

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002430.D
 Acq On : 21 Apr 2020 14:12
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 15:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	278271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	430632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	391296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	188244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	93710	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	7.74	113	107875	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.19	98	427471	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.49	95	142650	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33531	17.637	ug/l	99
3) Chloromethane	2.12	50	44300	19.086	ug/l	100
4) Vinyl Chloride	2.26	62	49573	19.825	ug/l	91
5) Bromomethane	2.65	94	30348	18.715	ug/l	99
6) Chloroethane	2.80	64	26856	18.191	ug/l	99
7) Trichlorofluoromethane	3.14	101	74903	19.246	ug/l	96
8) Diethyl Ether	3.55	74	31705	20.641	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	50617	19.883	ug/l	99
10) Methyl Iodide	4.11	142	64124	18.680	ug/l	98
11) Tert butyl alcohol	4.98	59	24943	103.122	ug/l #	91
12) 1,1-Dichloroethene	3.89	96	51876	19.632	ug/l	93
13) Acrolein	3.75	56	21198	89.177	ug/l	99
14) Allyl chloride	4.50	41	63725	19.609	ug/l	99
15) Acrylonitrile	5.19	53	72121	104.760	ug/l	98
16) Acetone	3.97	43	49715	91.920	ug/l	99
17) Carbon Disulfide	4.22	76	153098	19.016	ug/l	99
18) Methyl Acetate	4.50	43	31199	20.182	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124624	20.082	ug/l	97
20) Methylene Chloride	4.74	84	64007	21.149	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	56794	19.861	ug/l	99
22) Diisopropyl ether	6.14	45	129788	19.919	ug/l	99
23) Vinyl Acetate	6.08	43	414105	100.901	ug/l	99
24) 1,1-Dichloroethane	6.05	63	81699	19.772	ug/l	98
25) 2-Butanone	7.01	43	75186	97.524	ug/l	99
26) 2,2-Dichloropropane	7.01	77	69152	19.118	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	61827	19.937	ug/l	99
28) Bromochloromethane	7.36	49	31607	20.075	ug/l	96
29) Tetrahydrofuran	7.36	42	50173	101.471	ug/l	99
30) Chloroform	7.53	83	84355	19.782	ug/l	91
31) Cyclohexane	7.80	56	77972	18.617	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	73281	19.458	ug/l	99
36) 1,1-Dichloropropene	7.94	75	66996	19.335	ug/l	99
37) Ethyl Acetate	7.10	43	34096	21.043	ug/l	98
38) Carbon Tetrachloride	7.92	117	66865	19.158	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002430.D
 Acq On : 21 Apr 2020 14:12
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 15:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	92199	19.272	ug/l	96
40) Benzene	8.18	78	212875	19.961	ug/l	99
41) Methacrylonitrile	7.37	41	45172	52.346	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	49433	19.674	ug/l	99
43) Isopropyl Acetate	8.29	43	60027	19.756	ug/l	98
44) Trichloroethene	8.96	130	71553	20.068	ug/l	100
45) 1,2-Dichloropropane	9.23	63	48110	19.750	ug/l	95
46) Dibromomethane	9.32	93	28513	20.055	ug/l	99
47) Bromodichloromethane	9.51	83	63671	19.740	ug/l	95
48) Methyl methacrylate	9.30	41	26506	19.537	ug/l	97
49) 1,4-Dioxane	9.31	88	8641	412.260	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	165770	105.042	ug/l	99
52) Toluene	10.25	92	133742	19.815	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67254	19.495	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	81448	19.850	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	43661	20.475	ug/l	98
56) Ethyl methacrylate	10.52	69	55964	20.376	ug/l	98
57) 1,3-Dichloropropane	10.80	76	70426	20.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	139057	102.204	ug/l	99
59) 2-Hexanone	10.84	43	113299	101.156	ug/l	100
60) Dibromochloromethane	10.99	129	52056	20.268	ug/l	99
61) 1,2-Dibromoethane	11.10	107	42233	20.299	ug/l	98
64) Tetrachloroethene	10.72	164	80164	19.203	ug/l	97
65) Chlorobenzene	11.52	112	146952	19.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	51780	19.552	ug/l	99
67) Ethyl Benzene	11.60	91	250769	19.315	ug/l	98
68) m/p-Xylenes	11.71	106	194900	38.846	ug/l	99
69) o-Xylene	12.03	106	92840	19.641	ug/l	100
70) Styrene	12.05	104	159623	19.726	ug/l	100
71) Bromoform	12.22	173	32373	19.976	ug/l #	98
73) Isopropylbenzene	12.33	105	248437	20.109	ug/l	100
74) N-amyl acetate	12.15	43	54282	20.101	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	28677	18.854	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57008	34.376	ug/l #	100
77) Bromobenzene	12.61	156	60337	19.386	ug/l	99
78) n-propylbenzene	12.67	91	273563	18.746	ug/l	100
79) 2-Chlorotoluene	12.76	91	147759	18.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	189994	18.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17514	20.582	ug/l	98
82) 4-Chlorotoluene	12.86	91	153236	18.298	ug/l #	100
83) tert-Butylbenzene	13.08	119	170352	19.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	178746	17.516	ug/l	100
85) sec-Butylbenzene	13.26	105	232143	18.449	ug/l	98
86) p-Isopropyltoluene	13.38	119	218650	19.159	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	112802	19.484	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	114926	19.613	ug/l	100
89) n-Butylbenzene	13.70	91	216102	20.310	ug/l	100
90) Hexachloroethane	13.97	117	42258	19.750	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	110268	20.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7239	20.851	ug/l	98

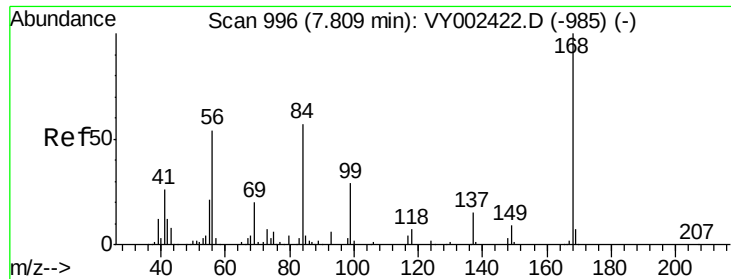
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
Data File : VY002430.D
Acq On : 21 Apr 2020 14:12
Operator : SY/MD
Sample : VY0421SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 15:00:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	79998	21.073	ug/l	98
94) Hexachlorobutadiene	15.12	225	43725	21.004	ug/l	99
95) Naphthalene	15.25	128	154172	20.950	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	67044	20.345	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

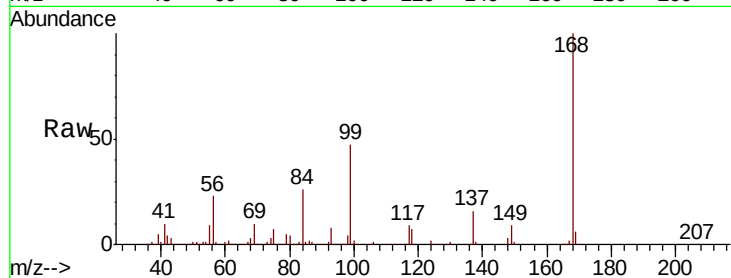
ClientSampleId :

Tot Ion:168 Resp: 278271

Ion Ratio Lower Upper

168 100

99 46.7 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.81

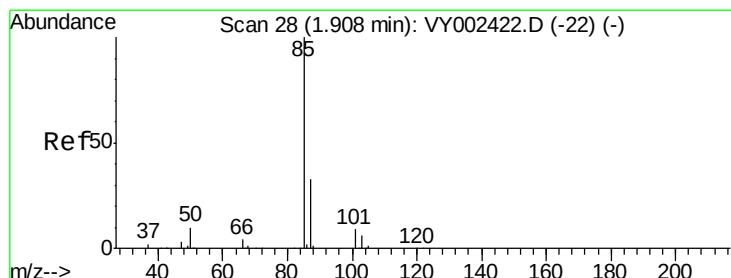
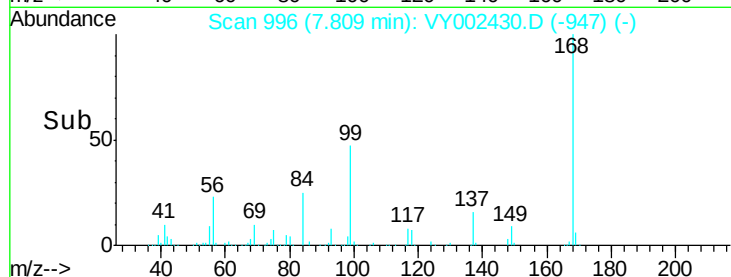
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.637 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002430.D

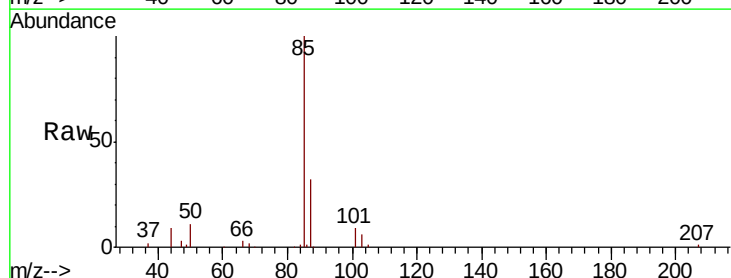
Acq: 21 Apr 2020 14:12

Tgt Ion: 85 Resp: 33531

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002422.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002422.D (-22) (-)

1.91

25000

20000

15000

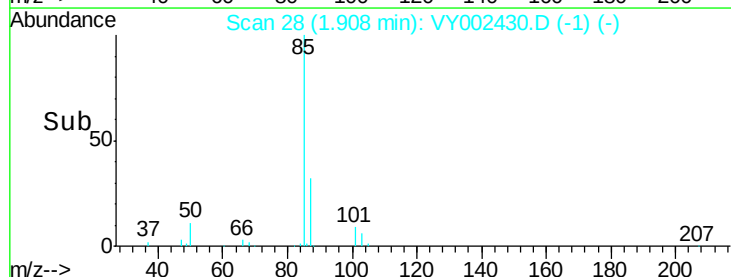
10000

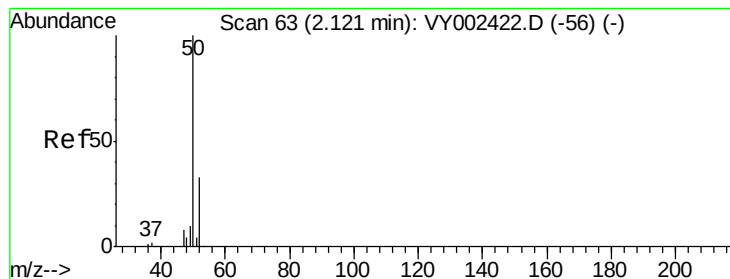
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.086 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

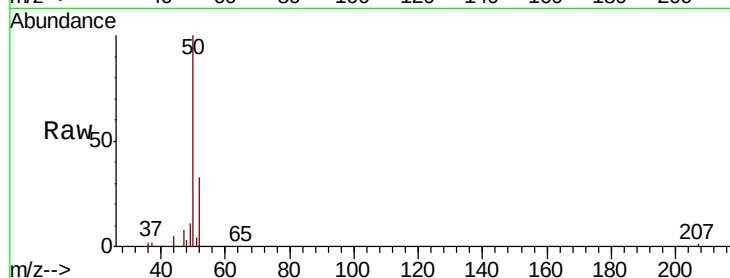
ClientSampleId :

Tot Ion: 50 Resp: 44300

Ion Ratio Lower Upper

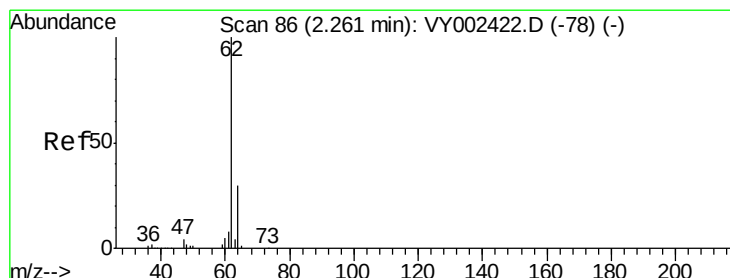
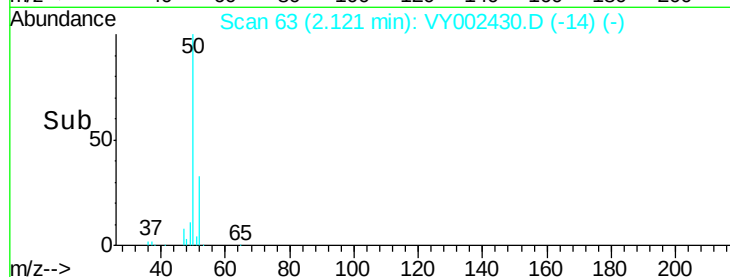
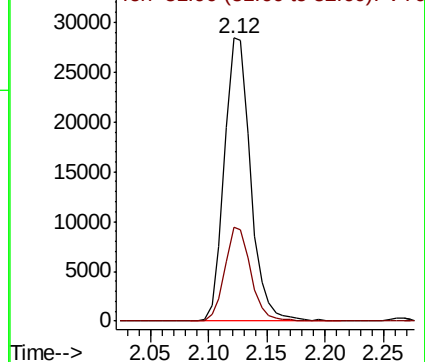
50 100

52 33.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.825 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002430.D

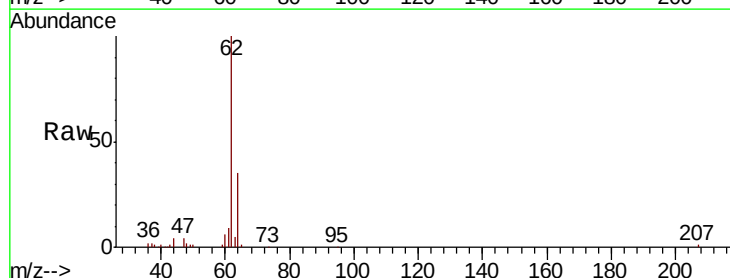
Acq: 21 Apr 2020 14:12

Tgt Ion: 62 Resp: 49573

Ion Ratio Lower Upper

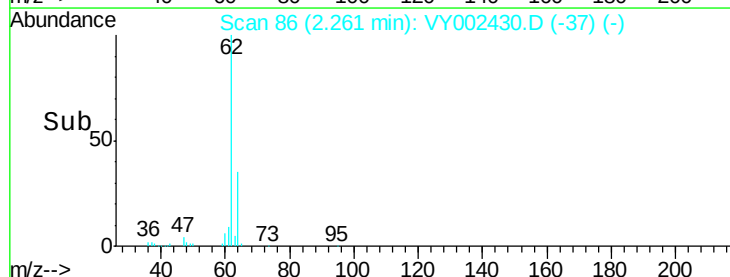
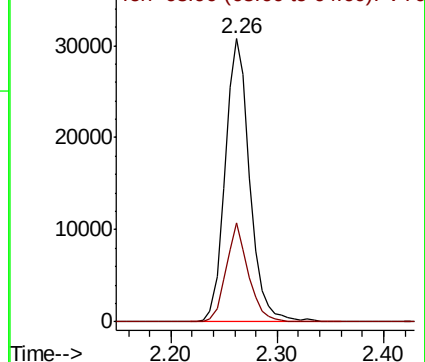
62 100

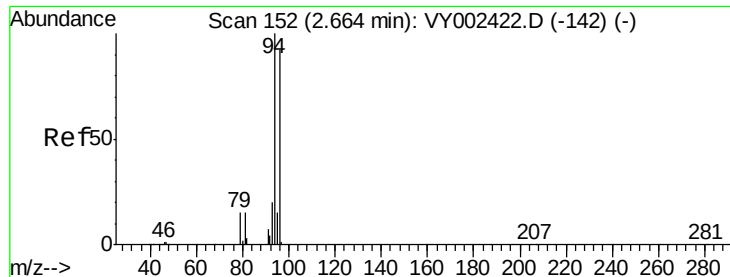
64 35.0 24.1 36.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.715 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

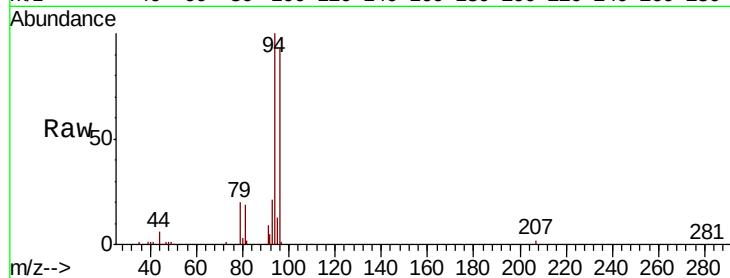
ClientSampleId :

Tot Ion: 94 Resp: 30348

Ion Ratio Lower Upper

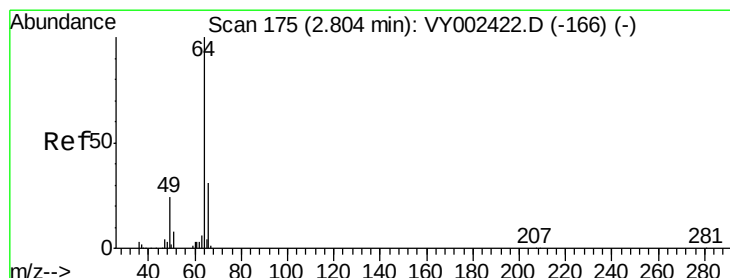
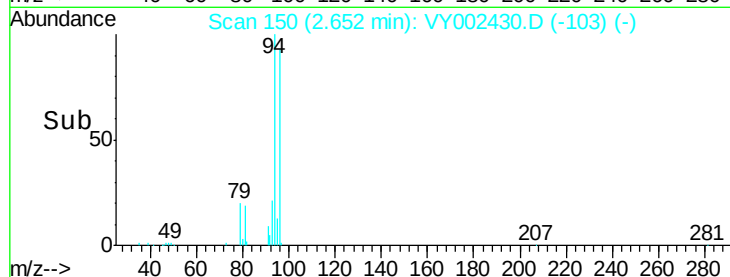
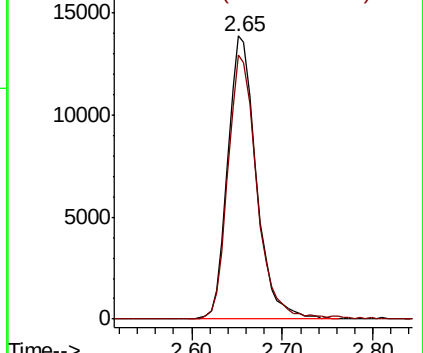
94 100

96 93.2 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.191 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002430.D

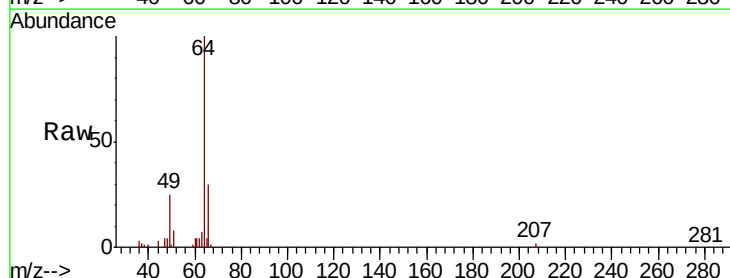
Acq: 21 Apr 2020 14:12

Tgt Ion: 64 Resp: 26856

Ion Ratio Lower Upper

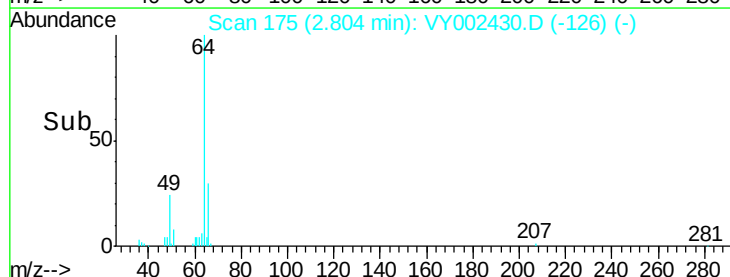
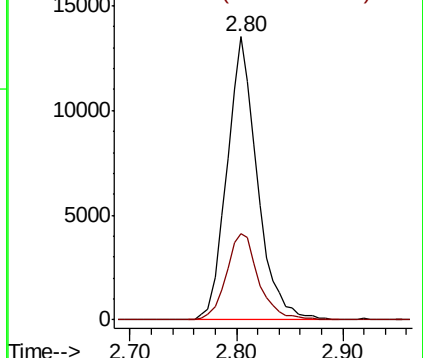
64 100

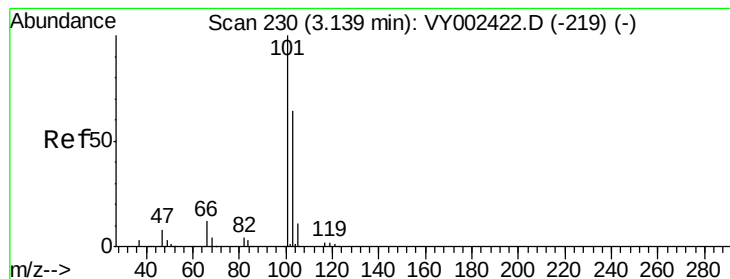
66 30.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



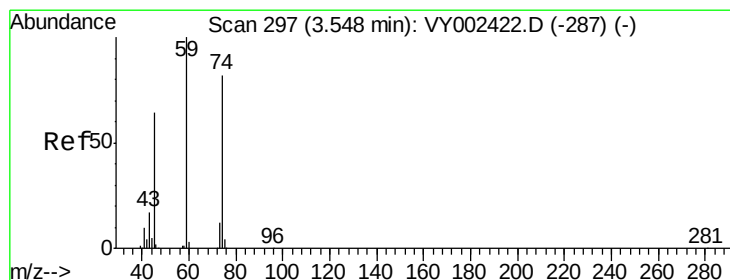
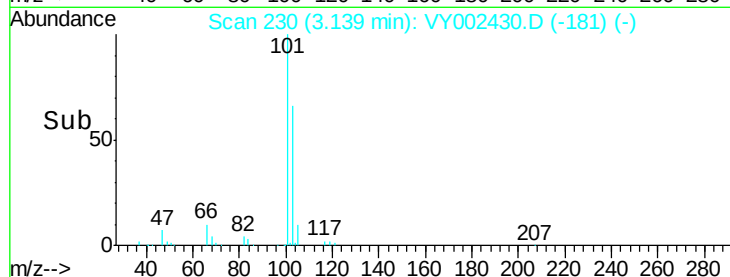
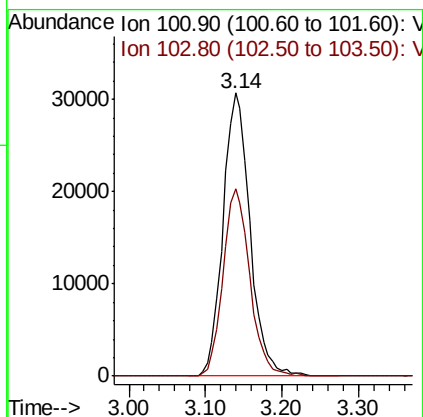
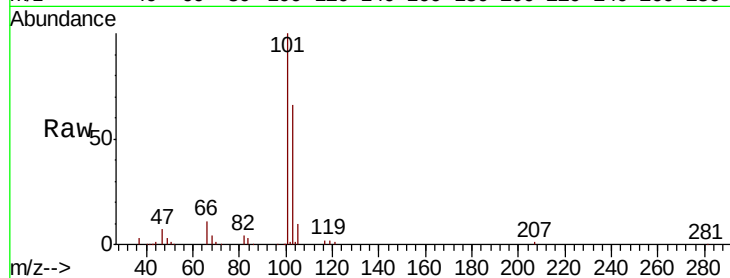


#7

Trichlorofluoromethane
 Concen: 19.246 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

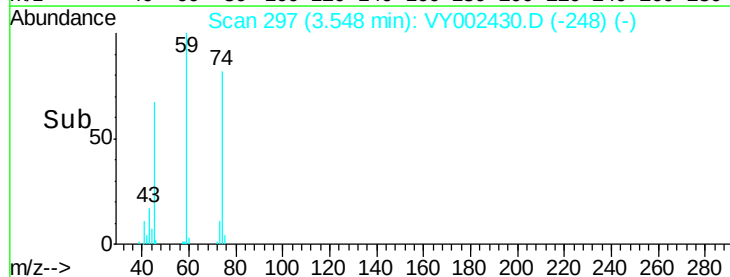
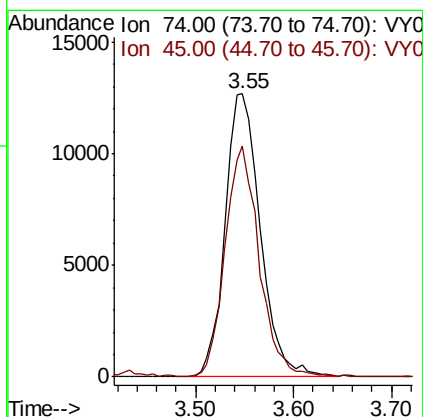
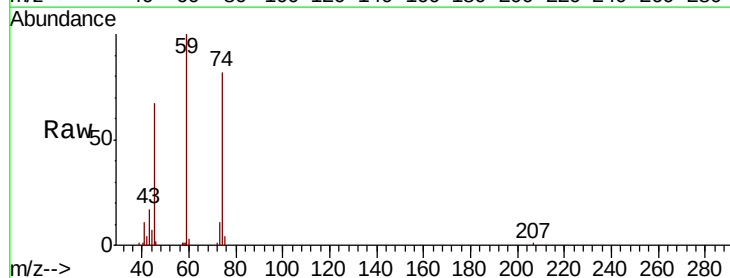
Tot Ion:101 Resp: 74903
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.8 76.2

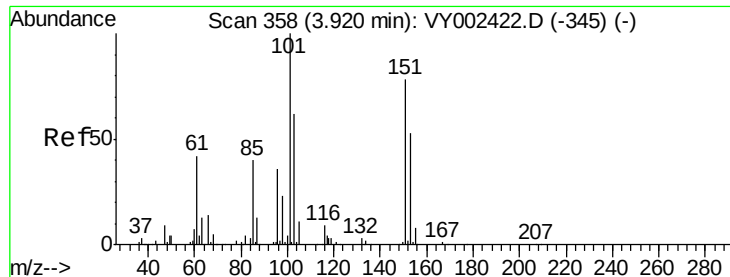


#8

Diethyl Ether
 Concen: 20.641 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 74 Resp: 31705
 Ion Ratio Lower Upper
 74 100
 45 79.0 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.883 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

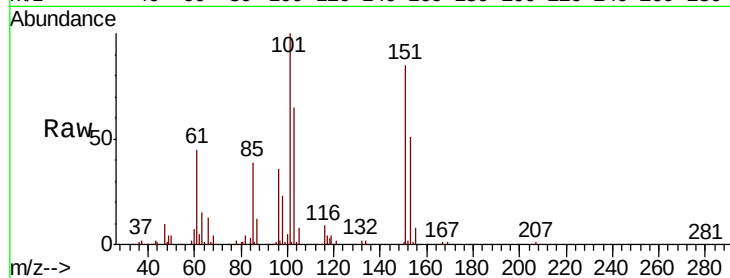
Tot Ion:101 Resp: 50617

Ion Ratio Lower Upper

101 100

85 39.4 32.2 48.4

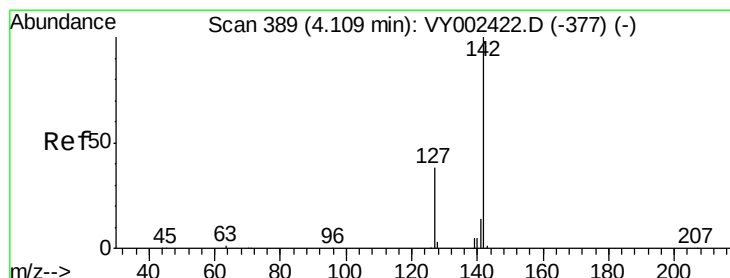
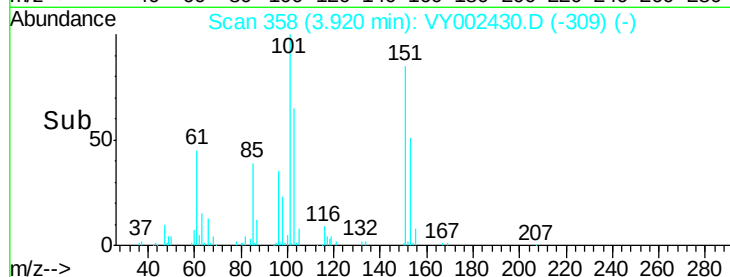
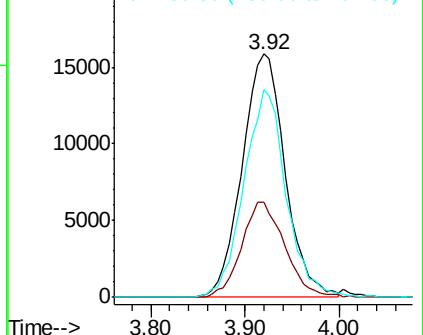
151 83.8 67.3 100.9



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: 18.680 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

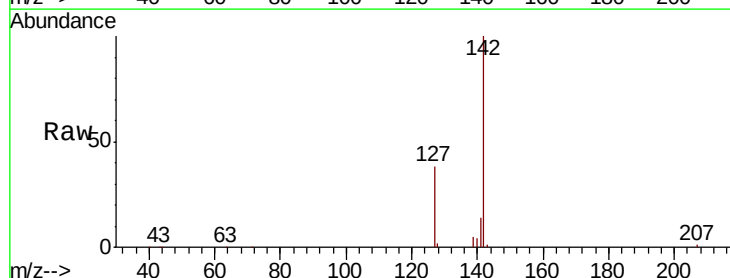
Tgt Ion:142 Resp: 64124

Ion Ratio Lower Upper

142 100

127 37.0 30.7 46.1

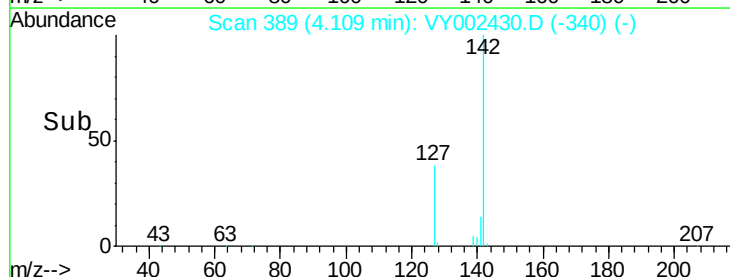
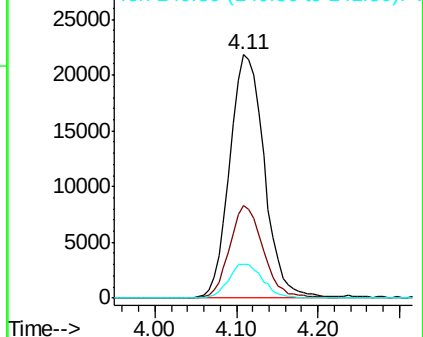
141 13.8 11.4 17.2

