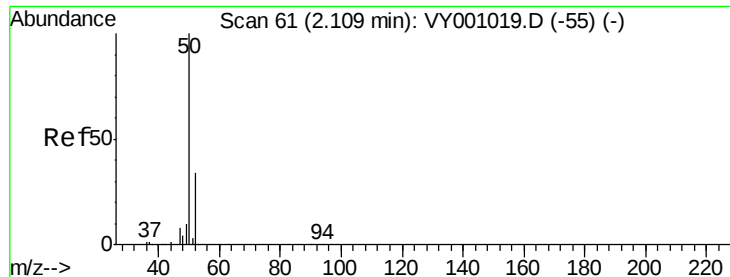
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 13.666 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

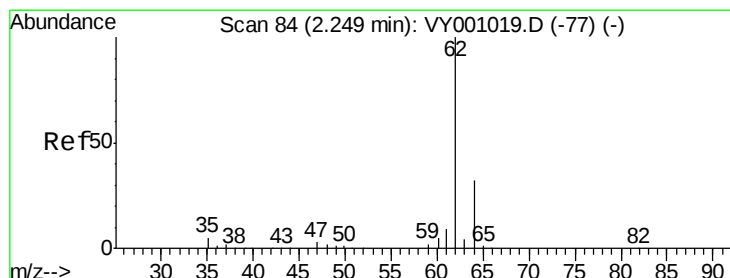
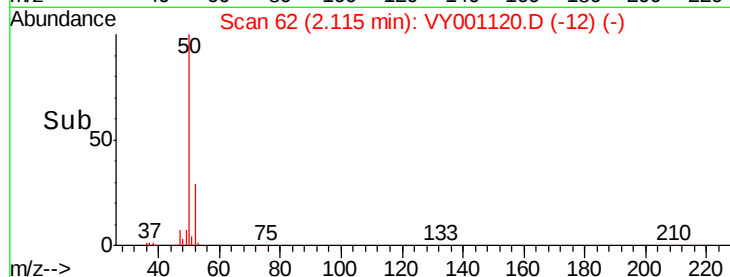
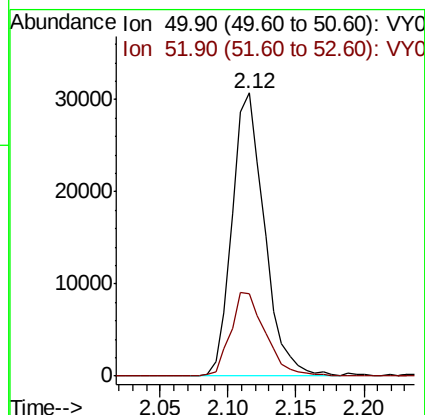
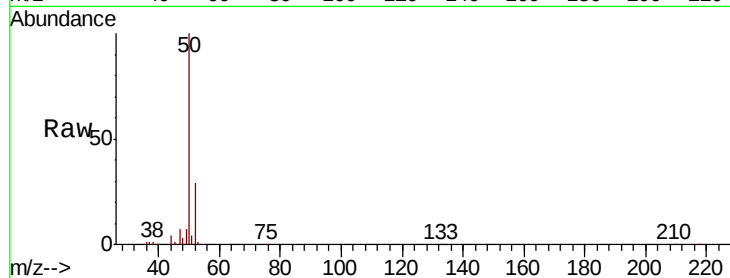
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 51048

Ion Ratio Lower Upper

50 100

52 29.3 27.1 40.7



#4

Vinyl Chloride

Concen: 14.556 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001120.D

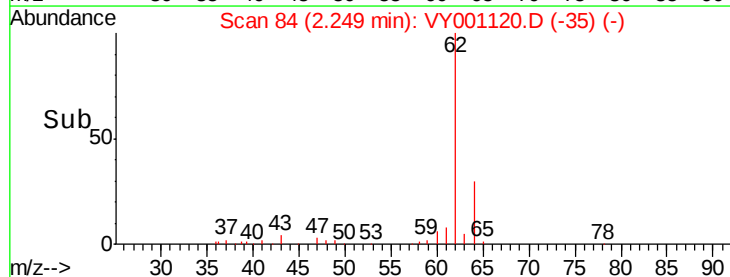
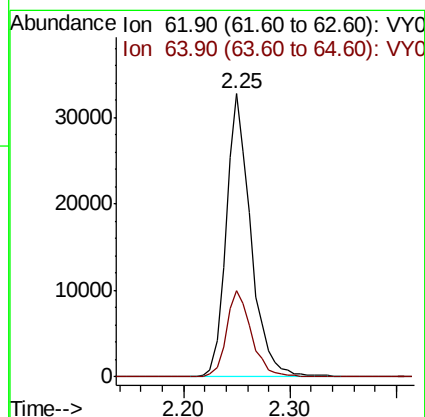
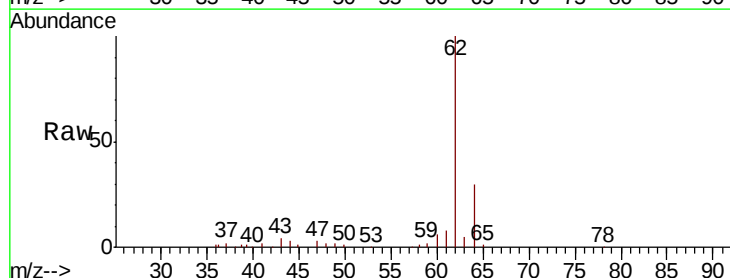
Acq: 30 Dec 2019 13:11

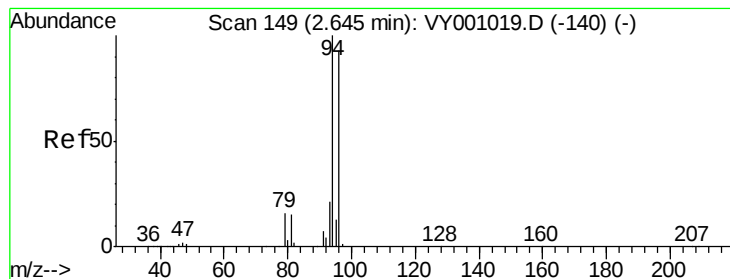
Tgt Ion: 62 Resp: 52804

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 15.068 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

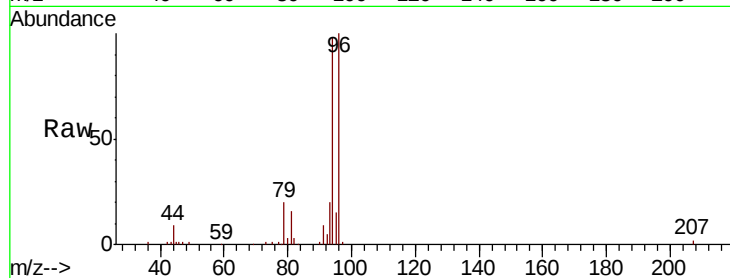
ClientSampleId :

Tot Ion: 94 Resp: 36019

Ion Ratio Lower Upper

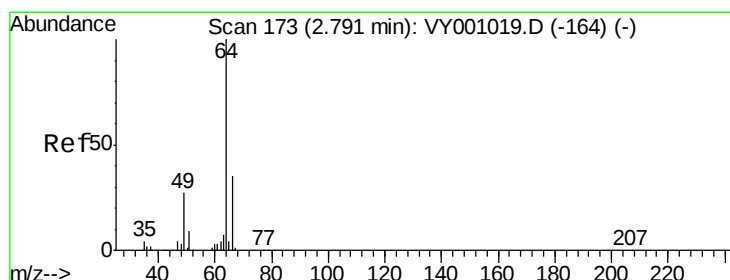
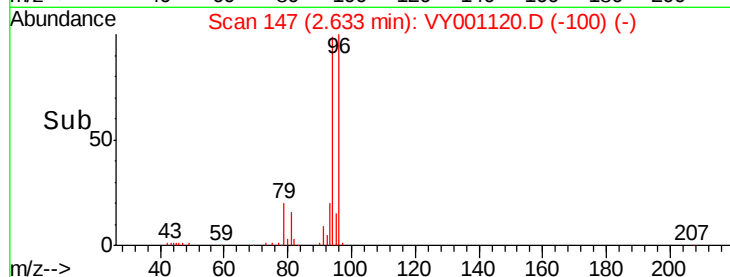
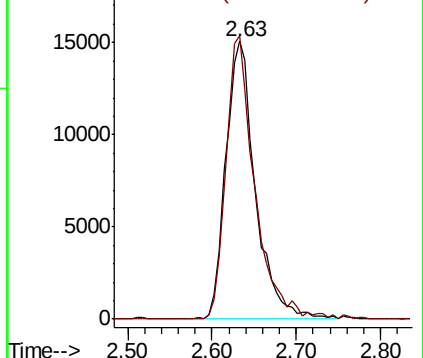
94 100

96 101.9 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 14.907 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001120.D

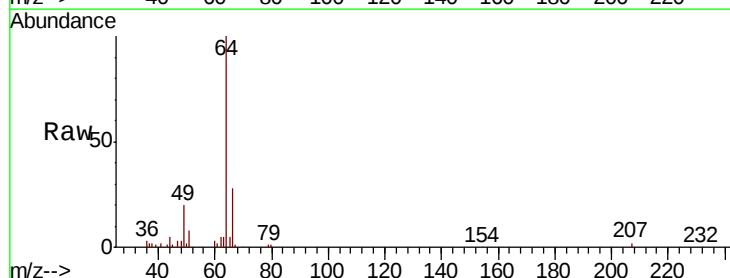
Acq: 30 Dec 2019 13:11

Tgt Ion: 64 Resp: 33680

Ion Ratio Lower Upper

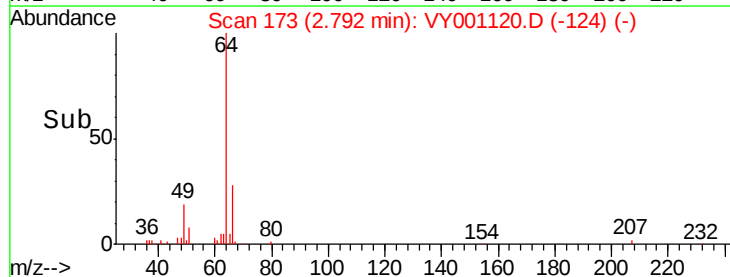
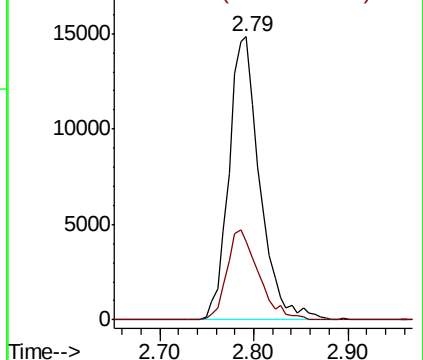
64 100

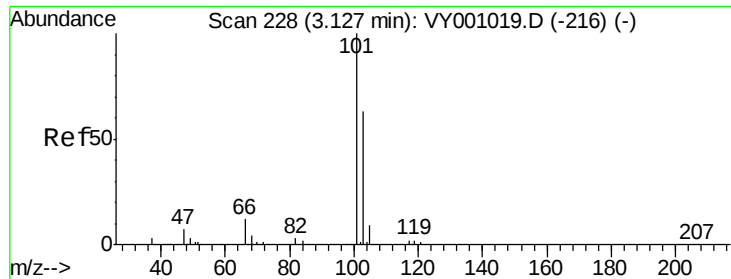
66 27.7 27.8 41.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



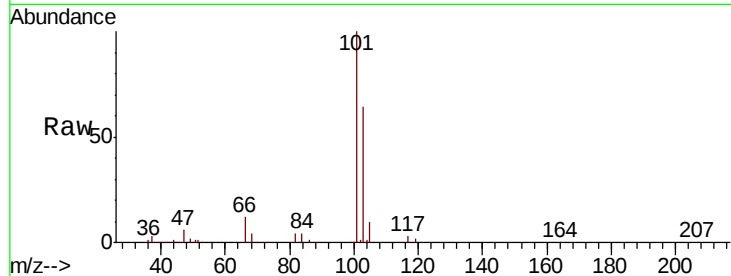


#7

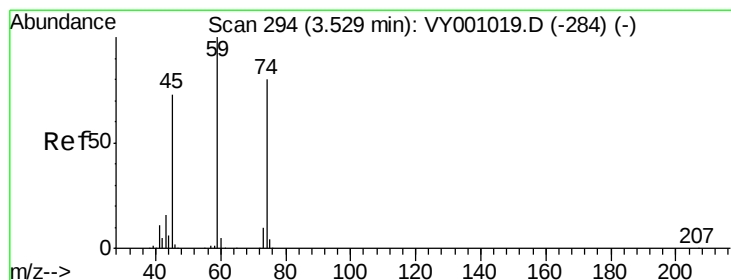
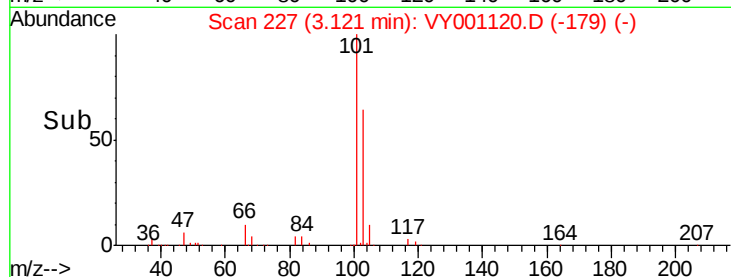
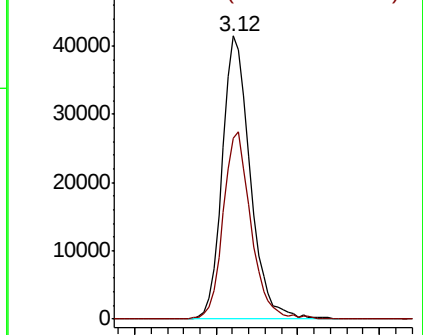
Trichlorofluoromethane
 Concen: 18.532 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 98605
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.2



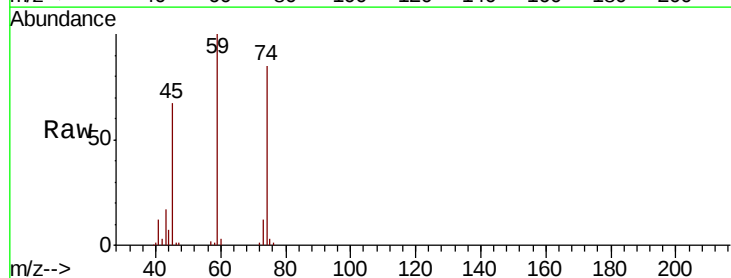
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



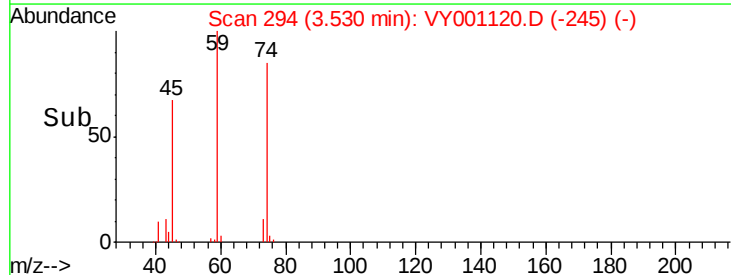
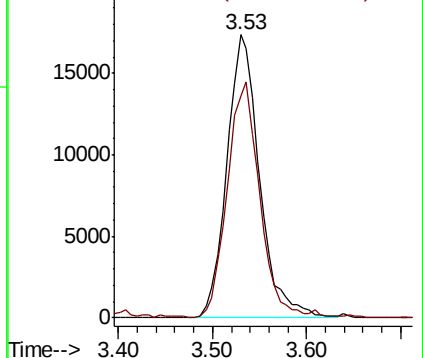
#8

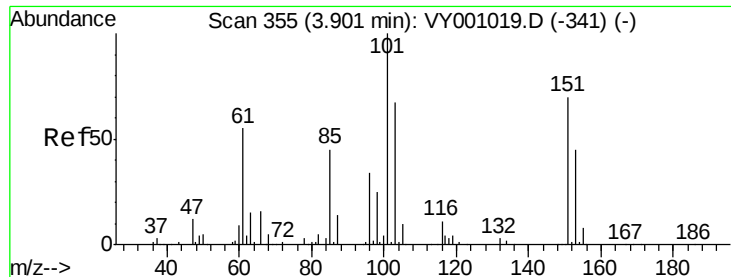
Diethyl Ether
 Concen: 19.312 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 74 Resp: 41944
 Ion Ratio Lower Upper
 74 100
 45 82.6 46.4 139.2



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.016 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

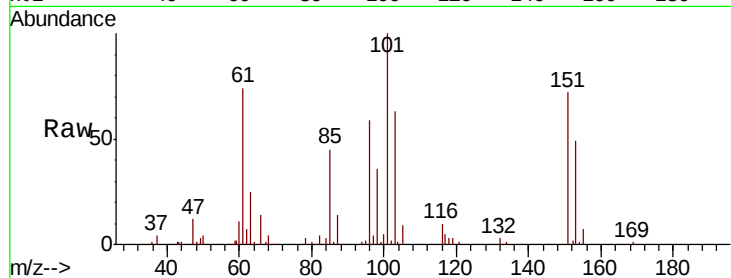
Tot Ion:101 Resp: 66464

Ion Ratio Lower Upper

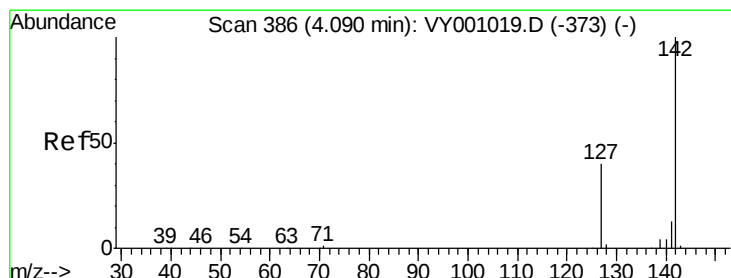
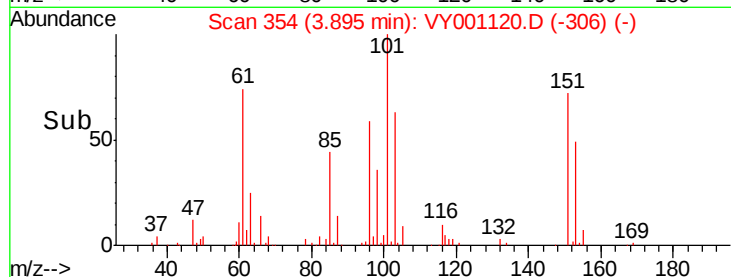
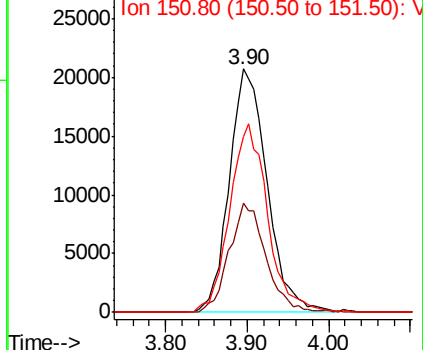
101 100

85 43.2 34.2 51.2

151 77.5 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.815 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

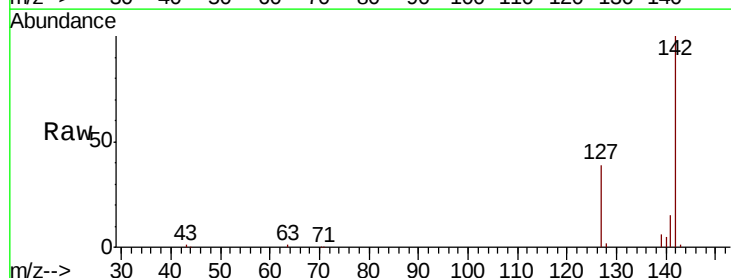
Tgt Ion:142 Resp: 90857

Ion Ratio Lower Upper

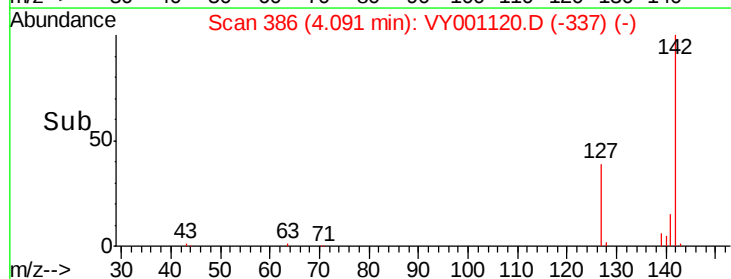
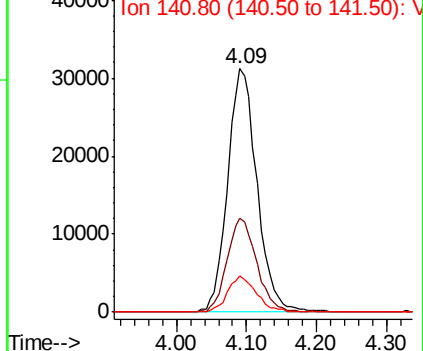
142 100

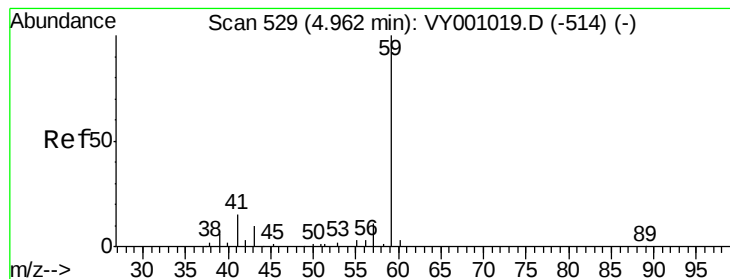
127 38.9 31.2 46.8

141 14.5 11.0 16.4



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



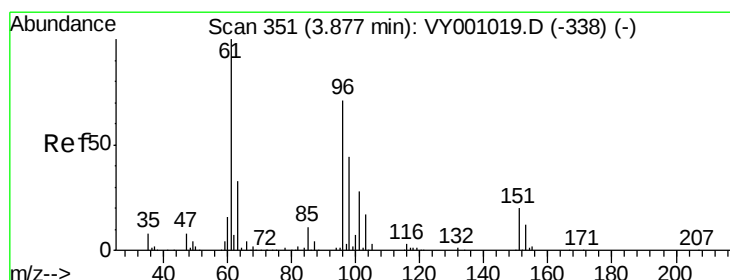
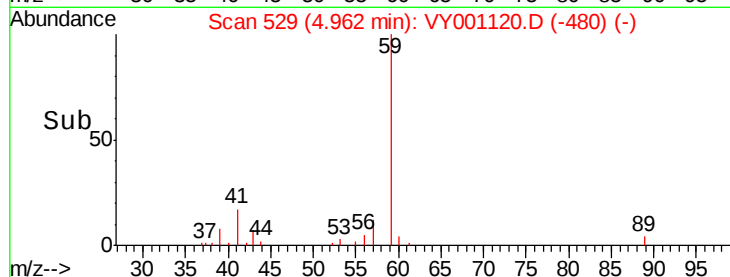
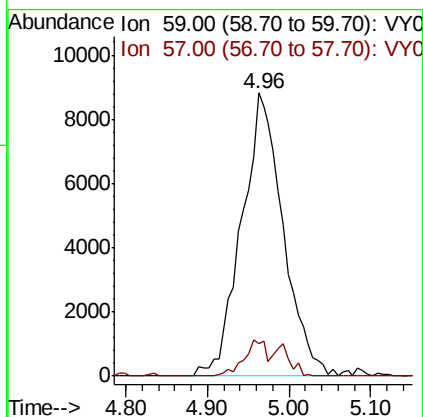
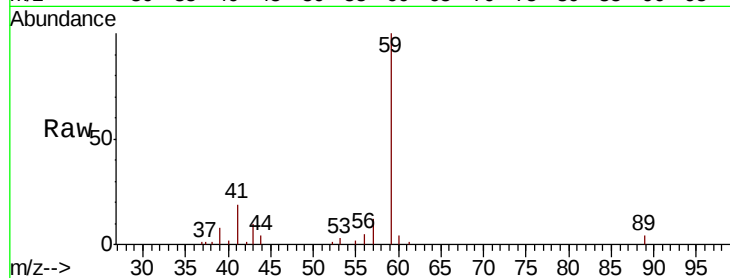


#11

Tert butyl alcohol
 Concen: 91.437 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :

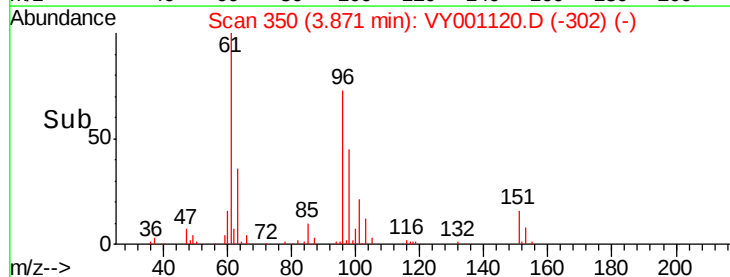
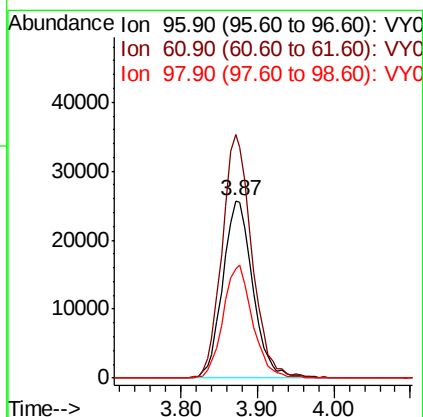
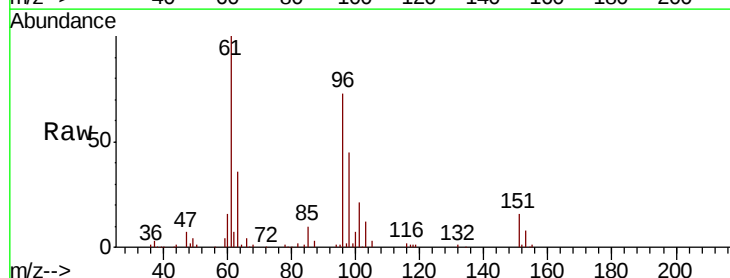
Tot Ion: 59 Resp: 31232
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.8 11.6#

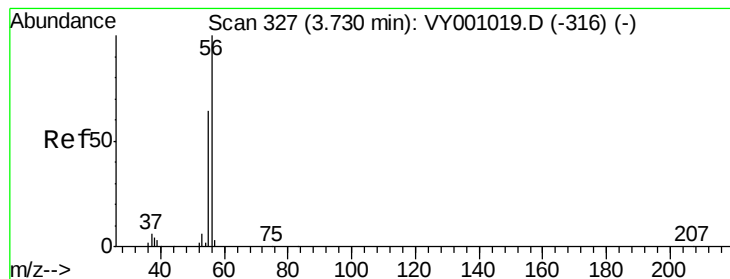


#12

1,1-Dichloroethene
 Concen: 19.781 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 96 Resp: 69994
 Ion Ratio Lower Upper
 96 100
 61 137.2 113.0 169.4
 98 61.6 49.8 74.8





#13

Acrolein

Concen: 85.027 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

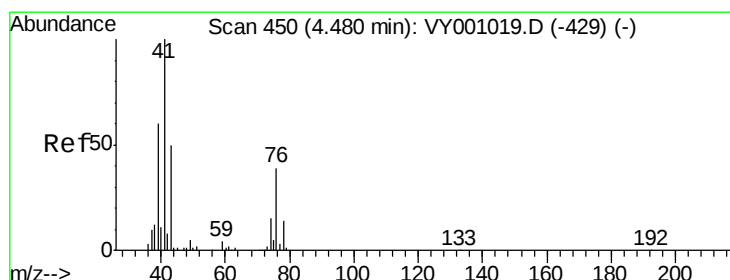
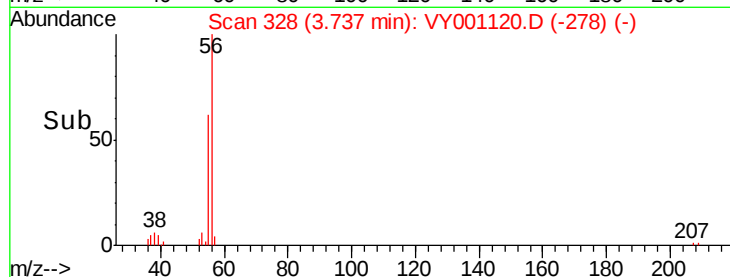
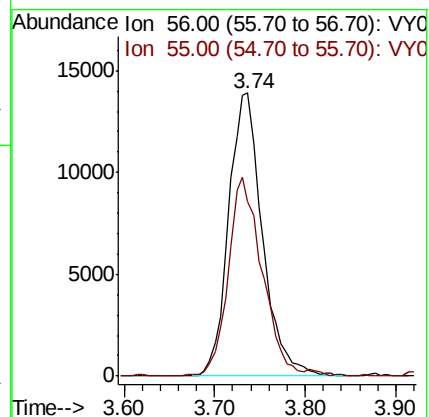
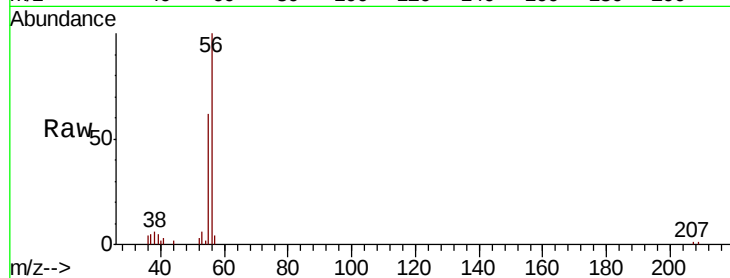
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 35985

