

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001636.D
 Acq On : 17 Feb 2020 10:24
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 12:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 11:55:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	204042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	361257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	324648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	151891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	20494	9.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.70%	
35) Dibromofluoromethane	7.74	113	20501	9.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.76%	
50) Toluene-d8	10.19	98	69849	8.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.68%	
62) 4-Bromofluorobenzene	12.49	95	30578	9.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.64%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.91	85	18598	9.251	ug/l	99
3) Chloromethane	2.13	50	27222	12.414	ug/l	100
4) Vinyl Chloride	2.26	62	27239	12.054	ug/l	96
5) Bromomethane	2.66	94	18146	12.817	ug/l	100
6) Chloroethane	2.81	64	17006	12.479	ug/l	96
7) Trichlorofluoromethane	3.15	101	35662	10.011	ug/l	94
8) Diethyl Ether	3.55	74	13787	11.156	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	21761	10.087	ug/l	98
10) Methyl Iodide	4.12	142	25493	9.289	ug/l	99
11) Tert butyl alcohol	4.99	59	17645	54.785	ug/l	97
12) 1,1-Dichloroethene	3.90	96	23133	10.771	ug/l	93
13) Acrolein	3.76	56	11007	55.322	ug/l	99
14) Allyl chloride	4.51	41	40585	11.960	ug/l	98
15) Acrylonitrile	5.19	53	35202	60.249	ug/l	100
16) Acetone	3.97	43	34075	52.981	ug/l	95
17) Carbon Disulfide	4.22	76	74466	10.780	ug/l	97
18) Methyl Acetate	4.51	43	16719	12.437	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	62078	10.707	ug/l	95
20) Methylene Chloride	4.75	84	28750	10.736	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	25478	10.607	ug/l	96
22) Diisopropyl ether	6.15	45	82029	12.127	ug/l	93
23) Vinyl Acetate	6.09	43	266831	61.262	ug/l	100
24) 1,1-Dichloroethane	6.05	63	43754	11.001	ug/l	98
25) 2-Butanone	7.01	43	49503	59.278	ug/l	97
26) 2,2-Dichloropropane	7.00	77	38917	10.388	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	28549	10.858	ug/l	99
28) Bromochloromethane	7.36	49	17128	12.202	ug/l	100
29) Tetrahydrofuran	7.37	42	31203	62.948	ug/l	99
30) Chloroform	7.53	83	43763	10.973	ug/l	95
31) Cyclohexane	7.80	56	48111	11.777	ug/l #	93
32) 1,1,1-Trichloroethane	7.72	97	36044	10.084	ug/l	98
36) 1,1-Dichloropropene	7.94	75	35173	10.588	ug/l	98
37) Ethyl Acetate	7.10	43	21411	12.674	ug/l	97
38) Carbon Tetrachloride	7.93	117	30575	9.663	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	46813	10.716	ug/l	96
40) Benzene	8.18	78	103488	10.862	ug/l	99
41) Methacrylonitrile	7.37	41	28401	37.549	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	28369	10.672	ug/l	99
43) Isopropyl Acetate	8.29	43	40048	12.017	ug/l	99
44) Trichloroethene	8.96	130	26035	10.267	ug/l	94
45) 1,2-Dichloropropane	9.23	63	25423	10.969	ug/l	97
46) Dibromomethane	9.32	93	13615	10.550	ug/l	99
47) Bromodichloromethane	9.51	83	31971	10.216	ug/l	100
48) Methyl methacrylate	9.31	41	17604	11.665	ug/l	96
49) 1,4-Dioxane	9.31	88	3618	208.156	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	102664	61.854	ug/l	98
52) Toluene	10.25	92	64835	10.724	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	35206	10.232	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	40821	10.394	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	20232	10.855	ug/l	99
56) Ethyl methacrylate	10.52	69	28762	10.703	ug/l	97
57) 1,3-Dichloropropane	10.80	76	35652	10.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	75400	77.596	ug/l	100
59) 2-Hexanone	10.84	43	73992	60.396	ug/l	100
60) Dibromochloromethane	10.99	129	21574	9.930	ug/l	97
61) 1,2-Dibromoethane	11.10	107	18644	10.214	ug/l	99
64) Tetrachloroethene	10.73	164	21488	10.218	ug/l	97
65) Chlorobenzene	11.52	112	66760	10.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	23030	10.378	ug/l	100
67) Ethyl Benzene	11.60	91	123013	10.429	ug/l	99
68) m/p-Xylenes	11.71	106	93215	21.040	ug/l	97
69) o-Xylene	12.03	106	43490	10.402	ug/l	98
70) Styrene	12.05	104	74862	10.328	ug/l	99
71) Bromoform	12.22	173	12177	9.737	ug/l #	100
73) Isopropylbenzene	12.34	105	117751	10.221	ug/l	99
74) N-amyl acetate	12.15	43	37029	11.766	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	24678	10.906	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	32590	20.017	ug/l #	100
77) Bromobenzene	12.61	156	25787	10.345	ug/l	99
78) n-propylbenzene	12.68	91	143029	10.308	ug/l	100
79) 2-Chlorotoluene	12.76	91	80041	10.166	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	97987	10.096	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	8474	9.747	ug/l	88
82) 4-Chlorotoluene	12.86	91	83255	10.030	ug/l	97
83) tert-Butylbenzene	13.08	119	82453	10.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	97170	10.102	ug/l	99
85) sec-Butylbenzene	13.26	105	119036	10.282	ug/l	100
86) p-Isopropyltoluene	13.38	119	107752	10.569	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	51671	10.744	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	51034	10.598	ug/l	99
89) n-Butylbenzene	13.70	91	105687	10.442	ug/l	99
90) Hexachloroethane	13.97	117	19334	9.898	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	46262	10.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	3993	9.714	ug/l	98

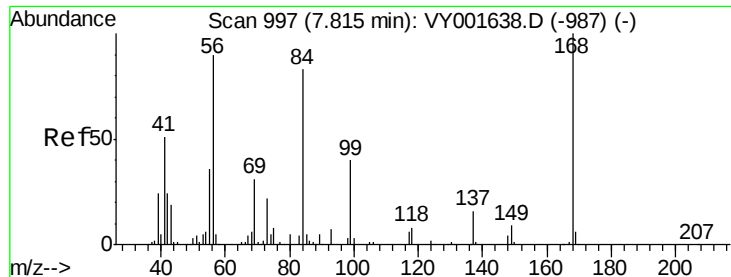
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	31186	10.599	ug/l	99
94) Hexachlorobutadiene	15.12	225	15877	10.744	ug/l	98
95) Naphthalene	15.24	128	68254	9.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	27085	10.400	ug/l	97

(#) = 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. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

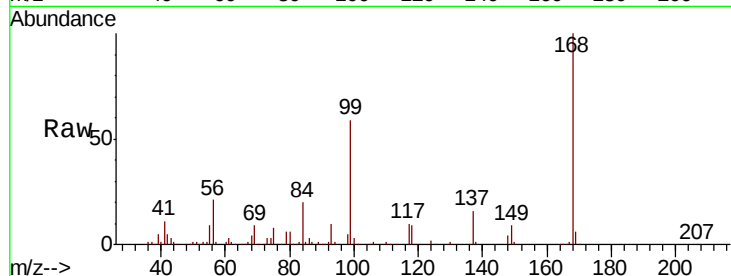
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 204042

Ion Ratio Lower Upper

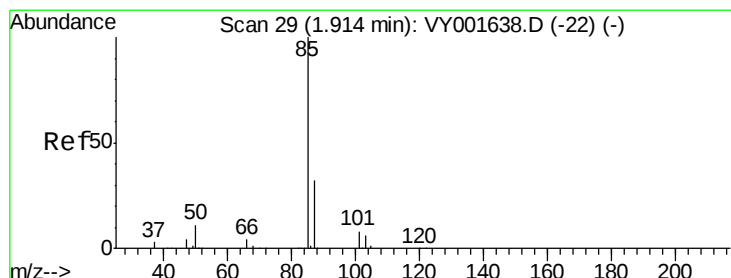
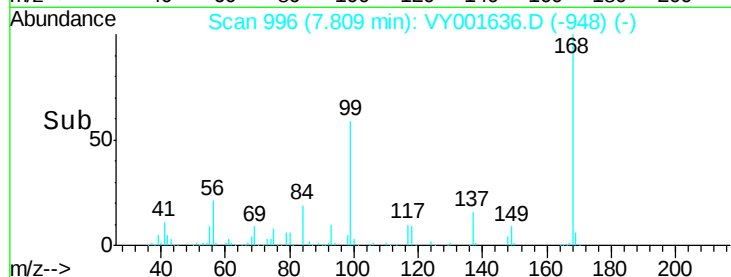
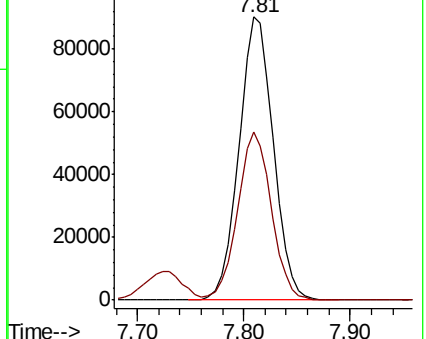
168 100

99 59.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY001636.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001636.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 9.251 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001636.D

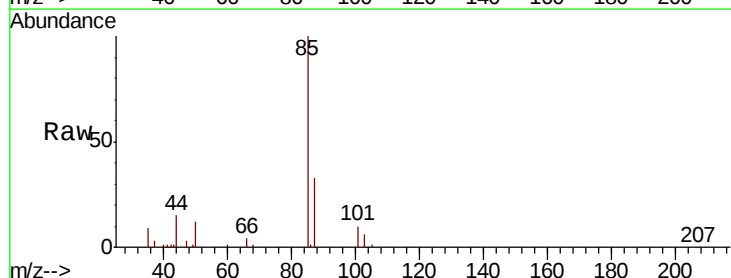
Acq: 17 Feb 2020 10:24

Tgt Ion: 85 Resp: 18598

Ion Ratio Lower Upper

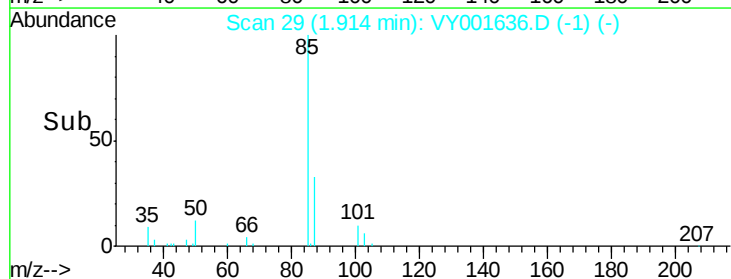
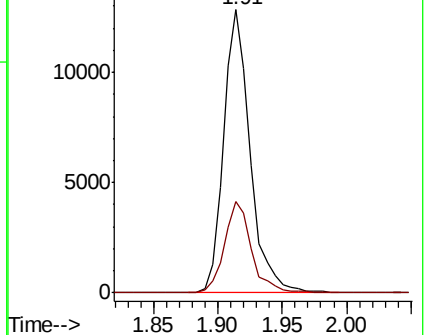
85 100

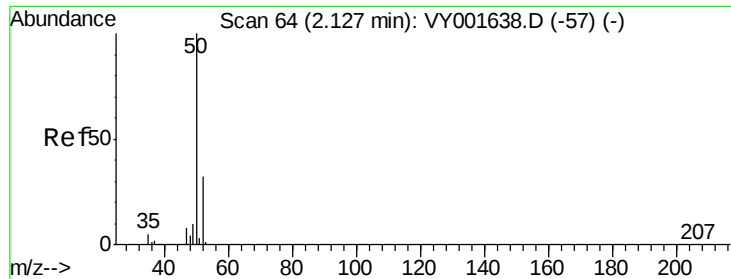
87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VY001636.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001636.D (-1) (-)





#3

Chloromethane

Concen: 12.414 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

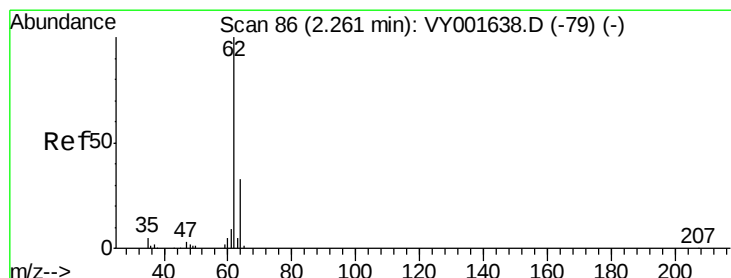
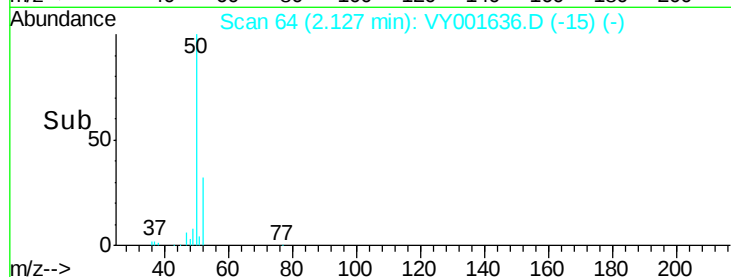
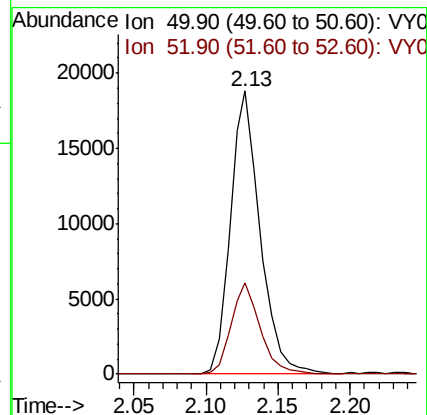
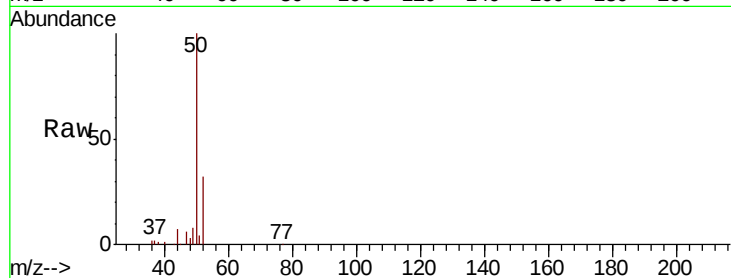
ClientSampleId :

Tot Ion: 50 Resp: 27222

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 12.054 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001636.D

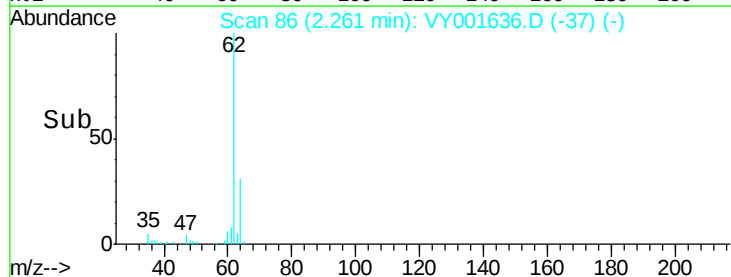
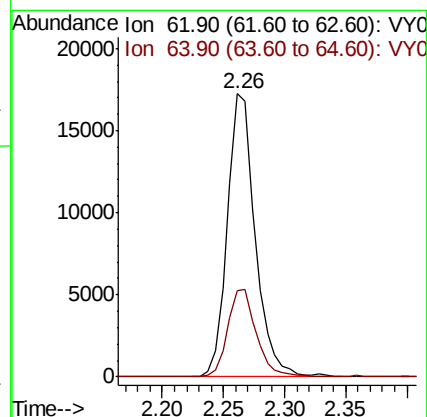
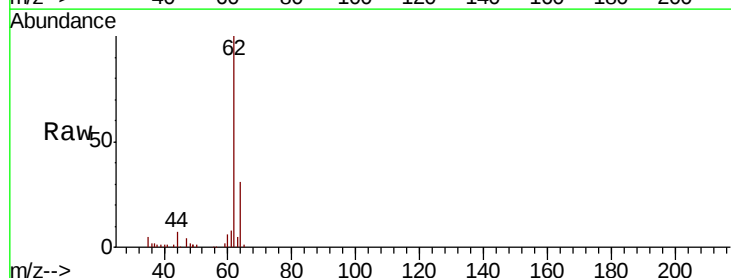
Acq: 17 Feb 2020 10:24

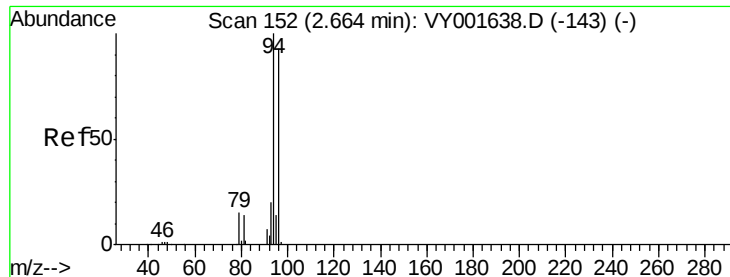
Tgt Ion: 62 Resp: 27239

Ion Ratio Lower Upper

62 100

64 30.5 26.3 39.5





#5

Bromomethane

Concen: 12.817 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

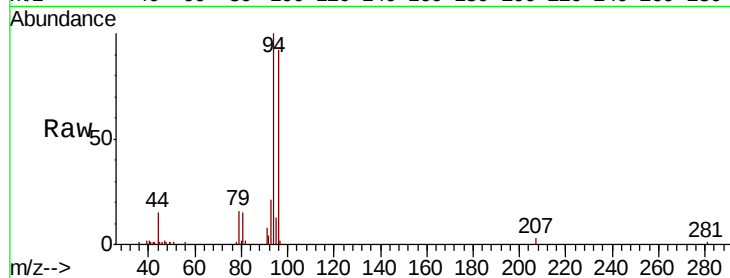
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 18146

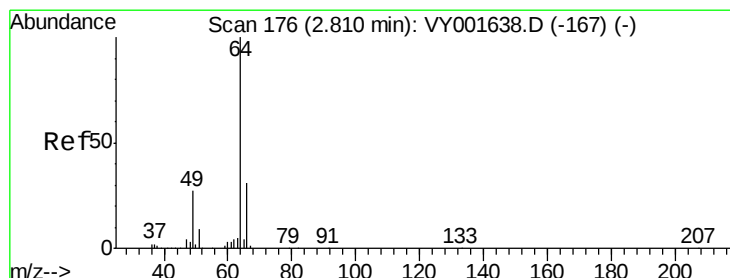
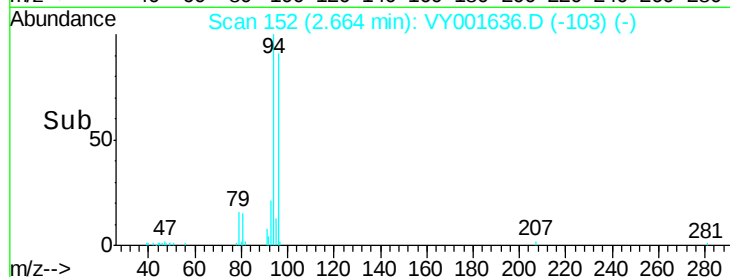
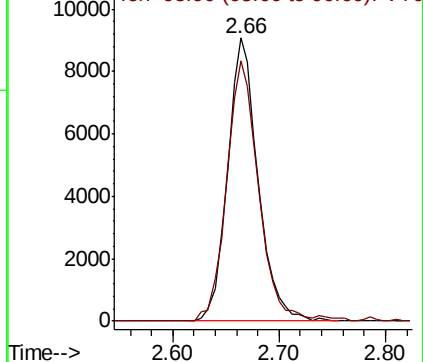
Ion Ratio Lower Upper

94 100

96 92.2 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 12.479 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001636.D

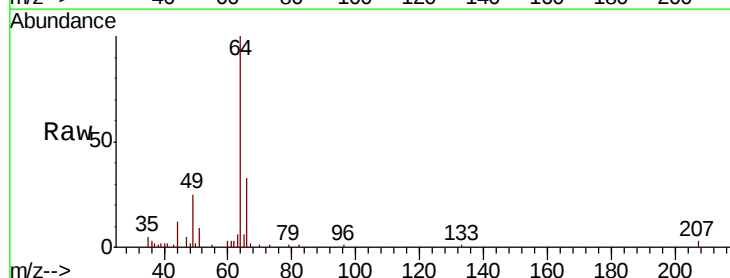
Acq: 17 Feb 2020 10:24

Tgt Ion: 64 Resp: 17006

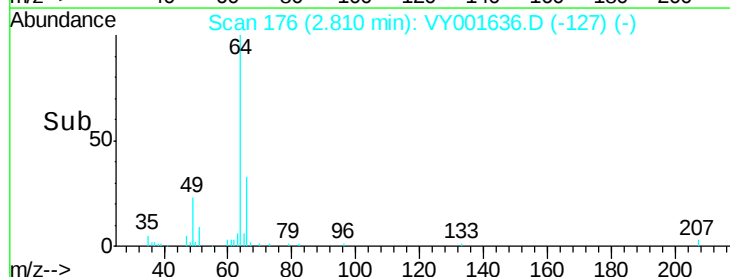
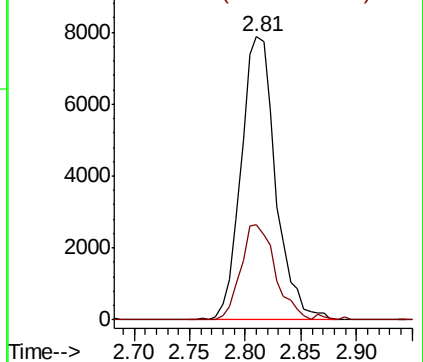
Ion Ratio Lower Upper

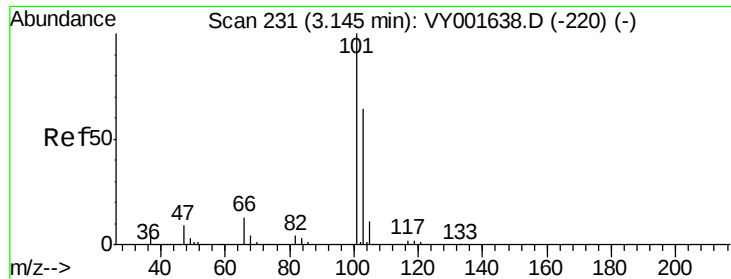
64 100

66 33.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



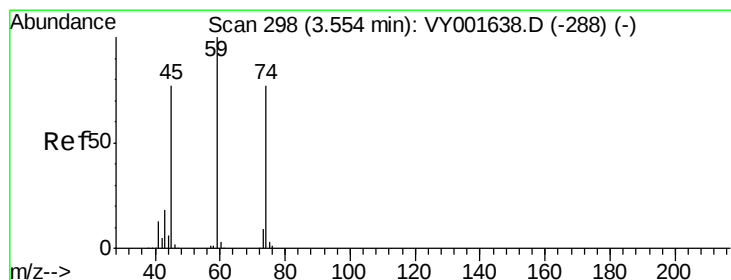
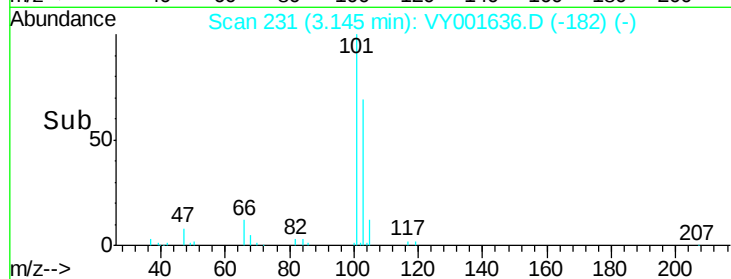
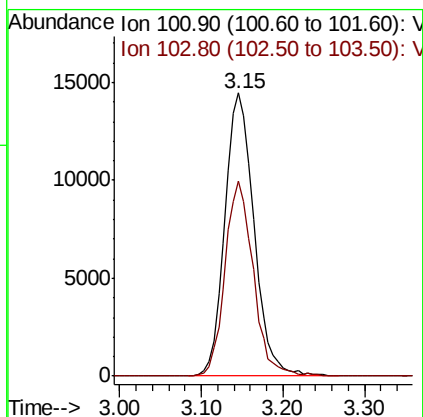
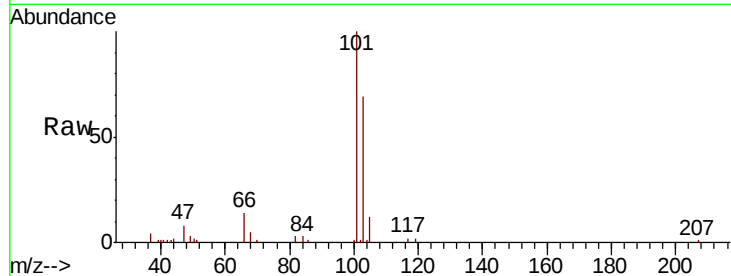


#7

Trichlorofluoromethane
 Concen: 10.011 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

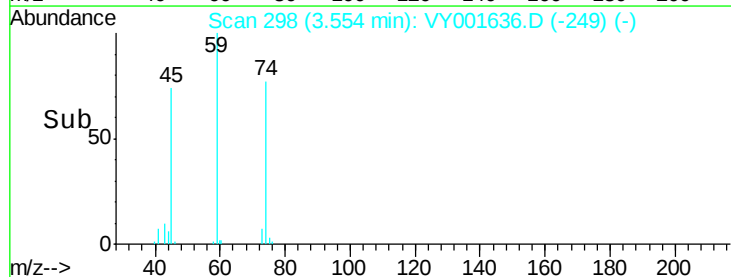
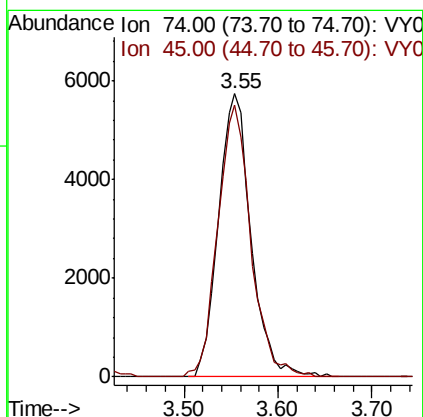
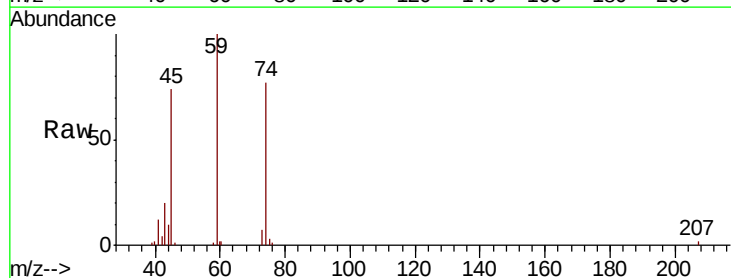
Tot Ion:101 Resp: 35662
 Ion Ratio Lower Upper
 101 100
 103 69.0 51.6 77.4

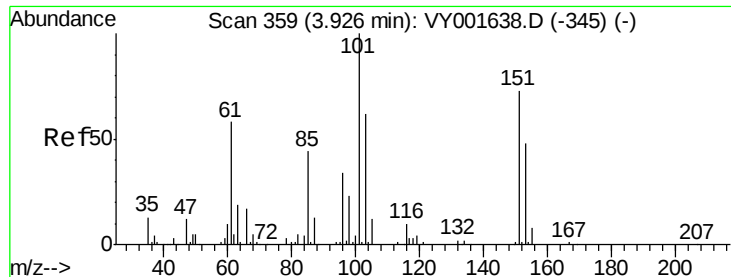


#8

Diethyl Ether
 Concen: 11.156 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion: 74 Resp: 13787
 Ion Ratio Lower Upper
 74 100
 45 97.2 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.087 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

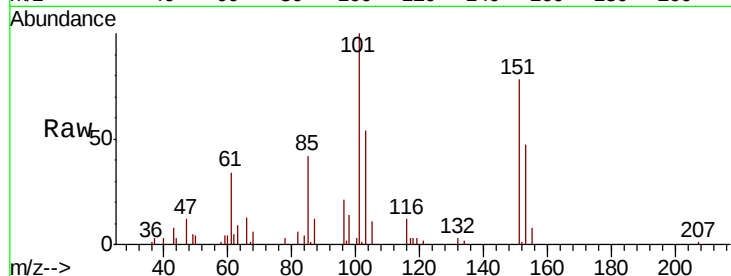
Tot Ion:101 Resp: 21761

Ion Ratio Lower Upper

101 100

85 45.2 34.6 52.0

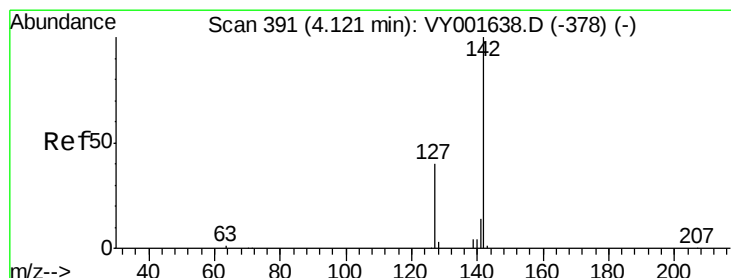
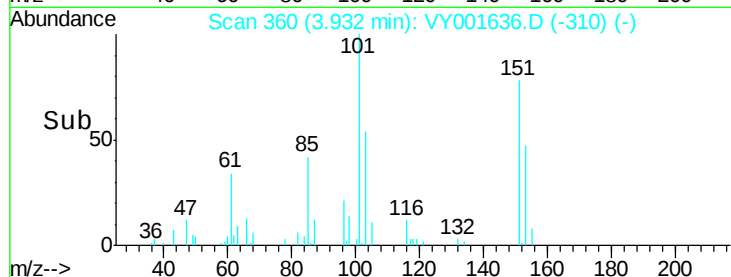
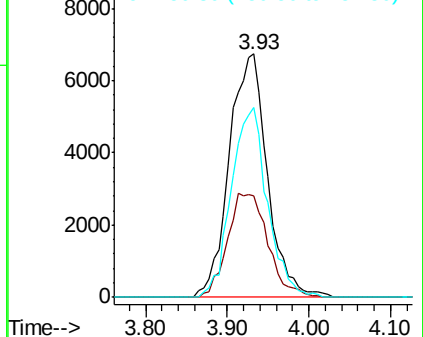
151 74.0 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.289 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

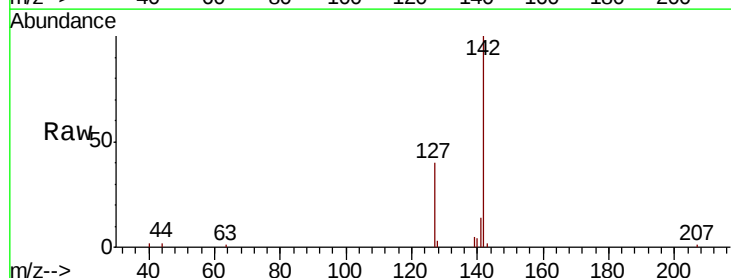
Tgt Ion:142 Resp: 25493

Ion Ratio Lower Upper

142 100

127 39.0 31.8 47.8

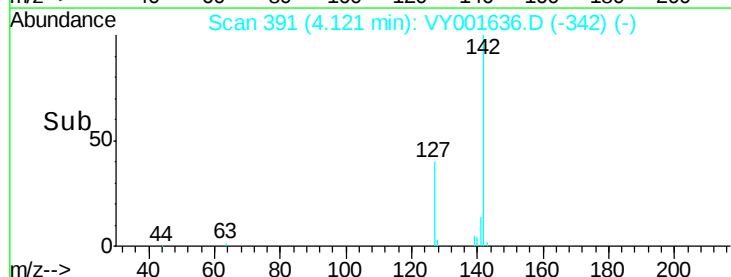
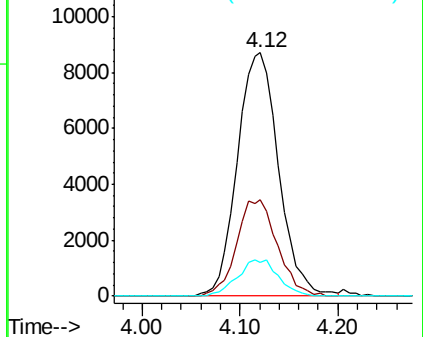
141 14.6 11.3 16.9