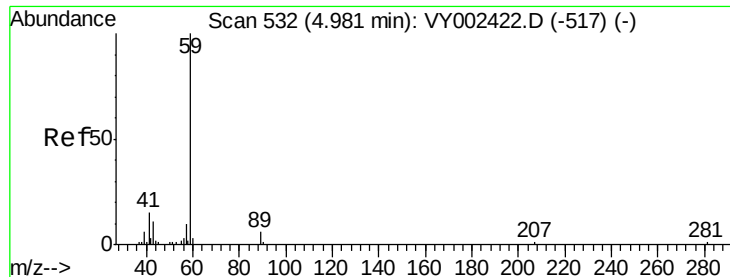


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



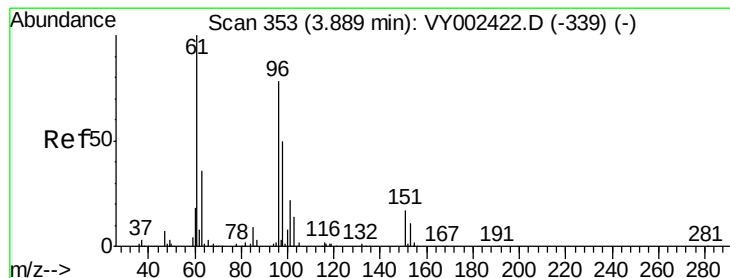
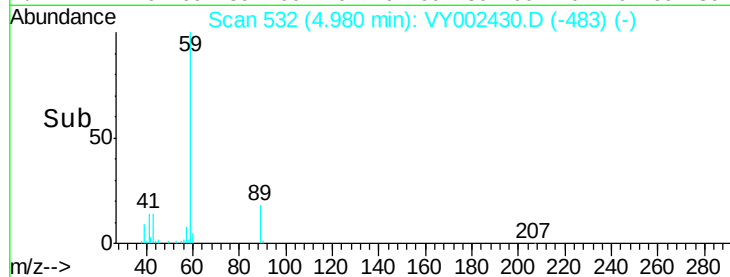
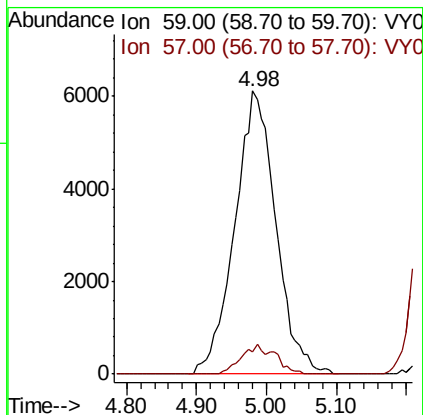
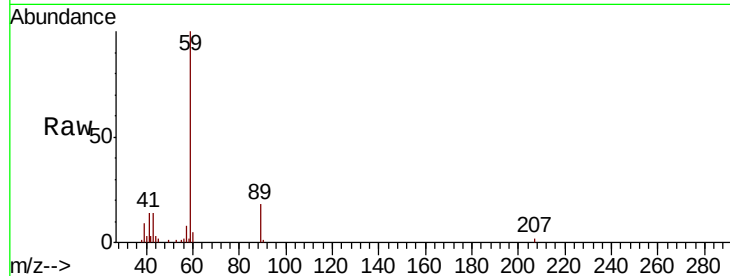


#11

Tert butyl alcohol
 Concen: 103.122 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

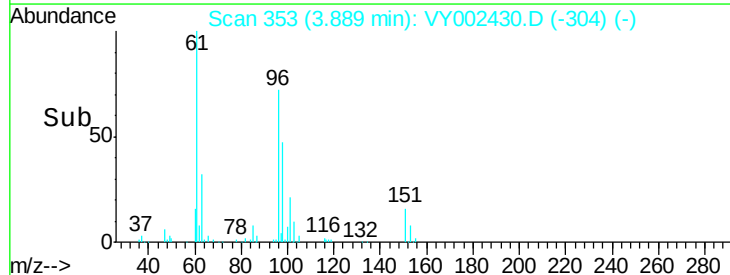
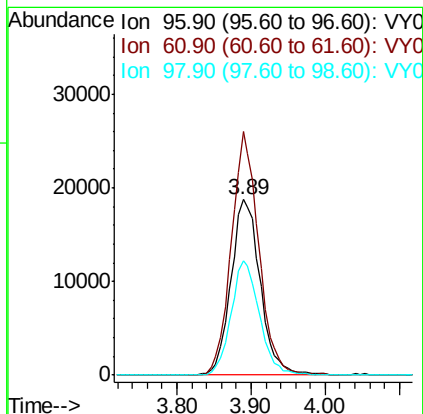
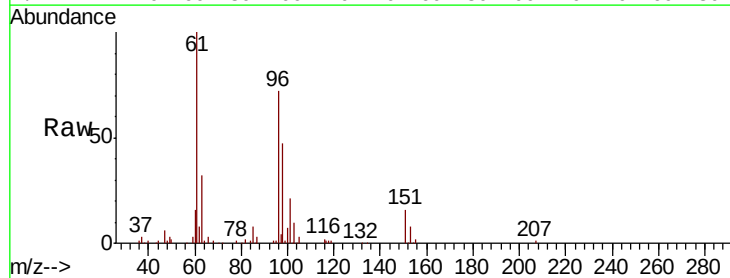
Tot Ion: 59 Resp: 24943
 Ion Ratio Lower Upper
 59 100
 57 5.9 7.4 11.2#

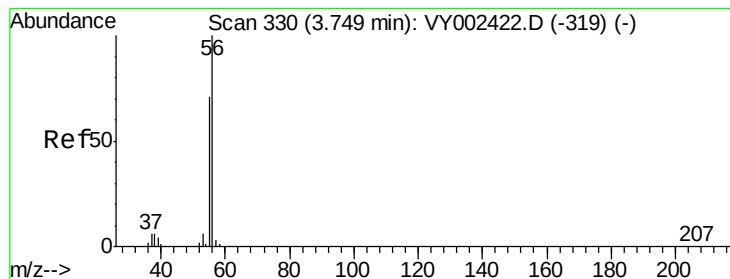


#12

1,1-Dichloroethene
 Concen: 19.632 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 96 Resp: 51876
 Ion Ratio Lower Upper
 96 100
 61 138.6 102.1 153.1
 98 65.4 51.3 76.9





#13

Acrolein

Concen: 89.177 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

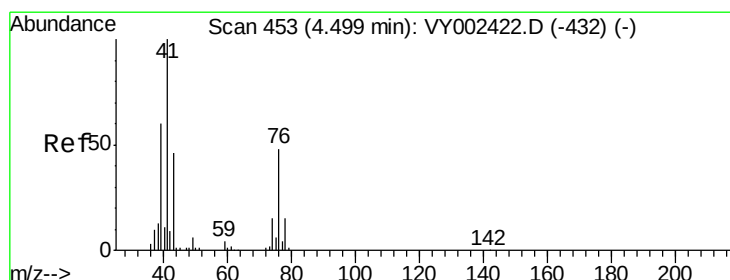
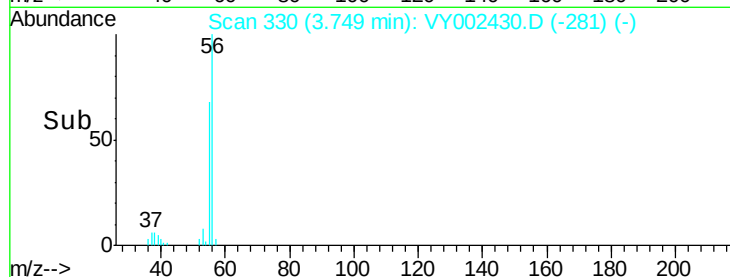
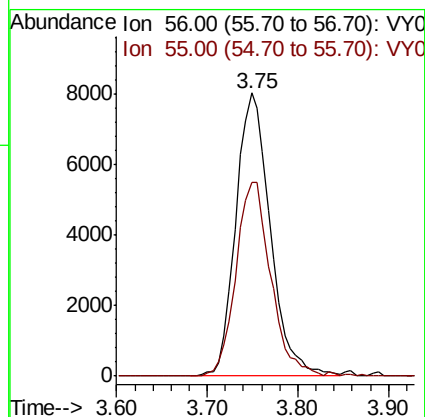
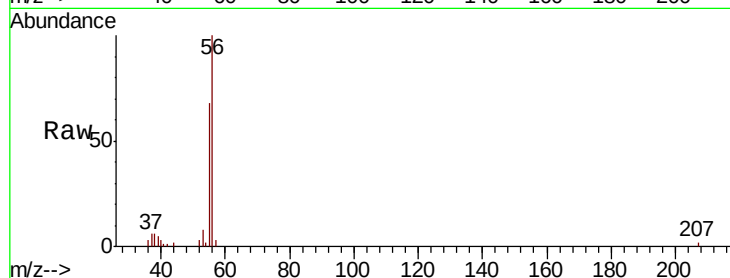
ClientSampleId :

Tot Ion: 56 Resp: 21198

Ion Ratio Lower Upper

56 100

55 68.8 55.9 83.9



#14

Allyl chloride

Concen: 19.609 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

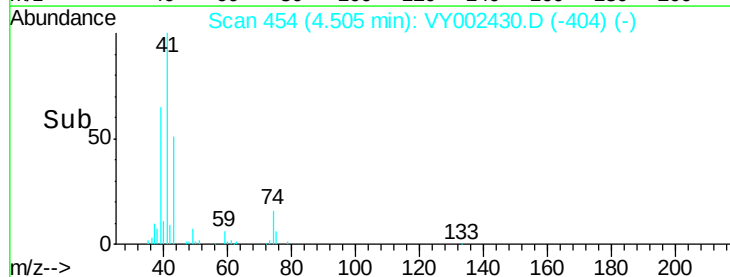
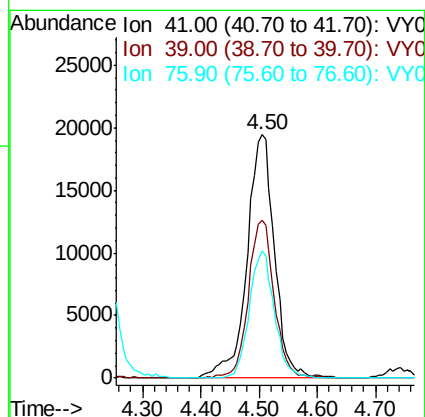
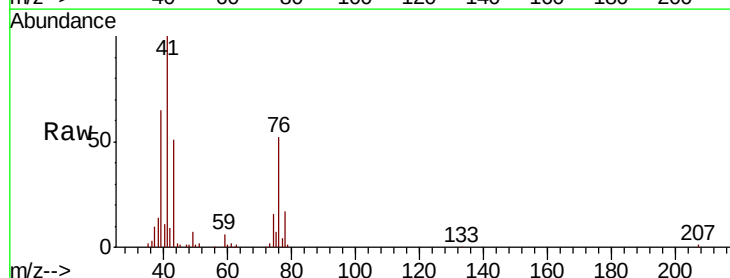
Tgt Ion: 41 Resp: 63725

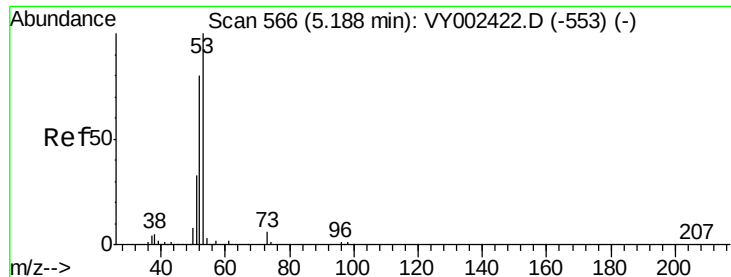
Ion Ratio Lower Upper

41 100

39 60.7 49.1 73.7

76 47.3 38.6 57.8





#15

Acrylonitrile

Concen: 104.760 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

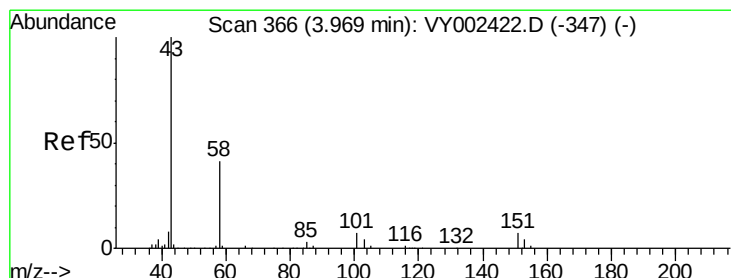
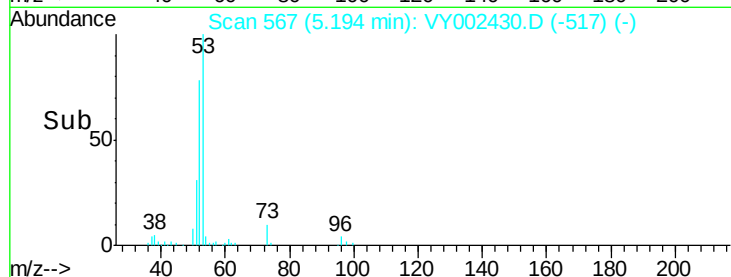
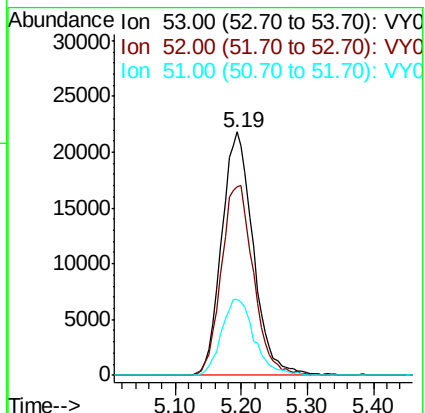
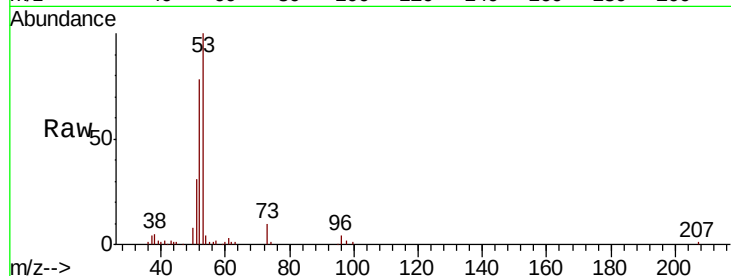
Tot Ion: 53 Resp: 72121

Ion Ratio Lower Upper

53 100

52 79.6 65.1 97.7

51 32.6 26.8 40.2



#16

Acetone

Concen: 91.920 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002430.D

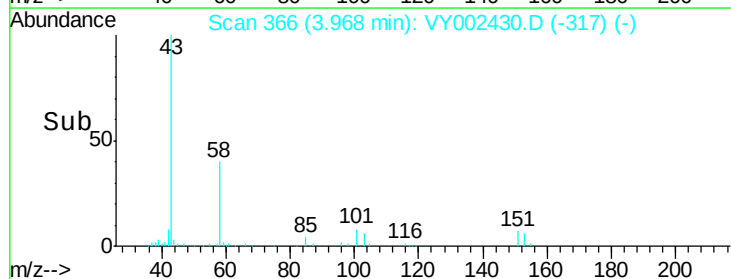
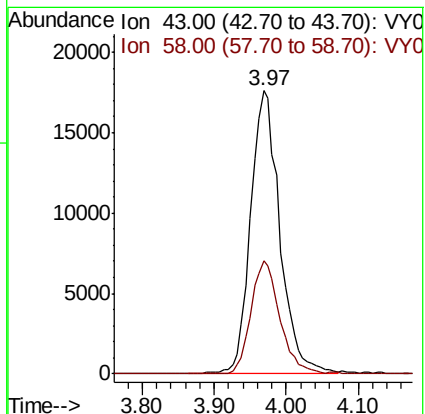
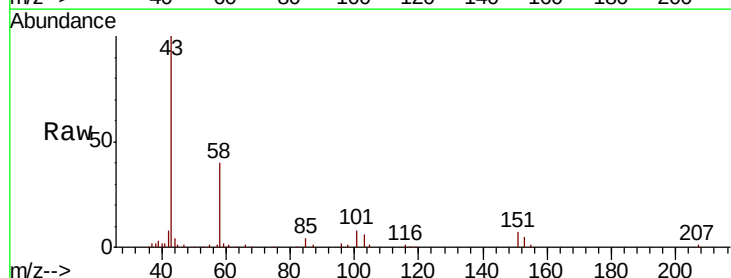
Acq: 21 Apr 2020 14:12

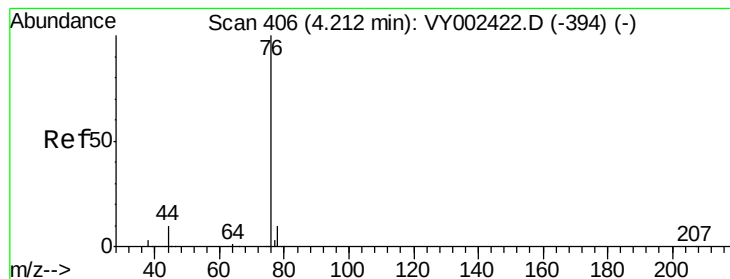
Tgt Ion: 43 Resp: 49715

Ion Ratio Lower Upper

43 100

58 39.9 32.6 48.8





#17

Carbon Disulfide

Concen: 19.016 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

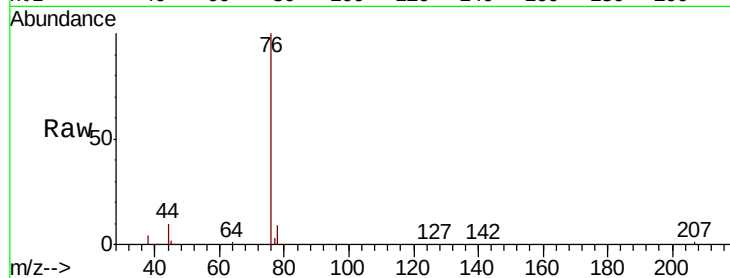
ClientSampled :

Tot Ion: 76 Resp: 153098

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

60000

50000

40000

30000

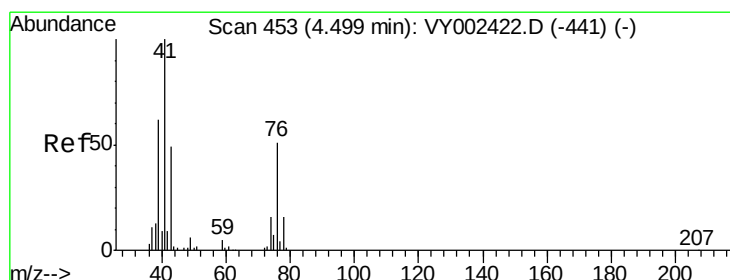
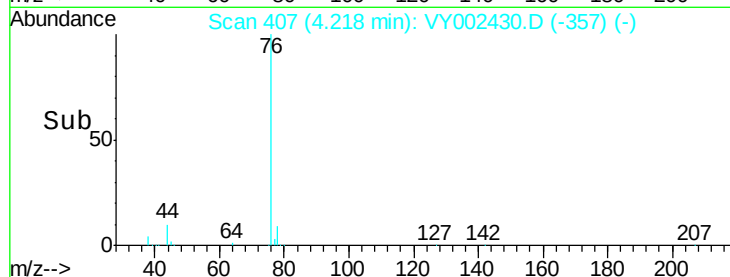
20000

10000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 20.182 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002430.D

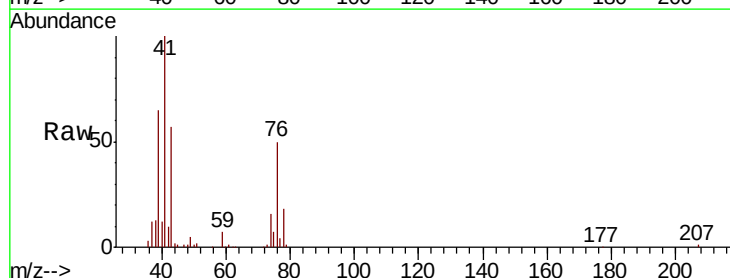
Acq: 21 Apr 2020 14:12

Tgt Ion: 43 Resp: 31199

Ion Ratio Lower Upper

43 100

74 30.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

12000

10000

8000

6000

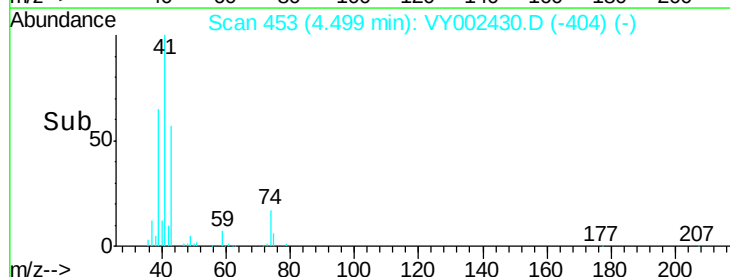
4000

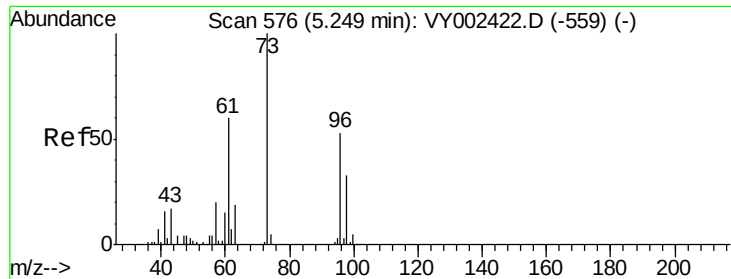
2000

0

Time-->

4.40 4.50 4.60 4.70

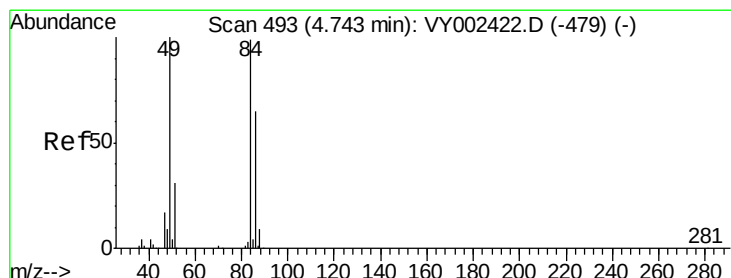
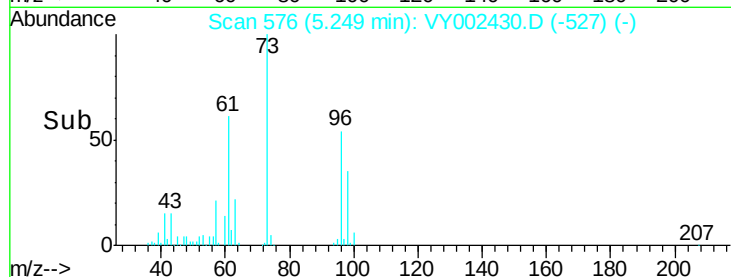
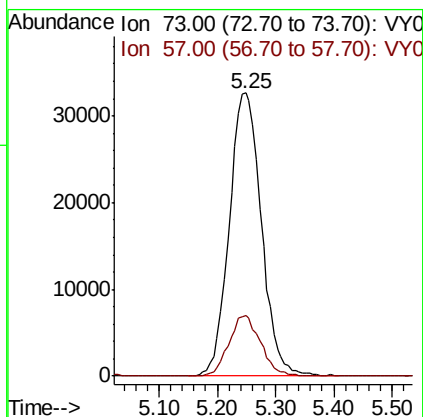
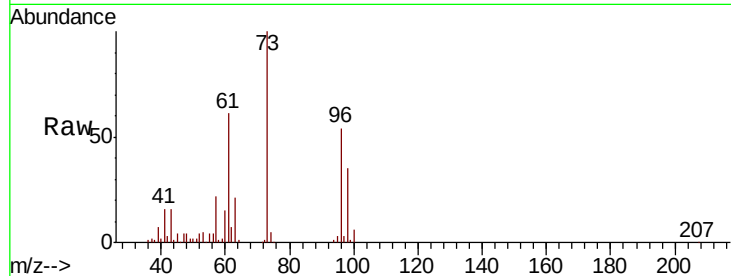




#19
Methyl tert-butyl Ether
Concen: 20.082 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

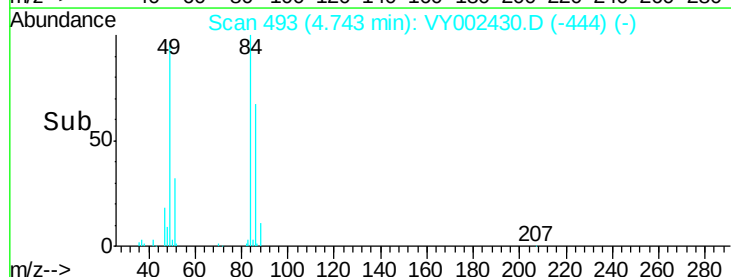
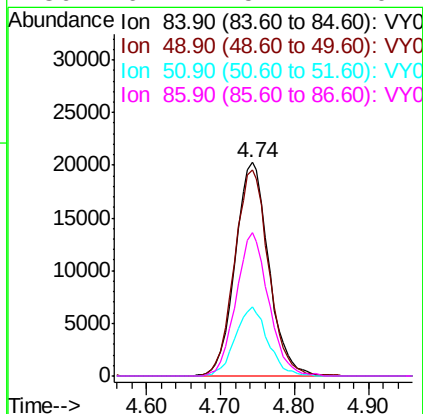
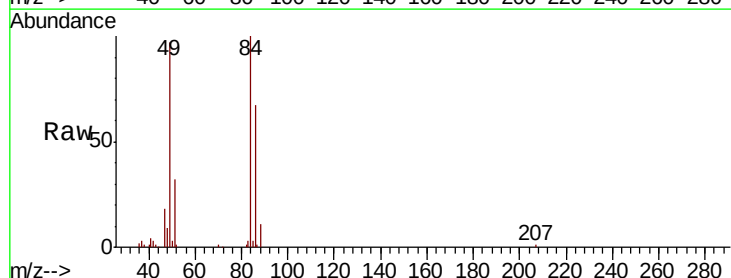
Instrument :
MSVOA_Y
ClientSampleId :

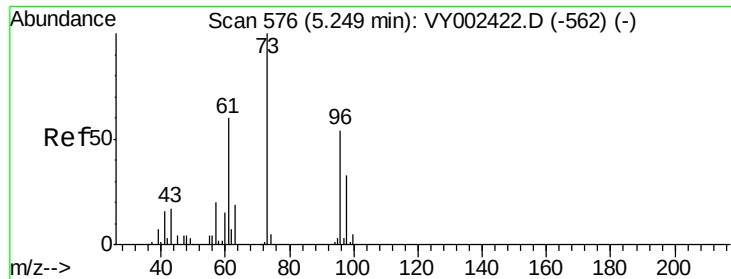
Tot Ion: 73 Resp: 124624
Ion Ratio Lower Upper
73 100
57 21.6 16.3 24.5



#20
Methylene Chloride
Concen: 21.149 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 84 Resp: 64007
Ion Ratio Lower Upper
84 100
49 96.7 81.0 121.6
51 32.3 24.9 37.3
86 67.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.861 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

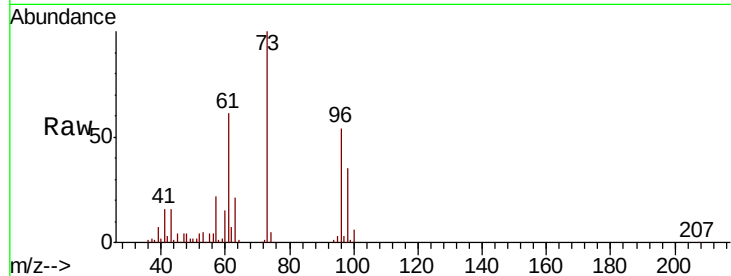
Tot Ion: 96 Resp: 56794

Ion Ratio Lower Upper

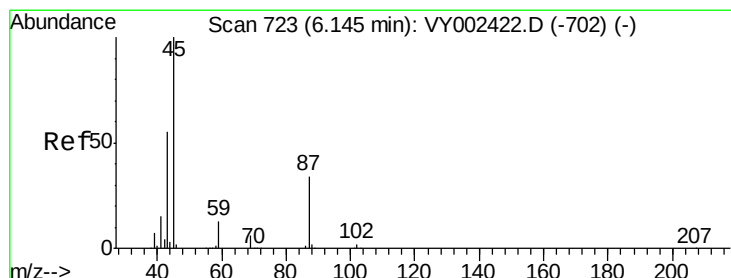
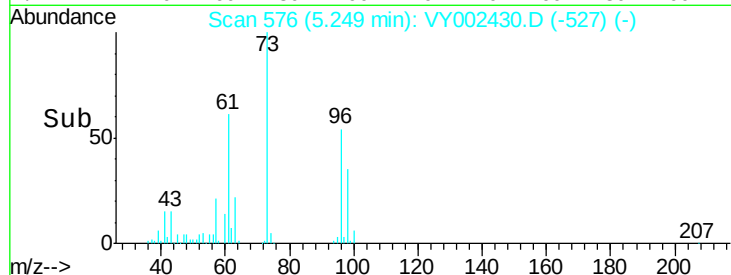
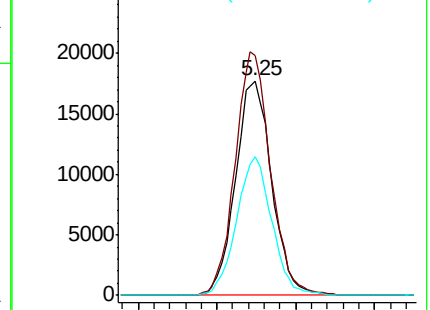
96 100

61 112.1 89.7 134.5

98 64.8 49.7 74.5



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



#22

Diisopropyl ether

Concen: 19.919 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion: 45 Resp: 129788

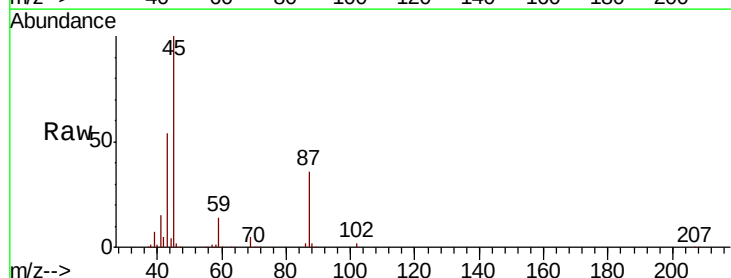
Ion Ratio Lower Upper

45 100

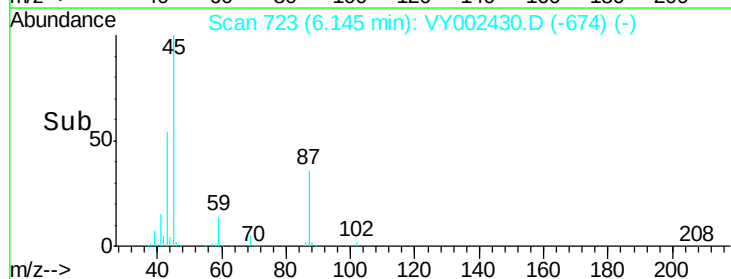
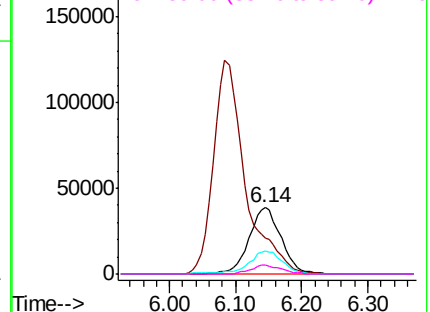
43 54.4 43.8 65.6

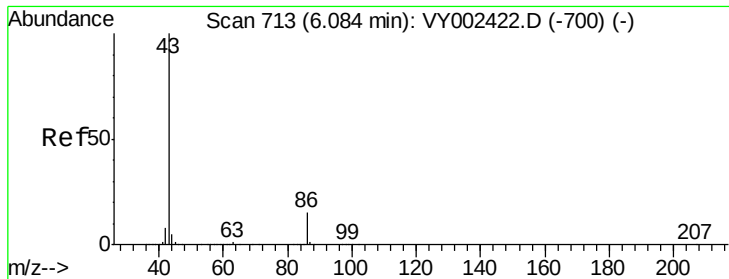
87 35.6 27.4 41.2

59 14.3 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 100.901 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

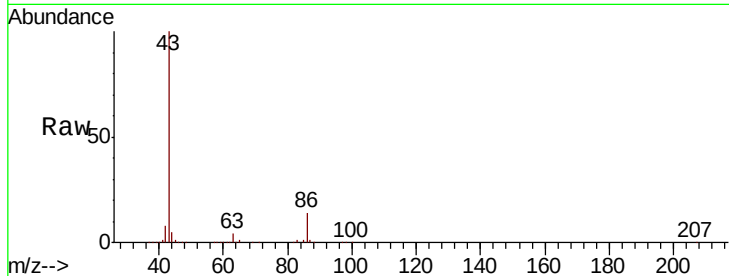
ClientSampled :