Ion Ratio Lower Upper

56 100

55 70.2 55.6 83.4



#14

Allyl chloride

Concen: 16.476 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

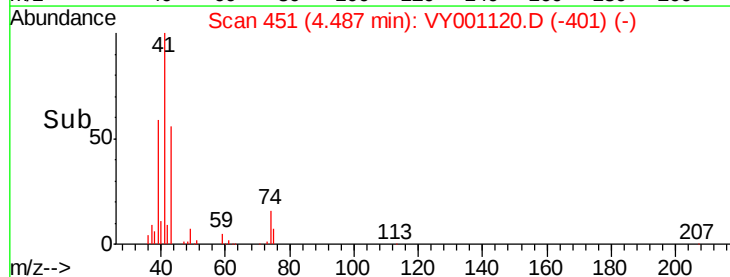
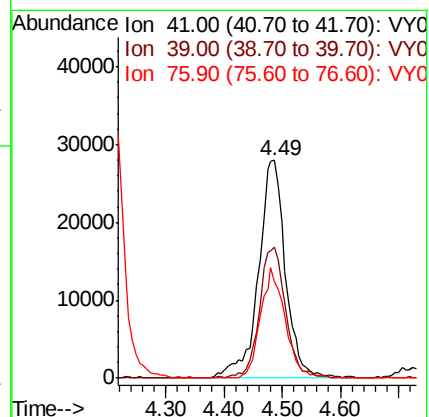
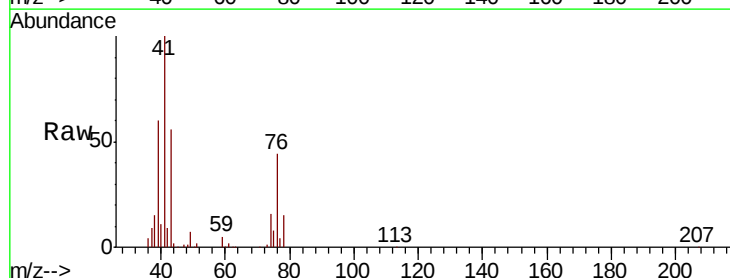
Tgt Ion: 41 Resp: 90570

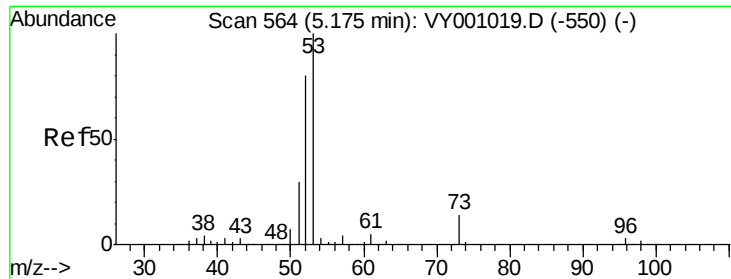
Ion Ratio Lower Upper

41 100

39 58.5 46.0 69.0

76 45.7 32.6 48.8





#15

Acrylonitrile

Concen: 93.740 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

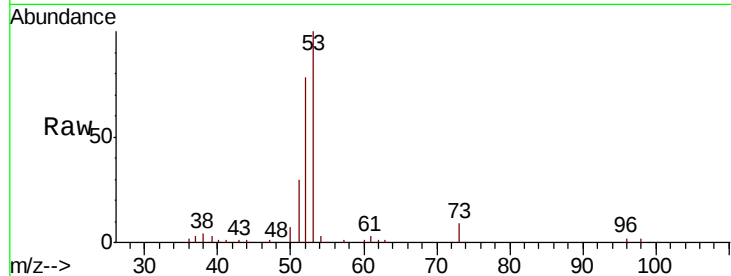
Tot Ion: 53 Resp: 101752

Ion Ratio Lower Upper

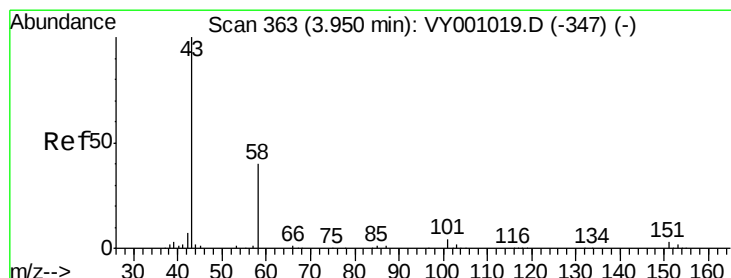
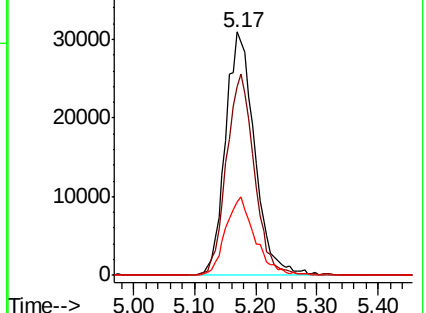
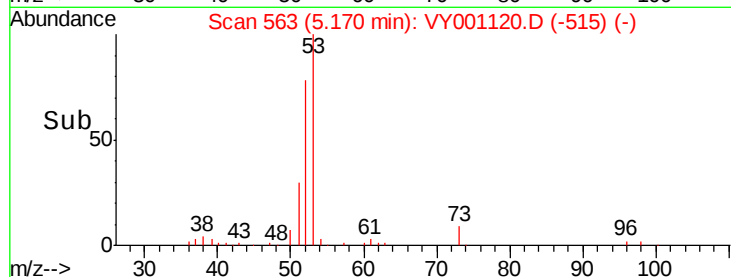
53 100

52 78.2 63.6 95.4

51 32.2 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY001120.D (-515) (-)



#16

Acetone

Concen: 98.484 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001120.D

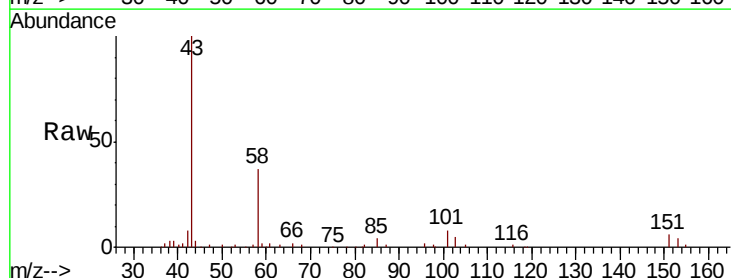
Acq: 30 Dec 2019 13:11

Tgt Ion: 43 Resp: 70481

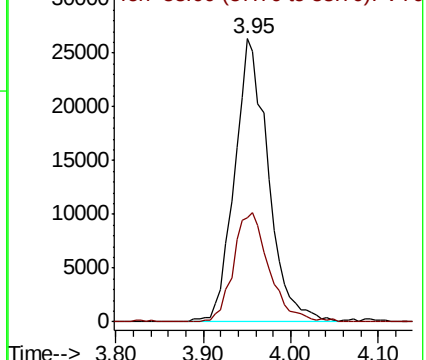
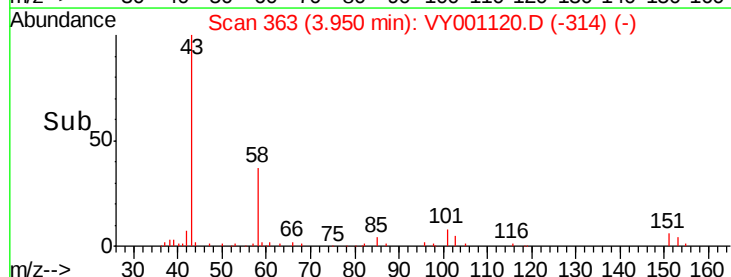
Ion Ratio Lower Upper

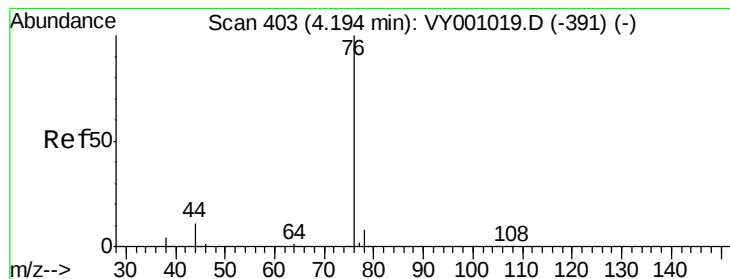
43 100

58 36.7 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001120.D (-314) (-)





#17

Carbon Disulfide

Concen: 18.673 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

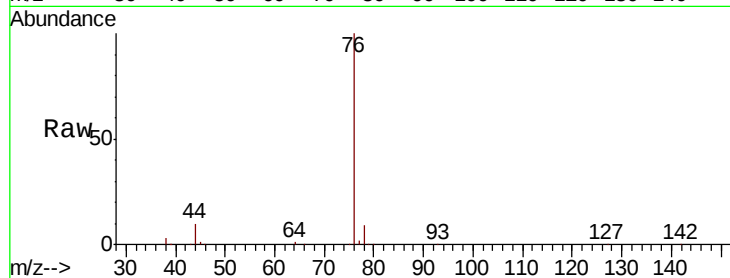
ClientSampleId :

Tot Ion: 76 Resp: 215908

Ion Ratio Lower Upper

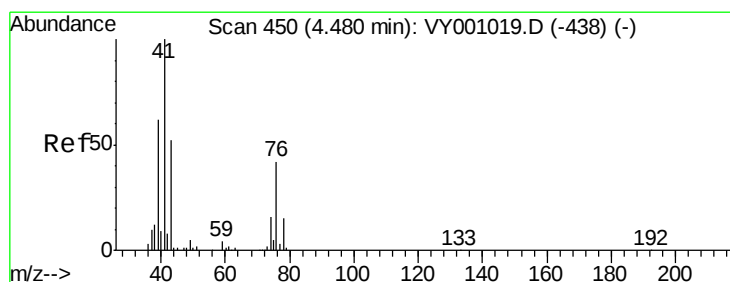
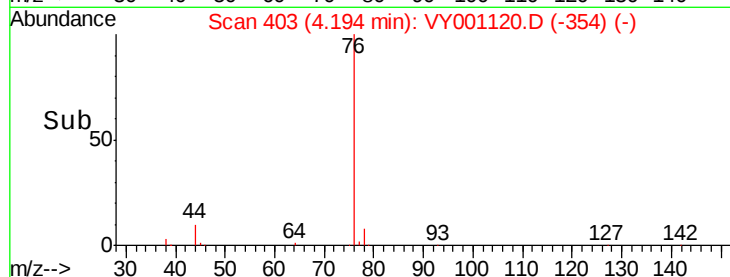
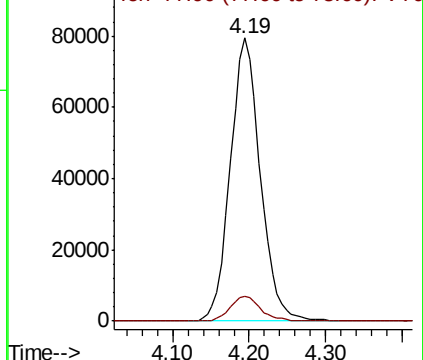
76 100

78 8.9 6.7 10.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 16.694 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001120.D

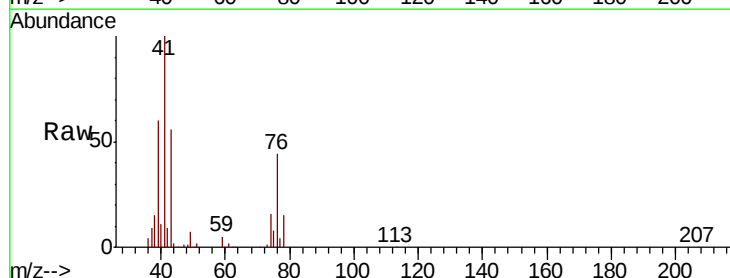
Acq: 30 Dec 2019 13:11

Tgt Ion: 43 Resp: 45835

Ion Ratio Lower Upper

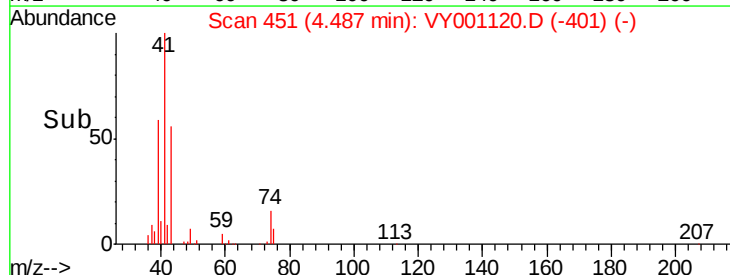
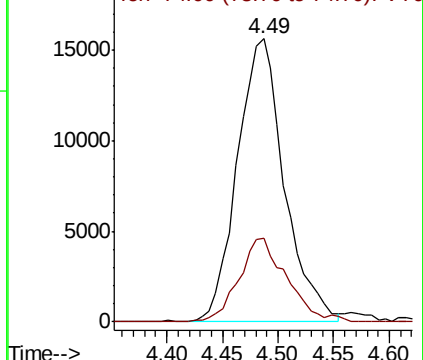
43 100

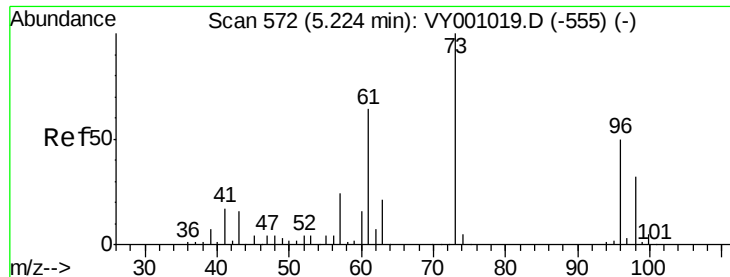
74 29.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

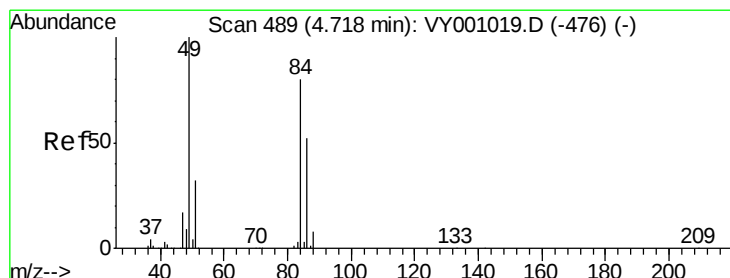
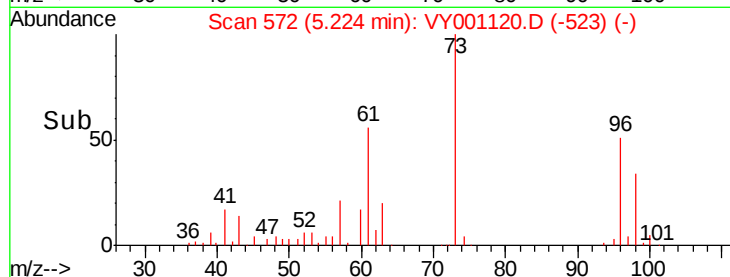
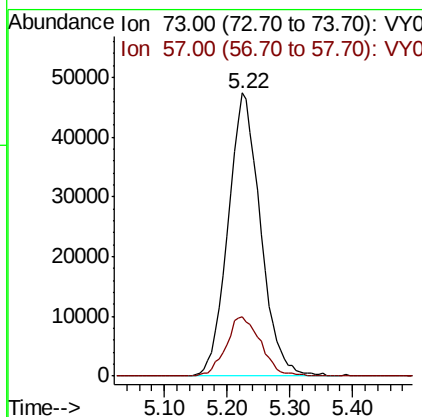
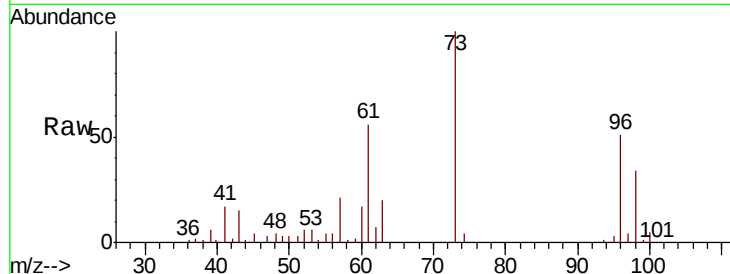




#19
Methvl tert-butvl Ether
Concen: 18.552 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

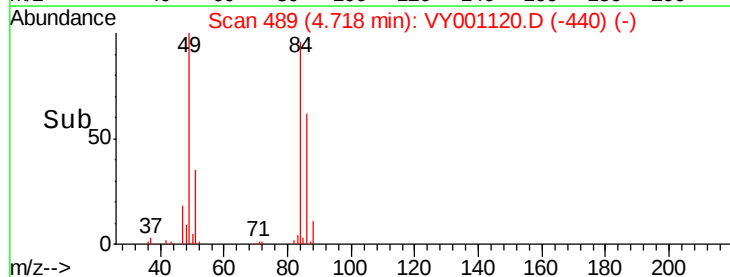
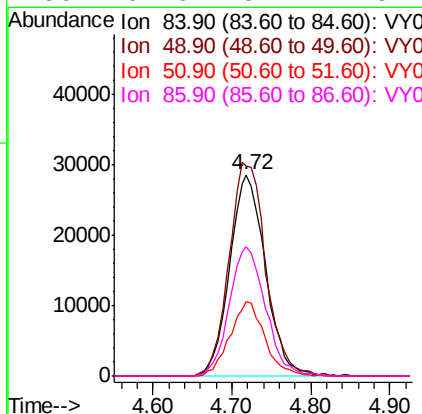
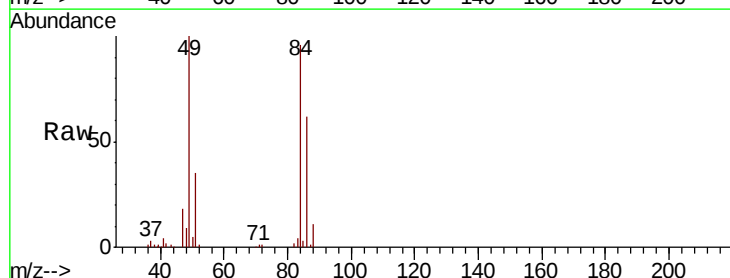
Instrument :
MSVOA_Y
ClientSampleId :

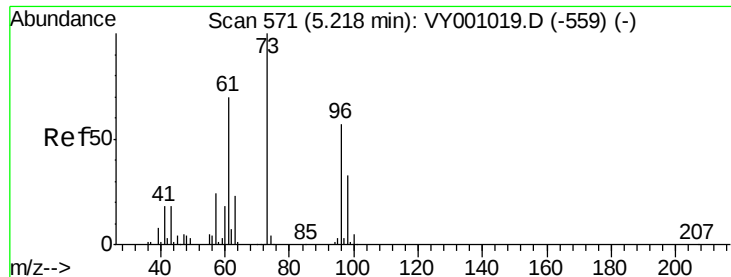
Tot Ion: 73 Resp: 169434
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.6



#20
Methylene Chloride
Concen: 21.404 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 84 Resp: 90163
Ion Ratio Lower Upper
84 100
49 104.6 99.8 149.6
51 36.8 31.4 47.2
86 64.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.289 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampled :

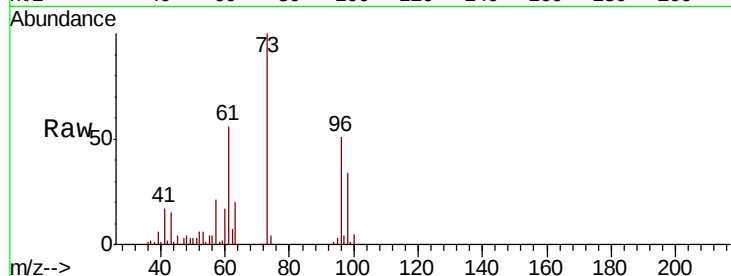
Tot Ion: 96 Resp: 75641

Ion Ratio Lower Upper

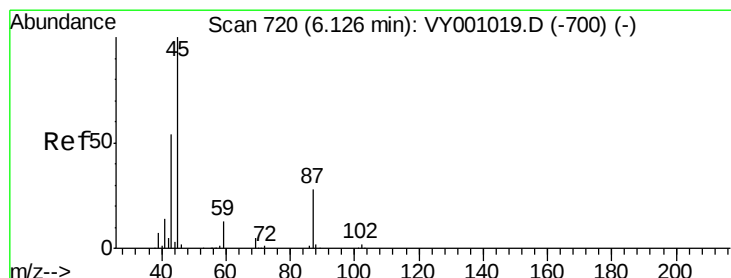
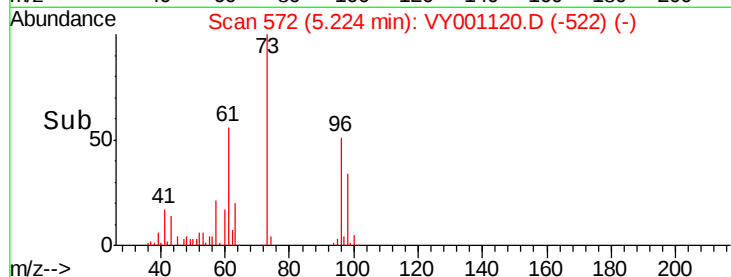
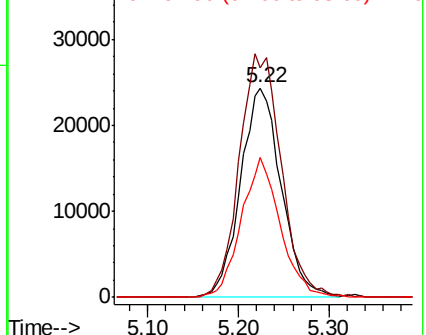
96 100

61 109.9 98.1 147.1

98 66.8 47.2 70.8



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: 17.155 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion: 45 Resp: 190607

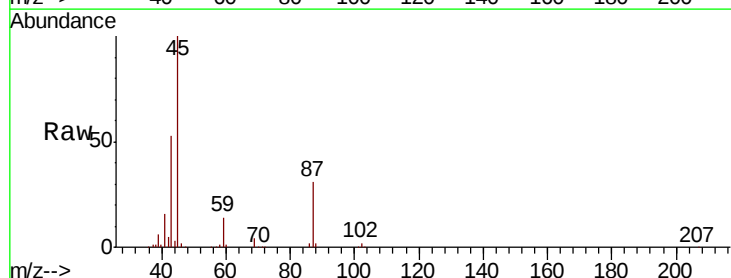
Ion Ratio Lower Upper

45 100

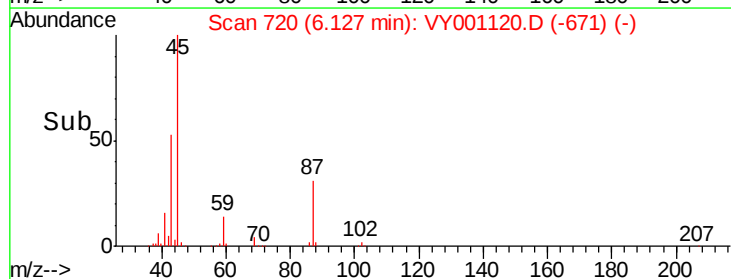
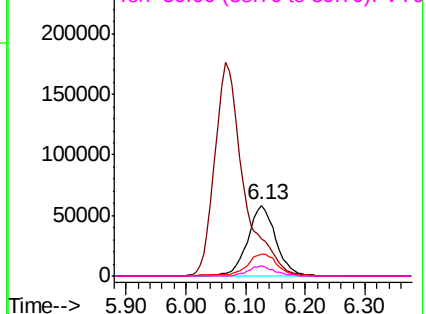
43 52.4 43.6 65.4

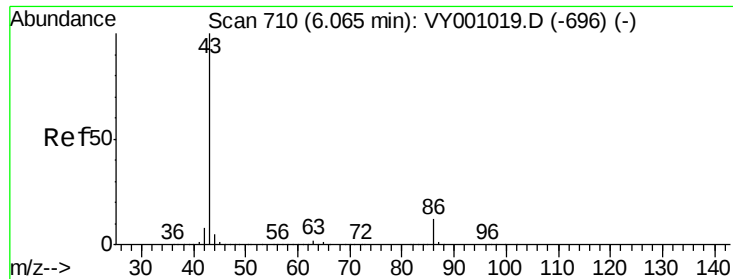
87 31.1 23.1 34.7

59 13.7 10.2 15.4



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: 84.564 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

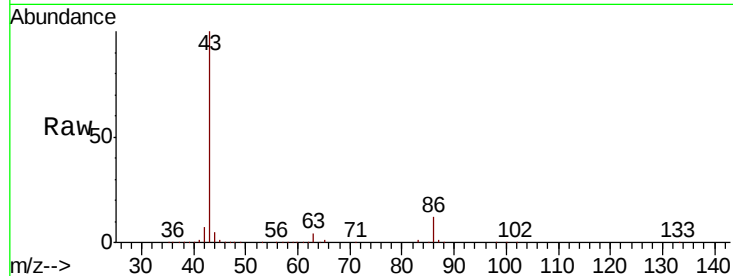
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 593383

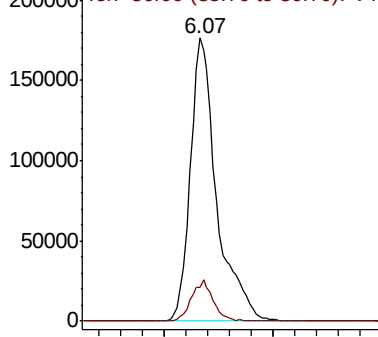
Ion Ratio Lower Upper

43 100

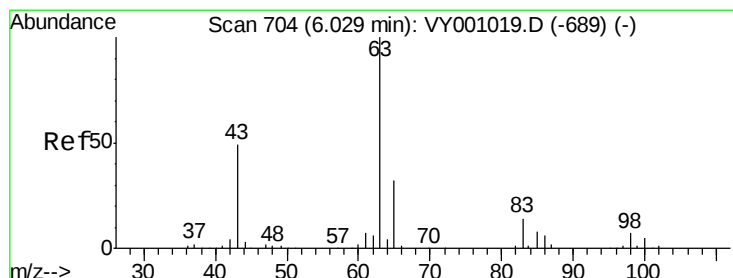
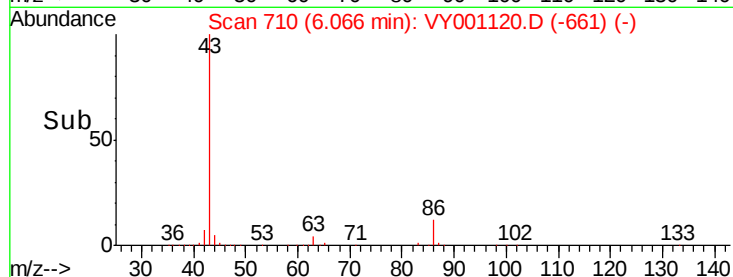
86 12.1 9.5 14.3



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



Time-->



#24

1,1-Dichloroethane

Concen: 18.027 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

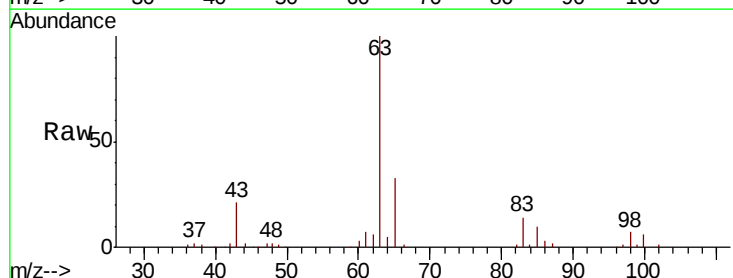
Tgt Ion: 63 Resp: 118367

Ion Ratio Lower Upper

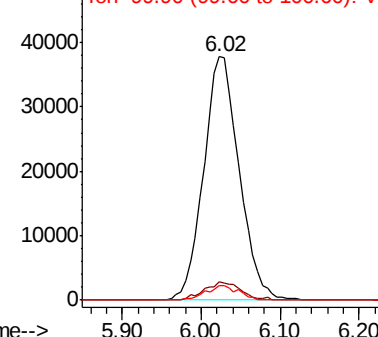
63 100

98 7.4 3.8 11.2

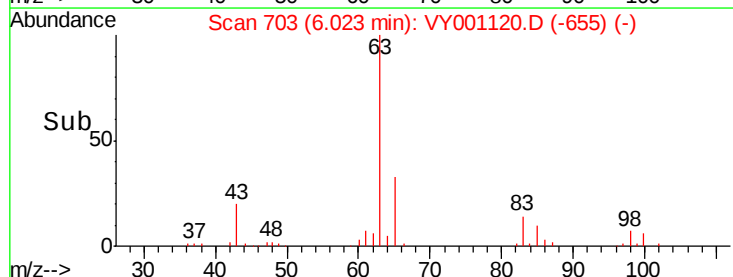
100 5.7 2.5 7.5

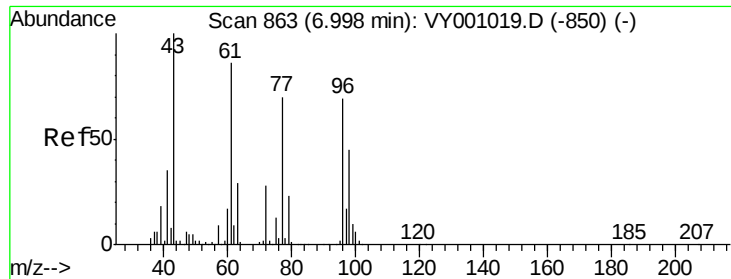


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 90.229 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

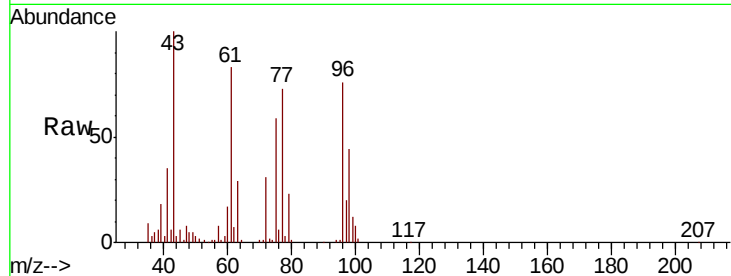
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 113438

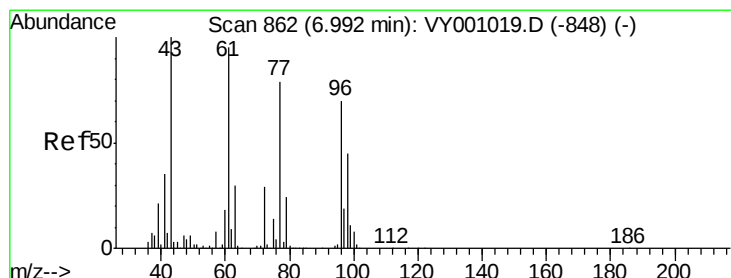
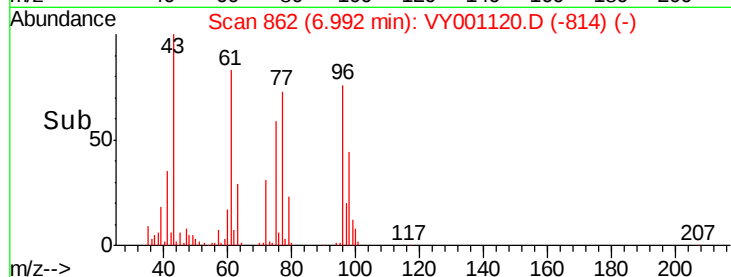
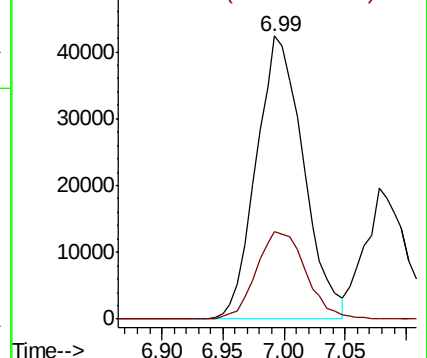
Ion Ratio Lower Upper