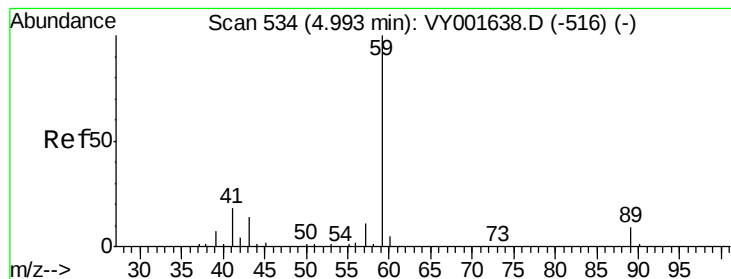


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 54.785 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

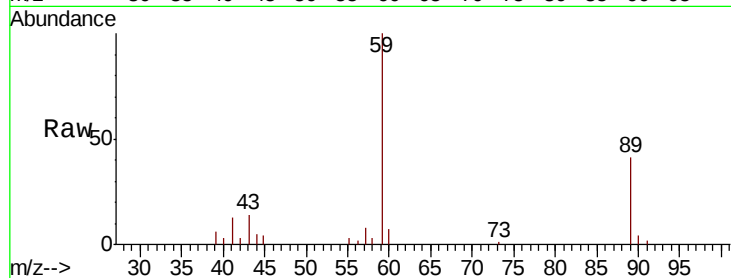
ClientSampleId :

Tot Ion: 59 Resp: 17645

Ion Ratio Lower Upper

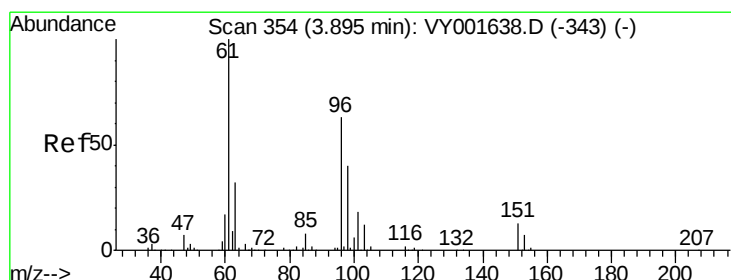
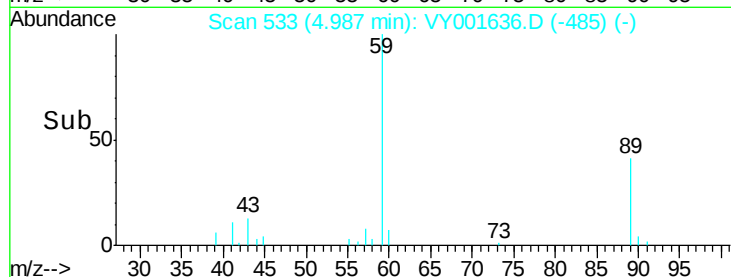
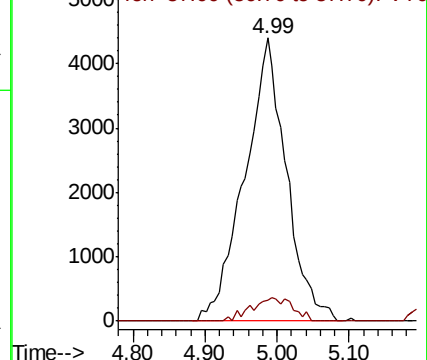
59 100

57 8.2 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 10.771 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

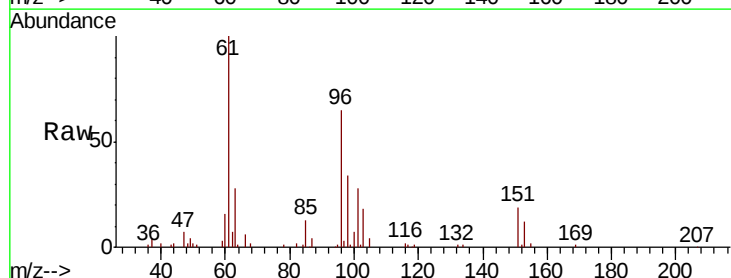
Tgt Ion: 96 Resp: 23133

Ion Ratio Lower Upper

96 100

61 154.7 127.9 191.9

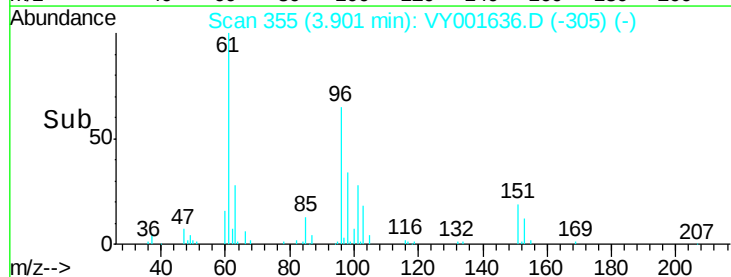
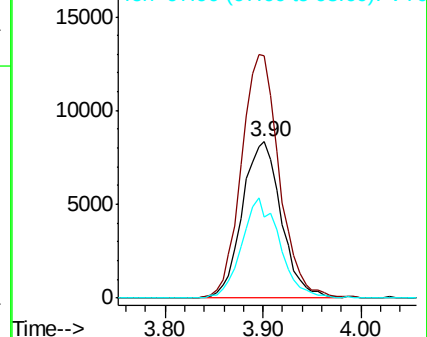
98 52.2 51.0 76.4

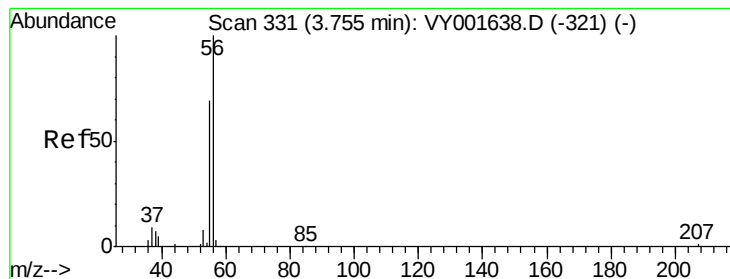


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 55.322 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

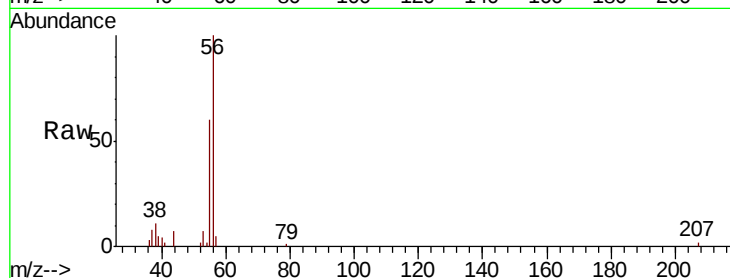
ClientSampleId :

Tot Ion: 56 Resp: 11007

Ion Ratio Lower Upper

56 100

55 69.6 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

4000

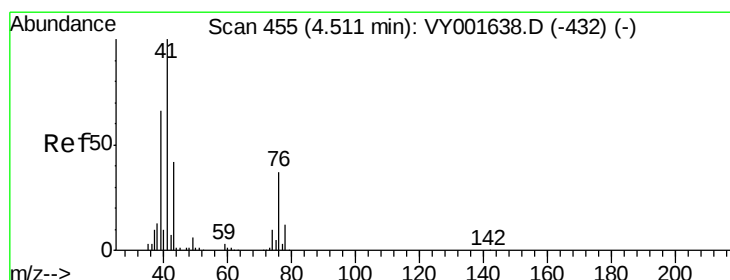
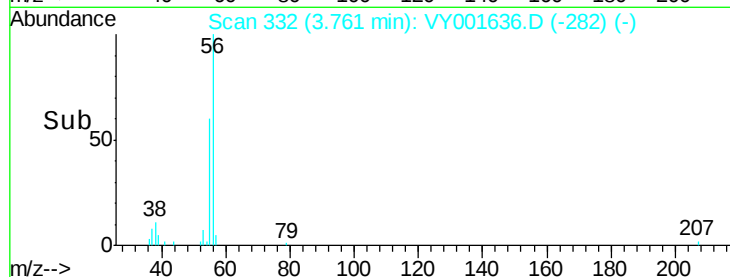
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 11.960 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

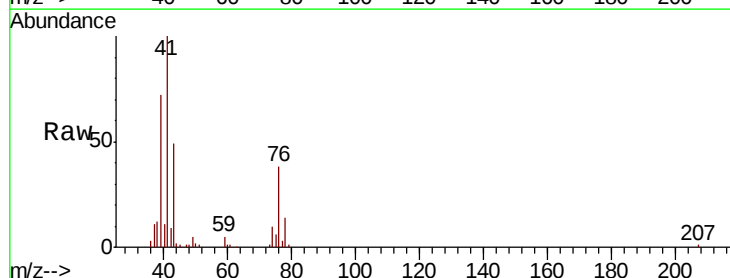
Tgt Ion: 41 Resp: 40585

Ion Ratio Lower Upper

41 100

39 66.1 51.0 76.4

76 35.6 28.2 42.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

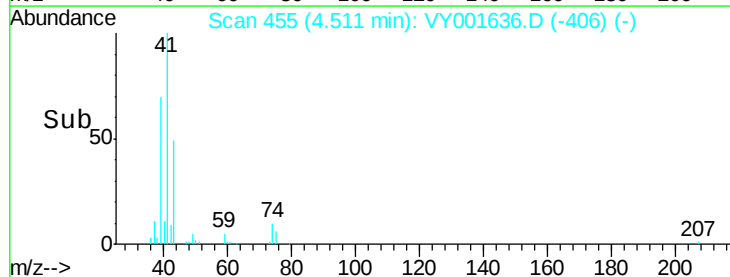
15000

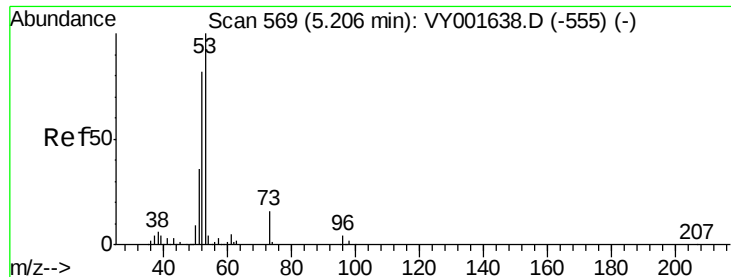
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 60.249 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampled :

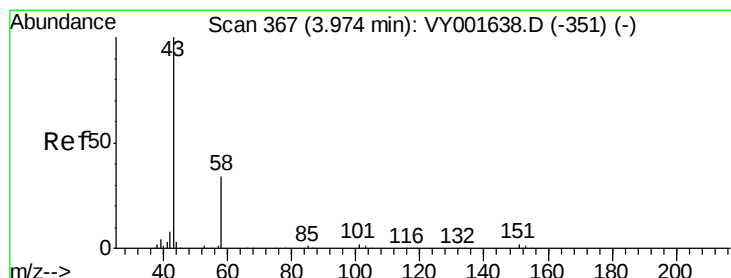
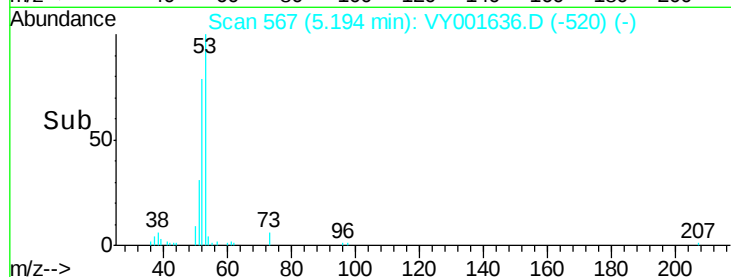
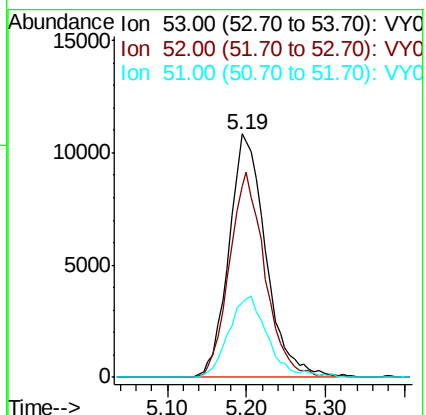
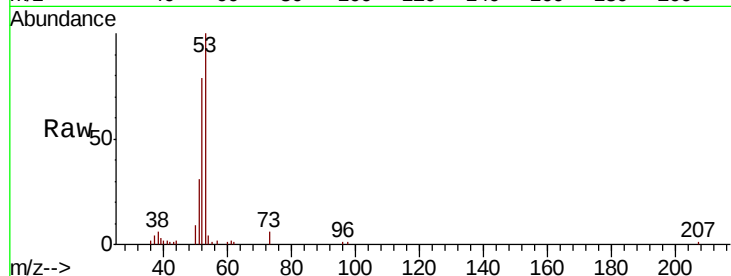
Tot Ion: 53 Resp: 35202

Ion Ratio Lower Upper

53 100

52 81.1 64.9 97.3

51 35.3 28.2 42.4



#16

Acetone

Concen: 52.981 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001636.D

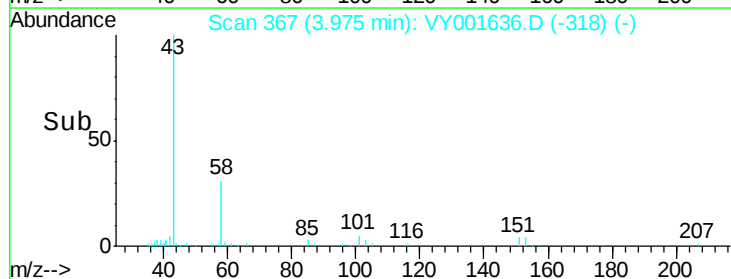
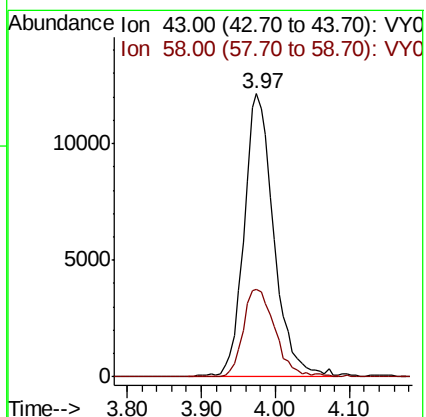
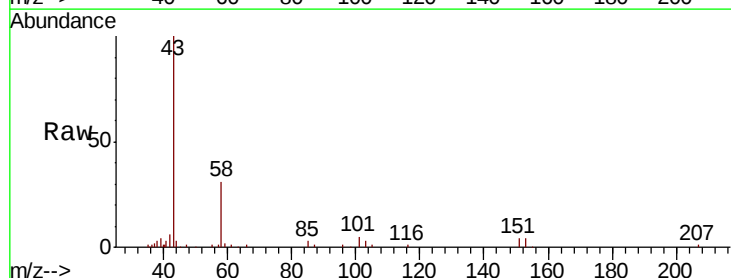
Acq: 17 Feb 2020 10:24

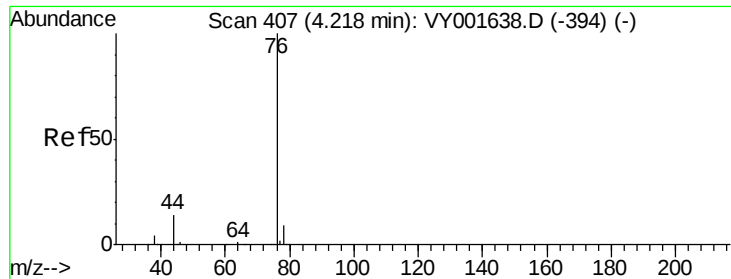
Tgt Ion: 43 Resp: 34075

Ion Ratio Lower Upper

43 100

58 30.8 27.0 40.4

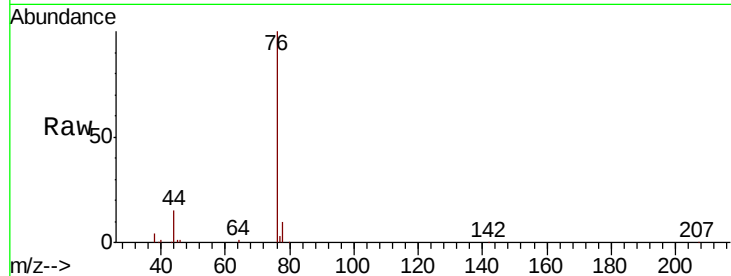




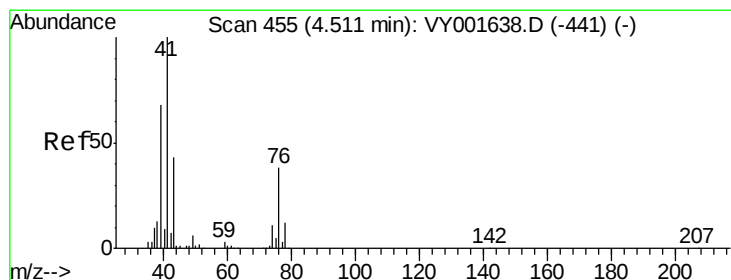
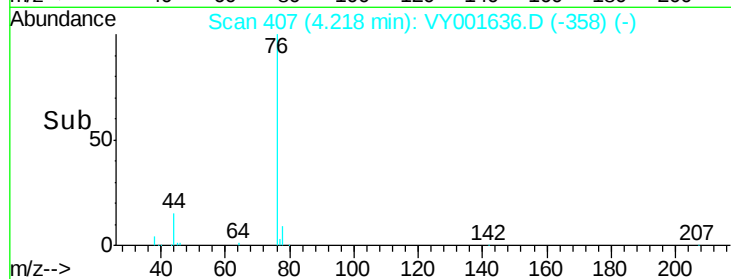
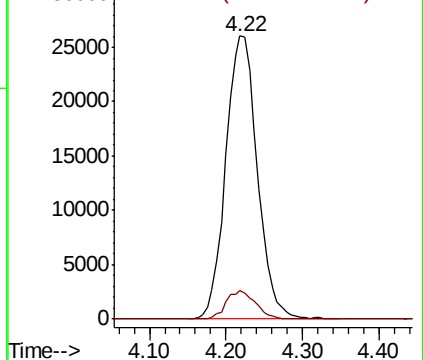
#17
Carbon Disulfide
Concen: 10.780 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 74466
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8

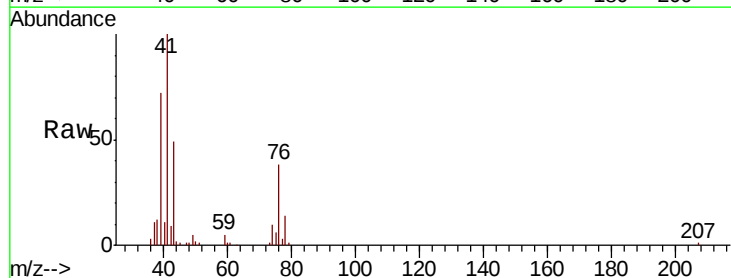


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

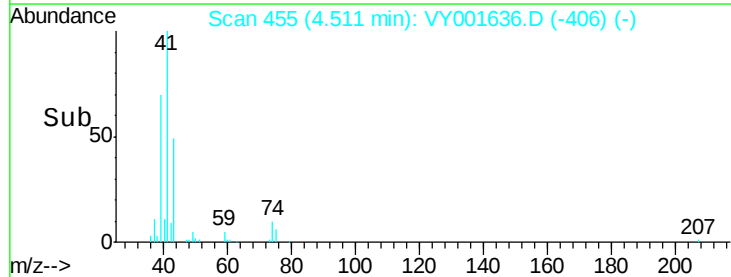
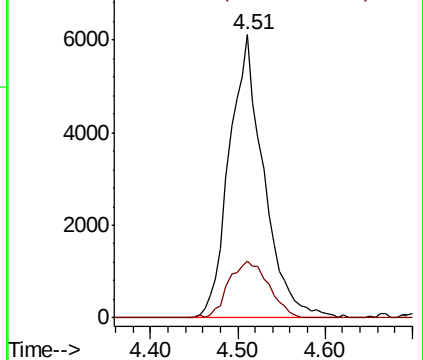


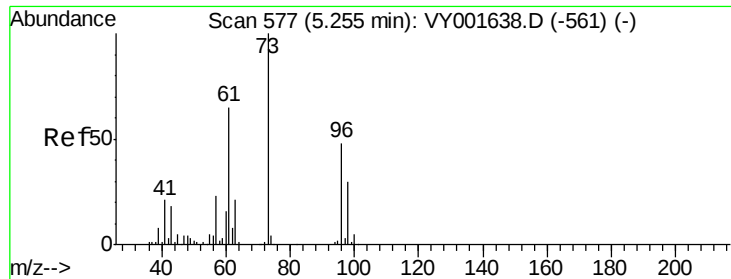
#18
Methyl Acetate
Concen: 12.437 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 43 Resp: 16719
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

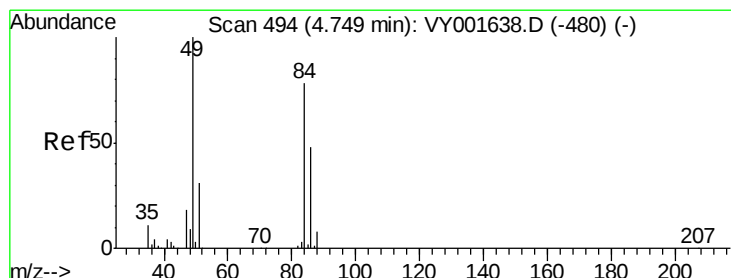
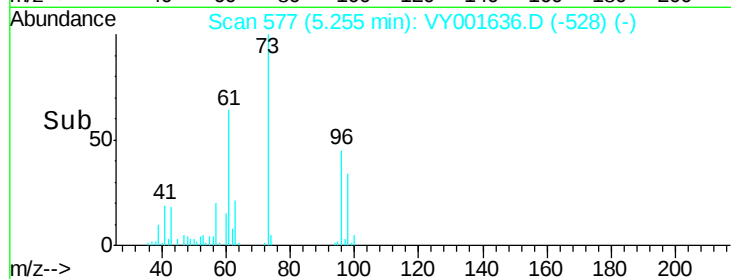
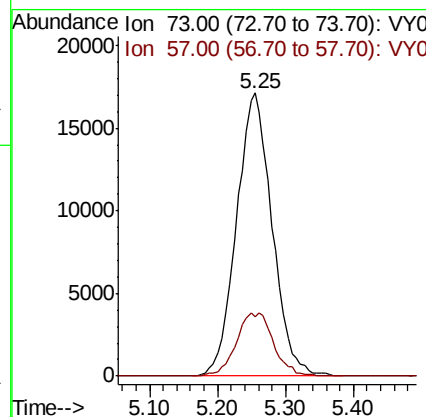
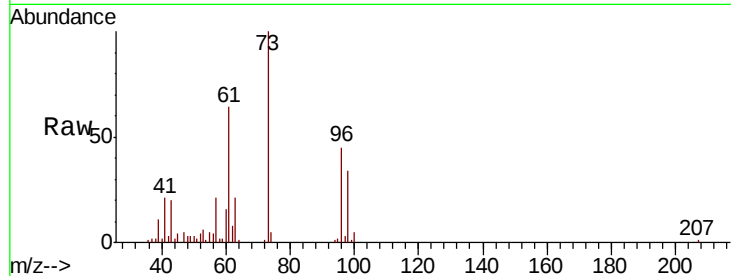




#19
Methvl tert-butvl Ether
Concen: 10.707 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

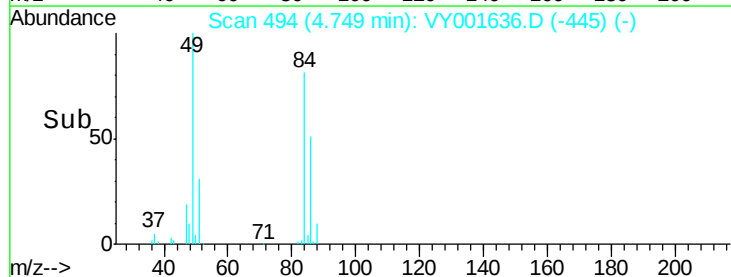
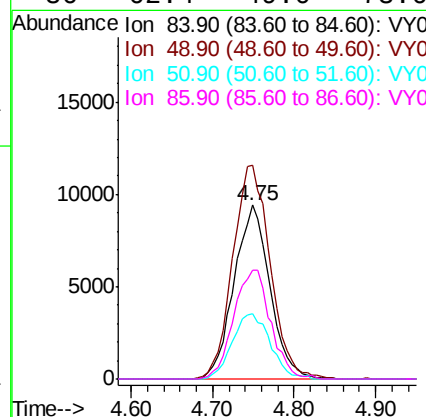
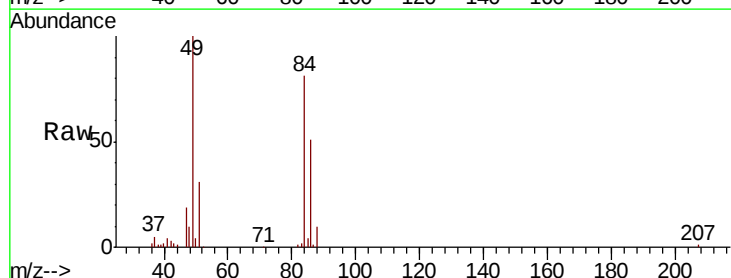
Instrument :
MSVOA_Y
ClientSampleId :

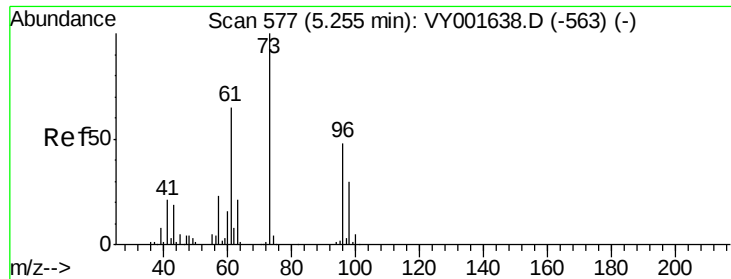
Tot Ion: 73 Resp: 62078
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8



#20
Methylene Chloride
Concen: 10.736 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 84 Resp: 28750
Ion Ratio Lower Upper
84 100
49 122.8 102.3 153.5
51 37.7 31.4 47.2
86 62.4 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 10.607 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :
MSVOA_Y
ClientSampled :

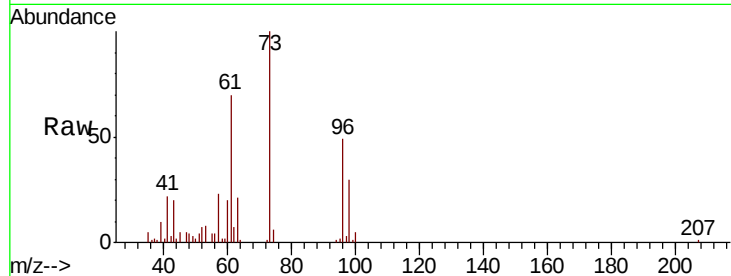
Tot Ion: 96 Resp: 25478

Ion Ratio Lower Upper

96 100

61 142.3 109.0 163.4

98 61.9 49.5 74.3

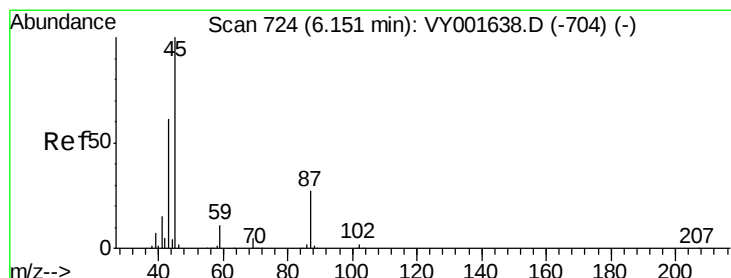
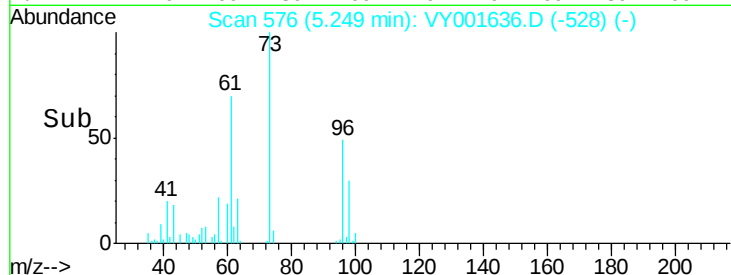
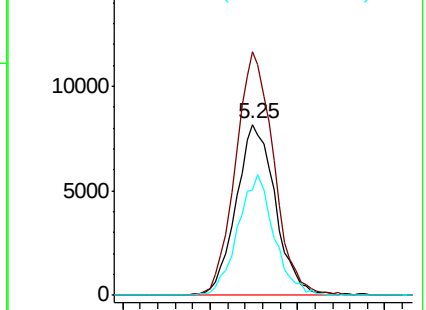


Abundance

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: 12.127 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Tgt Ion: 45 Resp: 82029

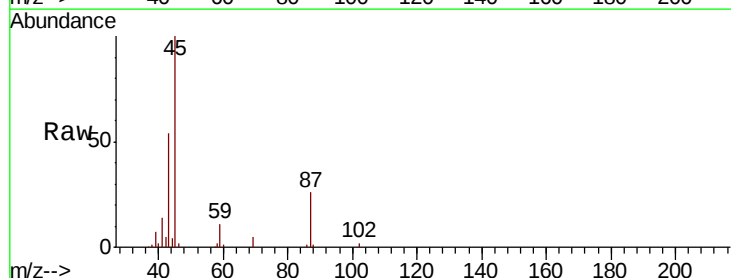
Ion Ratio Lower Upper

45 100

43 53.3 48.6 72.8

87 25.3 21.7 32.5

59 10.6 9.0 13.6



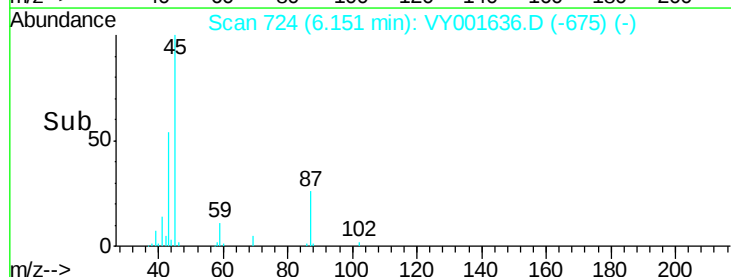
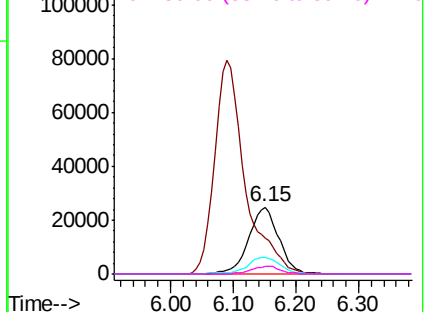
Abundance

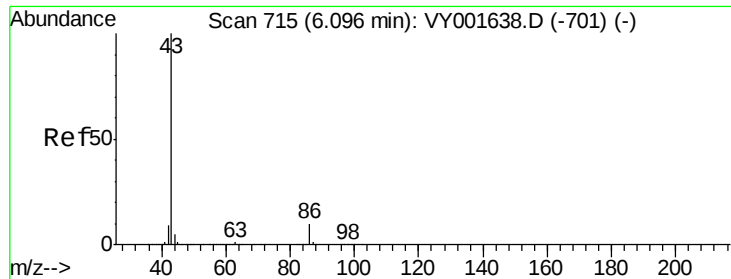
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 61.262 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

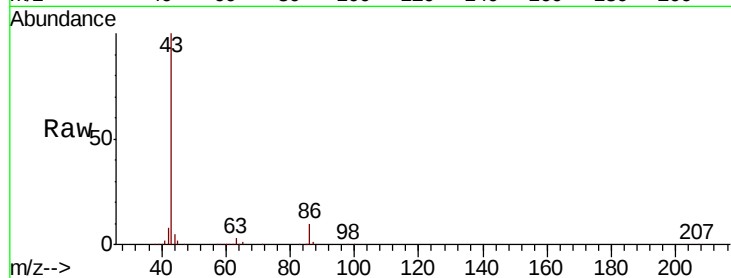
ClientSampleId :