Tot Ion: 43 Resp: 414105

Ion Ratio Lower Upper

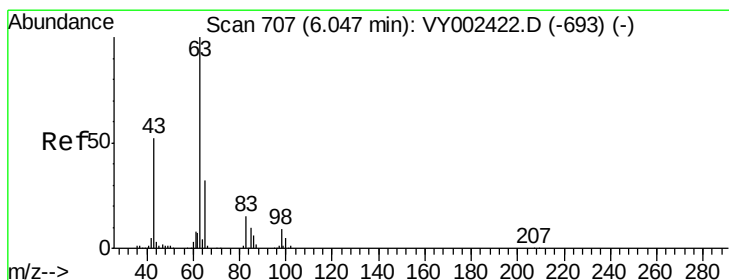
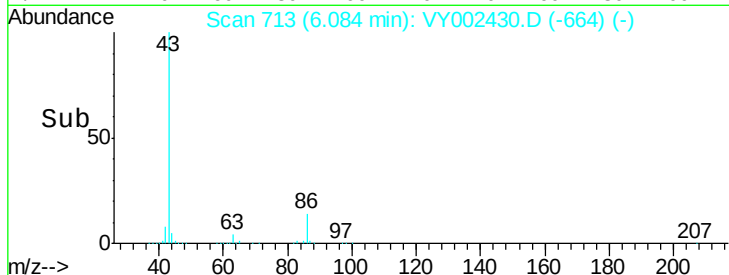
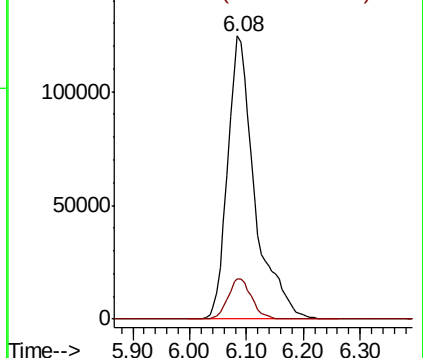
43 100

86 14.2 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.772 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

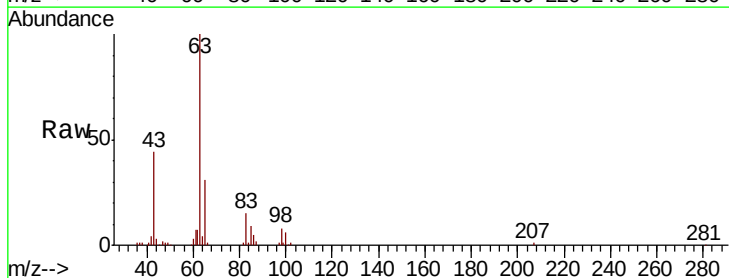
Tgt Ion: 63 Resp: 81699

Ion Ratio Lower Upper

63 100

98 8.5 4.5 13.4

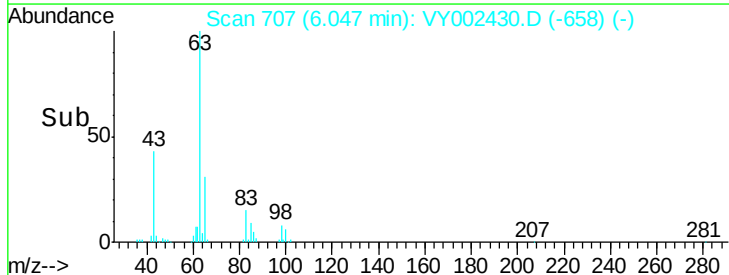
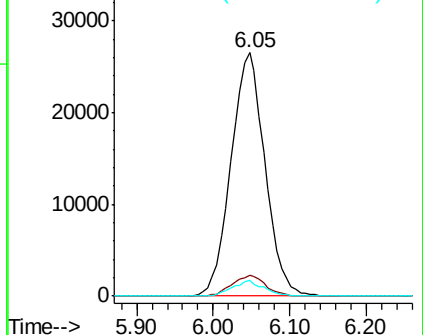
100 6.3 2.6 8.0

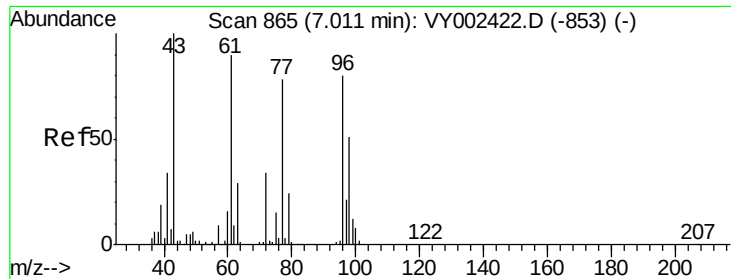


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

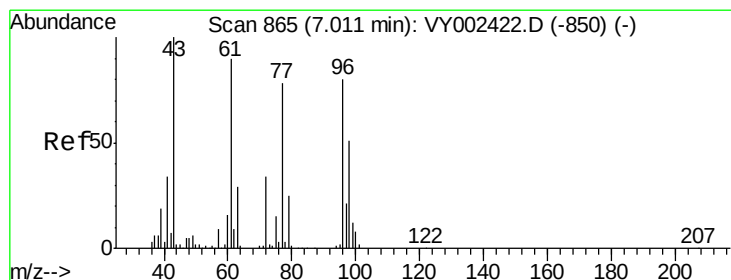
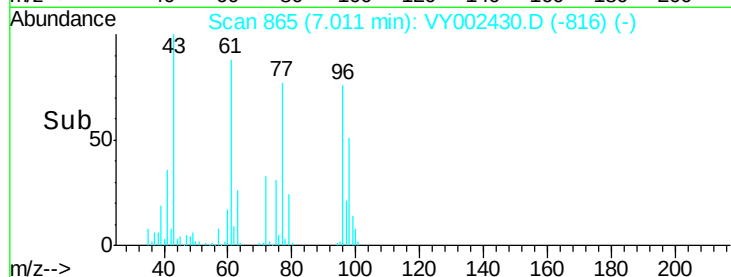
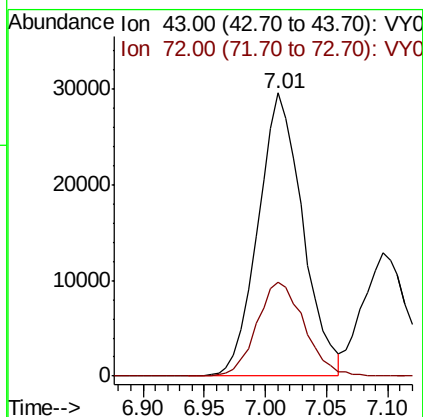
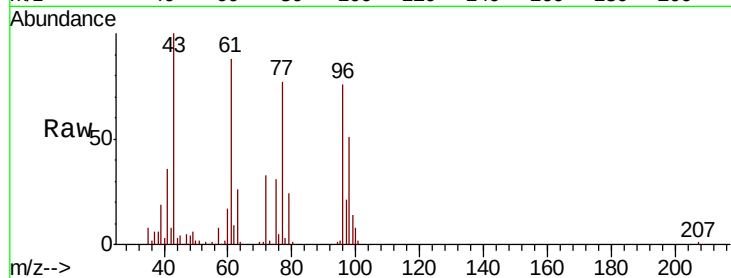




#25
2-Butanone
Concen: 97.524 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

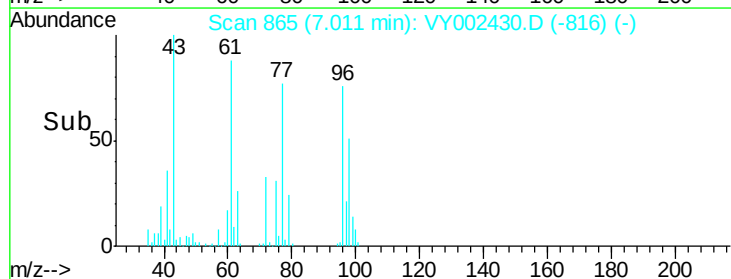
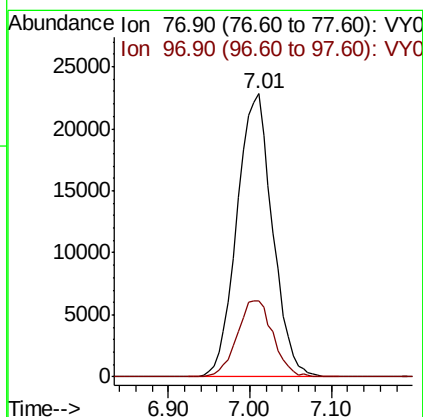
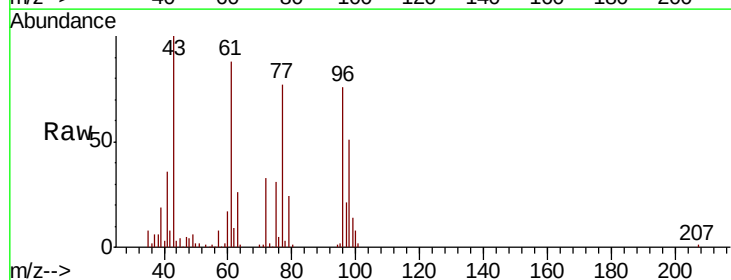
Instrument :
MSVOA_Y
ClientSampled :

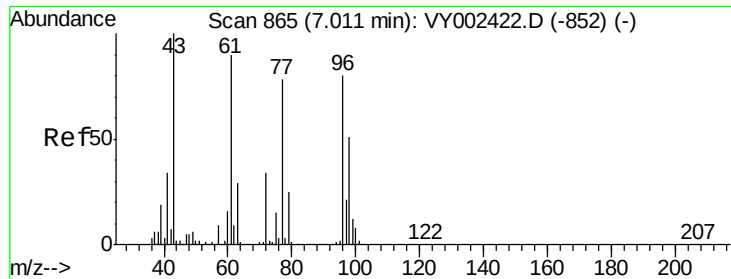
Tot Ion: 43 Resp: 75186
Ion Ratio Lower Upper
43 100
72 33.2 27.0 40.6



#26
2,2-Dichloropropane
Concen: 19.118 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 77 Resp: 69152
Ion Ratio Lower Upper
77 100
97 27.3 13.5 40.5



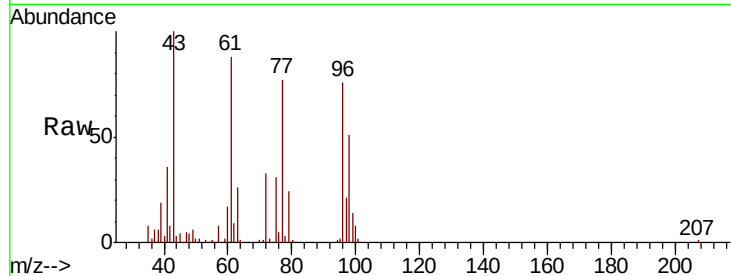


#27

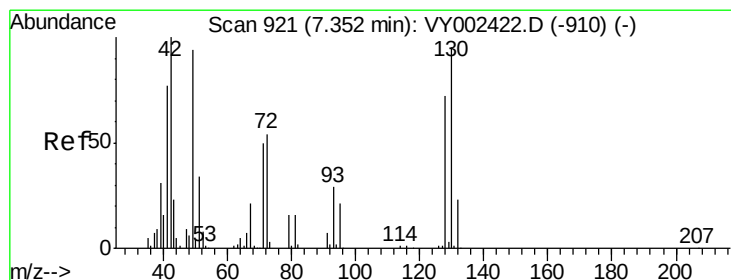
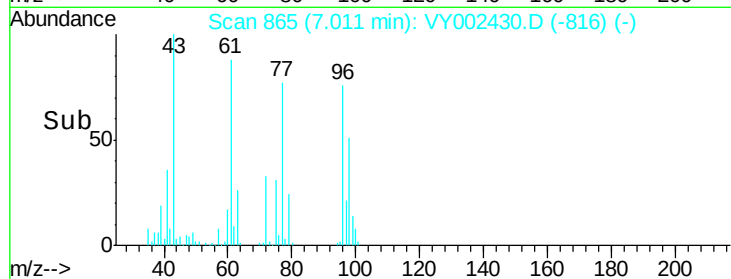
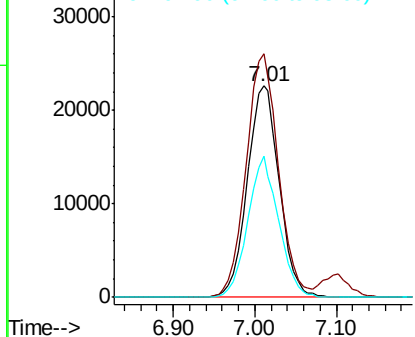
cis-1,2-Dichloroethene
Concen: 19.937 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 61827
Ion Ratio Lower Upper
96 100
61 116.5 0.0 236.2
98 64.1 0.0 130.2



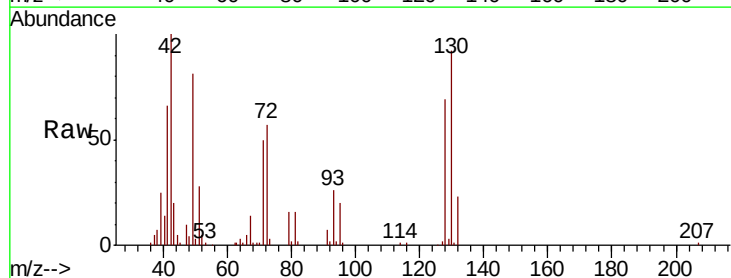
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



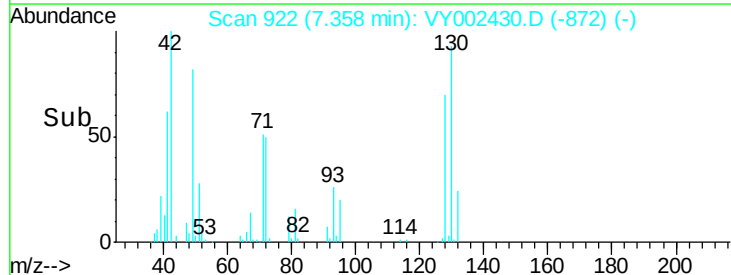
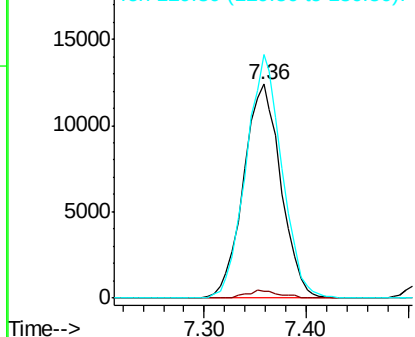
#28

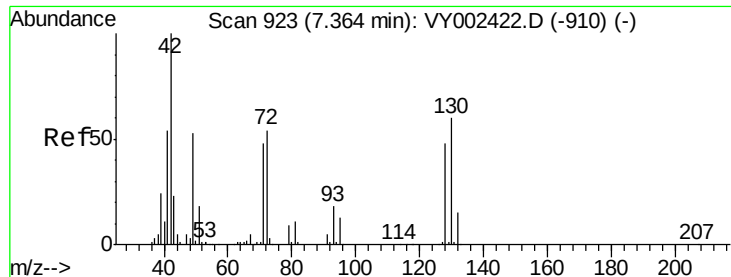
Bromochloromethane
Concen: 20.075 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 49 Resp: 31607
Ion Ratio Lower Upper
49 100
129 3.2 0.0 6.0
130 109.3 84.1 126.1



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

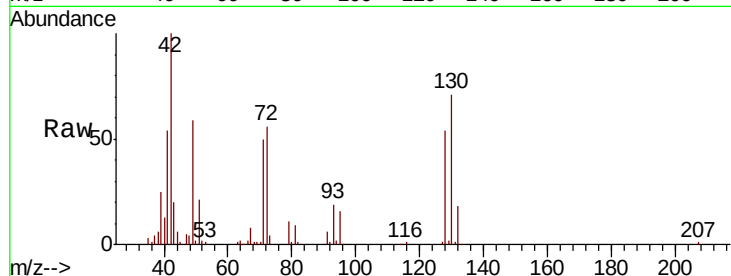




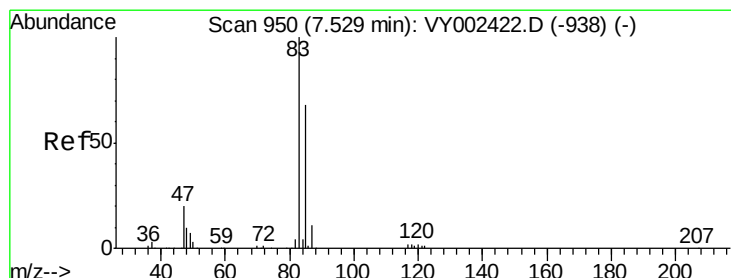
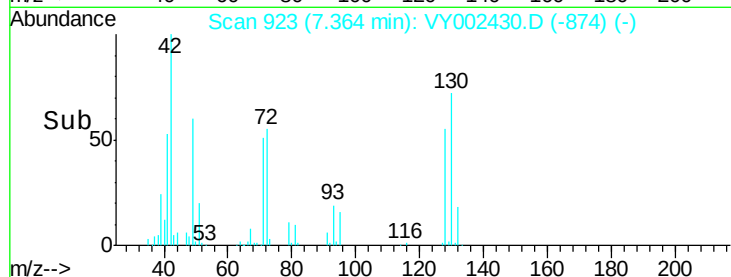
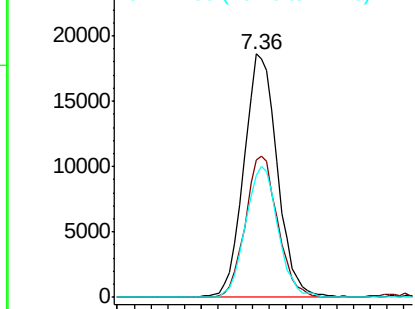
#29
Tetrahydrofuran
Concen: 101.471 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 50173
Ion Ratio Lower Upper
42 100
72 56.3 44.6 67.0
71 52.1 40.6 60.8

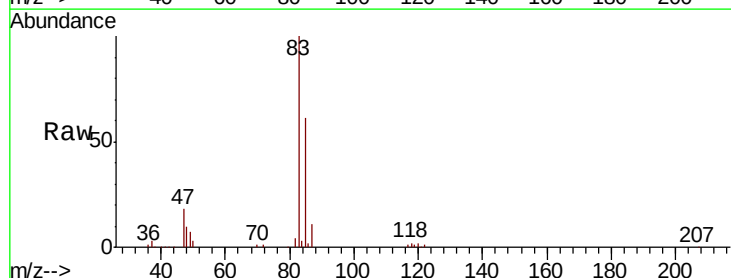


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

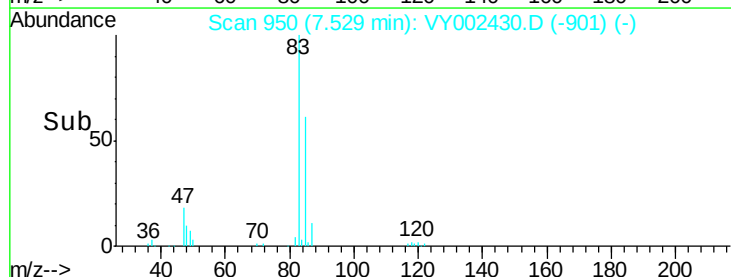
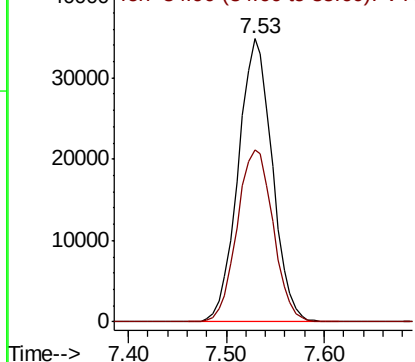


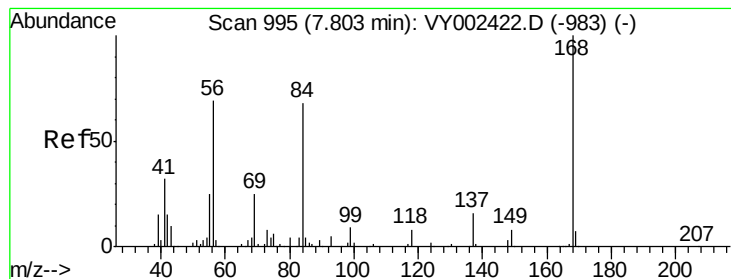
#30
Chloroform
Concen: 19.782 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 83 Resp: 84355
Ion Ratio Lower Upper
83 100
85 60.8 54.3 81.5



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





#31

Cyclohexane

Concen: 18.617 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampled :

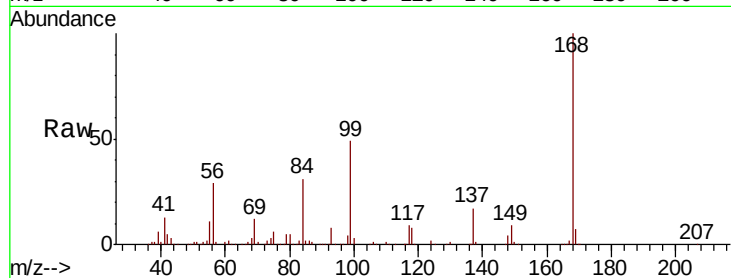
Tot Ion: 56 Resp: 77972

Ion Ratio Lower Upper

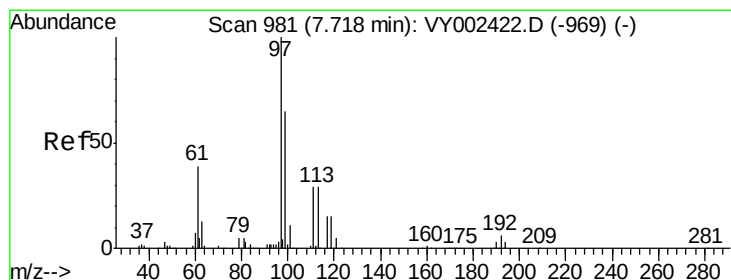
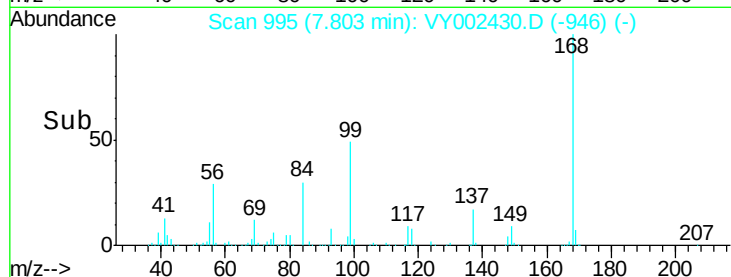
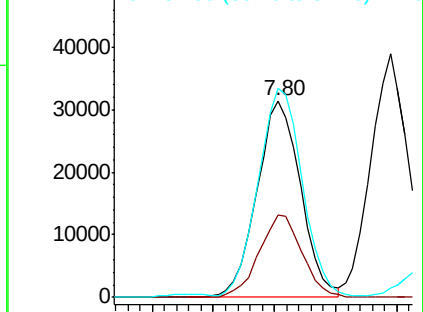
56 100

69 41.7 29.1 43.7

84 104.7 79.4 119.2



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



#32

1,1,1-Trichloroethane

Concen: 19.458 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

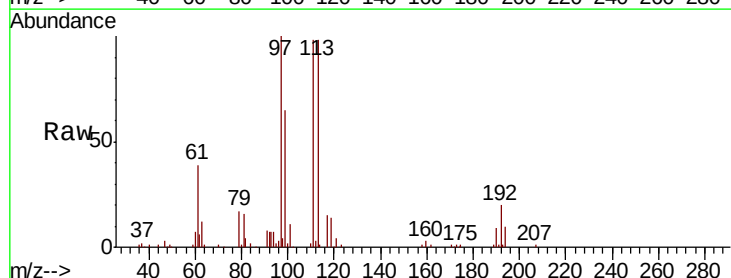
Tgt Ion: 97 Resp: 73281

Ion Ratio Lower Upper

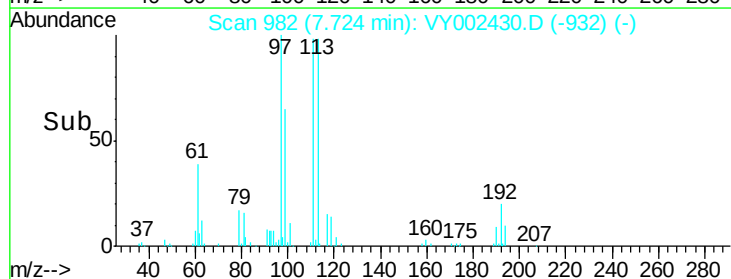
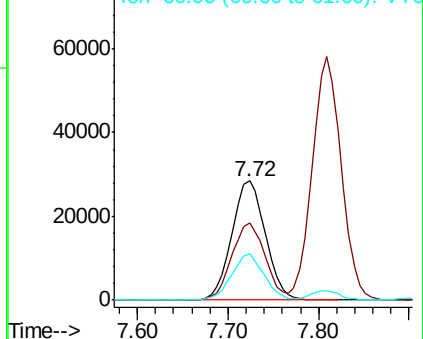
97 100

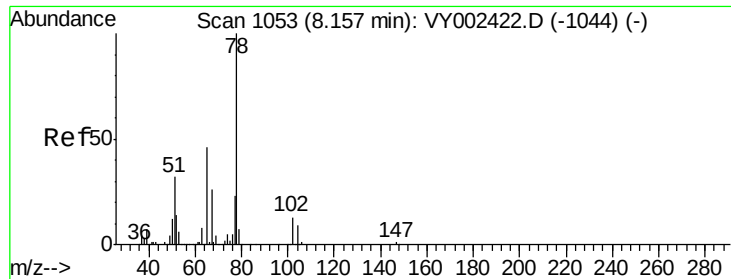
99 64.5 51.9 77.9

61 37.4 30.8 46.2



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

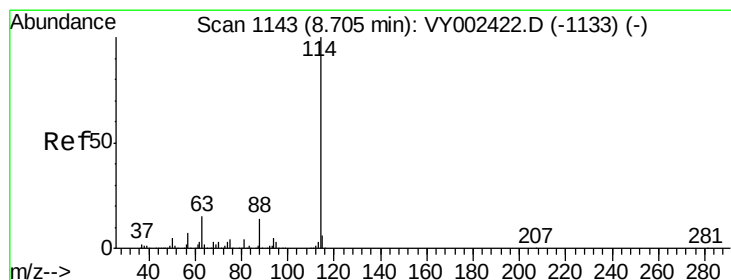
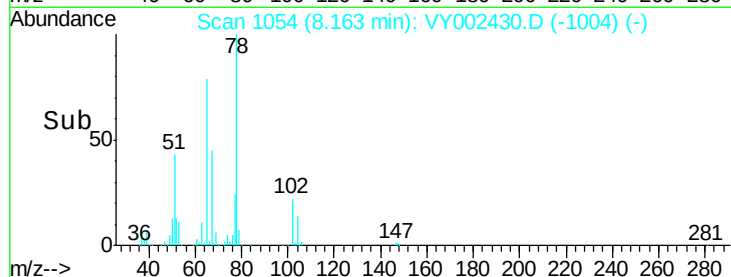
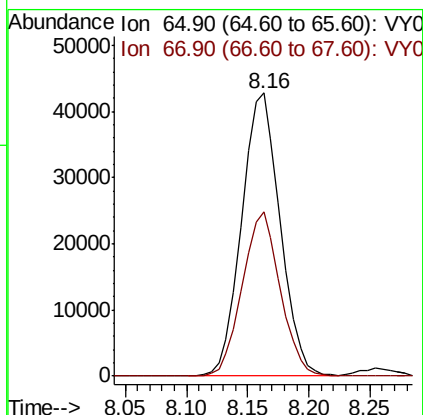
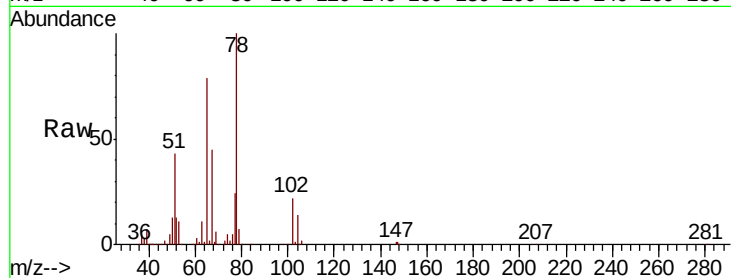




#33
 1,2-Dichloroethane-d4
 Concen: 46.302 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

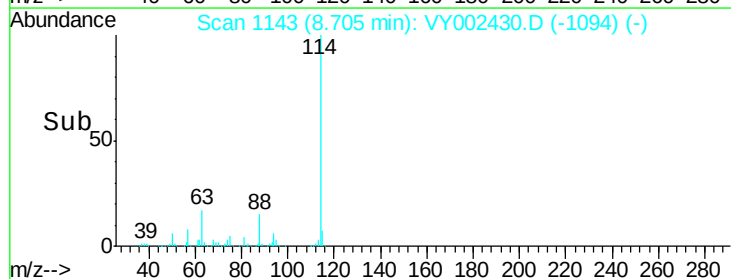
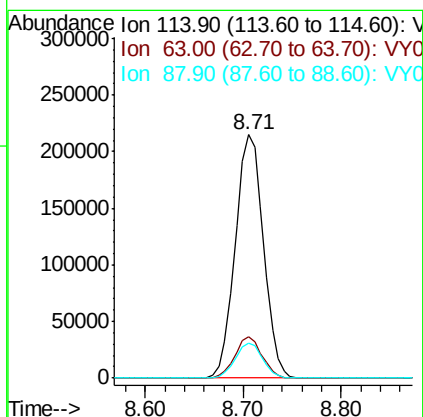
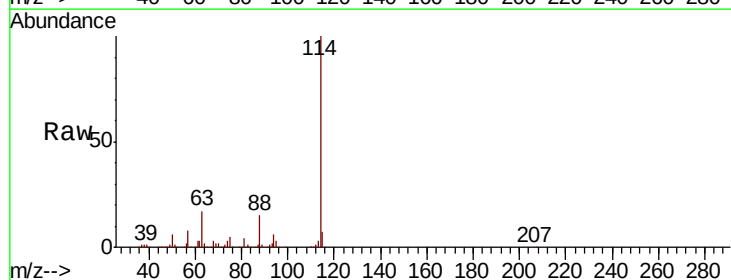
Instrument :
 MSVOA_Y
 ClientSampleId :

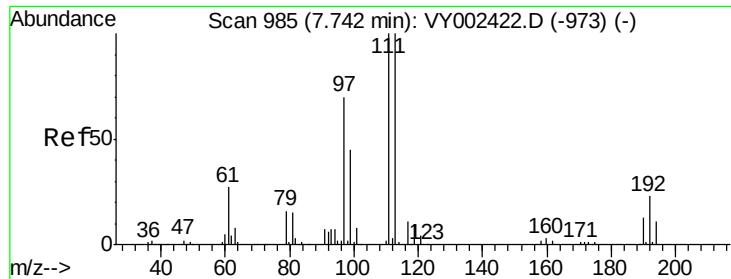
Tot Ion: 65 Resp: 93710
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 114 Resp: 430632
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 31.0
 88 14.6 0.0 28.2