43 100

72 31.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 18.257 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001120.D

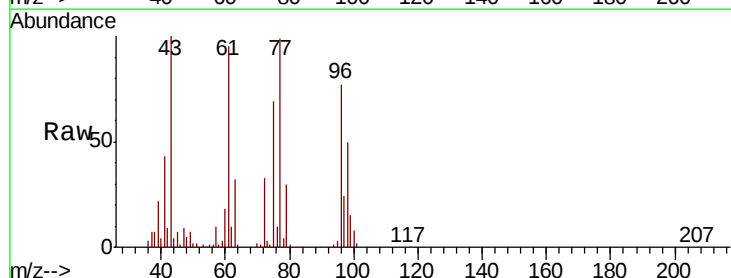
Acq: 30 Dec 2019 13:11

Tgt Ion: 77 Resp: 98486

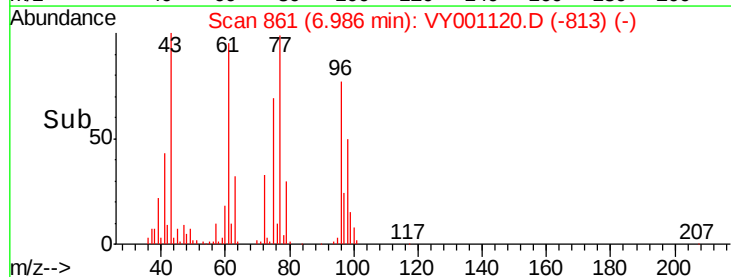
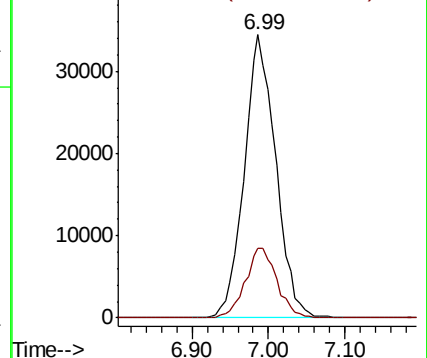
Ion Ratio Lower Upper

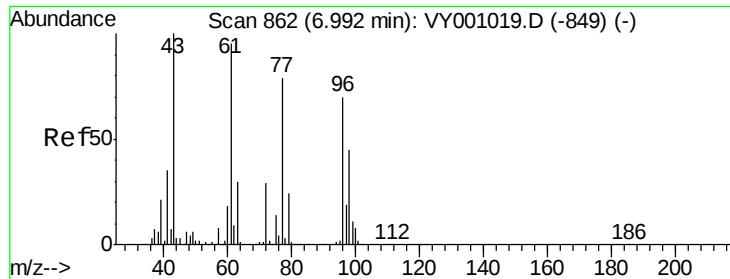
77 100

97 24.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



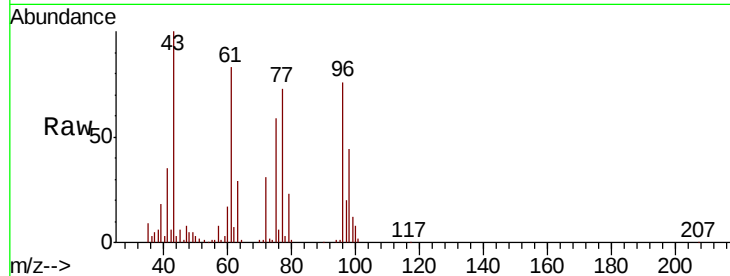


#27

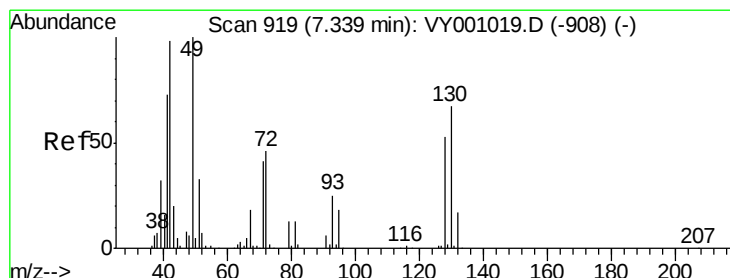
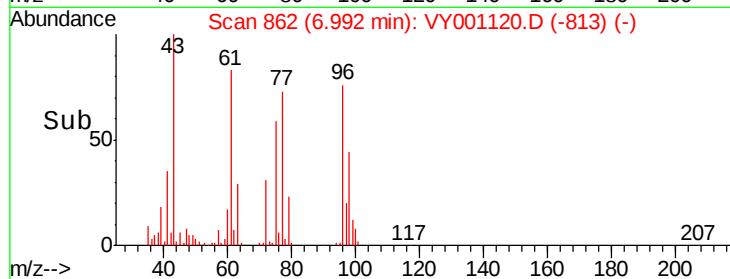
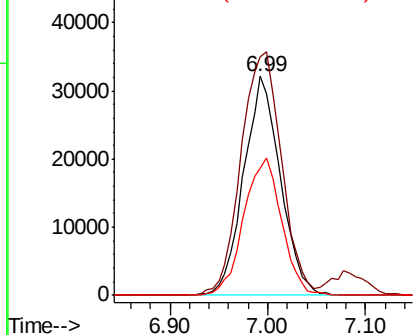
cis-1,2-Dichloroethene
 Concen: 19.386 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 83521
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 268.2
 98 64.8 0.0 129.2



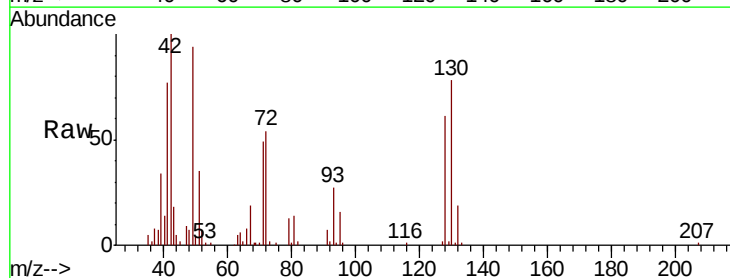
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



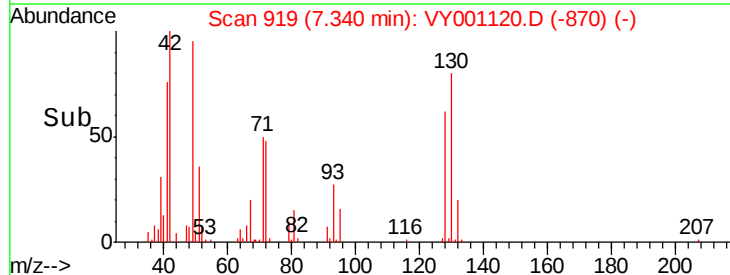
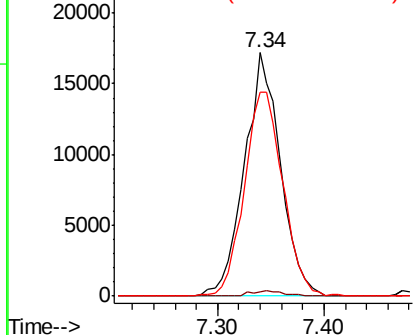
#28

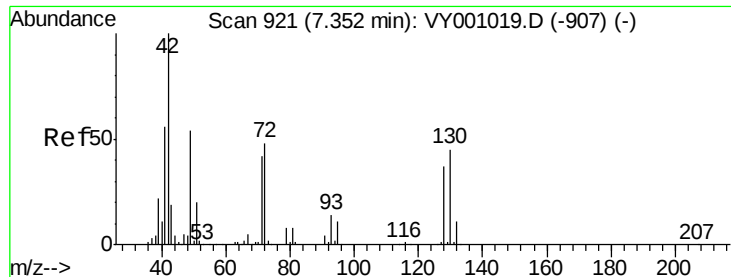
Bromochloromethane
 Concen: 15.919 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 49 Resp: 40782
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 89.8 60.4 90.6



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

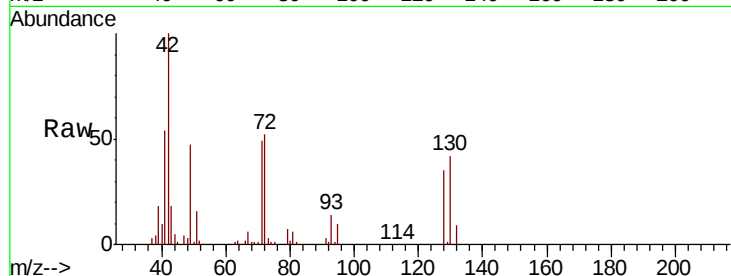




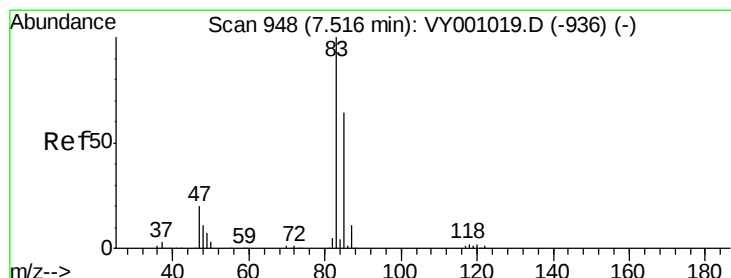
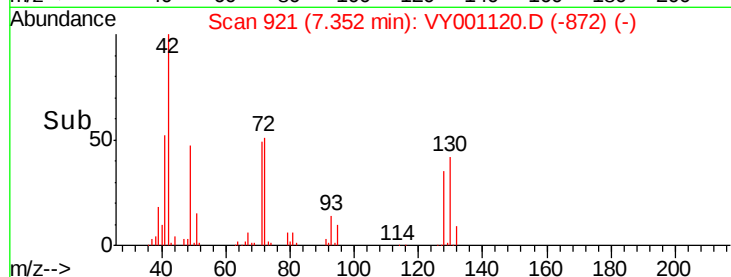
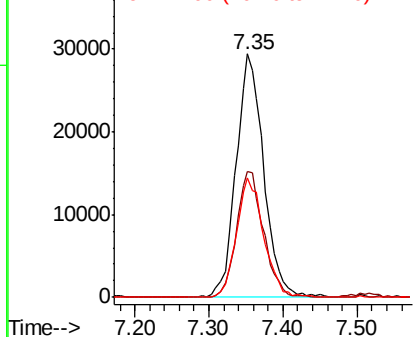
#29
Tetrahydrofuran
Concen: 85.719 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 76658
Ion Ratio Lower Upper
42 100
72 50.2 37.7 56.5
71 48.3 34.6 51.8

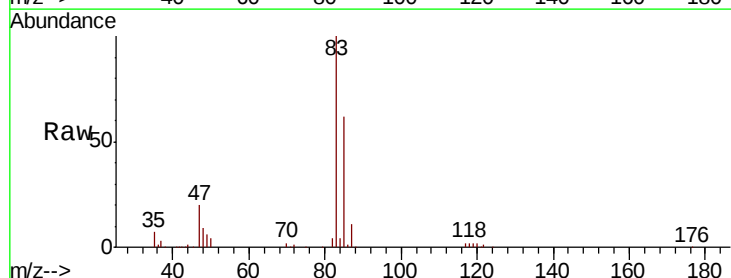


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

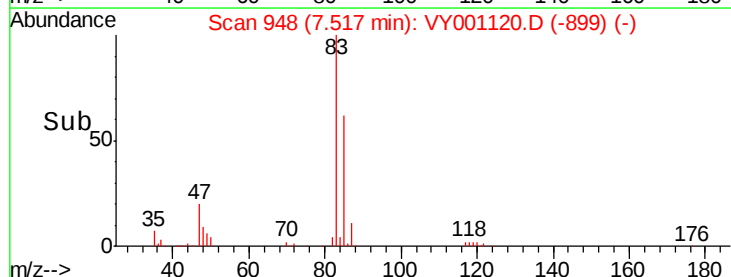
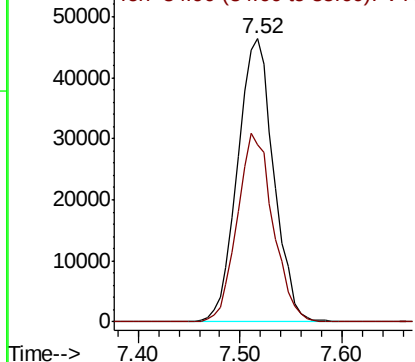


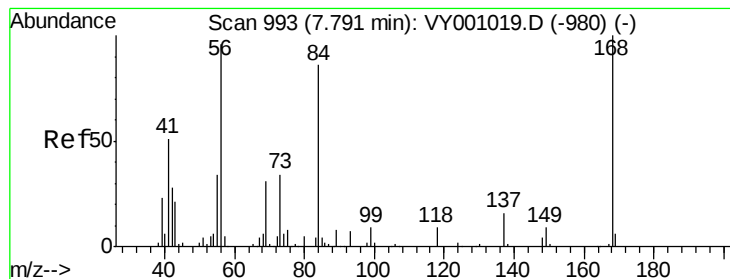
#30
Chloroform
Concen: 18.351 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 83 Resp: 113935
Ion Ratio Lower Upper
83 100
85 62.5 51.6 77.4



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





#31

Cyclohexane

Concen: 17.809 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampled :

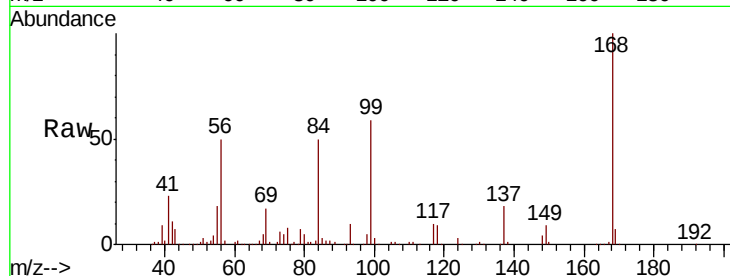
Tot Ion: 56 Resp: 122963

Ion Ratio Lower Upper

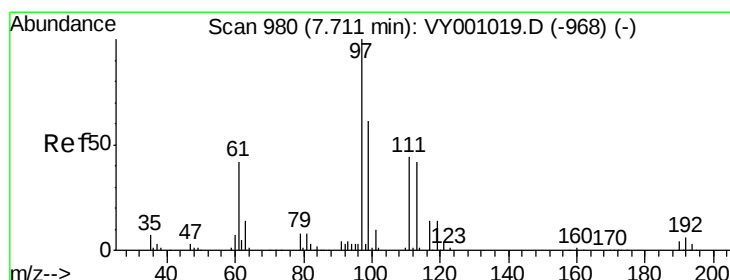
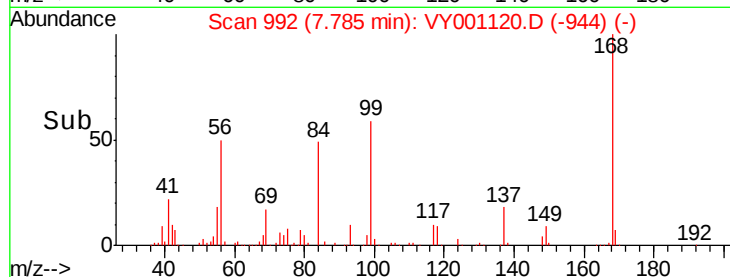
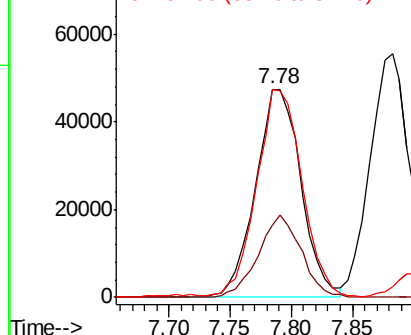
56 100

69 34.5 26.1 39.1

84 98.4 71.8 107.8



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: 18.726 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

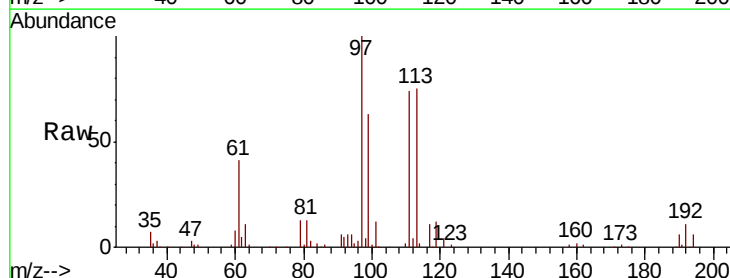
Tgt Ion: 97 Resp: 99176

Ion Ratio Lower Upper

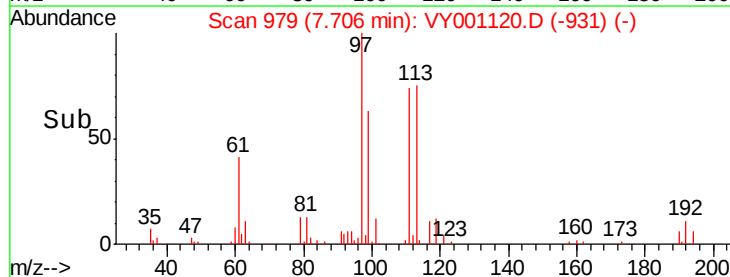
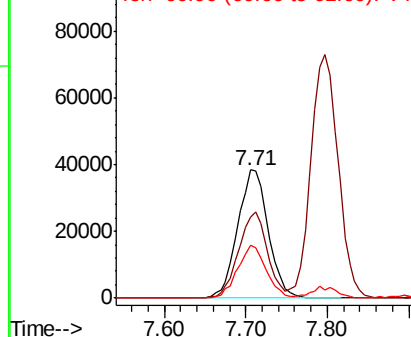
97 100

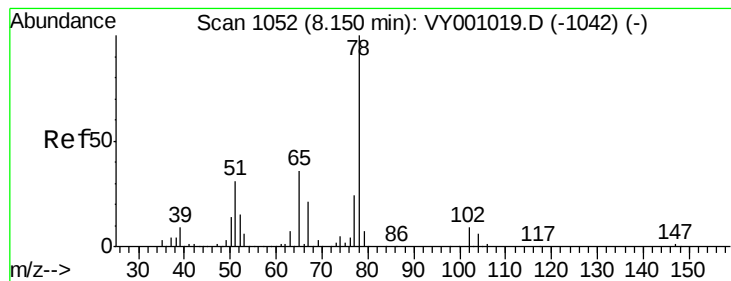
99 63.3 50.6 76.0

61 38.2 33.0 49.6



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: 46.420 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

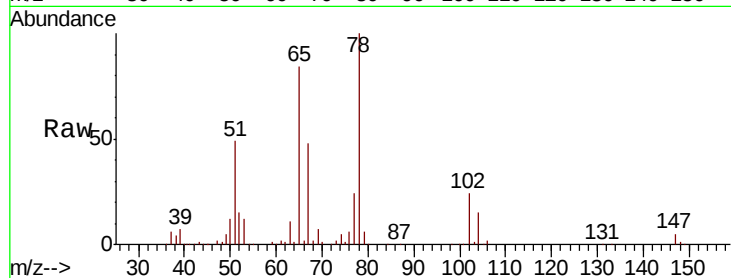
ClientSampleId :

Tot Ion: 65 Resp: 144205

Ion Ratio Lower Upper

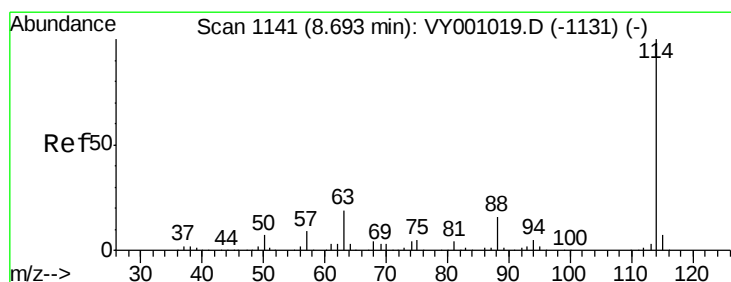
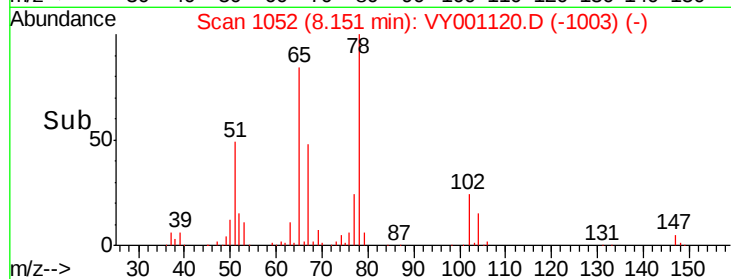
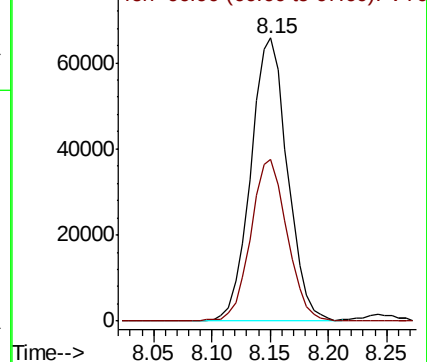
65 100

67 56.7 0.0 112.8



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: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

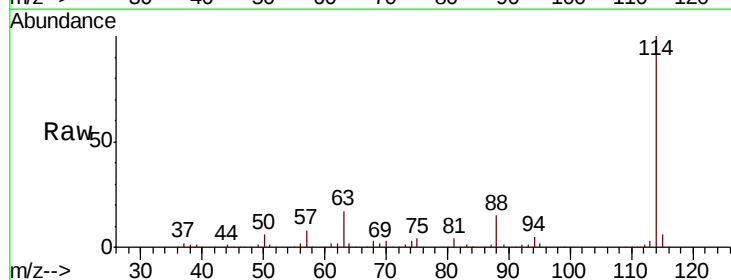
Tgt Ion:114 Resp: 550319

Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.0

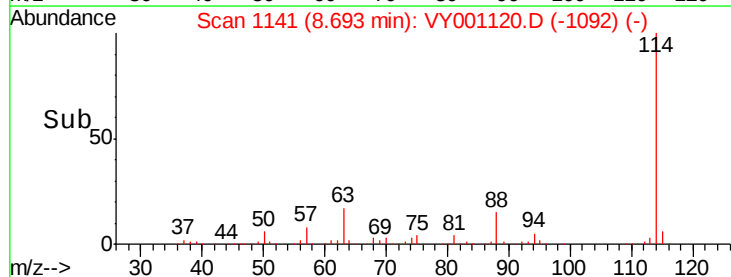
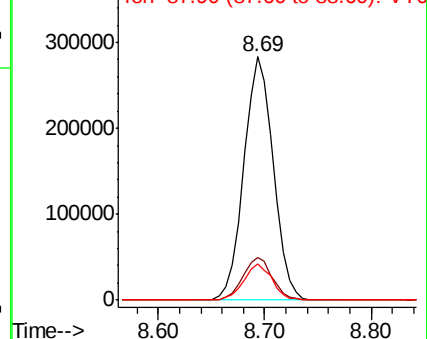
88 14.8 0.0 32.0

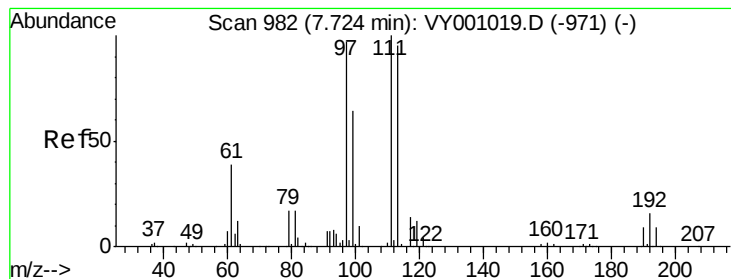


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.719 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

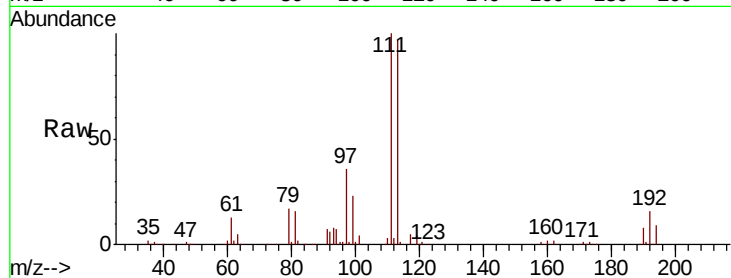
Tot Ion:113 Resp: 154639

Ion Ratio Lower Upper

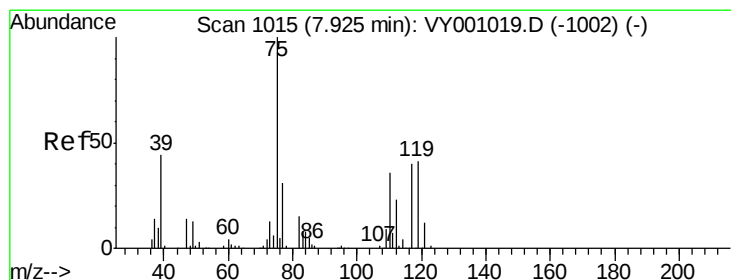
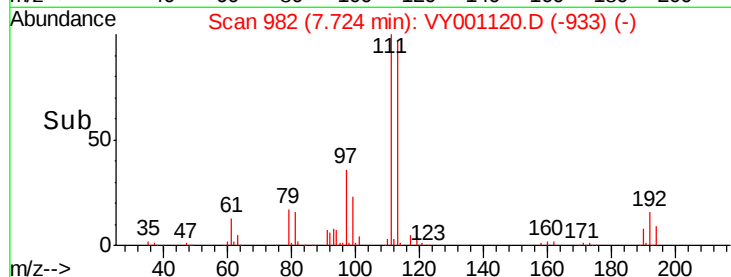
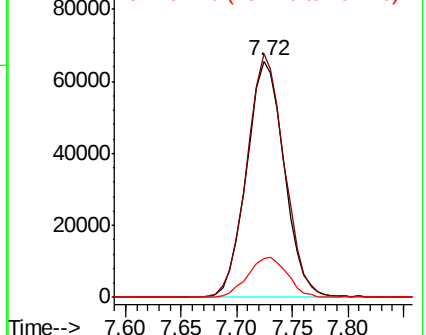
113 100

111 102.9 83.0 124.4

192 17.8 14.6 21.8



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: 18.511 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

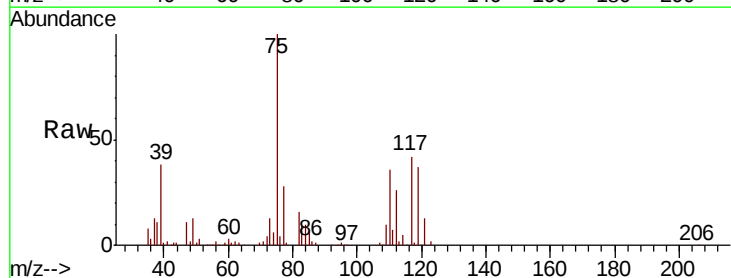
Tgt Ion: 75 Resp: 97180

Ion Ratio Lower Upper

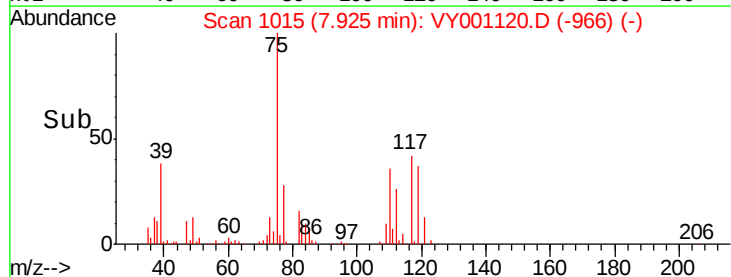
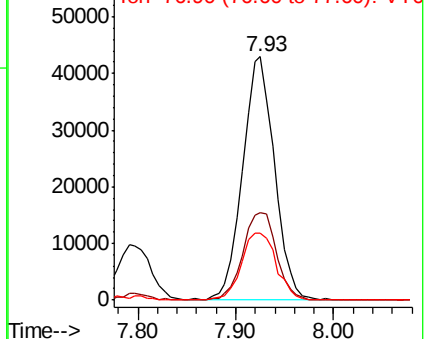
75 100

110 37.8 18.1 54.4

77 30.3 24.6 37.0



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

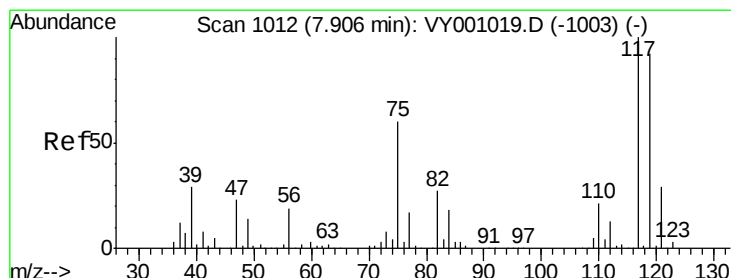
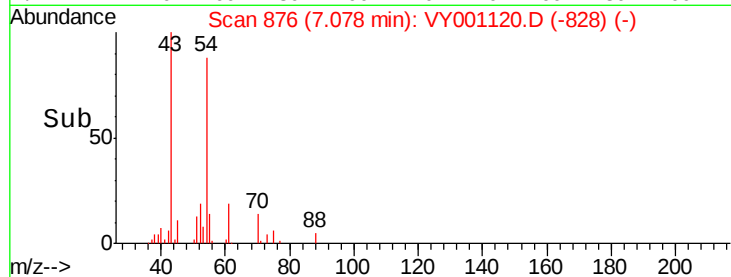
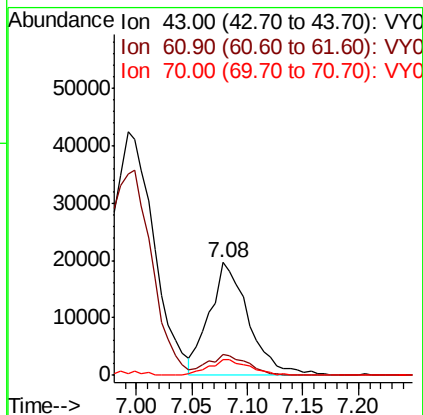
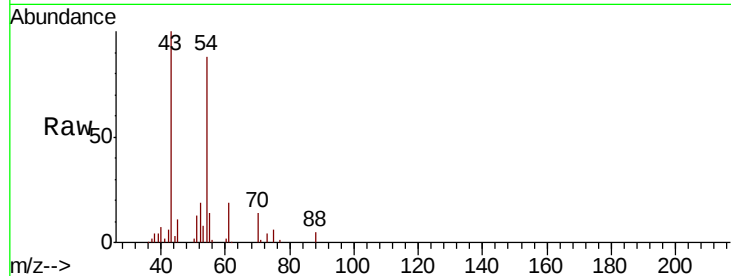