Tot Ion: 43 Resp: 266831

Ion Ratio Lower Upper

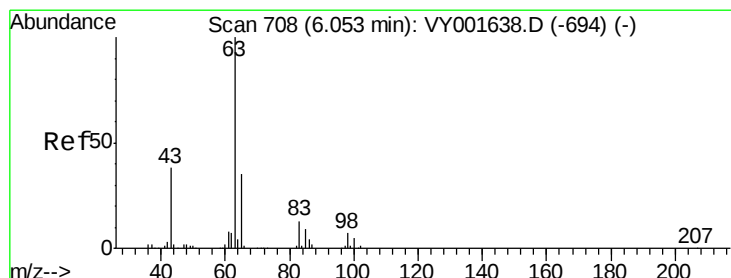
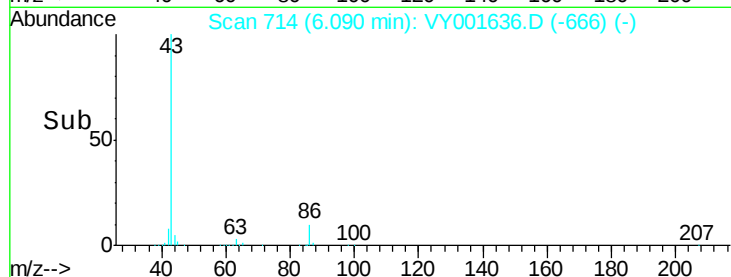
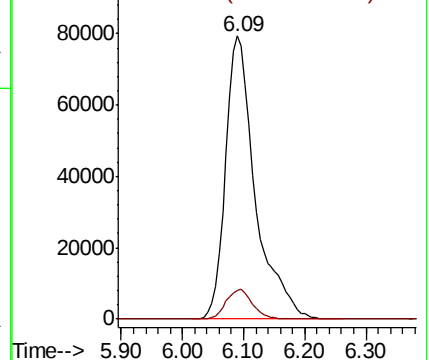
43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 11.001 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

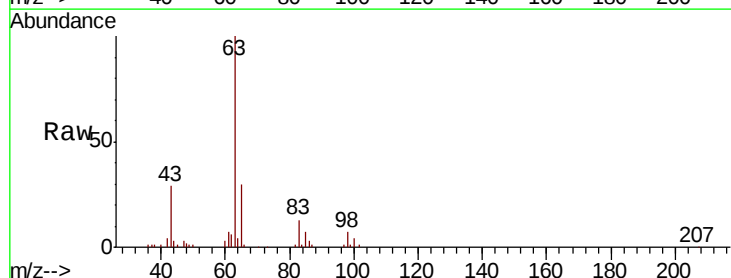
Tgt Ion: 63 Resp: 43754

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

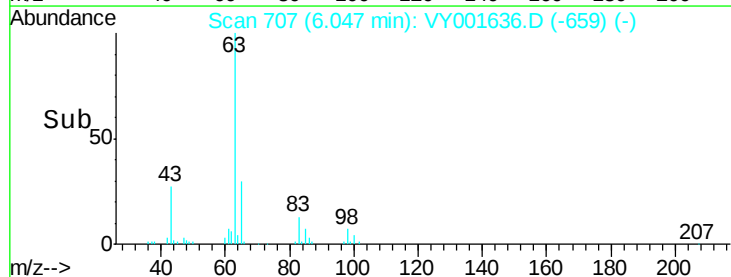
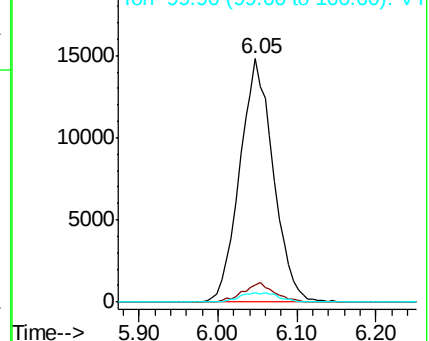
100 3.9 2.3 6.9

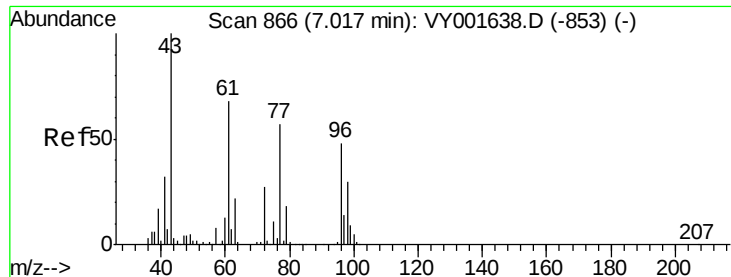


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 59.278 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

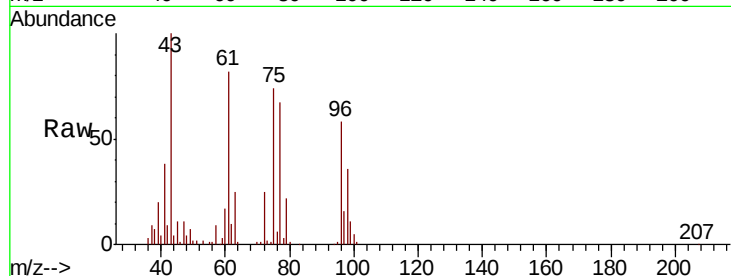
ClientSampled :

Tot Ion: 43 Resp: 49503

Ion Ratio Lower Upper

43 100

72 24.9 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.01

20000

15000

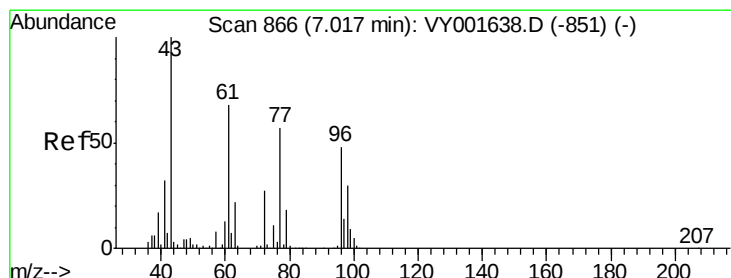
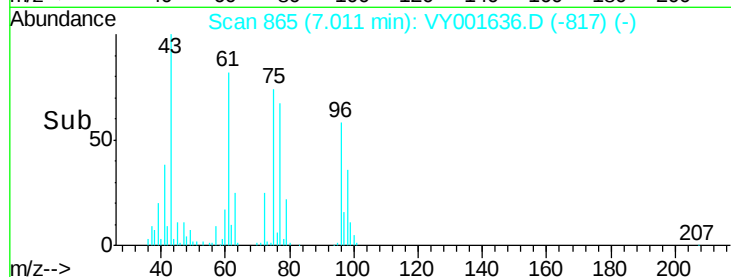
10000

5000

0

6.90 6.95 7.00 7.05 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 10.388 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001636.D

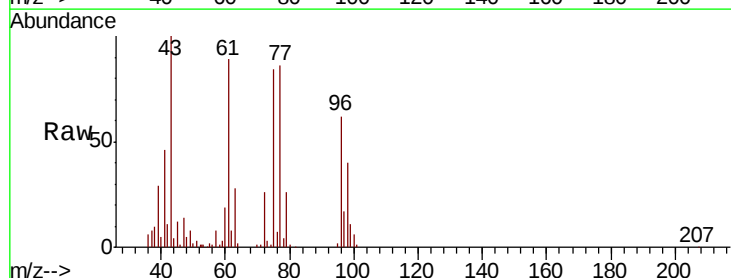
Acq: 17 Feb 2020 10:24

Tgt Ion: 77 Resp: 38917

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.00

15000

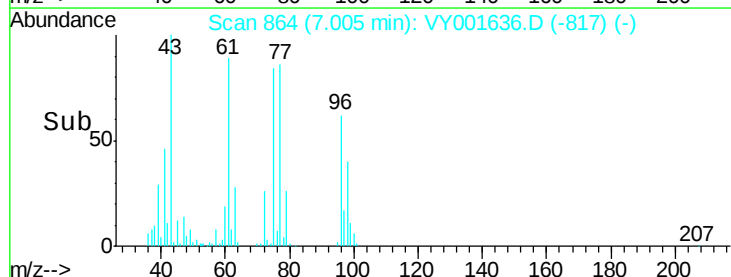
10000

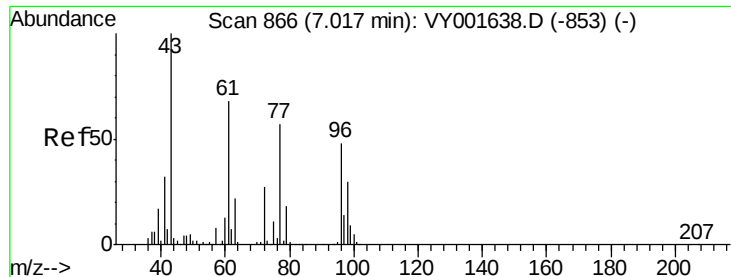
5000

0

6.90 7.00 7.10

Time-->



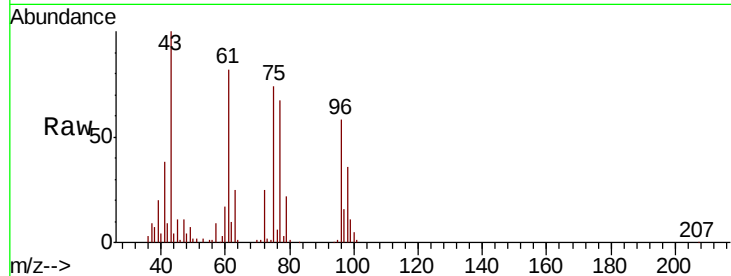


#27

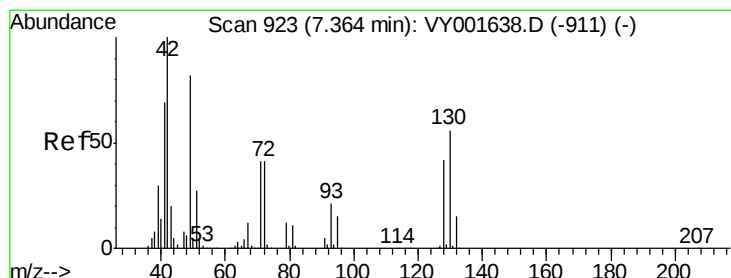
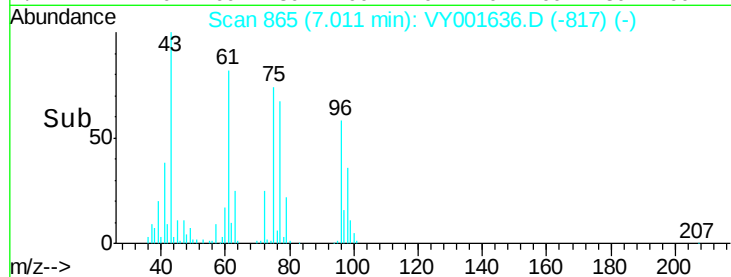
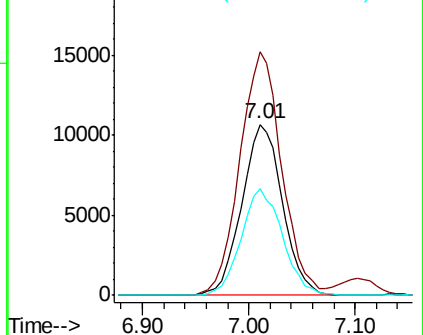
cis-1,2-Dichloroethene
Concen: 10.858 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 28549
Ion Ratio Lower Upper
96 100
61 147.0 0.0 291.4
98 63.7 0.0 128.6



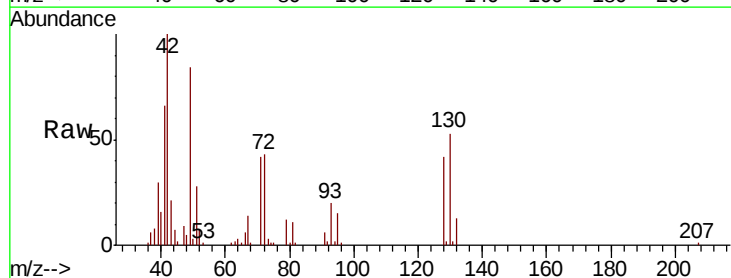
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



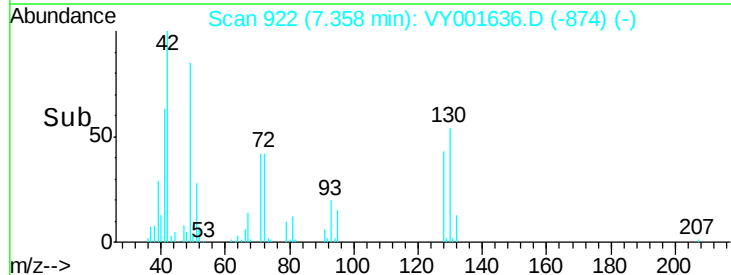
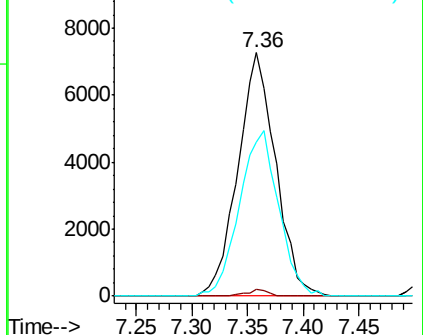
#28

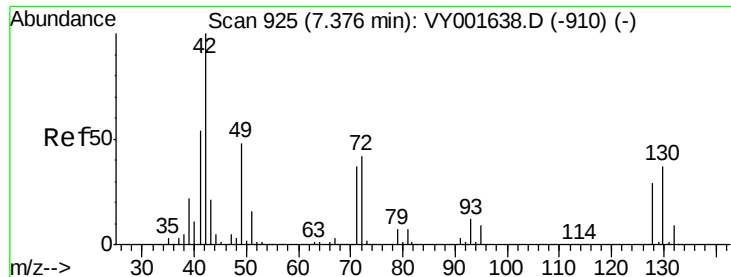
Bromochloromethane
Concen: 12.202 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 49 Resp: 17128
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 70.6 56.4 84.6



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

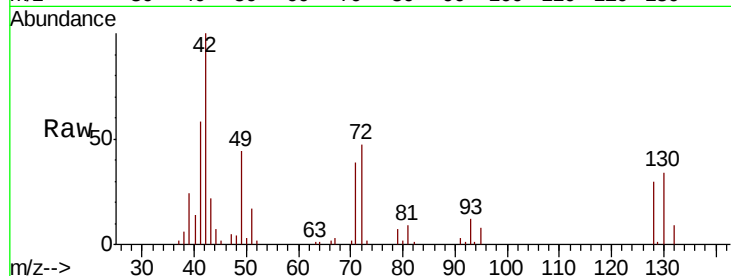




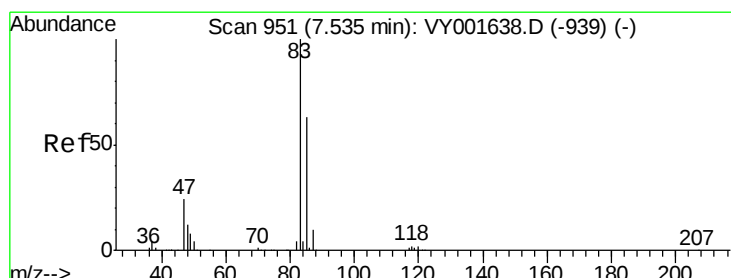
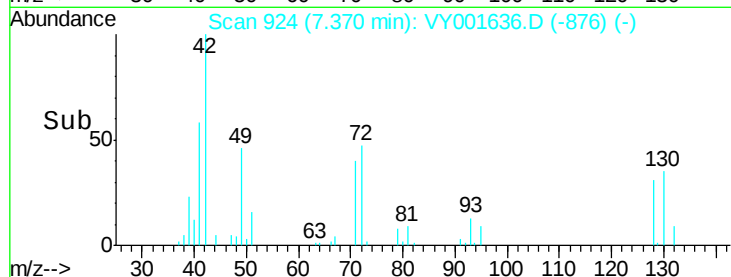
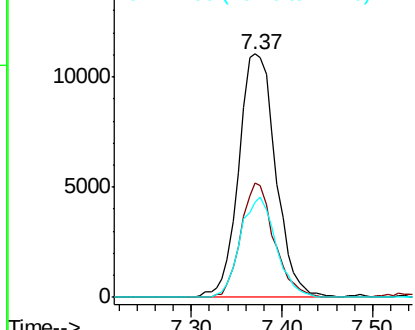
#29
Tetrahydrofuran
Concen: 62.948 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.2	49.8
71	39.6	31.0	46.6

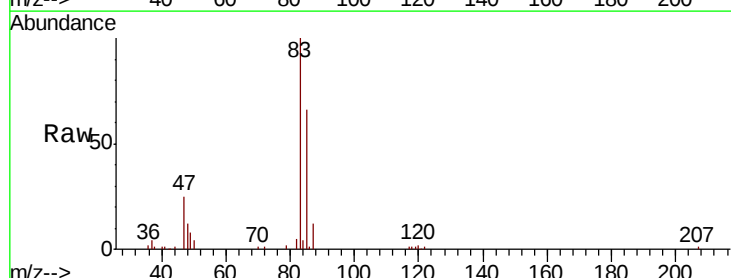


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

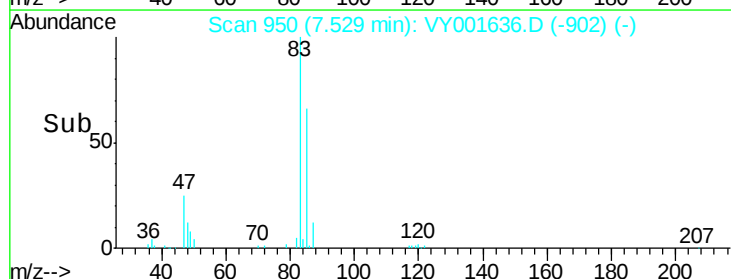
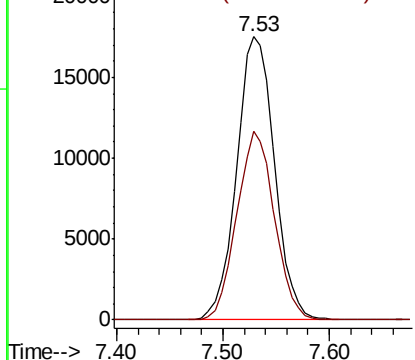


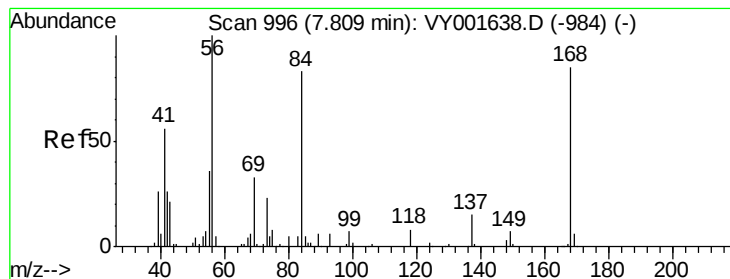
#30
Chloroform
Concen: 10.973 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.2	75.4



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





#31

Cyclohexane

Concen: 11.777 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

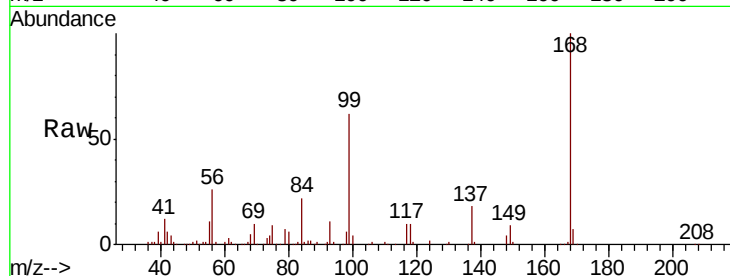
Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

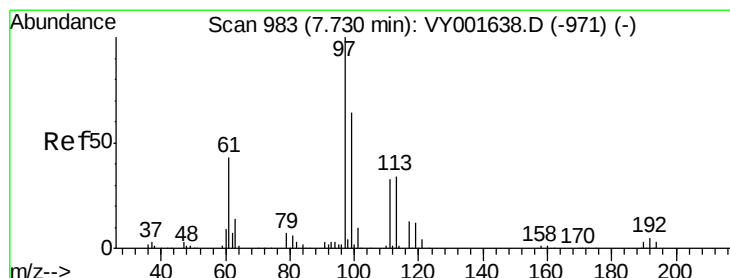
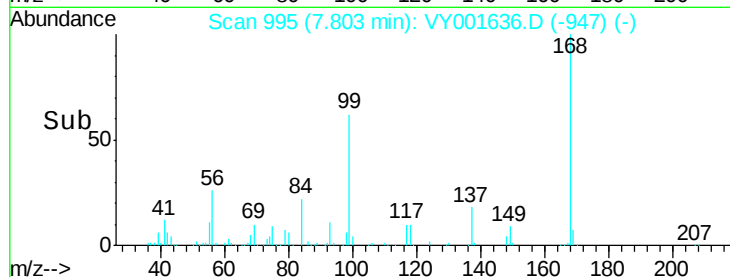
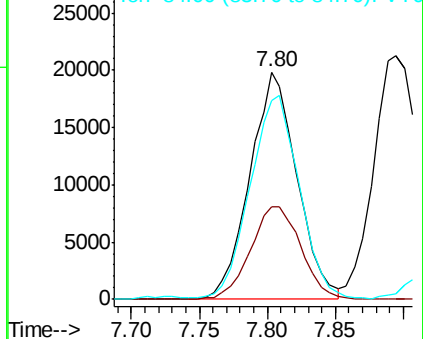
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 48111

Ion	Ratio	Lower	Upper
56	100		
69	40.7	26.3	39.5#
84	86.7	66.6	99.8



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



#32

1,1,1-Trichloroethane

Concen: 10.084 ug/l

RT: 7.72 min Scan# 981

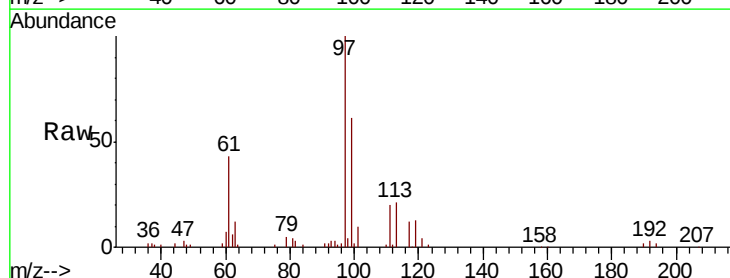
Delta R.T. -0.01 min

Lab File: VY001636.D

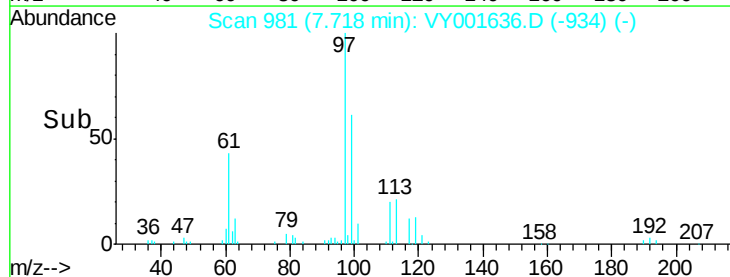
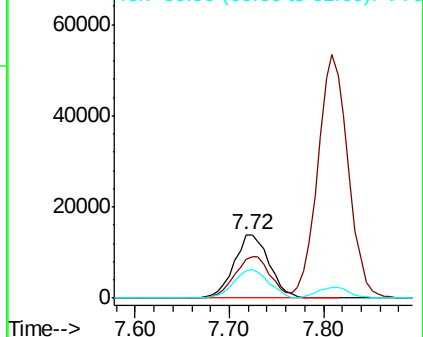
Acq: 17 Feb 2020 10:24

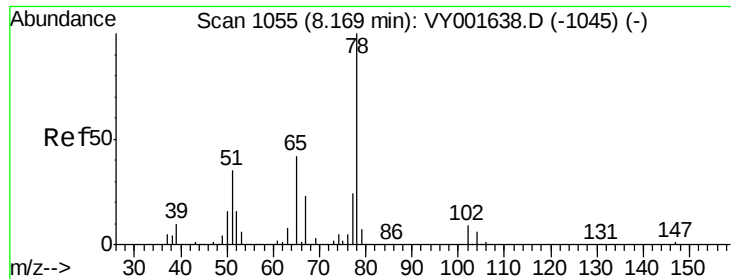
Tgt Ion: 97 Resp: 36044

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	44.9	35.2	52.8



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

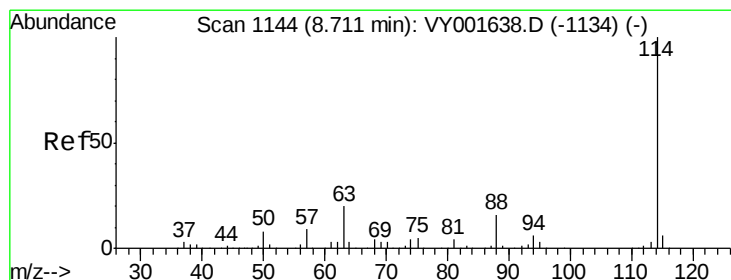
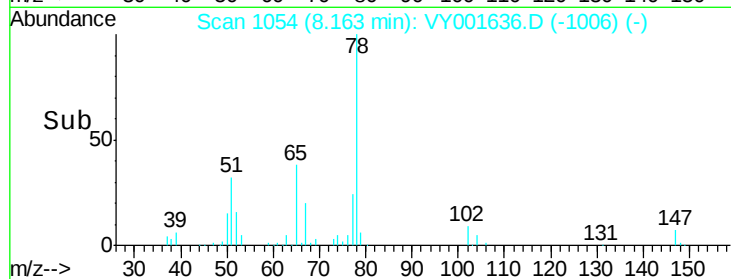
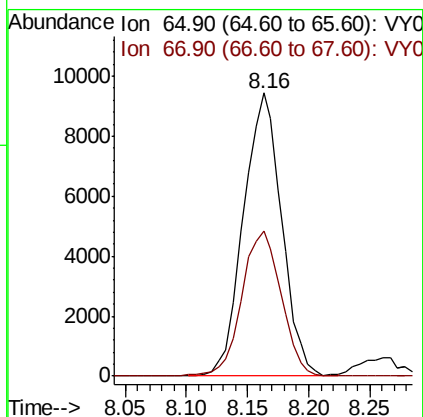
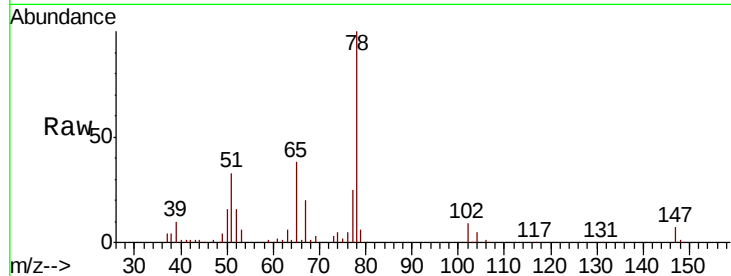




#33
 1,2-Dichloroethane-d4
 Concen: 9.855 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

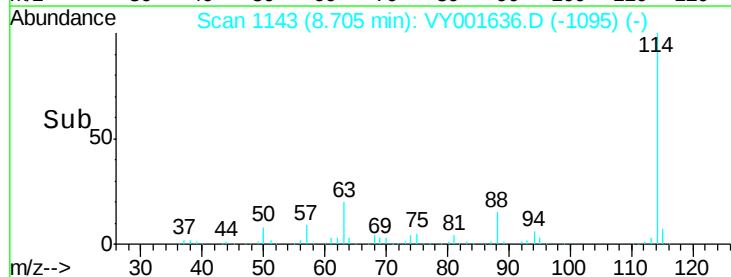
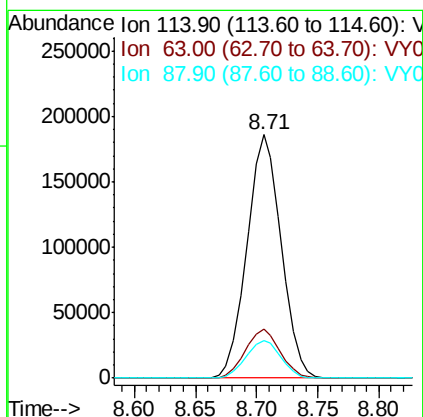
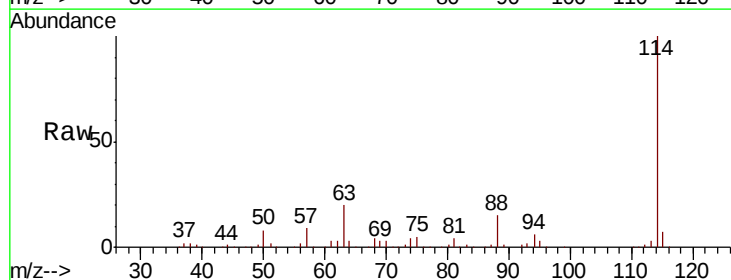
Instrument :
 MSVOA_Y
 ClientSampleId :

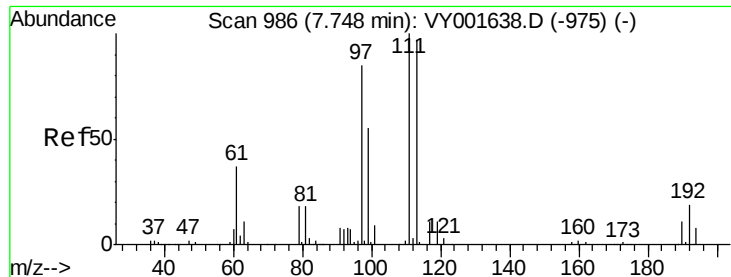
Tot Ion: 65 Resp: 20494
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion: 114 Resp: 361257
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.4 0.0 32.2

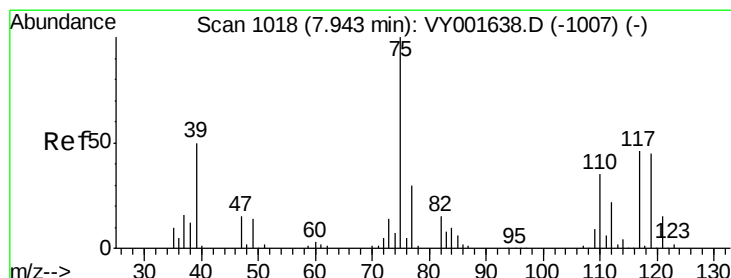
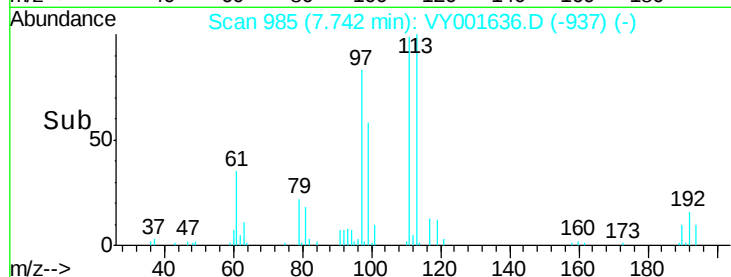
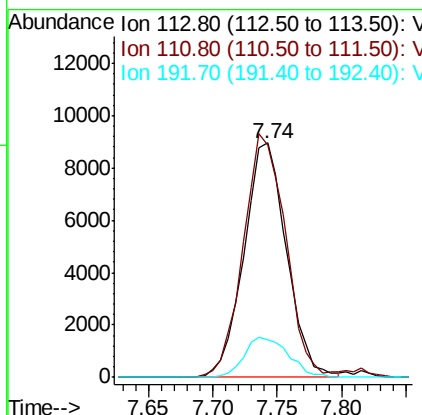
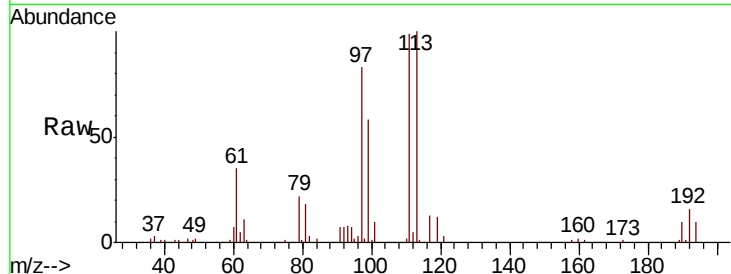