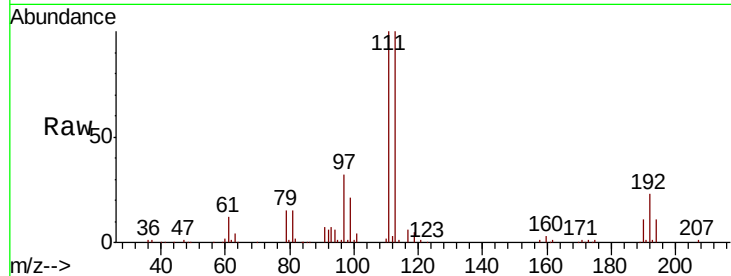




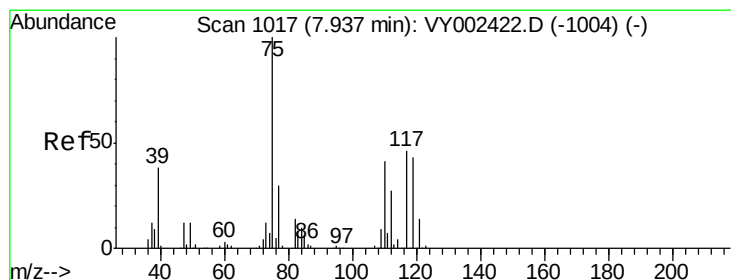
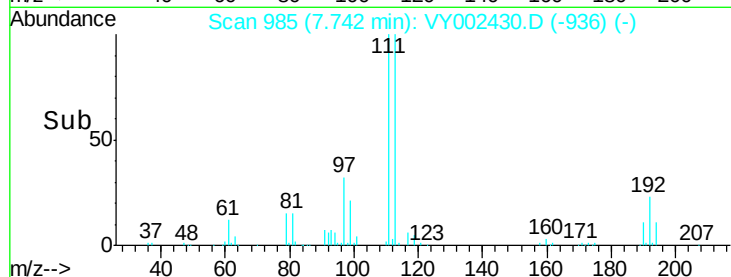
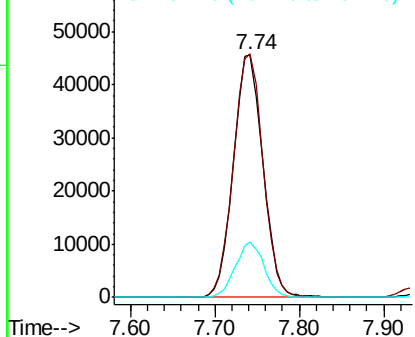
#35
 Dibromofluoromethane
 Concen: 47.626 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 107875
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.7 122.5
 192 22.2 17.8 26.6

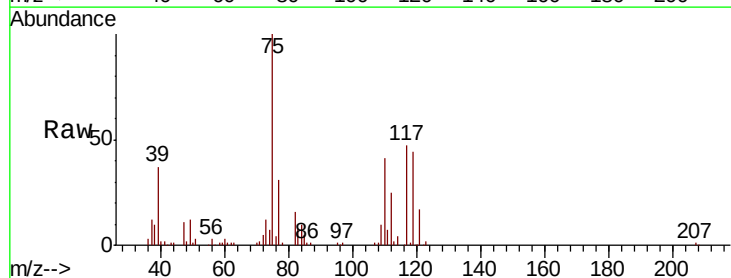


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

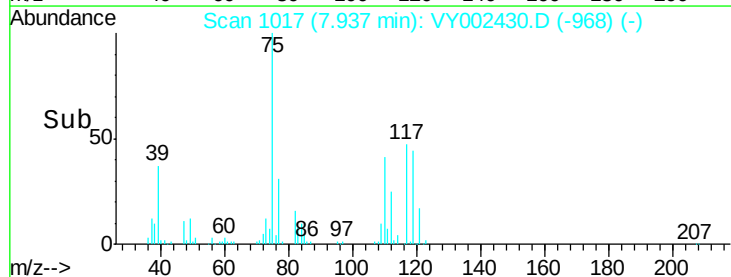
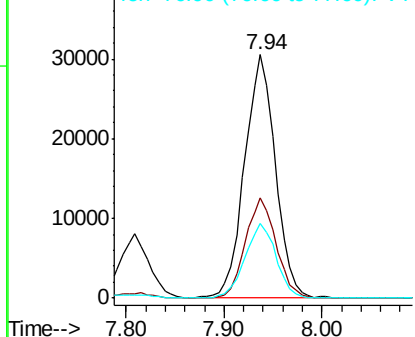


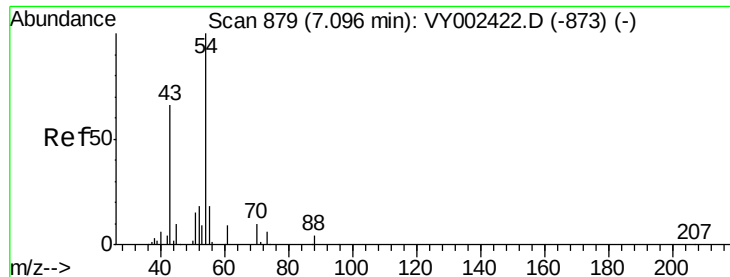
#36
 1,1-Dichloropropene
 Concen: 19.335 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 75 Resp: 66996
 Ion Ratio Lower Upper
 75 100
 110 40.8 20.4 61.2
 77 30.9 25.5 38.3



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

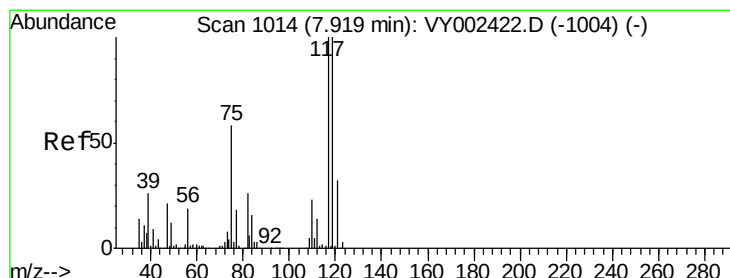
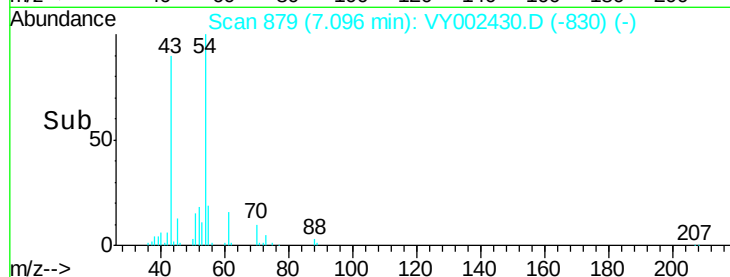
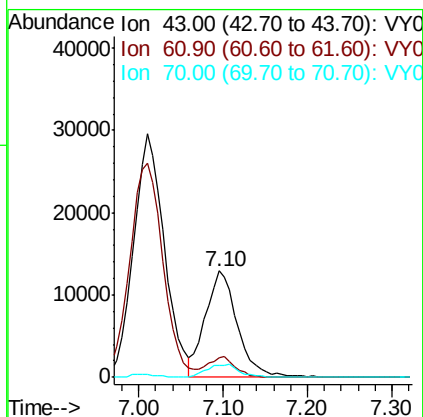
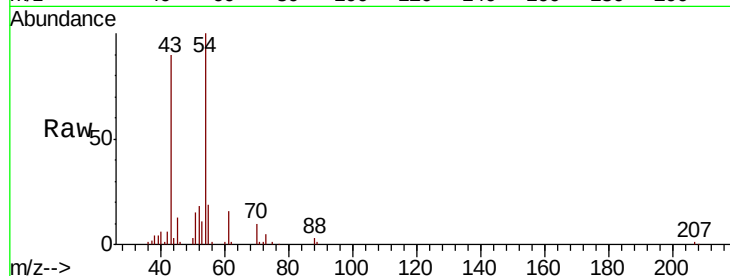




#37
Ethyl Acetate
Concen: 21.043 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

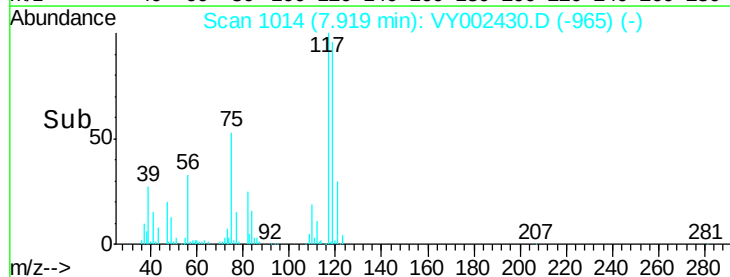
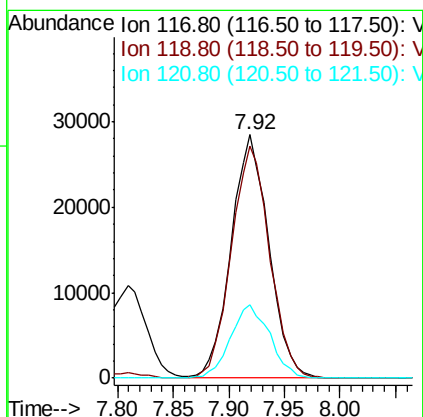
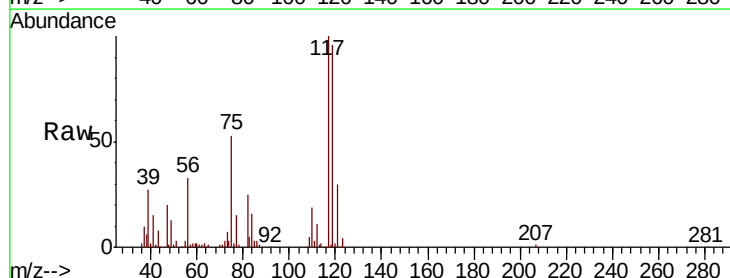
Instrument :
MSVOA_Y
ClientSampleId :

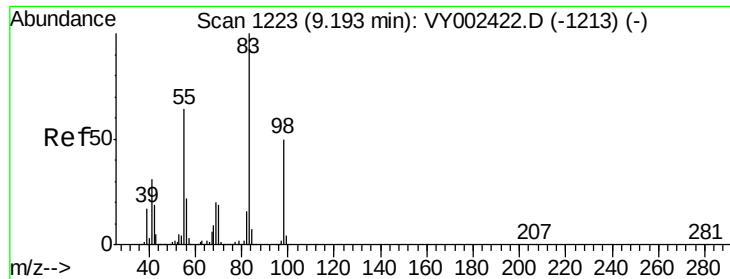
Tot Ion: 43 Resp: 34096
Ion Ratio Lower Upper
43 100
61 16.5 13.5 20.3
70 12.3 10.6 16.0



#38
Carbon Tetrachloride
Concen: 19.158 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 117 Resp: 66865
Ion Ratio Lower Upper
117 100
119 95.6 79.6 119.4
121 30.3 25.4 38.2

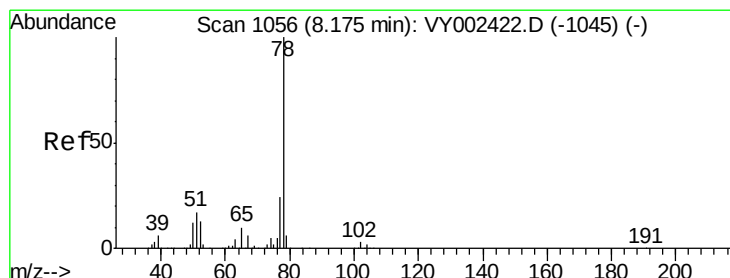
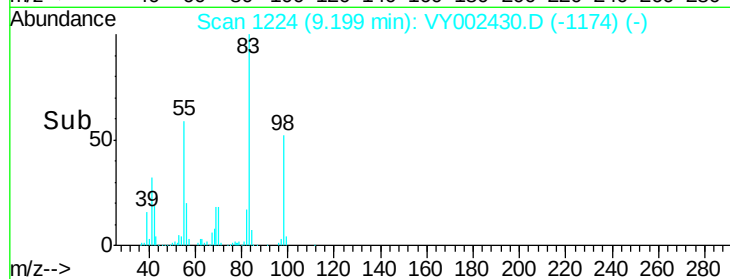
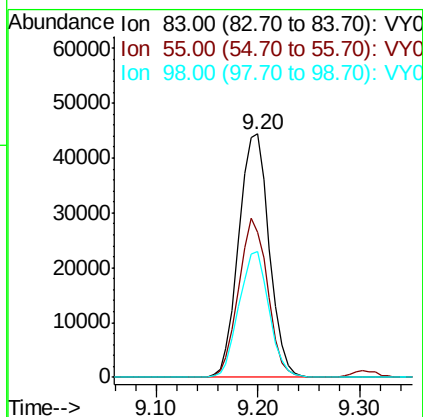
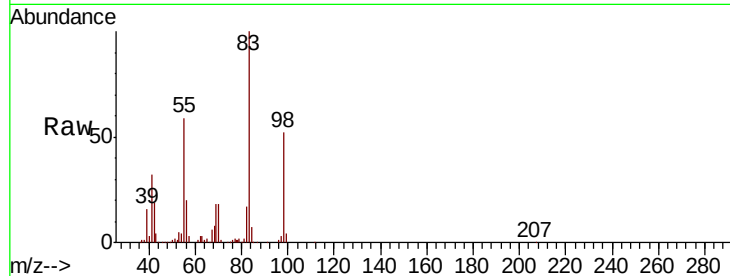




#39
Methylvlcyclohexane
Concen: 19.272 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

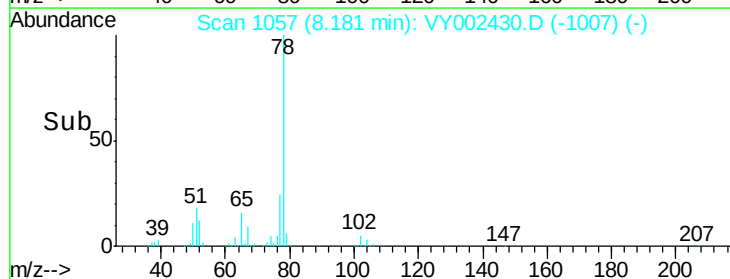
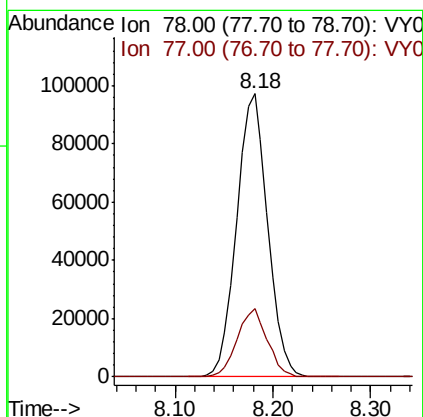
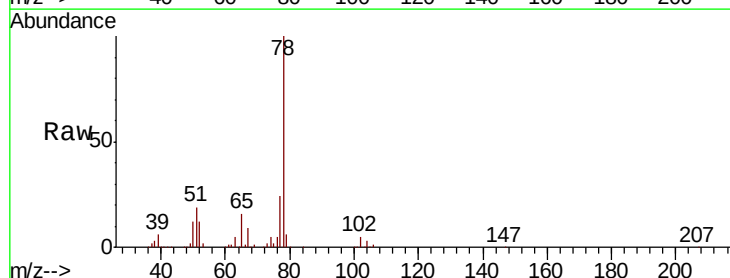
Instrument :
MSVOA_Y
ClientSampled :

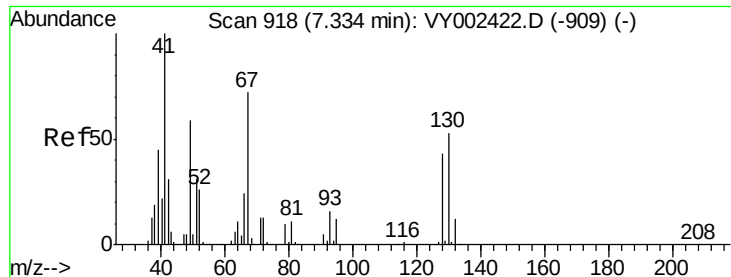
Tot Ion	83.00	Resp	92199
Ion	Ratio	Lower	Upper
83	100		
55	59.4	51.2	76.8
98	51.5	39.8	59.6



#40
Benzene
Concen: 19.961 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	78.00	Resp	212875
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4

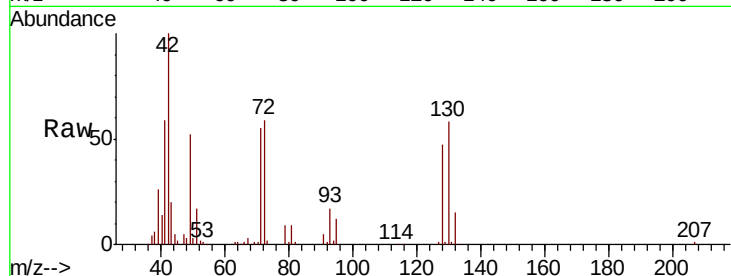




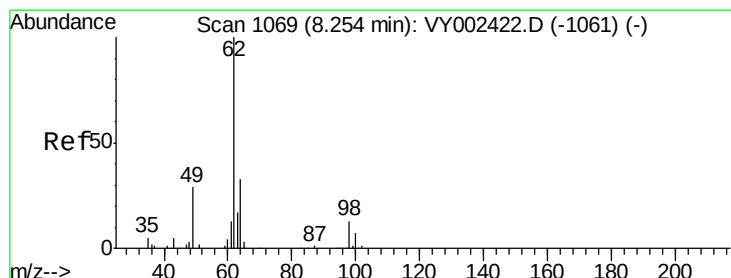
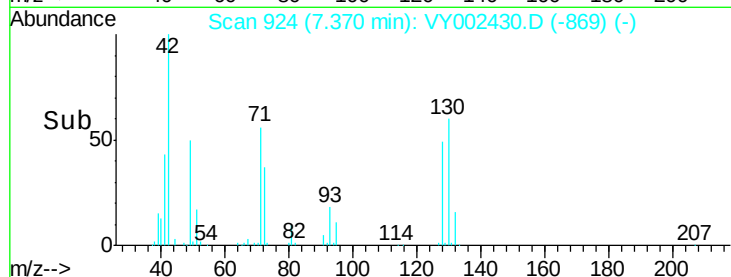
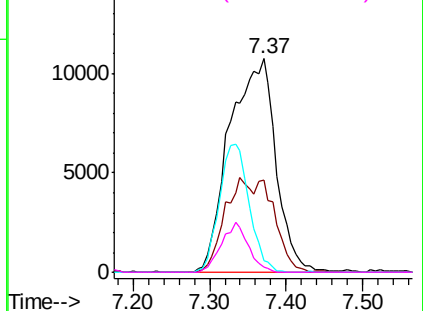
#41
Methacrylonitrile
Concen: 52.346 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 45172
Ion Ratio Lower Upper
41 100
39 0.0 99.0 148.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

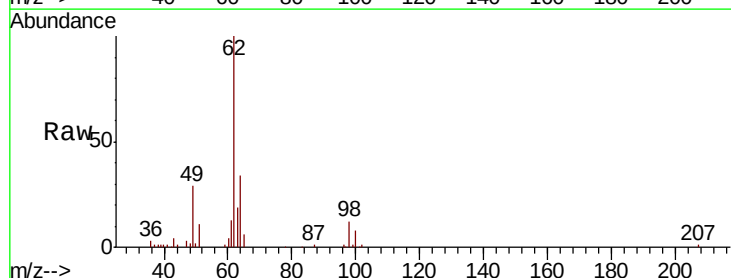


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

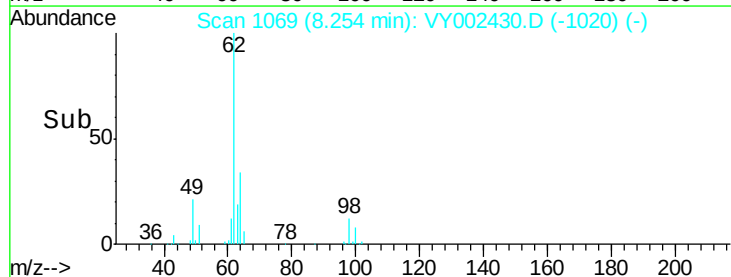
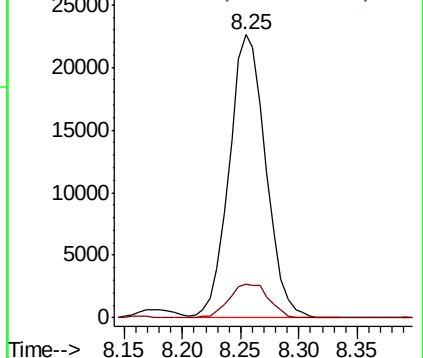


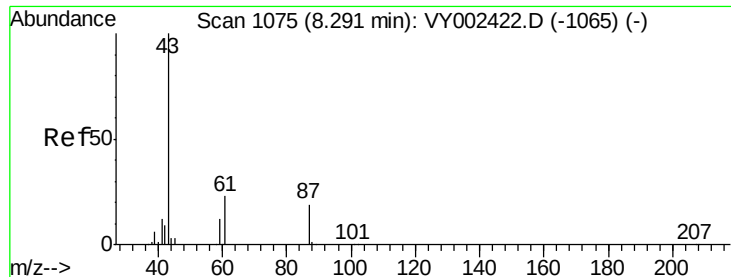
#42
1,2-Dichloroethane
Concen: 19.674 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 62 Resp: 49433
Ion Ratio Lower Upper
62 100
98 13.1 0.0 25.4



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





#43

Isopropyl Acetate

Concen: 19.756 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

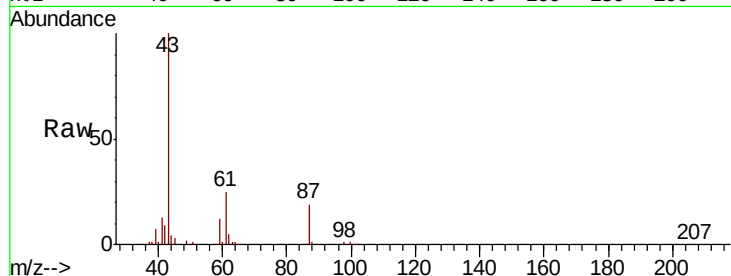
Tot Ion: 43 Resp: 60027

Ion Ratio Lower Upper

43 100

61 35.7 27.7 41.5

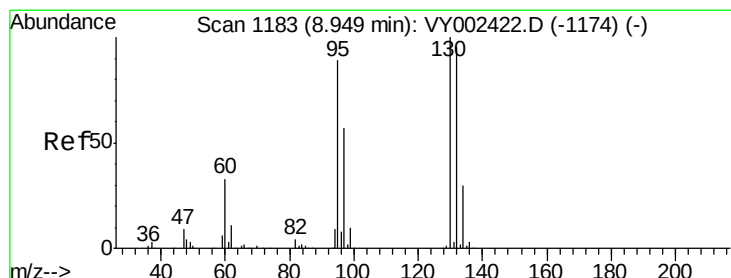
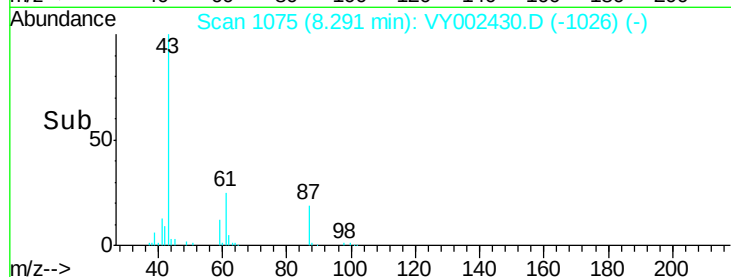
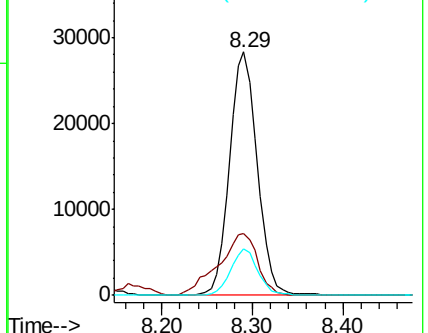
87 18.7 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY002422.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY002422.D (-1065) (-)



#44

Trichloroethene

Concen: 20.068 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002430.D

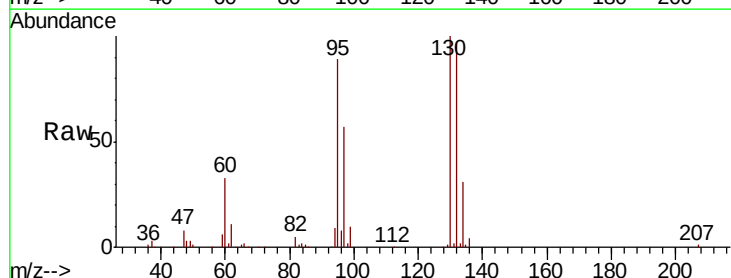
Acq: 21 Apr 2020 14:12

Tgt Ion:130 Resp: 71553

Ion Ratio Lower Upper

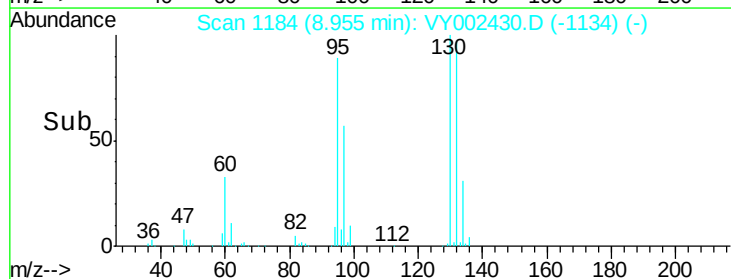
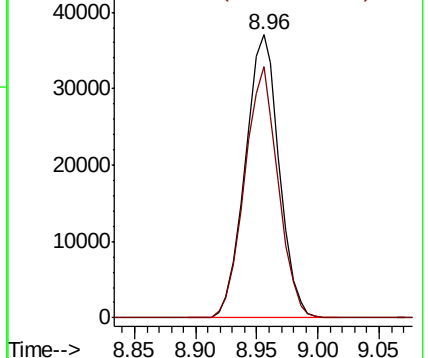
130 100

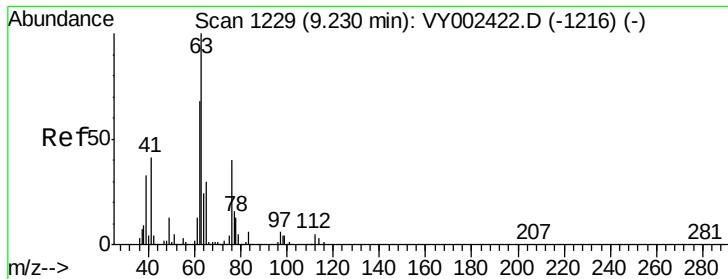
95 88.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VY002422.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002422.D (-1174) (-)

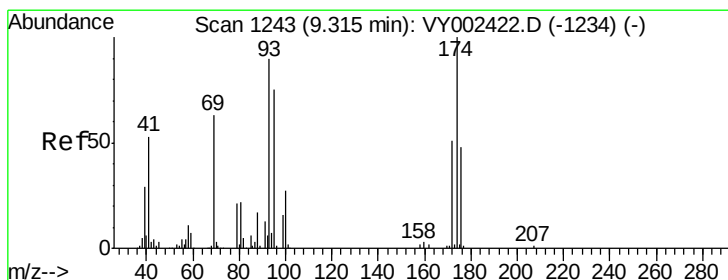
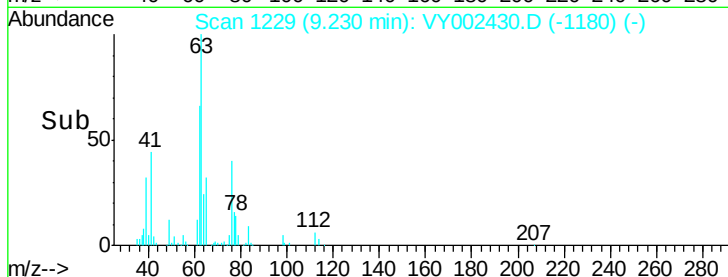
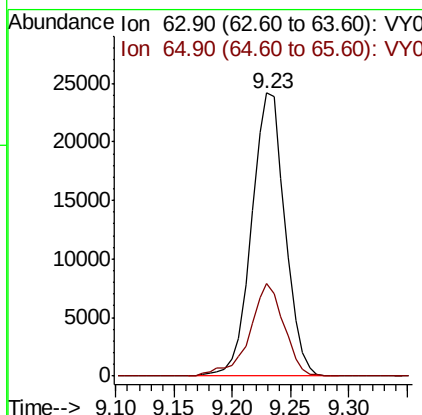
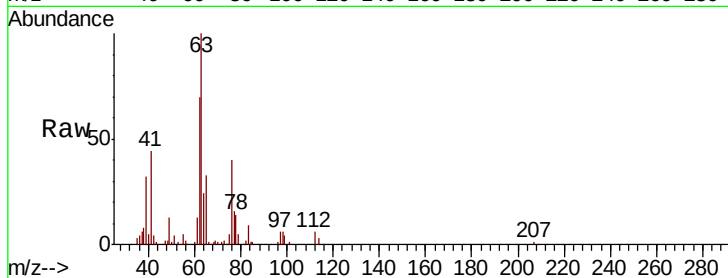




#45
 1,2-Dichloropropane
 Concen: 19.750 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

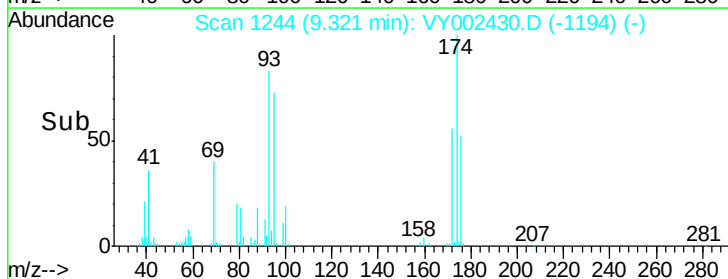
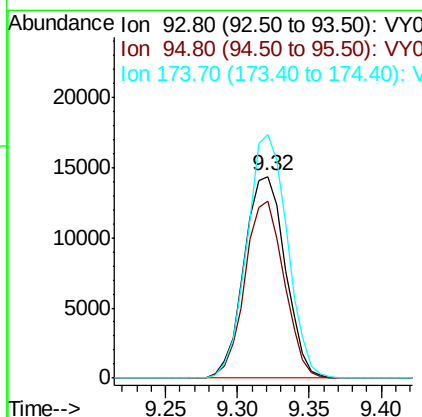
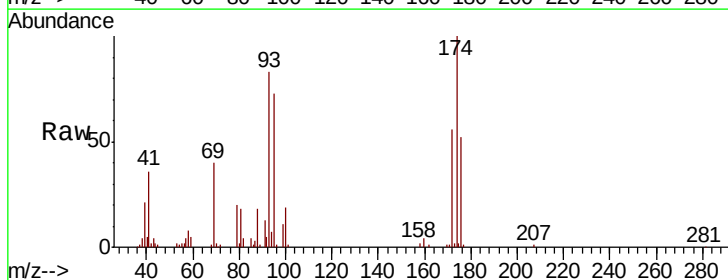
Instrument :
 MSVOA_Y
 ClientSampled :

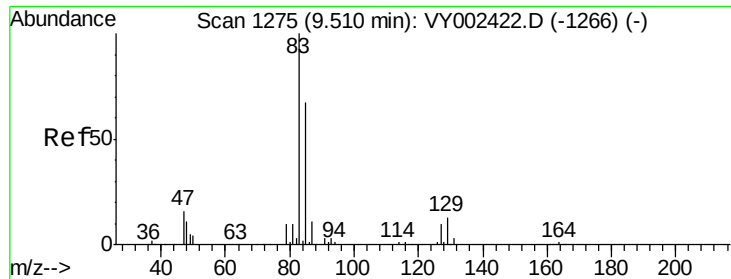
Tot Ion: 63 Resp: 48110
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.2 36.2



#46
 Dibromomethane
 Concen: 20.055 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 93 Resp: 28513
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.5 101.3
 174 118.4 94.5 141.7





#47

Bromodichloromethane

Concen: 19.740 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

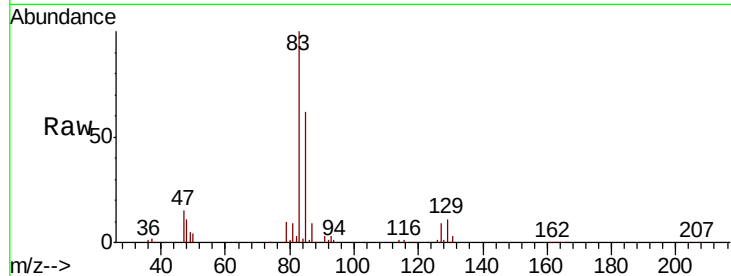
Tot Ion: 83 Resp: 63671

Ion Ratio Lower Upper

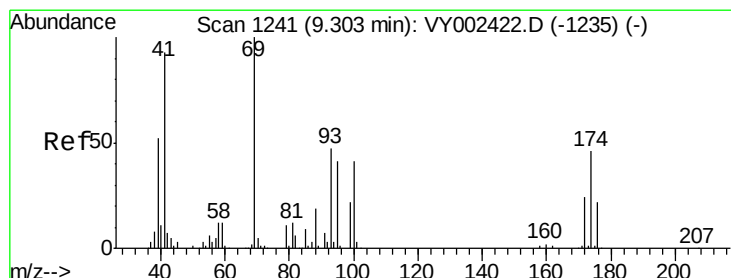
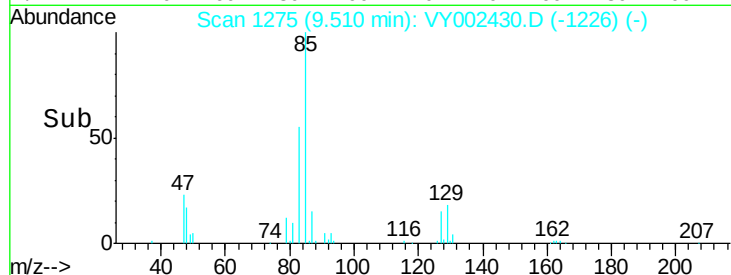
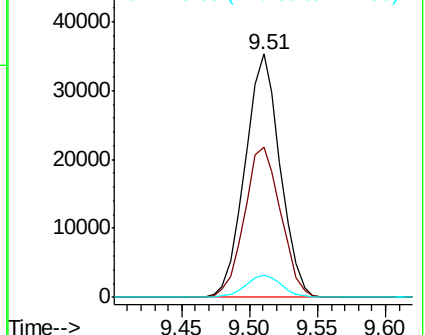
83 100