#37
Ethyl Acetate
Concen: 16.348 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

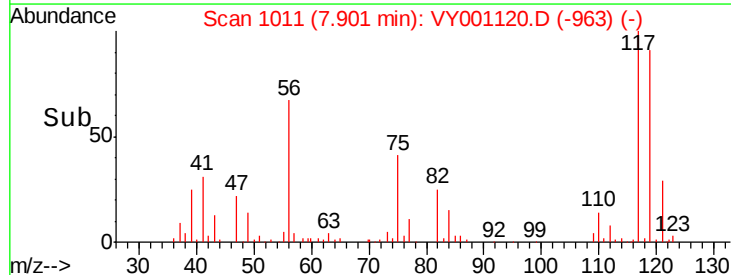
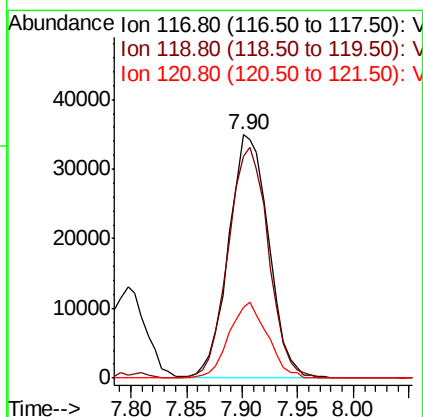
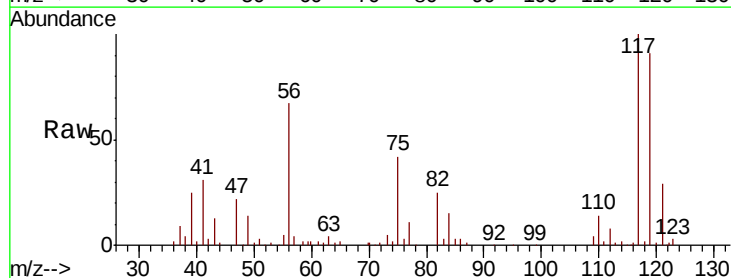
Instrument :
MSVOA_Y
ClientSampled :

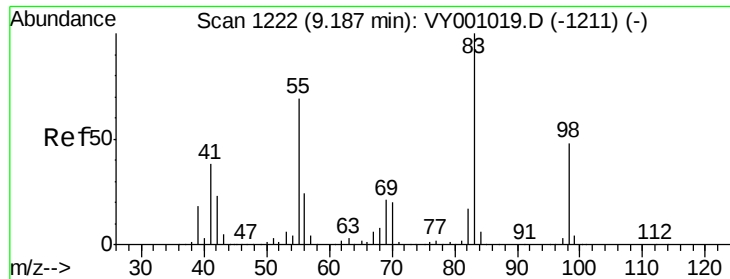
Tot Ion: 43 Resp: 47523
Ion Ratio Lower Upper
43 100
61 19.1 12.5 18.7#
70 14.6 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 18.987 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 117 Resp: 87338
Ion Ratio Lower Upper
117 100
119 91.3 74.2 111.2
121 28.9 22.9 34.3

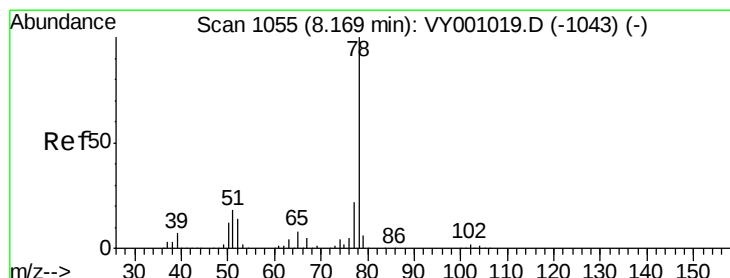
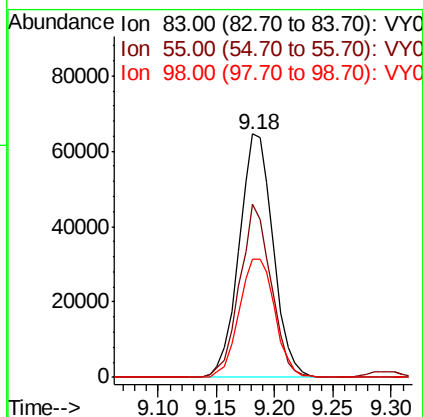
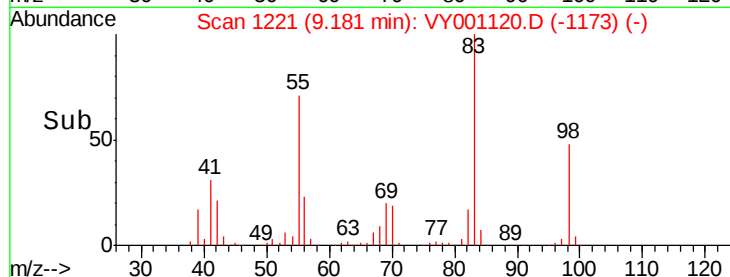
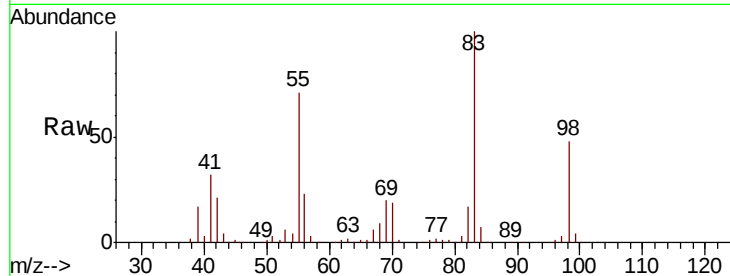




#39
Methvlcvclohexane
Concen: 18.810 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

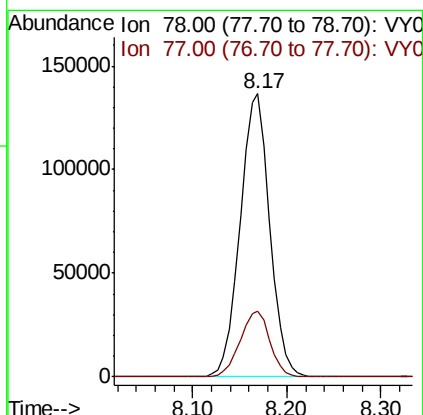
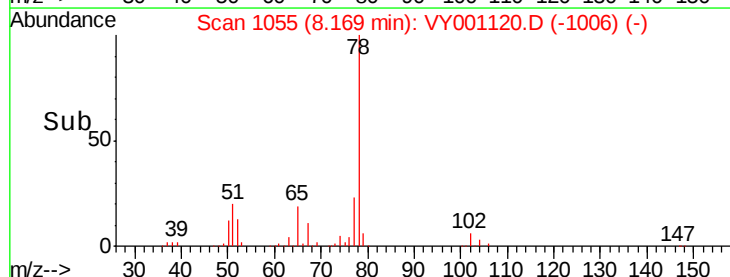
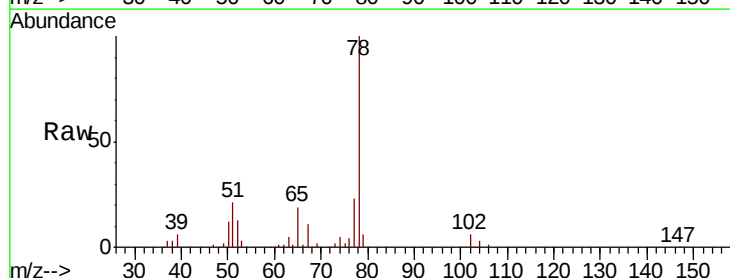
Instrument :
MSVOA_Y
ClientSampleId :

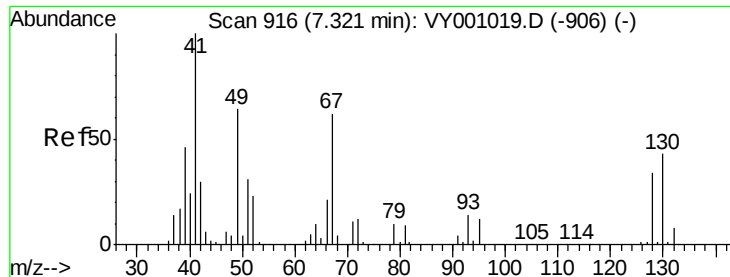
Tot Ion: 83 Resp: 131136
Ion Ratio Lower Upper
83 100
55 71.2 55.1 82.7
98 48.5 38.3 57.5



#40
Benzene
Concen: 18.893 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 78 Resp: 299235
Ion Ratio Lower Upper
78 100
77 23.1 17.7 26.5

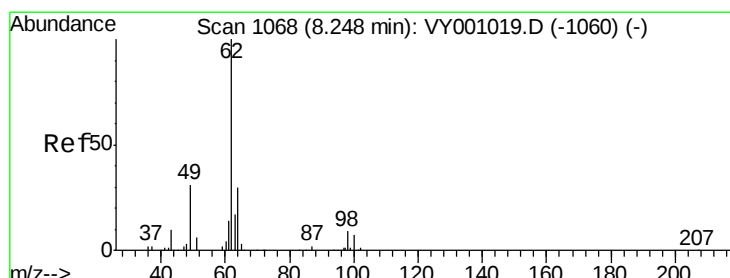
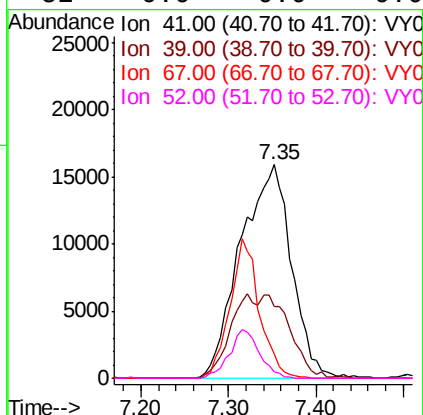
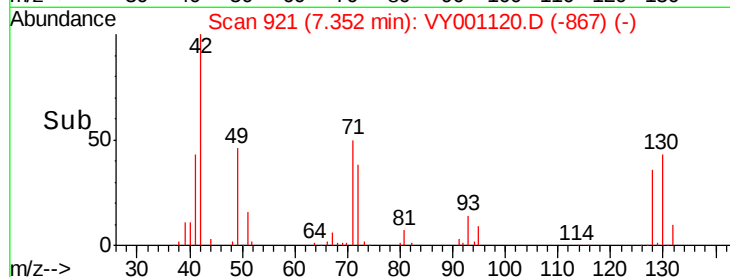
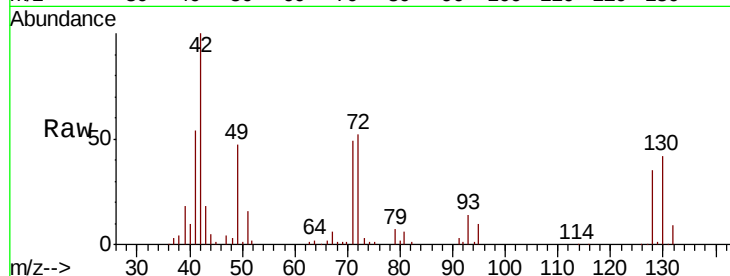




#41
Methacrylonitrile
Concen: 51.113 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

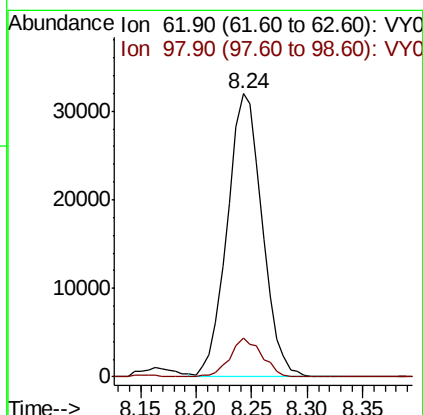
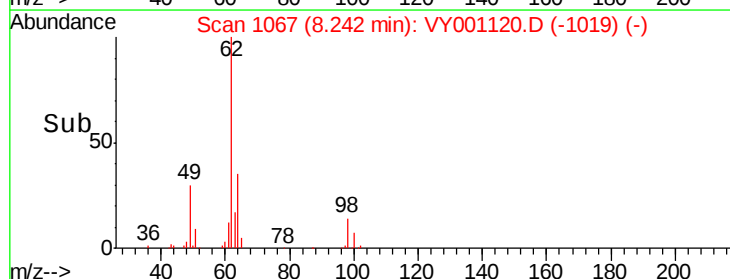
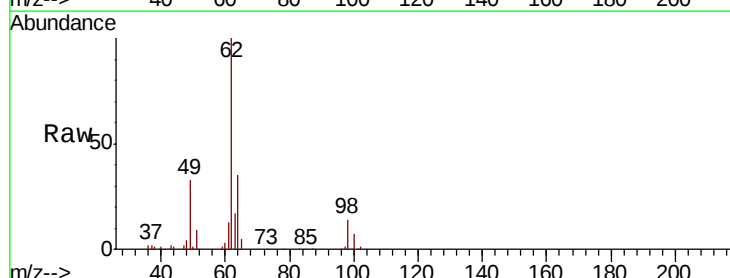
Instrument :
MSVOA_Y
ClientSampled :

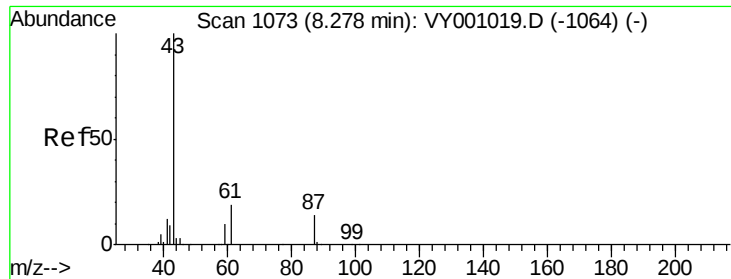
Tot Ion:	41	Resp:	64419
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.409 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:	62	Resp:	69711
Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	23.4

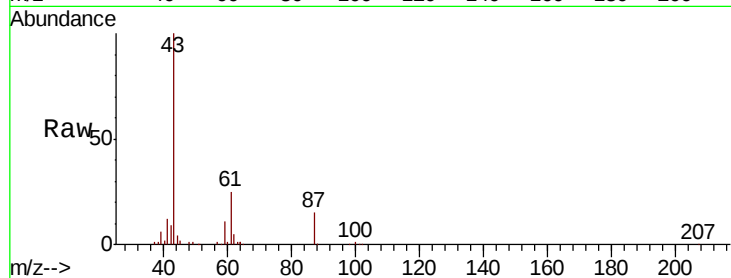




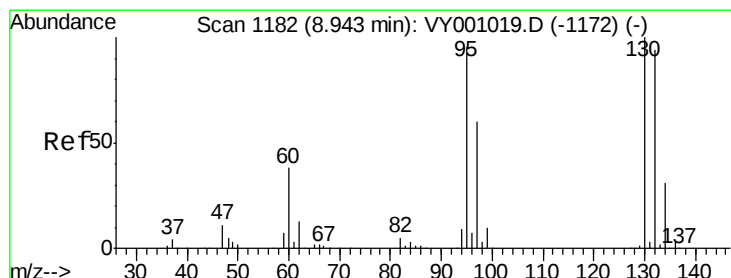
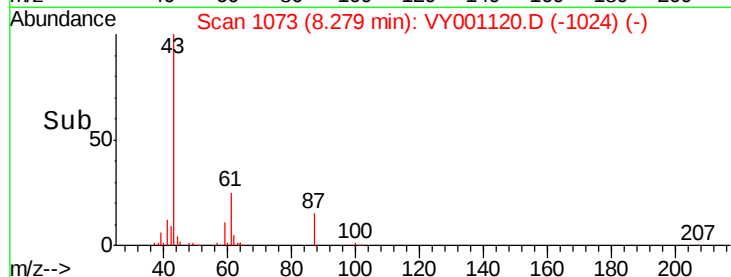
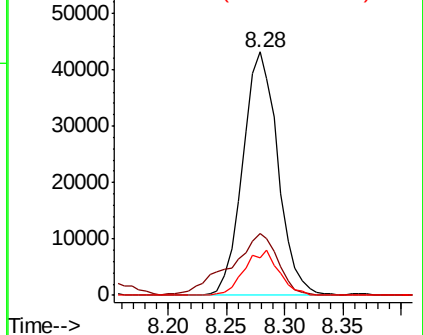
#43
Isopropyl Acetate
Concen: 16.883 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 90855
Ion Ratio Lower Upper
43 100
61 34.1 25.0 37.6
87 18.2 12.0 18.0#

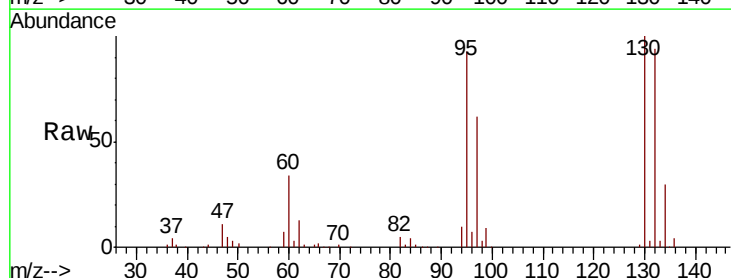


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

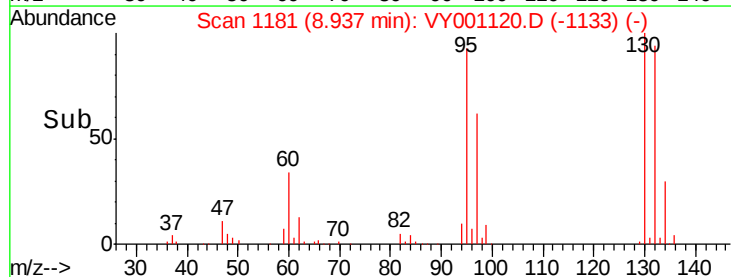
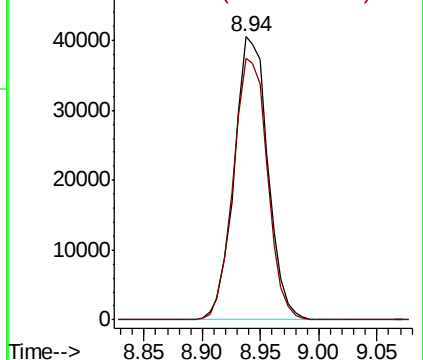


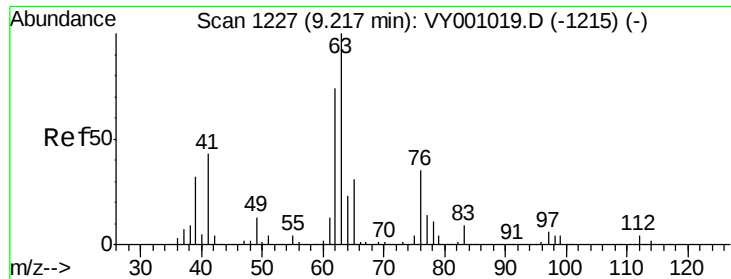
#44
Trichloroethene
Concen: 19.557 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:130 Resp: 81612
Ion Ratio Lower Upper
130 100
95 92.6 0.0 190.6



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

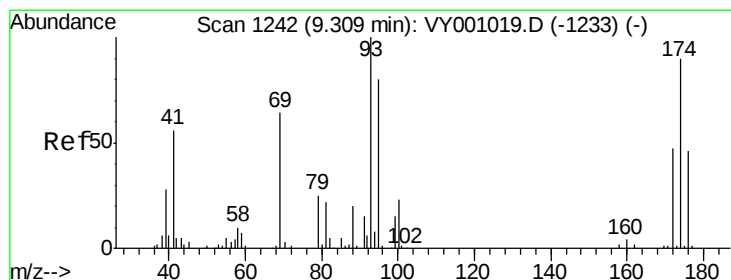
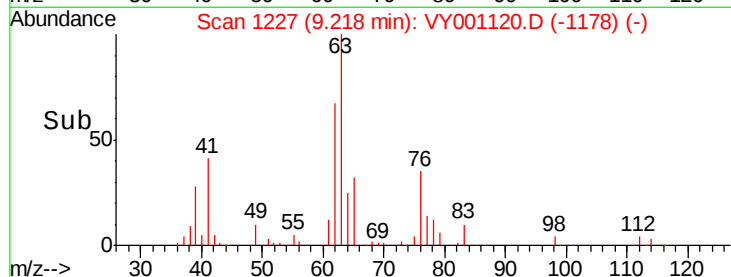
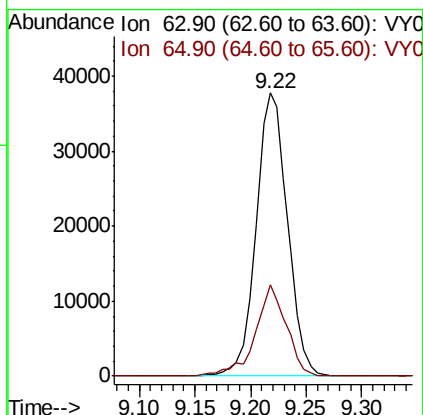
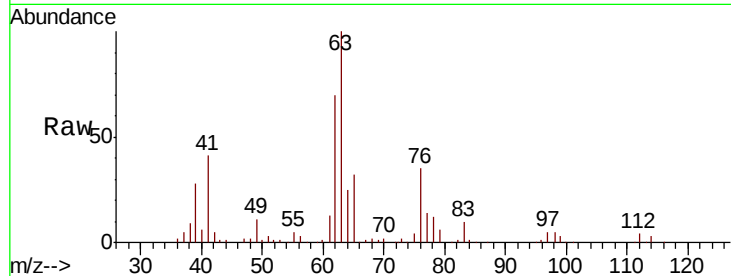




#45
 1,2-Dichloropropane
 Concen: 18.644 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

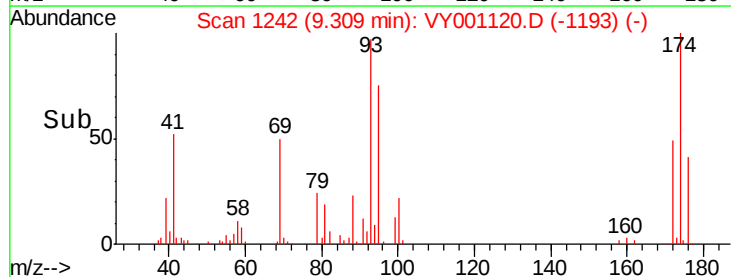
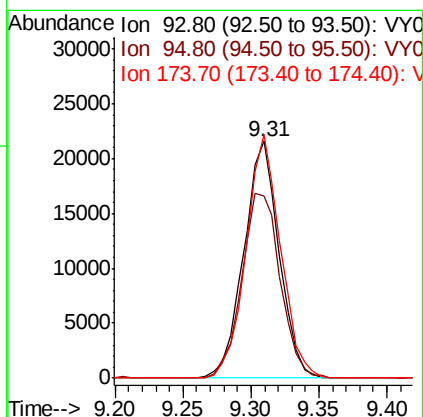
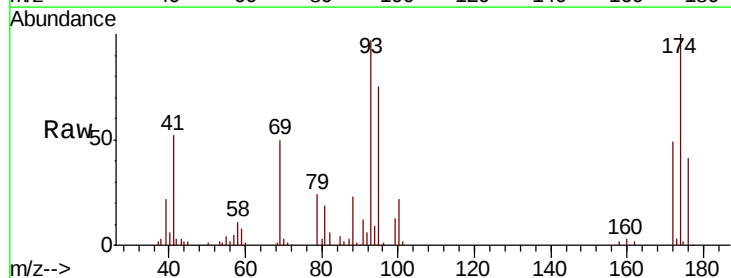
Instrument :
 MSVOA_Y
 ClientSampled :

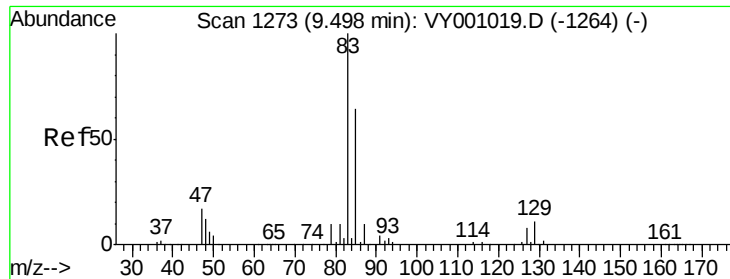
Tot Ion: 63 Resp: 74079
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.1 37.7



#46
 Dibromomethane
 Concen: 19.107 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 93 Resp: 39135
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 100.4 73.6 110.4

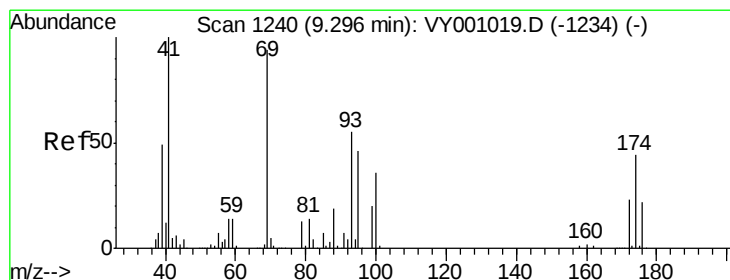
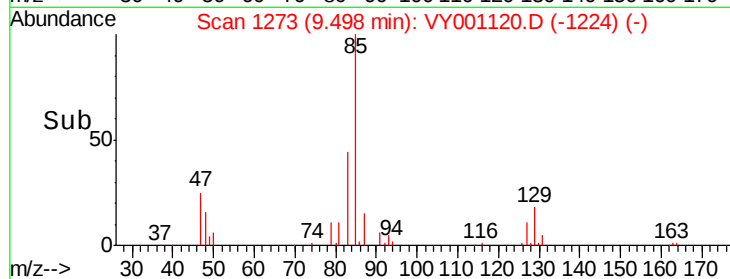
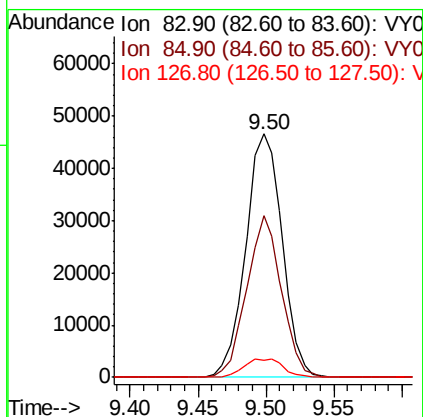
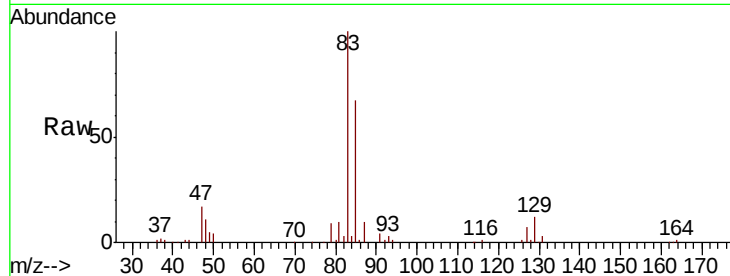




#47
 Bromodichloromethane
 Concen: 18.459 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

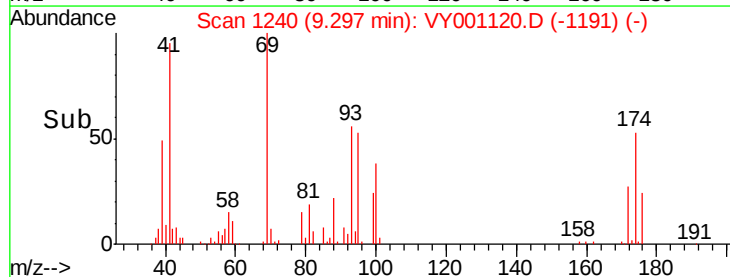
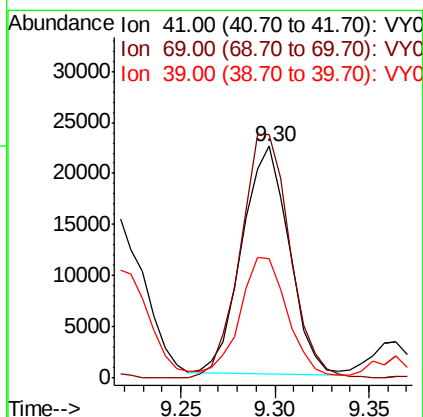
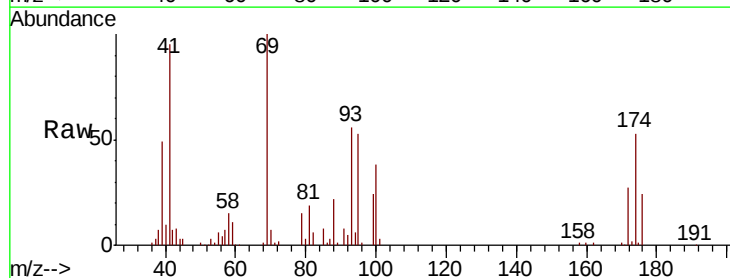
Instrument :
 MSVOA_Y
 ClientSampleId :

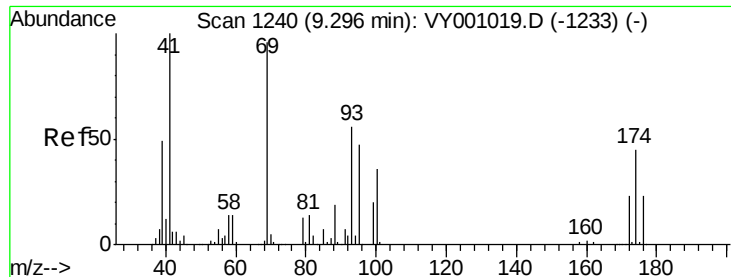
Tot Ion: 83 Resp: 87578
 Ion Ratio Lower Upper
 83 100
 85 66.6 50.9 76.3
 127 7.0 6.4 9.6



#48
 Methyl methacrylate
 Concen: 16.902 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 41 Resp: 38813
 Ion Ratio Lower Upper
 41 100
 69 111.8 79.8 119.6
 39 54.7 41.7 62.5