#35
 Dibromofluoromethane
 Concen: 9.881 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

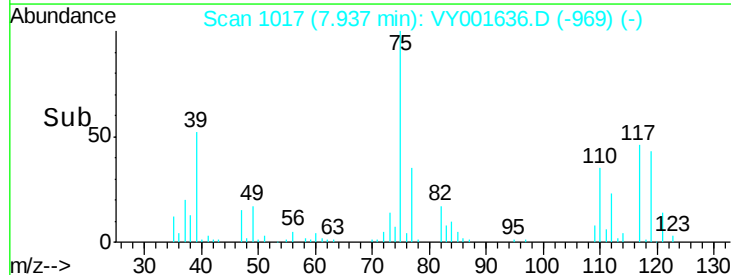
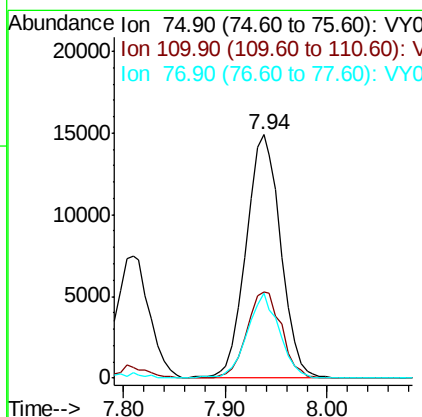
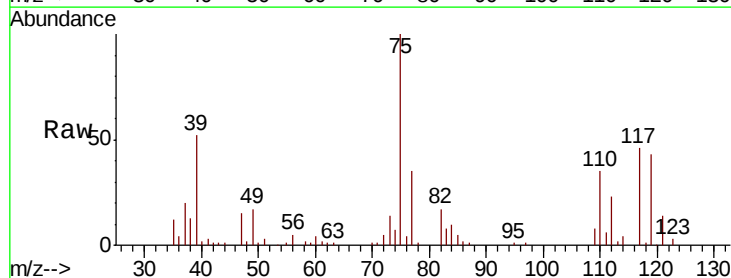
Instrument :
 MSVOA_Y
 ClientSampleId :

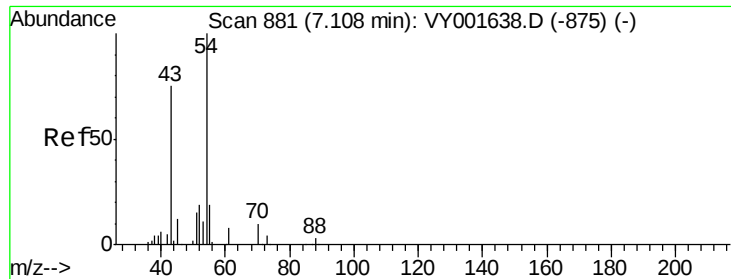
Tot Ion:113 Resp: 20501
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.0
 192 17.7 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 10.588 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion: 75 Resp: 35173
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.6 52.8
 77 32.5 24.4 36.6

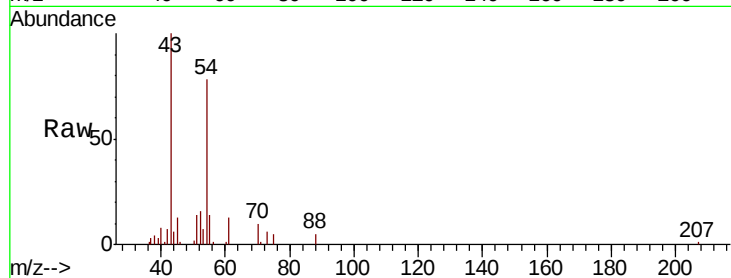




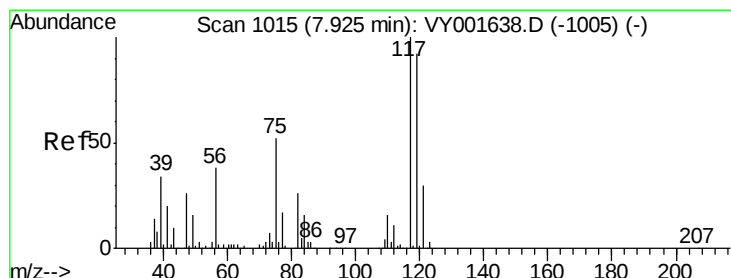
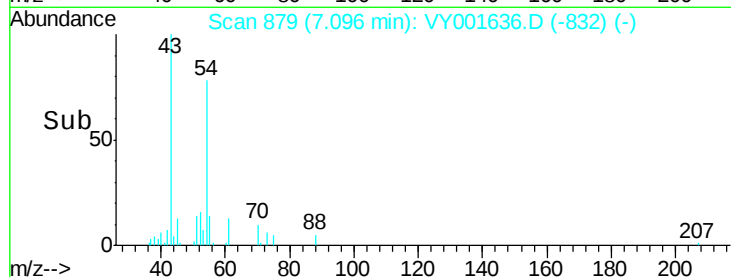
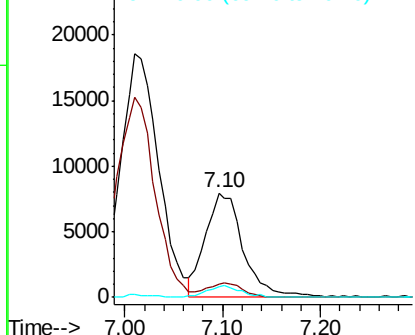
#37
Ethyl Acetate
Concen: 12.674 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 21411
Ion Ratio Lower Upper
43 100
61 12.5 11.4 17.0
70 10.1 8.6 12.8

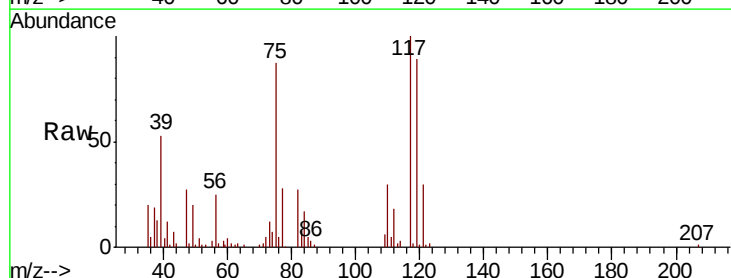


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

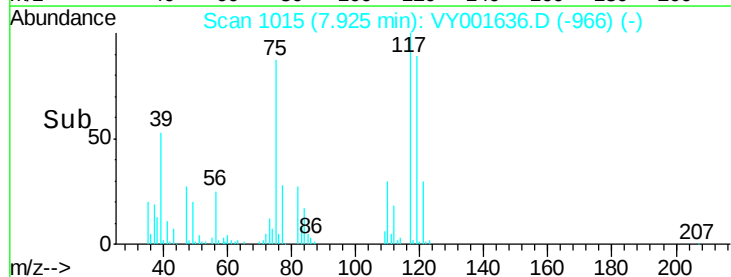
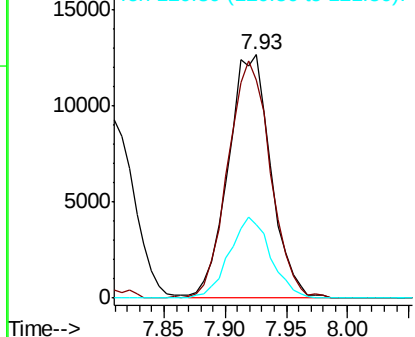


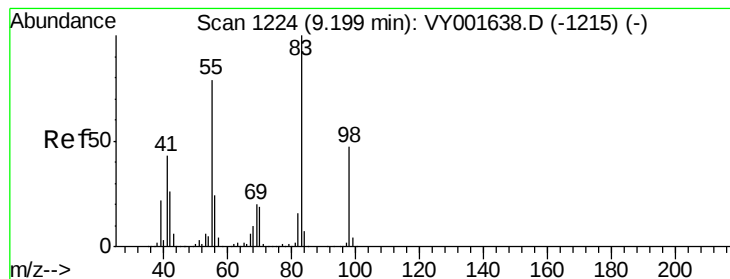
#38
Carbon Tetrachloride
Concen: 9.663 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 117 Resp: 30575
Ion Ratio Lower Upper
117 100
119 89.5 73.4 110.0
121 30.2 23.7 35.5



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

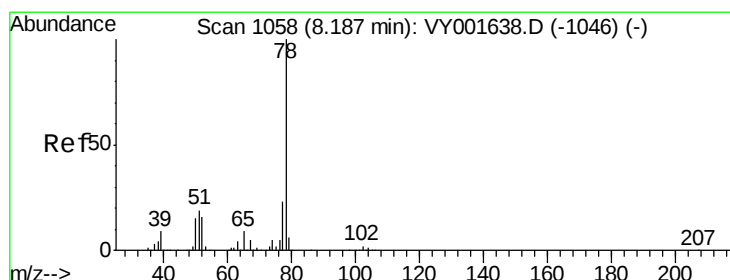
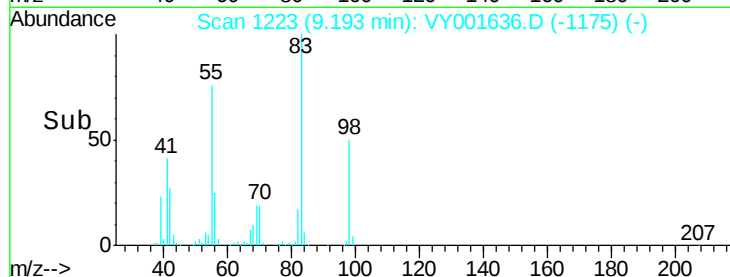
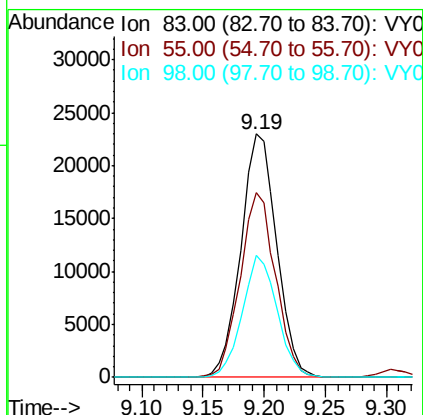
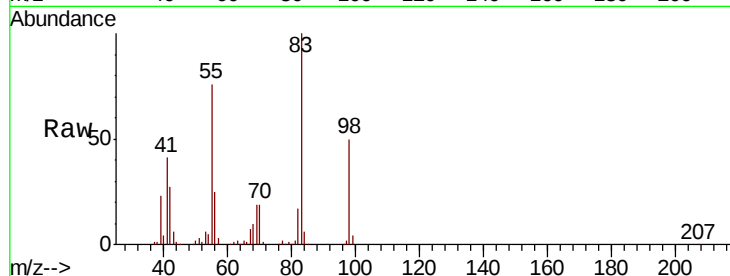




#39
Methvlcvclohexane
Concen: 10.716 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

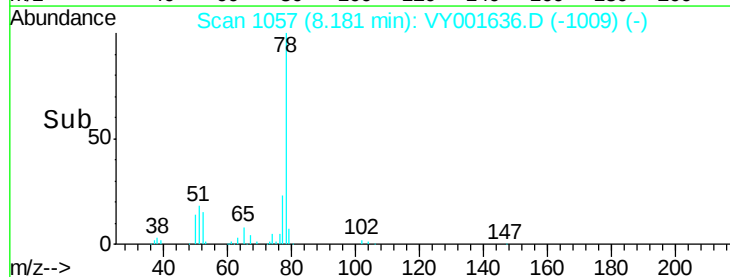
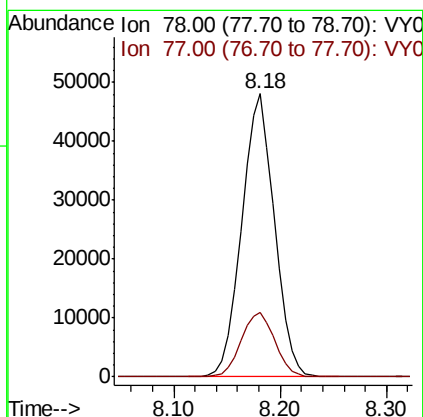
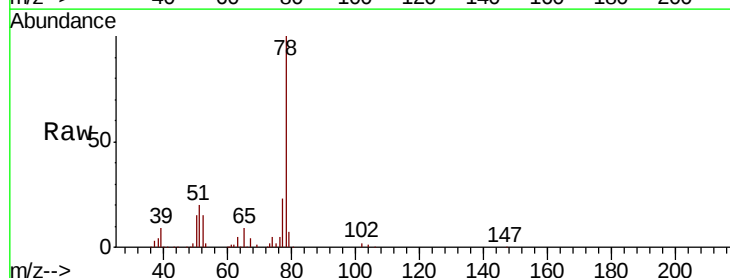
Instrument :
MSVOA_Y
ClientSampleId :

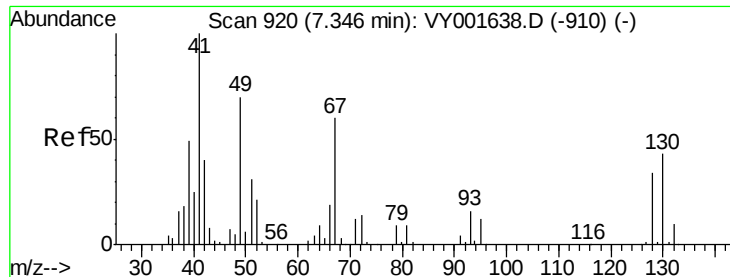
Tot Ion: 83 Resp: 46813
Ion Ratio Lower Upper
83 100
55 75.9 63.3 94.9
98 50.1 37.9 56.9



#40
Benzene
Concen: 10.862 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 78 Resp: 103488
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

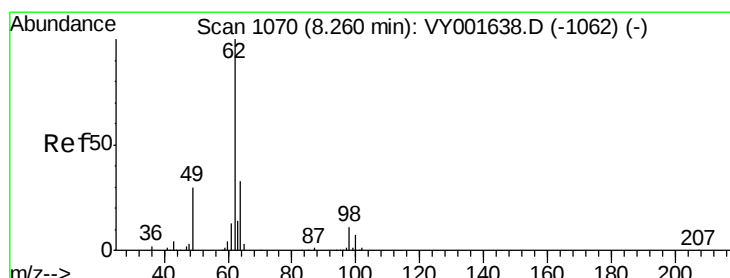
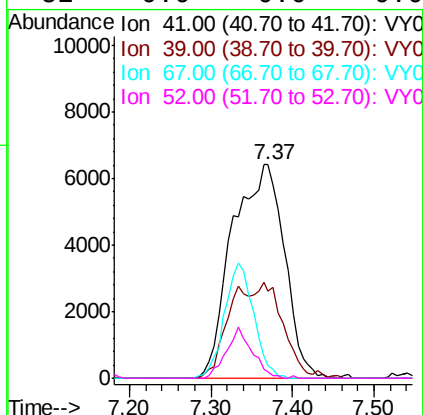
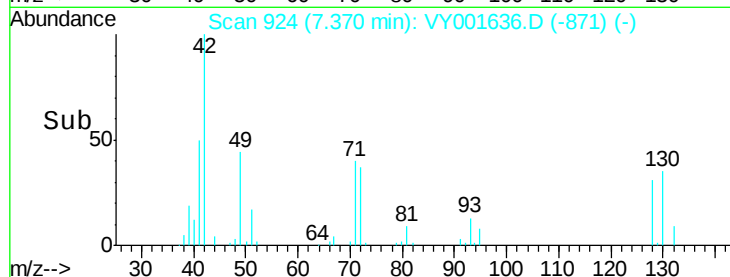
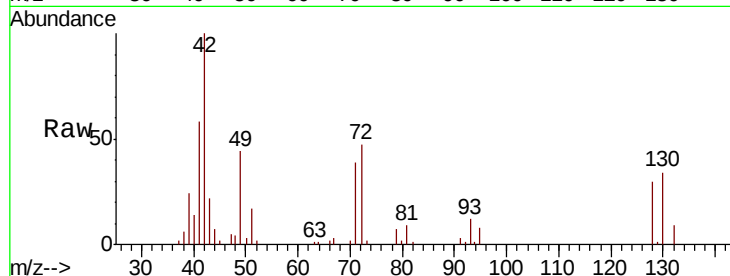




#41
Methacrylonitrile
Concen: 37.549 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

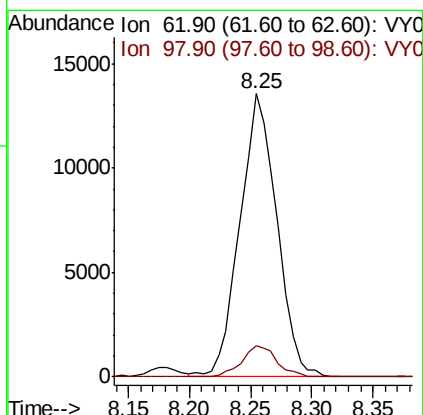
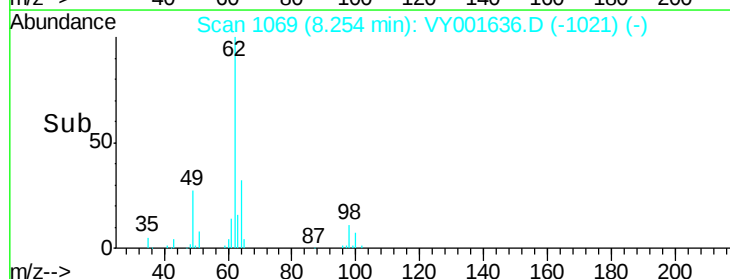
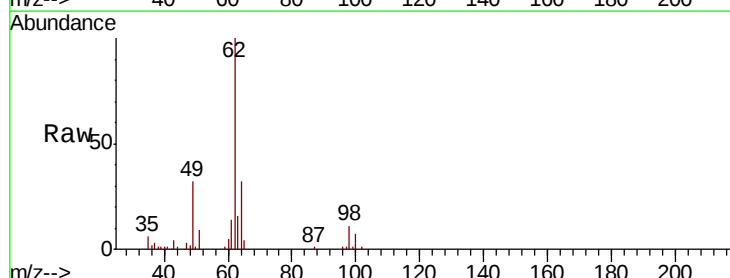
Instrument :
MSVOA_Y
ClientSampled :

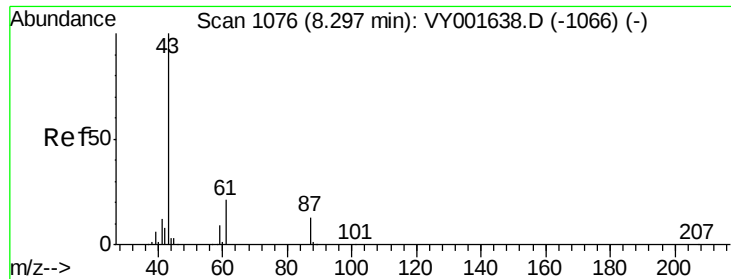
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	114.2	171.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 10.672 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4



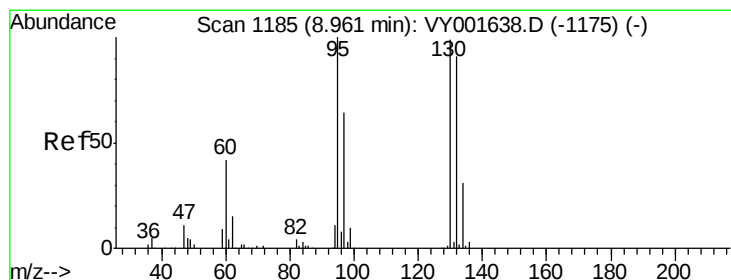
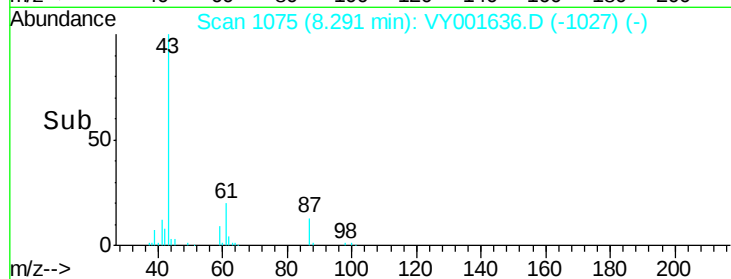
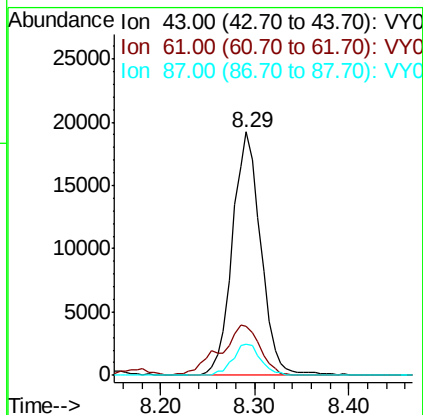
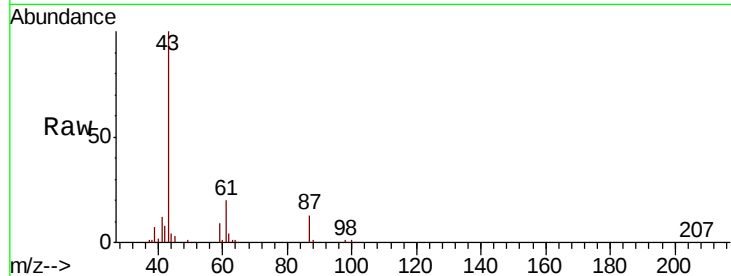


#43

Isopropyl Acetate
 Concen: 12.017 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

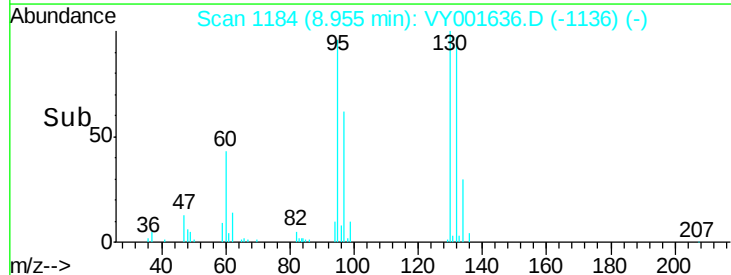
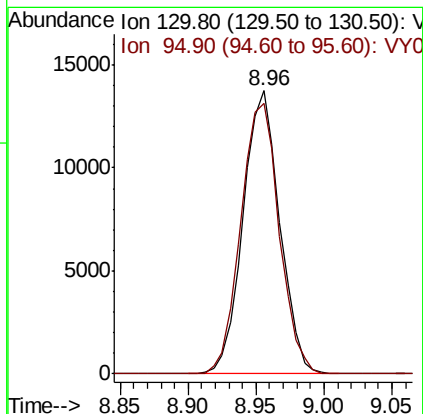
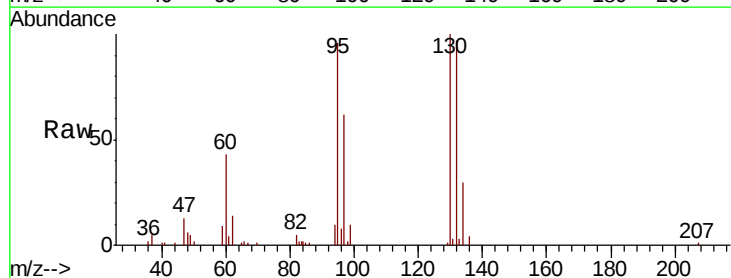
Tot Ion	43	Resp	40048
Ion Ratio	Lower	Upper	
43	100		
61	29.0	23.0	34.4
87	12.5	10.4	15.6

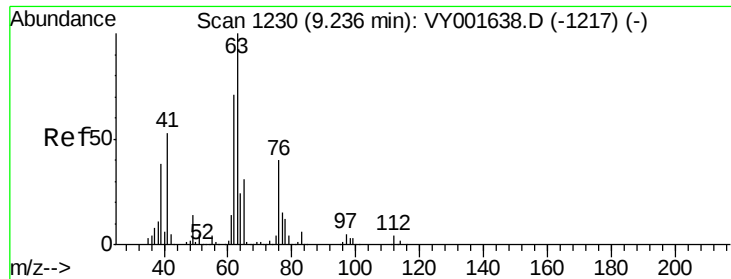


#44

Trichloroethene
 Concen: 10.267 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion	130	Resp	26035
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	203.0

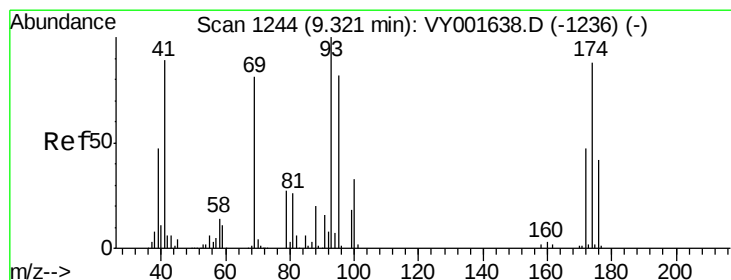
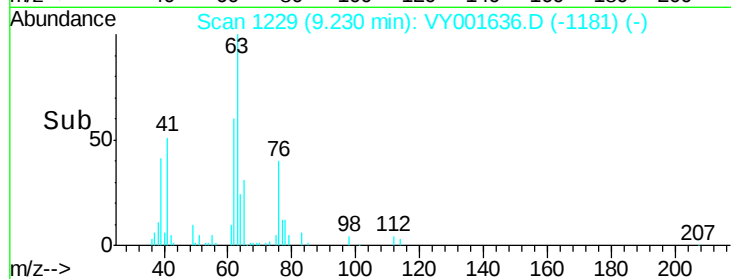
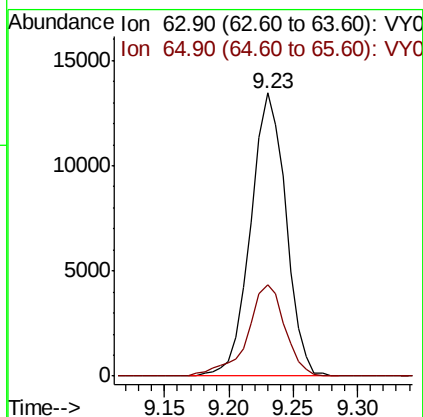
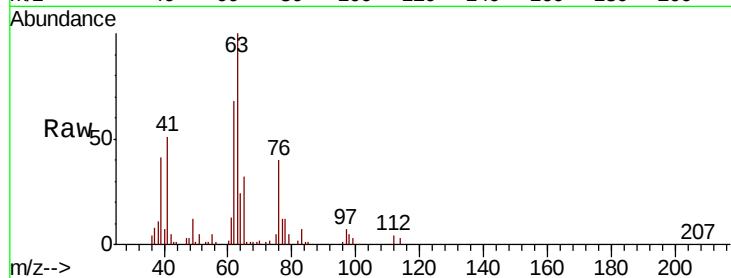




#45
 1,2-Dichloropropane
 Concen: 10.969 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

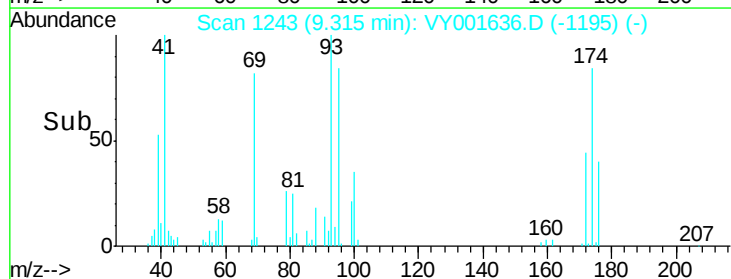
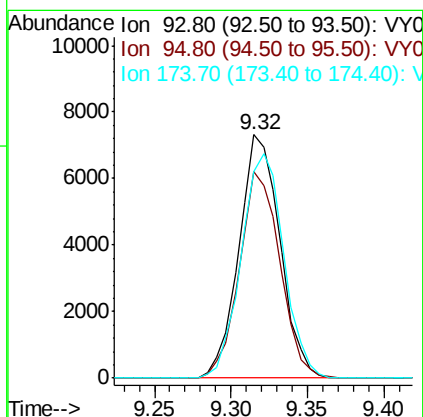
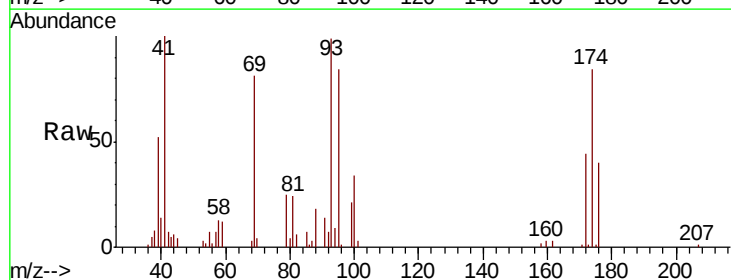
Instrument :
 MSVOA_Y
 ClientSampleId :

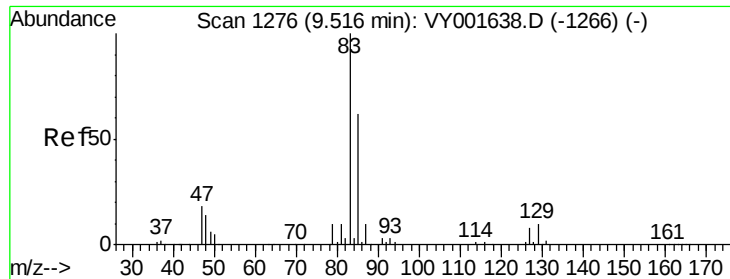
Tot Ion: 63 Resp: 25423
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.6 37.0



#46
 Dibromomethane
 Concen: 10.550 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion: 93 Resp: 13615
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.3 100.9
 174 95.2 74.1 111.1





#47

Bromodichloromethane

Concen: 10.216 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

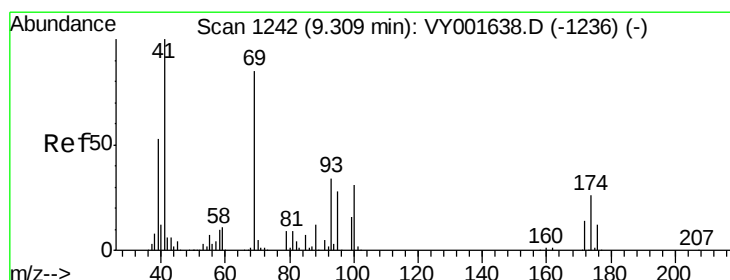
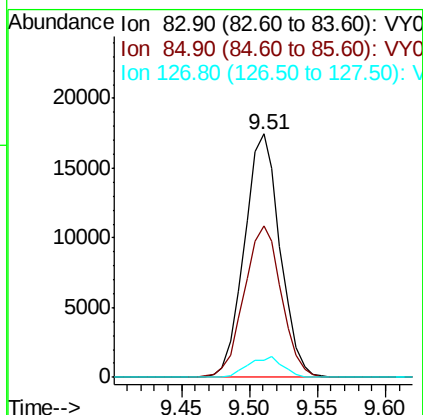
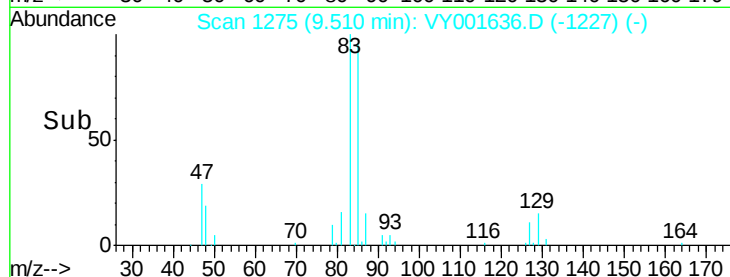
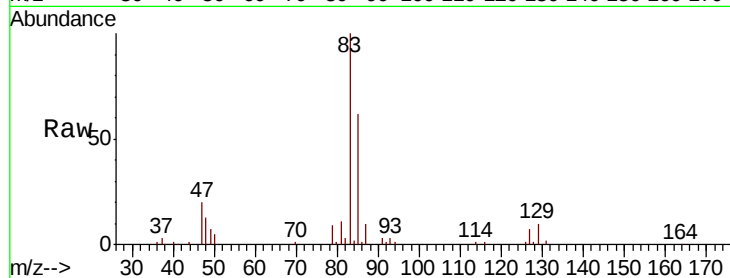
Tot Ion: 83 Resp: 31971