85 61.9 53.4 80.2

127 9.3 7.8 11.6



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



#48

Methyl methacrylate

Concen: 19.537 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

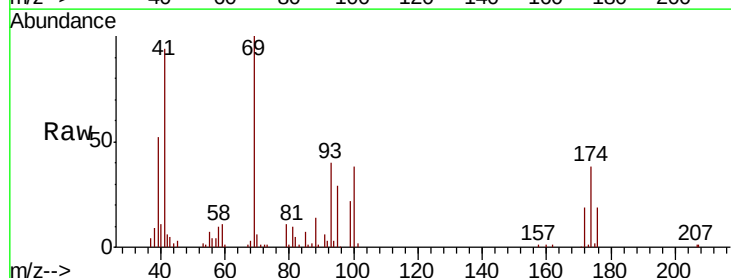
Tgt Ion: 41 Resp: 26506

Ion Ratio Lower Upper

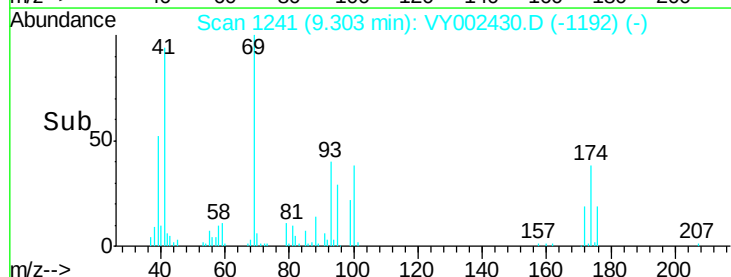
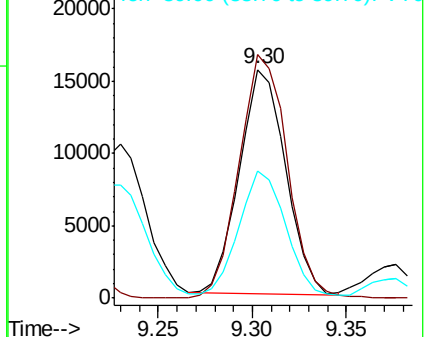
41 100

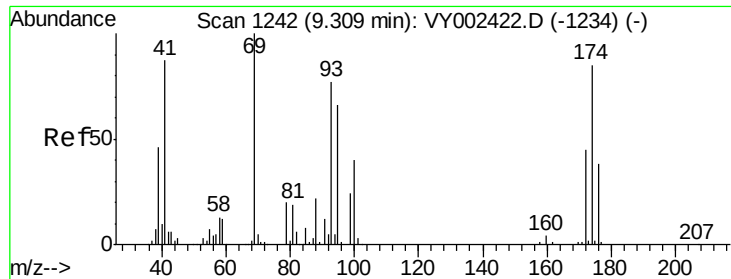
69 112.9 87.9 131.9

39 55.9 43.5 65.3



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

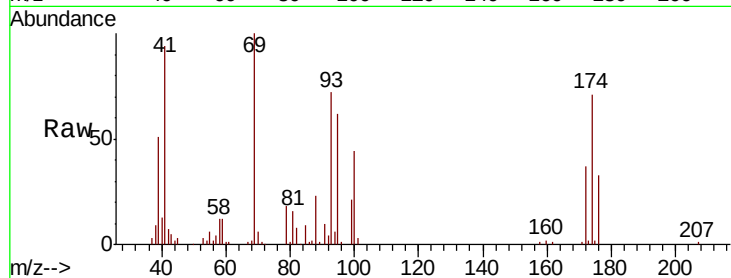




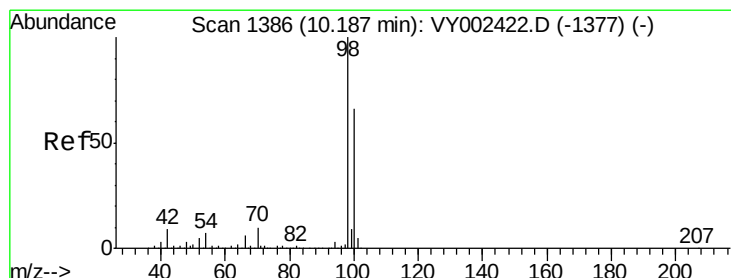
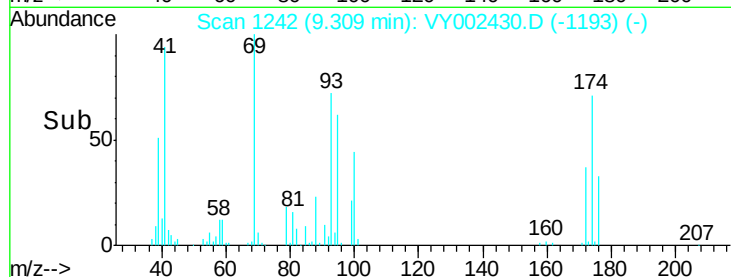
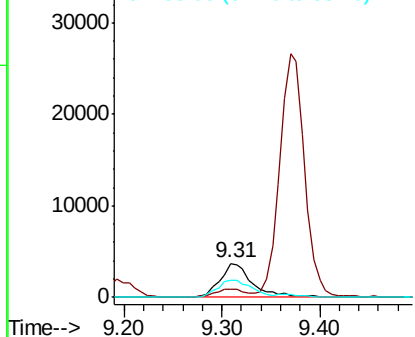
#49
1,4-Dioxane
Concen: 412.260 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 8641
Ion Ratio Lower Upper
88 100
43 21.9 19.0 28.6
58 52.5 44.8 67.2

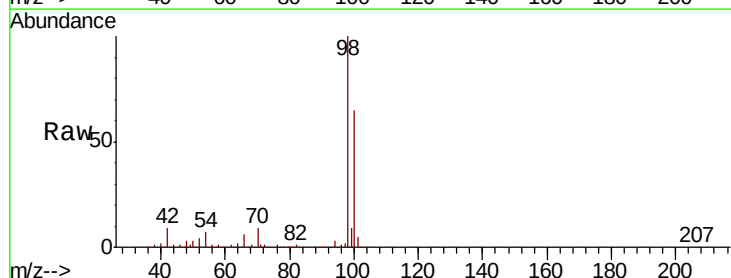


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

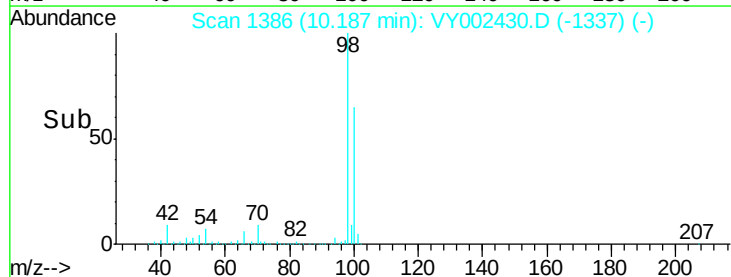
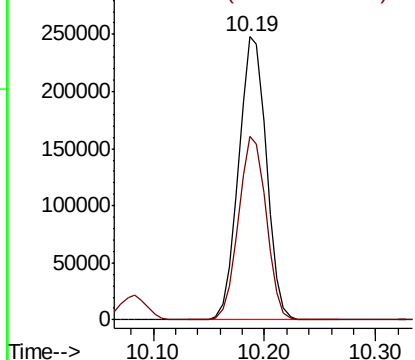


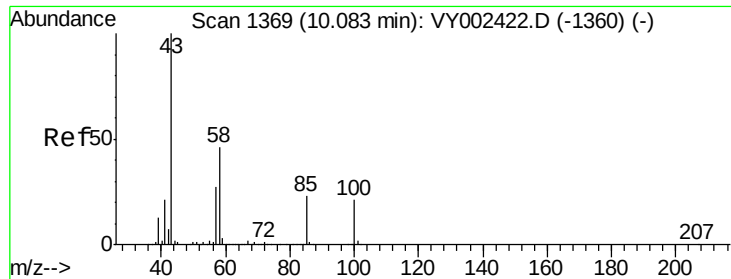
#50
Toluene-d8
Concen: 46.661 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 98 Resp: 427471
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



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

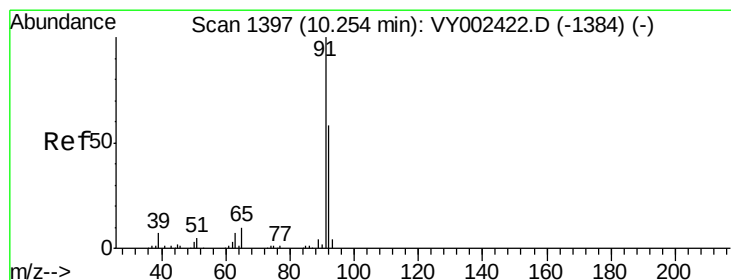
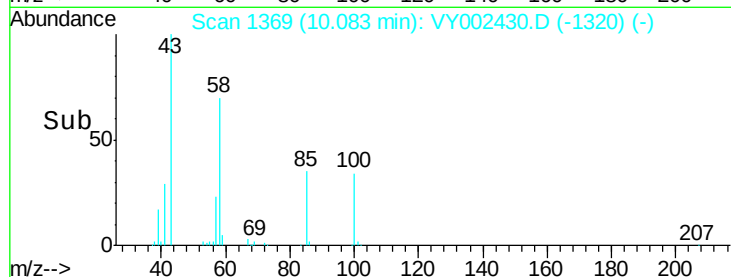
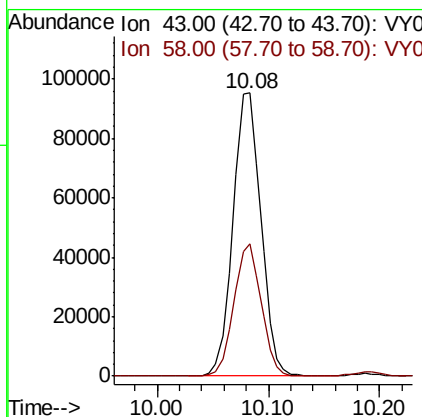
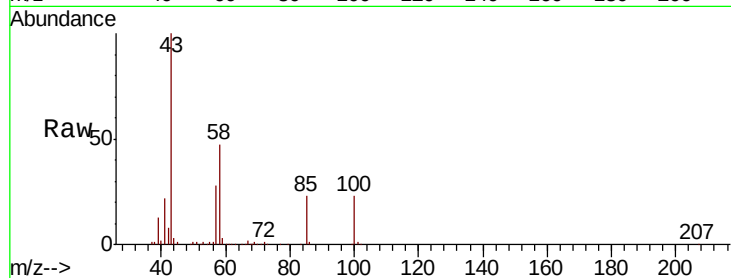




#51
 4-Methyl-2-Pentanone
 Concen: 105.042 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

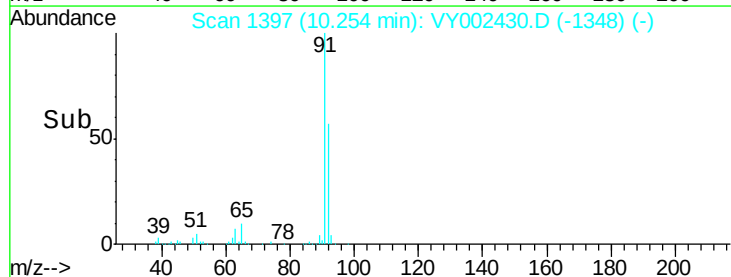
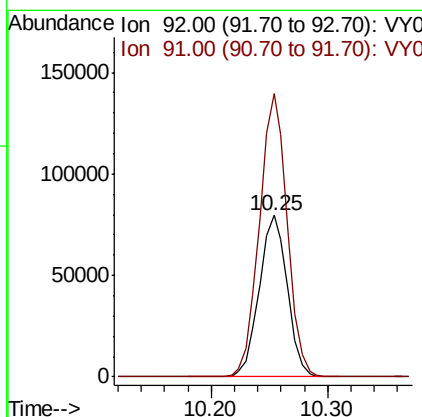
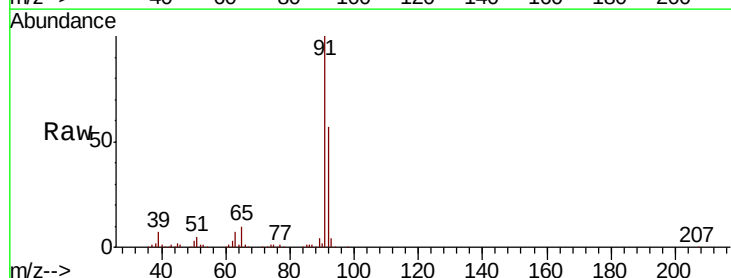
Instrument :
 MSVOA_Y
 ClientSampleId :

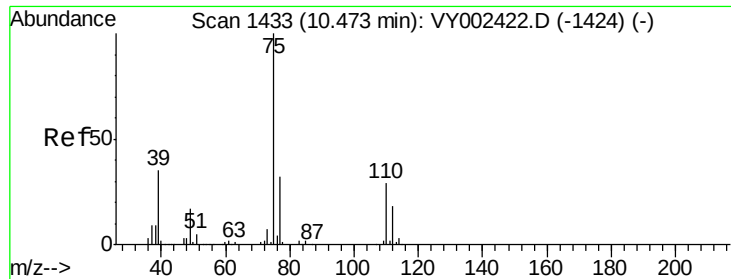
Tot Ion: 43 Resp: 165770
 Ion Ratio Lower Upper
 43 100
 58 45.5 36.8 55.2



#52
 Toluene
 Concen: 19.815 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 92 Resp: 133742
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.495 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

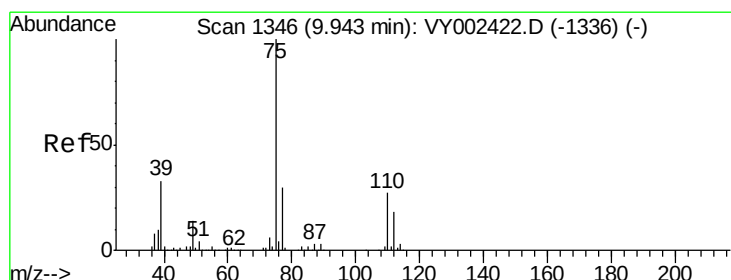
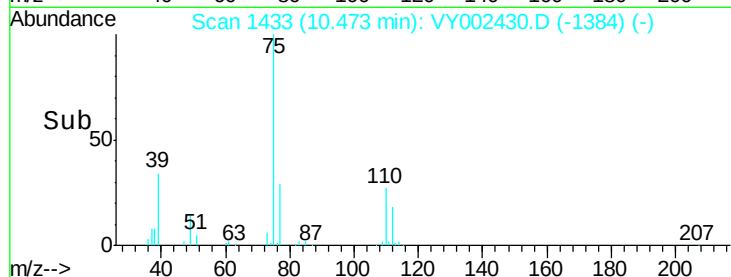
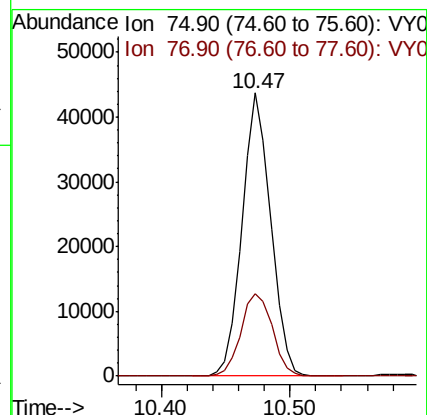
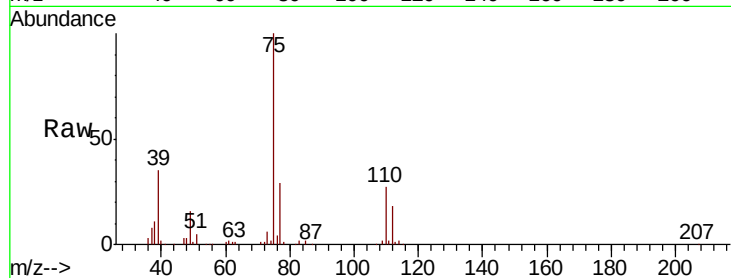
ClientSampleId :

Tot Ion: 75 Resp: 67254

Ion Ratio Lower Upper

75 100

77 29.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.850 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

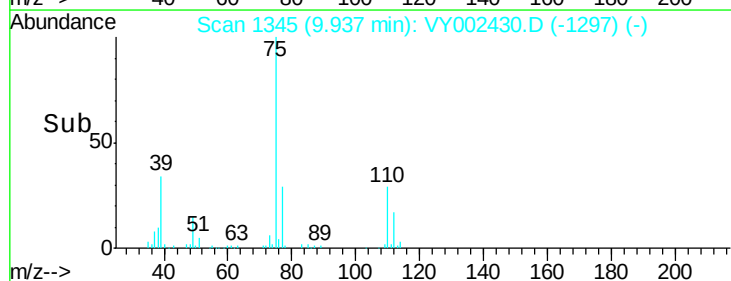
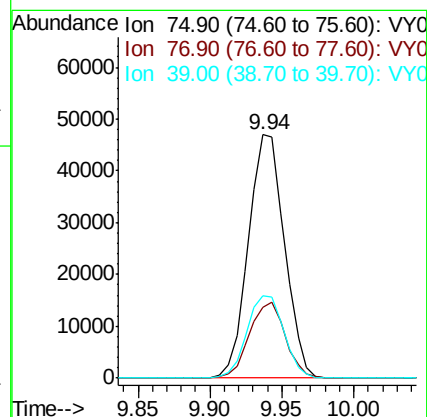
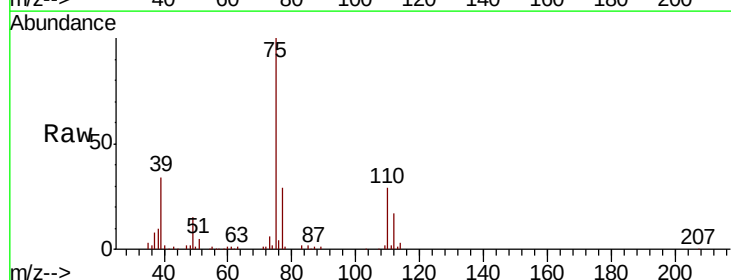
Tgt Ion: 75 Resp: 81448

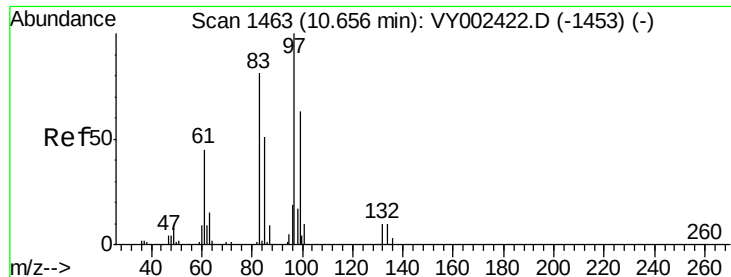
Ion Ratio Lower Upper

75 100

77 28.9 24.2 36.4

39 33.9 26.6 40.0

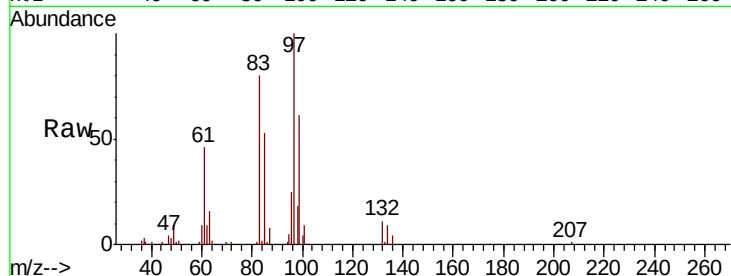




#55
 1,1,2-Trichloroethane
 Concen: 20.475 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	43661
Ion	Ratio	Lower	Upper
97	100		
83	79.8	64.6	96.8
85	53.1	41.1	61.7
99	60.9	50.2	75.2



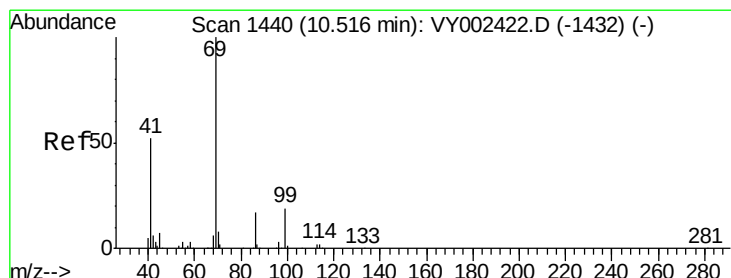
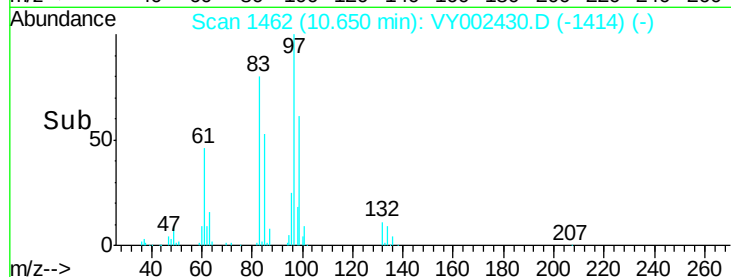
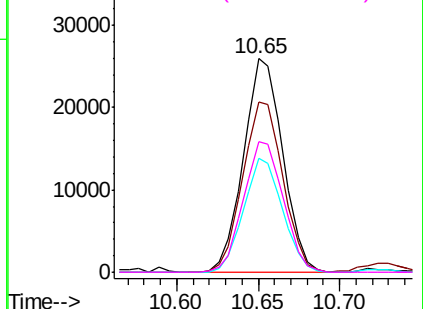
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

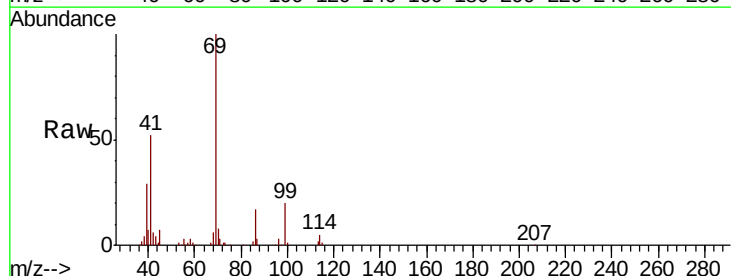
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 20.376 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion:	69	Resp:	55964
Ion	Ratio	Lower	Upper
69	100		
41	50.7	42.0	63.0
39	26.1	21.2	31.8

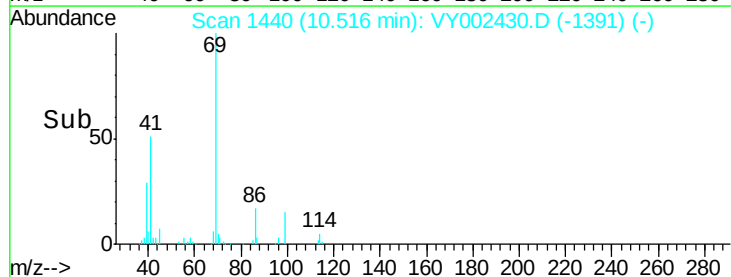
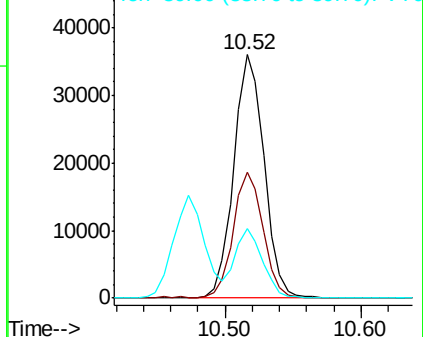


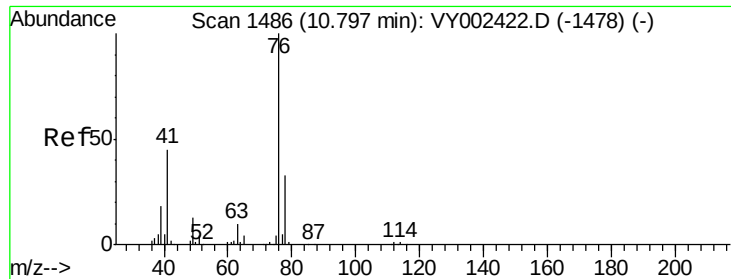
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.174 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

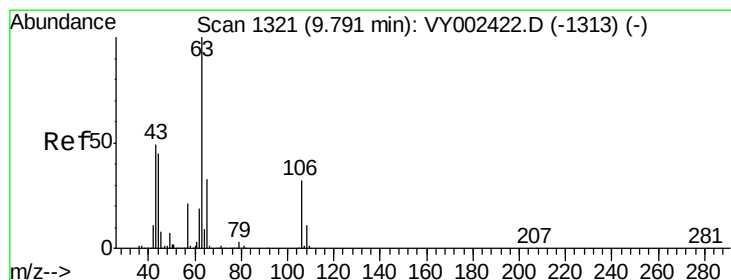
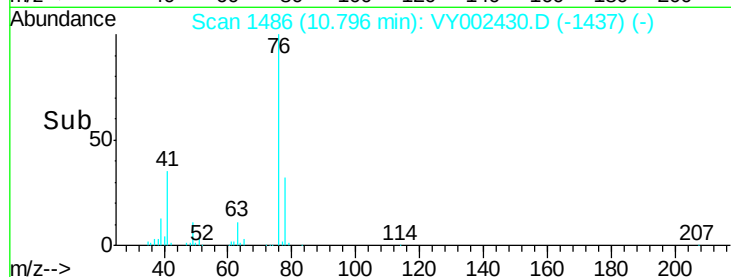
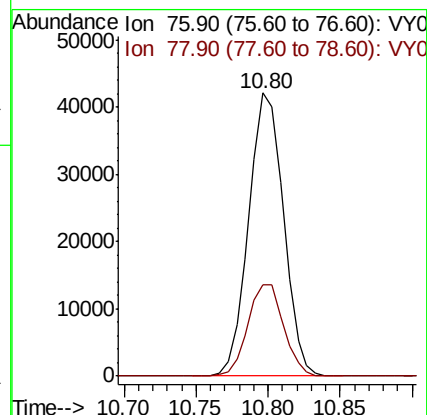
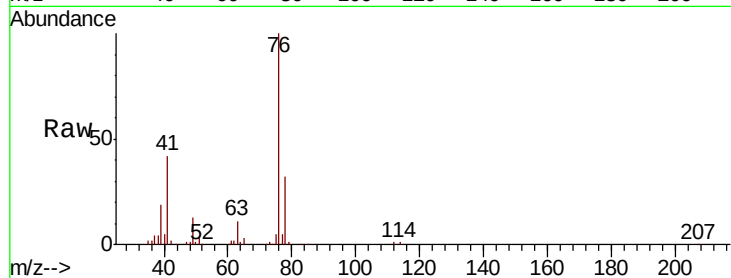
ClientSampleId :

Tot Ion: 76 Resp: 70426

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.204 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002430.D

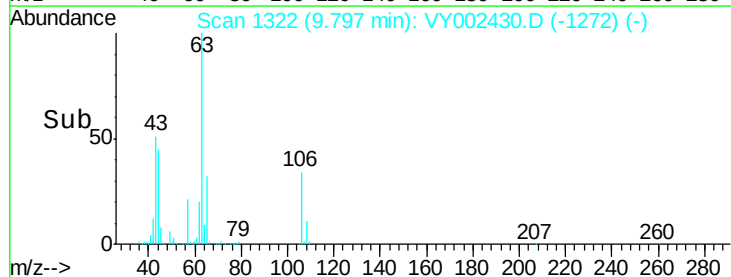
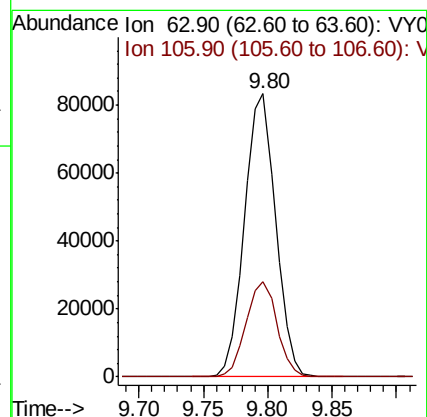
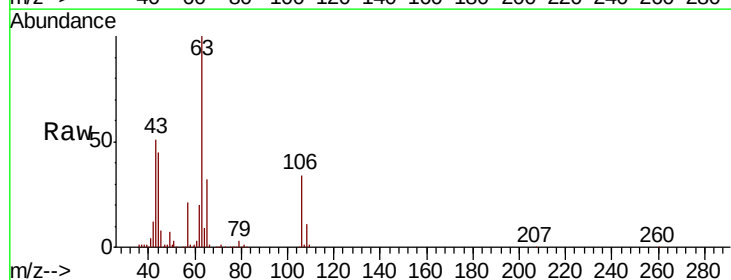
Acq: 21 Apr 2020 14:12

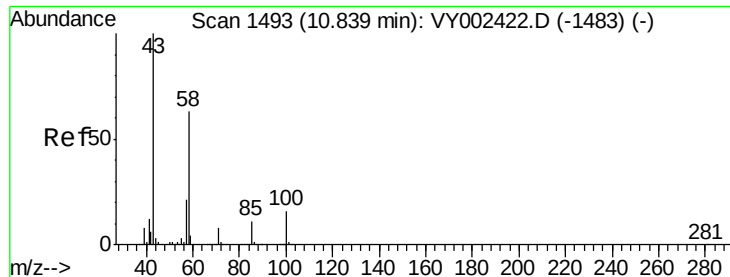
Tgt Ion: 63 Resp: 139057

Ion Ratio Lower Upper

63 100

106 33.5 26.2 39.4

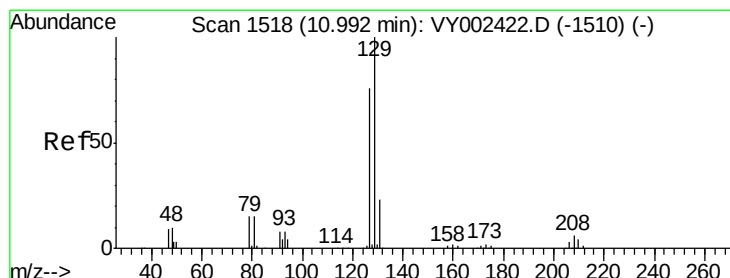
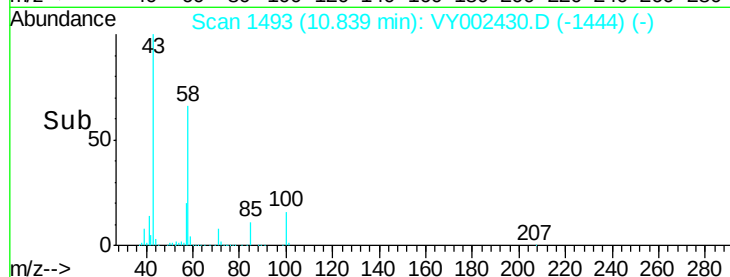
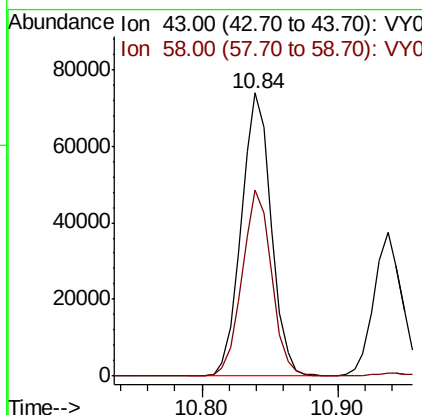
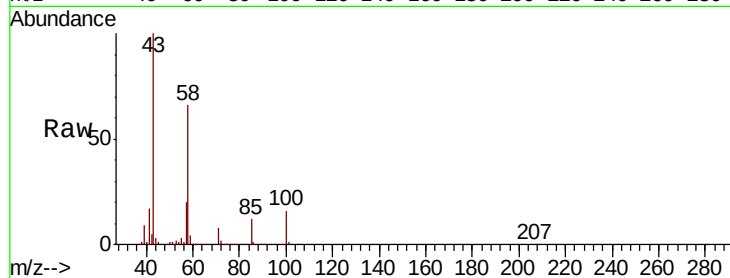