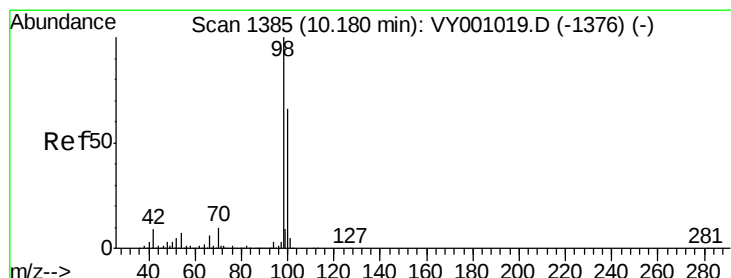
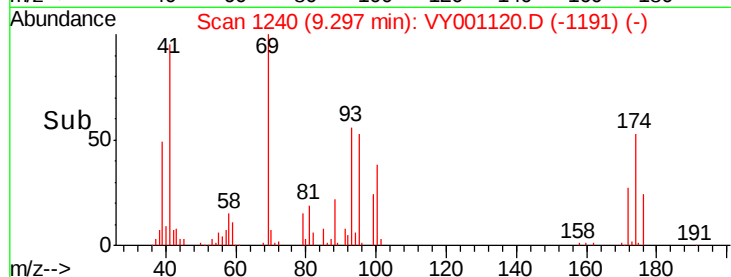
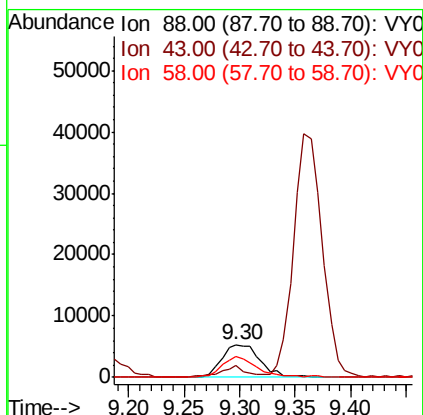
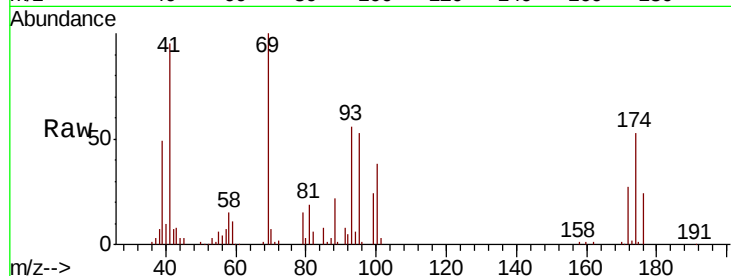




#49
1,4-Dioxane
Concen: 424.537 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

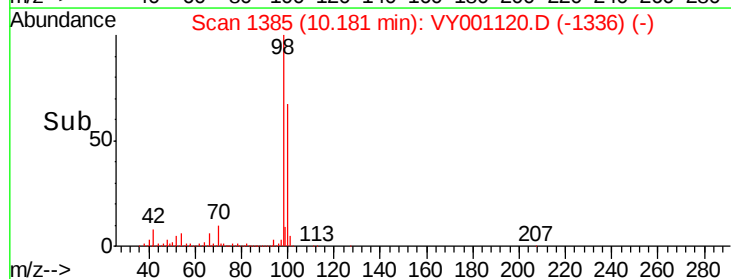
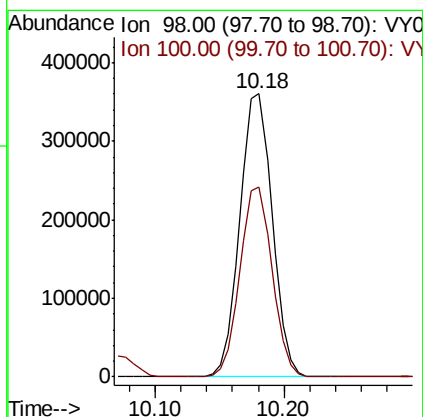
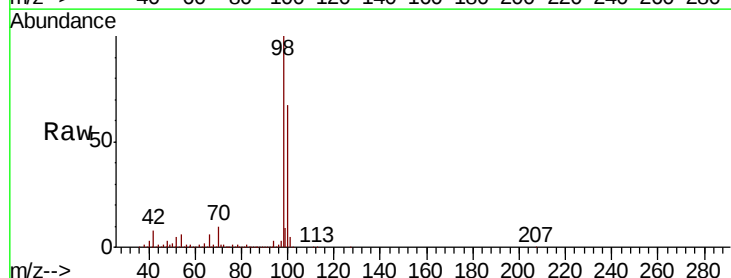
Instrument :
MSVOA_Y
ClientSampleId :

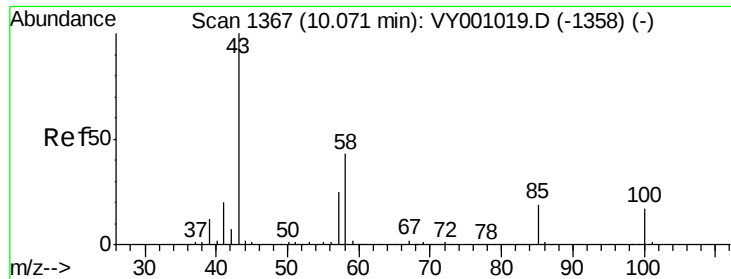
Tot Ion: 88 Resp: 12720
Ion Ratio Lower Upper
88 100
43 24.0 23.0 34.4
58 58.1 54.9 82.3



#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 98 Resp: 627536
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 86.267 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

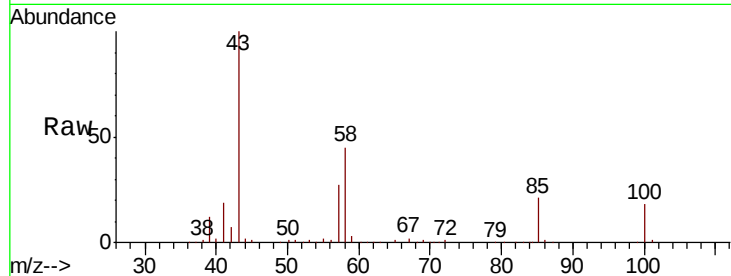
ClientSampleId :

Tot Ion: 43 Resp: 241961

Ion Ratio Lower Upper

43 100

58 45.4 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY001120.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY001120.D (-1358) (-)

10.07

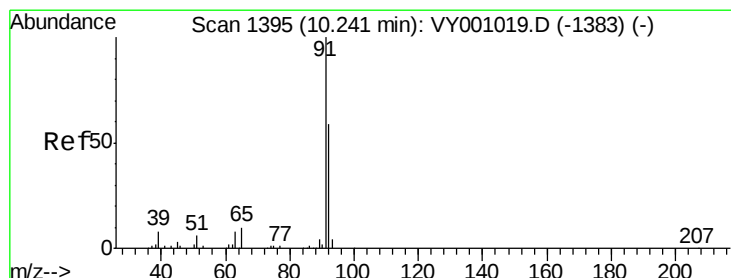
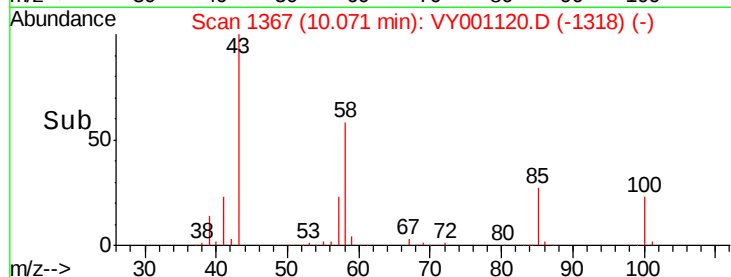
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.180 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001120.D

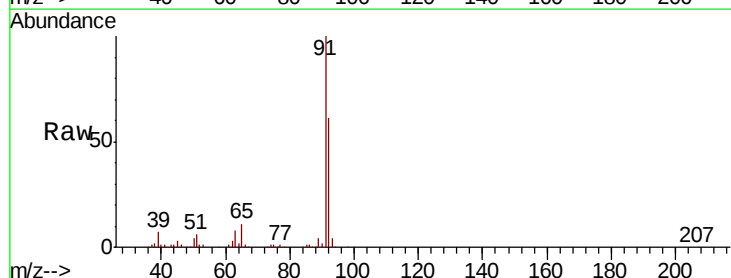
Acq: 30 Dec 2019 13:11

Tgt Ion: 92 Resp: 186980

Ion Ratio Lower Upper

92 100

91 168.2 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY001120.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY001120.D (-1383) (-)

10.24

200000

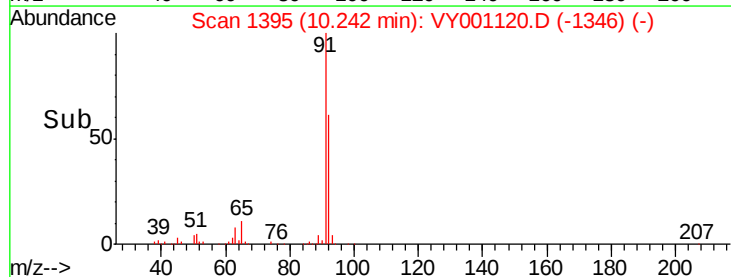
150000

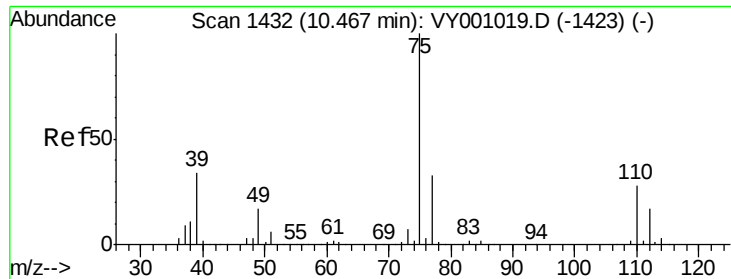
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.334 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

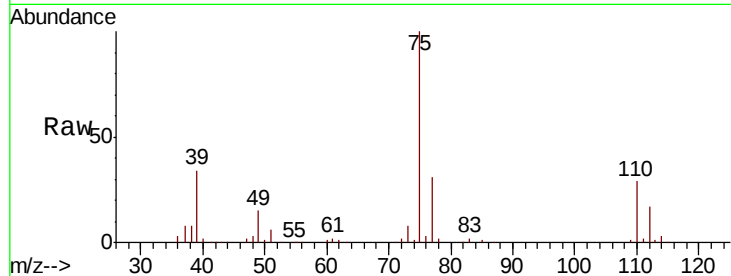
ClientSampleId :

Tot Ion: 75 Resp: 94403

Ion Ratio Lower Upper

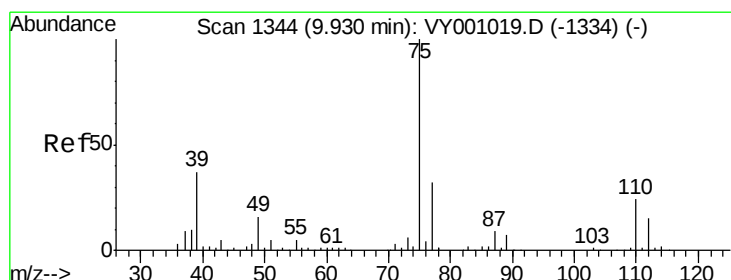
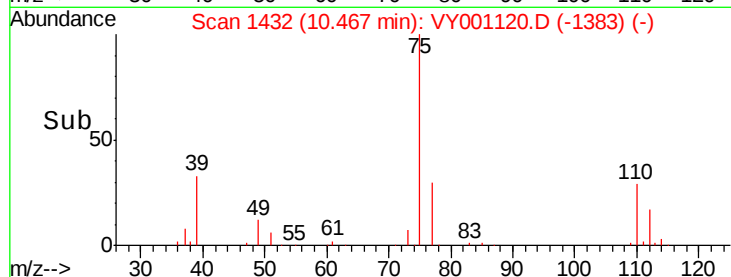
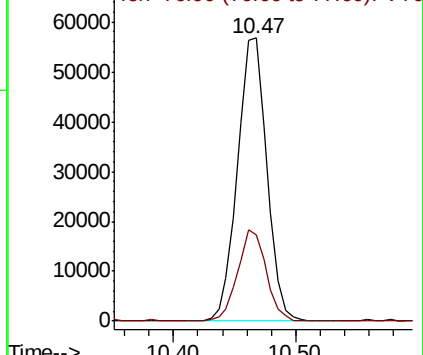
75 100

77 30.5 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 18.482 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

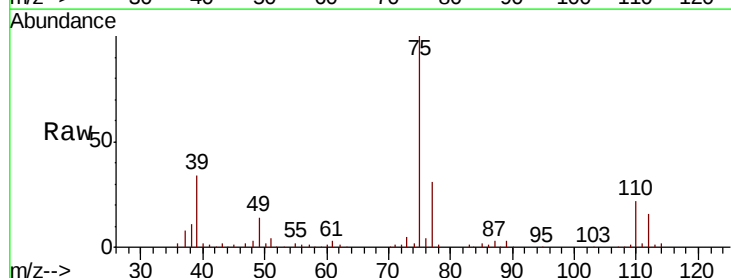
Tgt Ion: 75 Resp: 114431

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

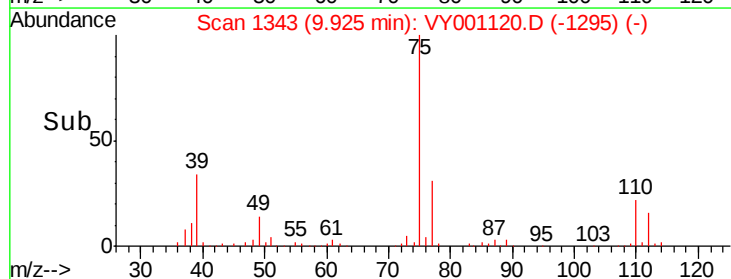
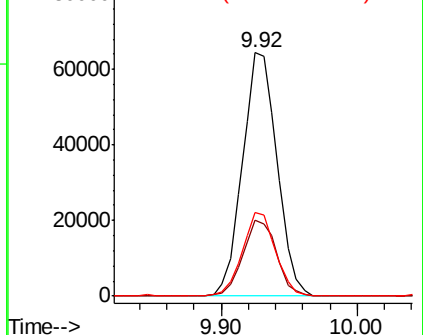
39 34.1 29.5 44.3

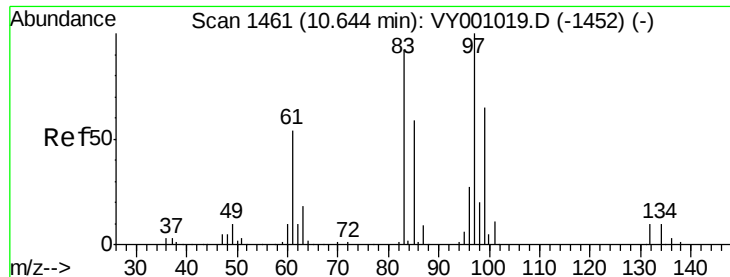


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

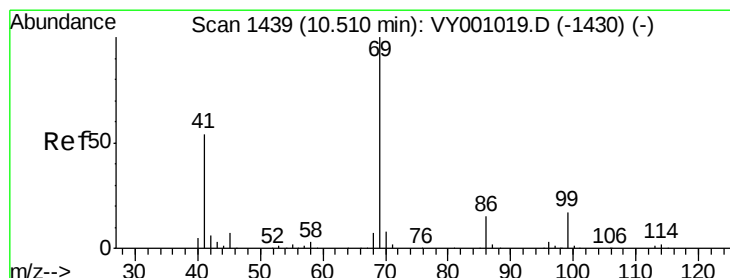
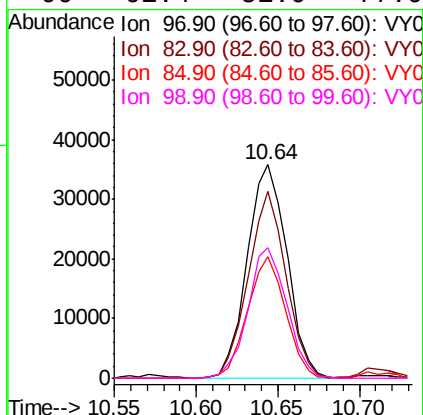
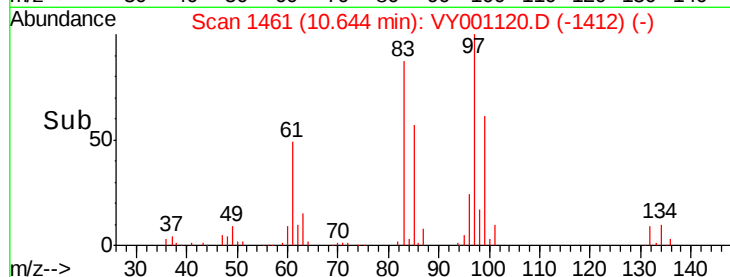
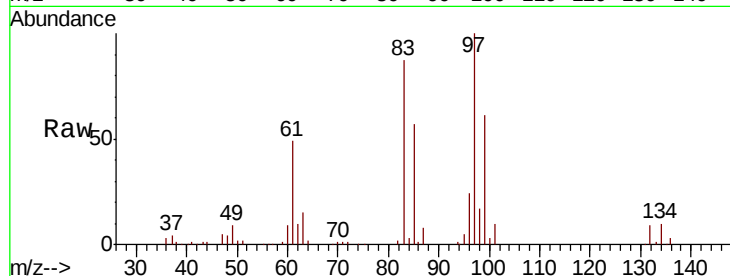




#55
 1,1,2-Trichloroethane
 Concen: 19.838 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

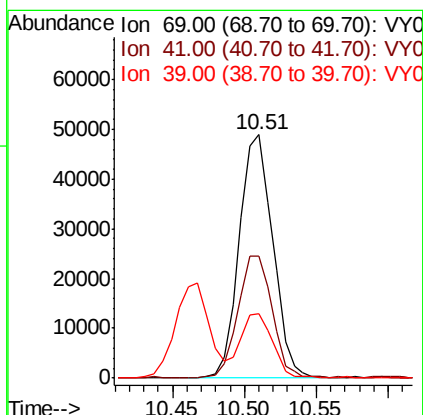
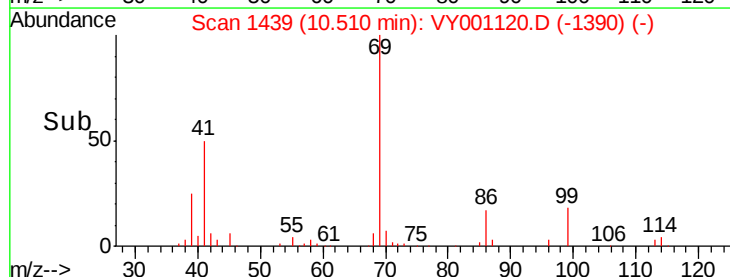
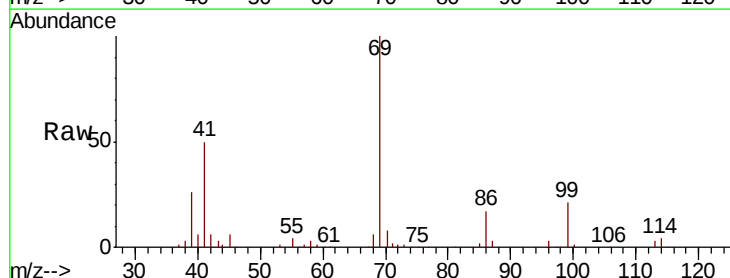
Instrument :
 MSVOA_Y
 ClientSampled :

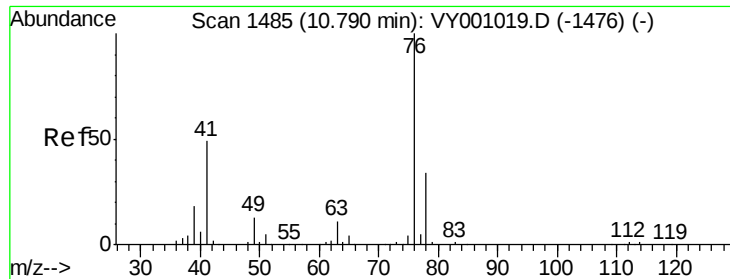
Tot Ion: 97 Resp: 60659
 Ion Ratio Lower Upper
 97 100
 83 87.3 73.7 110.5
 85 57.0 47.3 70.9
 99 61.4 51.9 77.9



#56
 Ethyl methacrylate
 Concen: 18.207 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 69 Resp: 79235
 Ion Ratio Lower Upper
 69 100
 41 51.6 44.7 67.1
 39 25.4 22.2 33.4





#57

1,3-Dichloropropane

Concen: 18.525 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

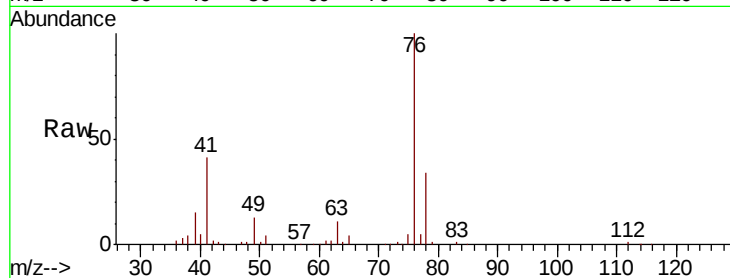
ClientSampleId :

Tot Ion: 76 Resp: 99287

Ion Ratio Lower Upper

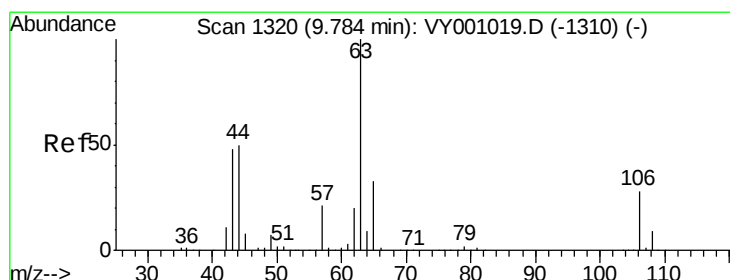
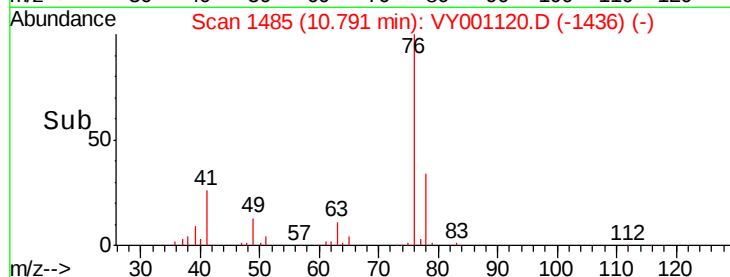
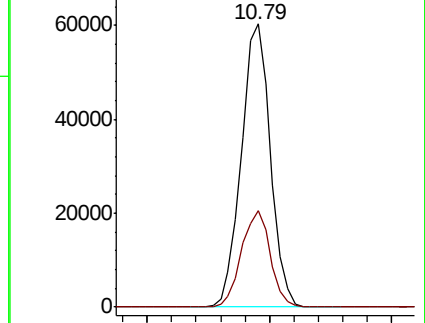
76 100

78 33.7 25.8 38.8



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: 93.502 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001120.D

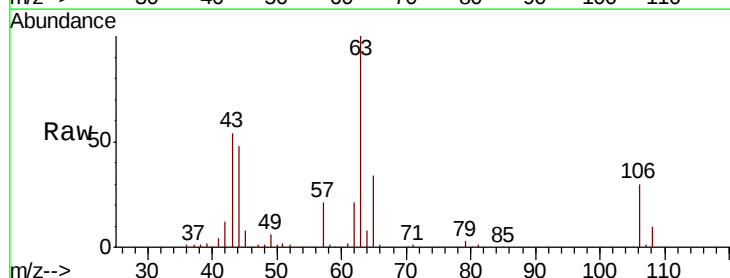
Acq: 30 Dec 2019 13:11

Tgt Ion: 63 Resp: 157164

Ion Ratio Lower Upper

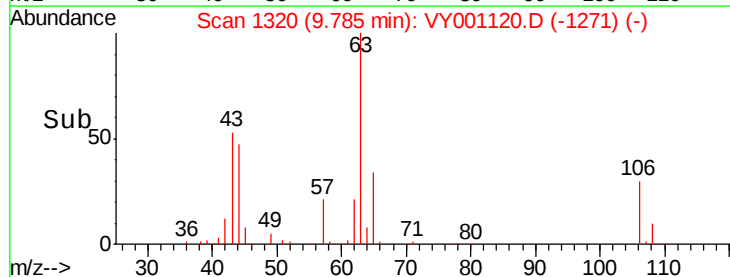
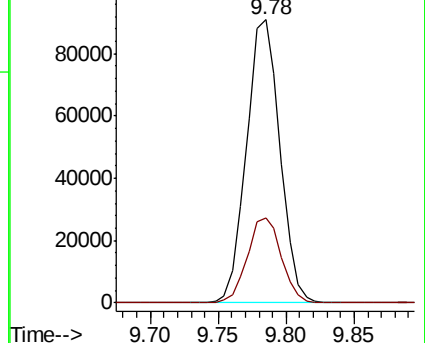
63 100

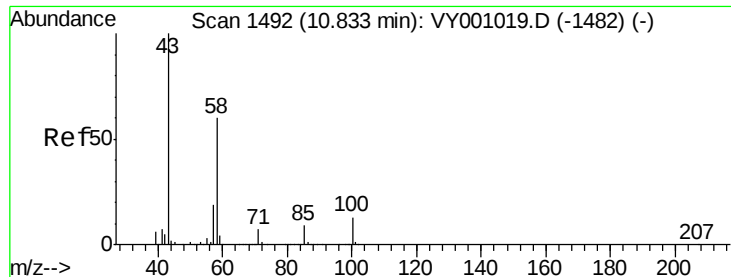
106 30.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

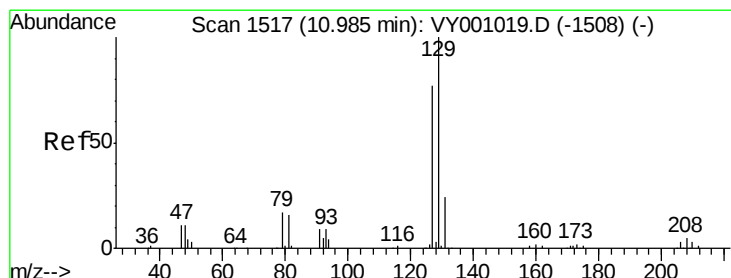
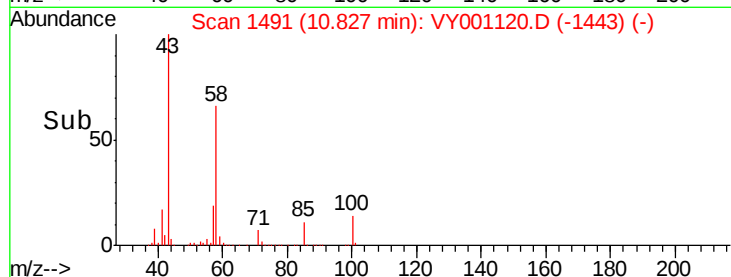
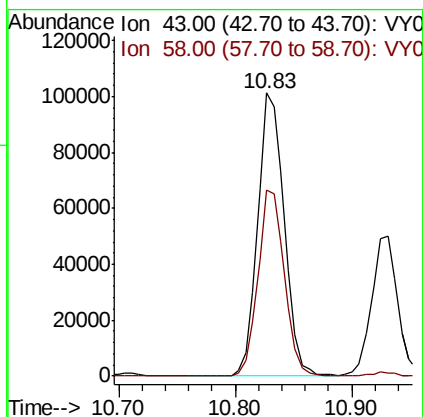
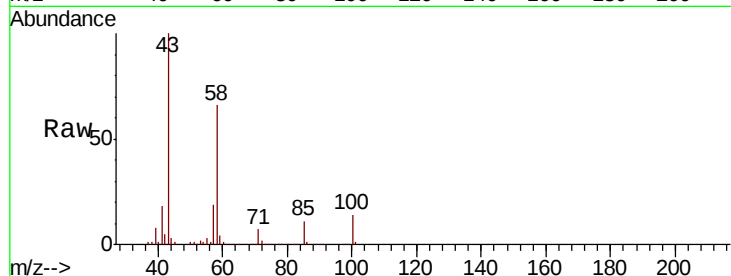




#59
2-Hexanone
Concen: 82.885 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

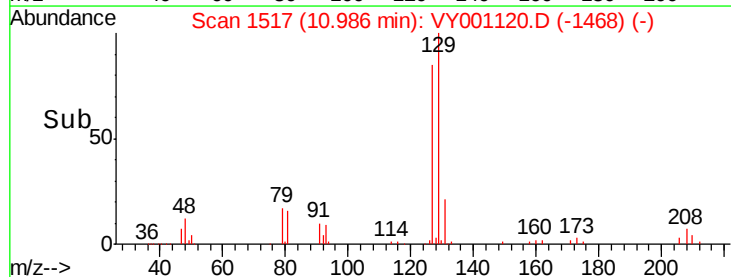
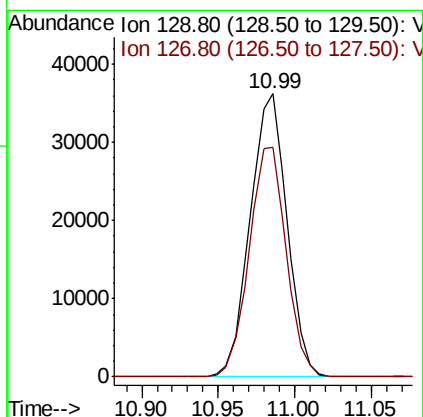
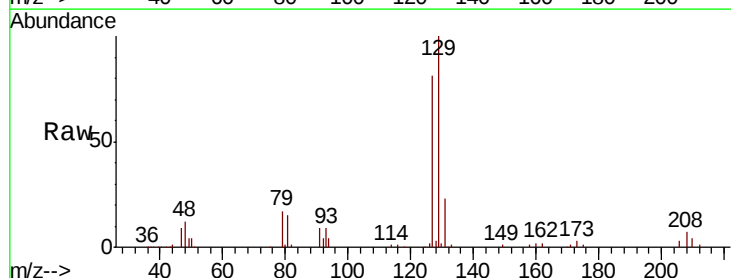
Instrument :
MSVOA_Y
ClientSampled :

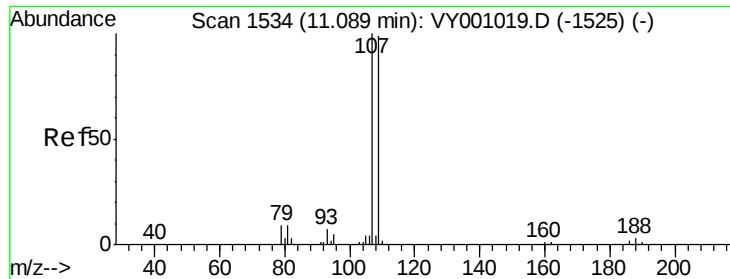
Tot Ion: 43 Resp: 160860
Ion Ratio Lower Upper
43 100
58 65.2 30.6 91.6