Ion Ratio Lower Upper

83 100

85 62.4 50.0 75.0

127 7.2 6.3 9.5



#48

Methyl methacrylate

Concen: 11.665 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

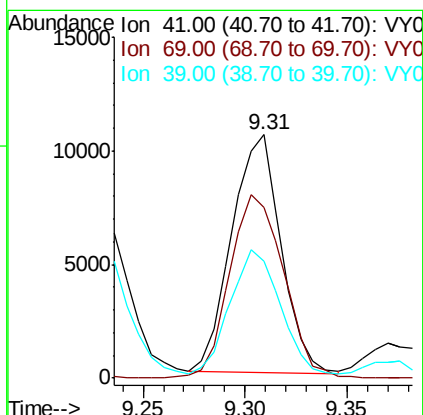
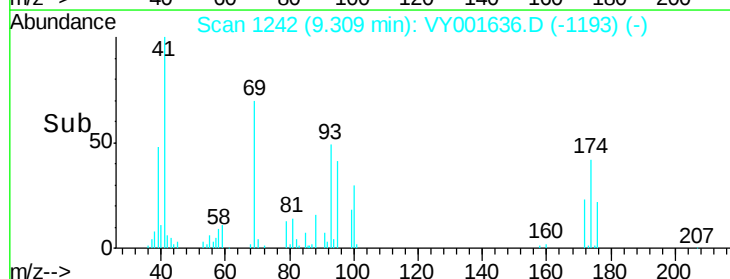
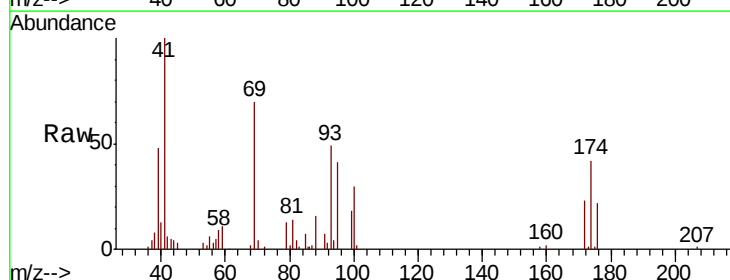
Tgt Ion: 41 Resp: 17604

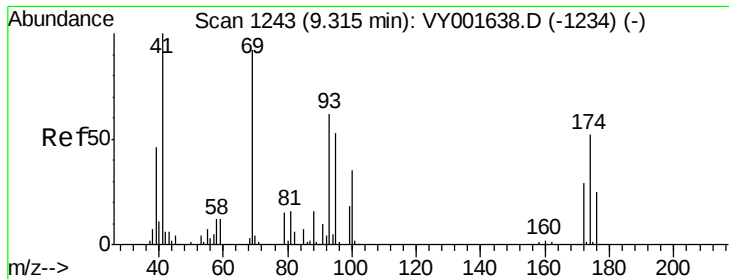
Ion Ratio Lower Upper

41 100

69 84.6 69.5 104.3

39 57.2 41.8 62.6

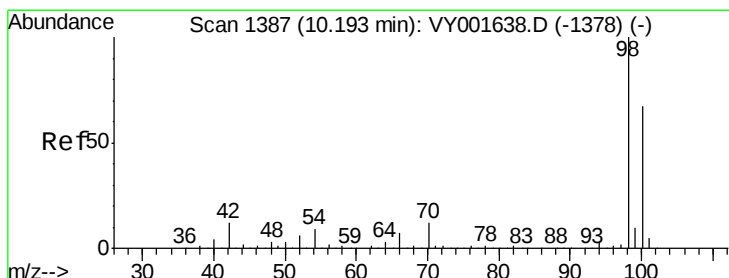
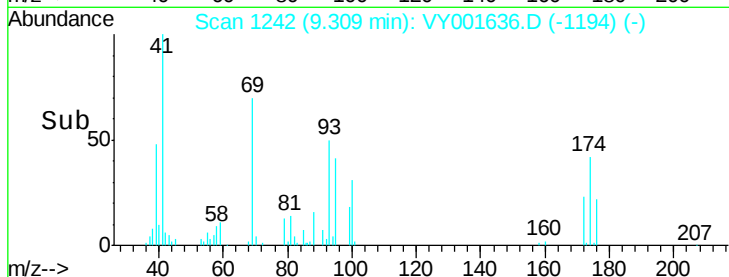
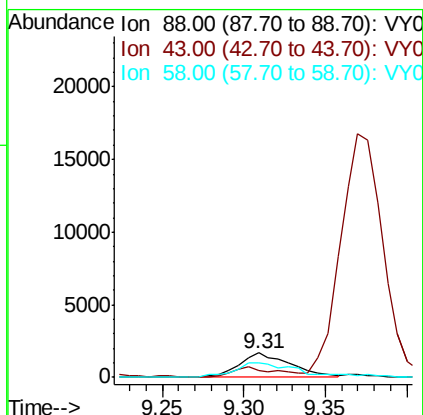
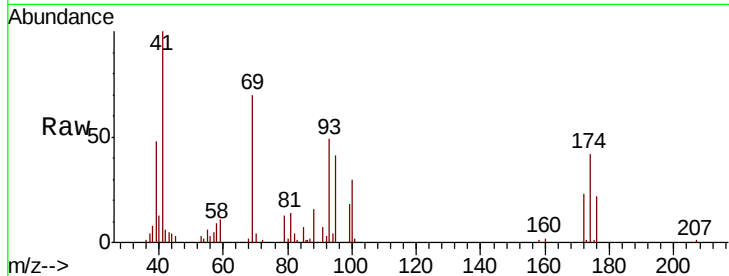




#49
1,4-Dioxane
Concen: 208.156 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

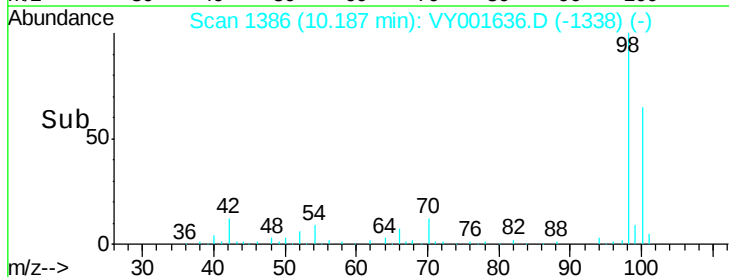
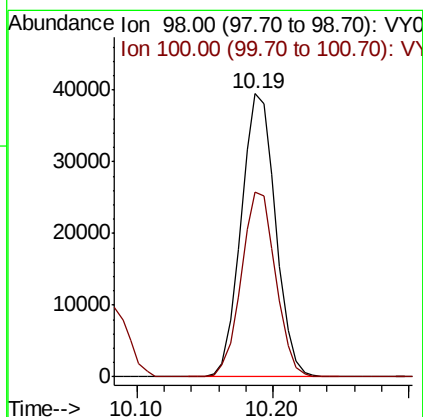
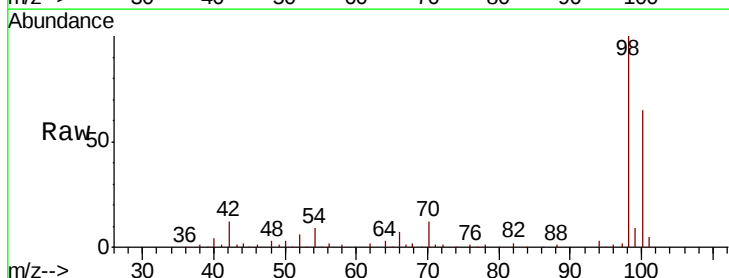
Instrument :
MSVOA_Y
ClientSampleId :

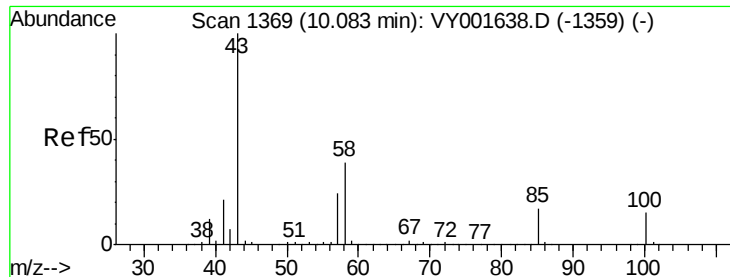
Tot Ion: 88 Resp: 3618
Ion Ratio Lower Upper
88 100
43 37.3 27.6 41.4
58 80.2 60.4 90.6



#50
Toluene-d8
Concen: 8.842 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 98 Resp: 69849
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8

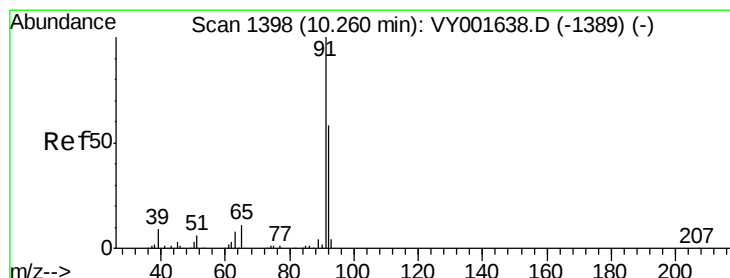
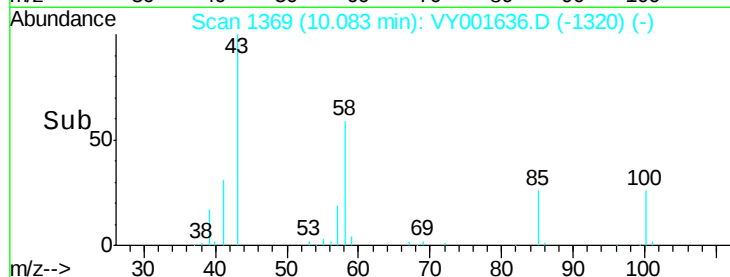
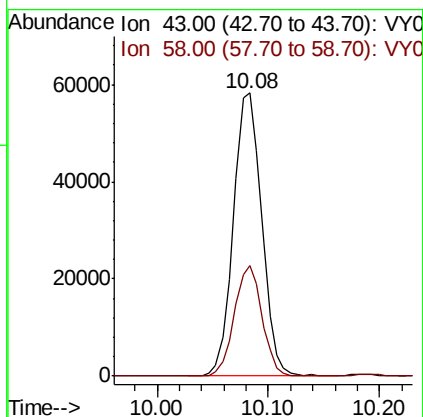
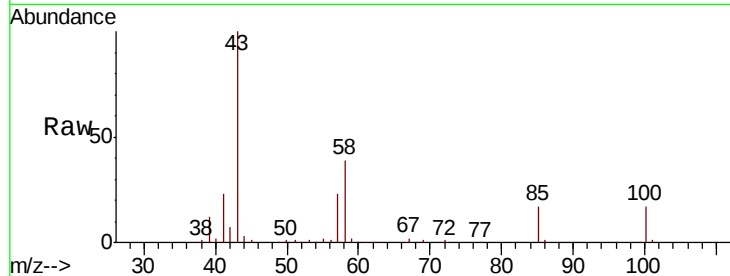




#51
4-Methyl-2-Pentanone
Concen: 61.854 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

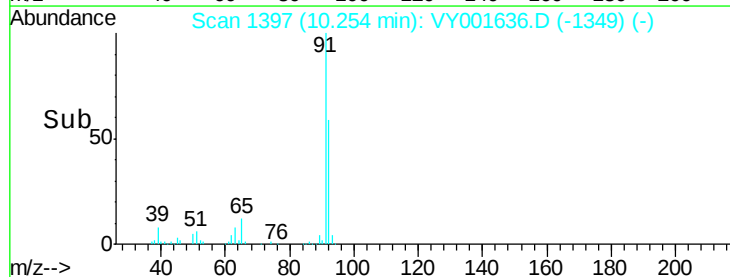
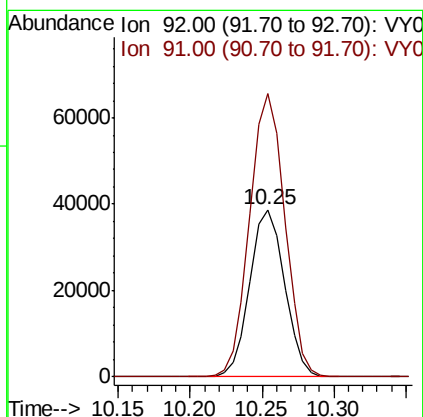
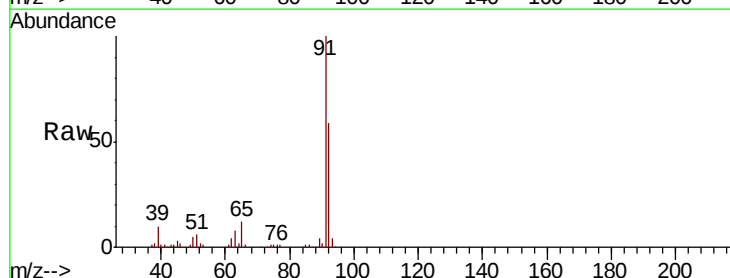
Instrument :
MSVOA_Y
ClientSampled :

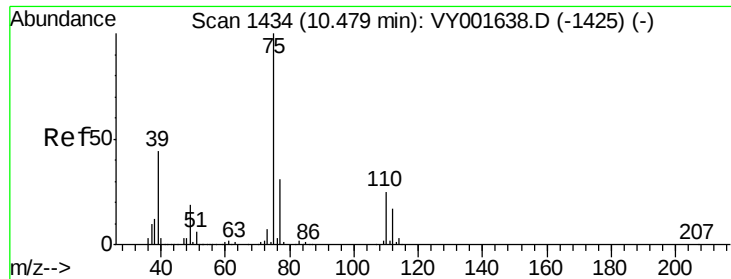
Tot Ion: 43 Resp: 102664
Ion Ratio Lower Upper
43 100
58 37.9 31.4 47.2



#52
Toluene
Concen: 10.724 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 92 Resp: 64835
Ion Ratio Lower Upper
92 100
91 170.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 10.232 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

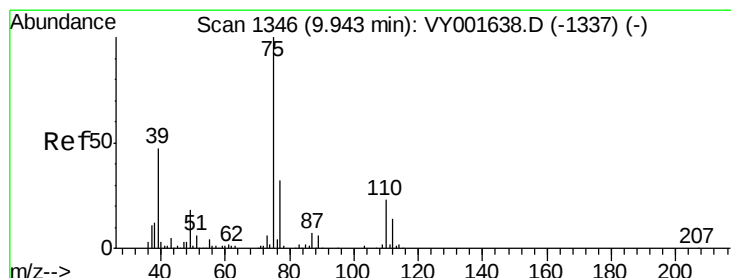
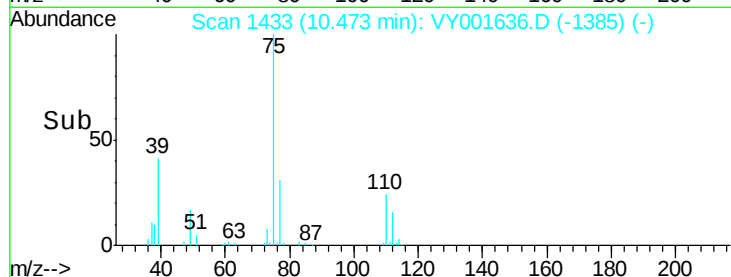
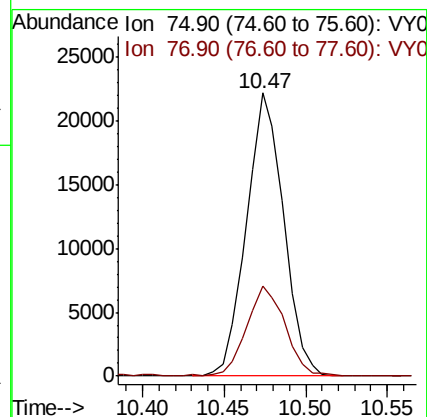
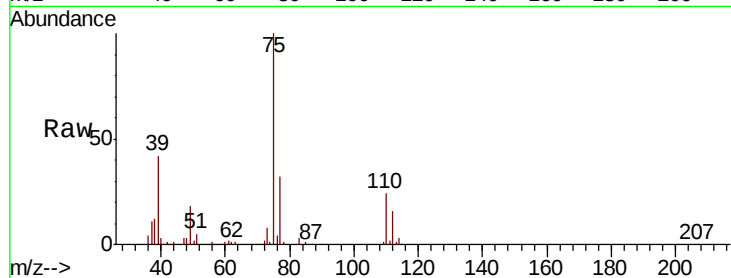
ClientSampleId :

Tot Ion: 75 Resp: 35206

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 10.394 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

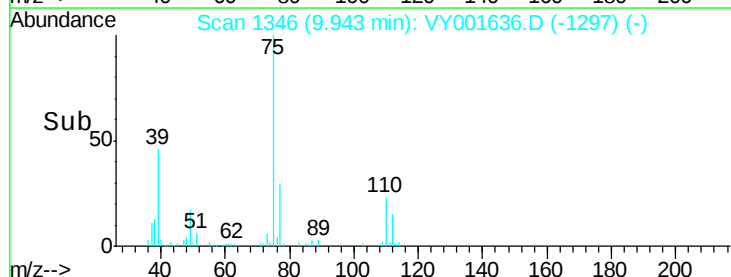
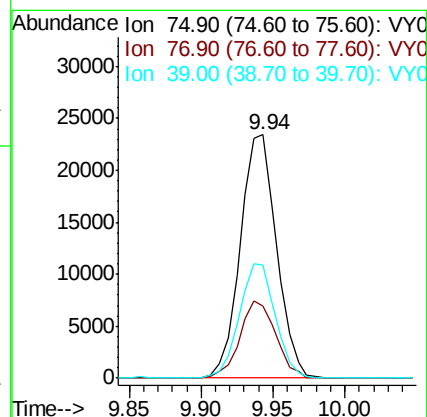
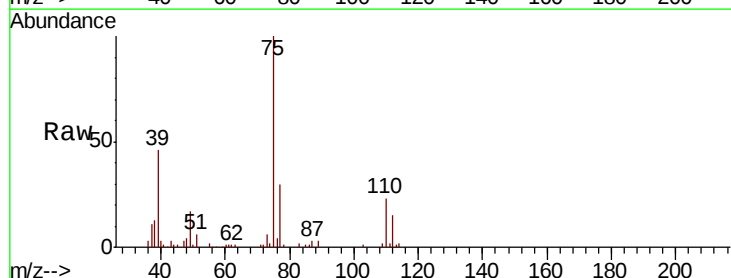
Tgt Ion: 75 Resp: 40821

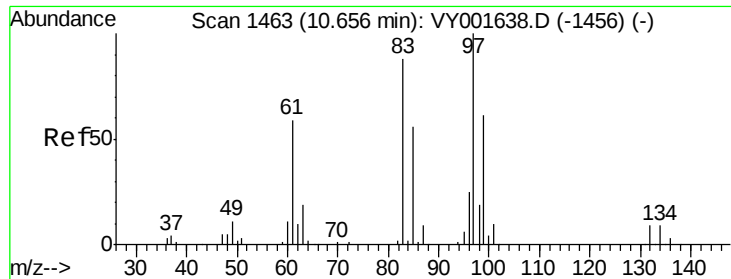
Ion Ratio Lower Upper

75 100

77 29.8 25.9 38.9

39 46.4 37.3 55.9

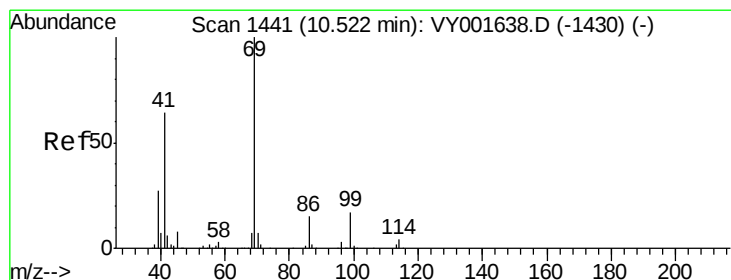
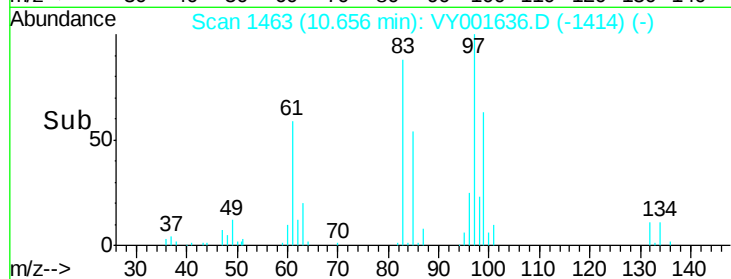
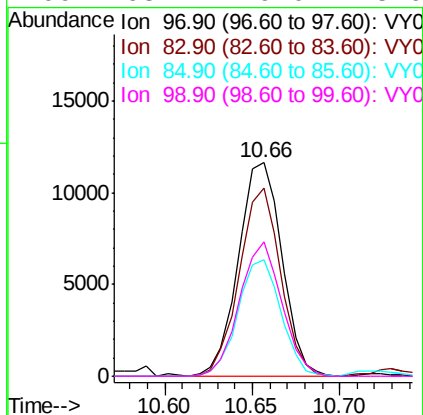
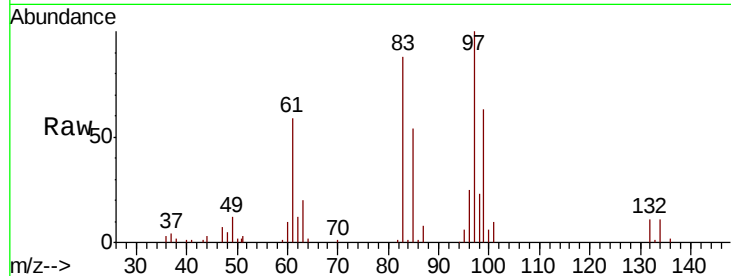




#55
 1,1,2-Trichloroethane
 Concen: 10.855 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

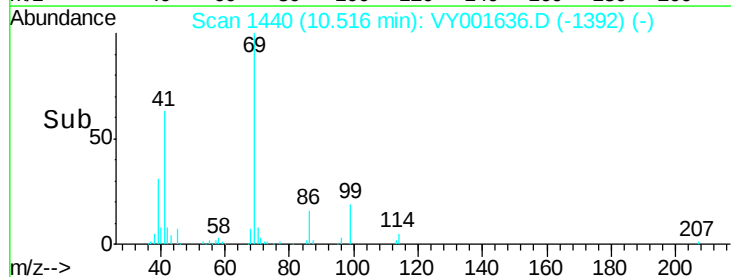
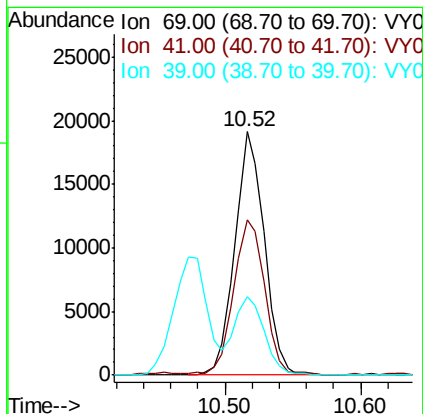
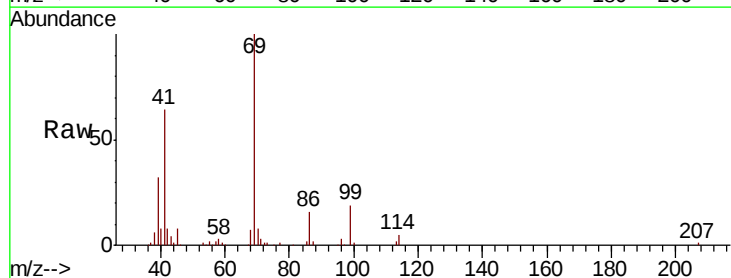
Instrument :
 MSVOA_Y
 ClientSampleId :

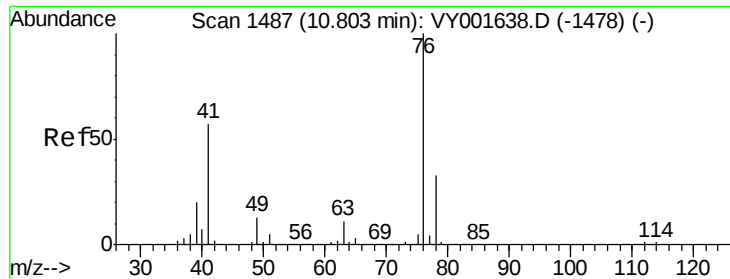
Tot Ion:	97	Resp:	20232
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.3	105.5
85	54.5	44.6	66.8
99	63.2	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 10.703 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion:	69	Resp:	28762
Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.9	77.9
39	33.1	26.9	40.3





#57

1,3-Dichloropropane

Concen: 10.816 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

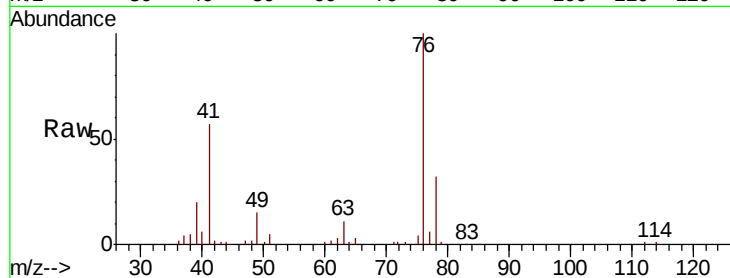
ClientSampleId :

Tot Ion: 76 Resp: 35652

Ion Ratio Lower Upper

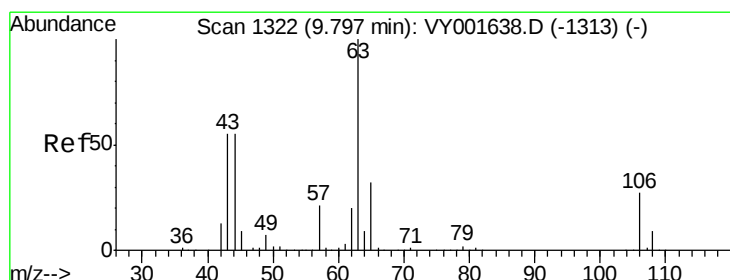
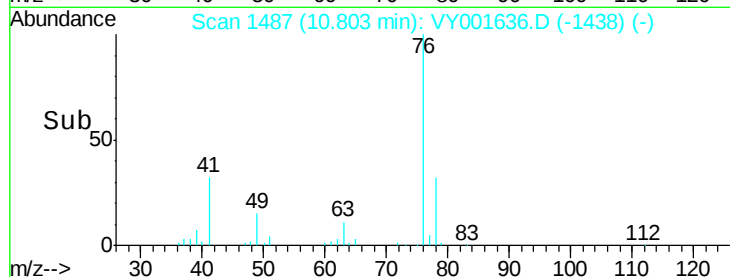
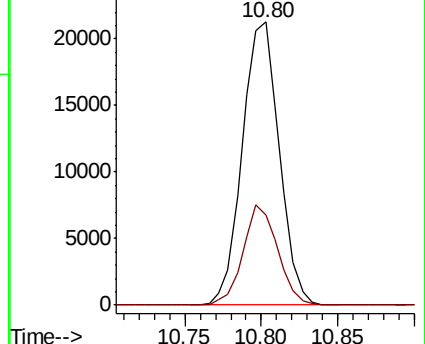
76 100

78 33.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 77.596 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001636.D

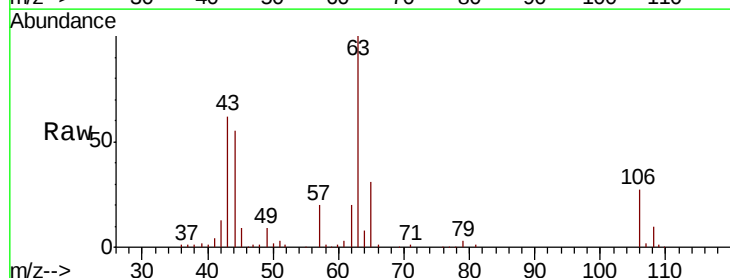
Acq: 17 Feb 2020 10:24

Tgt Ion: 63 Resp: 75400

Ion Ratio Lower Upper

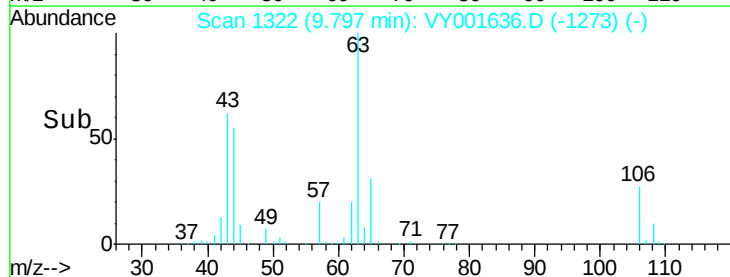
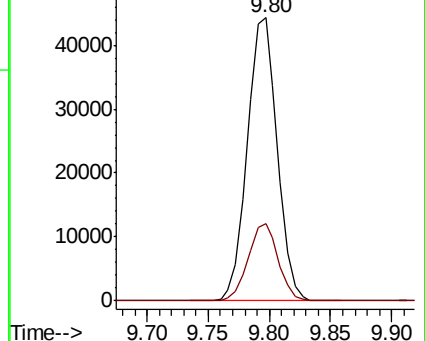
63 100

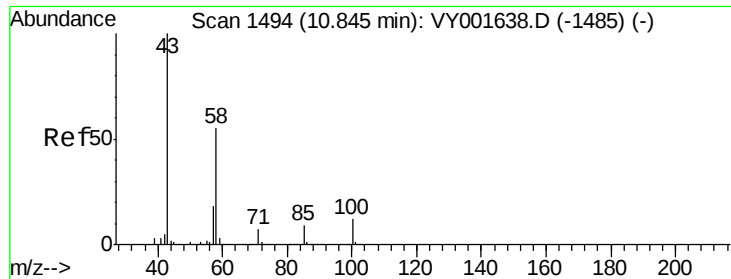
106 27.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 60.396 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

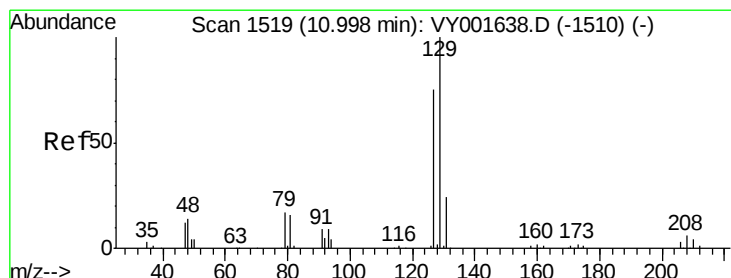
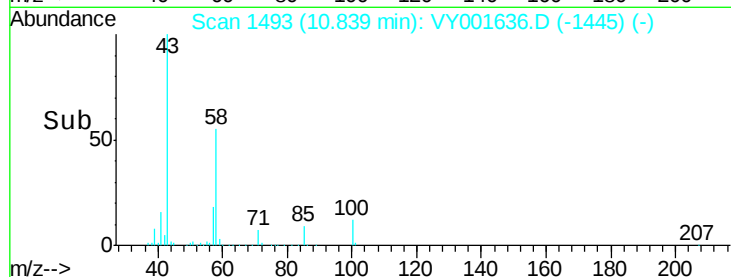
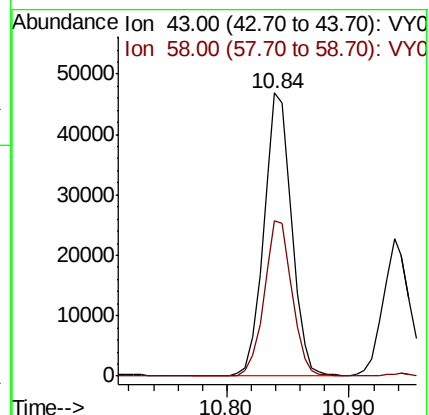
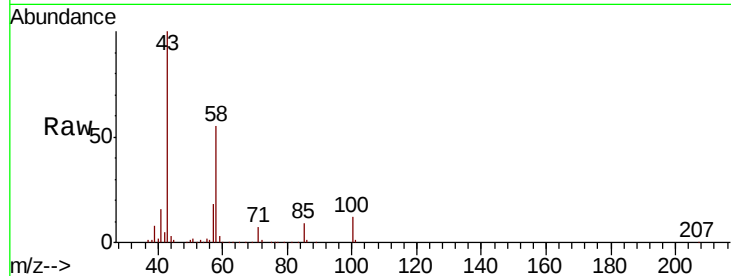
ClientSampled :