#59
2-Hexanone
Concen: 101.156 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

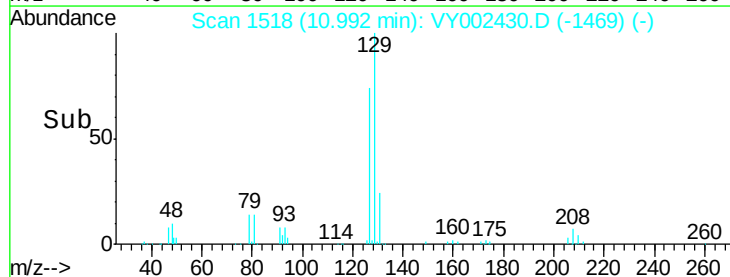
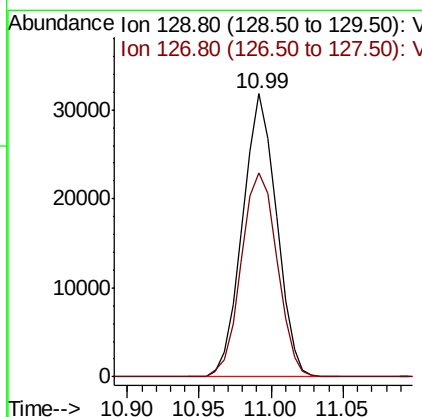
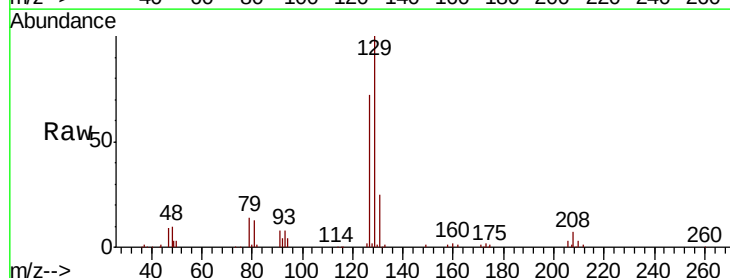
Instrument :
MSVOA_Y
ClientSampleId :

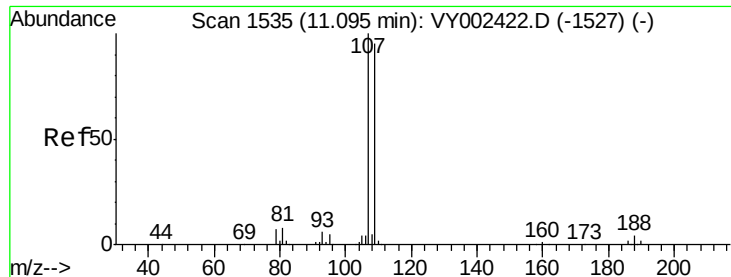
Tot Ion: 43 Resp: 113299
Ion Ratio Lower Upper
43 100
58 64.9 32.5 97.4



#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 129 Resp: 52056
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7

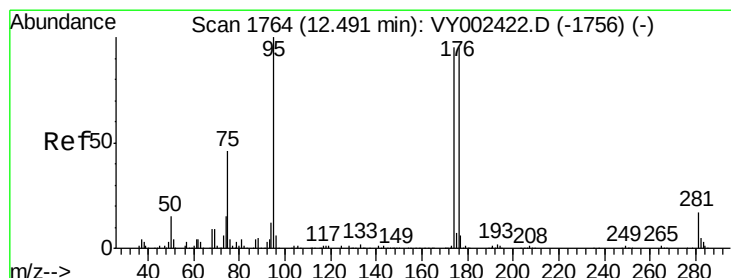
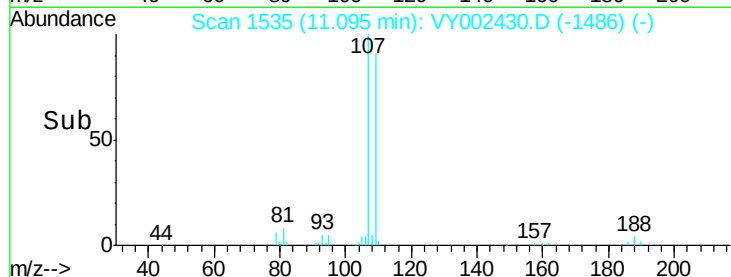
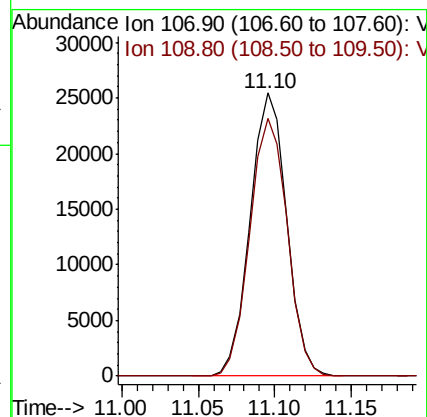
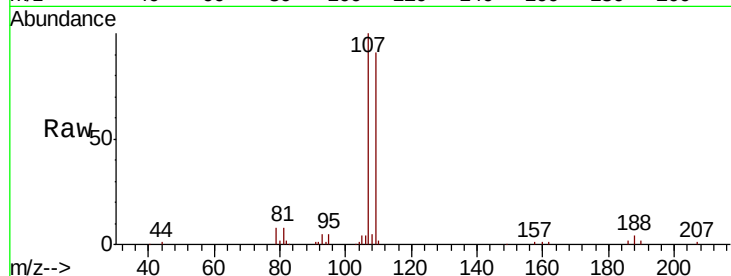




#61
 1,2-Dibromoethane
 Concen: 20.299 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

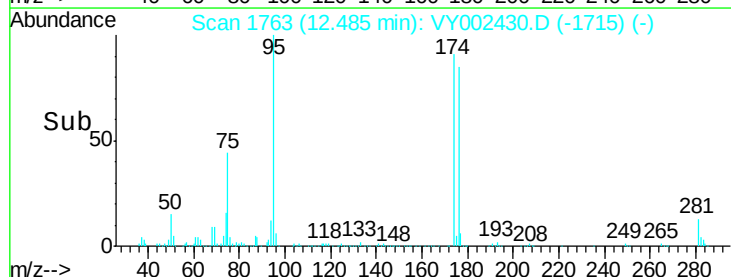
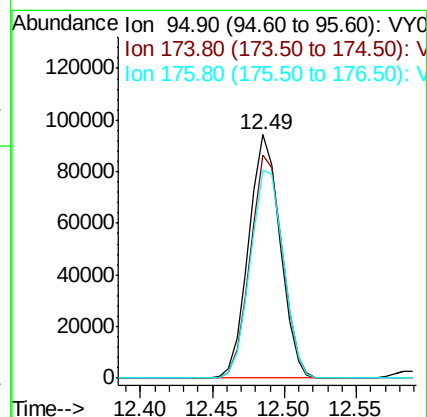
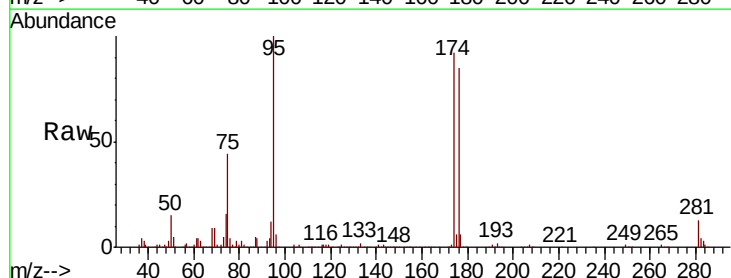
Instrument :
 MSVOA_Y
 ClientSampleId :

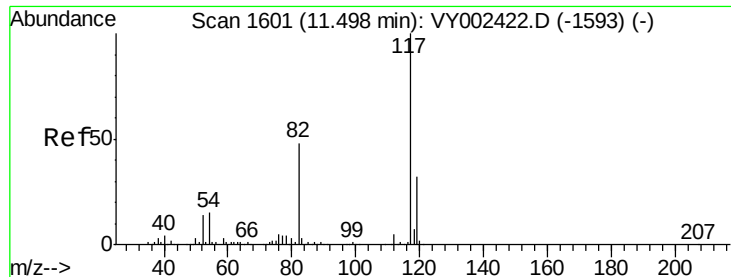
Tot Ion:107 Resp: 42233
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 47.162 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 95 Resp: 142650
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 185.8
 176 89.2 0.0 181.2

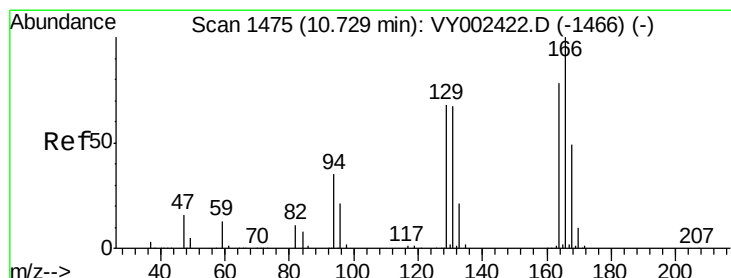
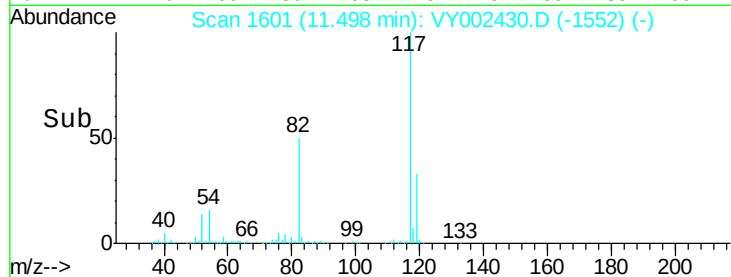
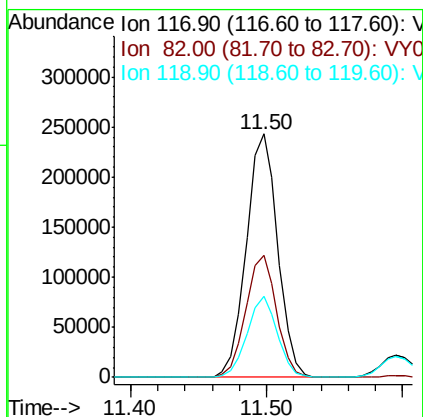
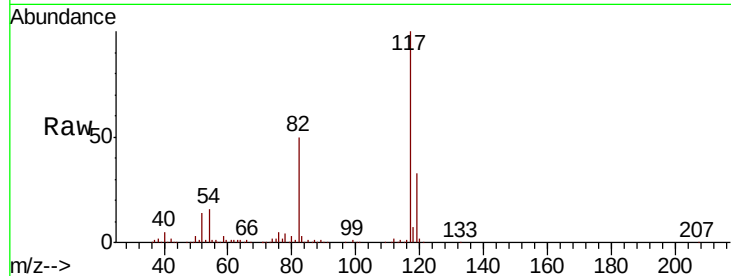




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

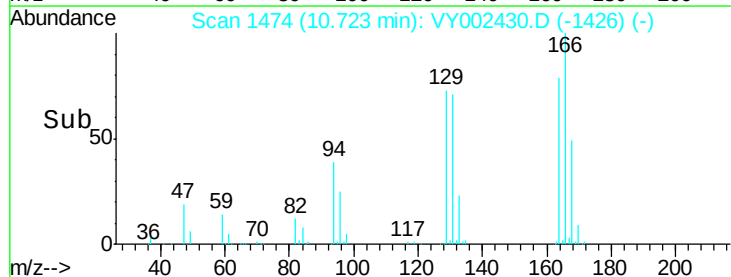
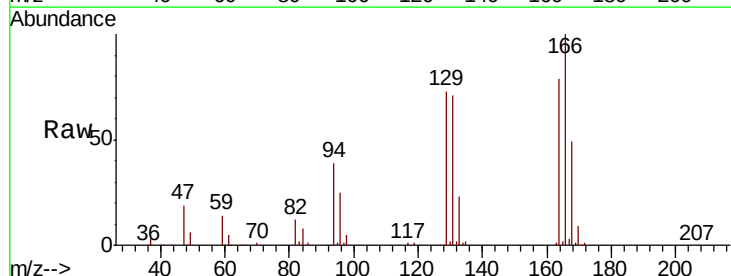
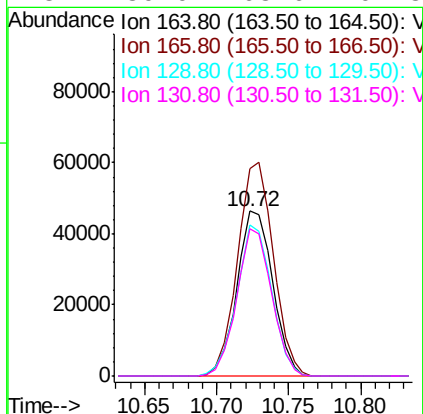
Instrument :
MSVOA_Y
ClientSampleId :

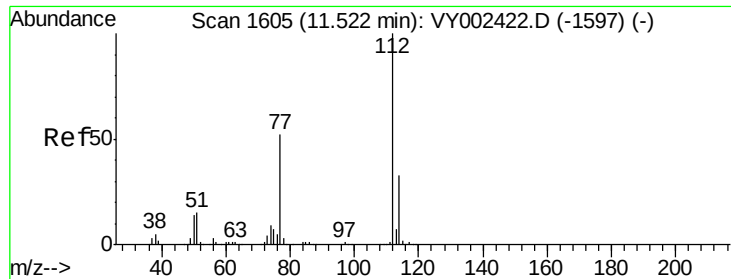
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	38.4	57.6
119	33.1	25.3	37.9



#64
Tetrachloroethene
Concen: 19.203 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.4	153.6
129	91.5	70.1	105.1
131	89.0	68.6	102.8

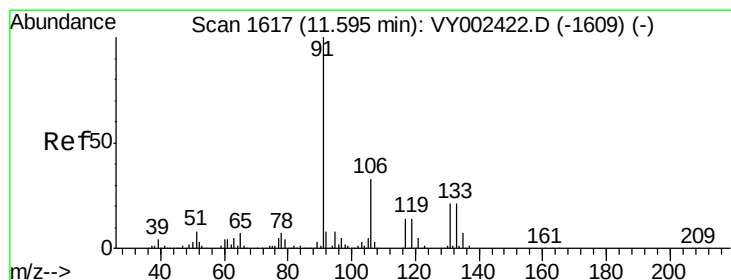
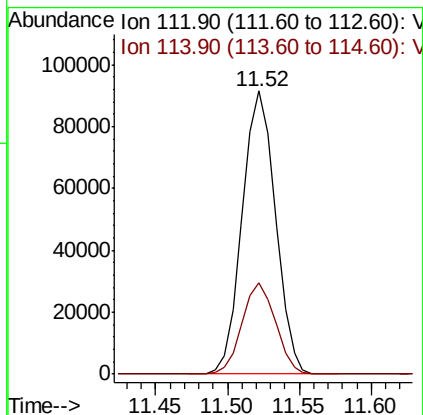
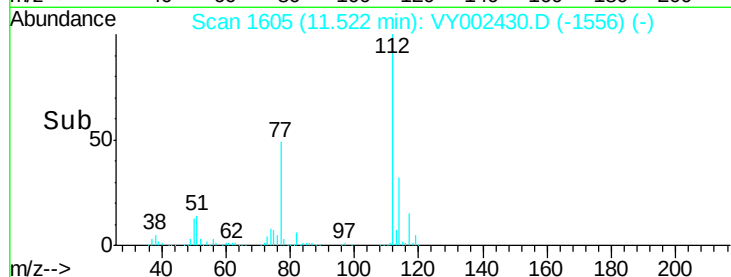
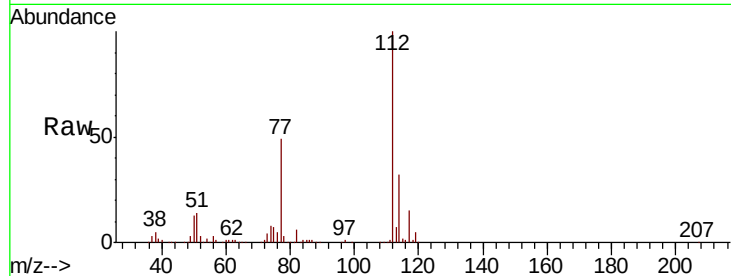




#65
Chlorobenzene
Concen: 19.577 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

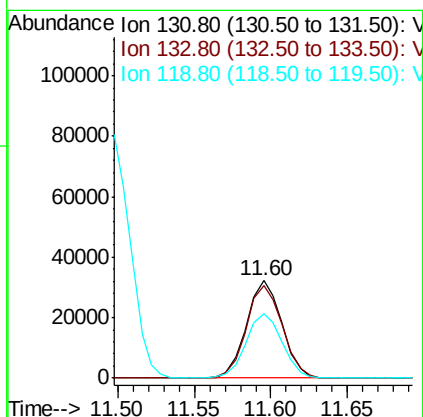
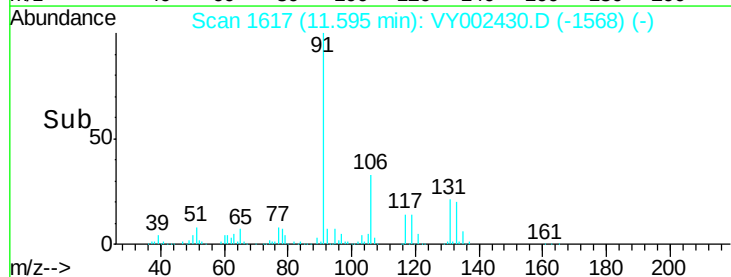
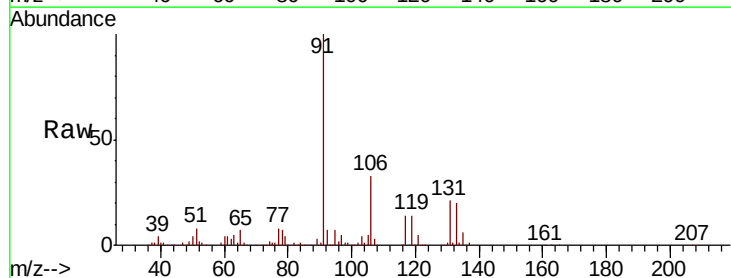
Instrument :
MSVOA_Y
ClientSampleId :

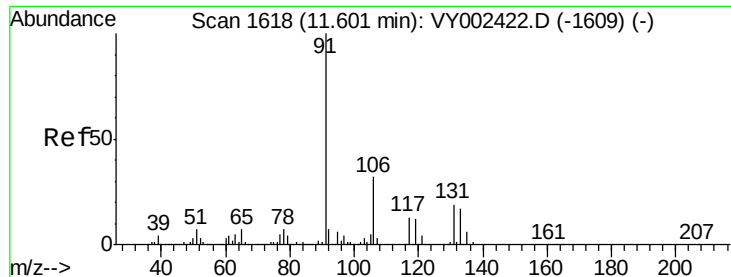
Tot Ion:112 Resp: 146952
Ion Ratio Lower Upper
112 100
114 32.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.552 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion:131 Resp: 51780
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.8
119 67.5 33.5 100.4

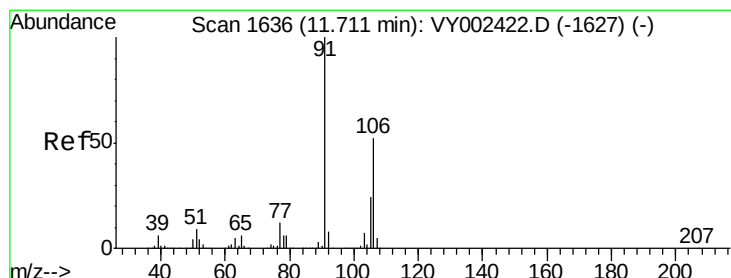
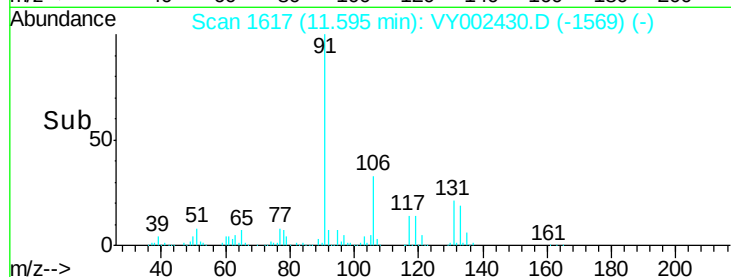
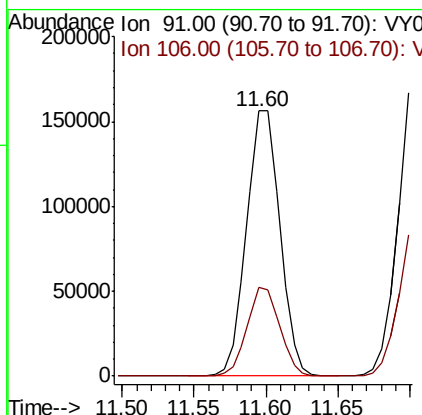
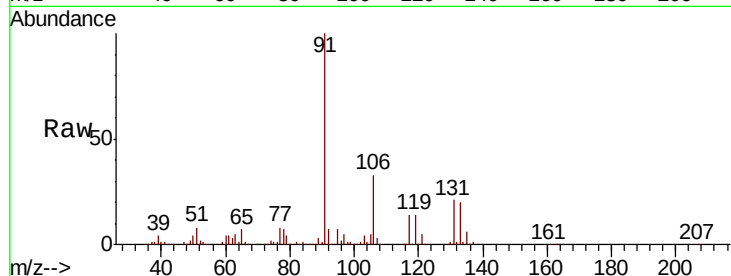




#67
Ethyl Benzene
Concen: 19.315 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

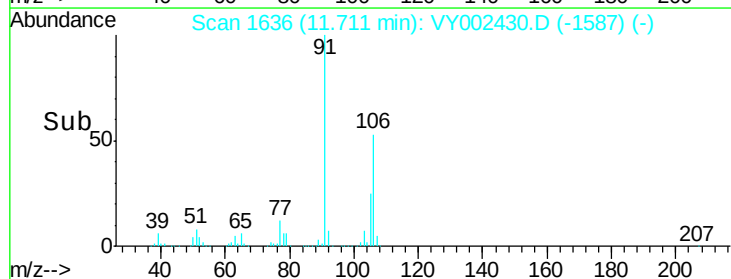
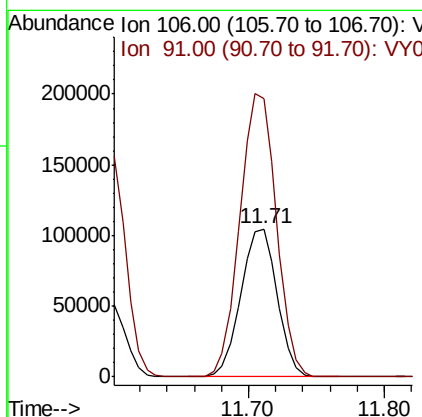
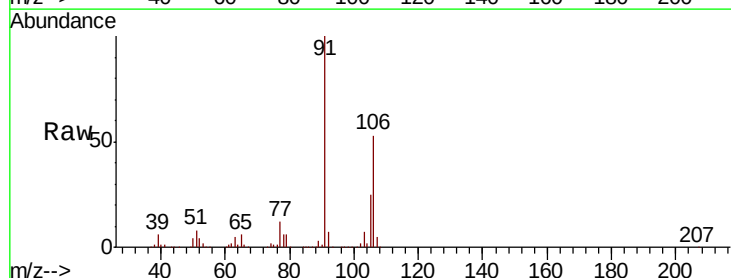
Instrument :
MSVOA_Y
ClientSampled :

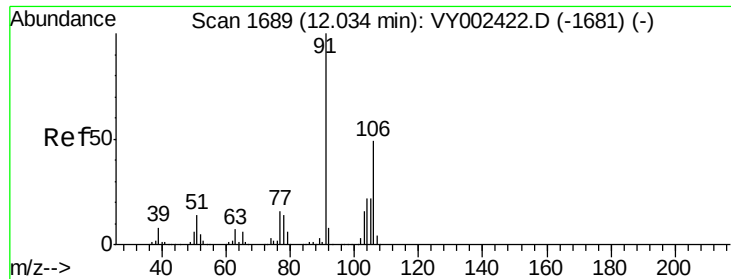
Tot Ion: 91 Resp: 250769
Ion Ratio Lower Upper
91 100
106 33.4 25.8 38.8



#68
m/p-Xylenes
Concen: 38.846 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 106 Resp: 194900
Ion Ratio Lower Upper
106 100
91 192.8 153.6 230.4

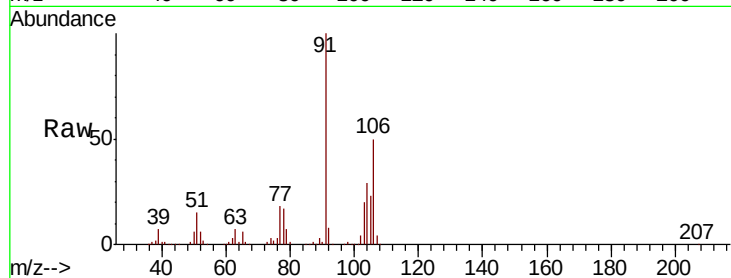




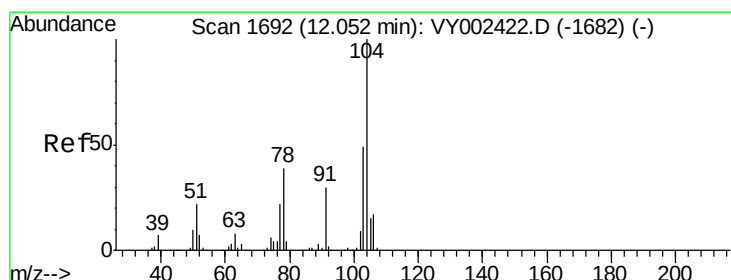
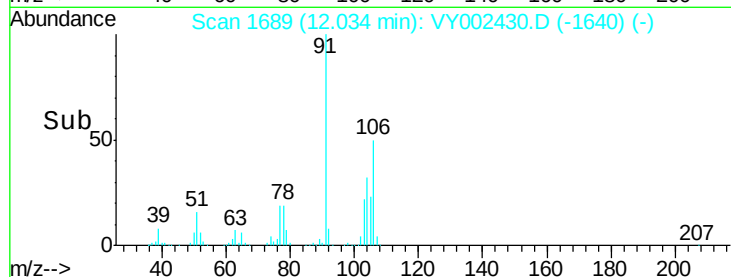
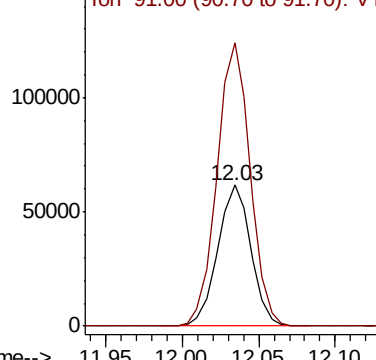
#69
o-Xylene
Concen: 19.641 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 92840
Ion Ratio Lower Upper
106 100
91 201.0 100.4 301.2

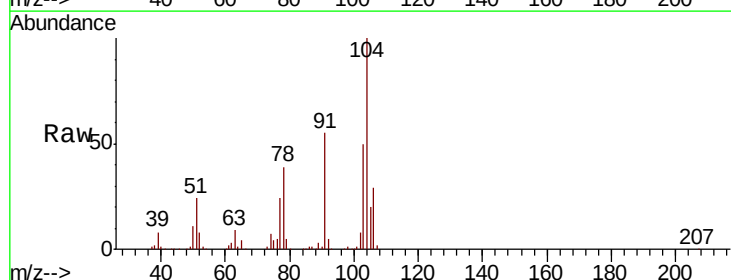


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

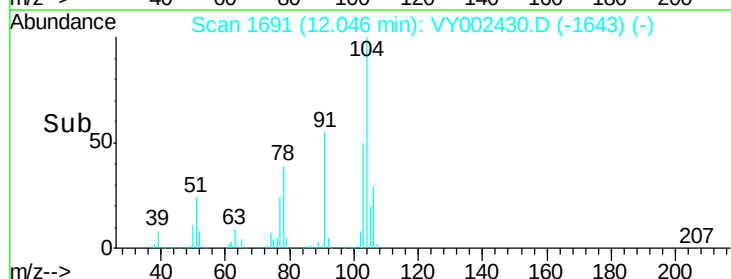
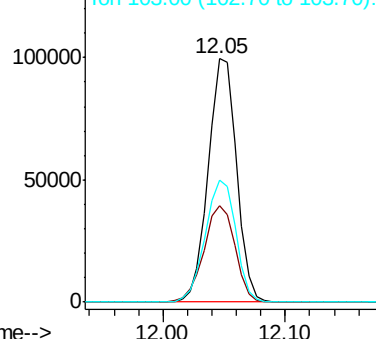


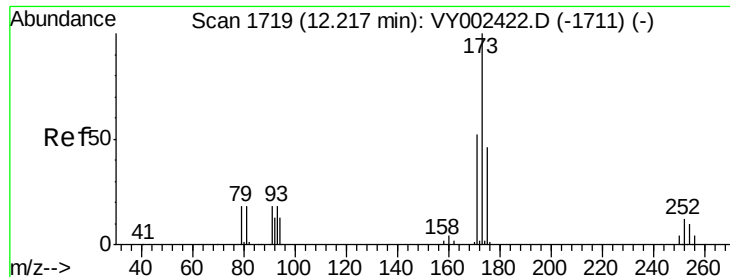
#70
Styrene
Concen: 19.726 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion:104 Resp: 159623
Ion Ratio Lower Upper
104 100
78 43.3 34.5 51.7
103 54.0 43.4 65.2



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





#71

Bromoform

Concen: 19.976 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampled :

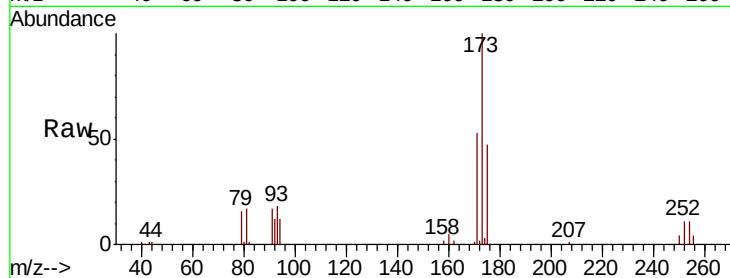
Tot Ion:173 Resp: 32373

Ion Ratio Lower Upper

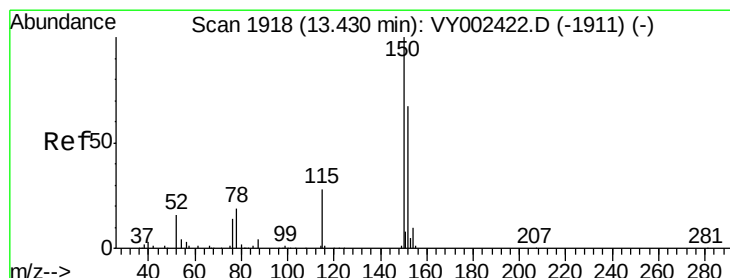
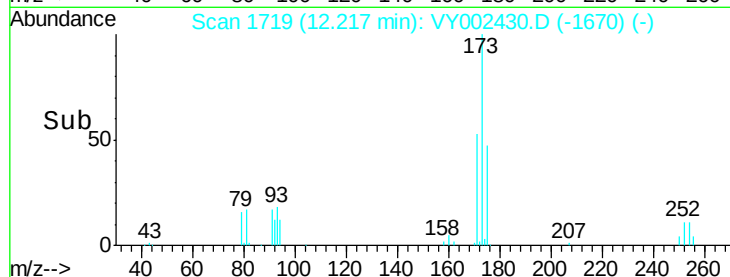
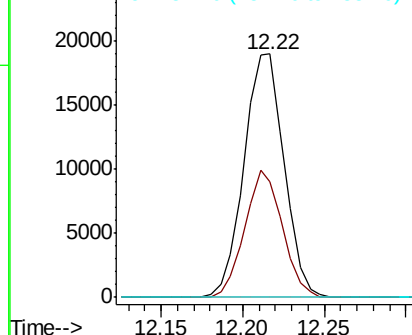
173 100