#60
Dibromochloromethane
Concen: 18.601 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:129 Resp: 60755
Ion Ratio Lower Upper
129 100
127 81.4 39.1 117.3

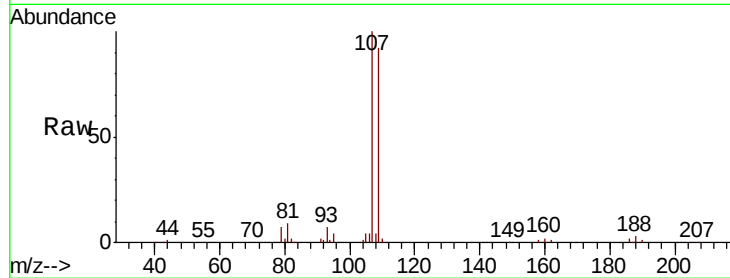




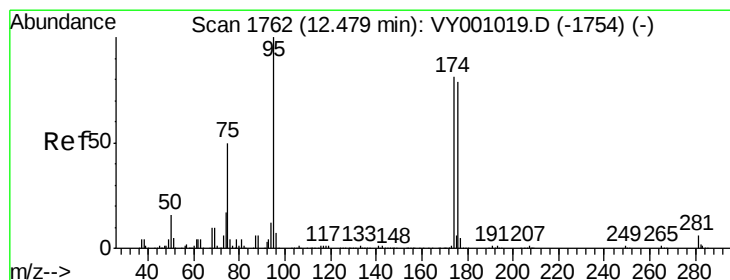
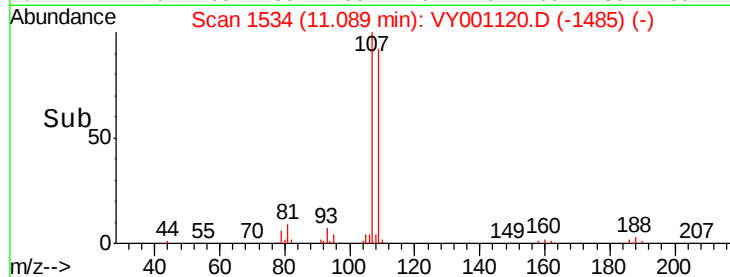
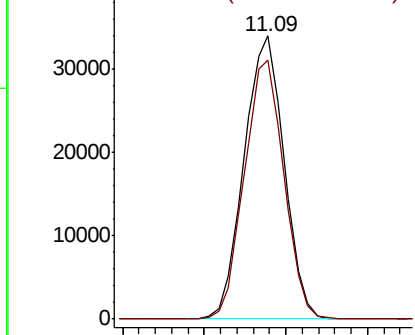
#61
 1,2-Dibromoethane
 Concen: 19.823 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 57963
 Ion Ratio Lower Upper
 107 100
 109 90.7 74.8 112.2

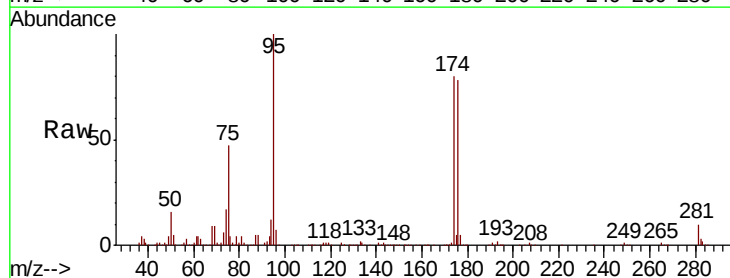


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

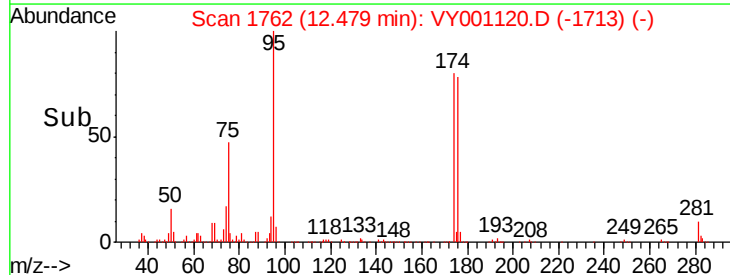
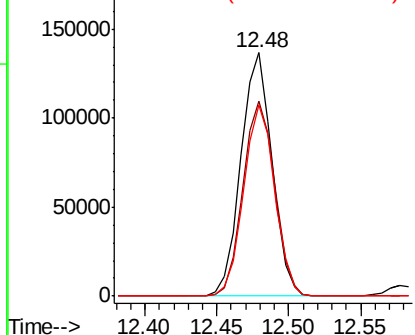


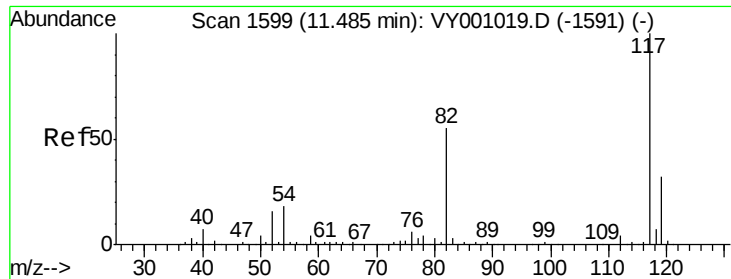
#62
 4-Bromofluorobenzene
 Concen: 44.122 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion: 95 Resp: 204295
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 156.4
 176 78.3 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

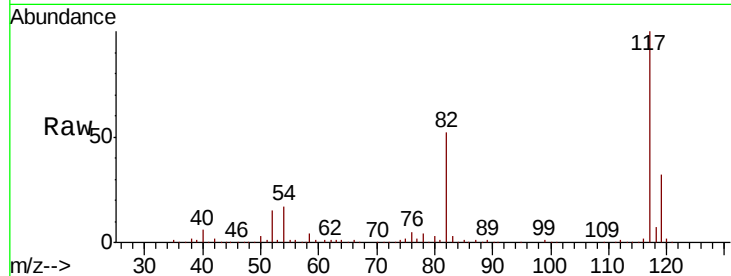




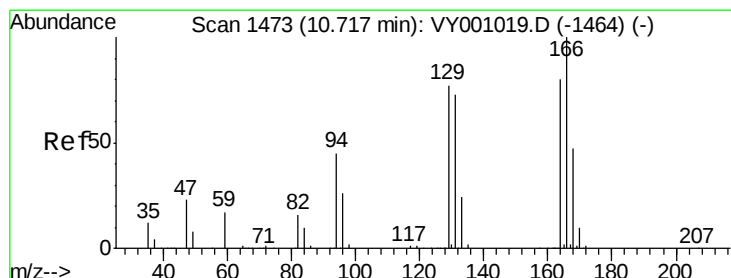
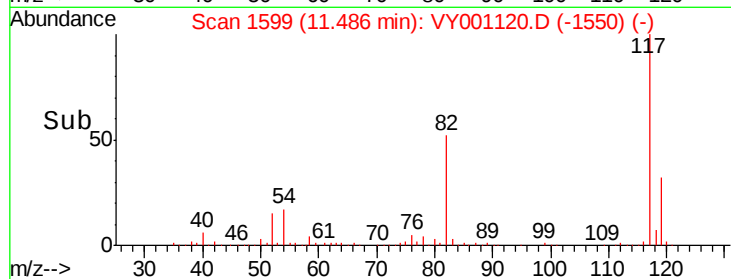
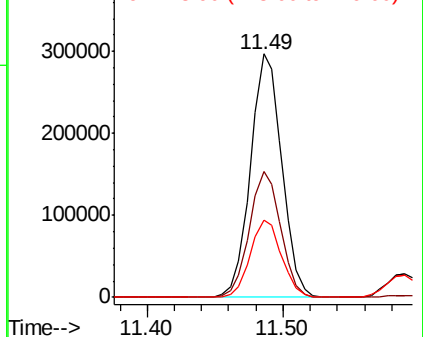
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 478512
Ion Ratio Lower Upper
117 100
82 51.7 43.8 65.8
119 31.6 25.8 38.6

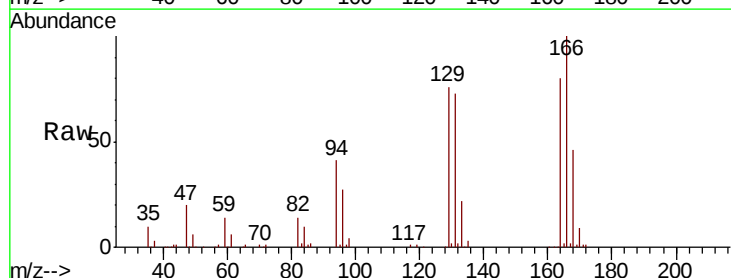


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

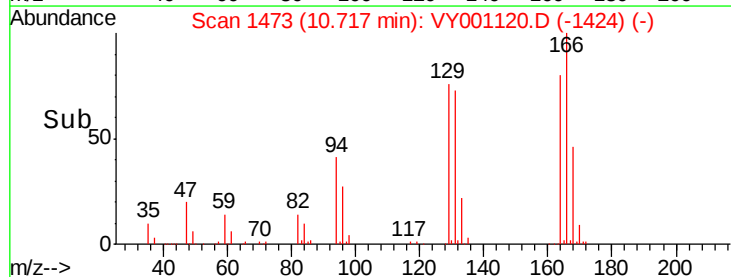
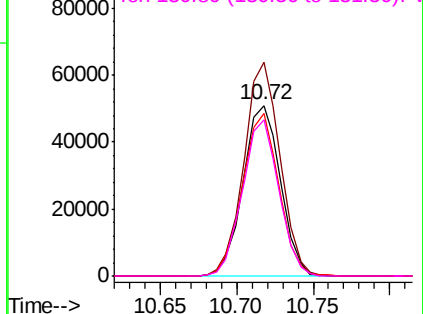


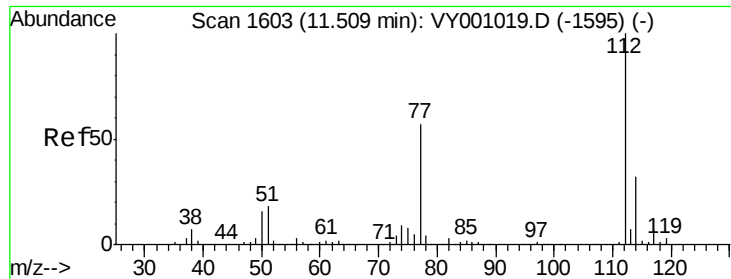
#64
Tetrachloroethene
Concen: 20.926 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:164 Resp: 86641
Ion Ratio Lower Upper
164 100
166 125.3 99.7 149.5
129 95.5 76.9 115.3
131 91.5 72.3 108.5



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: 19.951 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

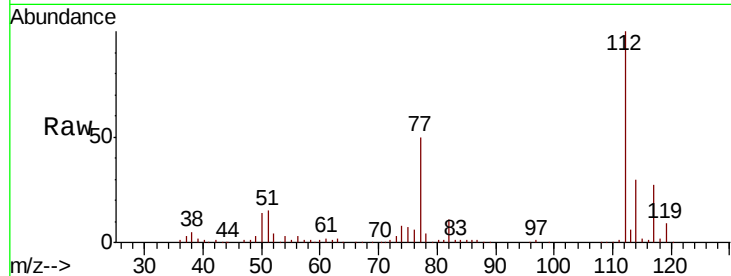
ClientSampled :

Tot Ion:112 Resp: 198026

Ion Ratio Lower Upper

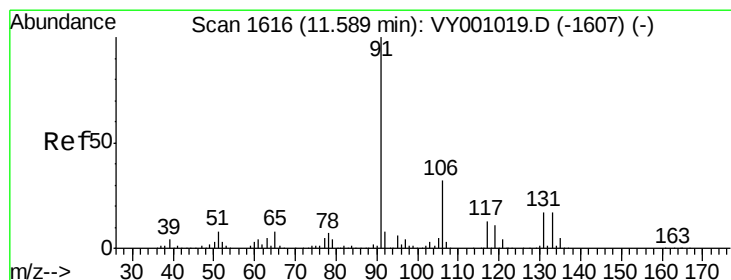
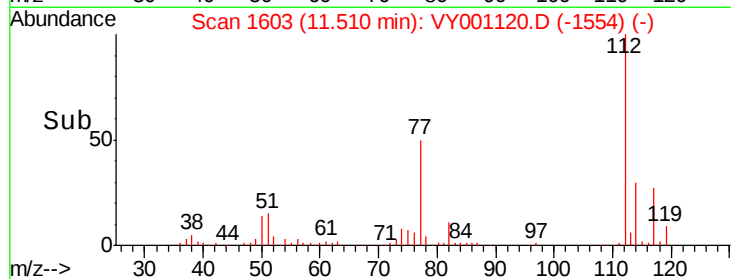
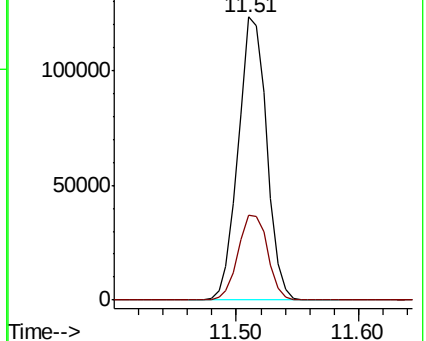
112 100

114 30.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.832 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

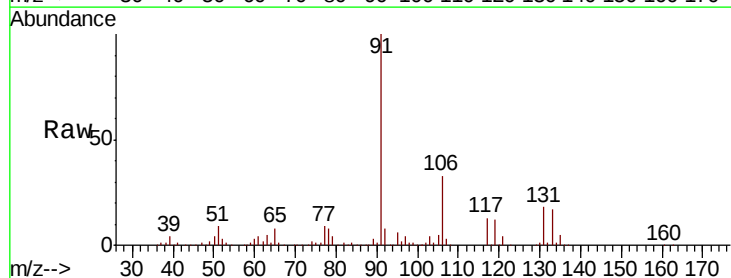
Tgt Ion:131 Resp: 64960

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

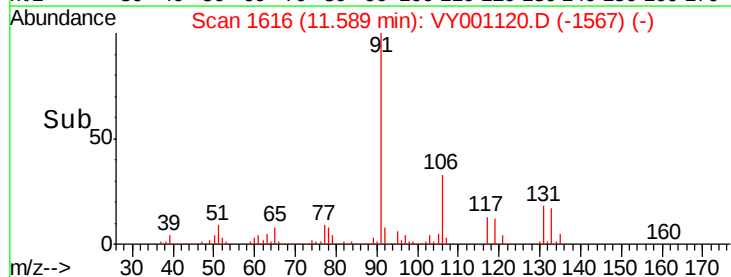
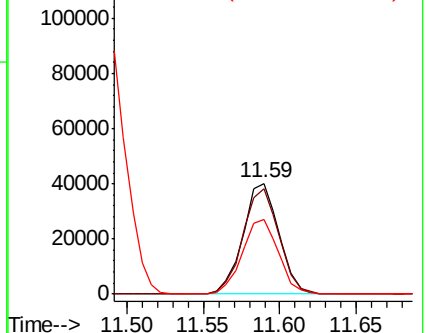
119 68.7 34.0 101.8

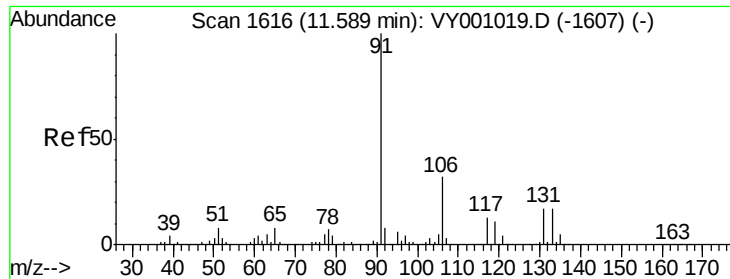


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

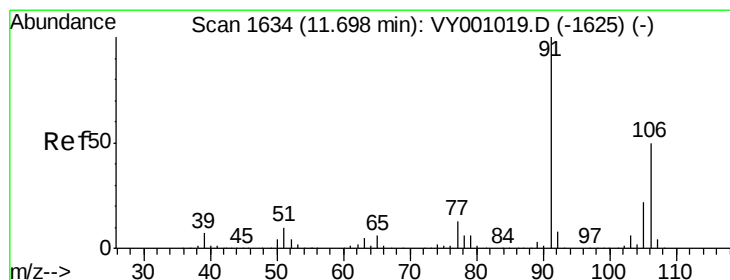
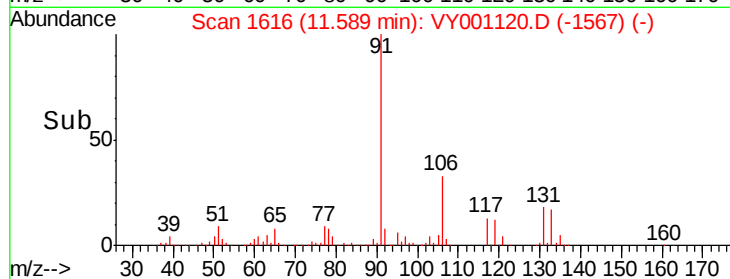
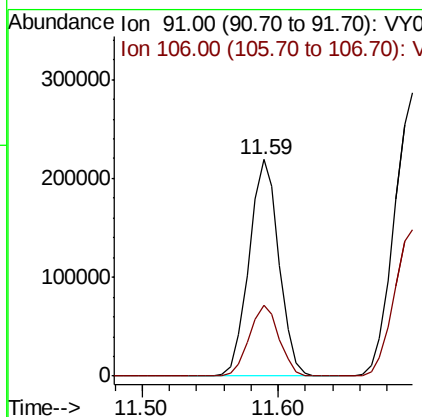
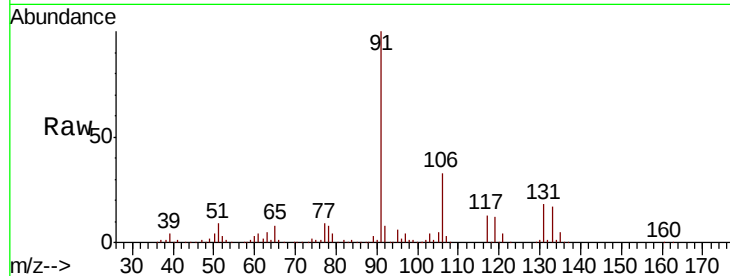




#67
Ethyl Benzene
Concen: 18.881 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

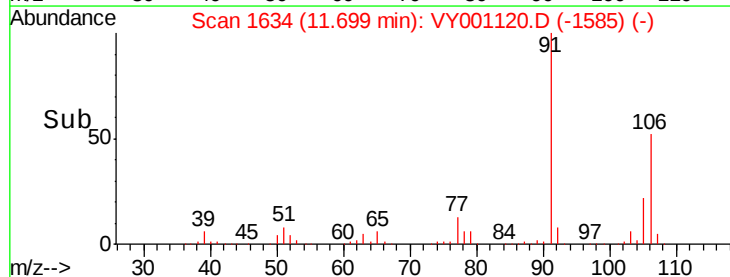
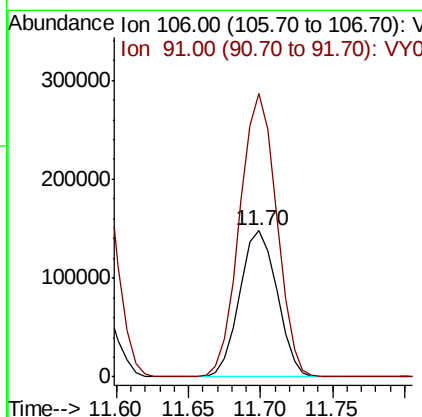
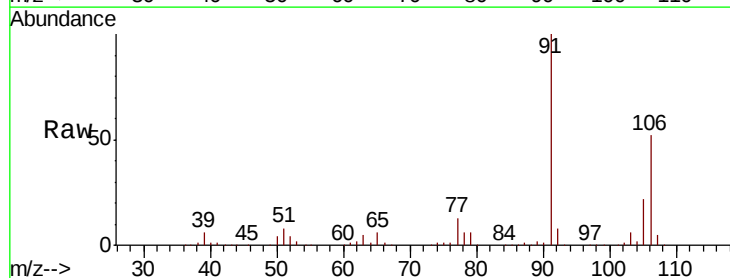
Instrument :
MSVOA_Y
ClientSampleId :

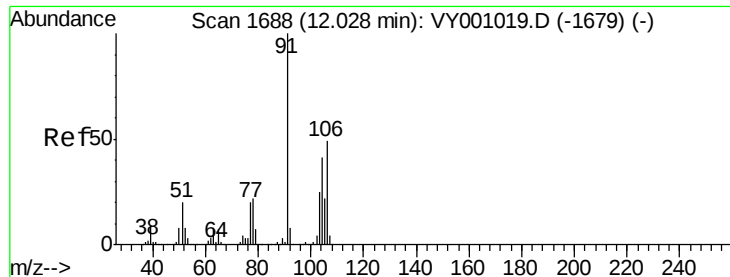
Tot Ion: 91 Resp: 337087
Ion Ratio Lower Upper
91 100
106 33.0 25.3 37.9



#68
m/p-Xylenes
Concen: 39.415 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 106 Resp: 267187
Ion Ratio Lower Upper
106 100
91 191.0 156.4 234.6

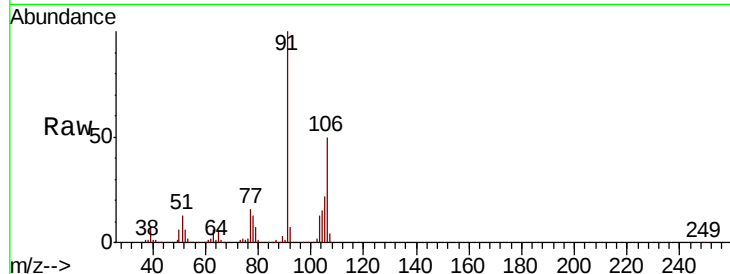




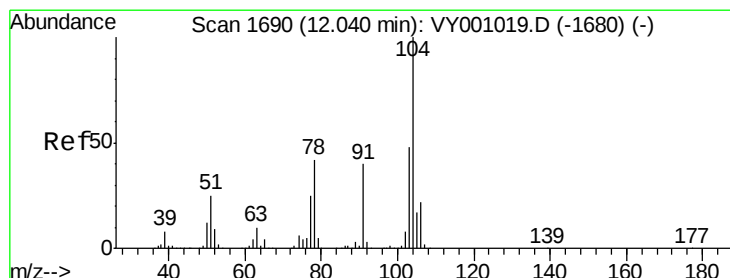
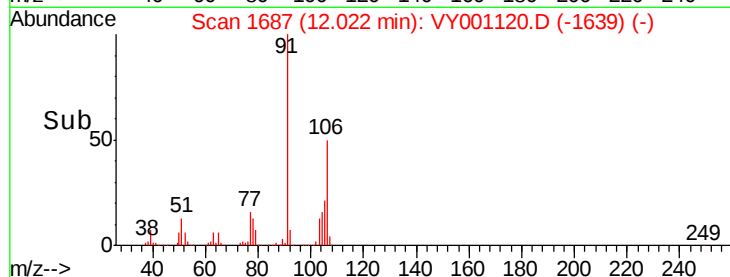
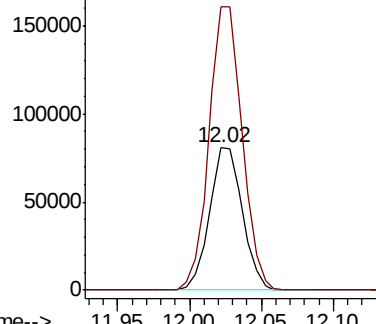
#69
o-Xylene
Concen: 19.985 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 127449
Ion Ratio Lower Upper
106 100
91 200.5 103.0 309.0

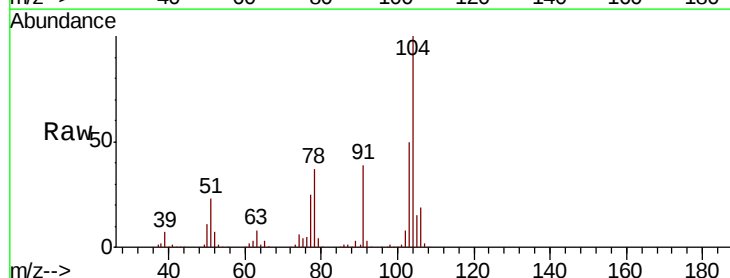


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

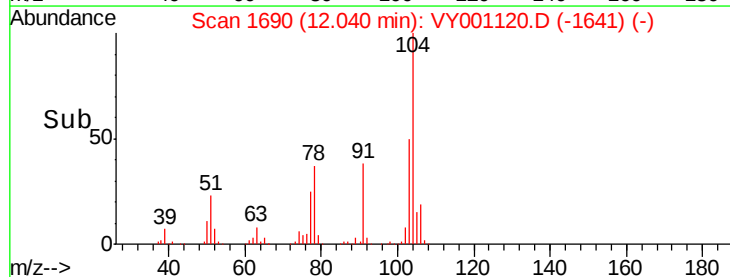
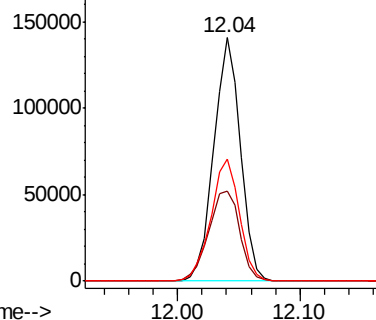


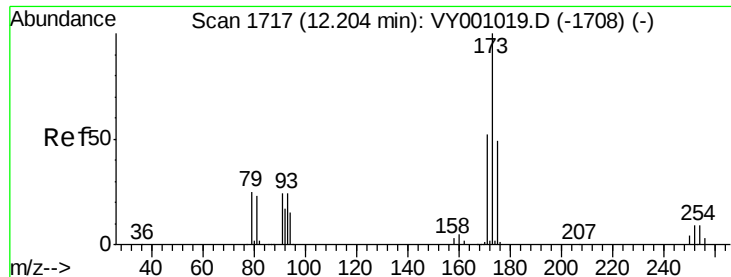
#70
Styrene
Concen: 19.661 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:104 Resp: 213198
Ion Ratio Lower Upper
104 100
78 43.4 36.6 54.8
103 53.7 42.6 64.0



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: 20.285 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

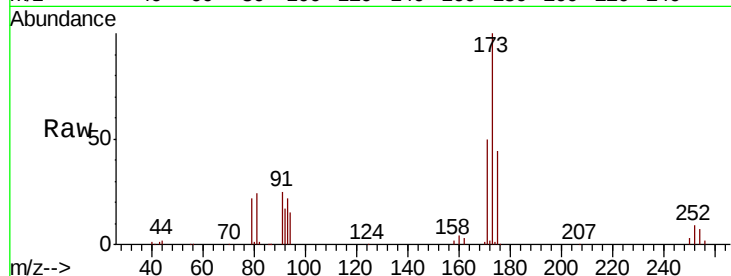
Tot Ion:173 Resp: 36998

Ion Ratio Lower Upper

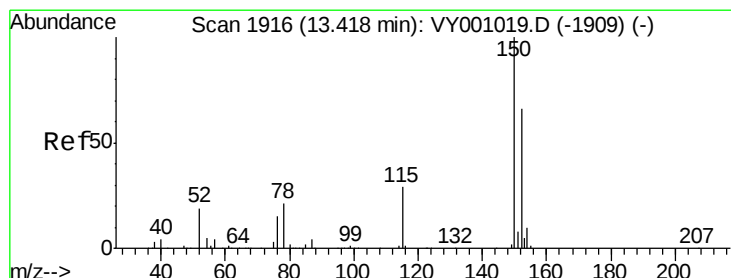
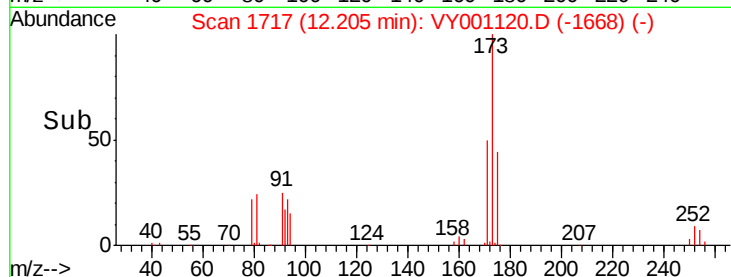
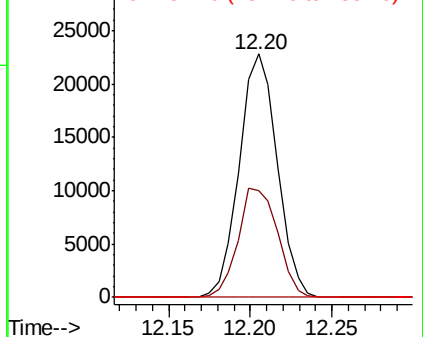
173 100

175 46.8 24.5 73.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

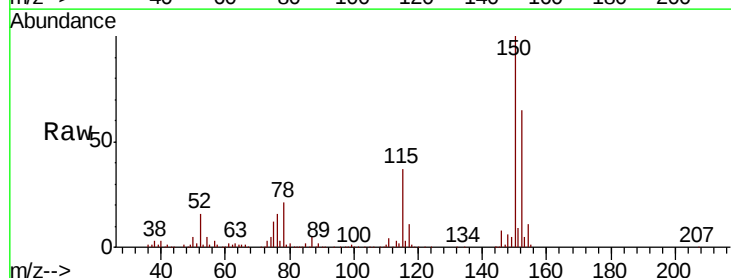
Tgt Ion:152 Resp: 225795

Ion Ratio Lower Upper

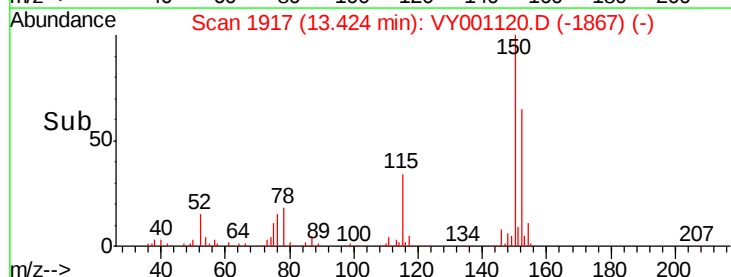
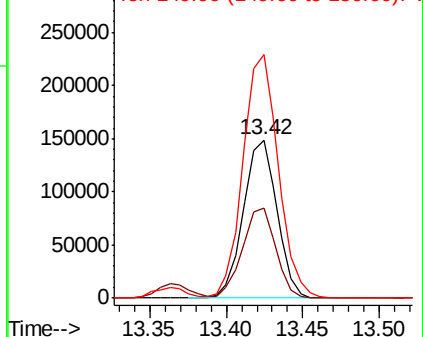
152 100