Tot Ion: 43 Resp: 73992

Ion Ratio Lower Upper

43 100

58 55.2 27.8 83.3



#60

Dibromochloromethane

Concen: 9.930 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.01 min

Lab File: VY001636.D

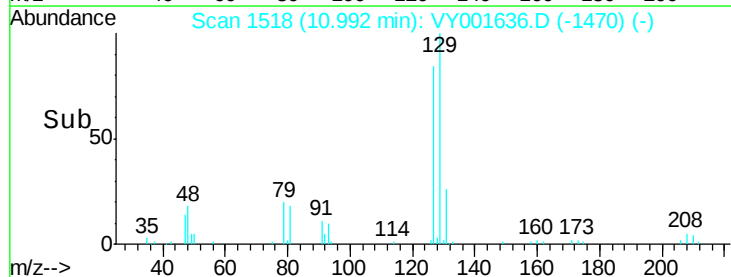
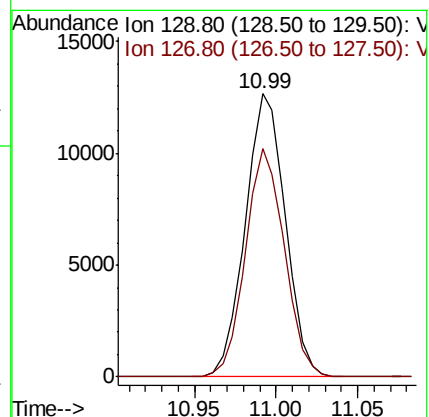
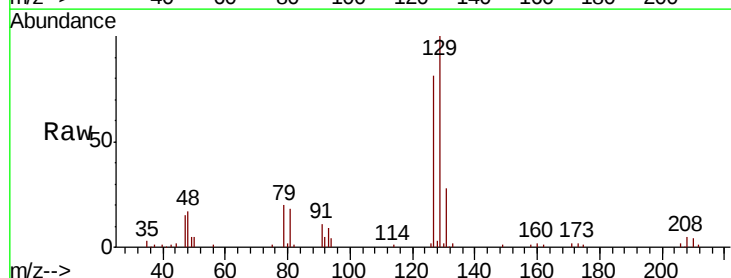
Acq: 17 Feb 2020 10:24

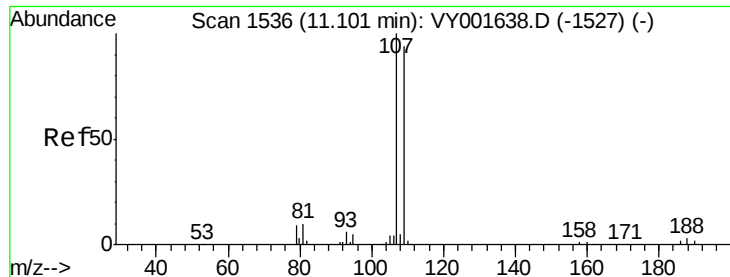
Tgt Ion: 129 Resp: 21574

Ion Ratio Lower Upper

129 100

127 78.6 38.1 114.5

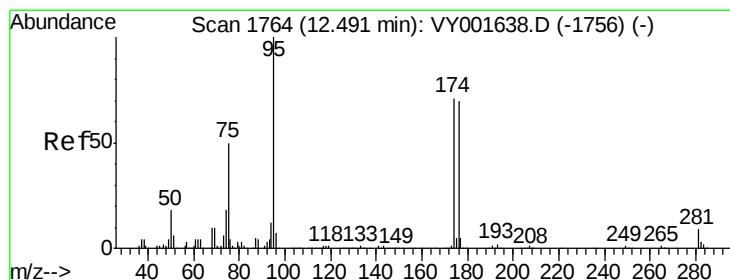
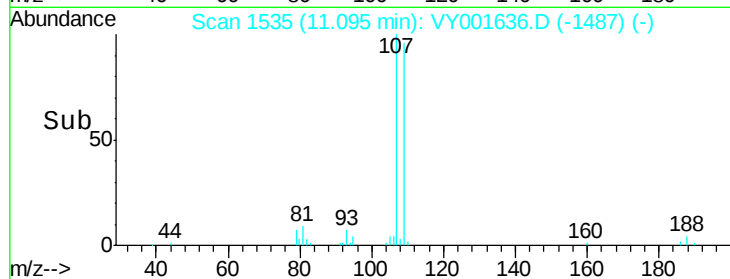
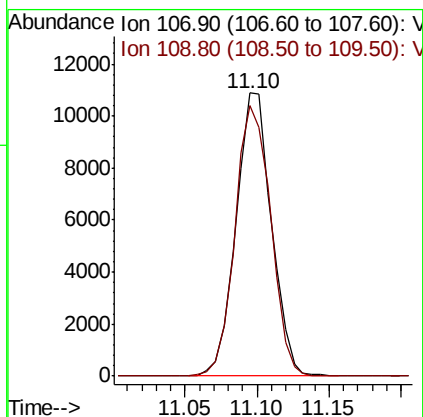
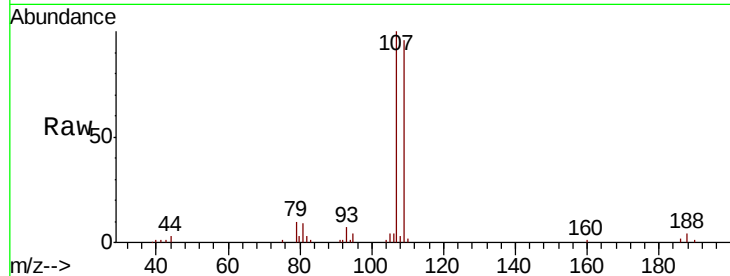




#61
 1,2-Dibromoethane
 Concen: 10.214 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

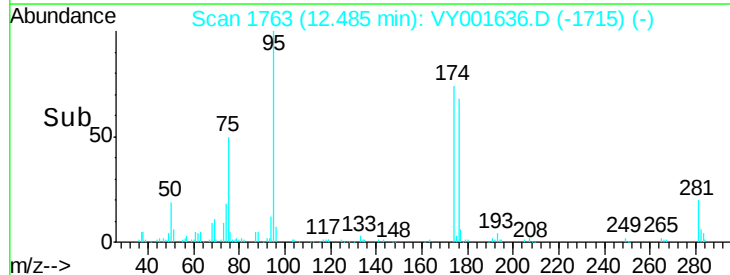
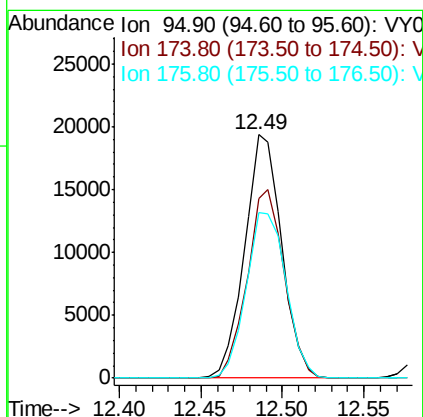
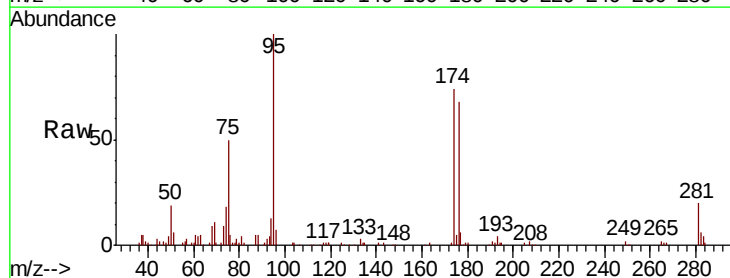
Instrument :
 MSVOA_Y
 ClientSampleId :

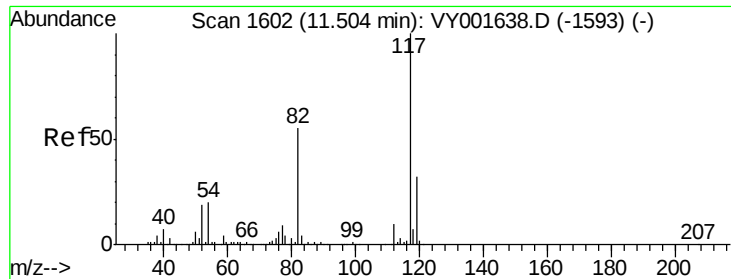
Tot Ion:107 Resp: 18644
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 9.824 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion: 95 Resp: 30578
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 144.4
 176 73.1 0.0 140.2

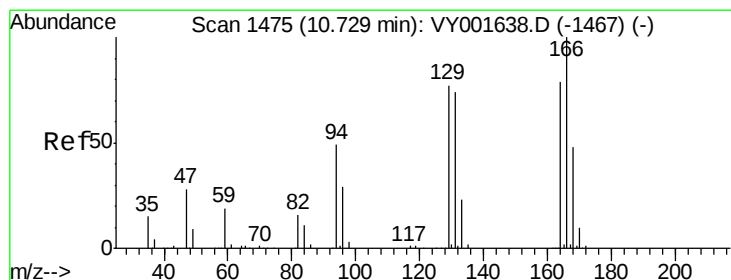
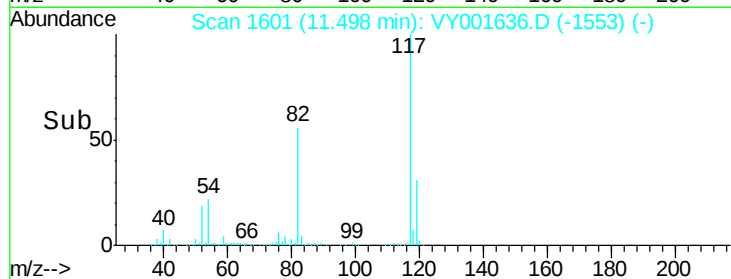
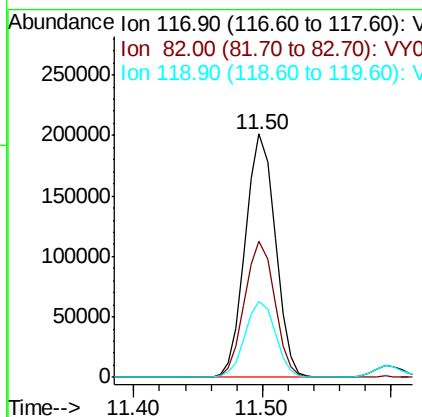
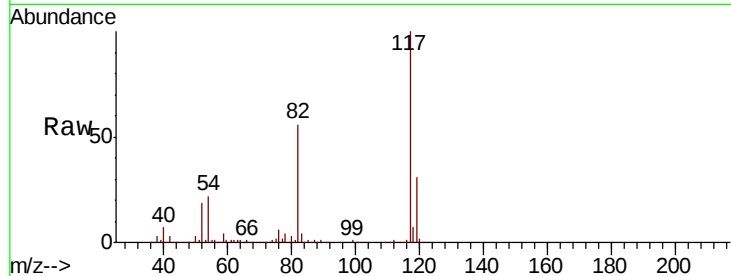




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

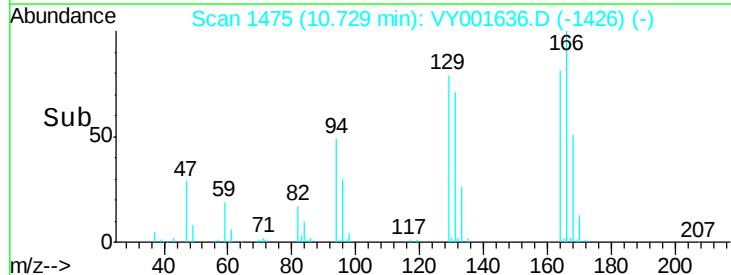
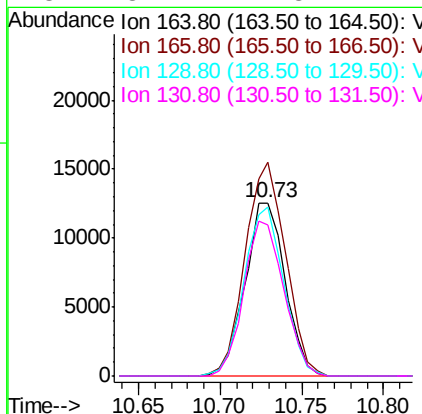
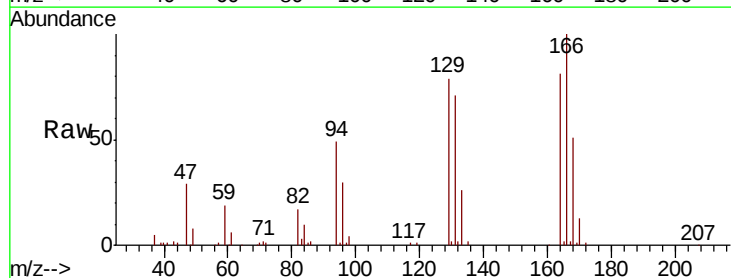
Instrument :
MSVOA_Y
ClientSampleId :

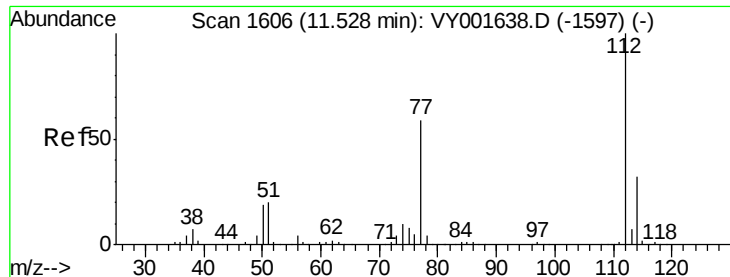
Tot Ion:117 Resp: 324648
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 10.218 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion:164 Resp: 21488
Ion Ratio Lower Upper
164 100
166 123.5 101.7 152.5
129 97.4 78.6 118.0
131 87.4 74.8 112.2





#65

Chlorobenzene

Concen: 10.490 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

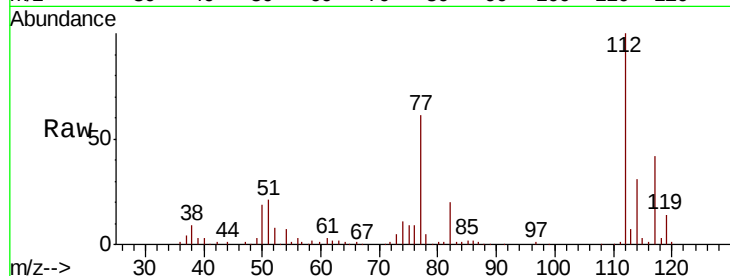
ClientSampleId :

Tot Ion:112 Resp: 66760

Ion Ratio Lower Upper

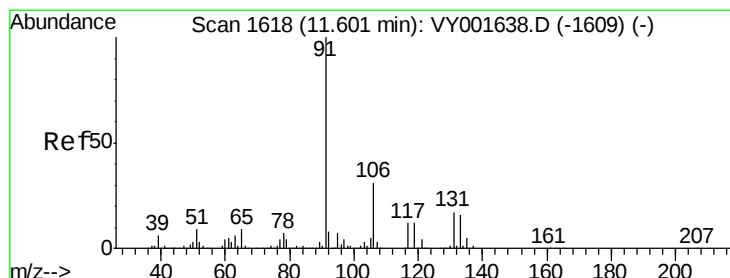
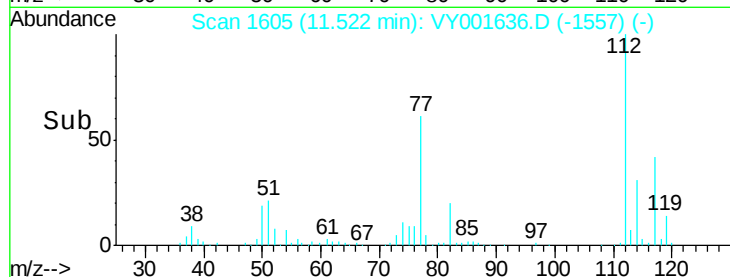
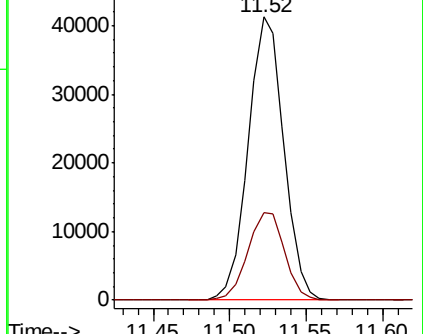
112 100

114 31.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.378 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

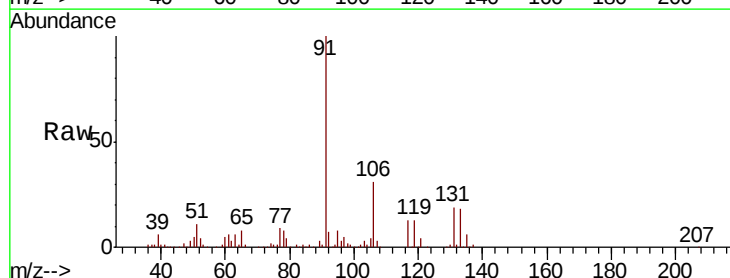
Tgt Ion:131 Resp: 23030

Ion Ratio Lower Upper

131 100

133 94.5 47.4 142.2

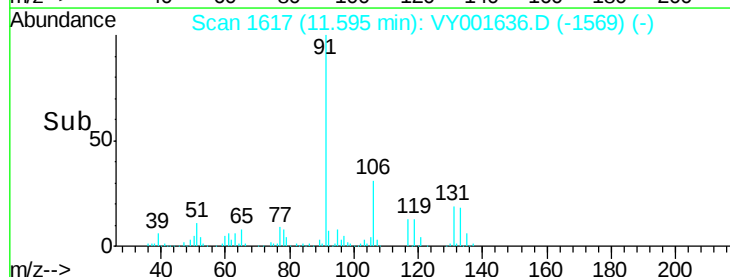
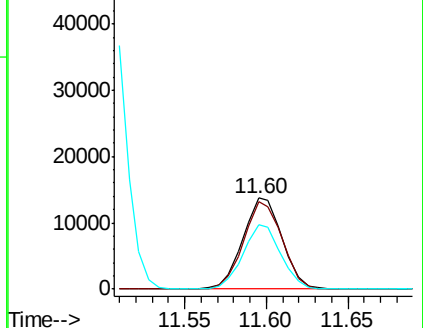
119 68.1 33.9 101.7

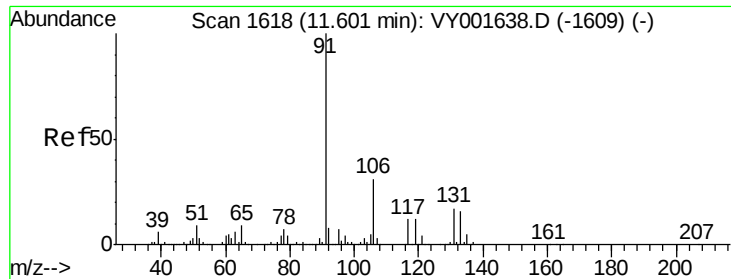


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 10.429 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

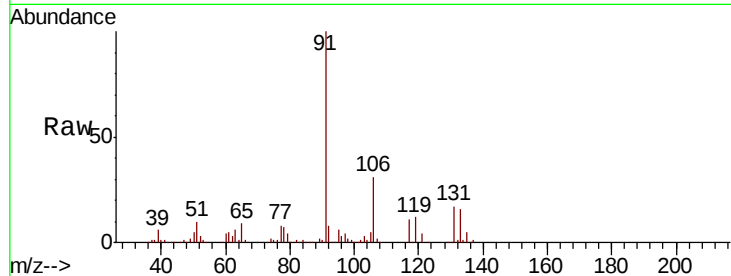
ClientSampleId :

Tot Ion: 91 Resp: 123013

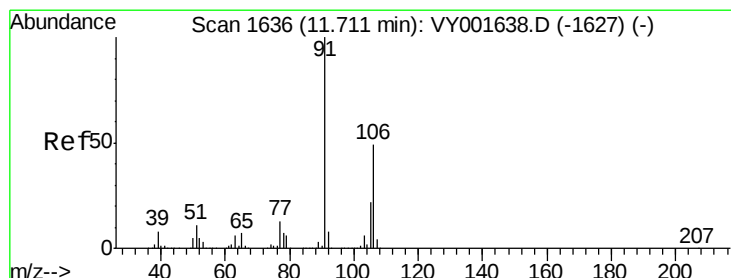
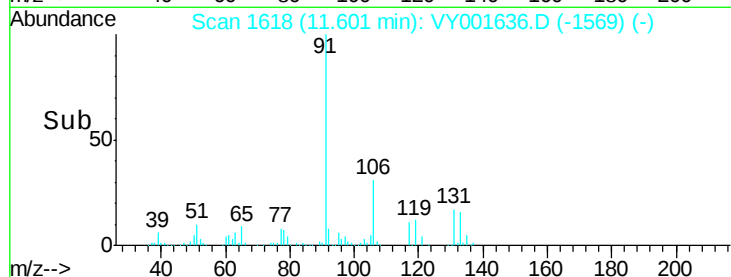
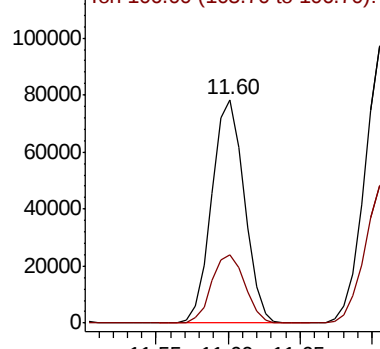
Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VY001636.D (-1569) (-)



#68

m/p-Xylenes

Concen: 21.040 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001636.D

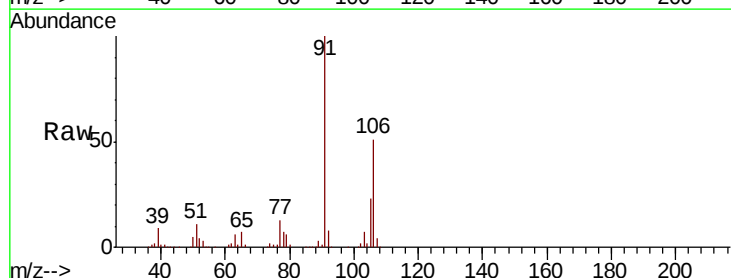
Acq: 17 Feb 2020 10:24

Tgt Ion: 106 Resp: 93215

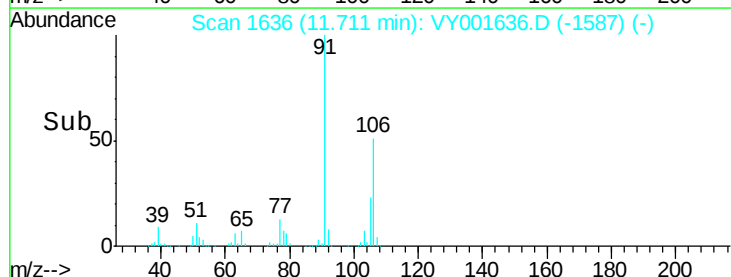
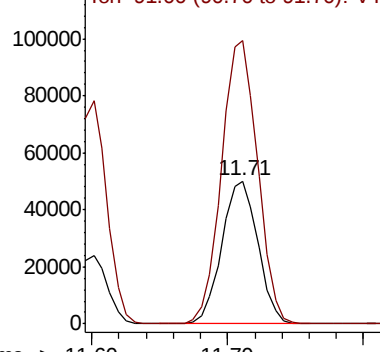
Ion Ratio Lower Upper

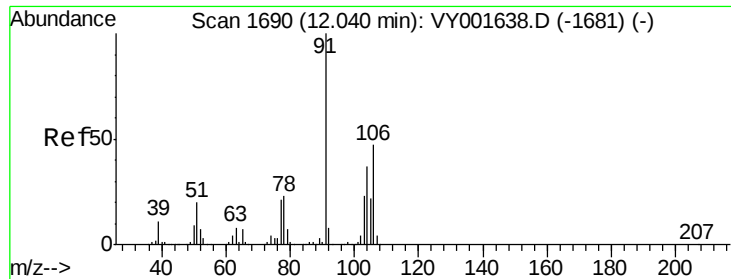
106 100

91 198.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VY001636.D (-1587) (-)

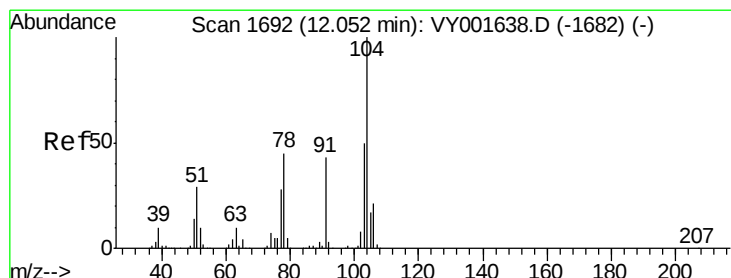
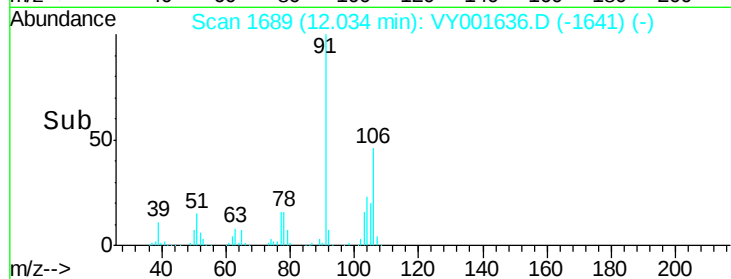
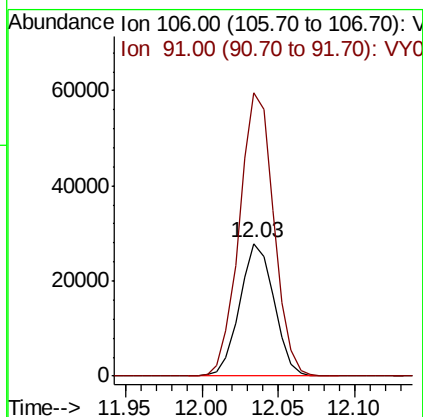
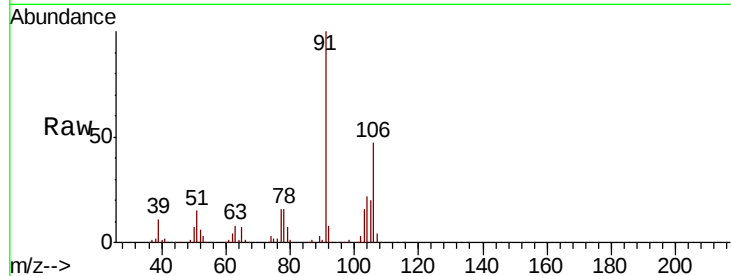




#69
o-Xylene
Concen: 10.402 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

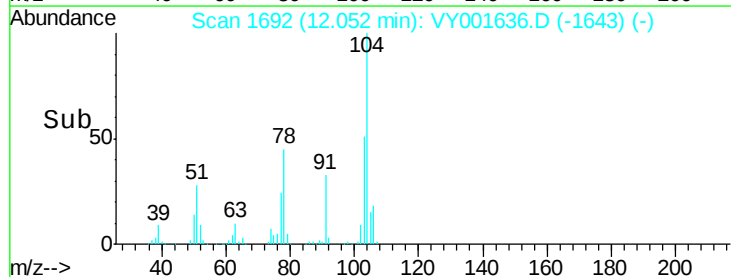
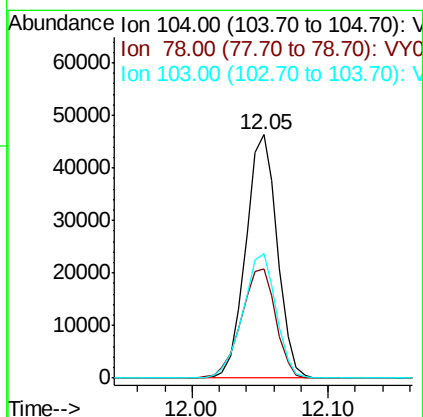
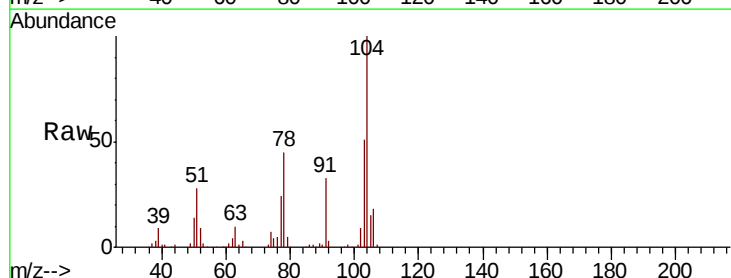
Instrument :
MSVOA_Y
ClientSampleId :

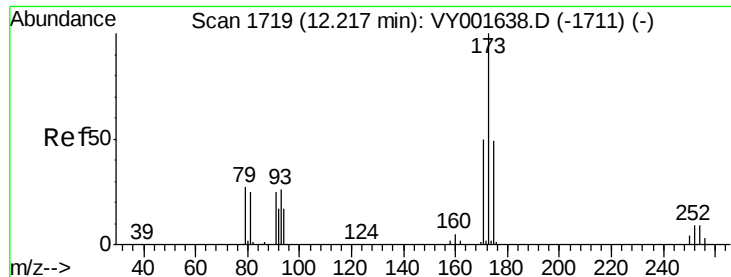
Tot Ion:106 Resp: 43490
Ion Ratio Lower Upper
106 100
91 214.1 105.1 315.3



#70
Styrene
Concen: 10.328 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion:104 Resp: 74862
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.1 42.8 64.2





#71

Bromoform

Concen: 9.737 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

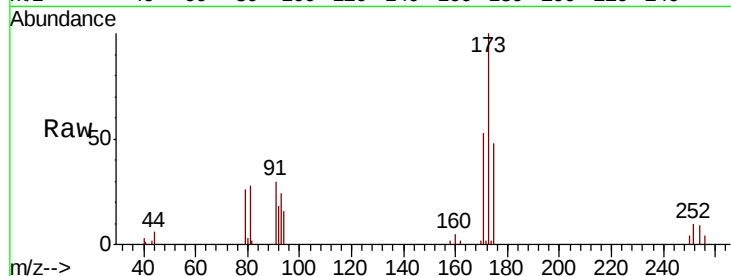
Tot Ion:173 Resp: 12177

Ion Ratio Lower Upper

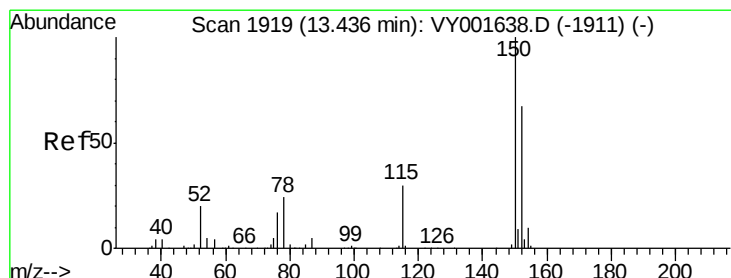
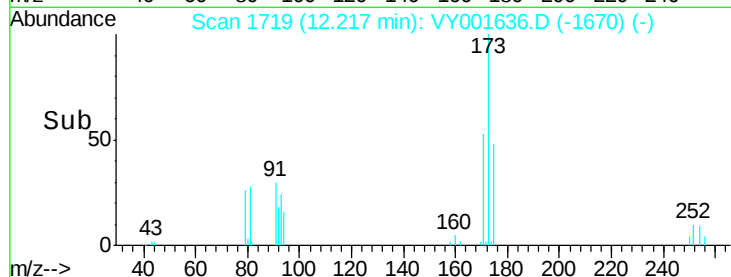
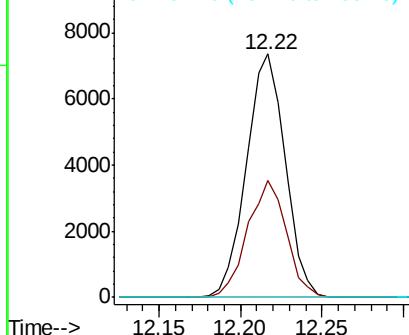
173 100