175 48.9 23.9 71.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

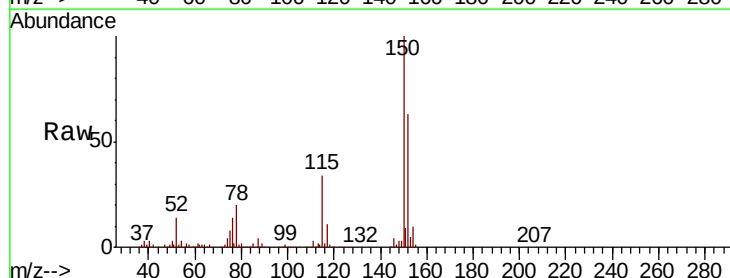
Tgt Ion:152 Resp: 188244

Ion Ratio Lower Upper

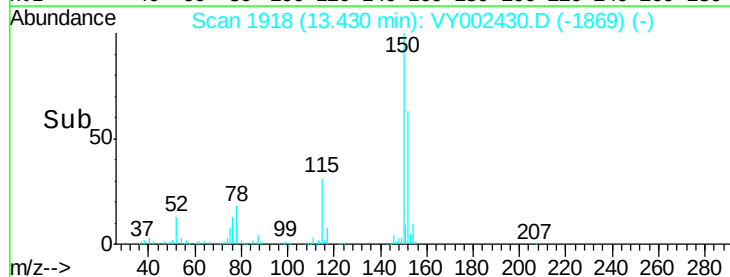
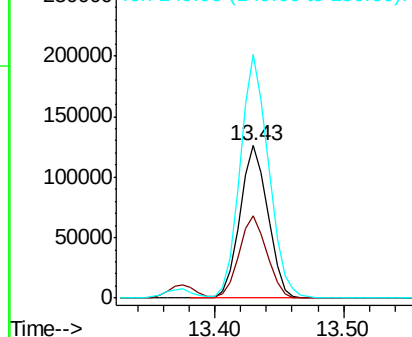
152 100

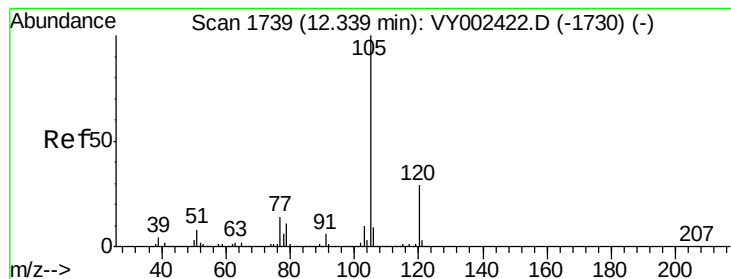
115 53.7 27.3 81.8

150 163.2 0.0 344.0



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





#73

Isopropylbenzene

Concen: 20.109 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

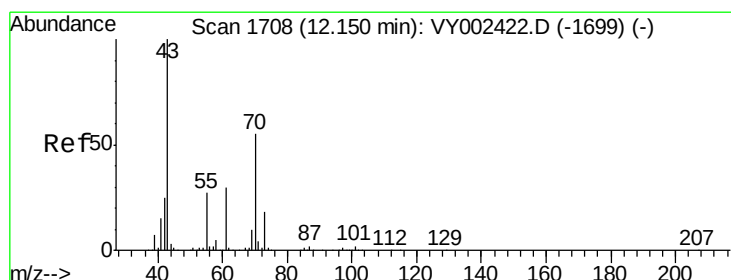
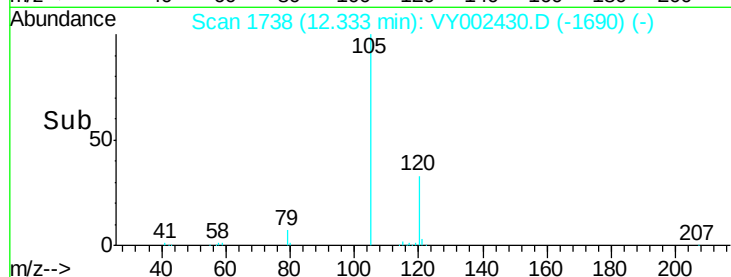
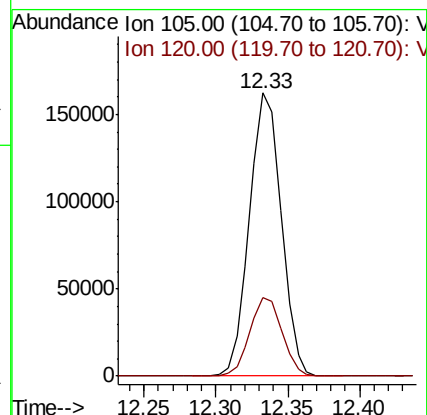
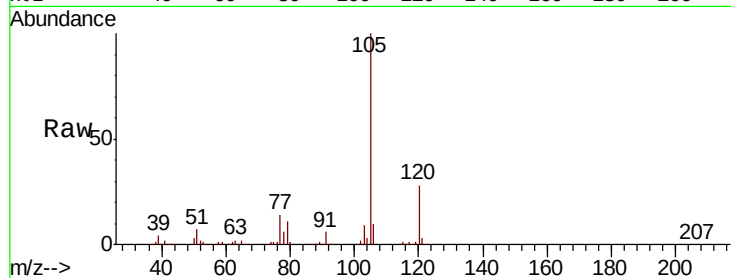
ClientSampleId :

Tot Ion:105 Resp: 248437

Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.7



#74

N-ethyl acetate

Concen: 20.101 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion: 43 Resp: 54282

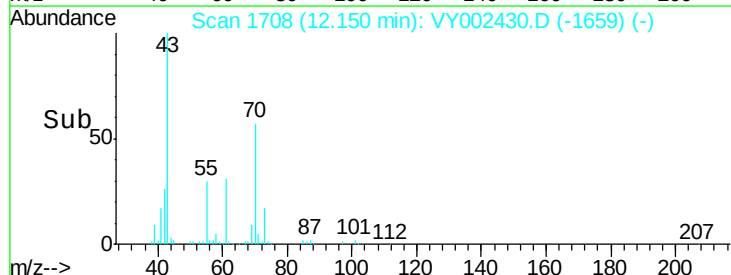
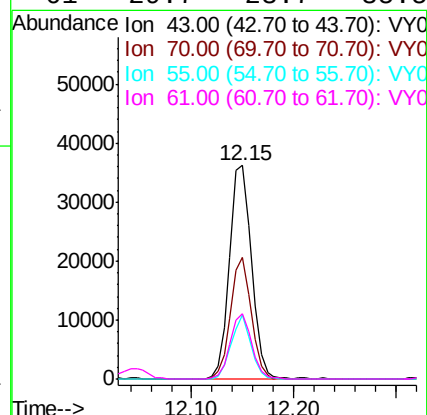
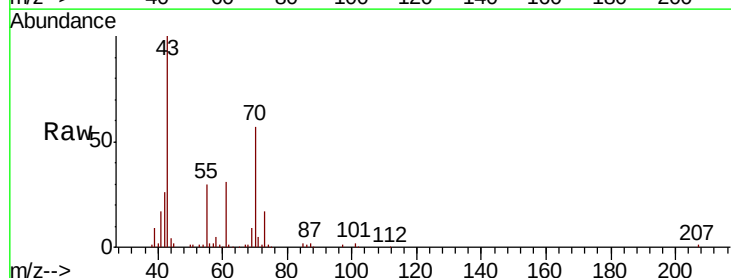
Ion Ratio Lower Upper

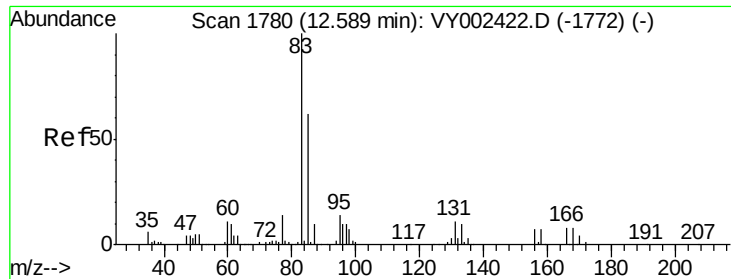
43 100

70 53.4 42.6 63.8

55 26.8 21.0 31.4

61 29.7 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.854 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampled :

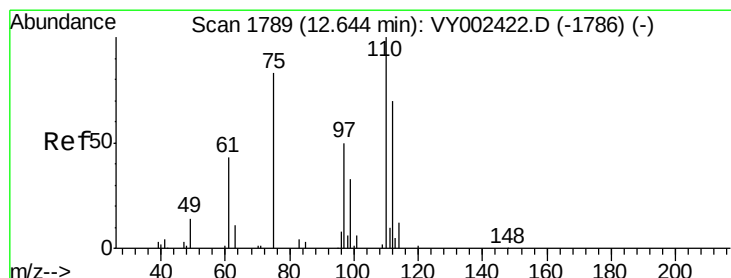
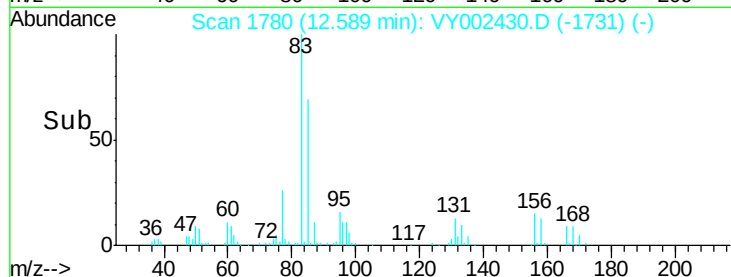
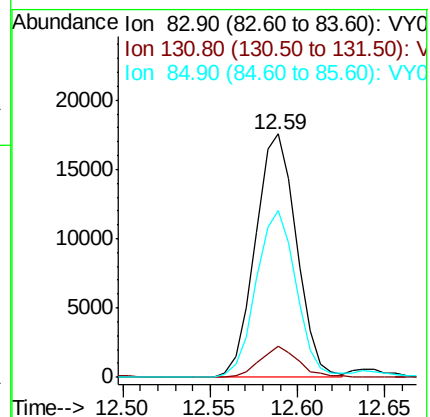
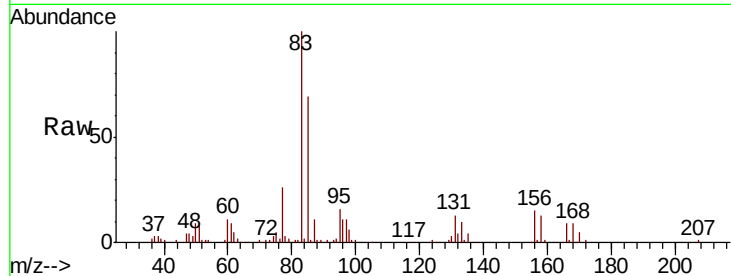
Tot Ion: 83 Resp: 28677

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.6

85 66.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 34.376 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002430.D

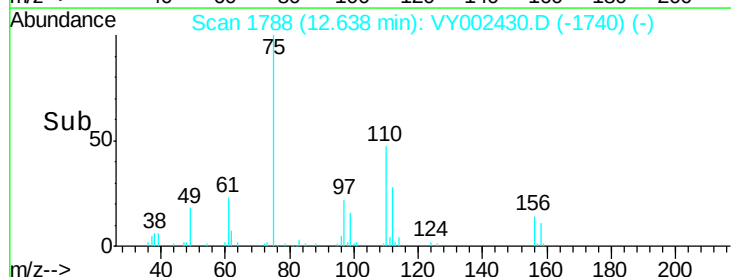
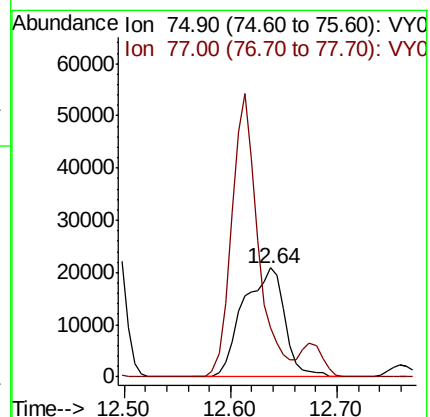
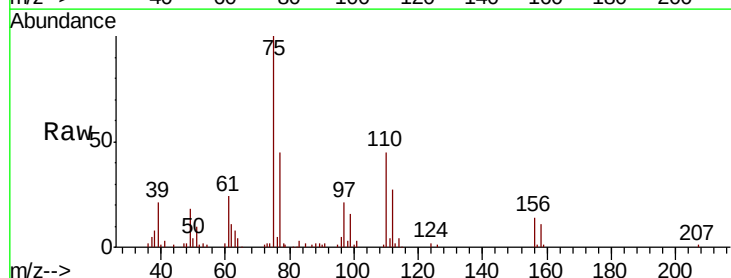
Acq: 21 Apr 2020 14:12

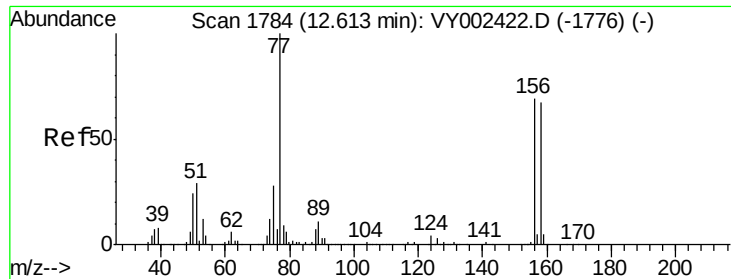
Tgt Ion: 75 Resp: 57008

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.386 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

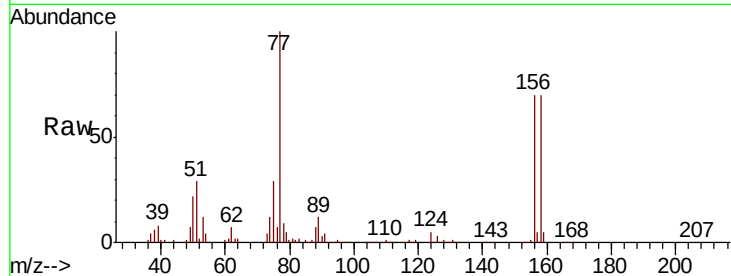
Tot Ion:156 Resp: 60337

Ion Ratio Lower Upper

156 100

77 158.0 80.2 240.6

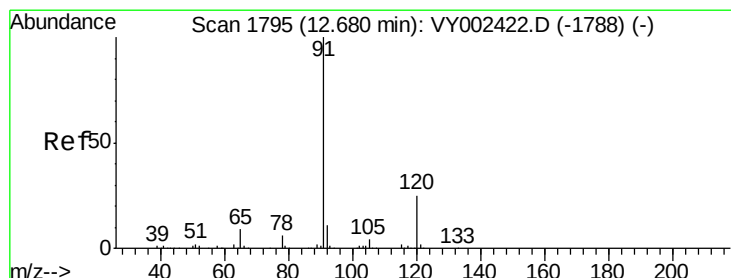
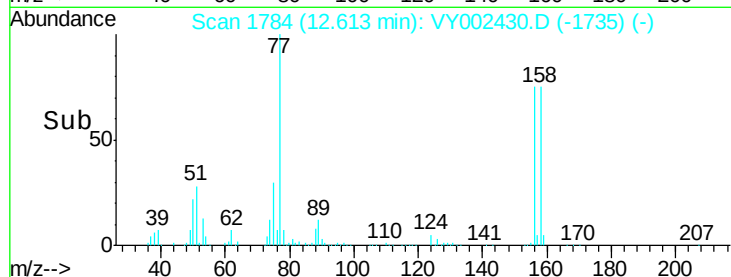
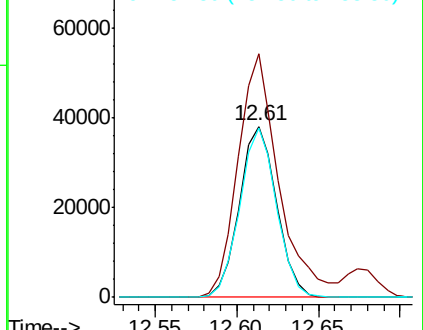
158 97.3 48.4 145.0



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: 18.746 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002430.D

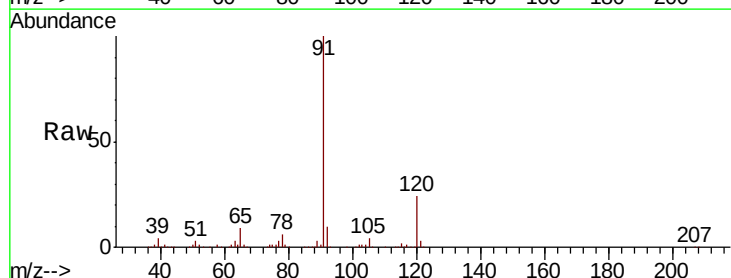
Acq: 21 Apr 2020 14:12

Tgt Ion: 91 Resp: 273563

Ion Ratio Lower Upper

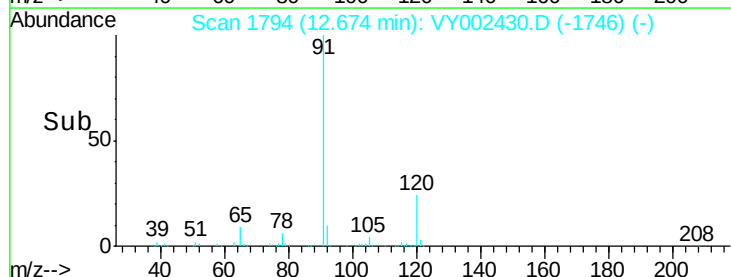
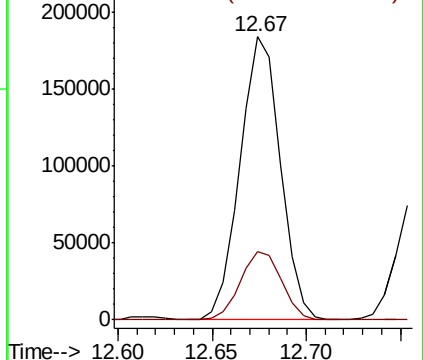
91 100

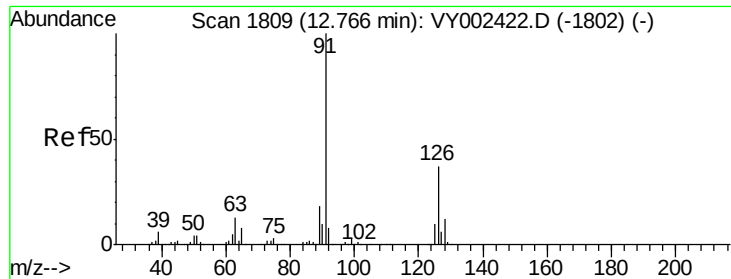
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

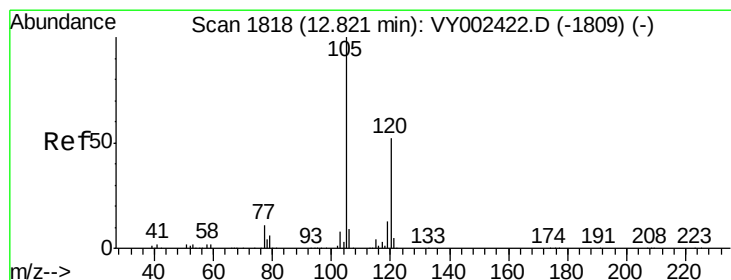
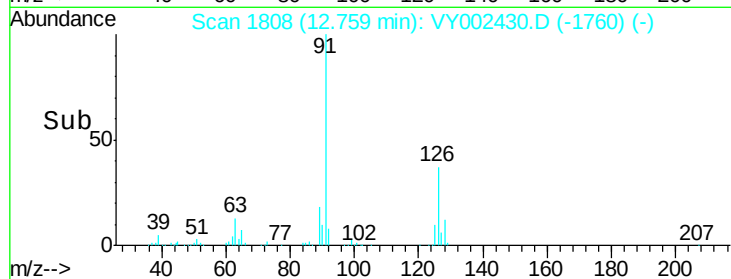
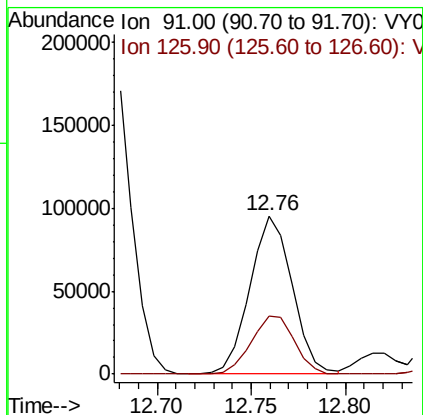
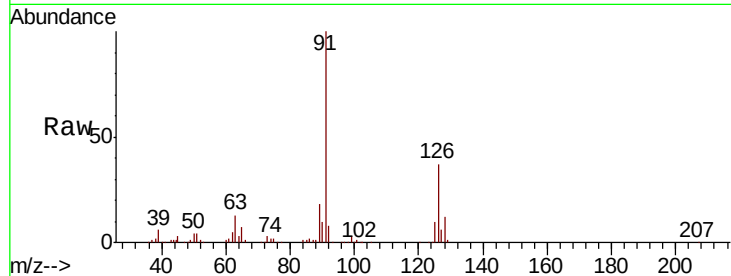




#79
 2-Chlorotoluene
 Concen: 18.545 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

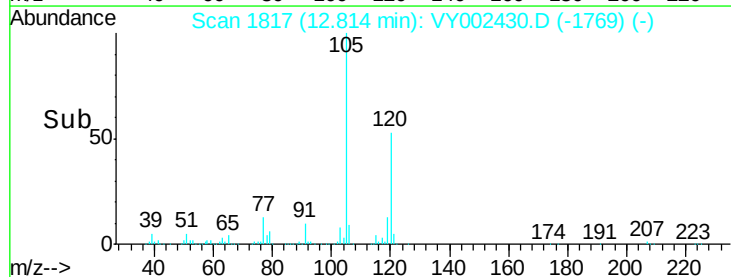
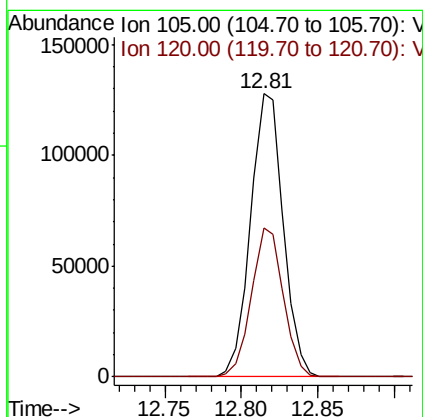
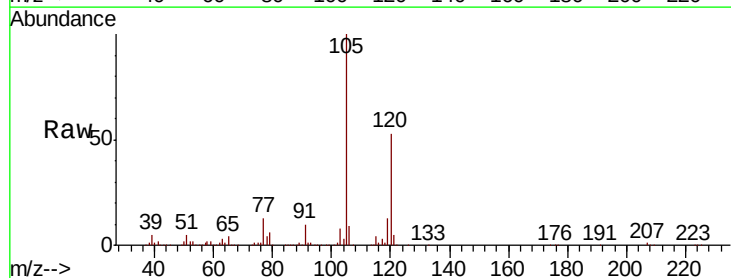
Instrument :
 MSVOA_Y
 ClientSampleId :

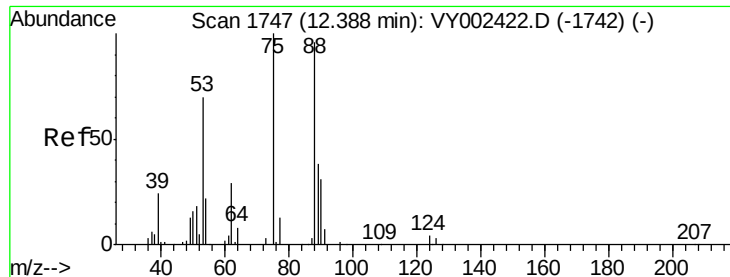
Tot Ion: 91 Resp: 147759
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.8 56.4



#80
 1,3,5-Trimethylbenzene
 Concen: 18.651 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion: 105 Resp: 189994
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.582 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

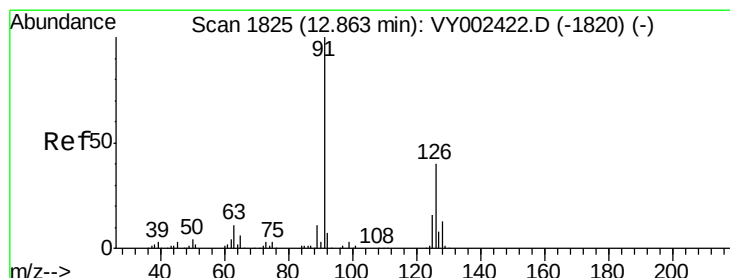
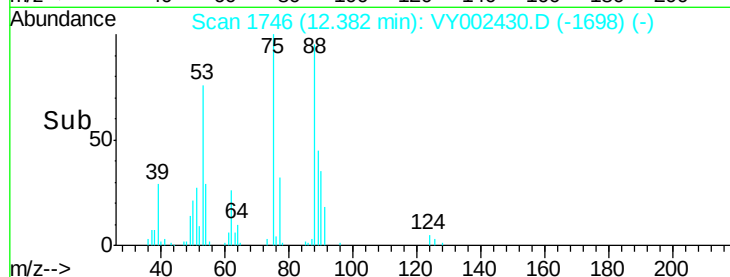
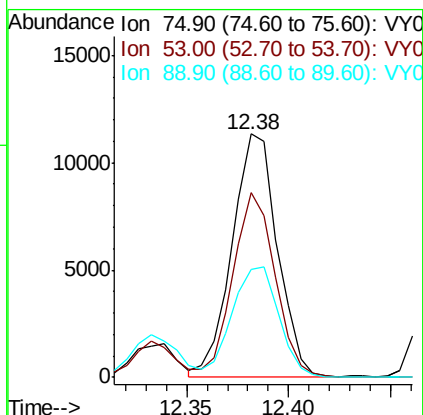
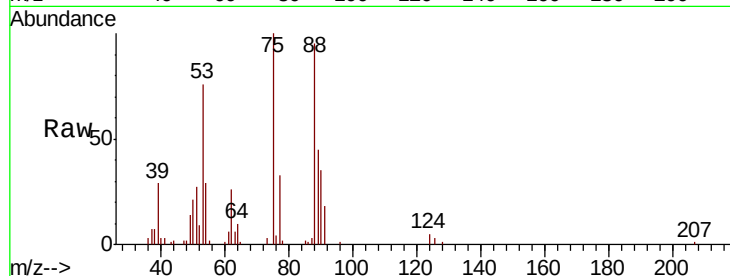
Tot Ion: 75 Resp: 17514

Ion Ratio Lower Upper

75 100

53 71.1 58.7 88.1

89 46.9 37.9 56.9



#82

4-Chlorotoluene

Concen: 18.298 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002430.D

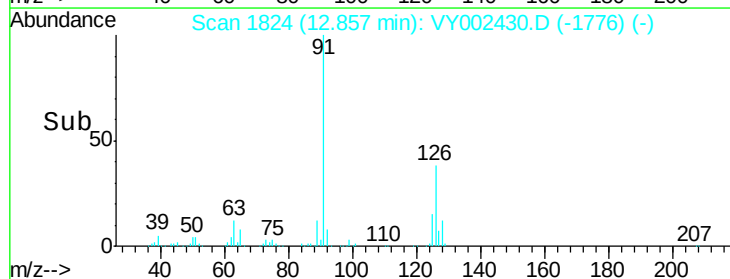
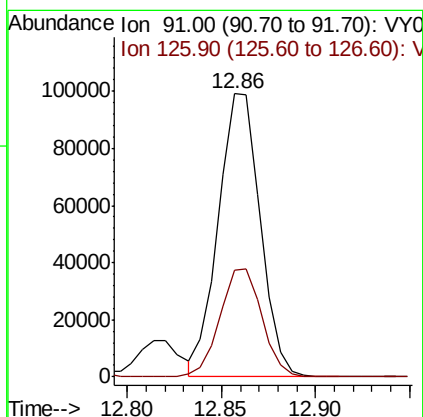
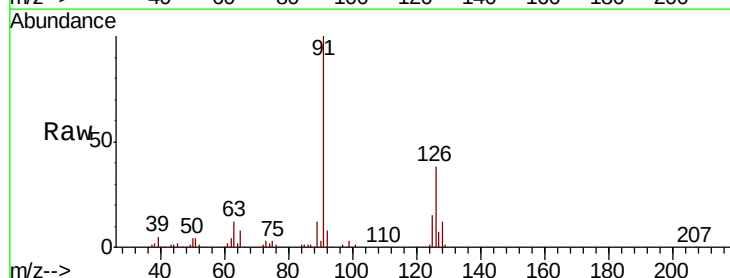
Acq: 21 Apr 2020 14:12

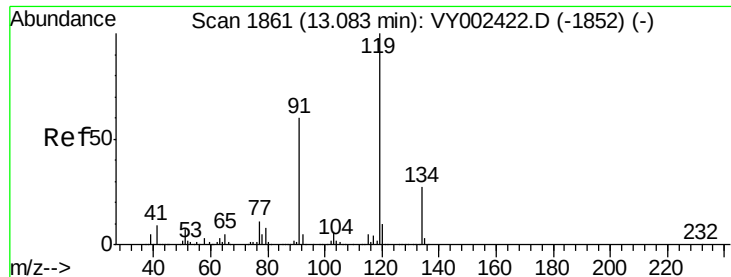
Tgt Ion: 91 Resp: 153236

Ion Ratio Lower Upper

91 100

126 38.2 0.0 0.0#





#83

tert-Butylbenzene

Concen: 19.263 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

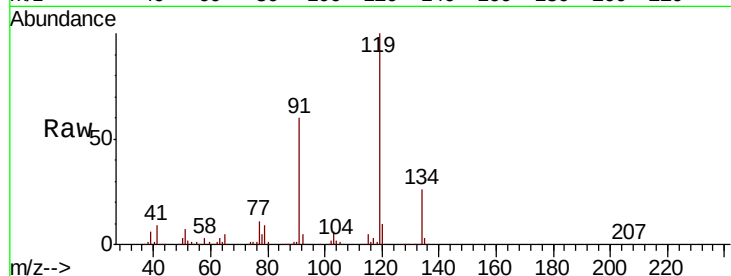
Tot Ion:119 Resp: 170352

Ion Ratio Lower Upper

119 100

91 59.1 30.2 90.6

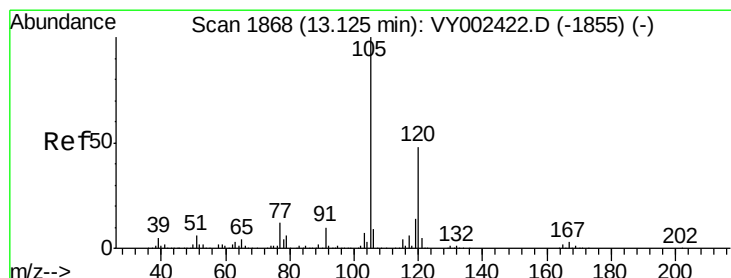
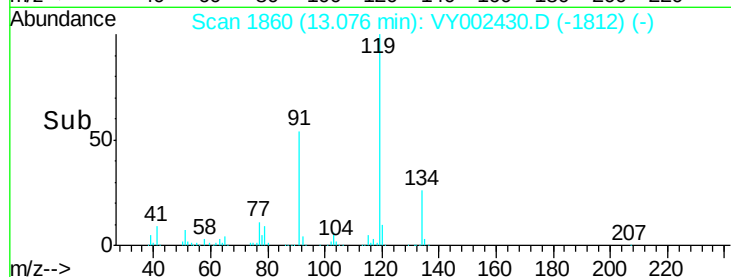
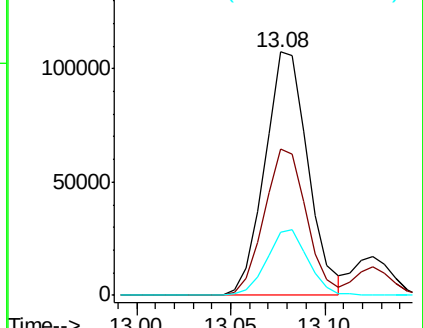
134 26.2 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.516 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002430.D