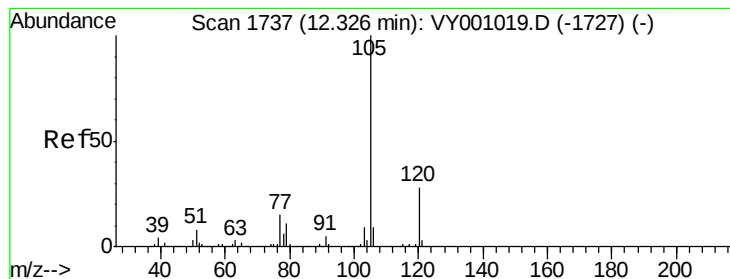
115 57.0 29.8 89.3

150 162.7 0.0 352.6



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: 18.880 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

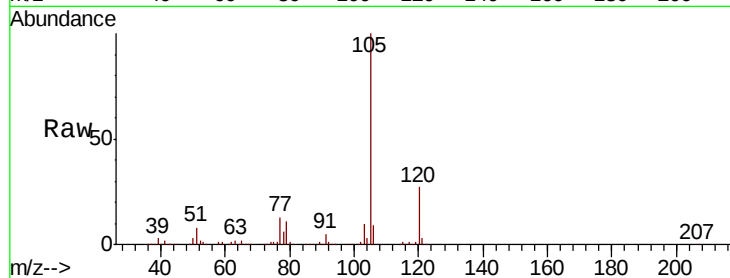
ClientSampleId :

Tot Ion:105 Resp: 329894

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

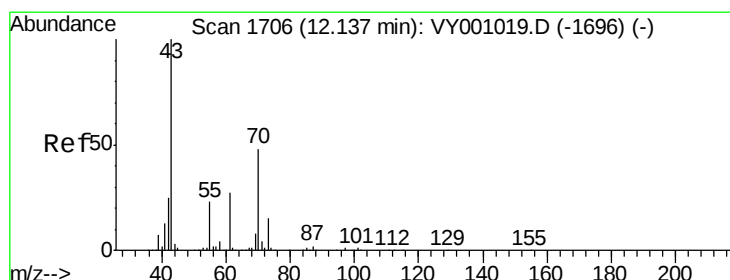
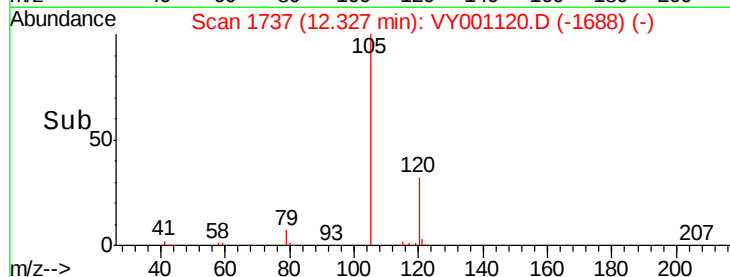
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.079 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion: 43 Resp: 73808

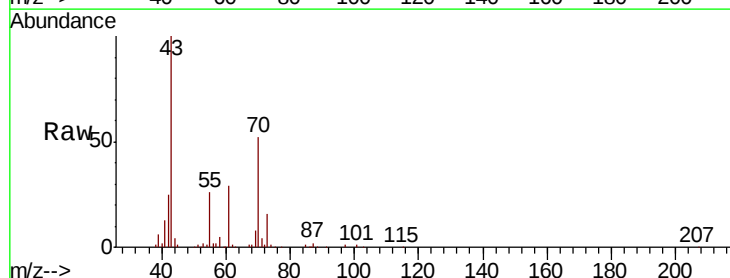
Ion Ratio Lower Upper

43 100

70 53.6 39.0 58.6

55 27.4 19.5 29.3

61 29.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

80000

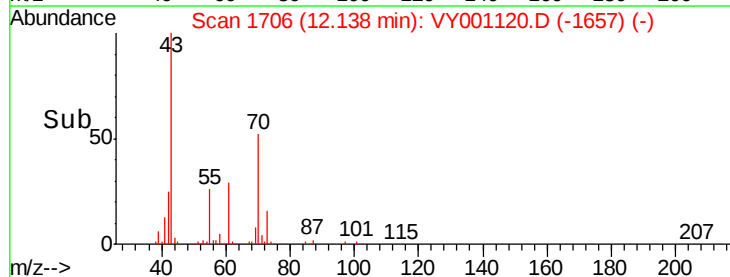
60000

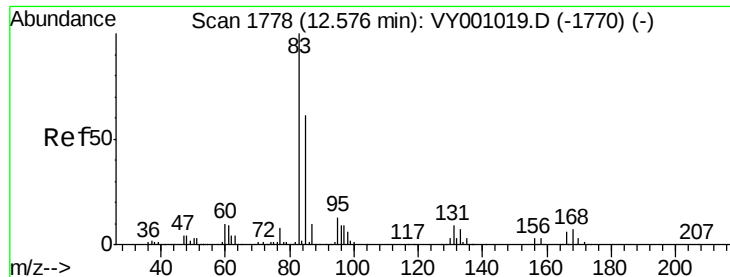
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.333 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

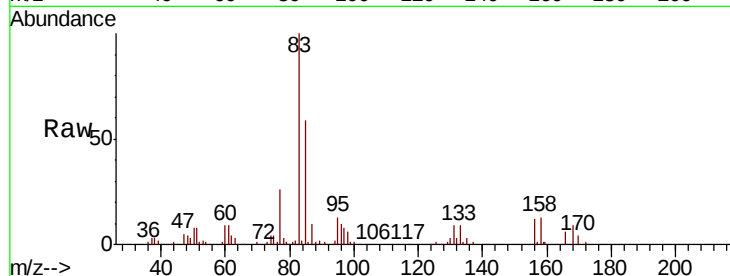
Tot Ion: 83 Resp: 63105

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

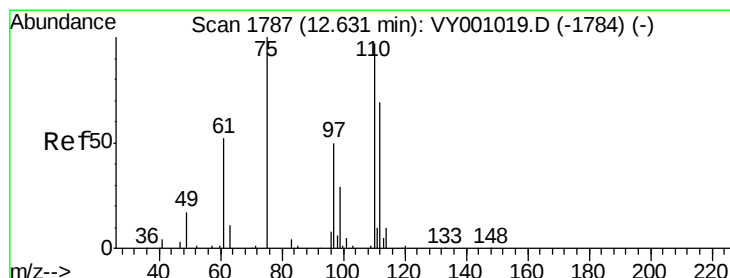
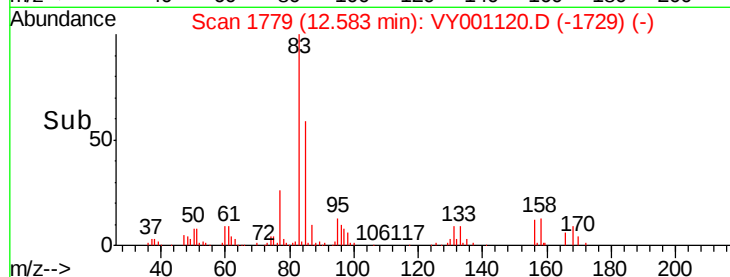
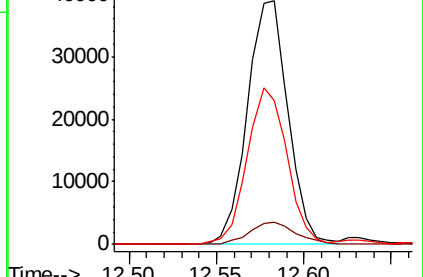
85 62.8 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 31.283 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY001120.D

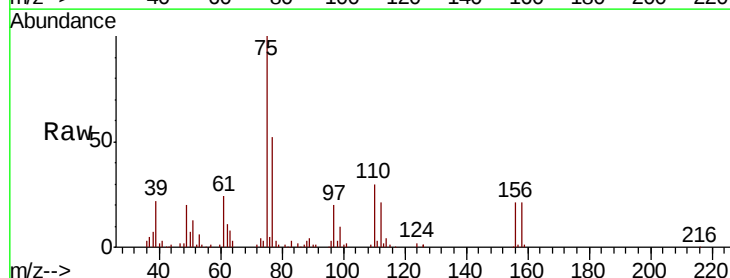
Acq: 30 Dec 2019 13:11

Tgt Ion: 75 Resp: 87080

Ion Ratio Lower Upper

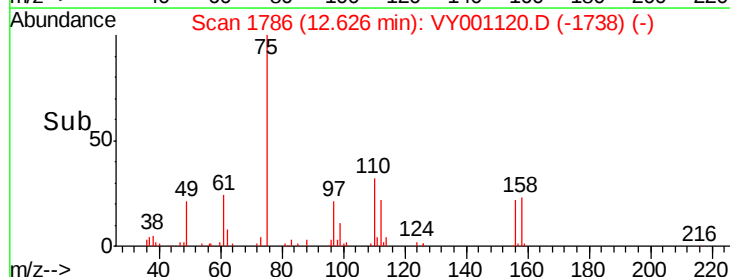
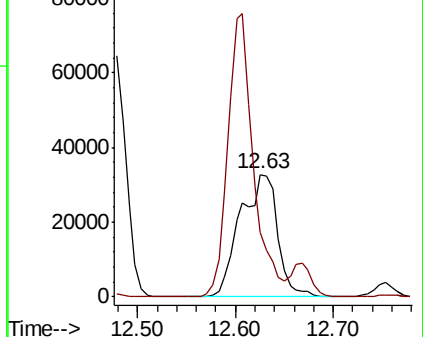
75 100

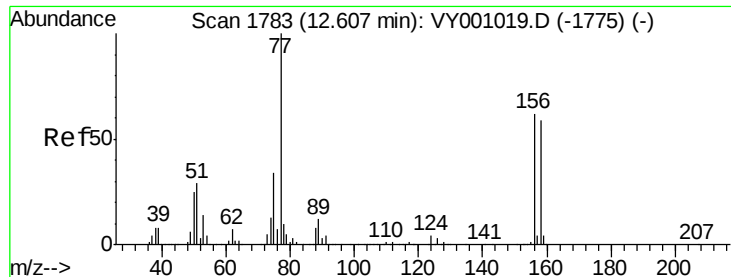
77 157.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.101 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Instrument :

MSVOA_Y

ClientSampleId :

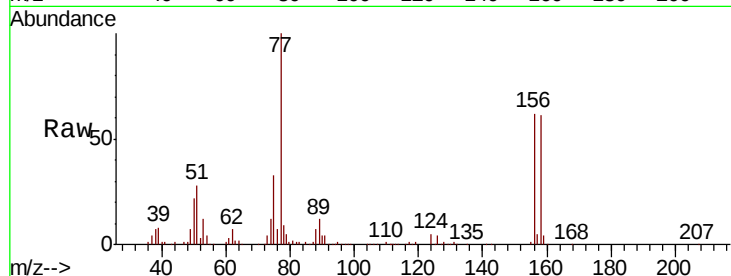
Tot Ion:156 Resp: 75061

Ion Ratio Lower Upper

156 100

77 183.0 98.0 294.1

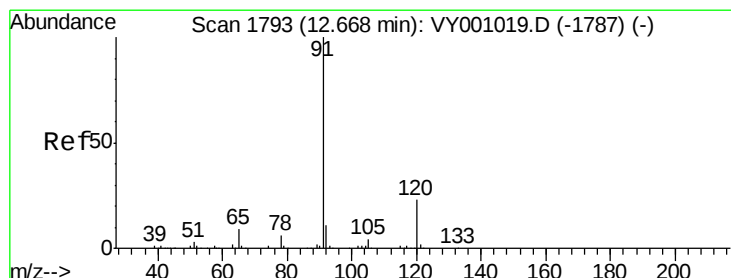
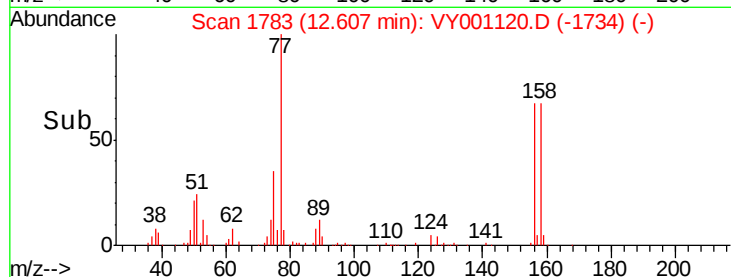
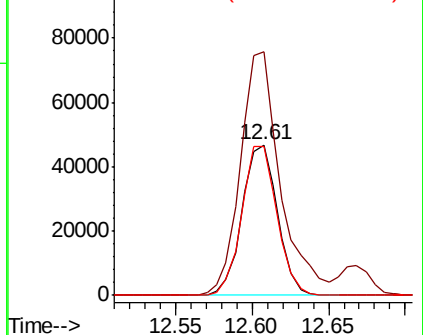
158 99.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.924 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001120.D

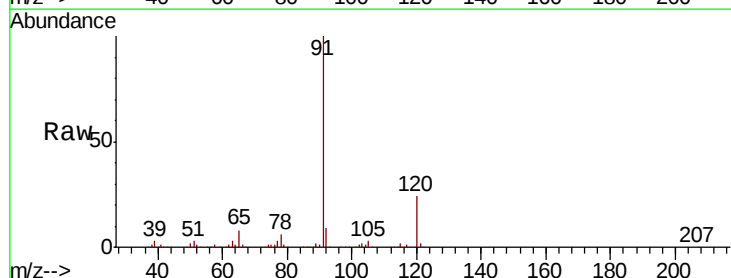
Acq: 30 Dec 2019 13:11

Tgt Ion: 91 Resp: 402912

Ion Ratio Lower Upper

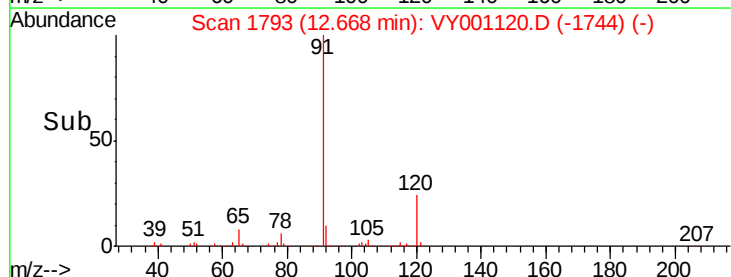
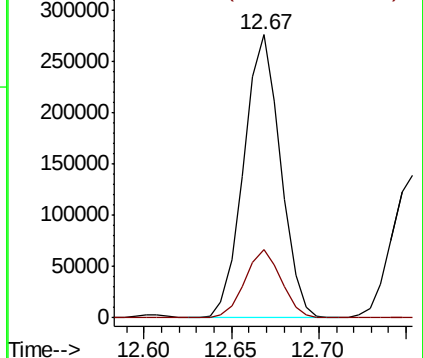
91 100

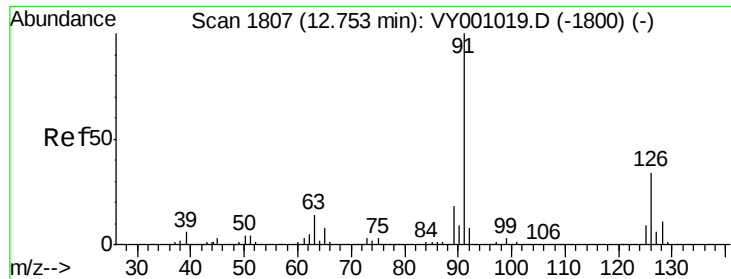
120 23.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

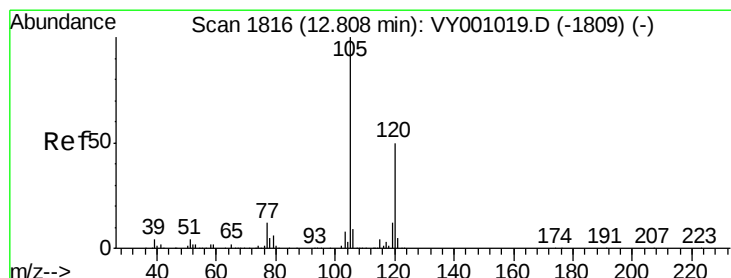
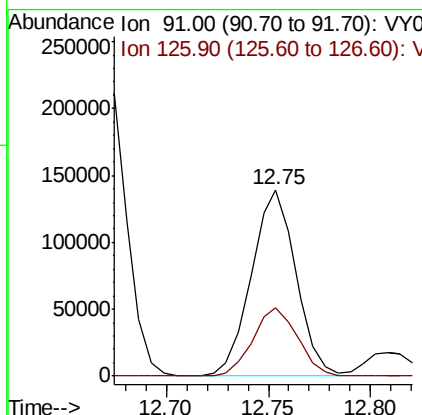
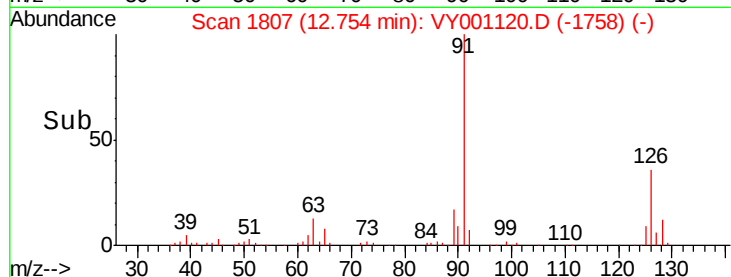
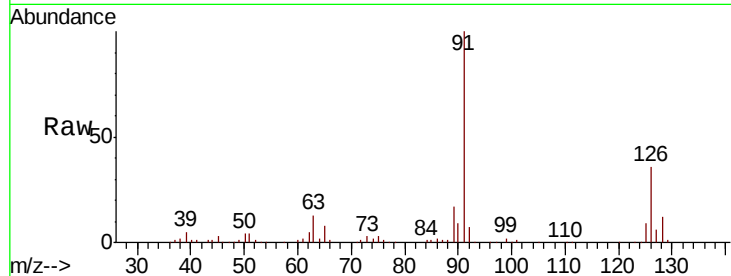




#79
2-Chlorotoluene
Concen: 18.007 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

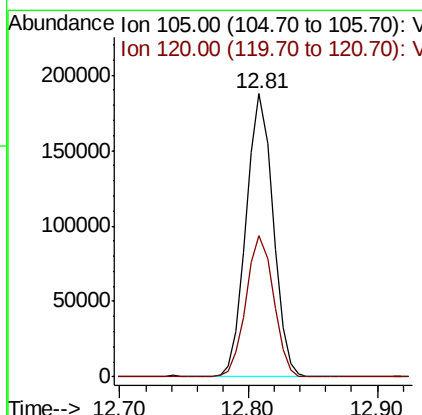
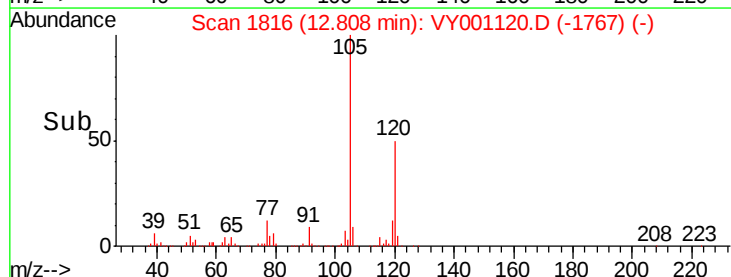
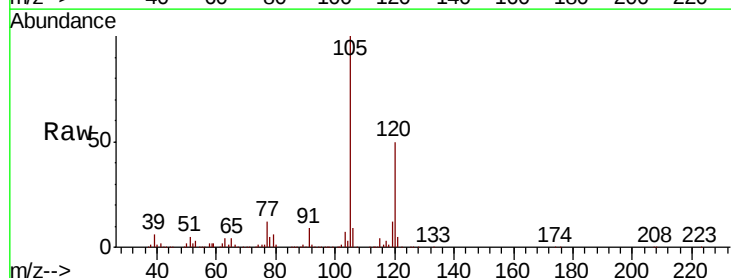
Instrument :
MSVOA_Y
ClientSampleId :

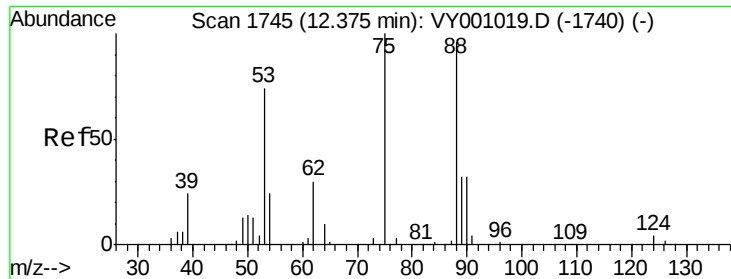
Tot Ion: 91 Resp: 211721
Ion Ratio Lower Upper
91 100
126 37.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.933 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion:105 Resp: 271166
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.4

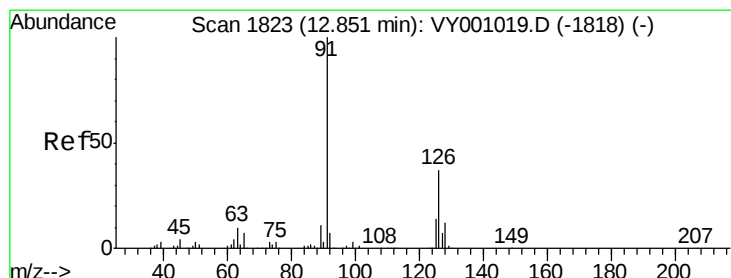
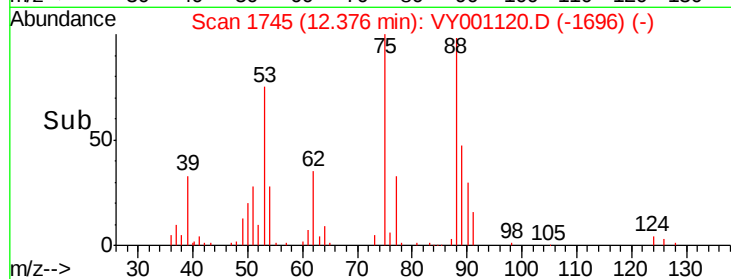
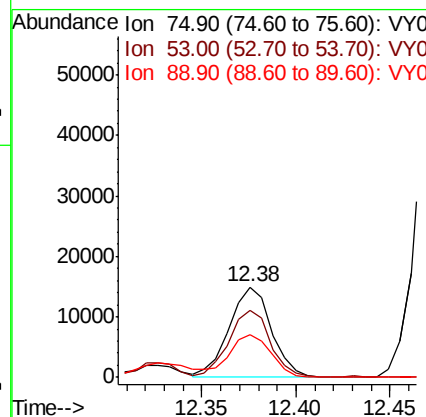
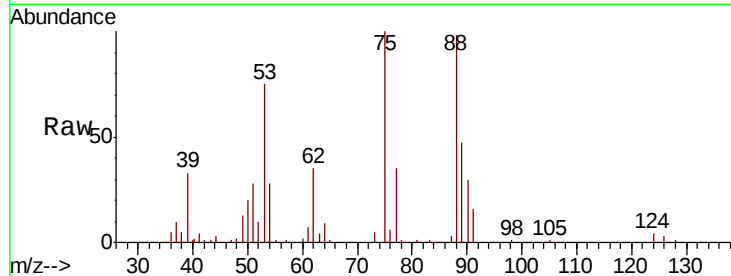




#81
trans-1,4-Dichloro-2-butene
Concen: 17.773 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

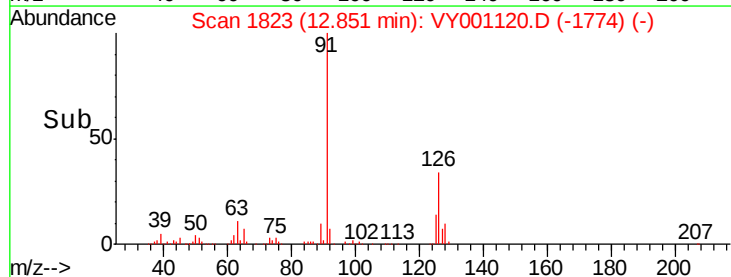
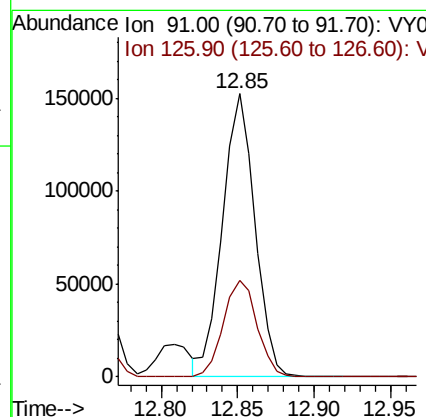
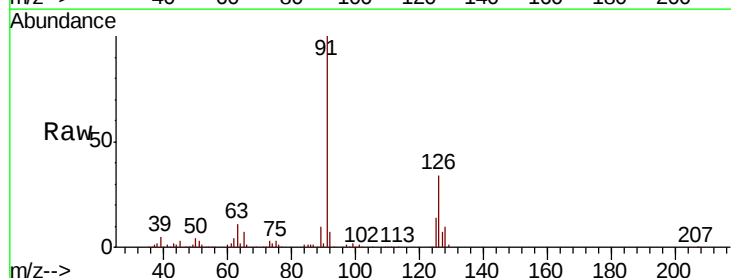
Instrument :
MSVOA_Y
ClientSampleId :

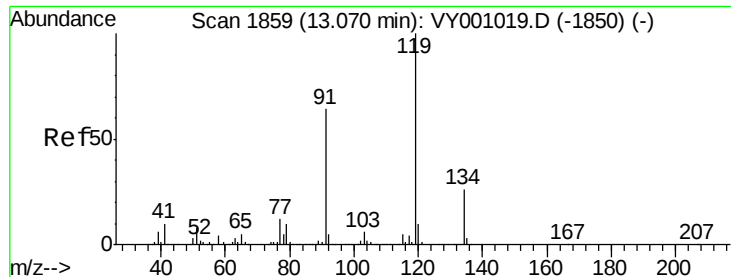
Tot Ion: 75 Resp: 23196
Ion Ratio Lower Upper
75 100
53 73.5 60.6 91.0
89 45.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 18.345 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 91 Resp: 224038
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.8

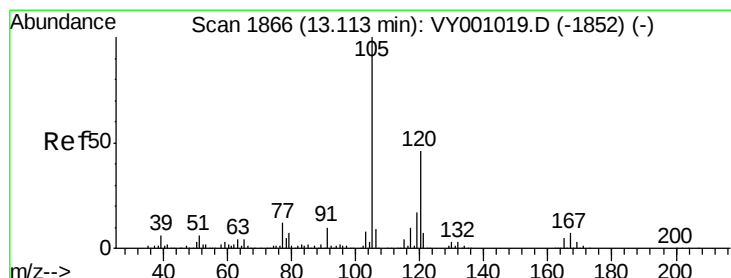
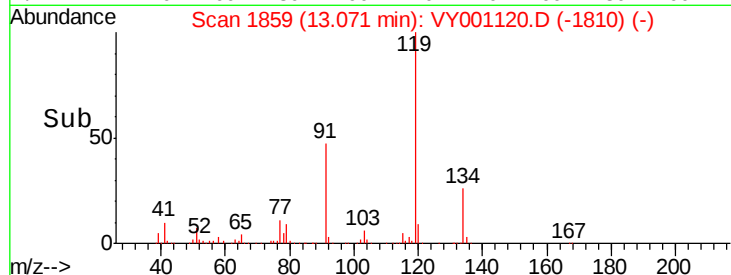
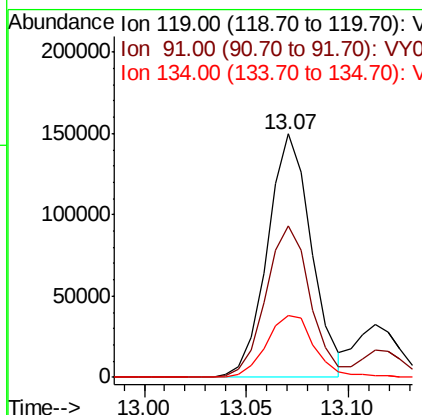
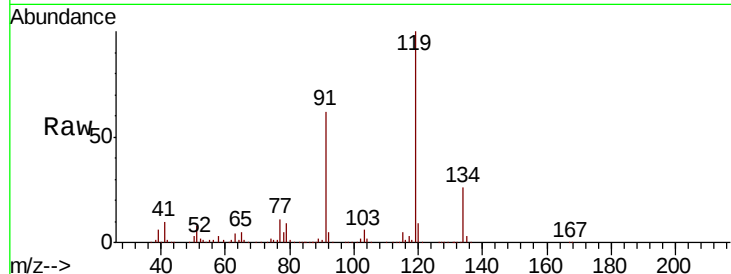




#83
 tert-Butylbenzene
 Concen: 18.692 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

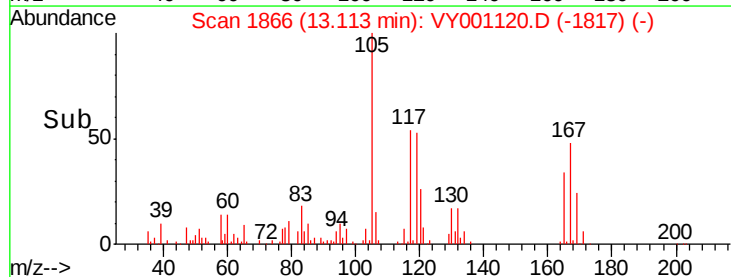
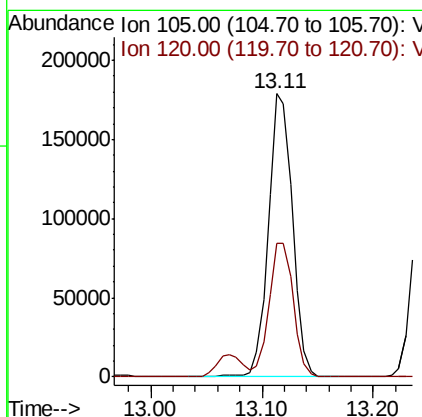
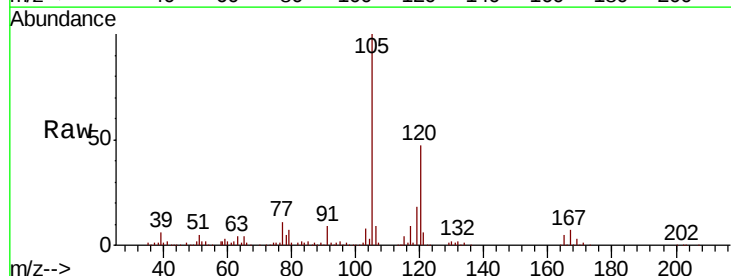
Instrument :
 MSVOA_Y
 ClientSampled :