175 47.9 23.8 71.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

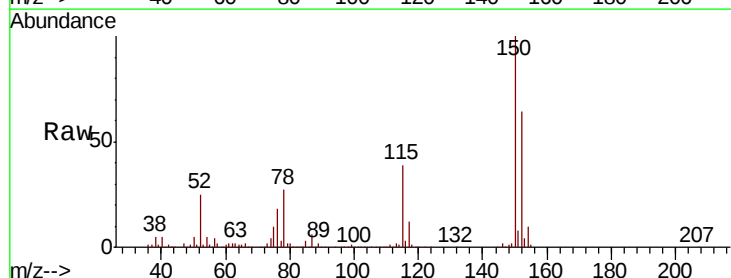
Tgt Ion:152 Resp: 151891

Ion Ratio Lower Upper

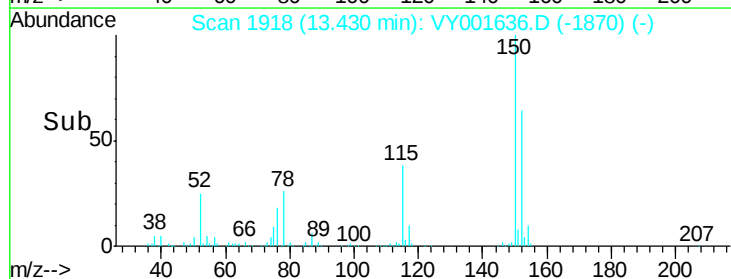
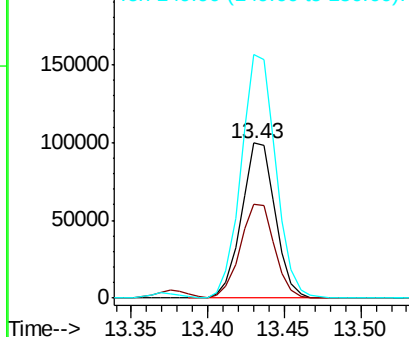
152 100

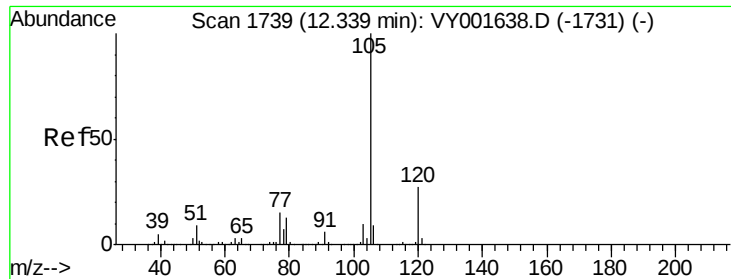
115 61.2 30.9 92.8

150 161.8 0.0 350.0



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: 10.221 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

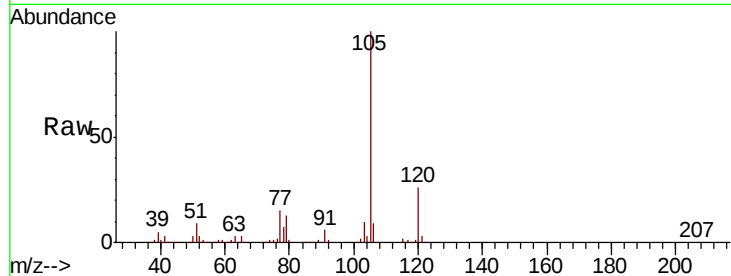
ClientSampleId :

Tot Ion:105 Resp: 117751

Ion Ratio Lower Upper

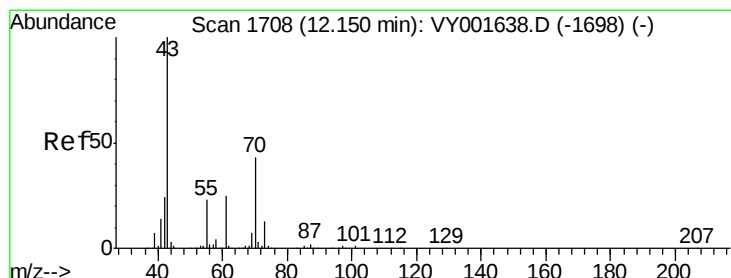
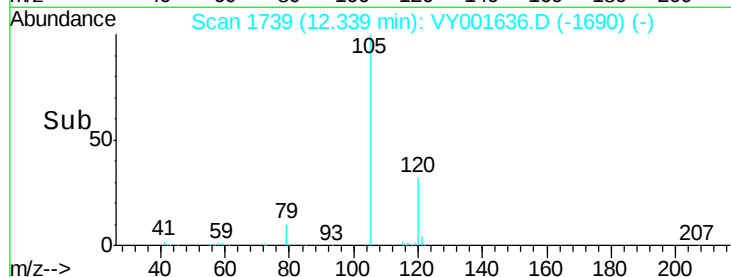
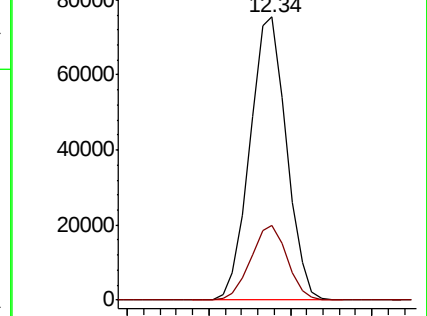
105 100

120 26.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 11.766 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Tgt Ion: 43 Resp: 37029

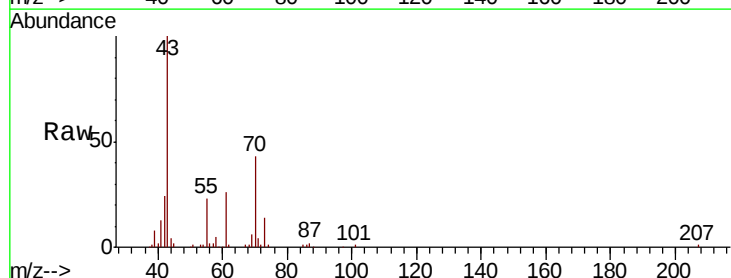
Ion Ratio Lower Upper

43 100

70 41.9 35.0 52.6

55 22.8 18.3 27.5

61 24.2 20.3 30.5

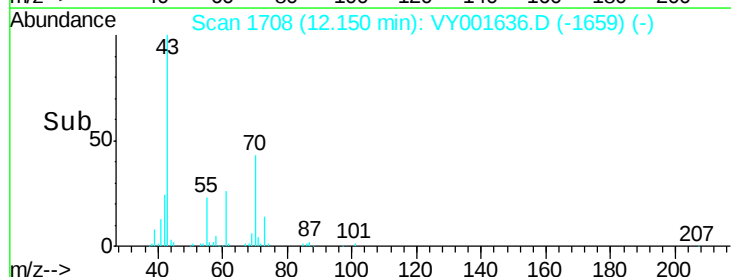
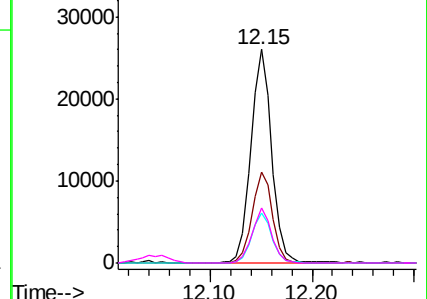


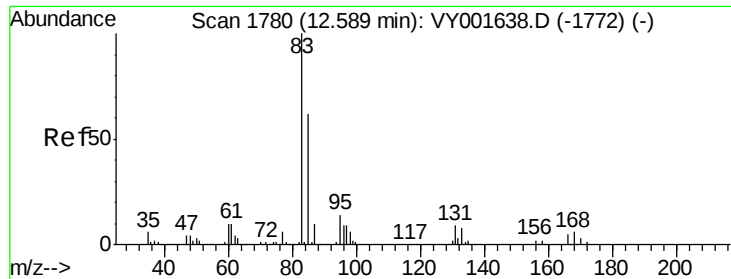
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.906 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

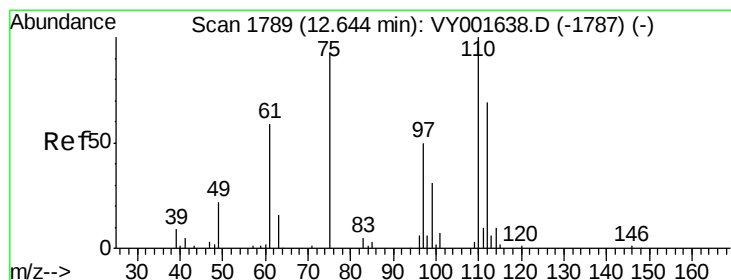
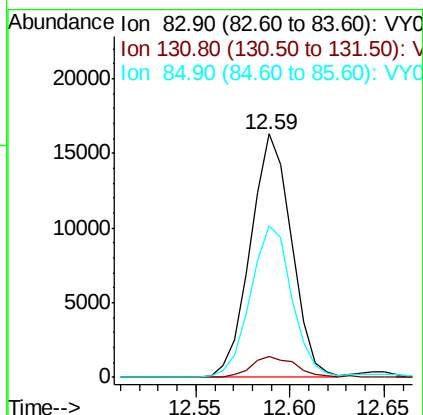
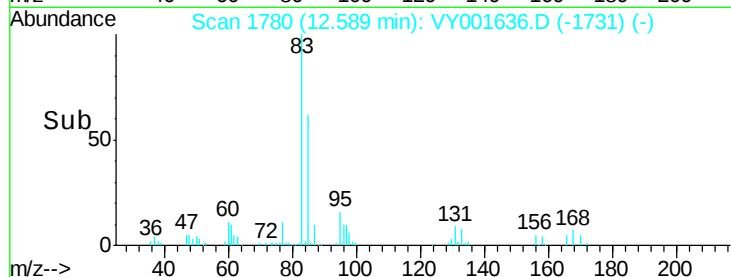
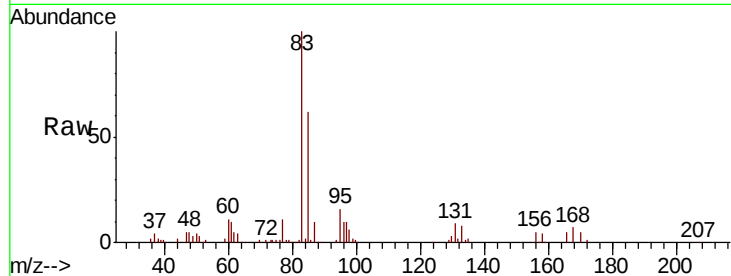
Tot Ion: 83 Resp: 24678

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

85 62.9 31.5 94.5



#76

1,2,3-Trichloropropane

Concen: 20.017 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001636.D

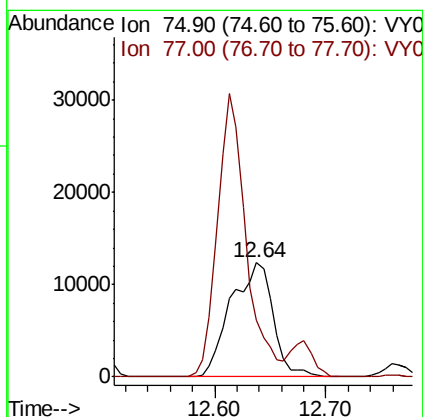
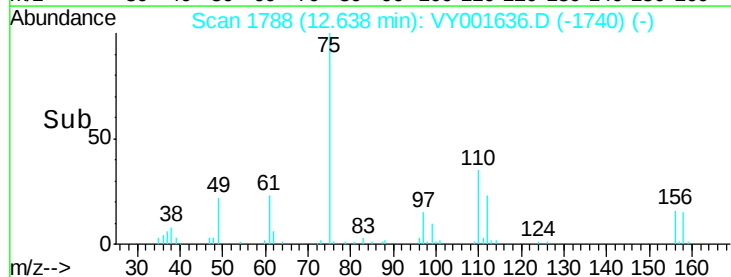
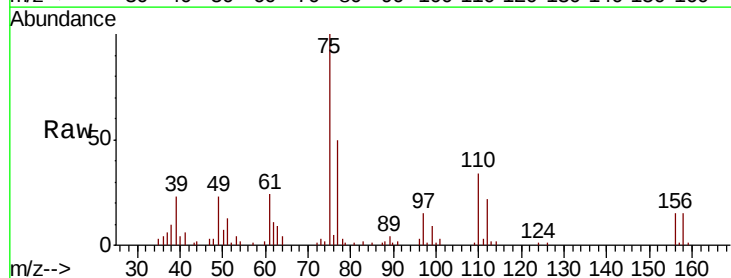
Acq: 17 Feb 2020 10:24

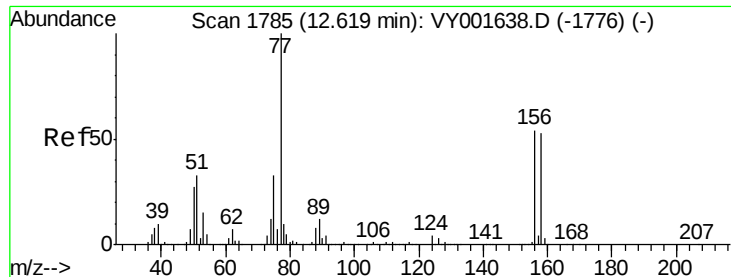
Tgt Ion: 75 Resp: 32590

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.345 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

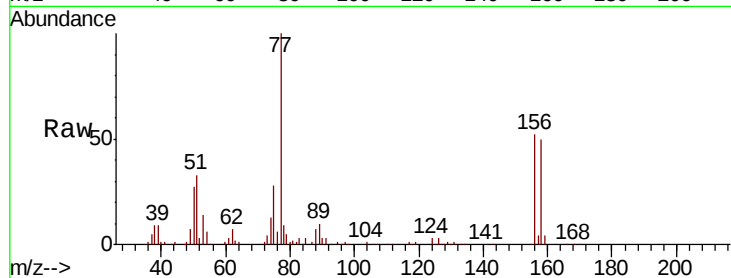
Tot Ion:156 Resp: 25787

Ion Ratio Lower Upper

156 100

77 213.0 107.8 323.4

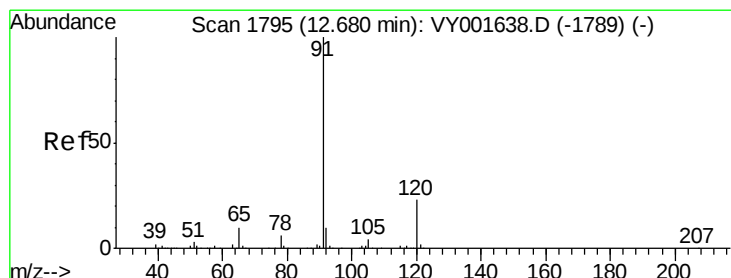
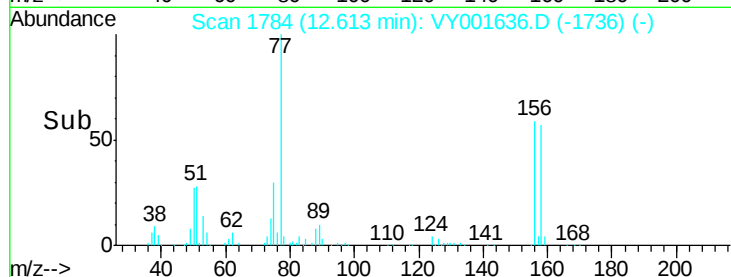
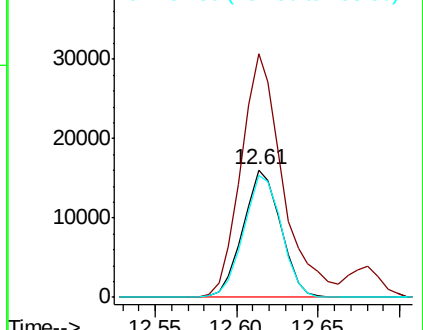
158 96.5 48.6 145.9



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: 10.308 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001636.D

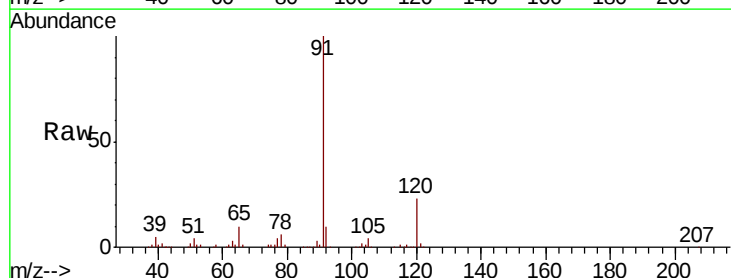
Acq: 17 Feb 2020 10:24

Tgt Ion: 91 Resp: 143029

Ion Ratio Lower Upper

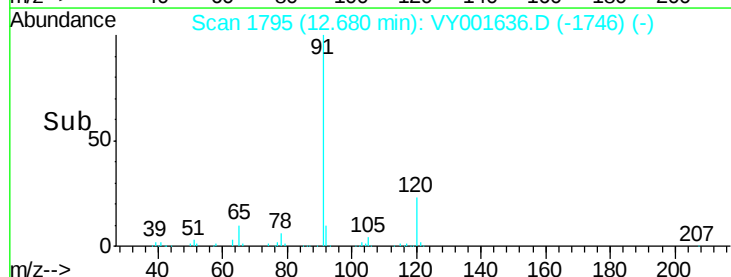
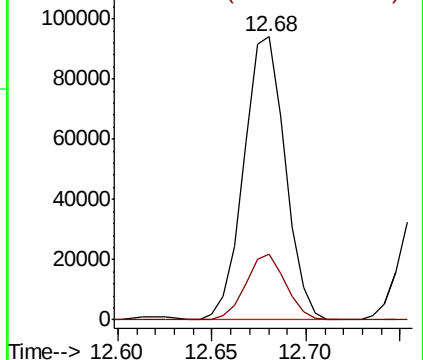
91 100

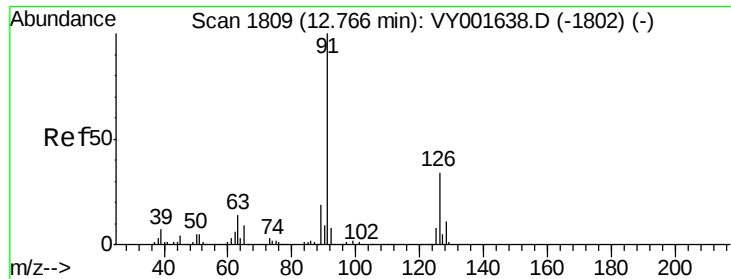
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.166 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

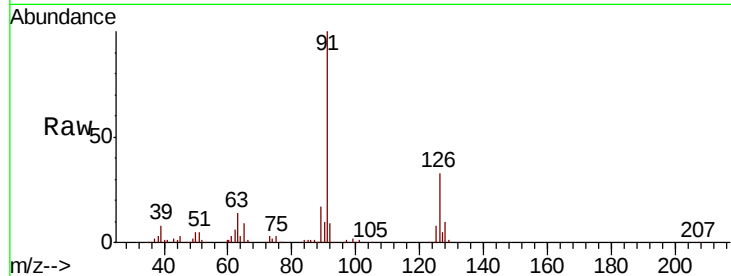
ClientSampleId :

Tot Ion: 91 Resp: 80041

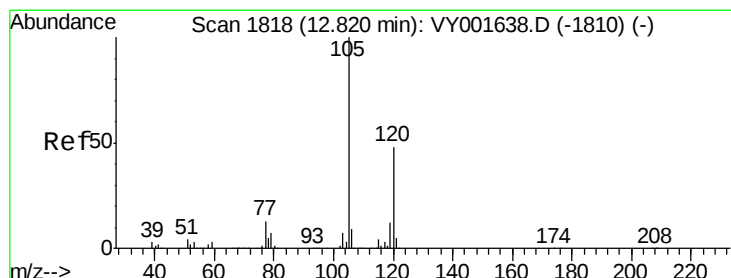
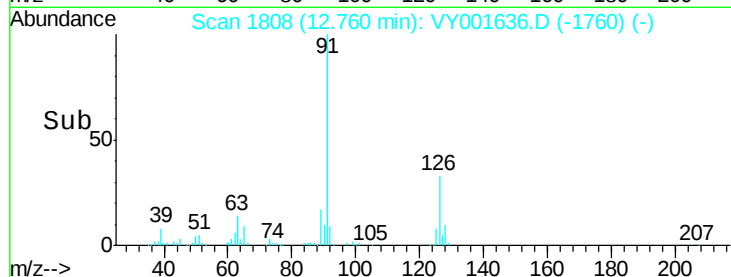
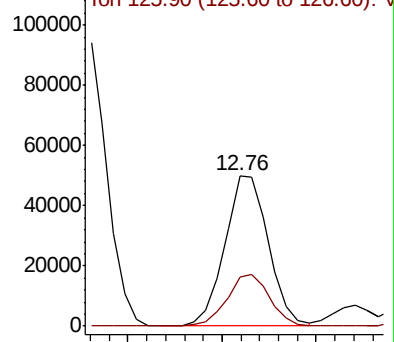
Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VY001636.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.096 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001636.D

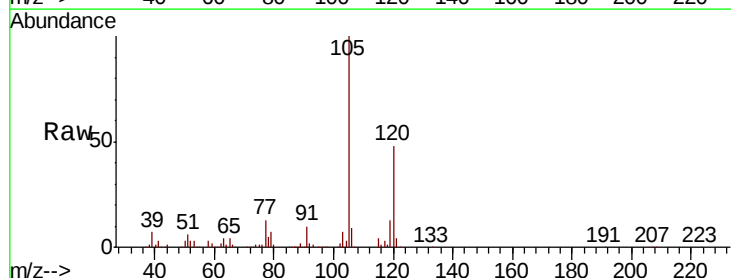
Acq: 17 Feb 2020 10:24

Tgt Ion: 105 Resp: 97987

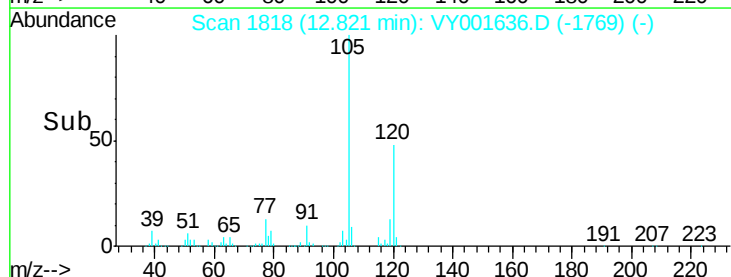
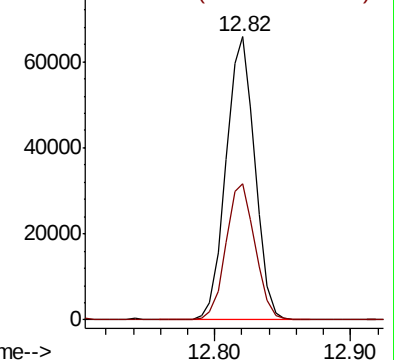
Ion Ratio Lower Upper

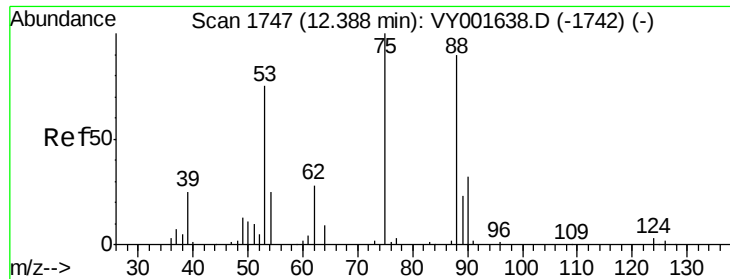
105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001636.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 9.747 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampled :

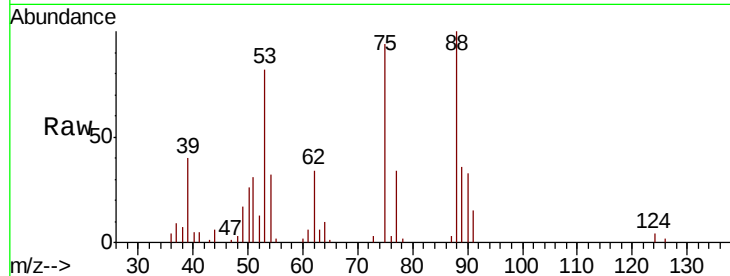
Tot Ion: 75 Resp: 8474

Ion Ratio Lower Upper

75 100

53 94.3 63.4 95.0

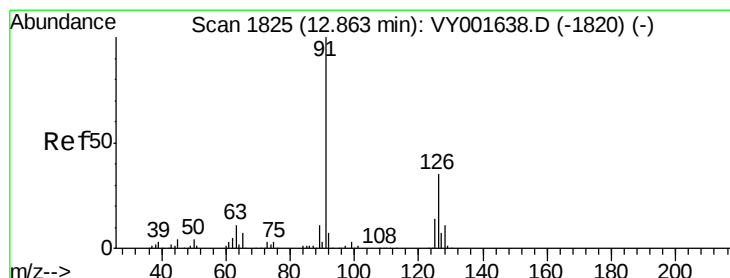
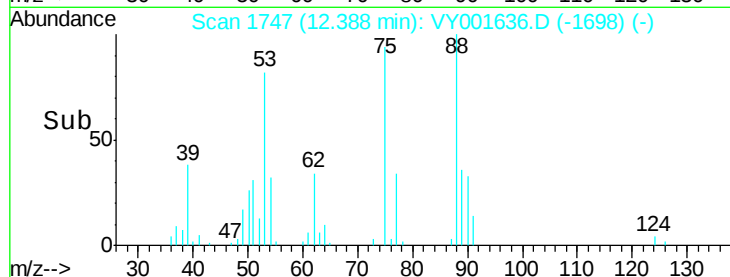
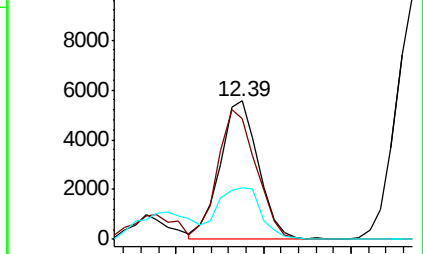
89 42.4 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VY001638.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001638.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001638.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 10.030 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001636.D

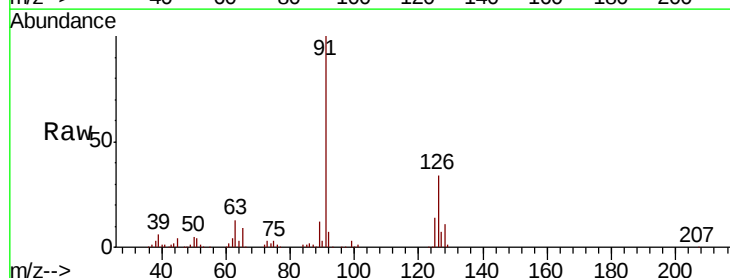
Acq: 17 Feb 2020 10:24

Tgt Ion: 91 Resp: 83255

Ion Ratio Lower Upper

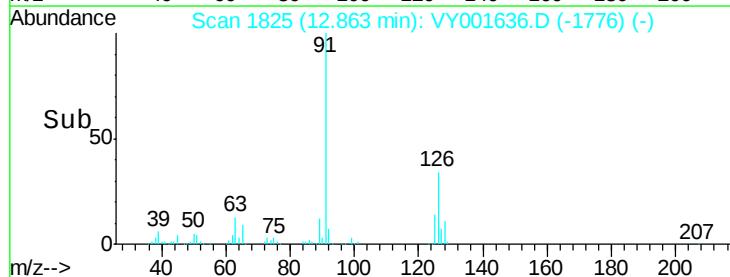
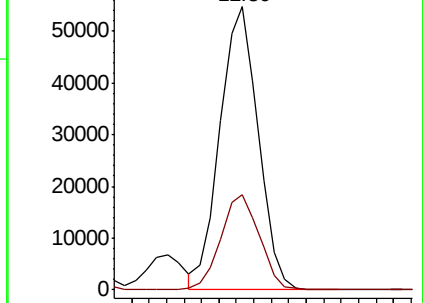
91 100

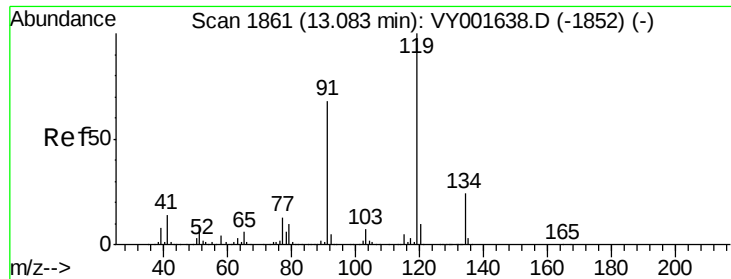
126 33.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1820) (-)

Ion 125.90 (125.60 to 126.60): VY001638.D (-1820) (-)

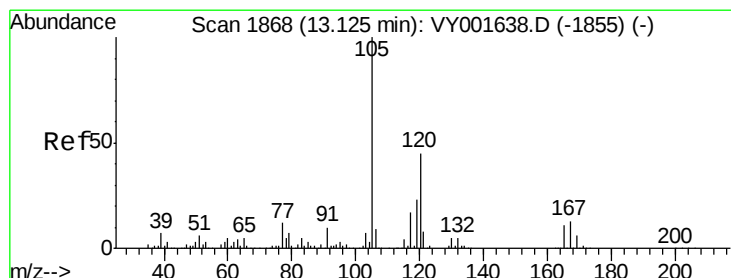
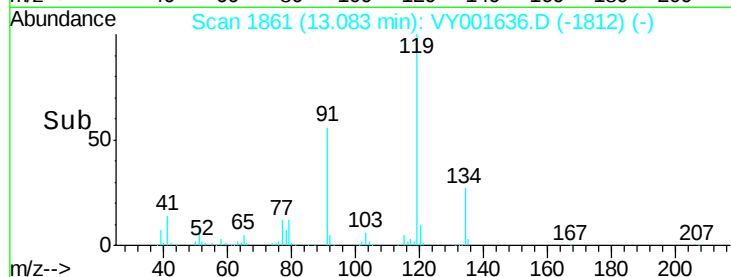
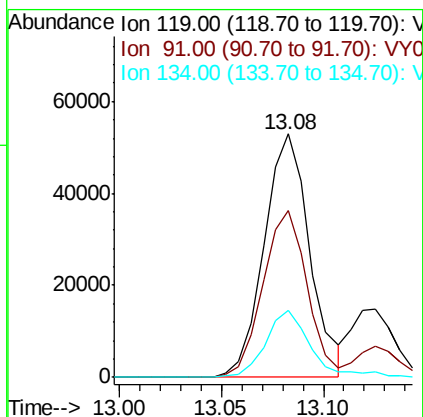
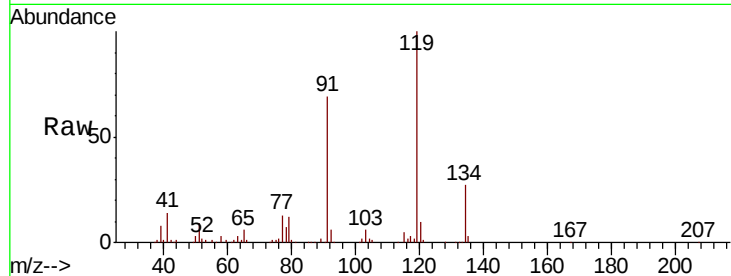




#83
tert-Butylbenzene
Concen: 10.076 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