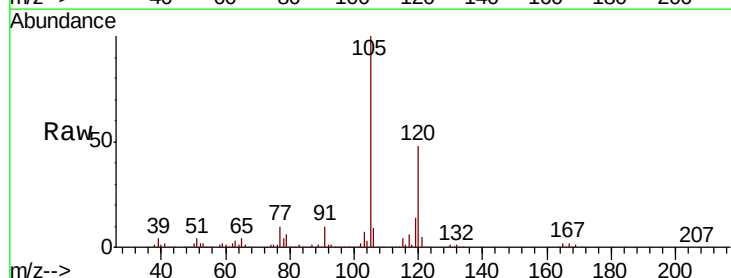
Acq: 21 Apr 2020 14:12

Tgt Ion:105 Resp: 178746

Ion Ratio Lower Upper

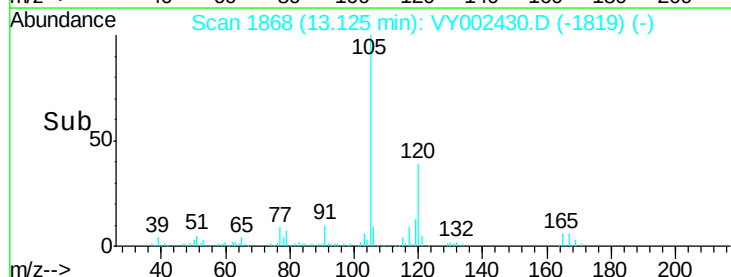
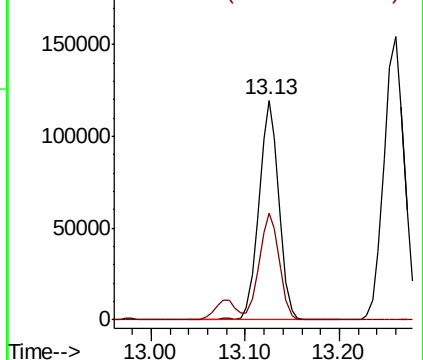
105 100

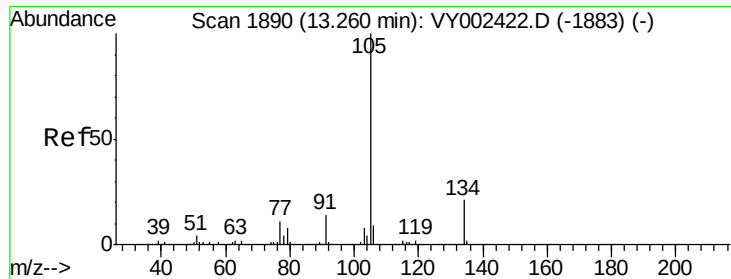
120 48.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.449 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

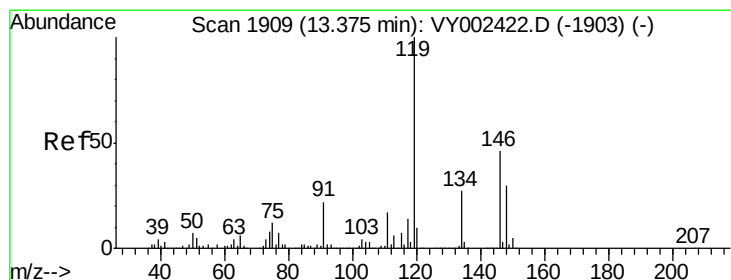
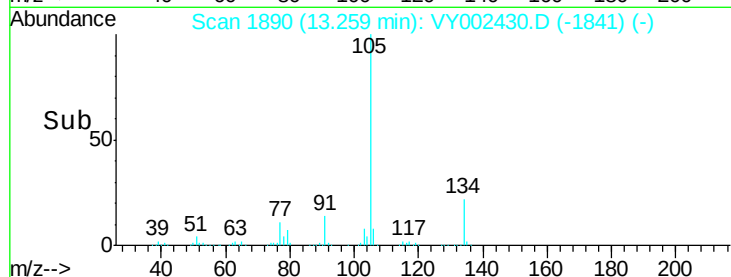
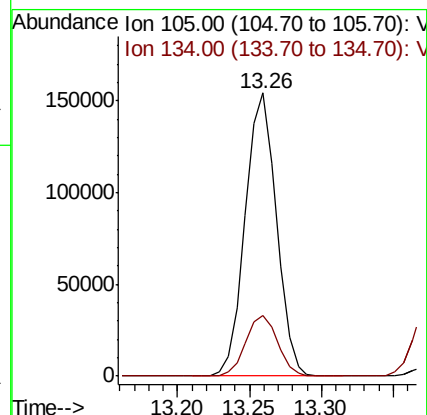
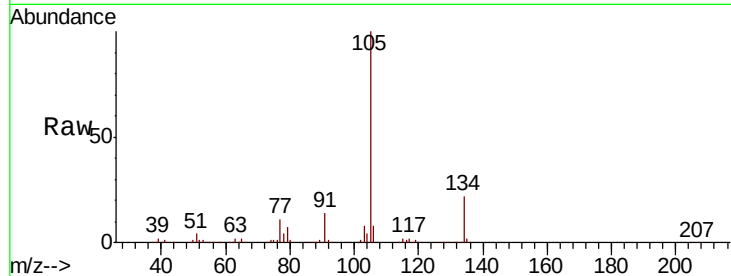
ClientSampleId :

Tot Ion:105 Resp: 232143

Ion Ratio Lower Upper

105 100

134 21.9 10.5 31.6



#86

p-Isopropyltoluene

Concen: 19.159 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

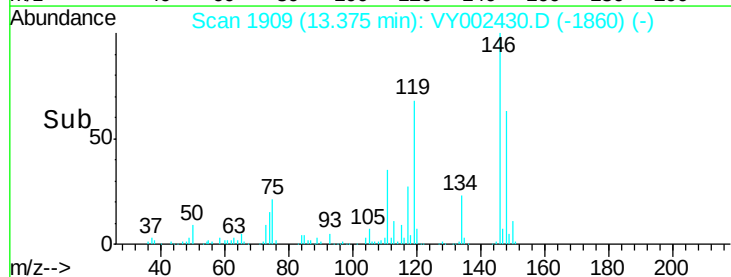
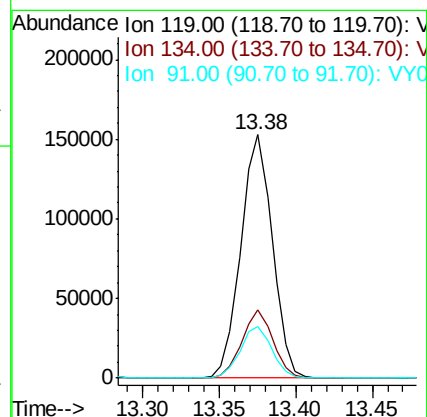
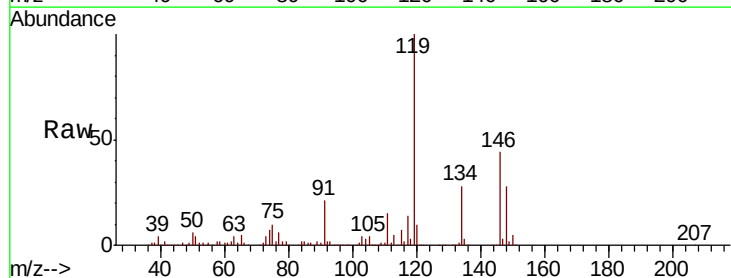
Tgt Ion:119 Resp: 218650

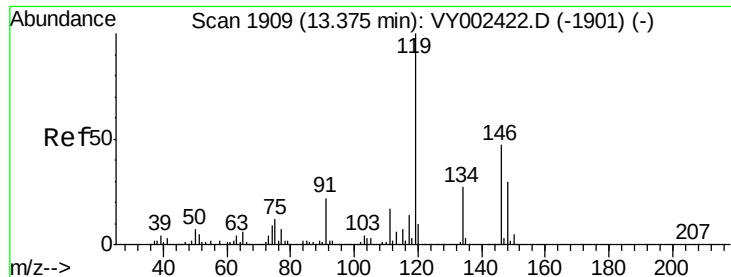
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 21.4 10.7 32.1

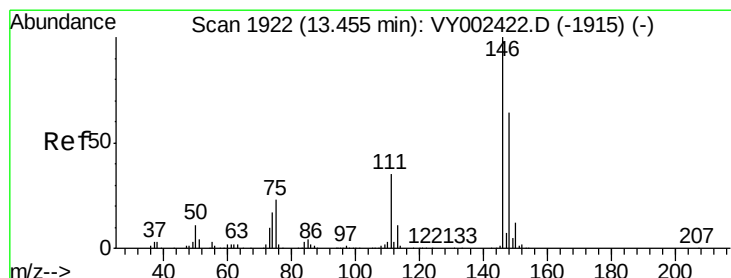
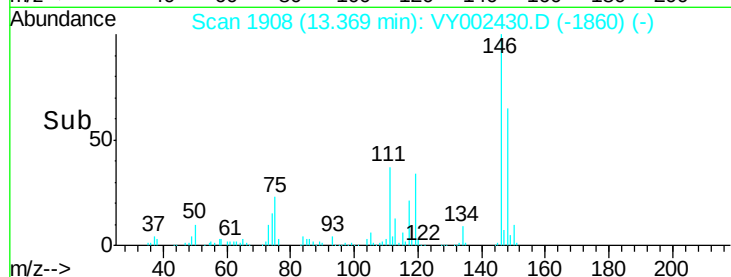
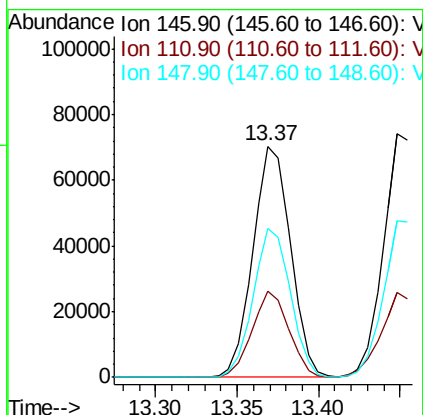
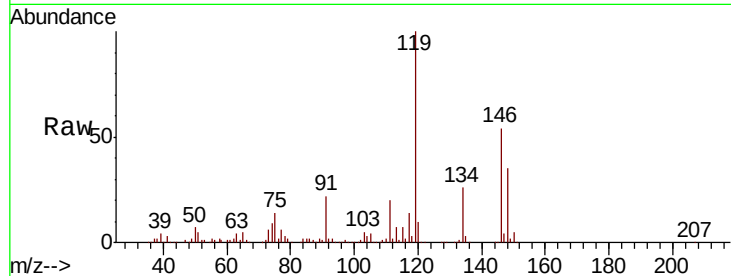




#87
 1,3-Dichlorobenzene
 Concen: 19.484 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

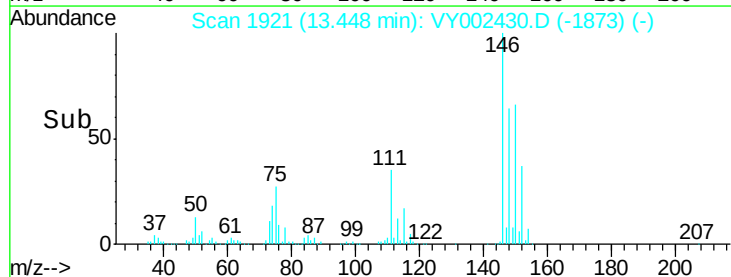
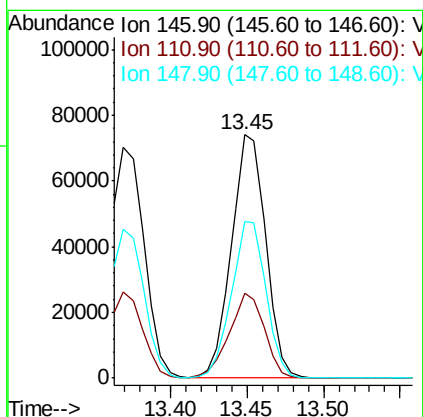
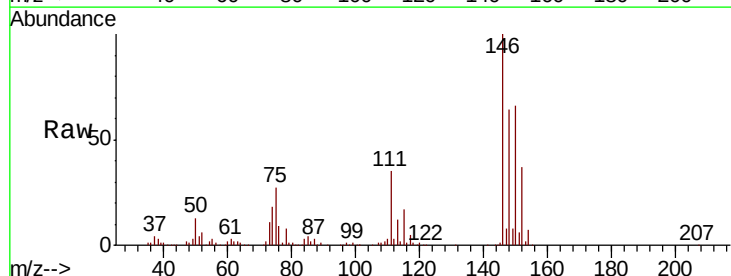
Instrument :
 MSVOA_Y
 ClientSampleId :

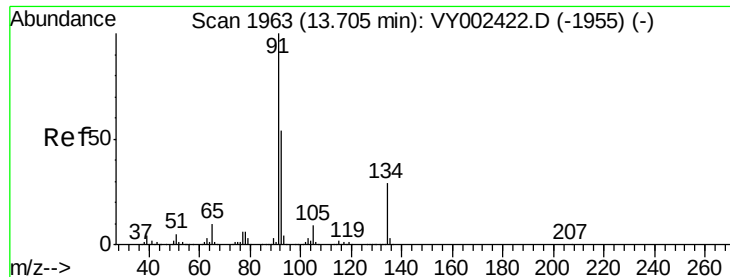
Tot Ion:146 Resp: 112802
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.8
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.613 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion:146 Resp: 114926
 Ion Ratio Lower Upper
 146 100
 111 36.1 17.9 53.8
 148 64.6 32.1 96.3





#89

n-Butylbenzene

Concen: 20.310 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

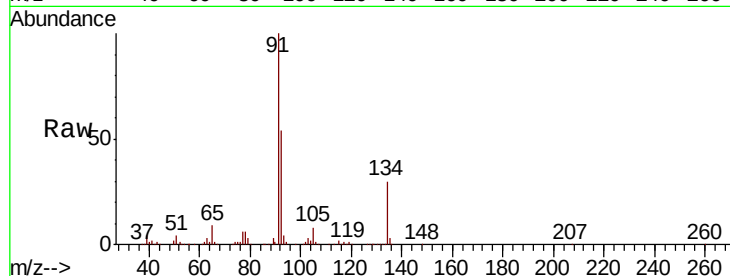
Tot Ion: 91 Resp: 216102

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.4

134 28.9 14.4 43.2



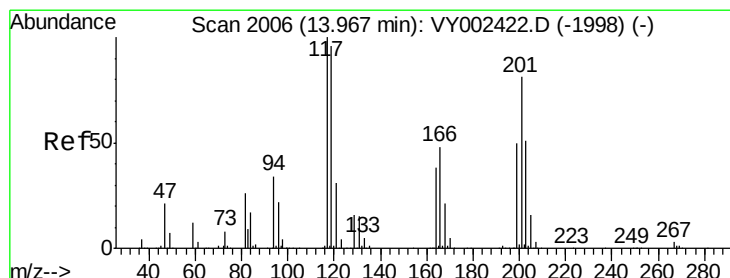
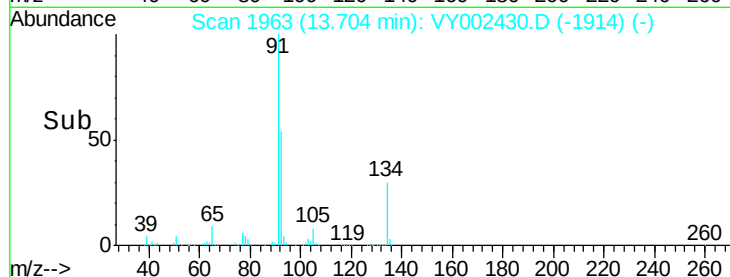
Abundance Ion 91.00 (90.70 to 91.70): VY002422.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002422.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002422.D (-1955) (-)

13.70

Time-->



#90

Hexachloroethane

Concen: 19.750 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002430.D

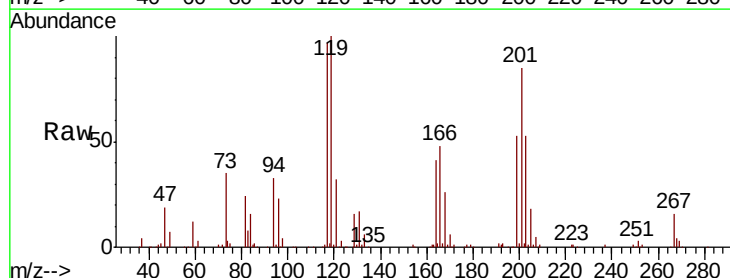
Acq: 21 Apr 2020 14:12

Tgt Ion: 117 Resp: 42258

Ion Ratio Lower Upper

117 100

201 87.1 42.5 127.5

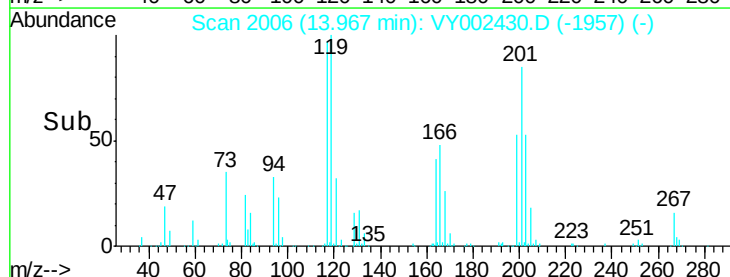


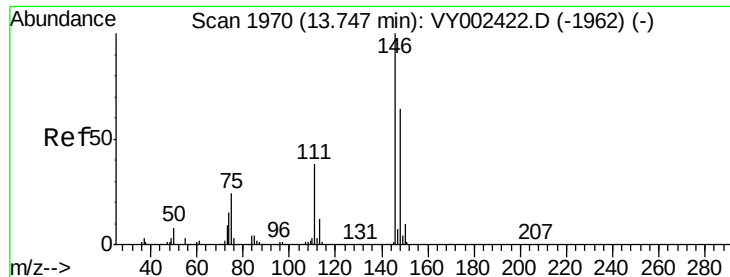
Abundance Ion 116.80 (116.50 to 117.50): VY002422.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002422.D (-1998) (-)

13.97

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.807 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

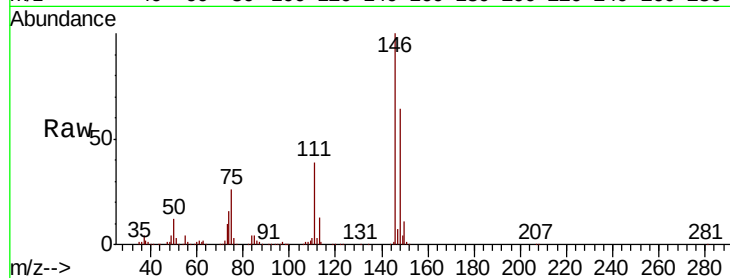
Tot Ion:146 Resp: 110268

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.5

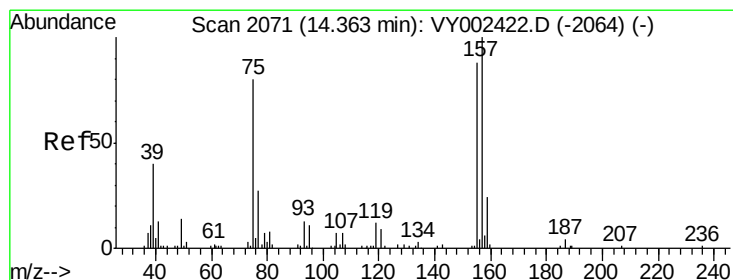
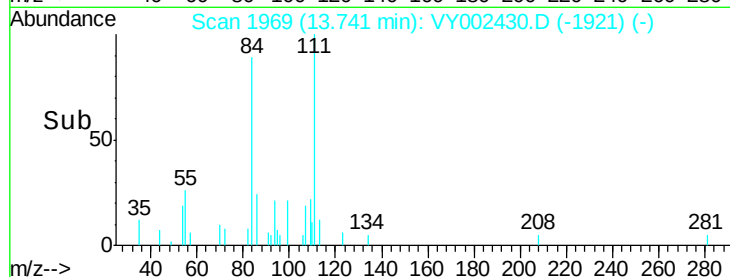
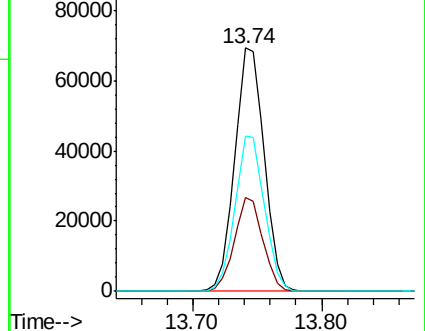
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.851 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

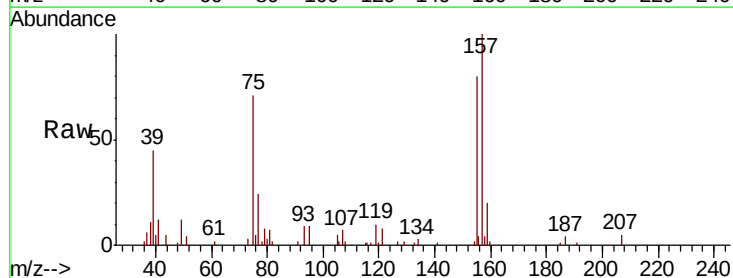
Tgt Ion: 75 Resp: 7239

Ion Ratio Lower Upper

75 100

155 110.1 56.1 168.3

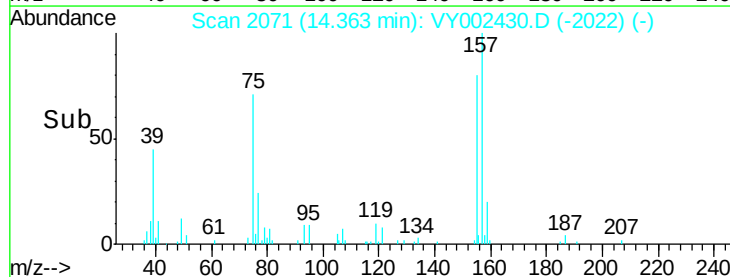
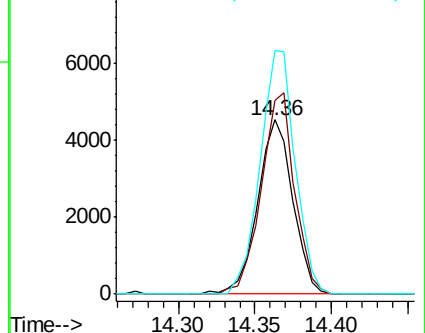
157 140.0 71.5 214.5

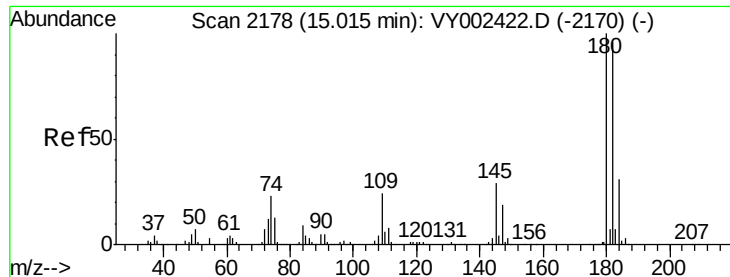


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

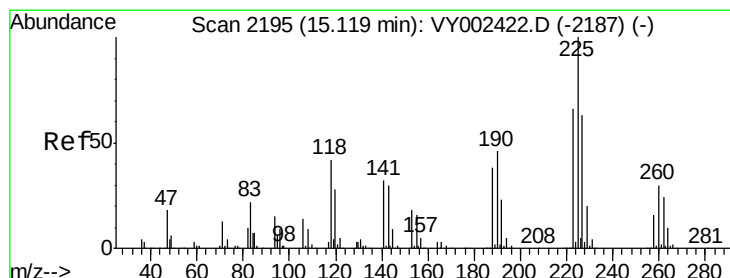
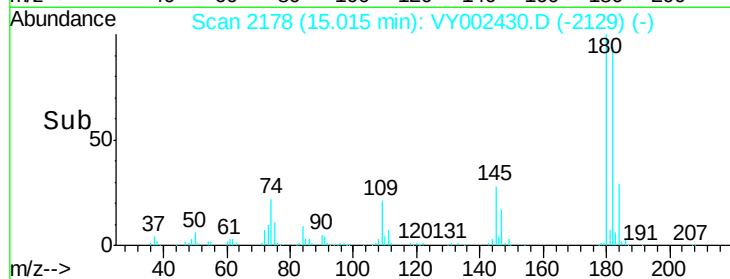
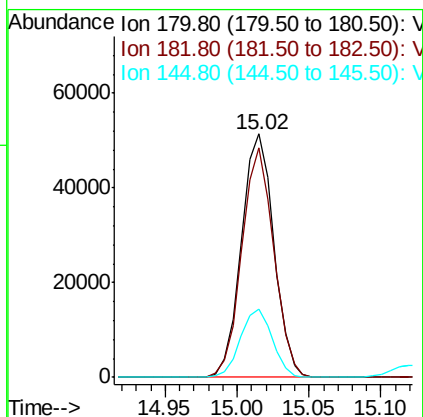
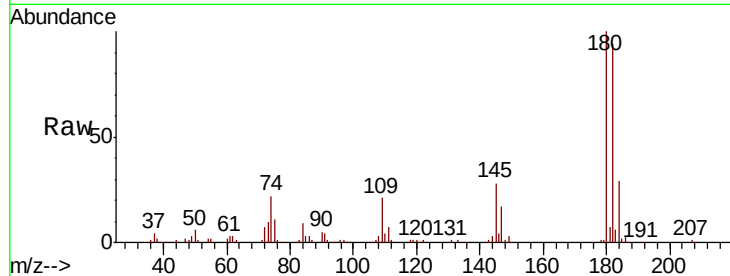




#93
 1,2,4-Trichlorobenzene
 Concen: 21.073 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

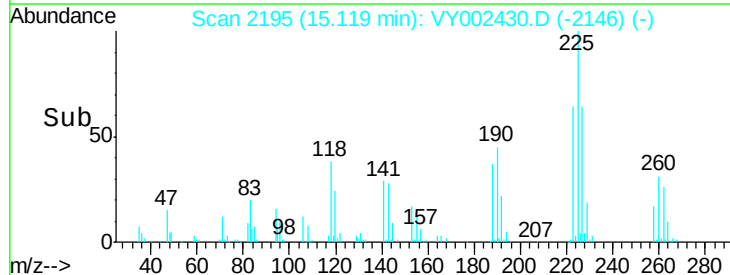
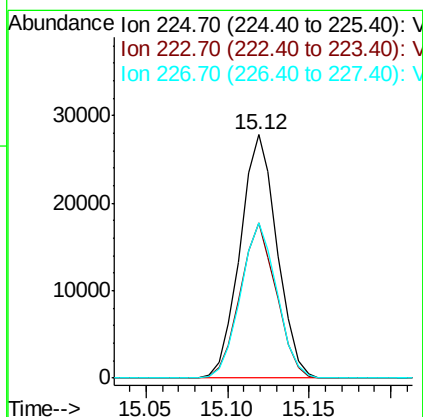
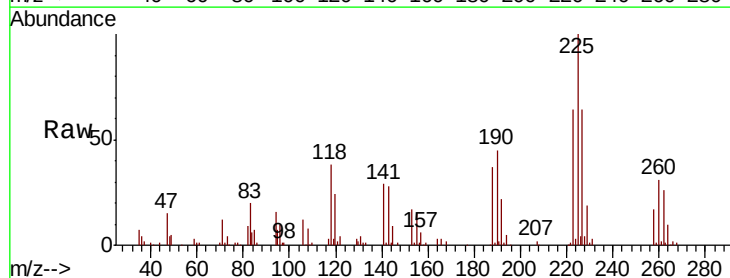
Instrument :
 MSVOA_Y
 ClientSampleId :

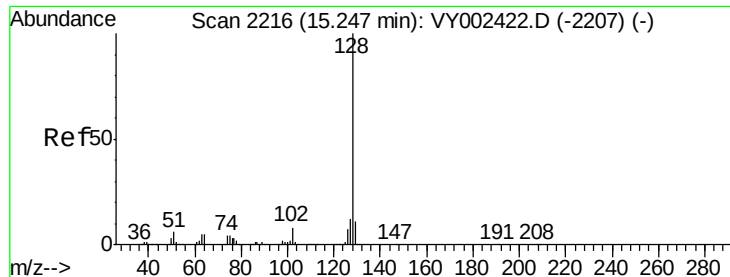
Tot Ion:180 Resp: 79998
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.8 143.3
 145 27.8 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 21.004 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion:225 Resp: 43725
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.0 96.0
 227 62.8 31.6 95.0

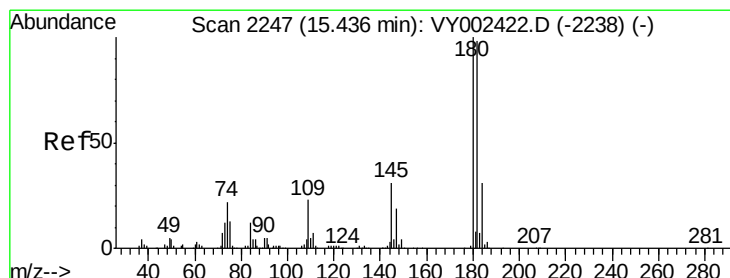
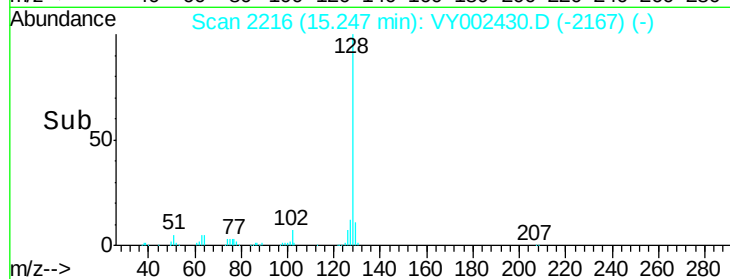
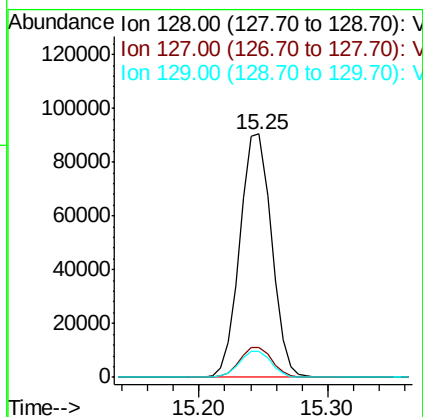
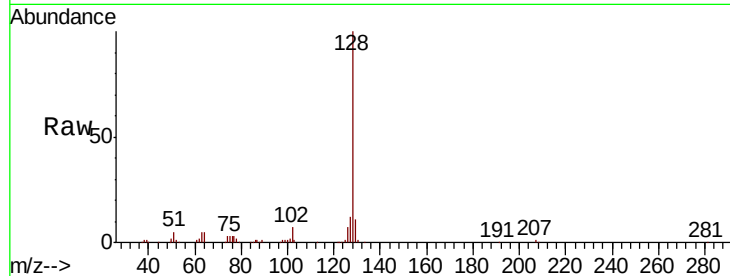




#95
Naphthalene
Concen: 20.950 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 154172
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 20.345 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion:180 Resp: 67044
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 30.6 14.8 44.4