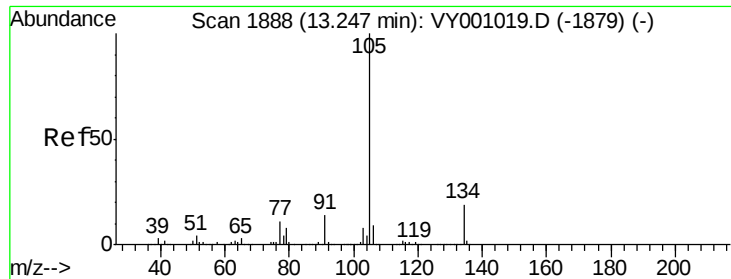
Tot Ion:119	Resp:	224731
Ion Ratio	Lower	Upper
119	100	
91	63.7	31.9 95.7
134	28.0	13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.695 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion:105	Resp:	269073
Ion Ratio	Lower	Upper
105	100	
120	47.6	23.4 70.2

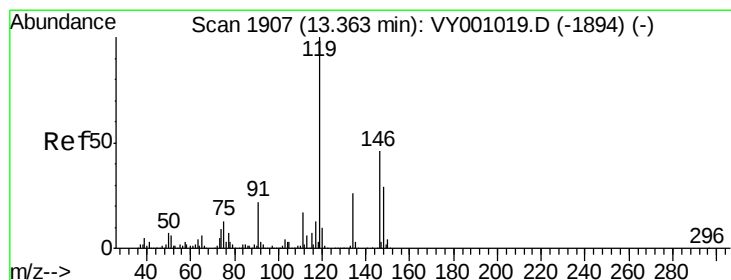
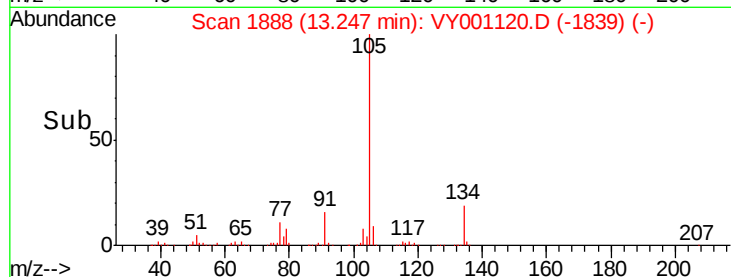
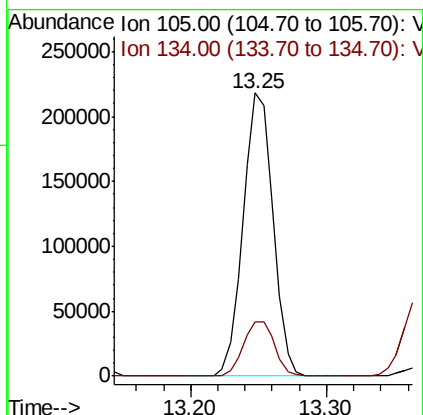
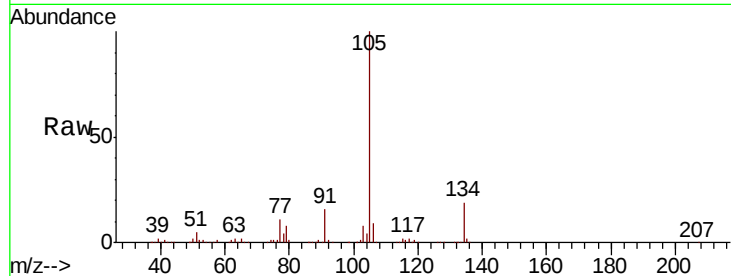




#85
 sec-Butylbenzene
 Concen: 18.895 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

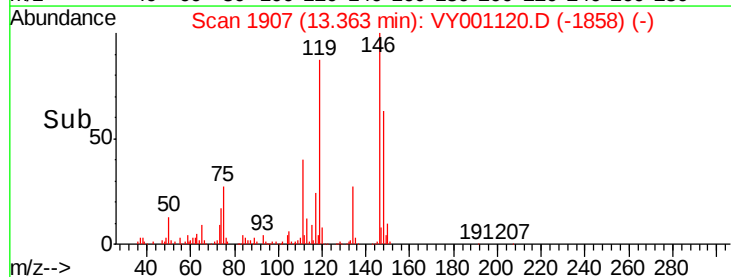
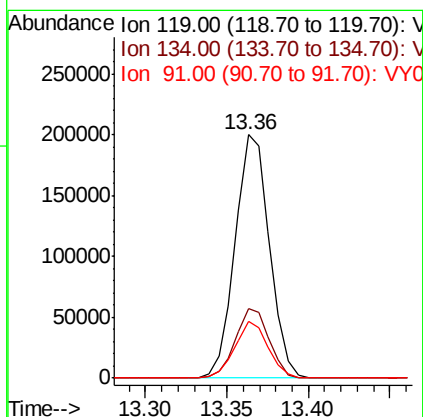
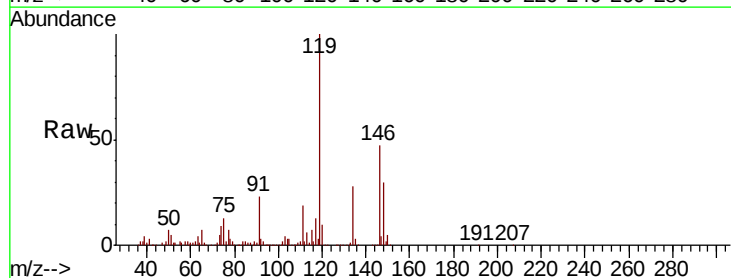
Instrument :
 MSVOA_Y
 ClientSampleId :

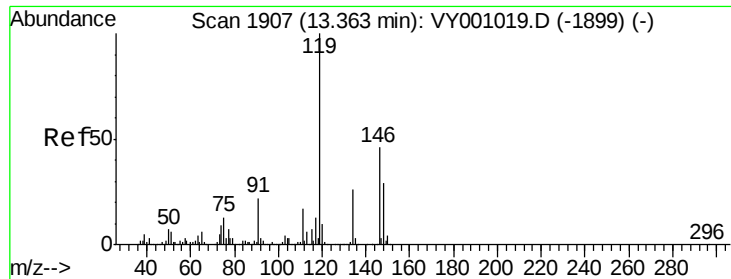
Tot Ion:105 Resp: 334896
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.024 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion:119 Resp: 291766
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.6 40.7
 91 22.6 11.4 34.1

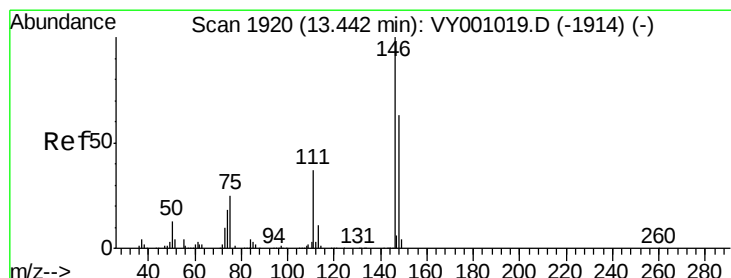
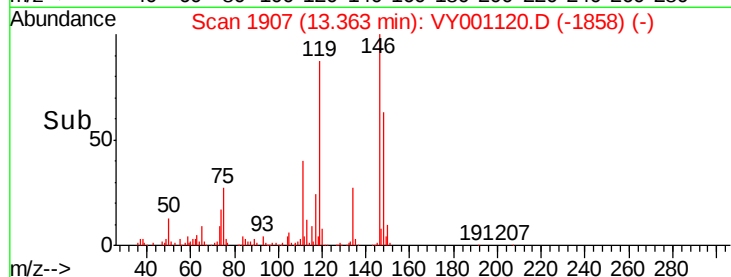
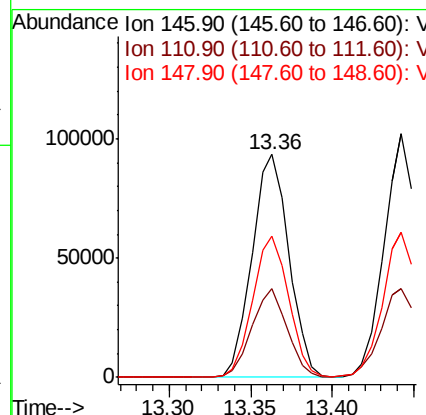
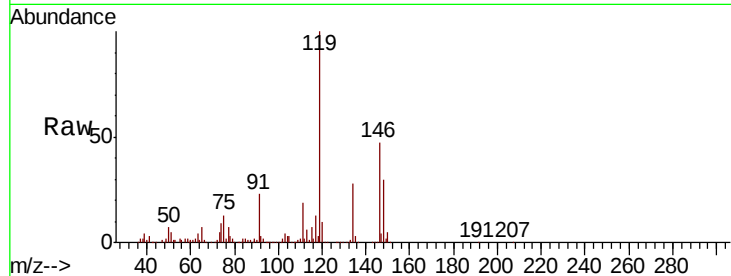




#87
 1,3-Dichlorobenzene
 Concen: 19.565 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

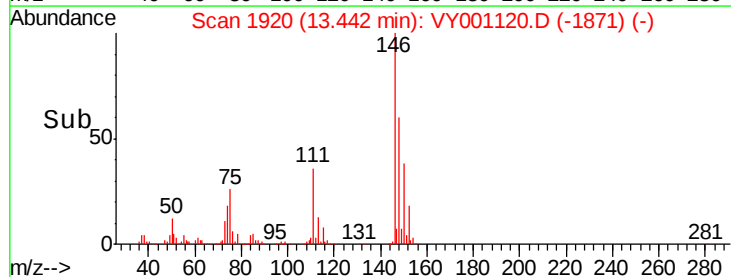
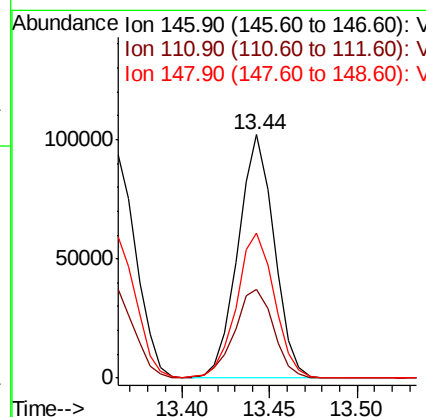
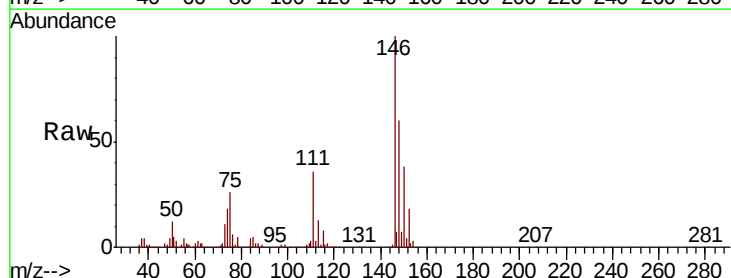
Instrument :
 MSVOA_Y
 ClientSampleId :

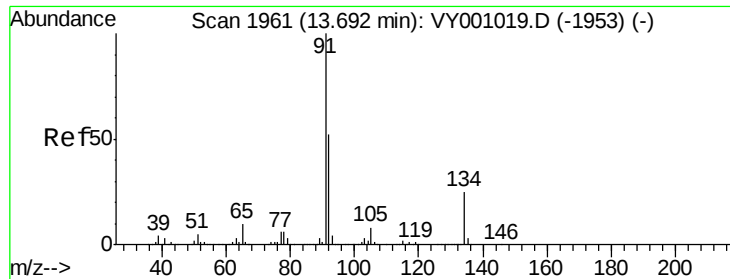
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.0
148	61.8	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.332 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	62.5	31.8	95.3

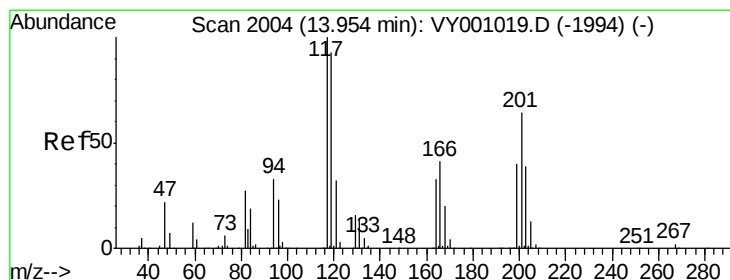
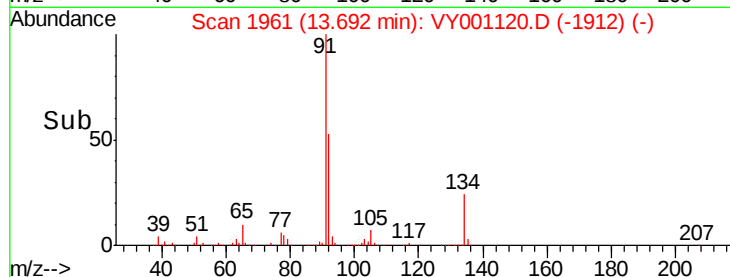
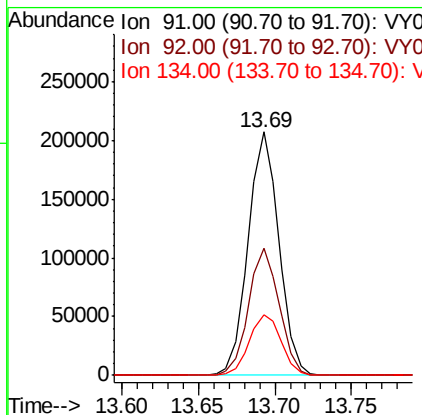
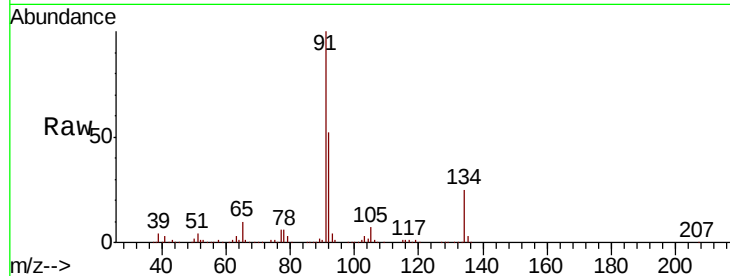




#89
n-Butylbenzene
Concen: 18.774 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

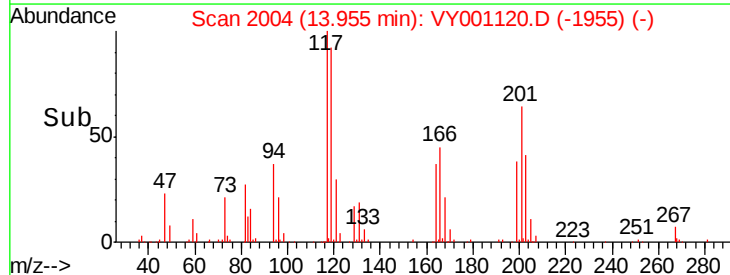
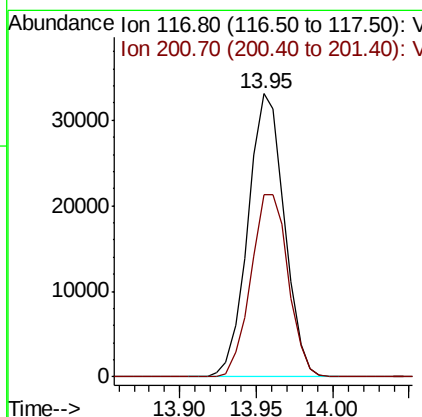
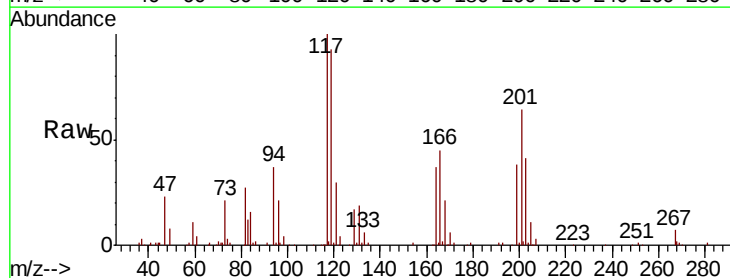
Instrument :
MSVOA_Y
ClientSampled :

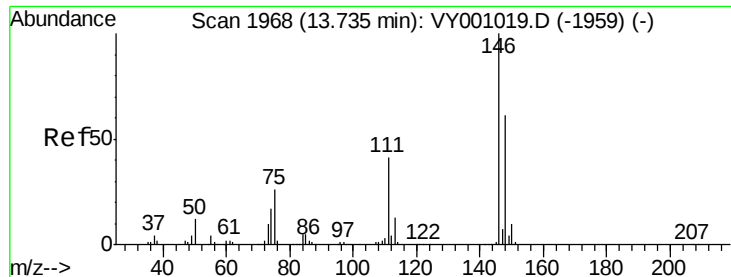
Tot Ion: 91 Resp: 289695
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 25.8 12.7 38.0



#90
Hexachloroethane
Concen: 18.956 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001120.D
Acq: 30 Dec 2019 13:11

Tgt Ion: 117 Resp: 54773
Ion Ratio Lower Upper
117 100
201 66.0 33.7 101.1

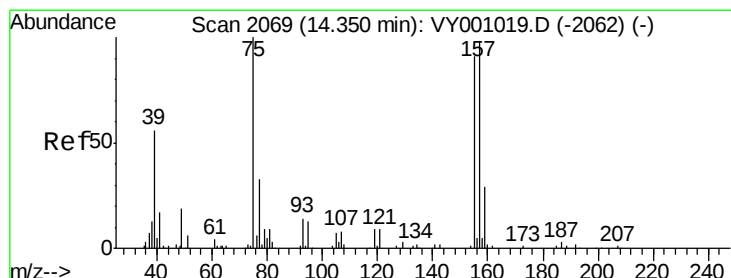
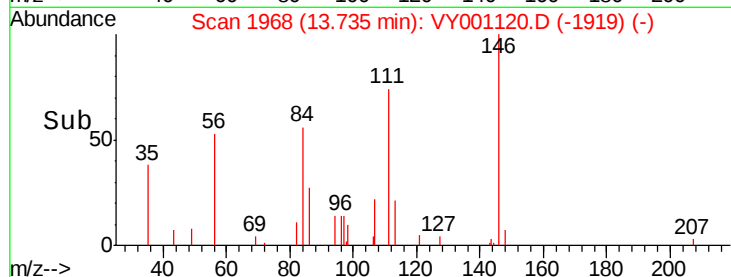
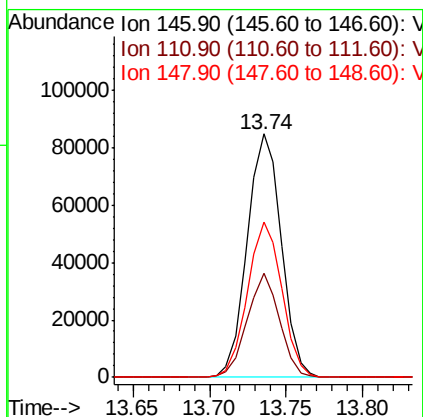
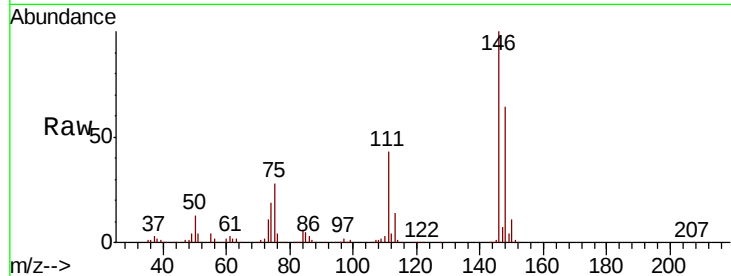




#91
 1,2-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

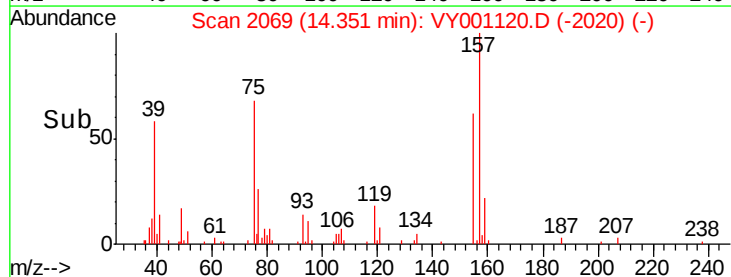
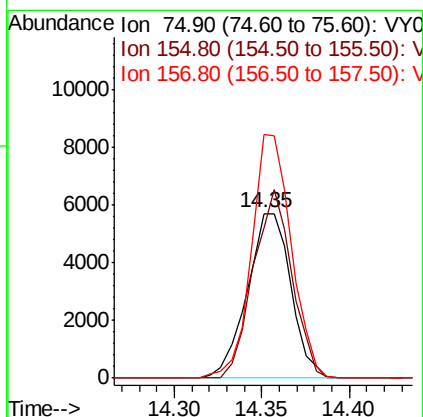
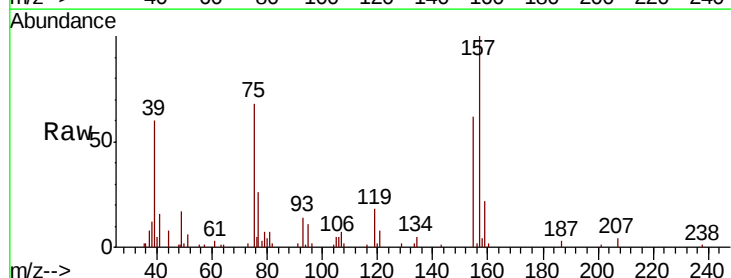
Instrument :
 MSVOA_Y
 ClientSampled :

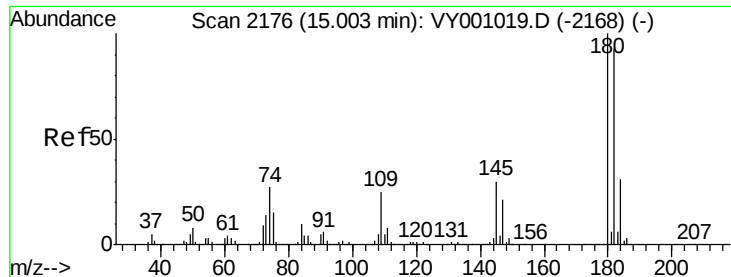
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	64.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.154 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	46.3	138.9
157	134.6	58.1	174.4

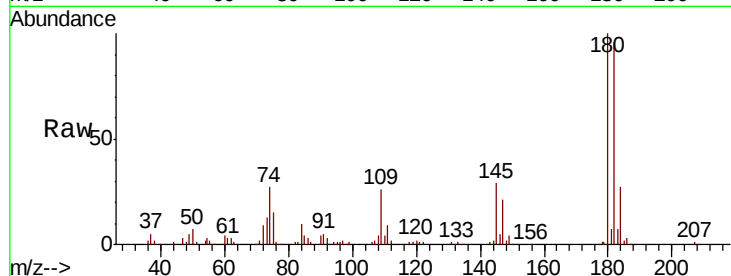




#93
 1,2,4-Trichlorobenzene
 Concen: 19.457 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	31.5	15.3	45.9

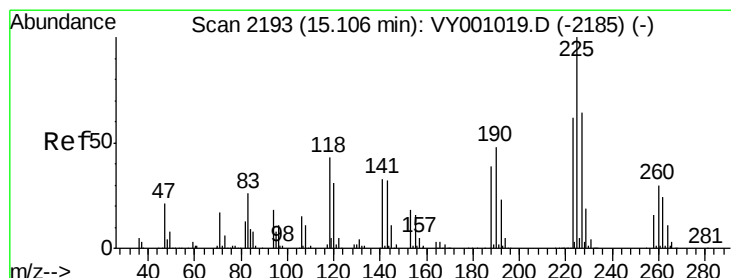
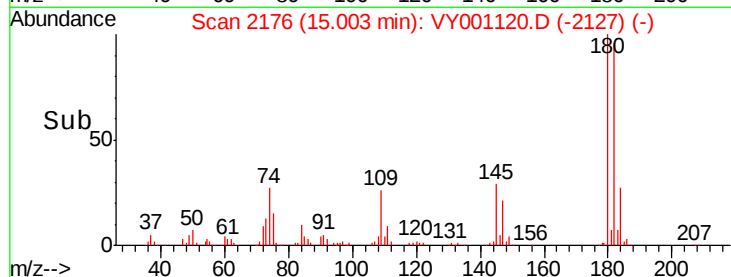
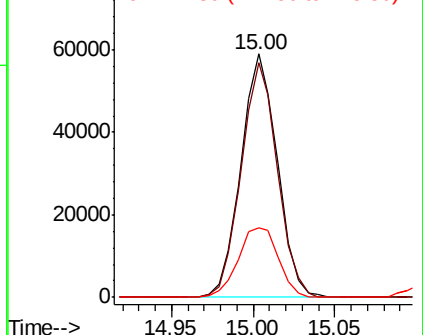


Abundance

Ion 179.80 (179.50 to 180.50): V

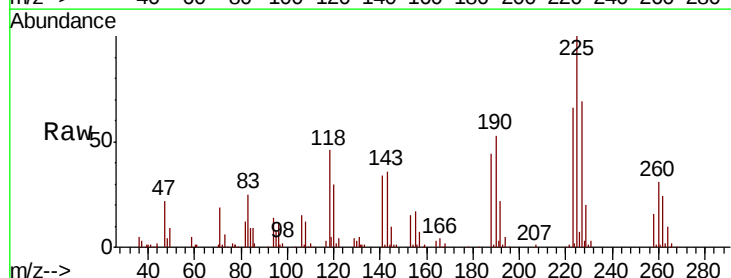
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.814 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001120.D
 Acq: 30 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.6	94.8
227	62.8	31.9	95.5

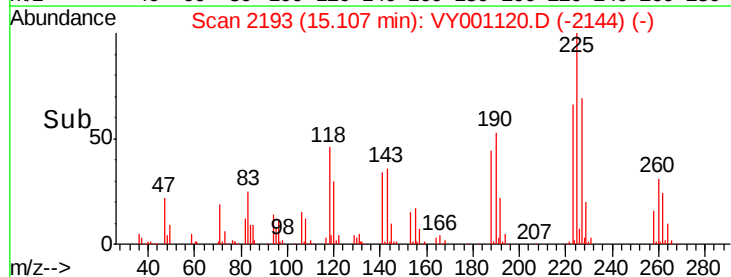
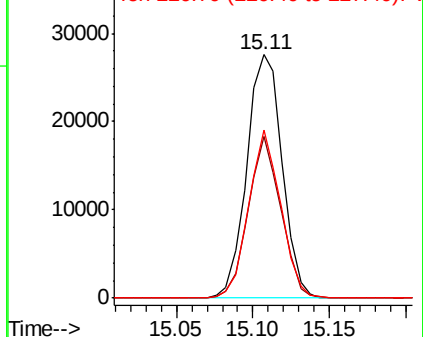


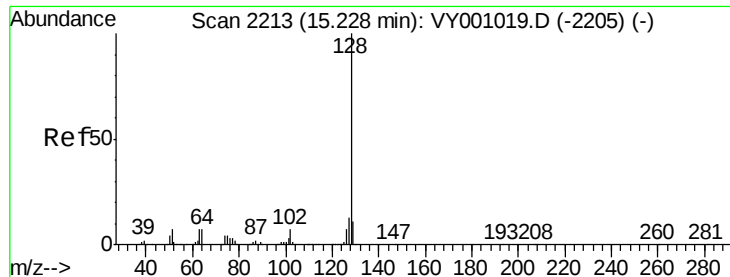
Abundance

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: 19.297 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

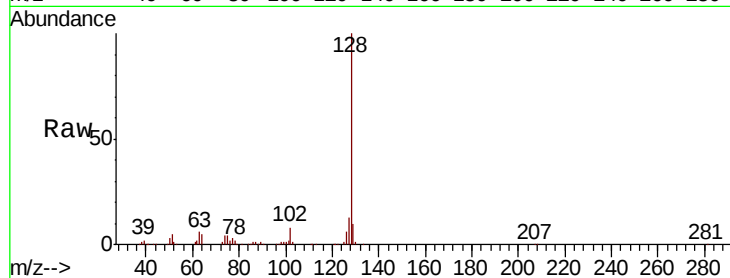
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 213258

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.9	14.9
129	10.8	8.6	13.0

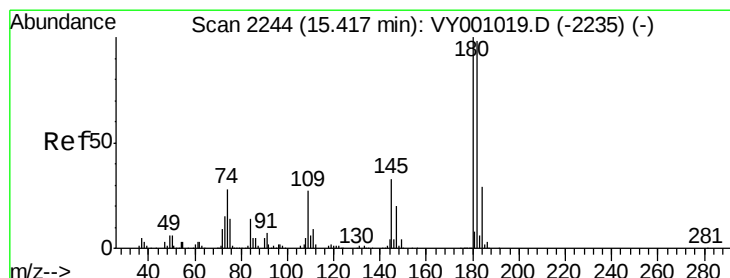
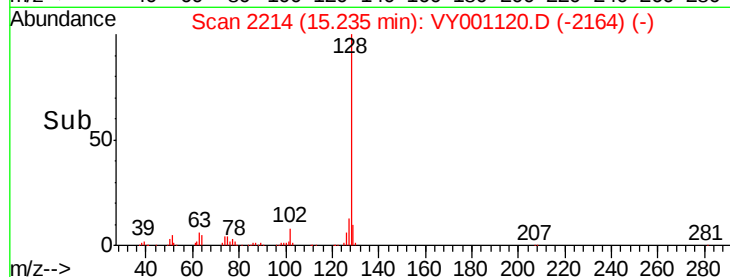
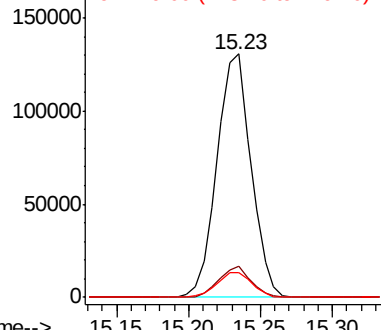


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.900 ug/l

RT: 15.42 min Scan# 2244

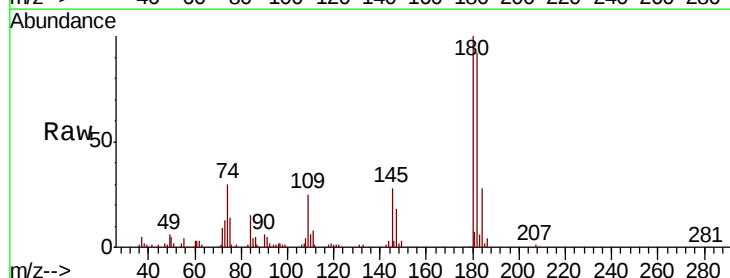
Delta R.T. 0.00 min

Lab File: VY001120.D

Acq: 30 Dec 2019 13:11

Tgt Ion:180 Resp: 83398

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.8
145	31.2	16.3	48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