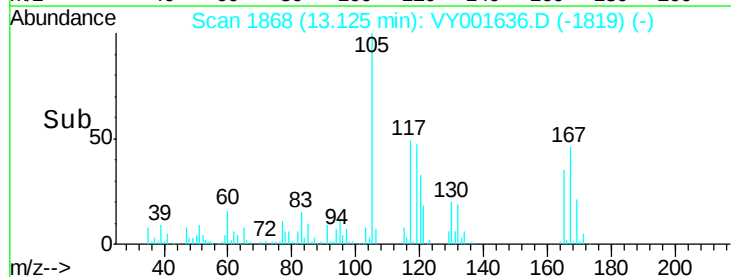
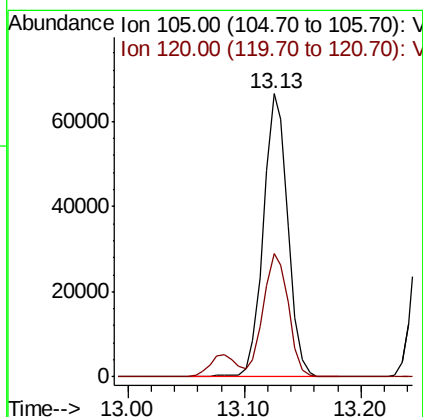
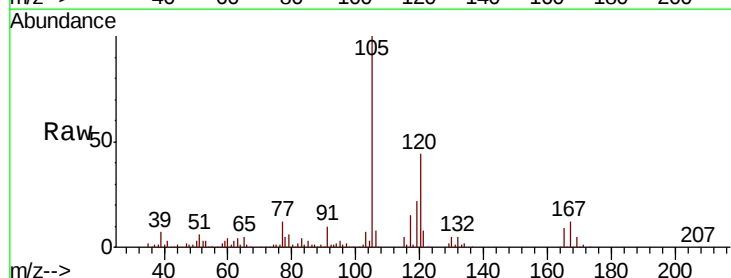
Instrument :
MSVOA_Y
ClientSampleId :

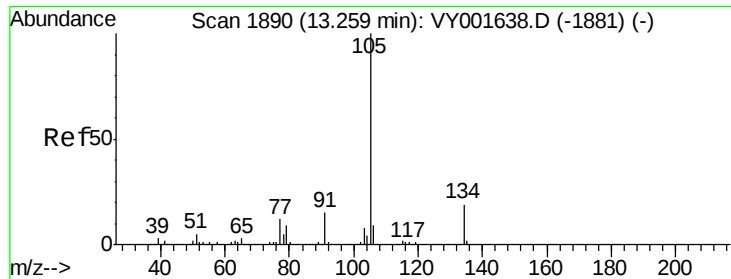
Tot Ion:119 Resp: 82453
Ion Ratio Lower Upper
119 100
91 66.4 33.1 99.5
134 27.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 10.102 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion:105 Resp: 97170
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 10.282 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

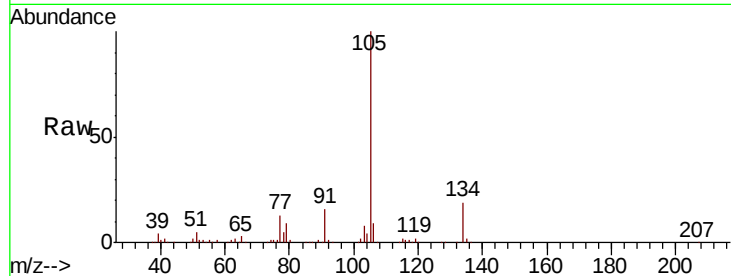
ClientSampleId :

Tot Ion:105 Resp: 119036

Ion Ratio Lower Upper

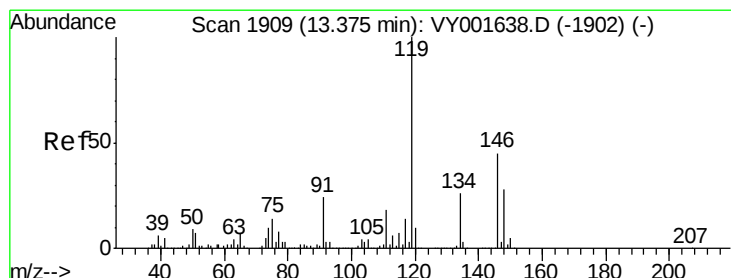
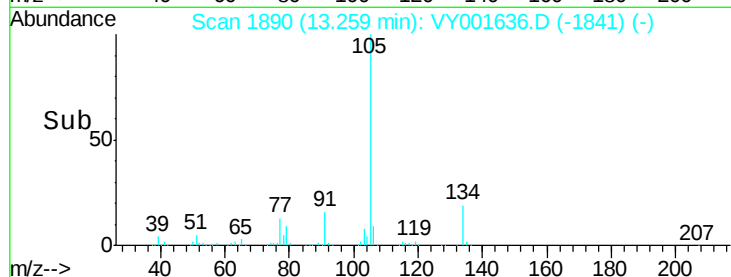
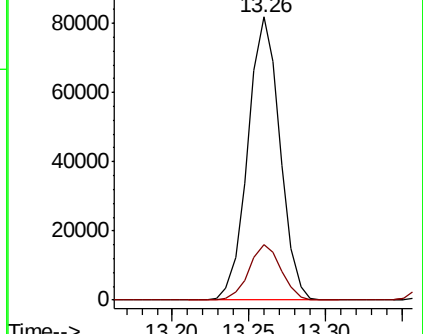
105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.569 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

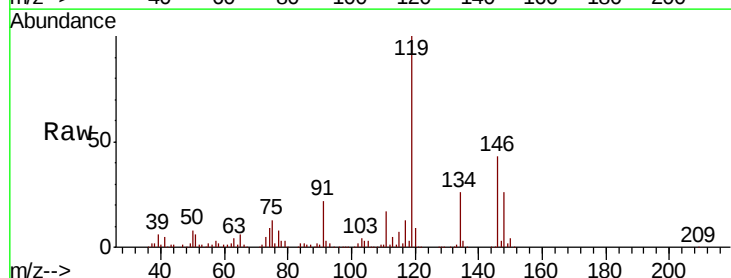
Tgt Ion:119 Resp: 107752

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

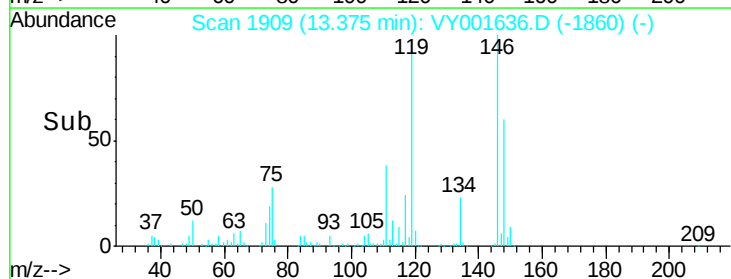
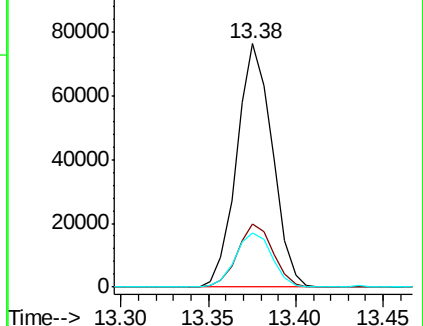
91 23.2 11.9 35.7

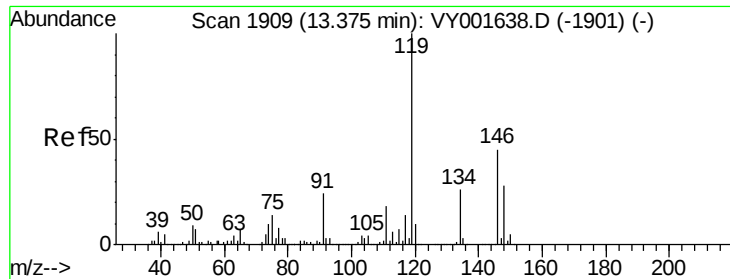


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

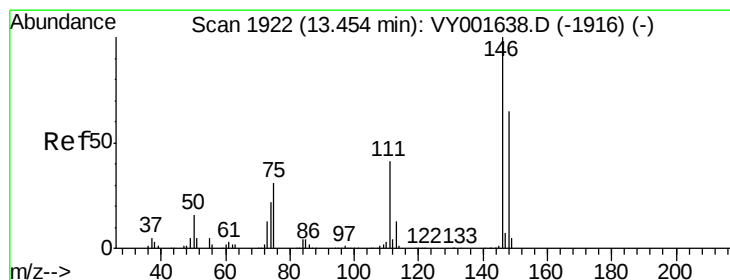
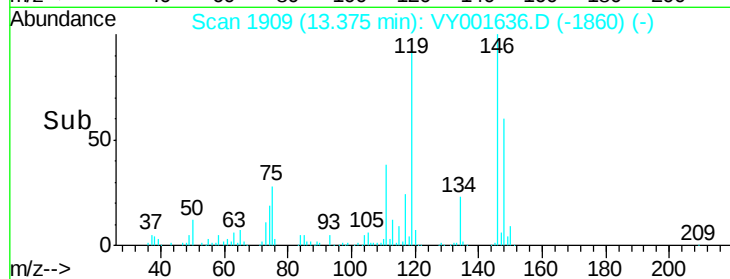
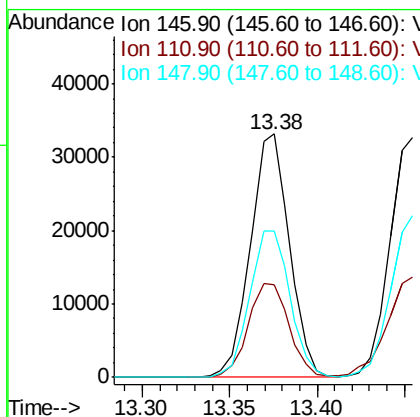
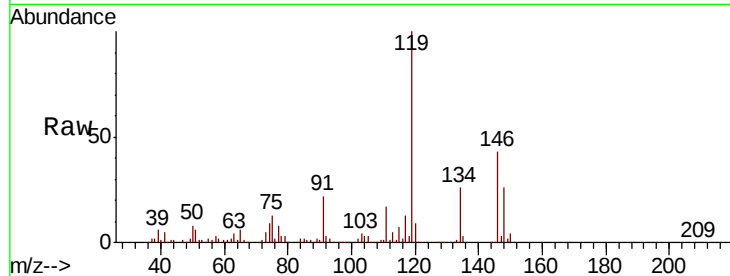




#87
 1,3-Dichlorobenzene
 Concen: 10.744 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

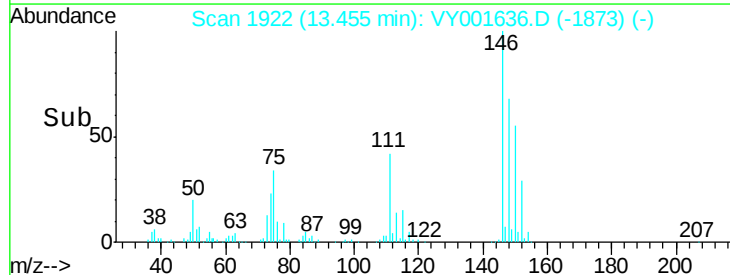
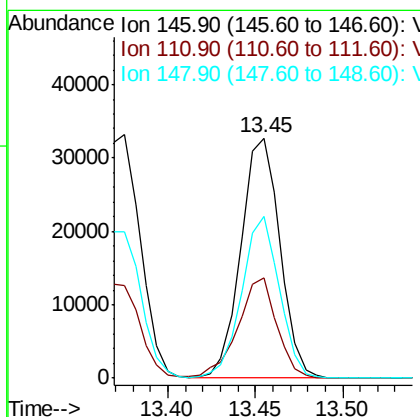
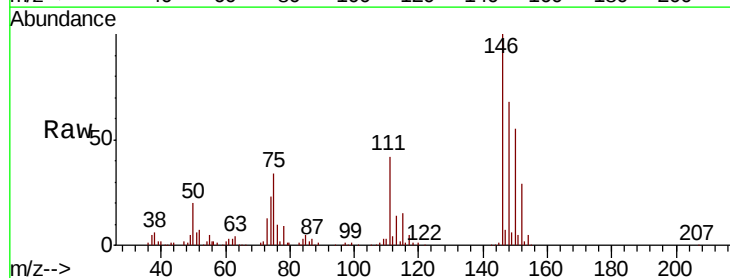
Instrument :
 MSVOA_Y
 ClientSampleId :

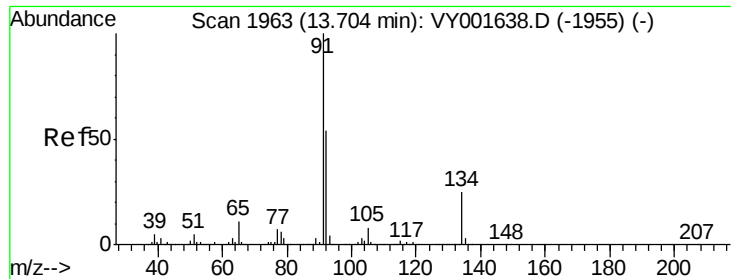
Tot Ion:146 Resp: 51671
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.7 62.1
 148 62.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 10.598 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion:146 Resp: 51034
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 64.9 32.0 96.2

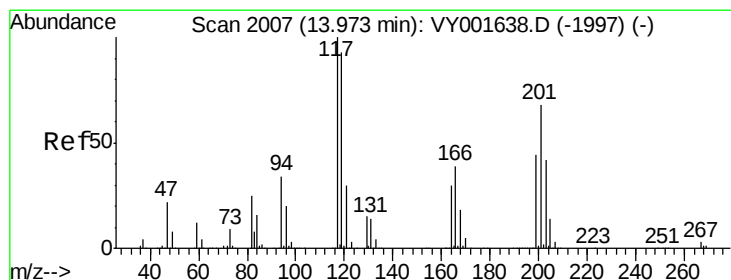
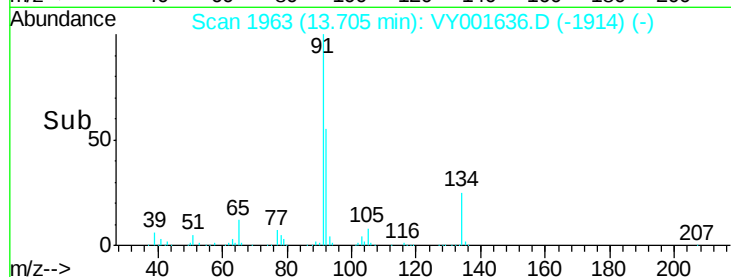
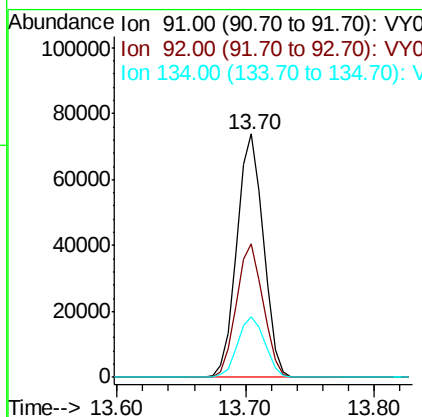
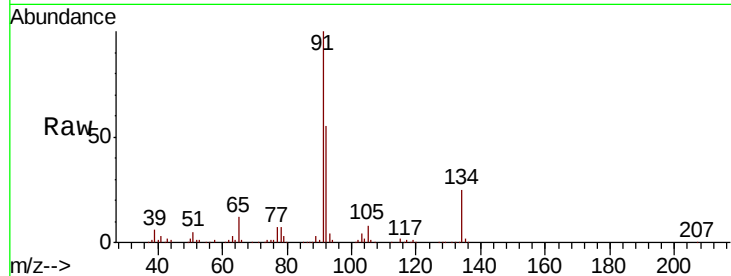




#89
n-Butylbenzene
Concen: 10.442 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

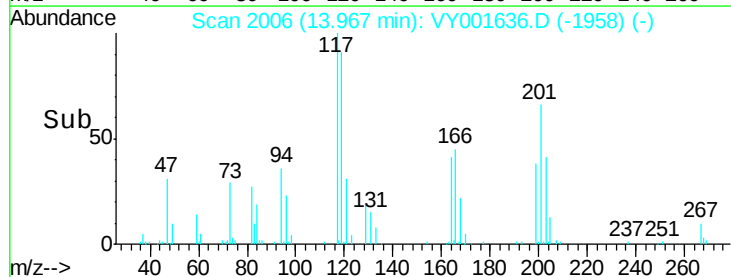
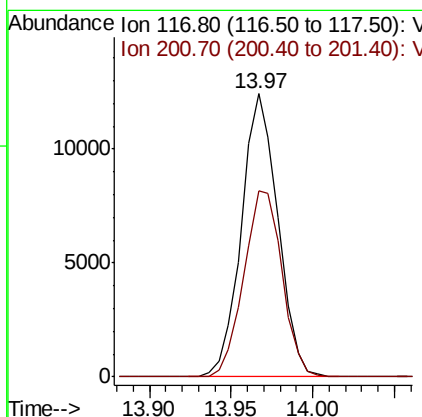
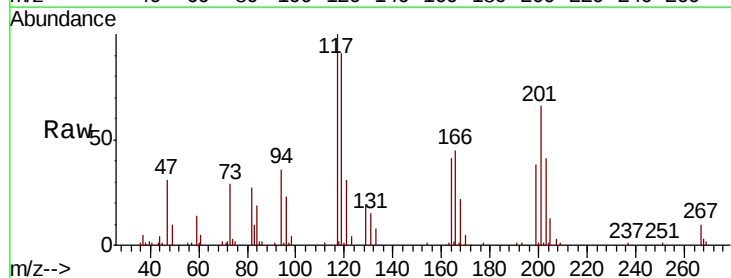
Instrument :
MSVOA_Y
ClientSampleId :

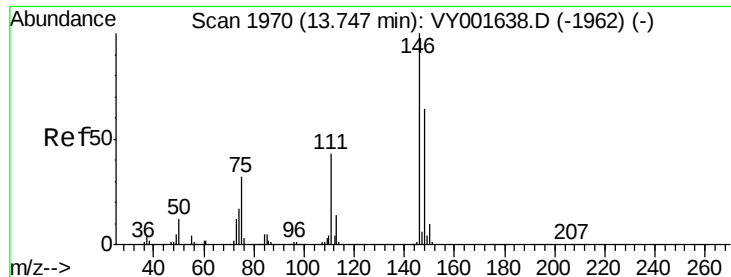
Tot Ion: 91 Resp: 105687
Ion Ratio Lower Upper
91 100
92 55.3 27.3 81.8
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 9.898 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001636.D
Acq: 17 Feb 2020 10:24

Tgt Ion: 117 Resp: 19334
Ion Ratio Lower Upper
117 100
201 69.0 33.3 99.8

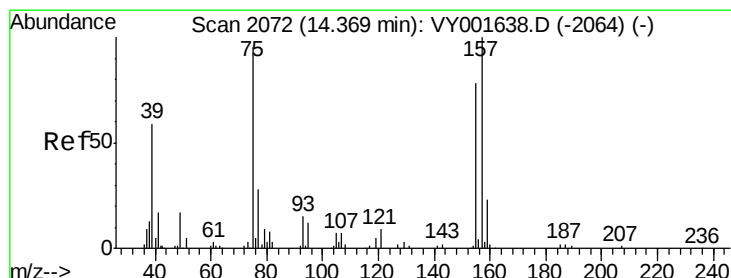
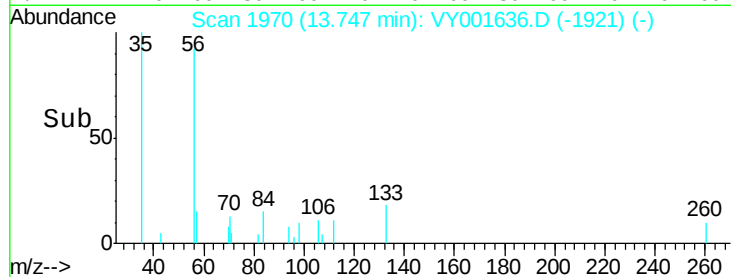
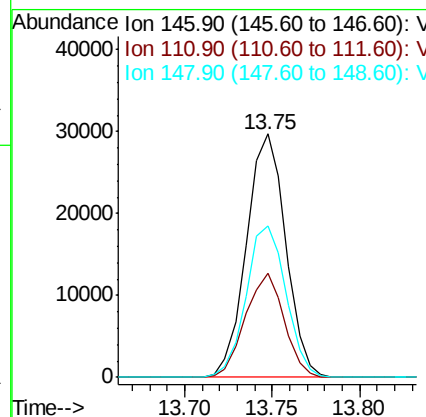
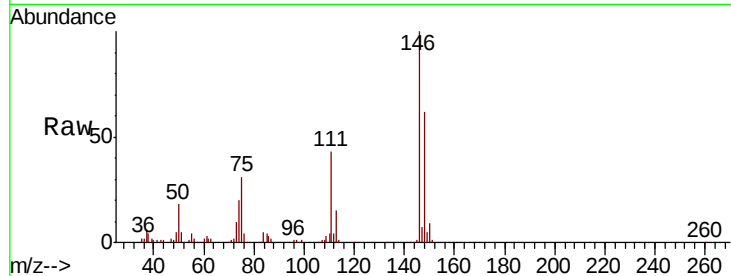




#91
 1,2-Dichlorobenzene
 Concen: 10.599 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

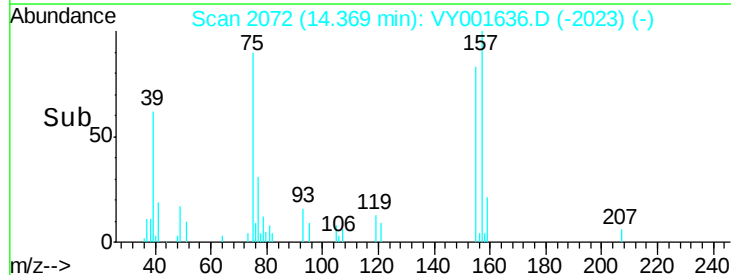
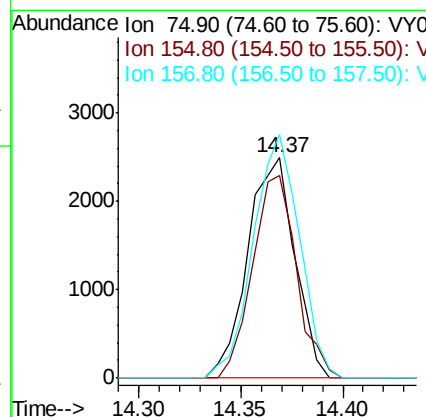
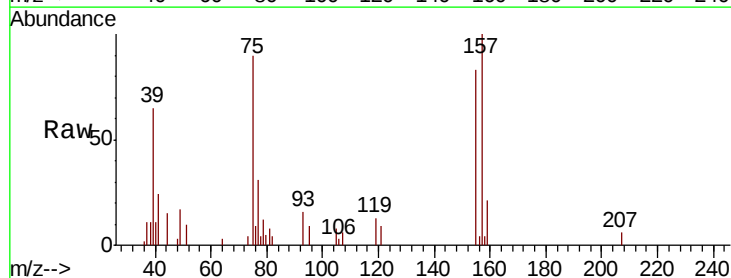
Instrument :
 MSVOA_Y
 ClientSampleId :

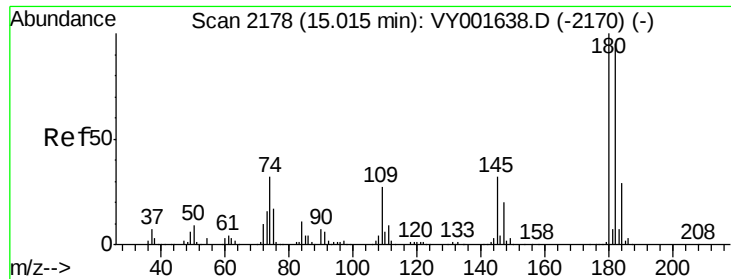
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.6	65.0
148	63.4	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.714 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	42.1	126.4
157	109.0	53.0	159.1

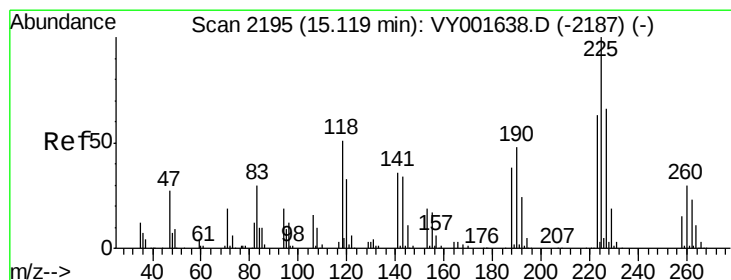
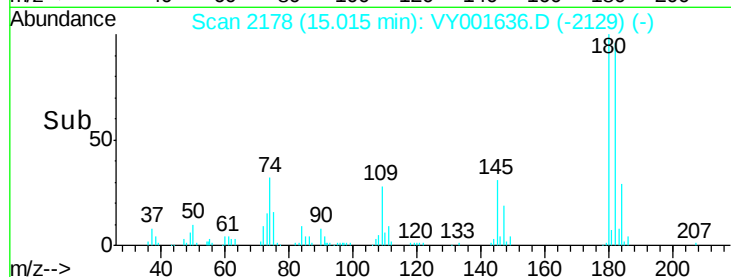
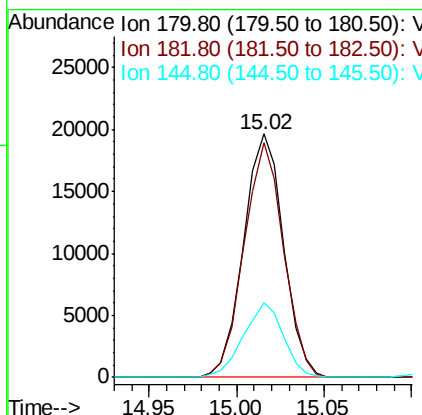
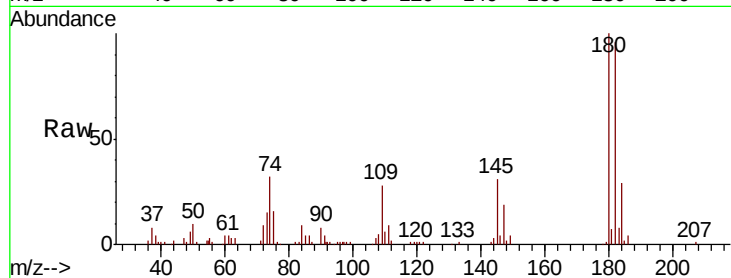




#93
 1,2,4-Trichlorobenzene
 Concen: 10.599 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

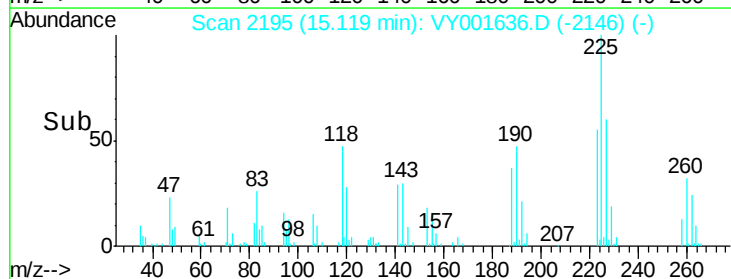
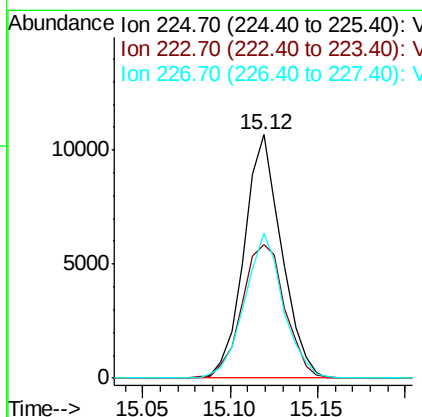
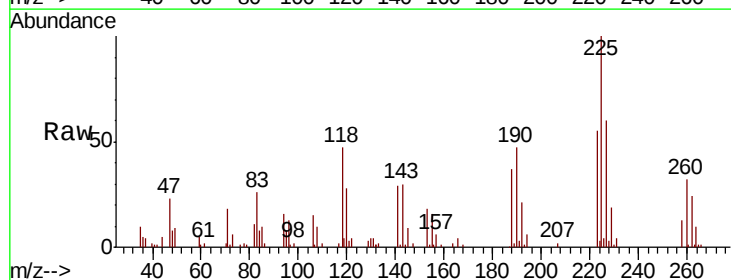
Instrument :
 MSVOA_Y
 ClientSampled :

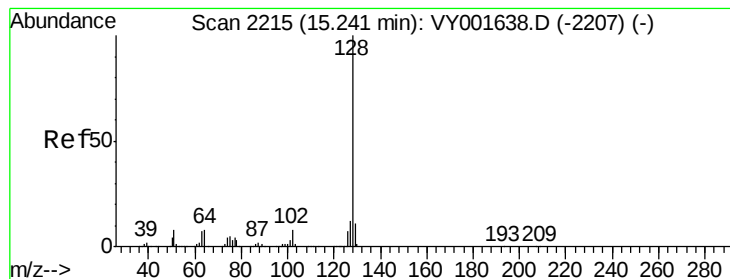
Tot Ion:180 Resp: 31186
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.7
 145 30.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 10.744 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001636.D
 Acq: 17 Feb 2020 10:24

Tgt Ion:225 Resp: 15877
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.8
 227 61.2 32.3 96.8





#95

Naphthalene

Concen: 9.779 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

Instrument :

MSVOA_Y

ClientSampled :

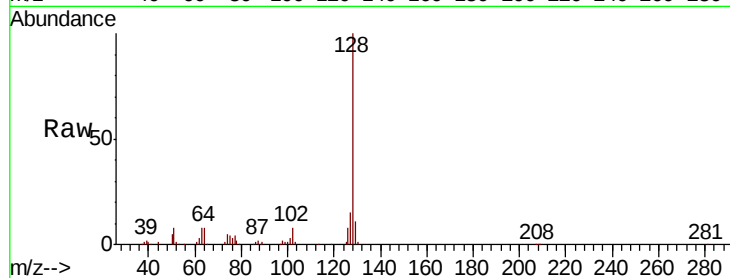
Tot Ion:128 Resp: 68254

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.1 8.8 13.2



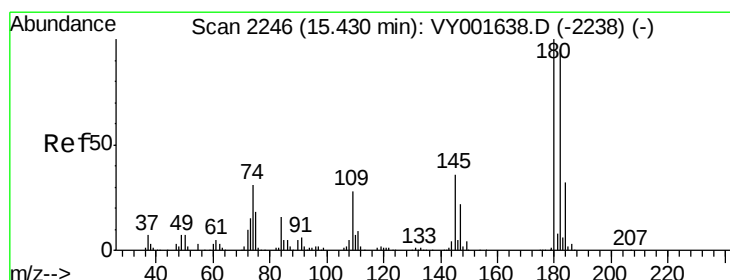
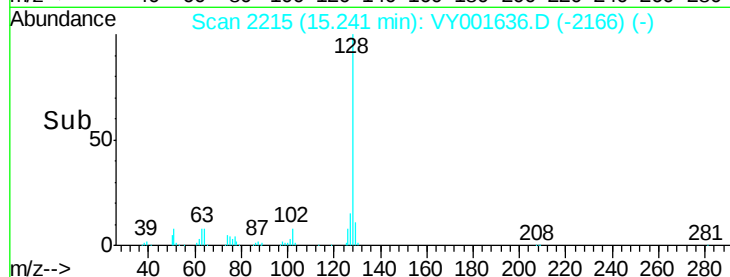
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.24

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 10.400 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001636.D

Acq: 17 Feb 2020 10:24

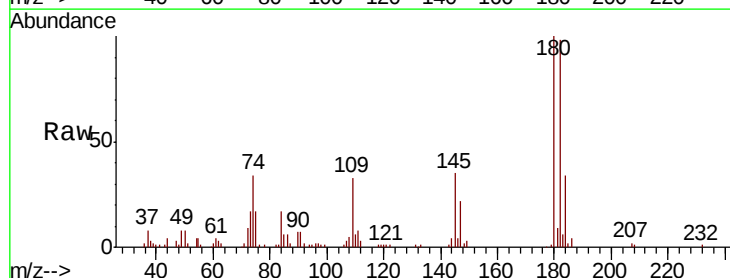
Tgt Ion:180 Resp: 27085

Ion Ratio Lower Upper

180 100

182 97.9 46.9 140.7

145 33.5 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.43

Time-->

